

23-56 BROADWAY

ASTORIA, NEW YORK

Phase II Environmental Site Assessment

AKRF Project Number: 250825

Prepared for:

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SIGNATURE PAGE

I, Deborah Shapiro, QEP, certify that I am currently a Qualified Environmental Professional, as defined in 6 New York State Codes, Rules, and Regulations (NYCRR) Part 375, and that this Phase II Environmental Site Assessment was prepared in accordance with applicable statutes and regulations, and standard industry practices.

Deborah Shapiro, QEP
Phase II Assessor

12/19/2025
Date


Signature

1.0 INTRODUCTION

AKRF, Inc. (AKRF) was retained by Broadway Astoria Arts LLC (the Client) to conduct a Phase II Environmental Site Assessment (ESA) of 23-56 Broadway in Astoria, Queens, New York (the Site). The 6,385-square-foot Site is also identified as Queens Tax Map 4, Block 556, Lot 50. A Site Location Map is included as Figure 1, and a Site Plan is included as Figure 2.

It is our understanding that the Client has acquired the Site and intends to redevelop it with a multi-story mixed use commercial and residential building. The objective of the investigation was to assess the Recognized Environmental Conditions (RECs) identified in the Phase I ESA prepared by American Environmental Assessment & Solutions, Inc. (AEAS), dated November 2024, and to complete a preliminary characterization of subsurface conditions at the Site, especially in areas of potential soil disturbance during Site redevelopment.

The Phase II ESA was completed between September 29 and October 1, 2025. The scope consisted of a geophysical survey; the advancement of four borings with continuous soil core collection, field screening, and collection of nine soil samples; installation of three temporary groundwater monitoring wells with collection of three groundwater samples; and installation of three temporary soil vapor points with collection of three soil vapor samples and one ambient air sample. The approximate sample locations are shown in Figure 2.

This report describes the methods and results of the investigation. Photographs of the Phase II ESA field activities are provided in Appendix A.

2.0 SITE DESCRIPTION

At the time of the Phase II ESA, the Site comprised a rectangular-shaped, 6,385-square-foot lot located at the intersection of Broadway and Crescent Street in the Astoria neighborhood of Queens, New York. The Site contained a one-story, 8,670-gross-square-foot (gsf) commercial building with two partial cellars, which occupied a majority of the lot footprint. A small concrete-paved exterior loading dock area was located in the southeastern corner of the Site along Crescent Street. According to the AEAS Phase I ESA, the Site was historically used for dry cleaning, and cable and power tool manufacturing. The Site building was most recently used as a community center. Partial Cellar No. 1 was located in the southwest portion of the Site and contained a petroleum above ground storage tank (AST) within a vault, and Partial Cellar No. 2 was located in the eastern portion of the Site as shown in Figure 2.

Based on the United States Geological Survey (USGS), Central Park, NY 2013 Quadrangle map and the New York City Planimetrics Database¹, the Site is approximately 30 feet above the North American Vertical Datum of 1988 (NAVD88), an approximation of mean sea level. During the Phase II ESA, the Site subsurface consisted of historic fill (sand, gravel, and silt with trace amounts of brick) to approximately 12 feet below ground surface (bgs) at sidewalk grade, underlain by apparent native grey and/or brown sand and gravel with trace silt to 25 feet bgs (the terminus of the deepest boring). Bedrock was not encountered during the investigation; however, based on the 2023 USGS Bedrock Elevation of Queens County, New York map, bedrock is expected to be approximately 30 feet bgs at the Site.

During the Phase II ESA, groundwater was encountered at the Site at approximately 19 to 20 feet bgs at sidewalk grade. Based on the regional topography, groundwater is expected to generally flow in a west/northwesterly direction toward the East River; however, actual groundwater depth and flow direction may be influenced by other factors, including past pumping and/or subsurface obstructions such as building foundations, subway tunnels, and other utilities. Groundwater in this part of Queens is not used as a source of potable water.

¹ [NYC Planimetric Database: Elevation Points | NYC Open Data](#)

3.0 PREVIOUS REPORTS

AKRF reviewed the following previous environmental report as part of this Phase II ESA:

Phase I ESA, 23-56 Broadway, Astoria, Queens, New York, American Environmental Assessment & Solutions, Inc., November 2024

AEAS performed a Phase I ESA for the Site, which was dated November 11, 2024. The Phase I ESA report identified on-site RECs related to historical dry cleaning, cable and power tool manufacturing, and current and historical petroleum bulk storage. The Phase I ESA recommended performance of a Phase II ESA to investigate potential subsurface impacts related to the RECs.

4.0 FIELD ACTIVITIES

4.1 Geophysical Survey and Utility Mark-Outs

On September 29, 2025, a geophysical survey was conducted across accessible areas of the Site to clear the proposed boring locations for utilities and/or buried structures, and to search for potential buried storage tanks or other underground structures. Results of the geophysical survey are described in Section 5.1, and a copy of the geophysical survey report is included as Appendix B.

In addition to the geophysical survey, Eastern Environmental Solutions, Inc. of Manorville, New York (Eastern), the drilling contractor, notified Dig Safely New York at least three days prior to the start of drilling.

4.2 Sampling Locations and Rationale

Soil, groundwater, and soil vapor samples were collected from four soil borings (SB-01 through SB-04), three temporary monitoring wells (TW-01, TW-03, and TW-04), and three soil vapor points (SV-01, SV-03, and SV-04), as depicted on Figure 2. The rationale for each sampling location is described in Table A, below.

Table A
Sampling Locations and Rationale

Boring/Well/Point	Location	Rationale
SB-01/TW-01/SV-01	Southern portion of Site; exterior loading dock	To assess subsurface conditions beneath the loading dock in the southern portion of the Site, including the potential for contamination in soil, soil vapor, and groundwater.
SB-02	North-central portion of Site within the Site building	To assess subsurface conditions in soil in the north-central portion of the Site.
SB-03/TW-03/SV-03	Southwestern portion of Site within Partial Cellar No. 1	To assess subsurface conditions in the southern portion of the Site, including the potential for petroleum contamination in soil, soil vapor, and groundwater beneath the petroleum AST.
SB-04/TW-04/SV-04	Eastern portion of Site within Partial Cellar No. 2	To assess subsurface conditions in the eastern portion of the Site, including the potential for contamination in soil, soil vapor, and groundwater.

4.3 Soil Sampling

Four borings (SB-01 through SB-04) were advanced by Eastern between September 29 and 30, 2025, at the approximate locations shown on Figure 2. Soil borings SB-01 and SB-02 were advanced from sidewalk grade with a track-mounted Geoprobe® direct-push probe (DPP) unit to the groundwater interface, which was encountered at approximately 19 to 20 feet bgs at sidewalk elevation. Borings SB-03 and SB-04 were advanced within the two partial cellars with a remote-access Geoprobe® unit to approximately 15 feet below the partial cellar slabs.

Soil cores from SB-01 and SB-02 were collected in 5-foot-long, 2-inch-diameter macrocore piston rod samplers fitted with acetate liners, while soil cores from SB-03 and SB-04 were collected in 3-

foot-long, 2-inch-diameter macrocore piston rod samplers fitted with acetate liners. Each core was split lengthwise, field-screened for volatile organic compounds (VOCs) using a photoionization detector (PID) calibrated with isobutylene gas prior to use in accordance with the manufacturer's specifications, and logged using the modified Burmister Classification System, noting any evidence of contamination (e.g., staining, sheens, or odors). Soil boring logs are provided in Appendix C.

Based on the field screening and sampling rationale (see Section 4.2), two soil samples were selected from each boring for laboratory analysis, as summarized in Table B. A third sample was selected from boring SB-03 due to its position next to the petroleum AST and the petroleum-like odors detected in soil from the boring.

Table B
Soil Sample Depths

Boring	Boring Depth (feet bgs)	Sample Depth (feet bgs)
SB-01	25	0-2
		18-20
SB-02	25	0-2
		18-20
SB-03	15	0-2
		11-13
		13-15
SB-04	15	0-2
		9-11

Note: bgs = below ground surface

Samples were placed in laboratory-supplied containers within a chilled cooler, in accordance with United States Environmental Protection Agency (EPA) protocols, and transported via courier with appropriate chain-of-custody (COC) documentation to Eurofins Environmental Testing Northeast, LLC of Edison, New Jersey (Eurofins), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory. Samples were analyzed for VOCs by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, polychlorinated biphenyls (PCBs) by EPA Method 8082, and Target Analyte List (TAL) metals by EPA Method 6000/7000 series.

4.4 Groundwater Sampling

Well Installation

Three temporary groundwater monitoring wells (TW-01, TW-03, and TW-04) were installed within borings SB-01, SB-03, and SB-04, respectively, for the collection of groundwater samples for laboratory analysis. The wells were installed by extending these borings approximately 5 feet below the observed water table, and placing a 10-foot-long, 1-inch-diameter polyvinyl chloride (PVC) well screen at the bottom of the boring, with solid tubing above the screen to grade. The approximate locations of the temporary wells are shown in Figure 2. Temporary well installation details are included on the soil boring logs provided in Appendix C.

Sample Collection

Prior to collecting the groundwater samples, the depth to groundwater and the total well depth was measured in each well using an oil-water interface probe attached to a measuring tape accurate to 0.01 foot. The wells were then purged using a peristaltic pump to remove approximately three well

volumes (and/or until the purge water was relatively clear of sediment). The purged water was periodically monitored for turbidity and water quality indicators (i.e., pH, temperature, dissolved oxygen, oxidation-reduction potential, and specific conductivity). Groundwater samples were collected after three well volumes were removed and turbidity was reduced to less than 50 NTUs.

Groundwater samples were placed in laboratory-supplied containers within a chilled cooler, in accordance with EPA protocols, and transported via courier with appropriate COC documentation to Eurofins. The samples were analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, and PCBs by EPA Method 8082. An aqueous trip blank accompanied the sample shipment and was analyzed for VOCs by EPA Method 8260 for quality control purposes. Groundwater sampling logs are provided in Appendix C.

4.5 Soil Vapor Sampling

One subsurface soil vapor point (SV-01) and 2 sub-slab soil vapor points (SV-03 and SV-04) were installed at the approximate locations shown on Figure 2 for the collection of soil vapor samples for laboratory analysis.

The subsurface soil vapor point (SV-01) was installed using the track-mounted Geoprobe® unit to advance a 0.75-inch-diameter hollow probe rod fitted with a 6-inch-long stainless-steel screened implant to 5 feet bgs. Dedicated tubing with threaded fittings was connected from the implant to above grade. The rod was then removed and the boring backfilled with clean silica sand to 1 foot above the implant. Hydrated bentonite was used to fill the remaining void to grade.

The sub-slab vapor points (SV-03 and SV-04) were installed by coring an approximately 2-inch-diameter hole through the concrete building slab, then boring approximately 6 inches deeper to install a 6-inch-long stainless-steel screened implant with connected dedicated tubing. The boring was backfilled with sand around the implant and the remaining void around the tubing was filled to the top of the slab with hydrated bentonite.

Prior to sampling the soil vapor points, approximately three sampler volumes were purged using a Gilair® Plus low flow sampling pump. During purging, a plastic shroud was placed over each sampling point and tubing and sealed with hydrated bentonite. Helium was introduced to saturate the atmosphere through a small hole in the shroud. Purged vapors were collected in dedicated 1-liter Tedlar® bags and field-screened with a portable helium detector to check for short-circuiting by ambient air (i.e., to verify the adequacy of the bentonite seal above the probe so that samples would be representative of soil vapor conditions). Helium concentrations less than the NYSDOH guideline of 10 percent were considered sufficient to verify the integrity of the seal. The Tedlar® bags were also screened for organic vapors using the PID. After purging, the tubing was connected to a laboratory-supplied, batch-certified clean 6-liter SUMMA canister equipped with a flow regulator to collect a sample over approximately two hours. The flow rate did not exceed 0.2 liters per minute during sampling collection. Once sampling was completed, the canisters were closed. After sampling, the soil vapor points were removed, the holes were backfilled, and the surface was restored to pre-sampling conditions. One ambient air sample (AA-1) was also collected in the outer courtyard for QA/QC purposes.

Methodologies used for soil vapor assessment were consistent with relevant portions of the NYSDOH *Final Guidance on Soil Vapor Intrusion*, dated October 2006, and ASTM International (ASTM) E2600-08, *Standard Practice for Assessment of Vapor Intrusion into Structures on Property Involved in Real Estate Transactions*. Samples were transported via courier with appropriate COC documentation to Eurofins for analysis of VOCs by EPA Method TO-15. Sampling logs are provided in Appendix C.

4.6 Quality Assurance/Quality Control (QA/QC) Samples

Additional samples were collected and analyzed for QA/QC purposes, as follows:

- One aqueous trip blank (TB-01) was included with a sample shipment and submitted for VOC analysis to identify potential cross-contamination from sample transit; and
- One ambient air sample (AA-01) was collected concurrently with the soil vapor samples and submitted for VOC analysis.

4.7 Investigation Derived Waste (IDW) Management

Given the evidence of petroleum in borings SB-01 and SB-02 (petroleum-like odors and PID detections), the remaining soil from those borings' cores (after sample collection) and the purge water from temporary well TW-01 were placed in labeled 55-gallon drums and staged at the Site pending off-site disposal. The IDW will be transported off-site in accordance with applicable regulations.

5.0 INVESTIGATION RESULTS

5.1 Geophysical Survey

During the geophysical survey, the locations of linear anomalies consistent with utilities were flagged or spray painted on the pavement. Boring locations were adjusted as needed to avoid conflicts with the identified utilities. No evidence of buried tanks was identified by the geophysical survey.

5.2 Field Observations

During implementation of the Phase II investigation, the following field observations were made:

- Site-wide surface cover comprised approximately 4 inches of concrete pavement in the exterior loading area, and 4- to 6-inch-thick concrete building slabs;
- The Site subsurface consisted of historic fill (sand, gravel, and silt with trace amounts of brick) to approximately 11 feet bgs, underlain by apparent native grey and/or brown sand and gravel with trace silt to 25 feet bgs (the terminus of the deepest boring). Bedrock was not encountered during the investigation, but is expected to be approximately 30 feet bgs at the Site;
- Groundwater was encountered at the Site at approximately 19 to 20 feet bgs at sidewalk grade. Based on the regional topography, groundwater is expected to generally flow in a west/northwesterly direction toward the East River; and
- Petroleum-like odors and elevated PID readings [up to 25 parts per million (ppm) in SB-03] were observed in soil borings SB-01 and SB-03.

Soil descriptions, sampling observations, and PID readings are detailed in the soil boring logs and groundwater sampling logs provided in Appendix C.

5.3 Soil Analytical Results

Analytical results from the nine soil samples were compared to the New York State Department of Environmental Conservation (NYSDEC) Soil Cleanup Objectives (SCOs) presented in Section 6.8 of 6 New York Codes, Rules, and Regulations (NYCRR) Part 375. Specifically, based on the intended future use of the Site, the Restricted Residential Soil Cleanup Objectives (RRSCOs) and Commercial Soil Cleanup Objectives (CSCOs), developed for the protection of public health, were used for comparison, but comparison to Unrestricted Use Soil Cleanup Objectives (UUSCOs) was also included in relation to potential soil handling/disposal requirements and to assess potential remediation scenarios in the context of a regulatory program. Exceedances of the SCOs are presented below, and laboratory results are summarized in Tables 1 through 4 and on Figure 3. The full analytical data is included in Appendix D.

VOCs

Nine VOCs [acetone, carbon disulfide, methyl ethyl ketone, methylcyclohexane, b-butylbenzene, sec-butylbenzene, tetrachloroethylene (PCE), toluene, and trichloroethylene (TCE)] were detected in one or more of the soil samples at concentrations ranging from an estimated 0.00034 milligrams per kilogram (mg/kg) (PCE in sample SB-02_0-2_20250929) to 0.19 mg/kg (sec-butylbenzene in sample SB-03_13-15_20250930), below UUSCOs. Analytical results for VOCs in soil are summarized in Table 1.

SVOCs

Eleven SVOCs [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, fluoranthene, fluorene, indeno(1,2,3-c,d)pyrene, phenanthrene,

and pyrene) were detected in one or more of the soil samples at concentrations ranging from an estimated 0.0084 mg/kg [benzo(k)fluoranthene in sample SB-03_11-13_20250930) to 0.65 mg/kg (phenanthrene in sample SB-03_13-15_20250930), below UUSCOs. Analytical results for SVOCs in soil are summarized in Table 2.

Metals

Twenty-three metals were detected in the soil samples. Four metals were detected at concentrations above the UUSCOs, RRSCOs, and/or CSCOs, as presented in Table C:

Table C
Metals in Soil above UUSCOs, RRSCOs, and CSCOs

Compound	Sample ID	UUSCO (mg/kg)	RRSCO (mg/kg)	CSCO (mg/kg)	Result (mg/kg)
Copper	SB-01_0-2_20250929	50	270	270	96.4
Lead	SB-01_0-2_20250929	63	400	1,000	<u>1,060</u>
	SB-02_0-2_20250929				137
Mercury	SB-01_0-2_20250929	0.18	0.81	2.8	2
Zinc	SB-01_0-2_20250929	109	10,000	10,000	519
	SB-02_0-2_20250929				119

Notes:

mg/kg = milligrams per kilogram

Exceedances of UUSCOs are bolded.

Exceedances of RRSCOs are shaded gray.

Exceedances of CSCOs are underlined.

Based on the field observations and Site history, these findings are most likely attributable to the fill material observed in the borings at the corresponding depths, and not to a release or other source area. Analytical results for metals in soil are summarized in Table 3.

PCBs

No PCBs were detected above the laboratory detection limits in any of the soil samples. Analytical results for PCBs in soil are summarized in Table 4.

5.4 Groundwater Analytical Results

Analytical results from the three groundwater samples were compared to the Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs) in the NYSDEC Division of Water Technical Operational and Guidance Series (TOGS) Memo 1.1.1. It should be noted that these Standards and Guidance Values were developed to protect human health assuming groundwater is used as the source of drinking water, a scenario which does not currently occur at the Site (and would not be expected in the future). Results are summarized in Tables 5 through 7 and presented in Figure 4. The full analytical data is included in Appendix D.

VOCs

Chlorinated VOCs (CVOCs) were detected at variable concentrations above the AWQSGVs in the three groundwater samples, as presented in Table D:

Table D
VOCs in Groundwater Above AWQSGVs

Compound	Sample ID	AWQSGVs (µg/L)	Result (µg/L)
Cis-1,2-Dichloroethylene	TW-01_20250930	5	9.3
	TW-03_20250930		30
	TW-04_20250930		28
Tetrachloroethylene (PCE)	TW-01_20250930	5	140
	TW-03_20250930		15
	TW-04_20250930		49
Trans-1,2-Dichloroethene	TW-01_20250930	5	5.9
	TW-04_20250930		8.4
Trichloroethylene (TCE)	TW-01_20250930	5	19
	TW-03_20250930		25
	TW-04_20250930		17

Notes:

µg/L = micrograms per liter

As discussed further in Sections 6.0 and 7.0, these findings are likely attributable to historical on-site dry cleaning and/or tool and cable manufacturing operations. Analytical results for VOCs in groundwater are summarized in Table 5.

SVOCs

No SVOCs were detected above AWQSGVs. Analytical results for SVOCs are summarized in Table 6.

PCBs

No PCBs were detected above the laboratory detection limits in the groundwater samples. Analytical results for PCBs in groundwater are summarized in Table 7.

5.5 Soil Vapor Analytical Results

Although there are currently no regulatory or published guidance values for VOCs in soil vapor, the soil vapor data was used to assess the potential for exposure to future building occupants and to help define the nature and extent of contamination at the Site. Petroleum-related compounds (including ethylbenzene, 1,2,4-trimethylbenzene, toluene, and m,p-xylenes) were detected in the soil vapor samples at concentrations up to 380 micrograms per cubic meter (µg/m³) (m,p-xylenes in SV-04), and CVOCs (including carbon tetrachloride, TCE, and PCE) were detected at concentrations up to 600 µg/m³ from a diluted analysis (PCE in SV-04).

Soil vapor detections are presented in Table E:

Table E
VOC Detections in Soil Vapor

Compound	Sample ID (µg/m ³)	Result (µg/m ³)
1,1,1-Trichloroethane	SV-04_20250930	5.2
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	SV-04_20250930	0.52 J
1,2,4-Trimethylbenzene	SV-03_20250930	110
	SV-04_20250930	57

Compound	Sample ID ($\mu\text{g}/\text{m}^3$)	Result ($\mu\text{g}/\text{m}^3$)
1,3,5-Trimethylbenzene (Mesitylene)	SV-03_20250930	41
	SV-04_20250930	23
1,3-Butadiene	SV-03_20250930	0.74
1,3-Dichlorobenzene	SV-01_20250929	0.61 J
	SV-03_20250930	2.3
	SV-04_20250930	0.83 J
2,2,4-Trimethylpentane	AA-01_20250929	0.8 J
	SV-01_20250929	0.47 J
	SV-03_20250930	25
	SV-04_20250930	54
2-Hexanone	SV-01_20250929	0.75 J
	SV-03_20250930	42
	SV-04_20250930	7
Acetone	AA-01_20250929	14
	SV-01_20250929	49
	SV-03_20250930	28
	SV-04_20250930	180 D
Benzene	AA-01_20250929	0.49 J
	SV-01_20250929	1.6
	SV-03_20250930	14
	SV-04_20250930	25
Butane	AA-01_20250929	1.7
	SV-03_20250930	12
	SV-04_20250930	4.6
Carbon Disulfide	SV-01_20250929	0.97 J
	SV-03_20250930	3.9
	SV-04_20250930	3.4
Carbon Tetrachloride	AA-01_20250929	0.51
	SV-01_20250929	0.41
	SV-03_20250930	0.46
	SV-04_20250930	0.46
Chlorodifluoromethane	AA-01_20250929	0.98 J
	SV-01_20250929	1.2 J
	SV-03_20250930	1.1 J
	SV-04_20250930	1.2 J
Chloroform	SV-01_20250929	0.64 J
	SV-03_20250930	0.62 J
	SV-04_20250930	2.2
Chloromethane	AA-01_20250929	0.89 J
	SV-03_20250930	0.38 J
	SV-04_20250930	0.32 J
Cis-1,2-Dichloroethylene	SV-04_20250930	4.4

Compound	Sample ID (µg/m³)	Result (µg/m³)
Cyclohexane	AA-01_20250929	0.23 J
	SV-01_20250929	0.53 J
	SV-03_20250930	15
	SV-04_20250930	25
Cymene	SV-04_20250930	1 J
Dichlorodifluoromethane	AA-01_20250929	2.3 J
	SV-01_20250929	2.1 J
	SV-03_20250930	2.1 J
	SV-04_20250930	2 J
Ethylbenzene	SV-01_20250929	4.8
	SV-03_20250930	72
	SV-04_20250930	100
Isopropylbenzene (Cumene)	SV-01_20250929	0.5 J
	SV-03_20250930	20
	SV-04_20250930	24
M,P-Xylenes	AA-01_20250929	0.7 J
	SV-01_20250929	14
	SV-03_20250930	300
	SV-04_20250930	380
Methyl Ethyl Ketone (2-Butanone)	SV-01_20250929	4.9
	SV-03_20250930	6.3
	SV-04_20250930	11
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	AA-01_20250929	0.6 J
	SV-01_20250929	2.6
	SV-03_20250930	2.3
	SV-04_20250930	1.3 J
Methyl Methacrylate	AA-01_20250929	1.3 J
N-Butylbenzene	SV-03_20250930	3.3
	SV-04_20250930	0.83 J
N-Heptane	SV-01_20250929	0.57 J
	SV-03_20250930	25
	SV-04_20250930	49
N-Hexane	SV-01_20250929	0.46 J
	SV-03_20250930	16
	SV-04_20250930	30
N-Propylbenzene	SV-03_20250930	23
	SV-04_20250930	19
O-Xylene (1,2-Dimethylbenzene)	SV-01_20250929	3.3
	SV-03_20250930	130
	SV-04_20250930	150
Sec-Butylbenzene	SV-03_20250930	2.5
Tert-Butyl Alcohol	SV-01_20250929	9 J

Compound	Sample ID ($\mu\text{g}/\text{m}^3$)	Result ($\mu\text{g}/\text{m}^3$)
Tert-Butyl Methyl Ether	SV-03_20250930	0.62 J
	SV-04_20250930	0.3 J
Tetrachloroethylene (PCE)	SV-01_20250929	11
	SV-03_20250930	120
	SV-04_20250930	600 D
Toluene	AA-01_20250929	2.1
	SV-01_20250929	4.2
	SV-03_20250930	170
	SV-04_20250930	290 D
Trans-1,2-Dichloroethene	SV-03_20250930	0.61 J
	SV-04_20250930	3.2
Trichloroethylene (TCE)	SV-03_20250930	7.2
	SV-04_20250930	78
Trichlorofluoromethane	AA-01_20250929	1.3
	SV-01_20250929	2.7
	SV-03_20250930	5.9
	SV-04_20250930	26

Notes:

J = The concentration given is an estimated value.

D = Indicates an identified compound in an analysis that has been diluted.

$\mu\text{g}/\text{m}^3$ = micrograms per cubic meter

PCE is the most common dry-cleaning solvent and TCE historically was a common industrial solvent but is also a degradation product of PCE. The presence of PCE and TCE in soil vapor are likely associated with the historical on-site dry cleaning and/or cable and tool manufacturing operations.

The petroleum compounds detected in soil vapor may be associated with the current AST located in Partial Cellar No. 1.

Soil vapor data is summarized in Table 8, and the full analytical data set can be found in Appendix D. Soil vapor concentrations are shown on Figure 5.

6.0 CONCEPTUAL SITE MODEL

Based on a review of the previous Phase I ESA and an evaluation of the data and information in this Phase II report, the affected media at the Site includes groundwater, soil vapor, and to a lesser extent soil. The Site is contaminated with VOCs, SVOCs, and metals in soil; VOCs in groundwater; and petroleum-related VOCs and CVOCs in soil vapor.

The elevated concentrations of metals in soil/fill were detected in the shallow samples (between ground surface and two feet bgs at sidewalk grade), and the levels appear to be related to the presence of fill material at the Site. Fill material was observed to approximately 11 feet bgs (from sidewalk grade) in the borings. Trace concentrations of SVOCs were also detected in shallow soil and are likely related to the presence of fill materials at the Site. Trace concentrations of VOCs were detected in soil down to approximately 15 feet bgs (the terminus of the deepest boring) and are likely related to historical dry cleaning and petroleum bulk storage at the Site.

The CVOC PCE, and some of its breakdown compounds (TCE, cis-1,2-dichloroethylene, and trans-1,2-dichloroethene), were detected at elevated concentrations in groundwater across the Site. These detections are likely related to historical dry cleaning and/or cable and tool manufacturing operations at the Site. Although no exceedances of SCOs for chlorinated solvents were found during this investigation, trace concentrations of PCE were detected in shallow soil in two borings, which suggests the likelihood of an on-site source at the Site.

Petroleum-related VOCs and CVOCs were detected at variable concentrations in soil vapor samples collected from the Site. These detections are likely attributable to historical dry cleaning, cable and tool manufacturing, and petroleum bulk storage at the Site.

Based on the Phase II data and the Site topography, it is not likely that contaminants in soil are migrating off-site; however, contaminants in soil vapor and groundwater may be migrating off-site.

7.0 CONCLUSIONS

Between September 29 and October 1, 2025, AKRF, Inc. (AKRF) conducted a Phase II Environmental Site Assessment (ESA) of 23-56 Broadway in Astoria, Queens, New York (the Site). The 6,385-square-foot Site, as shown on Figures 1 and 2, is also identified as Queens Tax Map 4, Block 556, Lot 50. The Site contained a one-story, 8,670-gross-square-foot (gsf) commercial building with two partial cellars, which occupied a majority of the lot footprint. A small concrete-paved exterior loading dock area was located in the southeastern corner of the Site along Crescent Street. According to the November 2024 Phase I ESA prepared by American Environmental Assessment & Solutions, Inc. (AEAS), the Site was historically used for dry cleaning, and cable and power tool manufacturing. The Site building was most recently used as a community center.

The objective of the investigation was to assess the Recognized Environmental Conditions (RECs) identified in the AEAS Phase I ESA and to complete a preliminary characterization of subsurface conditions at the Site, especially in areas of potential soil disturbance during Site redevelopment. The scope consisted of a geophysical survey; the advancement of four borings with continuous soil core collection, field screening, and collection of nine soil samples; installation of three temporary groundwater monitoring wells with collection of three groundwater samples; and installation of three temporary soil vapor points with the collection of three soil vapor samples and one ambient air sample.

Based on the findings of this investigation, AKRF concludes the following:

- The Site subsurface consisted of historic fill (sand, gravel, and silt with trace amounts of brick) to approximately 11 feet below ground surface (bgs), underlain by apparent native grey and/or brown sand and gravel with trace silt to 25 feet bgs (the terminus of the deepest boring). Bedrock was not encountered during the investigation but is expected to be approximately 30 feet bgs at the Site.
- Groundwater was encountered at the Site at approximately 19 to 20 feet bgs at sidewalk grade. Based on the regional topography, groundwater is expected to generally flow in a west/northwesterly direction toward the East River.
- Petroleum-like odors and elevated photoionization detector (PID) readings [up to 25 parts per million (ppm) in SB-03] were observed in soil borings SB-01 and SB-03.
- Low level concentrations of certain volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs) were detected in shallow soil below the Unrestricted Use Soil Cleanup Objectives (UUSCOs), Restricted Residential Use Soil Cleanup Objectives (RRSCOs), and Commercial Use Soil Cleanup Objectives (CSCOs), and four metals (copper, lead, mercury, and zinc) were detected at concentrations above UUSCOs, RRSCOs, and/or CSCOs in shallow soil. These detections are likely attributable to the presence of historic fill.
- The chlorinated VOCs (CVOCs) tetrachloroethylene (PCE), trichloroethylene (TCE), cis-1,2-dichloroethylene, and trans-1,2-dichloroethene were detected at concentrations above the Ambient Water Quality Standards and Guidance Values (AWQSGVs) in groundwater across the Site. These detections are likely related to historical dry cleaning and/or cable and tool manufacturing operations at the Site.
- Petroleum-related VOCs and CVOCs were detected at variable concentrations in soil vapor samples collected from the Site. These detections are likely attributable to historical dry cleaning, cable and tool manufacturing, and petroleum bulk storage at the Site.

8.0 RECOMMENDATIONS

AKRF understands that the Client has acquired the Site and intends to redevelop it with a multi-story, mixed-use commercial and residential building. As such, given the above findings, AKRF recommends the following:

- Based on the contamination identified, the Client may wish to discuss the Site's eligibility for the New York City Mayor's Office of Environmental Remediation (OER) Voluntary Cleanup Program (VCP) and/or NYSDEC Brownfield Cleanup Program (BCP).
- Waste characterization sampling should be conducted prior to redevelopment in accordance with intended disposal facility requirements for all soil/fill to be removed during redevelopment. This issue is discussed further in Section 10.0. Transportation of material leaving the Site for disposal must be in accordance with federal, state, and local regulatory requirements covering licensing of haulers and trucks, placarding, truck routes, manifesting, etc.
- The aboveground storage tank (AST) identified during the investigation should be closed and removed, along with any contaminated soil that may be encountered, in accordance with applicable regulations [including New York State Department of Environmental Conservation (NYSDEC) spill reporting and tank registration requirements].
- A vapor mitigation system should be incorporated into any proposed new buildings. Based on the soil vapor analytical results, an additional indoor air quality investigation may be warranted within the new building at these locations to determine if vapor mitigation (i.e., an active SSDS) is warranted in the existing building if it will be occupied.
- If dewatering is required during future construction activities, water must be discharged in accordance with New York City Department of Environmental Protection (NYCDEP) and/or NYSDEC requirements.

9.0 LIMITATIONS

The results set forth in this report are strictly limited in scope and time to its date of the evaluation. The findings and recommendations presented are based solely on the services and any limitations described in the report.

The report contains conclusions that are based on the analysis of data collected at the time and locations noted through intrusive or non-intrusive sampling. However, further investigation might reveal additional data or variations from the collected data, which might modify our understanding of the conditions presented in this report and require the recommendations to be modified.

Chemical analyses were performed for specific parameters, as summarized in the text, tables, and appendices. It should be noted that additional constituents not searched for may be present as well. Due to the nature of the investigation and the limited data generated, no warranty, expressed or implied, shall be construed with respect to undiscovered liabilities. In particular, the presence of biological hazards, radioactive materials, lead-based paint, asbestos-containing materials, or other contaminants in building materials (e.g., polychlorinated biphenyls or mercury) were not investigated, unless specified in the report.

Interpretations of the data, including comparison to regulatory standards, guidelines, or background or typical values, are not opinions that these comparisons are legally applicable, relevant, or appropriate. Furthermore, all findings and recommendations should not be construed as legal advice. For such advice, the Client is recommended to seek appropriate legal counsel. Disturbance, handling, transportation, storage, and disposal of known or potentially contaminated materials is subject to a multitude of laws, which are not fully described in this report.

The analytical data, results, conclusions, and/or recommendations provided in this report should not be construed in any way as a classification of waste that may be generated during future disturbance of the Site. Waste(s) generated at the Site, including excess fill, may be considered regulated solid waste and potentially regulated hazardous waste. Requirements for intended disposal facilities should be determined before excavation, as the data provided in this report are most likely insufficient for waste classification purposes.

This report may be based partially on data collected, conducted, or provided to AKRF by others. No warranty is expressed or implied by usage of such data. Data may have been based upon available previous reports, historical records, documentation from government agencies, personal interviews, and geological mapping. This report is subject, at a minimum, to the limitations of the previous reports, documents, etc. Unless noted otherwise, AKRF has assumed that the information in these previous reports, documents, etc. is accurate, despite limited or often no corroboratory evidence.

This report is intended for use solely by Broadway Astoria Arts LLC. Reliance by third parties on the information and opinions contained herein is strictly prohibited and requires the written consent of AKRF. AKRF accepts no responsibility for damages incurred by third parties for any decisions or actions taken based on this report. This report must be used, interpreted, and presented in its entirety.

10.0 SOIL DISPOSAL ISSUES

In addition to the discussions in the Results, Conclusions, Recommendations, and Limitations Sections herein, the issue of appropriate management of off-site disposal of soil warrants careful consideration. Unless determined otherwise by an environmental professional and/or an appropriate regulatory agency, any material being removed from the Site should be assumed to be a regulated waste, and disposal or other off-site use must be in accordance with:

- Requirements of the specific receiving facility;
- Requirements of any agencies overseeing the cleanup/excavation; and
- Federal and state requirements (typically in both the state where the soil is generated and where disposal will occur).

For hazardous wastes and petroleum-contaminated soil (and other “clearly contaminated” materials), the requirements are usually fairly well defined. It is in the situation where contamination is not readily apparent (e.g., so called “fill” or “historic/urban fill,” “construction and demolition debris,” or material that previously may have been identified as “clean”) that presents the greatest potential for problems and cost overruns. Even on sites where no contamination requiring remediation is identified, it is common that most, if not all, of the excavated material is considered “contaminated” or is otherwise regulated for purposes of waste disposal or off-site use as a “solid waste.” Concentrations of the various contaminants in Site soil can be highly variable, and upon further testing, the material could contain higher contaminant concentrations than were found in this investigation. Thus, portions of this material could be classified as hazardous waste.

It is important to identify the intended receiving facility (or facilities) in advance of removing excavated materials from the Site. Agency approval is sometimes required prior to disposal or other off-site uses, and the facility will usually require additional testing prior to (and sometimes at the time of) accepting material. Material must conform to a lengthy list of requirements based on both chemical composition and numerous other parameters (such as size, percentage of liquids, and presence of odors) for acceptance. Assuming (or allowing a contractor to assume) that all, or even most, of the soil from a site can be disposed of at minimal cost may result in unanticipated and expensive change orders.

For these reasons, we recommend seeking professional advice prior to preparing bid documents and contracts incorporating soil disposal.

TABLES

Table 1
23-56 Broadway
Astoria, New York
Phase II Environmental Site Assessment
Soil Analytical Results of Volatile Organic Compounds (VOCs)

AKRF Sample ID				SB-01_0-2_20250929	SB-01_18-20_20250929	SB-02_0-2_20250929	SB-02_18-20_20250929	SB-03_0-2_20250930	SB-03_11-13_20250930
Lab Sample ID				460-335984-1	460-335984-2	460-335984-3	460-335984-4	460-336108-1	460-336108-2
Sample Date				9/29/2025	9/29/2025	9/29/2025	9/29/2025	9/30/2025	9/30/2025
Dilution Factor				1	1	1	1	1	1
Unit				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	UUSCO	RRSCO	CSCO	CONC/Q	CONC/Q	CONC/Q	CONC/Q	CONC/Q	CONC/Q
1,1,1-Trichloroethane	0.68	100	500	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
1,1-Dichloroethane	0.27	26	240	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
1,1-Dichloroethene	0.33	100	500	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
1,2,4-Trimethylbenzene	3.6	52	190	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	500	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	30	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
1,2-Dichloropropane	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	190	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
1,3-Dichlorobenzene	2.4	49	280	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
1,4-Dichlorobenzene	1.8	13	130	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
2-Hexanone	NS	NS	NS	0.0053 U	0.0049 U	0.0051 U	0.0052 U	0.0053 U	0.0053 U
Acetone	0.05	100	500	0.013	0.0061	0.0096	0.01	0.0082	0.011
Benzene	0.06	4.8	44	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Bromochloromethane	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Bromodichloromethane	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Bromoform	NS	NS	NS	0.0011 UT	0.00097 UT	0.001 UT	0.001 UT	0.0011 UT	0.0011 UT
Bromomethane	NS	NS	NS	0.0021 U	0.0019 U	0.002 U	0.0021 U	0.0021 U	0.0021 U
Carbon Disulfide	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	22	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Chlorobenzene	1.1	100	500	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Chloroethane	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Chloroform	0.37	49	350	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Chloromethane	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	500	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Cyclohexane	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Dibromochloromethane	NS	NS	NS	0.0011 UT	0.00097 UT	0.001 UT	0.001 UT	0.0011 UT	0.0011 UT
Dichlorodifluoromethane	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Ethylbenzene	1	41	390	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
M,P-Xylenes	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Methyl Acetate	NS	NS	NS	0.0053 UT	0.0049 UT	0.0051 UT	0.0052 UT	0.0053 UT	0.0053 UT
Methyl Ethyl Ketone (2-Butanone)	0.12	100	500	0.00099 J	0.0049 U	0.0051 U	0.0052 U	0.0053 U	0.0053 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0053 U	0.0049 U	0.0051 U	0.0052 U	0.0053 U	0.0053 U
Methylcyclohexane	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Methylene Chloride	0.05	100	500	0.0021 U	0.0019 U	0.002 U	0.0021 U	0.0021 U	0.0021 U
N-Butylbenzene	12	100	500	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
N-Propylbenzene	3.9	100	500	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Sec-Butylbenzene	11	100	500	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Styrene	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
T-Butylbenzene	5.9	100	500	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Tert-Butyl Methyl Ether	0.93	100	500	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	19	150	0.0016	0.00097 U	0.00034 J	0.001 U	0.0011 U	0.0011 U
Toluene	0.7	100	500	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	500	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	200	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Trichlorofluoromethane	NS	NS	NS	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Vinyl Chloride	0.02	0.9	13	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.0011 U
Xylenes, Total	0.26	100	500	0.0021 U	0.0019 U	0.002 U	0.0021 U	0.0021 U	0.0021 U

Table 1
23-56 Broadway
Astoria, New York
Phase II Environmental Site Assessment
Soil Analytical Results of Volatile Organic Compounds (VOCs)

AKRF Sample ID				SB-03_13-15_20250930	SB-04_0-2_20250930	SB-04_9-11_20250930	TB-01_20250930
Lab Sample ID				460-336108-3	460-336108-4	460-336108-5	460-336108-6
Sample Date				9/30/2025	9/30/2025	9/30/2025	9/30/2025
Dilution Factor				1	1	1	1
Unit				mg/kg	mg/kg	mg/kg	µg/l
Compound	UUSCO	RRSCO	CSCO	CONC/Q	CONC/Q	CONC/Q	CONC/Q
1,1,1-Trichloroethane	0.68	100	500	0.00097 U	0.0012 U	0.0011 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.00097 U	0.0012 U	0.0011 U	0.2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.00097 U	0.0012 U	0.0011 U	1 U
1,1,2-Trichloroethane	NS	NS	NS	0.00097 U	0.0012 U	0.0011 U	0.58 U
1,1-Dichloroethane	0.27	26	240	0.00097 U	0.0012 U	0.0011 U	1 U
1,1-Dichloroethene	0.33	100	500	0.00097 U	0.0012 U	0.0011 U	1 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.00097 U	0.0012 U	0.0011 U	1 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.00097 U	0.0012 U	0.0011 U	1 U
1,2,4-Trimethylbenzene	3.6	52	190	0.00097 U	0.0012 U	0.0011 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.00097 U	0.0012 U	0.0011 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.00097 U	0.0012 U	0.0011 U	1 U
1,2-Dichlorobenzene	1.1	100	500	0.00097 U	0.0012 U	0.0011 U	1 U
1,2-Dichloroethane	0.02	3.1	30	0.00097 U	0.0012 U	0.0011 U	0.3 U
1,2-Dichloropropane	NS	NS	NS	0.00097 U	0.0012 U	0.0011 U	0.92 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	190	0.00097 U	0.0012 U	0.0011 U	1 U
1,3-Dichlorobenzene	2.4	49	280	0.00097 U	0.0012 U	0.0011 U	1 U
1,4-Dichlorobenzene	1.8	13	130	0.00097 U	0.0012 U	0.0011 U	1 U
2-Hexanone	NS	NS	NS	0.0048 U	0.0061 U	0.0055 U	5 UT
Acetone	0.05	100	500	0.028	0.0073 U	0.011	7
Benzene	0.06	4.8	44	0.00097 U	0.0012 U	0.0011 U	0.45 U
Bromochloromethane	NS	NS	NS	0.00097 U	0.0012 U	0.0011 U	1 U
Bromodichloromethane	NS	NS	NS	0.00097 U	0.0012 U	0.0011 U	0.98 U
Bromoform	NS	NS	NS	0.00097 UT	0.0012 UT	0.0011 UT	1 U
Bromomethane	NS	NS	NS	0.0019 U	0.0024 U	0.0022 U	1 U
Carbon Disulfide	NS	NS	NS	0.0018	0.0012 U	0.0011 U	1 U
Carbon Tetrachloride	0.76	2.4	22	0.00097 U	0.0012 U	0.0011 U	1 U
Chlorobenzene	1.1	100	500	0.00097 U	0.0012 U	0.0011 U	1 U
Chloroethane	NS	NS	NS	0.00097 U	0.0012 U	0.0011 U	1 U
Chloroform	0.37	49	350	0.00097 U	0.0012 U	0.0011 U	1 U
Chloromethane	NS	NS	NS	0.00097 U	0.0012 U	0.0011 U	1 U
Cis-1,2-Dichloroethylene	0.25	100	500	0.00097 U	0.0012 U	0.0011 U	1 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.00097 U	0.0012 U	0.0011 U	0.45 U
Cyclohexane	NS	NS	NS	0.00097 U	0.0012 U	0.0011 U	1 U
Dibromochloromethane	NS	NS	NS	0.00097 UT	0.0012 UT	0.0011 UT	0.78 U
Dichlorodifluoromethane	NS	NS	NS	0.00097 U	0.0012 U	0.0011 U	1 U
Ethylbenzene	1	41	390	0.00097 U	0.0012 U	0.0011 U	1 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.00097 U	0.0012 U	0.0011 U	1 U
M,P-Xylenes	NS	NS	NS	0.00097 U	0.0012 U	0.0011 U	1 U
Methyl Acetate	NS	NS	NS	0.0048 UT	0.0061 UT	0.0055 UT	5 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	500	0.0035 J	0.0061 U	0.0055 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0048 U	0.0061 U	0.0055 U	5 U
Methylcyclohexane	NS	NS	NS	0.12	0.0012 U	0.0011 U	1 U
Methylene Chloride	0.05	100	500	0.0019 U	0.0024 U	0.0022 U	1 U
N-Butylbenzene	12	100	500	0.077	0.0012 U	0.0011 U	1 U
N-Propylbenzene	3.9	100	500	0.00097 U	0.0012 U	0.0011 U	1 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.00097 U	0.0012 U	0.0011 U	1 U
Sec-Butylbenzene	11	100	500	0.19	0.0012 U	0.0011 U	1 U
Styrene	NS	NS	NS	0.00097 U	0.0012 U	0.0011 U	1 U
T-Butylbenzene	5.9	100	500	0.00097 U	0.0012 U	0.0011 U	1 U
Tert-Butyl Methyl Ether	0.93	100	500	0.00097 U	0.0012 U	0.0011 U	1 U
Tetrachloroethylene (PCE)	1.3	19	150	0.00097 U	0.0012 U	0.0011 U	0.4 U
Toluene	0.7	100	500	0.00042 J	0.0012 U	0.0011 U	1 U
Trans-1,2-Dichloroethene	0.19	100	500	0.00097 U	0.0012 U	0.0011 U	1 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.00097 U	0.0012 U	0.0011 U	0.45 U
Trichloroethylene (TCE)	0.47	21	200	0.0024	0.0012 U	0.0011 U	0.28 U
Trichlorofluoromethane	NS	NS	NS	0.00097 U	0.0012 U	0.0011 U	1 U
Vinyl Chloride	0.02	0.9	13	0.00097 U	0.0012 U	0.0011 U	1 U
Xylenes, Total	0.26	100	500	0.0019 U	0.0024 U	0.0022 U	2 U

Table 2
23-56 Broadway
Astoria, New York
Phase II Environmental Site Assessment
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

AKRF Sample ID				SB-01_0-2_20250929	SB-01_18-20_20250929	SB-02_0-2_20250929
Lab Sample ID				460-335984-1	460-335984-2	460-335984-3
Sample Date				9/29/2025	9/29/2025	9/29/2025
Dilution Factor				1	1	1
Unit				mg/kg	mg/kg	mg/kg
Compound	UUSCO	RRSCO	CSCO	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	0.33 U	0.33 U	0.33 U
1,4-Dioxane (P-Dioxane)	0.1	13	130	0.033 U	0.033 U	0.033 U
2,3,4,6-Tetrachlorophenol	NS	NS	NS	0.33 U	0.33 U	0.33 U
2,4,5-Trichlorophenol	NS	NS	NS	0.33 U	0.33 U	0.33 U
2,4,6-Trichlorophenol	NS	NS	NS	0.13 U	0.13 U	0.13 U
2,4-Dichlorophenol	NS	NS	NS	0.13 U	0.13 U	0.13 U
2,4-Dimethylphenol	NS	NS	NS	0.33 U	0.33 U	0.33 U
2,4-Dinitrophenol	NS	NS	NS	0.27 U	0.27 U	0.27 U
2,4-Dinitrotoluene	NS	NS	NS	0.068 U	0.067 U	0.067 U
2,6-Dinitrotoluene	NS	NS	NS	0.068 U	0.067 U	0.067 U
2-Chloronaphthalene	NS	NS	NS	0.33 U	0.33 U	0.33 U
2-Chlorophenol	NS	NS	NS	0.33 U	0.33 U	0.33 U
2-Methylnaphthalene	NS	NS	NS	0.33 U	0.33 U	0.33 U
2-Methylphenol (O-Cresol)	0.33	100	500	0.33 U	0.33 U	0.33 U
2-Nitroaniline	NS	NS	NS	0.33 U	0.33 U	0.33 U
2-Nitrophenol	NS	NS	NS	0.33 U	0.33 U	0.33 U
3- And 4- Methylphenol (Total)	NS	NS	500	0.33 U	0.33 U	0.33 U
3,3'-Dichlorobenzidine	NS	NS	NS	0.13 U	0.13 U	0.13 U
3-Nitroaniline	NS	NS	NS	0.33 U	0.33 U	0.33 U
4,6-Dinitro-2-Methylphenol	NS	NS	NS	0.27 U	0.27 U	0.27 U
4-Bromophenyl Phenyl Ether	NS	NS	NS	0.33 U	0.33 U	0.33 U
4-Chloro-3-Methylphenol	NS	NS	NS	0.33 U	0.33 U	0.33 U
4-Chloroaniline	NS	NS	NS	0.33 U	0.33 U	0.33 U
4-Chlorophenyl Phenyl Ether	NS	NS	NS	0.33 U	0.33 U	0.33 U
4-Methylphenol (P-Cresol)	0.33	100	500	0.33 U	0.33 U	0.33 U
4-Nitroaniline	NS	NS	NS	0.33 U	0.33 U	0.33 U
4-Nitrophenol	NS	NS	NS	0.68 U	0.67 U	0.67 U
Acenaphthene	20	100	500	0.33 U	0.33 U	0.33 U
Acenaphthylene	100	100	500	0.33 U	0.33 U	0.33 U
Acetophenone	NS	NS	NS	0.33 U	0.33 U	0.33 U
Anthracene	100	100	500	0.33 U	0.33 U	0.33 U
Atrazine	NS	NS	NS	0.13 U	0.13 U	0.13 U
Benzaldehyde	NS	NS	NS	0.33 U	0.33 U	0.33 U
Benzo(a)Anthracene	1	1	5.6	0.073	0.033 U	0.033 U
Benzo(a)Pyrene	1	1	1	0.067	0.033 U	0.033 U
Benzo(b)Fluoranthene	1	1	5.6	0.093	0.033 U	0.012 J
Benzo(g,h,i)Perylene	100	100	500	0.046 J	0.33 U	0.33 U
Benzo(k)Fluoranthene	0.8	3.9	56	0.031 J	0.033 U	0.033 U
Benzyl Butyl Phthalate	NS	NS	NS	0.33 U	0.33 U	0.33 U
Biphenyl (Diphenyl)	NS	NS	NS	0.33 U	0.33 U	0.33 U
Bis(2-Chloroethoxy) Methane	NS	NS	NS	0.33 U	0.33 U	0.33 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NS	0.033 U	0.033 U	0.033 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NS	0.33 U	0.33 U	0.33 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NS	0.33 U	0.33 U	0.33 U
Caprolactam	NS	NS	NS	0.33 U	0.33 U	0.33 U
Carbazole	NS	NS	NS	0.33 U	0.33 U	0.33 U
Chrysene	1	3.9	56	0.077 J	0.33 U	0.33 U
Dibenz(a,h)Anthracene	0.33	0.33	0.56	0.033 U	0.033 U	0.033 U
Dibenzofuran	7	59	350	0.33 U	0.33 U	0.33 U
Diethyl Phthalate	NS	NS	NS	0.33 U	0.33 U	0.33 U
Dimethyl Phthalate	NS	NS	NS	0.33 U	0.33 U	0.33 U
Di-N-Butyl Phthalate	NS	NS	NS	0.33 U	0.33 U	0.33 U
Di-N-Octylphthalate	NS	NS	NS	0.33 U	0.33 U	0.33 U
Fluoranthene	100	100	500	0.13 J	0.33 U	0.018 J
Fluorene	30	100	500	0.33 U	0.33 U	0.33 U
Hexachlorobenzene	0.33	1.2	6	0.033 U	0.033 U	0.033 U
Hexachlorobutadiene	NS	NS	NS	0.068 U	0.067 U	0.067 U
Hexachlorocyclopentadiene	NS	NS	NS	0.33 U	0.33 U	0.33 U
Hexachloroethane	NS	NS	NS	0.033 U	0.033 U	0.033 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	5.6	0.043	0.033 U	0.033 U
Isophorone	NS	NS	NS	0.13 U	0.13 U	0.13 U
Naphthalene	12	100	500	0.33 U	0.33 U	0.33 U
Nitrobenzene	NS	NS	NS	0.033 U	0.033 U	0.033 U
N-Nitrosodi-N-Propylamine	NS	NS	NS	0.033 U	0.033 U	0.033 U
N-Nitrosodiphenylamine	NS	NS	NS	0.33 U	0.33 U	0.33 U
Pentachlorophenol	0.8	6.7	6.7	0.27 U	0.27 U	0.27 U
Phenanthrene	100	100	500	0.055 J	0.33 U	0.33 U
Phenol	0.33	100	500	0.33 U	0.33 U	0.33 U
Pyrene	100	100	500	0.14 J	0.33 U	0.019 J

Table 2
23-56 Broadway
Astoria, New York
Phase II Environmental Site Assessment
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

AKRF Sample ID				SB-02_18-20_20250929	SB-03_0-2_20250930	SB-03_11-13_20250930
Lab Sample ID				460-335984-4	460-336108-1	460-336108-2
Sample Date				9/29/2025	9/30/2025	9/30/2025
Dilution Factor				1	1	1
Unit				mg/kg	mg/kg	mg/kg
Compound	UUSCO	RRSCO	CSCO	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	0.34 U	0.35 U	0.34 U
1,4-Dioxane (P-Dioxane)	0.1	13	130	0.034 U	0.035 U	0.034 U
2,3,4,6-Tetrachlorophenol	NS	NS	NS	0.34 U	0.35 U	0.34 U
2,4,5-Trichlorophenol	NS	NS	NS	0.34 U	0.35 U	0.34 U
2,4,6-Trichlorophenol	NS	NS	NS	0.14 U	0.14 U	0.14 U
2,4-Dichlorophenol	NS	NS	NS	0.14 U	0.14 U	0.14 U
2,4-Dimethylphenol	NS	NS	NS	0.34 U	0.35 U	0.34 U
2,4-Dinitrophenol	NS	NS	NS	0.27 U	0.29 U	0.27 U
2,4-Dinitrotoluene	NS	NS	NS	0.069 U	0.072 U	0.069 U
2,6-Dinitrotoluene	NS	NS	NS	0.069 U	0.072 U	0.069 U
2-Chloronaphthalene	NS	NS	NS	0.34 U	0.35 U	0.34 U
2-Chlorophenol	NS	NS	NS	0.34 U	0.35 U	0.34 U
2-Methylnaphthalene	NS	NS	NS	0.34 U	0.35 U	0.34 U
2-Methylphenol (O-Cresol)	0.33	100	500	0.34 U	0.35 U	0.34 U
2-Nitroaniline	NS	NS	NS	0.34 U	0.35 U	0.34 U
2-Nitrophenol	NS	NS	NS	0.34 U	0.35 U	0.34 U
3- And 4- Methylphenol (Total)	NS	NS	500	0.34 U	0.35 U	0.34 U
3,3'-Dichlorobenzidine	NS	NS	NS	0.14 U	0.14 U	0.14 U
3-Nitroaniline	NS	NS	NS	0.34 U	0.35 U	0.34 U
4,6-Dinitro-2-Methylphenol	NS	NS	NS	0.27 U	0.29 U	0.27 U
4-Bromophenyl Phenyl Ether	NS	NS	NS	0.34 U	0.35 U	0.34 U
4-Chloro-3-Methylphenol	NS	NS	NS	0.34 U	0.35 U	0.34 U
4-Chloroaniline	NS	NS	NS	0.34 U	0.35 U	0.34 U
4-Chlorophenyl Phenyl Ether	NS	NS	NS	0.34 U	0.35 U	0.34 U
4-Methylphenol (P-Cresol)	0.33	100	500	0.34 U	0.35 U	0.34 U
4-Nitroaniline	NS	NS	NS	0.34 U	0.35 U	0.34 U
4-Nitrophenol	NS	NS	NS	0.69 U	0.72 U	0.69 U
Acenaphthene	20	100	500	0.34 U	0.35 U	0.34 U
Acenaphthylene	100	100	500	0.34 U	0.35 U	0.34 U
Acetophenone	NS	NS	NS	0.34 U	0.35 U	0.34 U
Anthracene	100	100	500	0.34 U	0.35 U	0.34 U
Atrazine	NS	NS	NS	0.14 U	0.14 U	0.14 U
Benzaldehyde	NS	NS	NS	0.34 U	0.35 U	0.34 U
Benzo(a)Anthracene	1	1	5.6	0.034 U	0.035 U	0.034 U
Benzo(a)Pyrene	1	1	1	0.034 U	0.035 U	0.012 J
Benzo(b)Fluoranthene	1	1	5.6	0.034 U	0.035 U	0.017 J
Benzo(g,h,i)Perylene	100	100	500	0.34 U	0.35 U	0.34 U
Benzo(k)Fluoranthene	0.8	3.9	56	0.034 U	0.035 U	0.0084 J
Benzyl Butyl Phthalate	NS	NS	NS	0.34 U	0.35 U	0.34 U
Biphenyl (Diphenyl)	NS	NS	NS	0.34 U	0.35 U	0.34 U
Bis(2-Chloroethoxy) Methane	NS	NS	NS	0.34 U	0.35 U	0.34 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NS	0.034 U	0.035 U	0.034 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NS	0.34 U	0.35 U	0.34 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NS	0.34 U	0.35 U	0.34 U
Caprolactam	NS	NS	NS	0.34 U	0.35 U	0.34 U
Carbazole	NS	NS	NS	0.34 U	0.35 U	0.34 U
Chrysene	1	3.9	56	0.34 U	0.35 U	0.015 J
Dibenz(a,h)Anthracene	0.33	0.33	0.56	0.034 U	0.035 U	0.034 U
Dibenzofuran	7	59	350	0.34 U	0.35 U	0.34 U
Diethyl Phthalate	NS	NS	NS	0.34 U	0.35 U	0.34 U
Dimethyl Phthalate	NS	NS	NS	0.34 U	0.35 U	0.34 U
Di-N-Butyl Phthalate	NS	NS	NS	0.34 U	0.35 U	0.34 U
Di-N-Octylphthalate	NS	NS	NS	0.34 U	0.35 U	0.34 U
Fluoranthene	100	100	500	0.34 U	0.35 U	0.026 J
Fluorene	30	100	500	0.34 U	0.35 U	0.34 U
Hexachlorobenzene	0.33	1.2	6	0.034 U	0.035 U	0.034 U
Hexachlorobutadiene	NS	NS	NS	0.069 U	0.072 U	0.069 U
Hexachlorocyclopentadiene	NS	NS	NS	0.34 U	0.35 U	0.34 U
Hexachloroethane	NS	NS	NS	0.034 U	0.035 U	0.034 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	5.6	0.034 U	0.035 U	0.034 U
Isophorone	NS	NS	NS	0.14 U	0.14 U	0.14 U
Naphthalene	12	100	500	0.34 U	0.35 U	0.34 U
Nitrobenzene	NS	NS	NS	0.034 U	0.035 U	0.034 U
N-Nitrosodi-N-Propylamine	NS	NS	NS	0.034 U	0.035 U	0.034 U
N-Nitrosodiphenylamine	NS	NS	NS	0.34 U	0.35 U	0.34 U
Pentachlorophenol	0.8	6.7	6.7	0.27 U	0.29 U	0.27 U
Phenanthrene	100	100	500	0.34 U	0.35 U	0.34 U
Phenol	0.33	100	500	0.34 U	0.35 U	0.34 U
Pyrene	100	100	500	0.34 U	0.35 U	0.024 J

Table 2
23-56 Broadway
Astoria, New York
Phase II Environmental Site Assessment
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

AKRF Sample ID				SB-03_13-15_20250930	SB-04_0-2_20250930	SB-04_9-11_20250930
Lab Sample ID				460-336108-3	460-336108-4	460-336108-5
Sample Date				9/30/2025	9/30/2025	9/30/2025
Dilution Factor				1	1	1
Unit				mg/kg	mg/kg	mg/kg
Compound	UUSCO	RRSCO	CSCO	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	0.36 U	0.33 U	0.33 U
1,4-Dioxane (P-Dioxane)	0.1	13	130	0.036 U	0.033 U	0.033 U
2,3,4,6-Tetrachlorophenol	NS	NS	NS	0.36 U	0.33 U	0.33 U
2,4,5-Trichlorophenol	NS	NS	NS	0.36 U	0.33 U	0.33 U
2,4,6-Trichlorophenol	NS	NS	NS	0.14 U	0.13 U	0.13 U
2,4-Dichlorophenol	NS	NS	NS	0.14 U	0.13 U	0.13 U
2,4-Dimethylphenol	NS	NS	NS	0.36 U	0.33 U	0.33 U
2,4-Dinitrophenol	NS	NS	NS	0.29 U	0.27 U	0.27 U
2,4-Dinitrotoluene	NS	NS	NS	0.072 U	0.067 U	0.067 U
2,6-Dinitrotoluene	NS	NS	NS	0.072 U	0.067 U	0.067 U
2-Chloronaphthalene	NS	NS	NS	0.36 U	0.33 U	0.33 U
2-Chlorophenol	NS	NS	NS	0.36 U	0.33 U	0.33 U
2-Methylnaphthalene	NS	NS	NS	0.36 U	0.33 U	0.33 U
2-Methylphenol (O-Cresol)	0.33	100	500	0.36 U	0.33 U	0.33 U
2-Nitroaniline	NS	NS	NS	0.36 U	0.33 U	0.33 U
2-Nitrophenol	NS	NS	NS	0.36 U	0.33 U	0.33 U
3- And 4- Methylphenol (Total)	NS	NS	500	0.36 U	0.33 U	0.33 U
3,3'-Dichlorobenzidine	NS	NS	NS	0.14 U	0.13 U	0.13 U
3-Nitroaniline	NS	NS	NS	0.36 U	0.33 U	0.33 U
4,6-Dinitro-2-Methylphenol	NS	NS	NS	0.29 U	0.27 U	0.27 U
4-Bromophenyl Phenyl Ether	NS	NS	NS	0.36 U	0.33 U	0.33 U
4-Chloro-3-Methylphenol	NS	NS	NS	0.36 U	0.33 U	0.33 U
4-Chloroaniline	NS	NS	NS	0.36 U	0.33 U	0.33 U
4-Chlorophenyl Phenyl Ether	NS	NS	NS	0.36 U	0.33 U	0.33 U
4-Methylphenol (P-Cresol)	0.33	100	500	0.36 U	0.33 U	0.33 U
4-Nitroaniline	NS	NS	NS	0.36 U	0.33 U	0.33 U
4-Nitrophenol	NS	NS	NS	0.72 U	0.67 U	0.67 U
Acenaphthene	20	100	500	0.36 U	0.33 U	0.33 U
Acenaphthylene	100	100	500	0.36 U	0.33 U	0.33 U
Acetophenone	NS	NS	NS	0.36 U	0.33 U	0.33 U
Anthracene	100	100	500	0.36 U	0.33 U	0.33 U
Atrazine	NS	NS	NS	0.14 U	0.13 U	0.13 U
Benzaldehyde	NS	NS	NS	0.36 U	0.33 U	0.33 U
Benzo(a)Anthracene	1	1	5.6	0.036 U	0.033 U	0.033 U
Benzo(a)Pyrene	1	1	1	0.036 U	0.033 U	0.033 U
Benzo(b)Fluoranthene	1	1	5.6	0.036 U	0.033 U	0.033 U
Benzo(g,h,i)Perylene	100	100	500	0.36 U	0.33 U	0.33 U
Benzo(k)Fluoranthene	0.8	3.9	56	0.036 U	0.033 U	0.033 U
Benzyl Butyl Phthalate	NS	NS	NS	0.36 U	0.33 U	0.33 U
Biphenyl (Diphenyl)	NS	NS	NS	0.36 U	0.33 U	0.33 U
Bis(2-Chloroethoxy) Methane	NS	NS	NS	0.36 U	0.33 U	0.33 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NS	0.036 U	0.033 U	0.033 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NS	0.36 U	0.33 U	0.33 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NS	0.36 U	0.33 U	0.33 U
Caprolactam	NS	NS	NS	0.36 U	0.33 U	0.33 U
Carbazole	NS	NS	NS	0.36 U	0.33 U	0.33 U
Chrysene	1	3.9	56	0.36 U	0.33 U	0.33 U
Dibenz(a,h)Anthracene	0.33	0.33	0.56	0.036 U	0.033 U	0.033 U
Dibenzofuran	7	59	350	0.36 U	0.33 U	0.33 U
Diethyl Phthalate	NS	NS	NS	0.36 U	0.33 U	0.33 U
Dimethyl Phthalate	NS	NS	NS	0.36 U	0.33 U	0.33 U
Di-N-Butyl Phthalate	NS	NS	NS	0.36 U	0.33 U	0.33 U
Di-N-Octylphthalate	NS	NS	NS	0.36 U	0.33 U	0.33 U
Fluoranthene	100	100	500	0.02 J	0.33 U	0.33 U
Fluorene	30	100	500	0.18 J	0.33 U	0.33 U
Hexachlorobenzene	0.33	1.2	6	0.036 U	0.033 U	0.033 U
Hexachlorobutadiene	NS	NS	NS	0.072 U	0.067 U	0.067 U
Hexachlorocyclopentadiene	NS	NS	NS	0.36 U	0.33 U	0.33 U
Hexachloroethane	NS	NS	NS	0.036 U	0.033 U	0.033 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	5.6	0.036 U	0.033 U	0.033 U
Isophorone	NS	NS	NS	0.14 U	0.13 U	0.13 U
Naphthalene	12	100	500	0.36 U	0.33 U	0.33 U
Nitrobenzene	NS	NS	NS	0.036 U	0.033 U	0.033 U
N-Nitrosodi-N-Propylamine	NS	NS	NS	0.036 U	0.033 U	0.033 U
N-Nitrosodiphenylamine	NS	NS	NS	0.36 U	0.33 U	0.33 U
Pentachlorophenol	0.8	6.7	6.7	0.29 U	0.27 U	0.27 U
Phenanthrene	100	100	500	0.65	0.33 U	0.33 U
Phenol	0.33	100	500	0.36 U	0.33 U	0.33 U
Pyrene	100	100	500	0.082 J	0.33 U	0.33 U

Table 3
23-56 Broadway
Astoria, New York
Phase II Environmental Site Assessment
Soil Analytical Results of Metals

AKRF Sample ID				SB-01_0-2_20250929		SB-01_18-20_20250929	SB-02_0-2_20250929	SB-02_18-20_20250929
Lab Sample ID				460-335984-1		460-335984-2	460-335984-3	460-335984-4
Sample Date				9/29/2025		9/29/2025	9/29/2025	9/29/2025
Dilution Factor				1	5	1	1	1
Unit				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	UUSCO	RRSCO	CSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NS	7,240	NR	9,670	8,260	2,000
Antimony	NS	NS	NS	4	NR	0.77 U	0.47 J	0.78 U
Arsenic	13	16	16	8.9	NR	0.81	3	0.6 J
Barium	350	400	400	294	NR	69.7	97.9	13.9
Beryllium	7.2	72	590	0.39	NR	0.18 J	0.36	0.097 J
Cadmium	2.5	4.3	9.3	0.98	NR	0.77 U	0.36 J	0.78 U
Calcium	NS	NS	NS	4,550	NR	36,600	7,030	9,090
Chromium, Total	NS	NS	NS	18	NR	33.8	21.4	5.7
Cobalt	NS	NS	NS	6.2	NR	7.7	7.3	3.6
Copper	50	270	270	96.4	NR	14.3	38.6	7.1
Iron	NS	NS	NS	22,500	NR	17,600	15,700	6,350
Lead	63	400	1,000	1,060	NR	2.6	137	2.5
Magnesium	NS	NS	NS	2,430	NR	26,600	5,500	5,890
Manganese	1,600	2,000	10,000	269	NR	252	321	148
Mercury	0.18	0.81	2.8	NR	2	0.017 U	0.11	0.016 U
Nickel	30	310	310	15.8	NR	23.9	15.3	5.5
Potassium	NS	NS	NS	964	NR	2,390	1,360	324
Selenium	3.9	180	1,500	0.81 J	NR	0.96 U	0.31 J	0.98 U
Silver	2	180	1,500	0.41	NR	0.31 U	0.076 J	0.31 U
Sodium	NS	NS	NS	130	NR	178	216	113
Thallium	NS	NS	NS	0.18 J	NR	0.19 J	0.14 J	0.31 U
Vanadium	NS	NS	NS	21.9	NR	33	32.3	10.9
Zinc	109	10,000	10,000	519	NR	58.8	119	10.9

Table 3
23-56 Broadway
Astoria, New York
Phase II Environmental Site Assessment
Soil Analytical Results of Metals

AKRF Sample ID				SB-03_0-2_20250930	SB-03_11-13_20250930	SB-03_13-15_20250930	SB-04_0-2_20250930	SB-04_9-11_20250930
Lab Sample ID				460-336108-1	460-336108-2	460-336108-3	460-336108-4	460-336108-5
Sample Date				9/30/2025	9/30/2025	9/30/2025	9/30/2025	9/30/2025
Dilution Factor				1	1	1	1	1
Unit				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	UUSCO	RRSCO	CSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NS	7,910	8,320	5,900	9,690	3,460
Antimony	NS	NS	NS	0.96 U	0.95 U	0.99 U	0.93 U	0.92 U
Arsenic	13	16	16	3.2	2.1	0.95 J	1.6	0.84 J
Barium	350	400	400	71.2	87	56.6	109	24.8
Beryllium	7.2	72	590	0.31 J	0.27 J	0.24 J	0.22 J	0.15 J
Cadmium	2.5	4.3	9.3	0.31 J	0.15 J	0.99 U	0.93 U	0.92 U
Calcium	NS	NS	NS	11,800	14,900	6,760	16,400	11,200
Chromium, Total	NS	NS	NS	17	30.5	23.1	35	7.2
Cobalt	NS	NS	NS	6.8	8.3	6.6	8.3	5.2
Copper	50	270	270	30.5	30	21.7	27.6	13
Iron	NS	NS	NS	14,100	17,600	11,600	19,400	8,690
Lead	63	400	1,000	45.5	15.8	3.7	12.7	2.7
Magnesium	NS	NS	NS	7,120	8,530	7,570	12,000	7,990
Manganese	1,600	2,000	10,000	233	312	125	269	162
Mercury	0.18	0.81	2.8	0.084	0.024	0.017 U	0.05	0.0084 J
Nickel	30	310	310	15.3	19.4	14.1	23	8
Potassium	NS	NS	NS	1,920	2,520	1,800	4,190	761
Selenium	3.9	180	1,500	0.19 J	0.14 J	0.17 J	0.14 J	1.2 U
Silver	2	180	1,500	0.38 U	0.38 U	0.4 U	0.37 U	0.37 U
Sodium	NS	NS	NS	178	228	229	360	175
Thallium	NS	NS	NS	0.16 J	0.18 J	0.16 J	0.25 J	0.061 J
Vanadium	NS	NS	NS	23.3	28.3	24.5	36.9	13.2
Zinc	109	10,000	10,000	82	60.4	40.7	59.1	18.7

Table 4
23-56 Broadway
Astoria, New York

Phase II Environmental Site Assessment
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

AKRF Sample ID				SB-01_0-2_20250929	SB-01_18-20_20250929	SB-02_0-2_20250929	SB-02_18-20_20250929	SB-03_0-2_20250930
Lab Sample ID				460-335984-1	460-335984-2	460-335984-3	460-335984-4	460-336108-1
Sample Date				9/29/2025	9/29/2025	9/29/2025	9/29/2025	9/30/2025
Dilution Factor				1	1	1	1	1
Unit				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	UUSCO	RRSCO	CSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	NS	0.069 U	0.068 U	0.068 U	0.069 U	0.072 U
PCB-1221 (Aroclor 1221)	NS	NS	NS	0.069 U	0.068 U	0.068 U	0.069 U	0.072 U
PCB-1232 (Aroclor 1232)	NS	NS	NS	0.069 U	0.068 U	0.068 U	0.069 U	0.072 U
PCB-1242 (Aroclor 1242)	NS	NS	NS	0.069 U	0.068 U	0.068 U	0.069 U	0.072 U
PCB-1248 (Aroclor 1248)	NS	NS	NS	0.069 U	0.068 U	0.068 U	0.069 U	0.072 U
PCB-1254 (Aroclor 1254)	NS	NS	NS	0.069 U	0.068 U	0.068 U	0.069 U	0.072 U
PCB-1260 (Aroclor 1260)	NS	NS	NS	0.069 U	0.068 U	0.068 U	0.069 U	0.072 U
PCB-1262 (Aroclor 1262)	NS	NS	NS	0.069 U	0.068 U	0.068 U	0.069 U	0.072 U
PCB-1268 (Aroclor 1268)	NS	NS	NS	0.069 U	0.068 U	0.068 U	0.069 U	0.072 U
Total PCBs	0.1	1	1	0.069 U	0.068 U	0.068 U	0.069 U	0.072 U

Table 4
23-56 Broadway
Astoria, New York

Phase II Environmental Site Assessment
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

AKRF Sample ID				SB-03_11-13_20250930	SB-03_13-15_20250930	SB-04_0-2_20250930	SB-04_9-11_20250930
Lab Sample ID				460-336108-2	460-336108-3	460-336108-4	460-336108-5
Sample Date				9/30/2025	9/30/2025	9/30/2025	9/30/2025
Dilution Factor				1	1	1	1
Unit				mg/kg	mg/kg	mg/kg	mg/kg
Compound	UUSCO	RRSCO	CSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	NS	0.069 U	0.072 U	0.068 U	0.068 U
PCB-1221 (Aroclor 1221)	NS	NS	NS	0.069 U	0.072 U	0.068 U	0.068 U
PCB-1232 (Aroclor 1232)	NS	NS	NS	0.069 U	0.072 U	0.068 U	0.068 U
PCB-1242 (Aroclor 1242)	NS	NS	NS	0.069 U	0.072 U	0.068 U	0.068 U
PCB-1248 (Aroclor 1248)	NS	NS	NS	0.069 U	0.072 U	0.068 U	0.068 U
PCB-1254 (Aroclor 1254)	NS	NS	NS	0.069 U	0.072 U	0.068 U	0.068 U
PCB-1260 (Aroclor 1260)	NS	NS	NS	0.069 U	0.072 U	0.068 U	0.068 U
PCB-1262 (Aroclor 1262)	NS	NS	NS	0.069 U	0.072 U	0.068 U	0.068 U
PCB-1268 (Aroclor 1268)	NS	NS	NS	0.069 U	0.072 U	0.068 U	0.068 U
Total PCBs	0.1	1	1	0.069 U	0.072 U	0.068 U	0.068 U

Table 5
23-56 Broadway
Astoria, New York
Phase II Environmental Site Assessment
Groundwater Analytical Results of VOCs

AKRF Sample ID		TW-01_20250930	TW-03_20250930	TW-04_20250930
Lab Sample ID		460-336090-1	460-336090-2	460-336090-4
Sample Date		9/30/2025	9/30/2025	9/30/2025
Dilution Factor		1	1	1
Unit		µg/l	µg/l	µg/l
Compound	AWQSGVs	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U	1 U
1,1,1,2-Tetrachloroethane	5	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	1 U	1 U	1 U
1,1,2-Trichloroethane	1	0.58 U	0.58 U	0.58 U
1,1-Dichloroethane	5	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U
1,2,4-Trimethylbenzene	5	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U
1,2-Dichloroethane	0.6	0.3 U	0.3 U	0.3 U
1,2-Dichloropropane	1	0.92 U	0.92 U	0.92 U
1,3,5-Trimethylbenzene (Mesitylene)	5	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U
2-Hexanone	50	5 UT	5 UT	5 UT
Acetone	50	5 U	5 U	5 U
Benzene	1	0.45 U	0.45 U	0.45 U
Bromochloromethane	5	1 U	1 U	1 U
Bromodichloromethane	50	0.98 U	0.98 U	0.98 U
Bromoform	50	1 U	1 U	1 U
Bromomethane	5	1 U	1 U	1 U
Carbon Disulfide	60	1 U	1 U	1 U
Carbon Tetrachloride	5	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U
Chloroform	7	1.3	1 U	0.43 J
Chloromethane	5	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	5	9.3	30	28
Cis-1,3-Dichloropropene	NS	0.45 U	0.45 U	0.45 U
Cyclohexane	NS	1 U	1 U	1 U
Dibromochloromethane	50	0.78 U	0.78 U	0.78 U
Dichlorodifluoromethane	5	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U
Isopropylbenzene (Cumene)	5	1 U	1 U	1 U
M,P-Xylenes	5	1 U	1 U	1 U
Methyl Acetate	NS	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U	5 U
Methylcyclohexane	NS	1 U	0.72 J	1 U
Methylene Chloride	5	1 U	1 U	1 U
N-Butylbenzene	5	1 U	0.36 J	1 U
N-Propylbenzene	5	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	5	1 U	1 U	1 U
Sec-Butylbenzene	5	1 U	1.6	0.4 J
Styrene	5	1 U	1 U	1 U
T-Butylbenzene	5	1 U	1 U	1 U
Tert-Butyl Methyl Ether	10	1 U	1 U	1 U
Tetrachloroethylene (PCE)	5	140	15	49
Toluene	5	1 U	1 U	1 U
Trans-1,2-Dichloroethene	5	5.9	4.3	8.4
Trans-1,3-Dichloropropene	NS	0.45 U	0.45 U	0.45 U
Trichloroethylene (TCE)	5	19	25	17
Trichlorofluoromethane	5	1 U	1 U	1 U
Vinyl Chloride	2	1 U	1 U	1 U
Xylenes, Total	NS	2 U	2 U	2 U

Table 6
23-56 Broadway
Astoria, New York
Phase II Environmental Site Assessment
Groundwater Analytical Results of SVOCs

AKRF Sample ID		TW-01_20250930	TW-03_20250930	TW-04_20250930
Lab Sample ID		460-336090-1	460-336090-2	460-336090-4
Sample Date		9/30/2025	9/30/2025	9/30/2025
Dilution Factor		1	1	1
Unit		µg/l	µg/l	µg/l
Compound	AWQSGVs	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	5	10 U	10 U	10 U
2,3,4,6-Tetrachlorophenol	NS	10 U	10 U	10 U
2,4,5-Trichlorophenol	NS	10 U	10 U	10 U
2,4,6-Trichlorophenol	NS	3 U	3 U	3 U
2,4-Dichlorophenol	5	10 U	10 U	10 U
2,4-Dimethylphenol	50	10 U	10 U	10 U
2,4-Dinitrophenol	10	12 U	12 U	12 U
2,4-Dinitrotoluene	5	10 U	10 U	10 U
2,6-Dinitrotoluene	5	2 U	2 U	2 U
2-Chloronaphthalene	10	10 U	10 U	10 U
2-Chlorophenol	NS	10 U	10 U	10 U
2-Methylnaphthalene	NS	10 U	10 U	10 U
2-Methylphenol (O-Cresol)	NS	10 U	10 U	10 U
2-Nitroaniline	5	10 U	10 U	10 U
2-Nitrophenol	NS	10 U	10 U	10 U
3- And 4- Methylphenol (Total)	NS	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	5.2 U	5.2 U	5.2 U
3-Nitroaniline	5	10 U	10 U	10 U
4,6-Dinitro-2-Methylphenol	NS	20 U	20 U	20 U
4-Bromophenyl Phenyl Ether	NS	10 U	10 U	10 U
4-Chloro-3-Methylphenol	NS	10 U	10 U	10 U
4-Chloroaniline	5	5 U	5 U	5 U
4-Chlorophenyl Phenyl Ether	NS	10 U	10 U	10 U
4-Methylphenol (P-Cresol)	NS	10 U	10 U	10 U
4-Nitroaniline	5	10 U	10 U	10 U
4-Nitrophenol	NS	20 U	20 U	20 U
Acenaphthene	20	10 U	10 U	10 U
Acenaphthylene	NS	10 U	10 U	10 U
Acetophenone	NS	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U
Atrazine	7.5	2 U	2 U	2 U
Benzaldehyde	NS	10 U	10 U	10 U
Benzo(a)Anthracene	0.002	1 U	1 U	1 U
Benzo(a)Pyrene	ND	1 U	1 U	1 U
Benzo(b)Fluoranthene	0.002	2 U	2 U	2 U
Benzo(g,h,i)Perylene	NS	10 U	10 U	10 U
Benzo(k)Fluoranthene	0.002	1 U	1 U	1 U
Benzyl Butyl Phthalate	50	10 U	10 U	1.3 J
Biphenyl (Diphenyl)	5	5 U	5 U	5 U
Bis(2-Chloroethoxy) Methane	5	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	1 U	1 U	1 U
Bis(2-Chloroisopropyl) Ether	5	10 U	10 U	10 U
Bis(2-Ethylhexyl) Phthalate	5	2 U	2 U	2 U
Caprolactam	NS	10 U	10 U	10 U
Carbazole	NS	10 U	10 U	10 U
Chrysene	0.002	2 U	2 U	2 U
Dibenz(a,h)Anthracene	NS	1 U	1 U	1 U
Dibenzofuran	NS	10 U	10 U	10 U
Diethyl Phthalate	50	10 U	10 U	10 U
Dimethyl Phthalate	50	10 U	10 U	10 U
Di-N-Butyl Phthalate	50	10 U	10 U	10 U
Di-N-Octylphthalate	50	10 U	10 U	10 U
Fluoranthene	50	10 U	10 U	10 U
Fluorene	50	10 U	10 U	10 U
Hexachlorobenzene	0.04	1 U	1 U	1 U
Hexachlorobutadiene	0.5	1 U	1 U	1 U
Hexachlorocyclopentadiene	5	10 U	10 U	10 U
Hexachloroethane	5	0.8 U	0.8 U	0.8 U
Indeno(1,2,3-c,d)Pyrene	0.002	2 U	2 U	2 U
Isophorone	50	10 U	10 U	10 U
Naphthalene	10	2 U	2 U	2 U
Nitrobenzene	0.4	1 U	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	1 U	1 U	1 U
N-Nitrosodiphenylamine	50	10 U	10 U	10 U
Pentachlorophenol	NS	20 U	20 U	20 U
Phenanthrene	50	10 U	2.6 J	10 U
Phenol	1	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U

Table 7
23-56 Broadway
Astoria, New York

Phase II Environmental Site Assessment
Groundwater Analytical Results of PCBs

AKRF Sample ID		TW-01_20250930	TW-03_20250930	TW-04_20250930
Lab Sample ID		460-336090-1	460-336090-2	460-336090-4
Sample Date		9/30/2025	9/30/2025	9/30/2025
Dilution Factor		1	1	1
Unit		µg/l	µg/l	µg/l
Compound	AWQSGVs	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	0.2 U	0.2 U	0.2 U
PCB-1221 (Aroclor 1221)	NS	0.2 U	0.2 U	0.2 U
PCB-1232 (Aroclor 1232)	NS	0.2 U	0.2 U	0.2 U
PCB-1242 (Aroclor 1242)	NS	0.2 U	0.2 U	0.2 U
PCB-1248 (Aroclor 1248)	NS	0.2 U	0.2 U	0.2 U
PCB-1254 (Aroclor 1254)	NS	0.2 U	0.2 U	0.2 U
PCB-1260 (Aroclor 1260)	NS	0.2 U	0.2 U	0.2 U
PCB-1262 (Aroclor 1262)	NS	0.2 U	0.2 U	0.2 U
PCB-1268 (Aroclor 1268)	NS	0.2 U	0.2 U	0.2 U
Total PCBs	0.09	0.2 U	0.2 U	0.2 U

Table 8
23-56 Broadway
Astoria, New York
Phase II Environmental Site Assessment
Soil Vapor and Ambient Air Analytical Results of VOCs

AKRF Sample ID	SV-01_20250929	SV-03_20250930	SV-04_20250930		AA-01_20250929
Lab Sample ID	460-336014-1	460-336049-1	460-336049-2		460-336014-2
Sample Date	9/29/2025	9/30/2025	9/30/2025		9/29/2025
Dilution Factor	1	1	1	4	1
Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	1.1 U	1.1 U	5.2	NR	1.1 U
1,1,2,2-Tetrachloroethane	1.4 U	1.4 U	1.4 U	NR	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	1.5 U	1.5 U	0.52 J	NR	1.5 U
1,1,2-Trichloroethane	1.1 U	1.1 U	1.1 U	NR	1.1 U
1,1-Dichloroethane	0.81 U	0.81 U	0.81 U	NR	0.81 U
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	NR	0.2 U
1,2,4-Trichlorobenzene	3.7 U	3.7 U	3.7 U	NR	3.7 U
1,2,4-Trimethylbenzene	0.98 U	110	57	NR	0.98 U
1,2-Dibromoethane (Ethylene Dibromide)	1.5 U	1.5 U	1.5 U	NR	1.5 U
1,2-Dichlorobenzene	1.2 U	1.2 U	1.2 U	NR	1.2 U
1,2-Dichloroethane	0.81 U	0.81 U	0.81 U	NR	0.81 U
1,2-Dichloropropane	0.92 U	0.92 U	0.92 U	NR	0.92 U
1,2-Dichlorotetrafluoroethane	1.4 U	1.4 U	1.4 U	NR	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	0.98 U	41	23	NR	0.98 U
1,3-Butadiene	0.44 U	0.74	0.44 U	NR	0.44 U
1,3-Dichlorobenzene	0.61 J	2.3	0.83 J	NR	1.2 U
1,4-Dichlorobenzene	1.2 U	1.2 U	1.2 U	NR	1.2 U
2,2,4-Trimethylpentane	0.47 J	25	54	NR	0.8 J
2-Chlorotoluene	1 U	1 U	1 U	NR	1 U
2-Hexanone	0.75 J	42	7	NR	2.1 U
4-Ethyltoluene	0.98 U	0.98 U	0.98 U	NR	0.98 U
Acetone	49	28	NR	180 D	14
Allyl Chloride (3-Chloropropene)	1.6 U	1.6 U	1.6 U	NR	1.6 U
Benzene	1.6	14	25	NR	0.49 J
Benzyl Chloride	1 U	1 U	1 U	NR	1 U
Bromodichloromethane	1.3 U	1.3 U	1.3 U	NR	1.3 U
Bromoform	2.1 U	2.1 U	2.1 U	NR	2.1 U
Bromomethane	0.78 U	0.78 U	0.78 U	NR	0.78 U
Butane	1.2 U	12	4.6	NR	1.7
Carbon Disulfide	0.97 J	3.9	3.4	NR	1.6 U
Carbon Tetrachloride	0.41	0.46	0.46	NR	0.51
Chlorobenzene	0.92 U	0.92 U	0.92 U	NR	0.92 U
Chlorodifluoromethane	1.2 J	1.1 J	1.2 J	NR	0.98 J
Chloroethane	1.3 U	1.3 U	1.3 U	NR	1.3 U
Chloroform	0.64 J	0.62 J	2.2	NR	0.98 U
Chloromethane	1 U	0.38 J	0.32 J	NR	0.89 J
Cis-1,2-Dichloroethylene	0.2 U	0.2 U	4.4	NR	0.2 U
Cis-1,3-Dichloropropene	0.91 U	0.91 U	0.91 U	NR	0.91 U
Cyclohexane	0.53 J	15	25	NR	0.23 J
Cymene	1.1 U	1.1 U	1 J	NR	1.1 U
Dibromochloromethane	1.7 U	1.7 U	1.7 U	NR	1.7 U
Dichlorodifluoromethane	2.1 J	2.1 J	2 J	NR	2.3 J
Ethylbenzene	4.8	72	100	NR	0.87 U
Isopropanol	12 U	12 U	12 U	NR	12 U
Isopropylbenzene (Cumene)	0.5 J	20	24	NR	0.98 U
M,P-Xylenes	14	300	380	NR	0.7 J
Methyl Ethyl Ketone (2-Butanone)	4.9	6.3	11	NR	1.5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	2.6	2.3	1.3 J	NR	0.6 J
Methyl Methacrylate	2.1 U	2.1 U	2.1 U	NR	1.3 J
Methylene Chloride	1.7 U	1.7 U	1.7 U	NR	1.7 U
N-Butylbenzene	1.1 U	3.3	0.83 J	NR	1.1 U
N-Heptane	0.57 J	25	49	NR	0.82 U
N-Hexane	0.46 J	16	30	NR	1.8 U
N-Propylbenzene	0.98 U	23	19	NR	0.98 U
O-Xylene (1,2-Dimethylbenzene)	3.3	130	150	NR	0.87 U
Sec-Butylbenzene	1.1 U	2.5	1.1 U	NR	1.1 U
Styrene	0.85 U	0.85 U	0.85 U	NR	0.85 U
T-Butylbenzene	1.1 U	1.1 U	1.1 U	NR	1.1 U
Tert-Butyl Alcohol	9 J	15 U	15 U	NR	15 U
Tert-Butyl Methyl Ether	0.72 U	0.62 J	0.3 J	NR	0.72 U
Tetrachloroethylene (PCE)	11	120	NR	600 D	1.4 U
Tetrahydrofuran	15 U	15 U	15 U	NR	15 U
Toluene	4.2	170	NR	290 D	2.1
Trans-1,2-Dichloroethene	0.79 U	0.61 J	3.2	NR	0.79 U
Trans-1,3-Dichloropropene	0.91 U	0.91 U	0.91 U	NR	0.91 U
Trichloroethylene (TCE)	0.2 U	7.2	78	NR	0.2 U
Trichlorofluoromethane	2.7	5.9	26	NR	1.3
Vinyl Bromide	0.88 U	0.88 U	0.88 U	NR	0.88 U
Vinyl Chloride	0.2 U	0.2 U	0.2 U	NR	0.2 U

Tables 1-8
23-56 Broadway
Astoria, New York
Phase II Environmental Site Assessment
Notes

DEFINITIONS

- D** : Indicates an identified compound in an analysis that has been diluted. This flag alerts the data user to any differences between the concentrations reported in the two analyses.
- J** : The concentration given is an estimated value.
- ND** : The standard is a non-detectable concentration by the approved analytical method.
- NR** : Not reported.
- NS** : No standard.
- T** : Indicates that a quality control parameter has exceeded laboratory limits.
- U** : The analyte was not detected at the indicated concentration.
- mg/kg** : milligrams per kilogram
- µg/L** : micrograms per liter
- µg/m³** : micrograms per cubic meter of air

STANDARDS

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

Exceedances of Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) are highlighted in bold font.

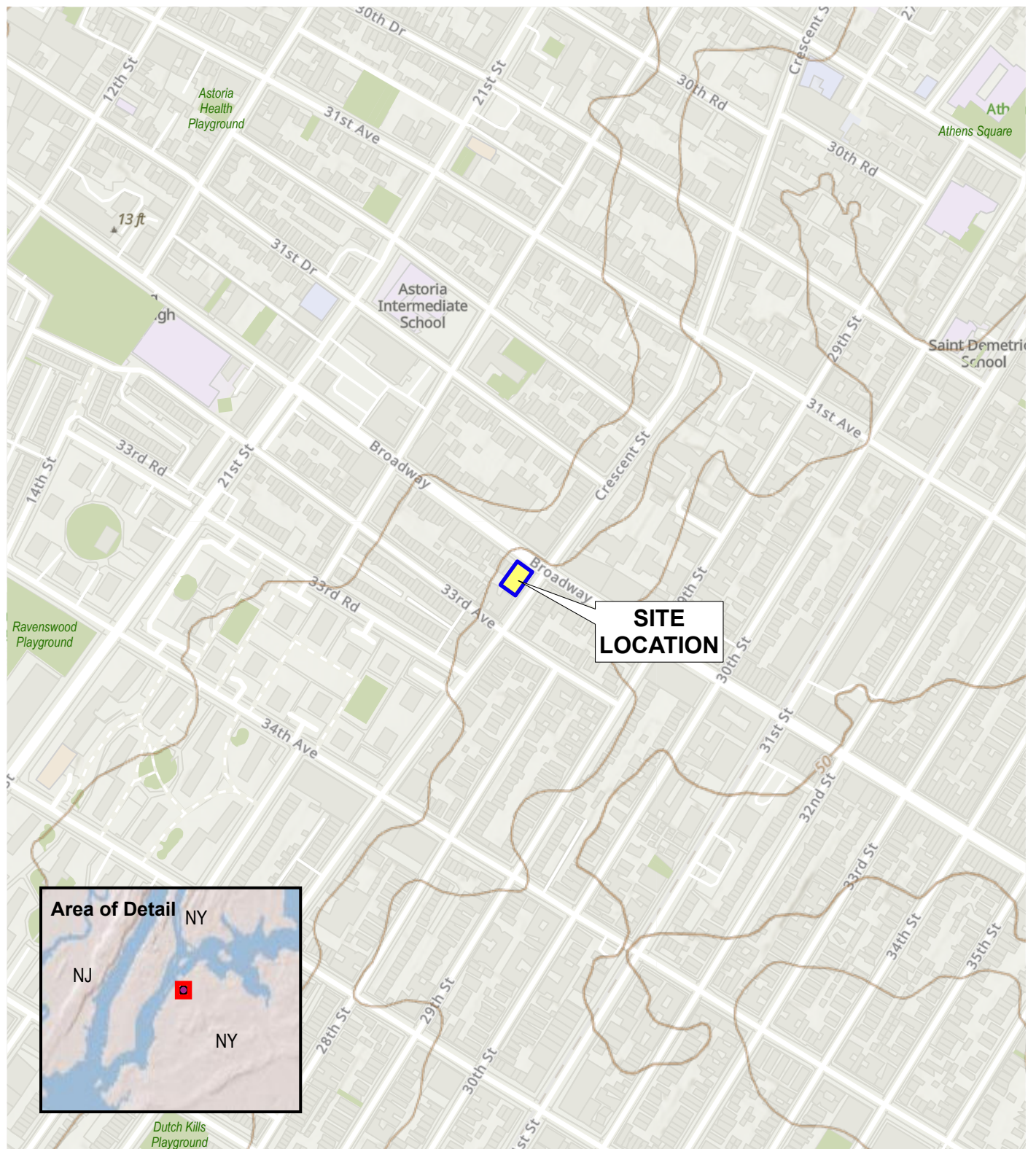
Exceedances of Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs) are highlighted in gray shading.

Exceedances of Part 375 Commercial Soil Cleanup Objectives (CSCOs) are highlighted with an underline.

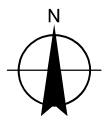
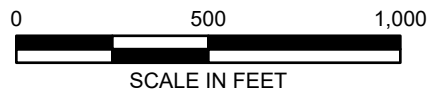
- NYSDEC Class GA AWQSGVs** : New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs).

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

FIGURES



Service Layer Credits: USGS The National Map: 3d Elevation Program,
Data Refreshed January, 2024



akrf

440 Park Avenue South, New York, NY 10016

23-56 Broadway
Queens, New York

SITE LOCATION

DATE

12/15/2025

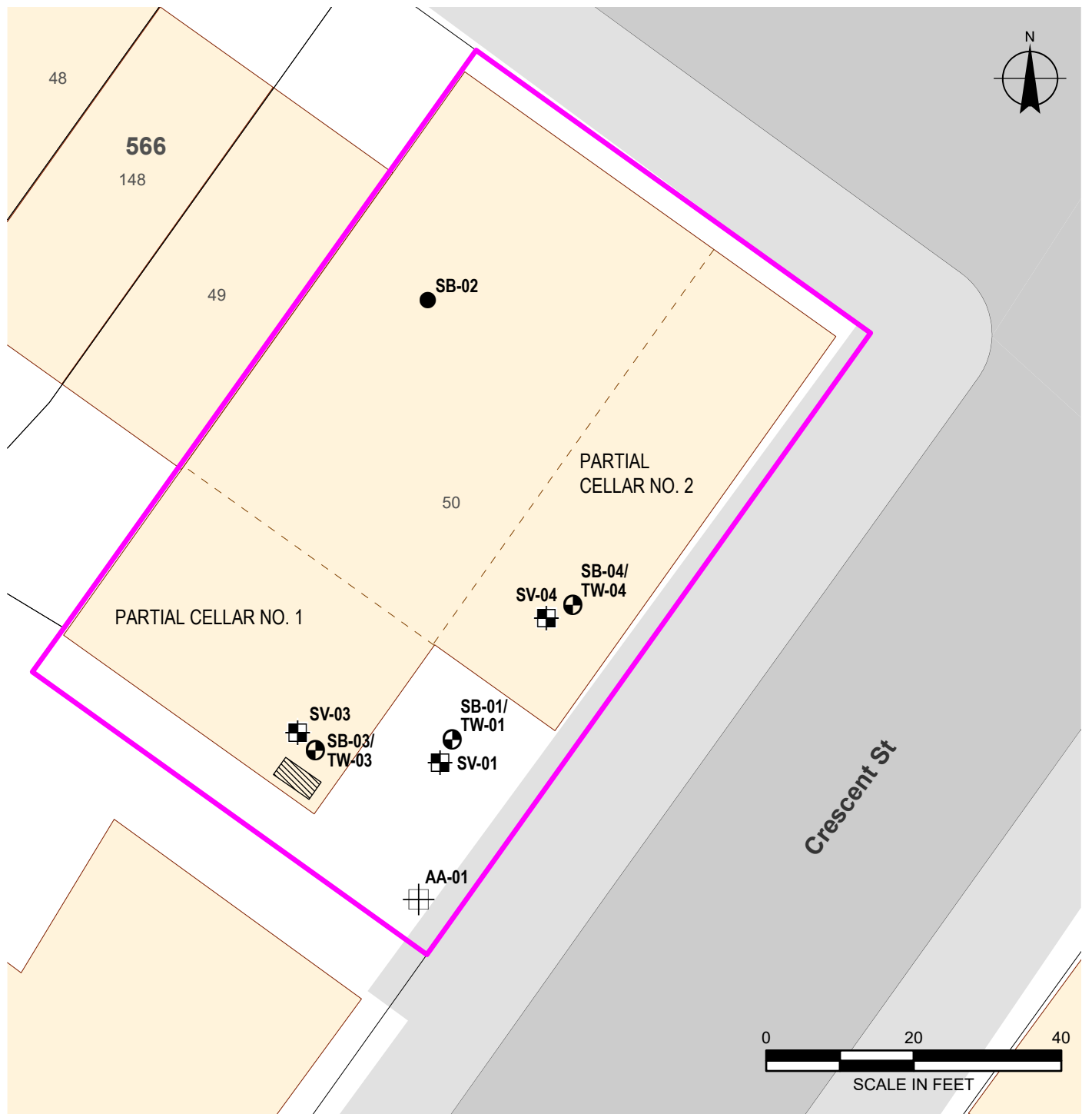
PROJECT NO.

250825

FIGURE

1

AKRF O:\Projects\250825 - 23-56 BROADWAY\250825 Phase II Figures.aprx 12/11/2025 11:32 PM\250825 Fig 2 Site Plan and sampling locations.sxlus



LEGEND

 SITE BOUNDARY	 SOIL BORING
 LOT BOUNDARY AND TAX LOT NUMBER	 SOIL BORING/TEMPORARY WELL
566 BLOCK NUMBER	 SOIL VAPOR POINT
 BUILDING	 AMBIENT AIR SAMPLING LOCATION

Aerial Source:
2023 New York State ITS GIS Orthoimagery

akrf

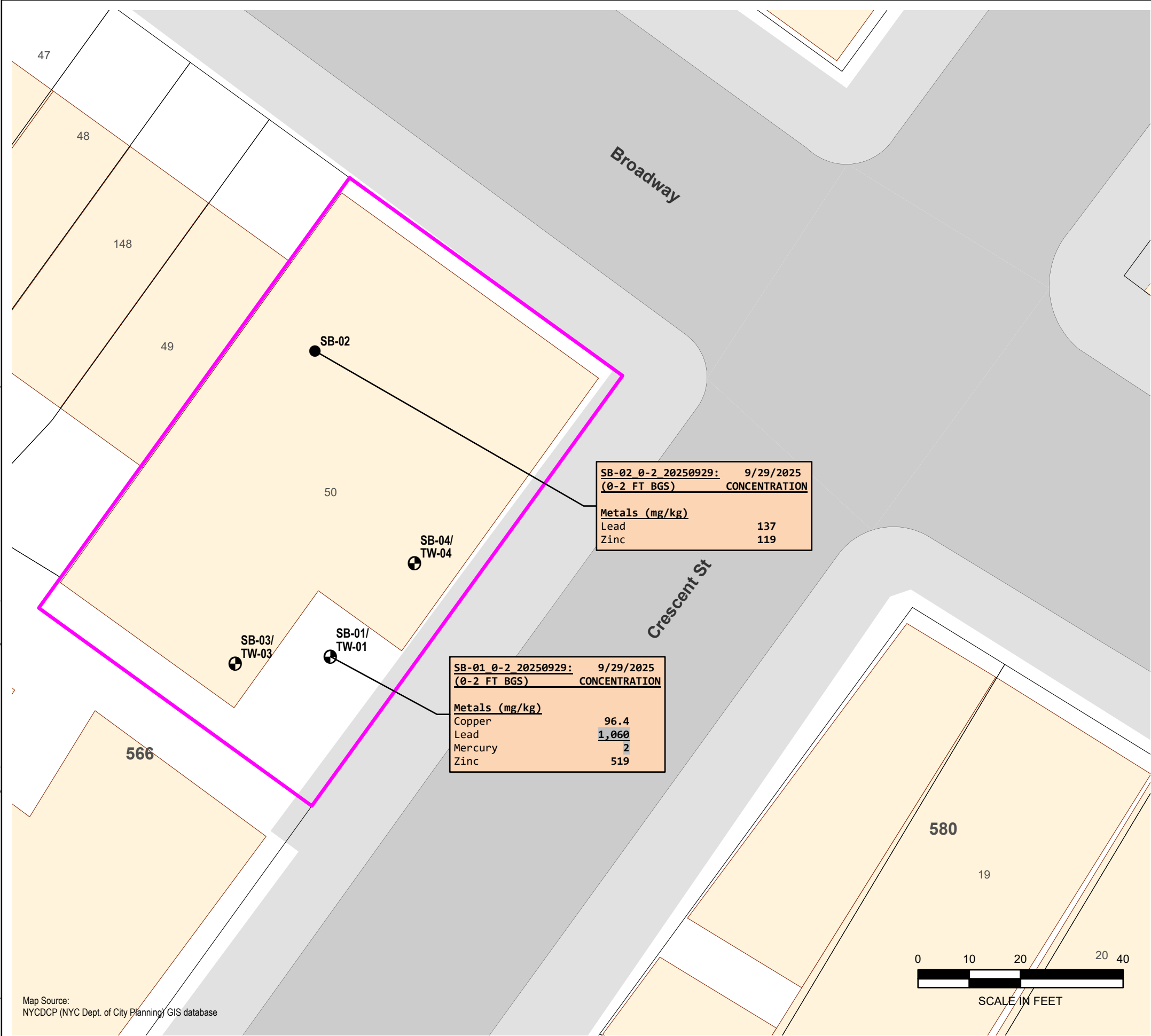
440 Park Avenue South, New York, NY 10016

23-56 Broadway
Queens, New York

SITE PLAN AND SAMPLING LOCATIONS

DATE
12/15/2025
PROJECT NO.
250825
FIGURE
2

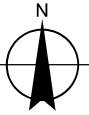
AKRF 0:\Projects\250825 - 23-56 BROADWAY\ISAR\250825 Phase II Figures.aprx 12/11/2025 11:53 PM\250825 Fig 3 Soil Sample Above NYSDEC and UUSCOs, RRSCOs, and CCSCOs.isz.xlsx



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

LEGEND

- SITE BOUNDARY
- 50 LOT BOUNDARY AND TAX LOT NUMBER
- 566** BLOCK NUMBER
- SOIL BORING
- ⊕ SOIL BORING/TEMPORARY WELL



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

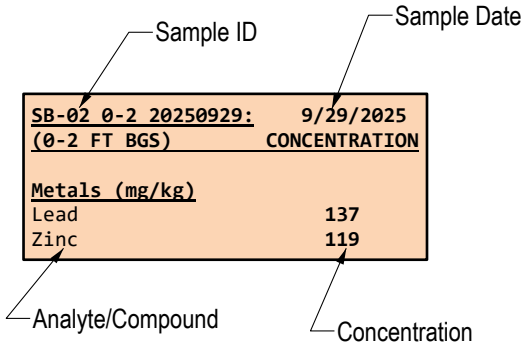
Exceedances of NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) are presented in bold font.

Exceedances of NYSDEC Restricted Residential Soil Cleanup Objectives (RRSCOs) are highlighted in grey shading.

Exceedances of NYSDEC Commercial Soil Cleanup Objectives (CCSCOs) are underlined.

mg/kg; milligrams per kilogram = parts per million (ppm)

	PART 375 COMMERCIAL (mg/kg)	PART 375 RESTRICTE RESIDENTIA (mg/kg)	PART 375 UNRESTRIC (mg/kg)
Metals			
Copper	270	270	50
Lead	1000	400	63
Mercury	2.8	0.81	0.18
Zinc	10,000	10,000	109



23-56 Broadway
Queens, New York

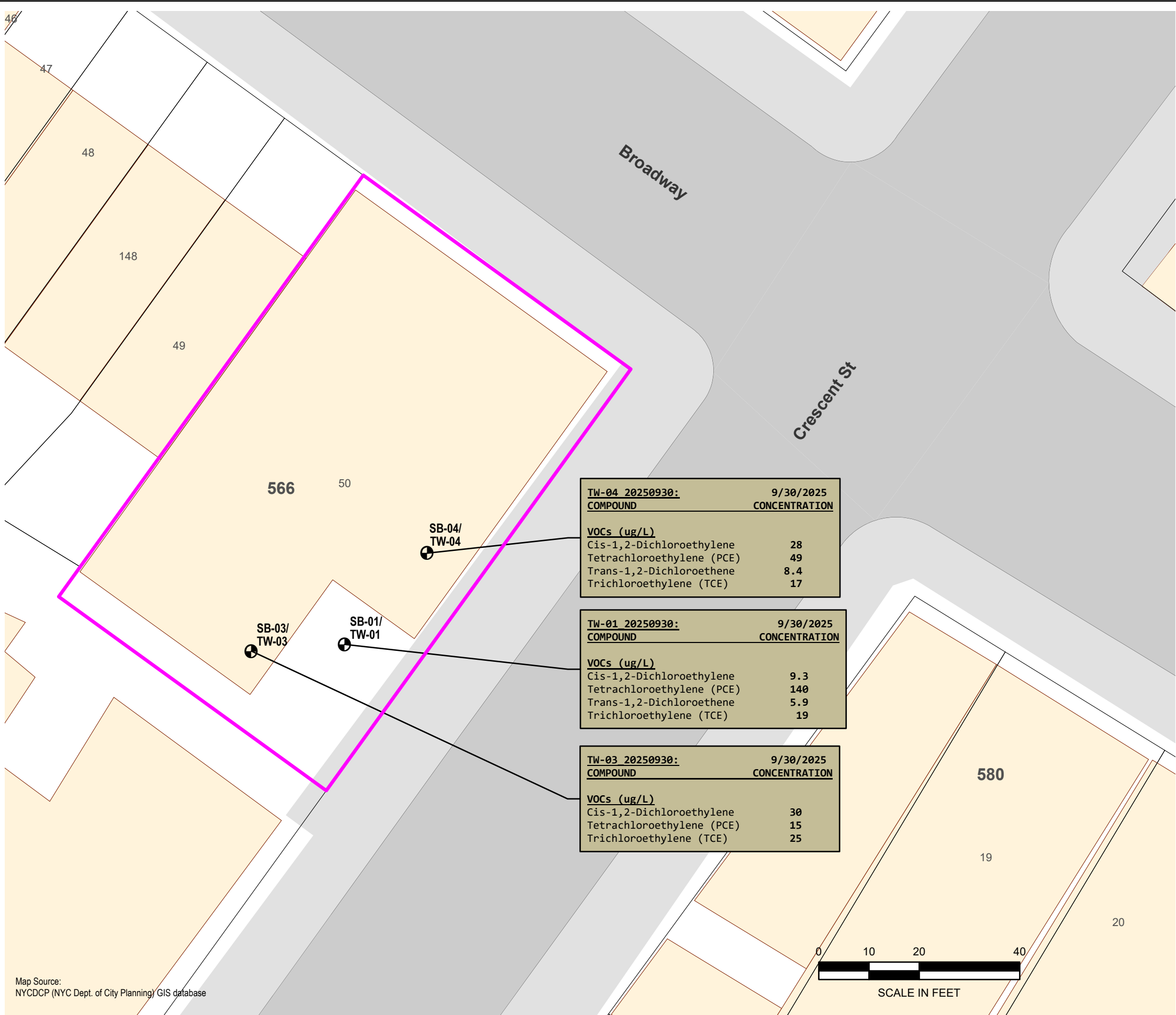
SAMPLE ABOVE NYSDEC AND UUSCOS, RRSCOSS, AND CCSCOS

akrf

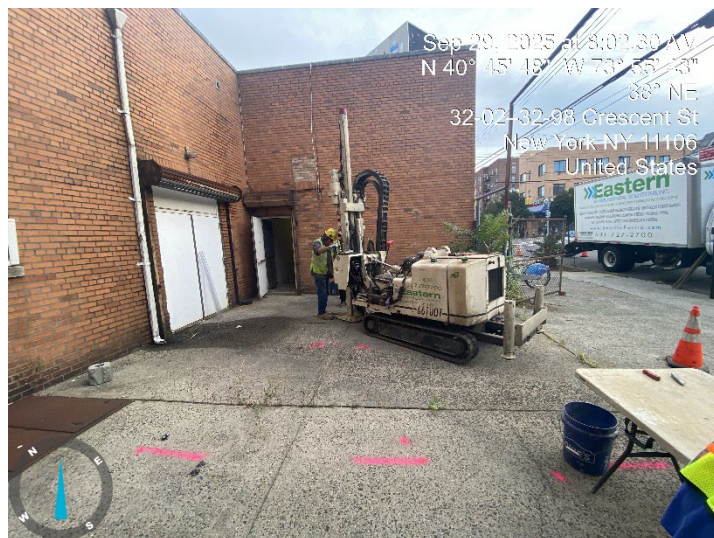
440 Park Avenue South, New York, NY 10016

DATE
12/15/2025
PROJECT NO.
250852
FIGURE
3

AKRF 0:\Projects\250825 - 23-56 BROADWAY\ISAR\250825 Phase II Figures.aprx 12/11/2025 11:53 PM\250825 Fig 4 Groundwater Exceedances (AWQSGVs).jszslus



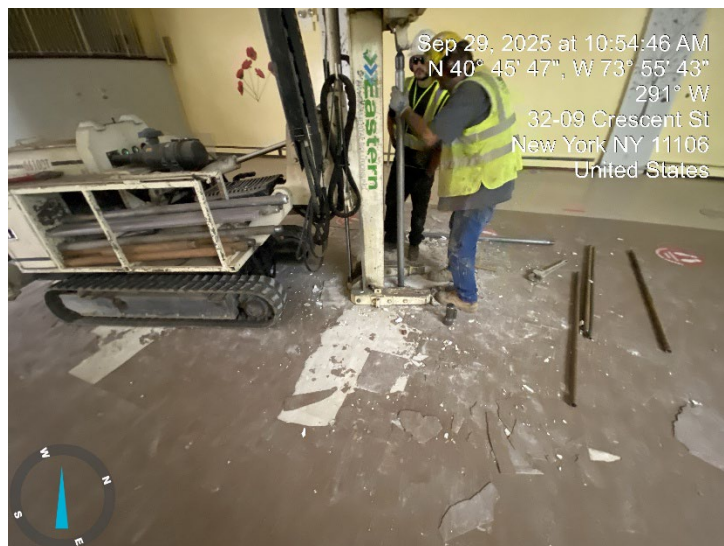
APPENDIX A
PHOTOGRAPHIC DOCUMENTATION



Photograph 1: Advancing a soil boring in the exterior loading dock, view facing north.



Photograph 2: Preparing to drill in one partial cellar next to the above ground storage tank, view facing south.



Photograph 3: Advancing a soil boring within the at-grade portion of the Site building.



Photograph 4: View of soil vapor testing within the Site building.

APPENDIX B
GEOPHYSICAL SURVEY REPORT

GEOPHYSICAL ENGINEERING SURVEY REPORT

Commercial Property
23-56 Broadway,
Long Island City, NY 11106

NOVA PROJECT NUMBER:

25-5307

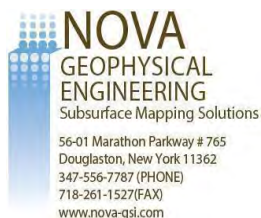
DATED:

September 29, 2025

PREPARED FOR:

AKRF Incorporated

34 South Broadway
Suite 300
White Plains, NY 10601
www.akrf.com



NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS

56-01 Marathon Parkway #765, Douglaston, New York 11362

Ph. 347-556-7787 Fax. 718-261-1527

www.novagsi.com

September 29, 2025

Patrick Diggins
Senior Technical Director

AKRF Incorporated

34 South Broadway Suite 300
White Plains, NY 10601
P: 914.922.2784

Re: Geophysical Engineering Survey (GES) Report
Commercial Property
23-56 Broadway,
Long Island City, NY 11106

Dear Mr. Diggins,

Nova Geophysical Services (NOVA) is pleased to provide the findings of the geophysical engineering survey (GES) at the above referenced project site: 23-56 Broadway, Long Island City, NY (the "Site").

INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a geophysical engineering survey (GES) consisting of a Ground Penetrating Radar (GPR) and Electromagnetic (EM) survey at the site. The purpose of this survey is to locate and identify utilities, underground storage tanks and other substructures as well as to clear and mark proposed boring locations at the project site on September 29th, 2025.

The equipment selected for this investigation was a GSSI UtilityScan 350 MHz ground penetrating radar (GPR) with a shielded antenna Sensors and Software Noggin 250 MHz GPR with a shielded antenna and a RadioDetection RD7100 Electromagnetic utility locator.

A GPR system consists of a radar control unit, control cable, and transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250/350 MHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulse into bipolar pulses that are radiated to the surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

A typical electromagnetic (EM) utility locating system consists of a transmitter unit and a receiver unit. The receiver unit can be used independently of the transmitter unit in order to detect utility lines with an inherent EM signature (electric utility lines, water lines, etc.). If needed a current at a specific frequency can also be placed on a utility that is being located. This can be done via the transmitter unit by either direct connection or induction via an EM field varying at specific frequency. The receiver unit is then set to the selected frequency and the electromagnetic field created by the current running through the utility can be located allowing the utility to be marked.

GEOPHYSICAL METHODS

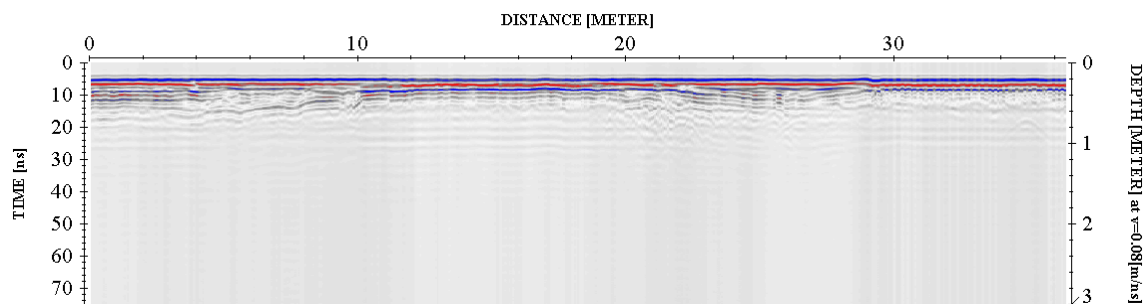
The project site was screened using GPR to search the specified area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface. An EM utility locator was used to help determine the locations of utilities within the survey area.

EM data was collected and interpreted on site and suspected utilities marked as needed. GPR data profiles were collected for the areas of the Site specified by the client and processed as specified below.

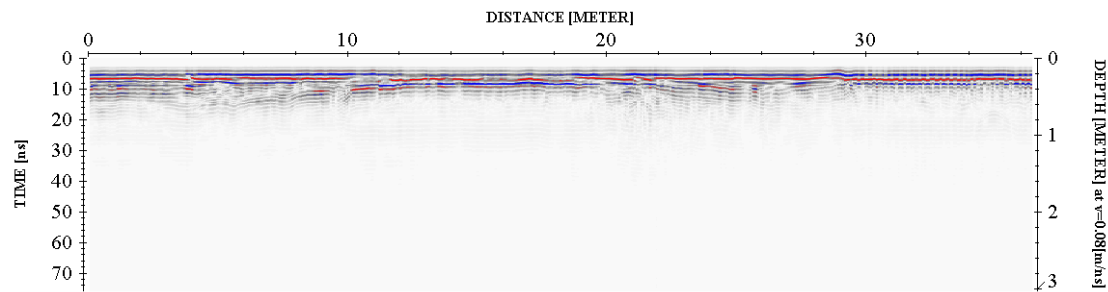
DATA PROCESSING

In order to improve the quality of the results and to better identify anomalies NOVA processed the collected data. The processing work flow is briefly described in this section.

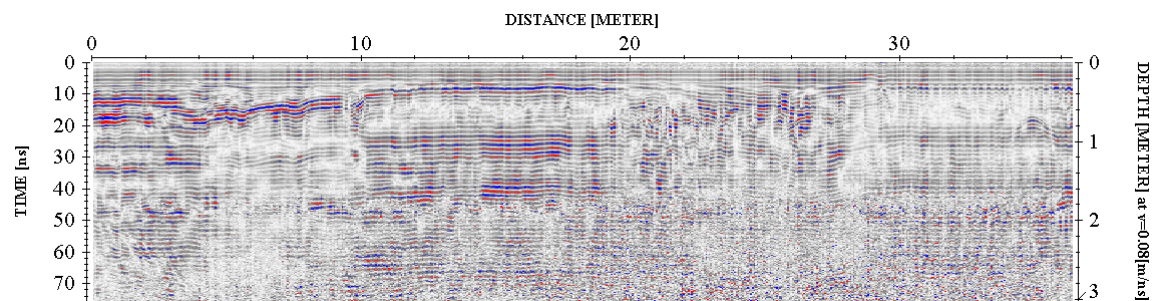
Step 1. Import Raw RAMAC data to standard processing format



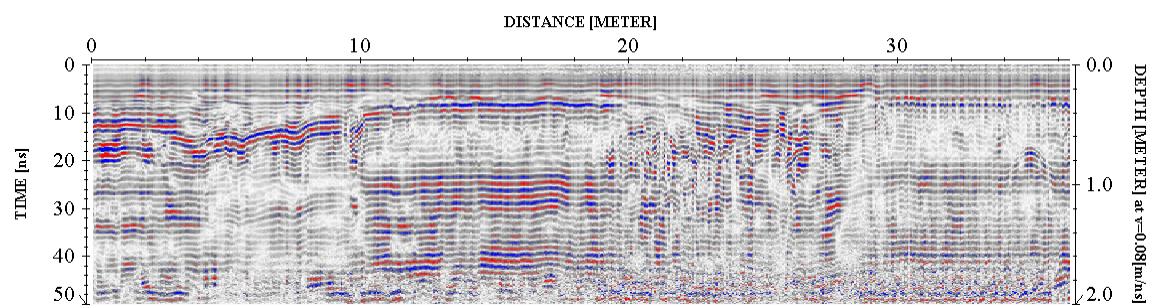
Step 2. Remove instrument noise (*dewow*)



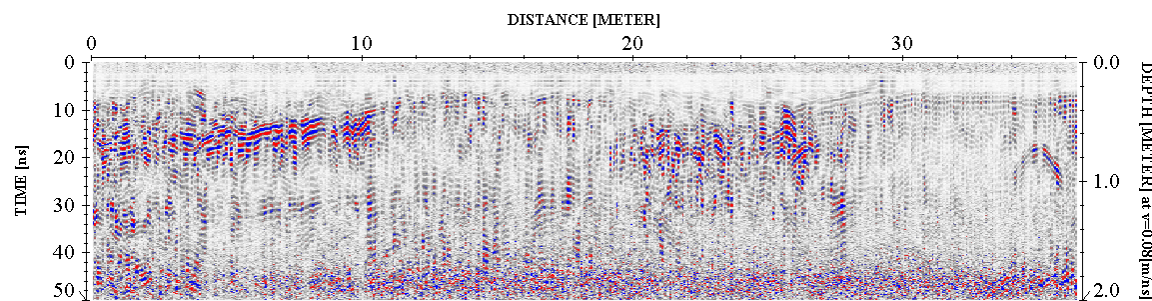
Step 3. Correct for attenuation losses (*energy decay function*)



Step 4. Remove static from bottom of profile (*time cut*)



Step 5. Mute horizontal ringing/noise (*subtracting average*)



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and represents the subsurface anomalies much more accurately.

PHYSICAL SETTINGS

NOVA observed the following physical conditions at the time of the survey.

Weather: Overcast

Temperature: 74° F

Surface: Concrete

Survey Parameters: A GPR scans were conducted within the survey area as shown on the survey plan. Along with GPR scans were conducted in tandem with an RD7100 Electromagnetic utility locator. Surveying was conducted over proposed drilling locations and additional areas of interest.

Limitations: The geophysical noise level (GNL) at the site was high due to being in an urban environment as well as other unknown anthropogenic sources.

RESULTS

The results of the geophysical engineering survey (GES) identified the following at the project site:

- Anomalies resembling potential subsurface utilities (such as electric, water, sewer, fuel) were identified. The approximate locations are shown in the survey plan.
- The GES identified 2 linear anomalies within the drive way area of the site. These linear anomalies are located 4' below ground surface (BGS).
- The GES identified multiple drainage lines within the basement boiler room, this area also contained an AST that is encased in concrete, an oil gauge can be seen mounted to the wall near the AST.
- The GES identified a sewer line within the finished/ tiled basement area that is 1' BGS, this sewer line leads out into Broadway.
- The GES identified an electrical line 1.5' BGS within the Cafeteria room along with an unknown utility, possibly a steam pipe. On the west side of the room a large high noise area was present, within this area the GES was unable to identify any individual utility but it is believed that utilities exist in this area.

- NOVA cleared and marked all proposed boring locations and adjusted them if in proximity to a utility or anomaly.

If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,

NOVA Geophysical Services



Levent Eskicakit, P.G., E.P.

Project Manager

Attachments:

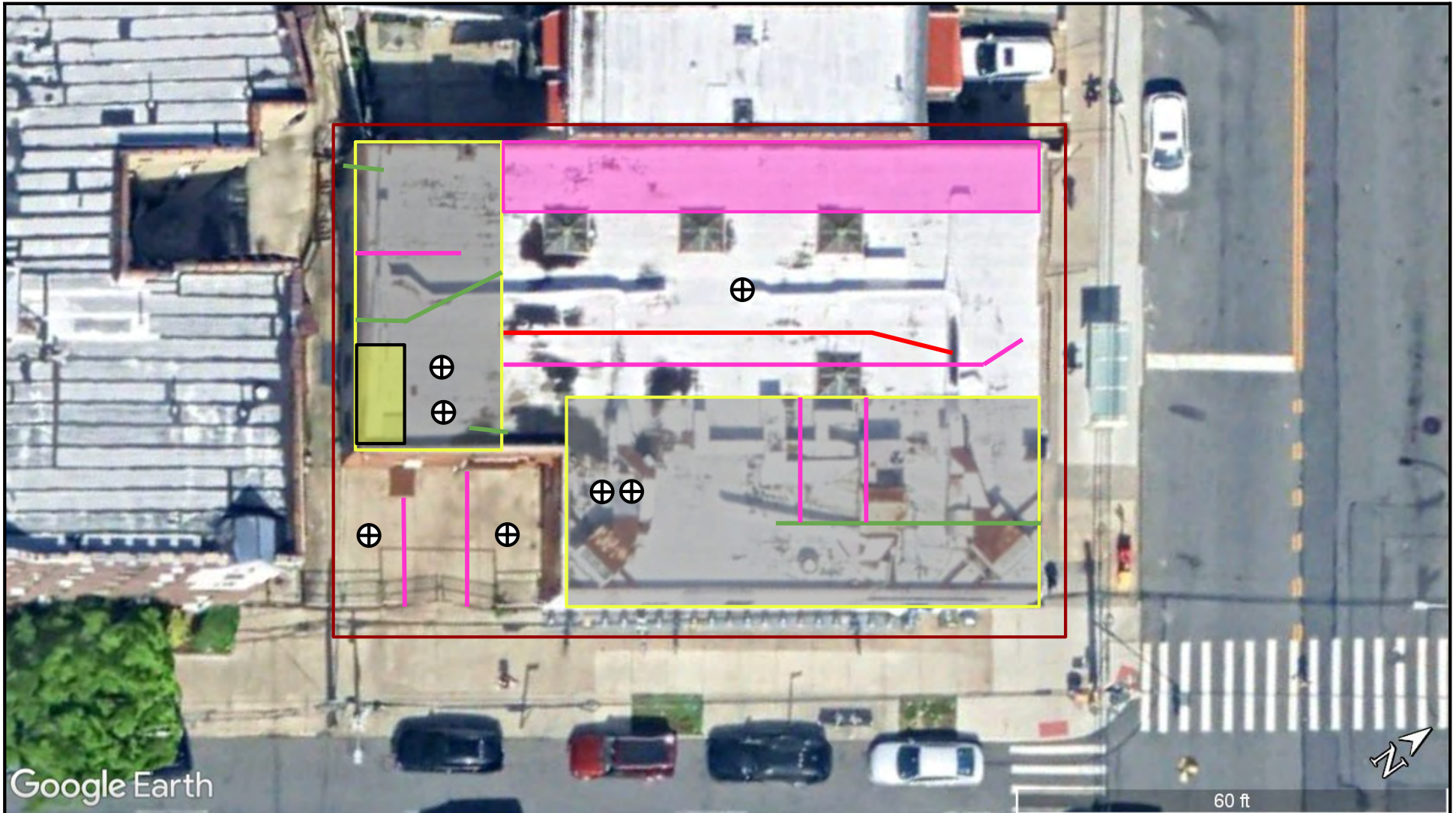
Location Map

Survey Plan

Geophysical Images



	Location Map	LEGEND
NOVA Geophysical Services Subsurface Mapping Solutions 56-01 Marathon Parkway, # 765 Douglaston, New York 11362 Phone (347) 556-7787 * Fax (718) 261-1527 www.novagsi.com	SITE: Commercial Property 23-56 Broadway, Long Island City, NY 11106 CLIENT: ARKF Inc. DATE: September 29th, 2025 AUTH: Ethan Siegenthaler	



	SURVEY PLAN	LEGEND
NOVA Geophysical Services Subsurface Mapping Solutions 56-01 Marathon Parkway, # 765 Douglaston, New York 11362 Phone (347) 556-7787 * Fax (718) 261-1527 www.novagsi.com	SITE: Commercial Property 23-56 Broadway, Long Island City, NY 11106 CLIENT: ARKF Inc. DATE: September 29th, 2025 AUTH: Ethan Siegenthaler	 Survey Areas  Concrete Encased AST  Anomalous High Noise Zone  Proposed Boring Location  Basement  Linear Anomaly  Electric  Sewer

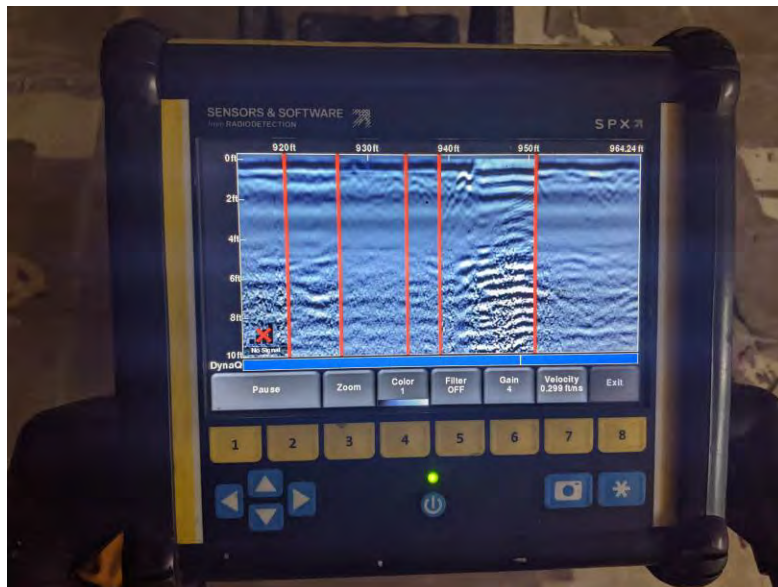
Geophysical Images

Commercial Property
23-56 Broadway,
Long Island City, NY 11106
September 29th, 2025



Geophysical Images

Commercial Property
23-56 Broadway,
Long Island City, NY 11106
September 29th, 2025



Geophysical Images

Commercial Property
23-56 Broadway,
Long Island City, NY 11106
September 29th, 2025



Geophysical Images

Commercial Property
23-56 Broadway,
Long Island City, NY 11106
September 29th, 2025



Geophysical Images

Commercial Property
23-56 Broadway,
Long Island City, NY 11106
September 29th, 2025



Geophysical Images

Commercial Property
23-56 Broadway,
Long Island City, NY 11106
September 29th, 2025



APPENDIX C
FIELD SAMPLING LOGS

TEMPORARY SOIL BORING AND WELL INSTALLATION LOG				23-56 Broadway, Astoria, Queens, NY AKRF Project Number: 250825				Groundwater Monitoring Well ID: Sheet 1 of 1		TW-01		Soil Boring ID:		SB-01			
akrf 440 Park Avenue South, 7th Floor New York, NY 10016				Drilling Method:		DPP		Drilling									
				Sampling Method:		5' Macrocores		Start Time: 8:10am				Finish Time: 9:30am					
				Driller:		Eastern Environmental											
				Weather:		66-78 °F, Clear		Date: 9/29/2025									
Logged by:		C. MacArthur, AKRF															
Depth (feet)		Well Construction		Surface Condition: Grass				Recovery (Inches)	Soil Boring Log			Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis	
1				1" PVC well casing: 0 to 15' below surface grade.					Top 4": CONCRETE.			ND	Dry	ND	ND	SB-01_0-2_20250929	
2									Bottom 36": Brown SAND, little fine Gravel, trace Silt (FILL).			ND	Dry	ND	ND		
3				Sandpack: 13' to 25' below grade.					Top 30": Brown SAND and Fine GRAVEL, trace Silt (FILL).			ND	Dry	ND	ND		
4																	
5				1" PVC well screen: 15' to 25' below grade.					Bottom 17": Brown SAND, trace fine Gravel, Silt.			ND	Dry	ND	ND		
6																	
7									Top 36": Brown SAND, trace fine Gravel, Silt.			ND	Dry	ND	ND		
8																	
9									Bottom 12": Brown SAND and GRAVEL,trace Silt.			ND	Dry	ND	ND		
10																	
11												ND	Dry	ND	ND		
12																	
13												ND	Dry	ND	ND		
14																	
15												ND	Dry	ND	ND		
Notes:  Groundwater Depth Indicator								Soil samples analyzed for VOCs (8260), SVOCs (8270), PCBs (8082), and TAL metals (6000/7000 series)									
Groundwater measured at 19.51 feet below grade in TW-01.								Groundwater encountered at approximately 20 feet below surface grade during soil boring advancement.									
Groundwater monitoring well installed to 25 feet below surface grade.								End of soil boring at 25 feet below surface grade.									
PID = photoionization detector NAPL = non-aqueous phase liquid ppm = parts per million ND = not detected																	
Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.																	

TEMPORARY SOIL BORING AND WELL INSTALLATION LOG		23-56 Broadway, Astoria, Queens, NY AKRF Project Number: 250825		Groundwater Monitoring Well ID: Sheet 1 of 1		TW-01		Soil Boring ID:		SB-01	
akrf 440 Park Avenue South, 7th Floor New York, NY 10016		Drilling Method: DPP		Drilling							
		Sampling Method: 5' Macrocores		Start Time: 8:10am				Finish Time: 9:30am			
		Driller: Eastern Environmental		Date: 9/29/2025							
		Weather: 66-78 °F, Clear									
Logged by: C. MacArthur, AKRF											
Depth (feet)	Well Construction		Surface Condition: Grass		Recovery (inches)	Soil Boring Log	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
16			1" PVC well casing: 0 to 15' below surface grade. Sandpack: 13' to 25' below grade. 1" PVC well screen: 15' to 25' below grade.		47	Brown SAND and GRAVEL,trace Silt.	ND	Dry	ND	ND	SB-01_18-20_20250929
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
Notes: Groundwater Depth Indicator					Soil samples analyzed for						
Groundwater measured at 19.51 feet below grade in TW-01.					Groundwater encountered at approximately x feet below surface grade during soil boring advancement.						
Groundwater monitoring well installed to 25 feet below surface grade.					End of soil boring at x feet below surface grade.						
PID = photoionization detector					NAPL = non-aqueous phase liquid		ppm = parts per million		ND = not detected		
Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.											

Soil Boring Log		23-56 Broadway, Astoria, Queens, NY AKRF Project Number: 250825		Soil Boring ID:		SB-02		
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	DPP	Drilling				
		Sampling Method:	5' Macrocores					
		Driller:	Eastern Environmental	Start Time: 9:30 am		Finish Time: 11:05 am		
		Weather:	66-78 °F, Clear	Date: 09/29/2025				
Logged By:	C. MacArthur, AKRF							
Depth (feet)	Recovery (Inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	42	Top 4": CONCRETE.		ND	Dry	ND	ND	SB-02_0-2_20250929
2		Bottom 36": Brown SAND and Fine GRAVEL, trace Silt (FILL).		ND	Dry	ND	ND	
3								
4								
5								
6	50	Brown SAND and Fine GRAVEL, trace Silt (FILL).		ND	Dry	ND	ND	
7								
8								
9								
10								
11	52	Top 40": Brown SAND and Fine GRAVEL, trace Silt (FILL).		ND	Dry	ND	ND	
12								
13								
14								
15		Bottom 12": Brown SAND, little Fine Gravel, trace Silt		ND	Dry	ND	ND	
16	48	Top 38" :Brown SAND, little Fine Gravel, trace Silt.		ND	Dry	ND	ND	SB-02_18-20_20250929
17								
18								
19								
20		Bottom 10": Brown SAND, trace Silt.		ND	Dry	ND	ND	
Notes: Soil samples analyzed for VOCs (8260), SVOCs (8270), PCBs (8082), and TAL metals (6000/7000 series) Groundwater encountered at approximately 20 feet below grade during soil boring installation. End of soil boring at 25 feet below grade.								
PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected								
<i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>								

Soil Boring Log		23-56 Broadway, Astoria, Queens, NY AKRF Project Number: 250825		Soil Boring ID:		SB-01		
akrf 440 Park Avenue South, 7th Floor New York, NY 10016		Drilling Method: DPP		Drilling				
		Sampling Method: 5' Macrocores		Start Time: 8:10 am			Finish Time: 9:30 am	
		Driller: Eastern Environmental						
		Weather: 66-78 °F, Clear						
		Logged By: C. MacArthur, AKRF		Date: 09/29/2025				
Depth (feet)	Recovery (Inches)	Surface Condition: Concrete		Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21	54	Brown SAND, trace Silt.		ND	Wet	ND	ND	
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
Notes: Soil samples analyzed for VOCs (8260), SVOCs (8270), PCBs (8082), and TAL metals (6000/7000 series) Groundwater encountered at approximately 20 feet below grade during soil boring installation. End of soil boring at 25 feet below grade.								
PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected								
Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.								

TEMPORARY SOIL BORING AND WELL INSTALLATION LOG				23-56 Broadway, Astoria, Queens, NY				Groundwater Monitoring Well ID:		TW-03		Soil Boring ID:		SB-03				
akrf 440 Park Avenue South, 7th Floor New York, NY 10016				Drilling Method:		DPP		Drilling										
				Sampling Method:		3' Macrocores		Start Time: 8:40am				Finish Time: 10:30am						
				Driller:		Eastern Environmental												
				Weather:		66-78 °F, Clear		Date: 9/30/2025										
				Logged by:		C. MacArthur, AKRF												
Depth (feet)	Well Construction			Surface Condition: Grass			Recovery (Inches)	Soil Boring Log			Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis			
1				1" PVC well casing: 0 to 5' below surface grade.			21	Brown SAND, some fine Gravel, trace Silt.			ND	Dry	ND	ND	SB-03_0-2_20250930			
2							Sandpack: 3' to 15' below grade.			36	Brown SAND, some fine Gravel, trace Silt.			ND	Dry	ND	ND	
3																		
4																		
5																		
6																		
7				1" PVC well screen: 5' to 15' below grade.			36	Brown SAND, some fine Gravel, trace Silt.			ND	Dry	ND	ND				
8																		
9																		
10																		
11																		
12							12	Brown SAND, some fine Gravel, trace Silt.			ND	Dry	2.0	ND	SB-03_11-13_20250930			
13																		
14																		
15							20	Grey SAND, some fine Gravel, little Silt.			Petroleum-like	Wet	25.0	ND	SB-03_13-15_20250930			
Notes:  Groundwater Depth Indicator						Soil samples analyzed for VOCs (8260), SVOCs (8270), PCBs (8082), and TAL metals (6000/7000 series)												
Groundwater measured at 11.75 feet below grade in TW-03.						Groundwater encountered at approximately 12 feet below surface grade during soil boring advancement.												
Groundwater monitoring well installed to 15 feet below surface grade.						End of soil boring at 15 feet below surface grade.												
PID = photoionization detector				NAPL = non-aqueous phase liquid				ppm = parts per million				ND = not detected						
Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.																		

TEMPORARY SOIL BORING AND WELL INSTALLATION LOG			23-56 Broadway, Astoria, Queens, NY AKRF Project Number: 250825			Groundwater Monitoring Well ID: Sheet 1 of 1		TW-04		Soil Boring ID:		SB-04			
akrf 440 Park Avenue South, 7th Floor New York, NY 10016			Drilling Method:		DPP		Drilling								
			Sampling Method:		3' Macrocores		Start Time: 11:10am				Finish Time: 12:20pm				
			Driller:		Eastern Environmental		Date: 9/30/2025								
			Weather:		66-78 °F, Clear										
			Logged by:		C. MacArthur, AKRF										
Depth (feet)	Well Construction			Surface Condition: Grass			Recovery (Inches)	Soil Boring Log		Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis	
1				1" PVC well casing: to 5' below surface grade.			21	Brown SAND, some fine Gravel, trace Silt and Brick (FILL).		ND	Dry	ND	ND	SB-04_0-2_20250930	
2							36	Brown SAND, some fine Gravel, trace Silt.		ND	Dry	ND	ND		
3															
4															
5															
6															
7							36	Brown SAND, some Silt, trace fine Gravel.		ND	Dry	ND	ND		
8															
9															
10															
11															
12							12	Brown SAND, some fine Gravel, trace Silt.		ND	Dry	ND	ND	SB-04_9-11_20250930	
13															
14															
15															
15	20	Dark Brown SAND, little fine Gravel, trace Silt.		Petroleum-like	Wet	1.5	ND								
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4	20	Dark Brown SAND, little fine Gravel, trace Silt.		Petroleum-like	Wet	1.5	ND								
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8	20	Dark Brown SAND, little fine Gravel, trace Silt.		Petroleum-like	Wet	1.5	ND								
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12	20	Dark Brown SAND, little fine Gravel, trace Silt.		Petroleum-like	Wet	1.5	ND								
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15	20	Dark Brown SAND, little fine Gravel, trace Silt.		Petroleum-like	Wet	1.5	ND								
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4	20	Dark Brown SAND, little fine Gravel, trace Silt.		Petroleum-like	Wet	1.5	ND								
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8	20	Dark Brown SAND, little fine Gravel, trace Silt.		Petroleum-like	Wet	1.5	ND								
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12	20	Dark Brown SAND, little fine Gravel, trace Silt.		Petroleum-like	Wet	1.5	ND								
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4	20	Dark Brown SAND, little fine Gravel, trace Silt.		Petroleum-like	Wet	1.5	ND								
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15	20	Dark Brown SAND, little fine Gravel, trace Silt.		Petroleum-like	Wet	1.5	ND								
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4	20	Dark Brown SAND, little fine Gravel, trace Silt.		Petroleum-like	Wet	1.5	ND								



440 Park Avenue South, 7th Floor
New York, NY 10016

Groundwater Monitoring Well Sampling Log

Project Name:		23-56 Broadway			Client:		Astoria Arts LLC		Well ID: TW-01
Project Location:		23-56 Broadway, Astoria, Queens, NY			Sampled By:		C. MacArthur		
Project Number:		250825			Sampling Date:		9/30/2025		
Headspace PID:		0.3			Sampling Time:		8:20:00 AM		
Total Well Depth:		25.1 ft. below top of casing			Water Column:		5.59 feet		*= 0.041 * WC for 1" wells
Depth to Water:		19.51 ft. below top of casing			Well Volume*:		0.229 gallons		*= 0.163 * WC for 2" wells
Product Thickness:		ND ft. below top of casing			Volume Purged:		~1.25 gallons		*= 0.653 * WC for 4" wells
Depth to Top of Screen:		15.1 ft. below top of casing			Well Diameter:		1 inch		The target maximum flow rate is 100 ml/min. If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.
Depth to Bottom of Screen:		25.1 ft. below top of casing			Purging Device:		Peri Pump		
Approximate Pump Intake:		~22.25 ft. below top of casing							
Time	Depth to Water (ft.)	Purge Rate (ml/min)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
8:00:00 AM	19.51	100	19.3	1.220	2.20	7.45	48.2	146.7	No color, no odor, no sheen. Approx. 0.5 gallons of high turbidity water purged before starting collection of water quality data.
8:05:00 AM	19.51	100	18.9	1.212	0.97	7.41	-31.8	40.06	
8:10:00 AM	19.51	100	18.9	1.212	0.58	7.41	-77.4	20.08	
8:15:00 AM	19.51	100	18.8	1.210	0.48	7.41	-90.2	15.81	
Sampling									
8:25:00 AM	19.51	100	19.3	1.222	0.54	7.41	-104.0	19.43	
Stabilization Criteria:				+/- 3% mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	



440 Park Avenue South, 7th Floor
New York, NY 10016

Groundwater Monitoring Well Sampling Log

Project Name:		23-56 Broadway			Client:		Astoria Arts LLC		Well ID: TW-03
Project Location:		23-56 Broadway, Astoria, Queens, NY			Sampled By:		C. MacArthur		
Project Number:		250825			Sampling Date:		9/30/2025		
Headspace PID:		0.0			Sampling Time:		11:20:00 AM		
Total Well Depth:		14.96 ft. below top of casing			Water Column:		3.21 feet		*= 0.041 * WC for 1" wells
Depth to Water:		11.75 ft. below top of casing			Well Volume*:		0.132 gallons		*= 0.163 * WC for 2" wells
Product Thickness:		ND ft. below top of casing			Volume Purged:		~1.75 gallons		*= 0.653 * WC for 4" wells
Depth to Top of Screen:		5 ft. below top of casing			Well Diameter:		1 inch		The target maximum flow rate is 100 ml/min. If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.
Depth to Bottom of Screen:		15 ft. below top of casing			Purging Device:		Peri Pump		
Approximate Pump Intake:		~13.5 ft. below top of casing							
Time	Depth to Water (ft.)	Purge Rate (ml/min)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
11:05:00 AM	11.75	100	19.6	1.603	2.14	8.01	89.1	444.22	No color, no odor, no sheen. Approx. 1 gallon of high turbidity water purged before starting collection of water quality data.
11:10:00 AM	11.75	100	19.5	1.586	0.38	7.83	37.3	85.75	
11:15:00 AM	11.75	100	19.8	1.585	0.19	7.85	-14.6	40.64	
Sampling									
11:25:00 AM	11.75	100	20.0	1.61	0.29	7.86	-34.9	293.7	
Stabilization Criteria:				+/- 3% mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	



440 Park Avenue South, 7th Floor
New York, NY 10016

Groundwater Monitoring Well Sampling Log

Project Name:		23-56 Broadway			Client:		Astoria Arts LLC		Well ID: TW-04
Project Location:		23-56 Broadway, Astoria, Queens, NY			Sampled By:		C. MacArthur		
Project Number:		250825			Sampling Date:		9/30/2025		
Headspace PID:		0.0			Sampling Time:		1:30:00 PM		
Total Well Depth:		13.9 ft. below top of casing			Water Column:		2.62 feet		*= 0.041 * WC for 1" wells
Depth to Water:		11.28 ft. below top of casing			Well Volume*:		0.107 gallons		*= 0.163 * WC for 2" wells
Product Thickness:		ND ft. below top of casing			Volume Purged:		~1.25 gallons		*= 0.653 * WC for 4" wells
Depth to Top of Screen:		4 ft. below top of casing			Well Diameter:		1 inch		The target maximum flow rate is 100 ml/min. If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.
Depth to Bottom of Screen:		14 ft. below top of casing			Purging Device:		Peri Pump		
Approximate Pump Intake:		~13 ft. below top of casing							
Time	Depth to Water (ft.)	Purge Rate (ml/min)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
1:15:00 PM	11.28	100	20.7	1.384	1.55	8.15	-116.7	395.16	No color, no odor, no sheen. Approx. 0.5 gallons of high turbidity water purged before starting collection of water quality data.
1:20:00 PM	11.28	100	20.1	1.336	0.40	7.90	-165.6	46.7	
1:25:00 PM	11.28	100	20.0	1.322	0.24	7.84	-174.6	39.1	
Sampling									
1:35:00 AM	11.28	100	20.2	1.3	0.5	7.80	-188.3	47.9	
Stabilization Criteria:				+/- 3% mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	



440 Park Avenue South, 7th Floor
New York, NY 10016

Soil Vapor Sample Log

Project Name:	23-56 Broadway	Point Installed By:	Eastern Environmental
Project Location:	23-56 Broadway, Queens, NY	Installation Method:	Hammer Drill
Project Number:	250825	Sampled By:	C. MacArthur
Client:	Broadway Astoria Arts LLC	Date:	9/29/2025
		Weather:	66-78°F, Clear

Sample Setup

Vapor Point Depth:	12	Inches	Purge Time:	10 minutes
Tubing Volume:	0.64	In ³	Purge Volume:	2 Liters
Purging Pump:	GilAir Plus		Purged Vapor PID:	14.5 ppm
Pump Flow Rate*:	0.2	L/min	Helium Concentration:	0 %

Sample Identification

Soil Vapor Point ID:	SV-01	SUMMA[®] Canister ID:	1628
Flow Controller ID:	A940009	Soil Vapor Sample ID:	SV-01_20250929

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	11:25AM	-28.57	0.0	
Time Halfway:	12:25PM	-9.76	0.0	
Time Stopped:	12:30PM	-5.88	0.0	

Notes:

ND = non-detect ppm = parts per million L/min = Liters per minute in/Hg = inches of mercury

Soil vapor sample SV-01_20250929 collected in a 6-L SUMMA[®] canister using a 2-hour flow controller.



440 Park Avenue South, 7th Floor

New York, NY 10016

Soil Vapor Sample Log

Project Name:	23-56 Broadway	Point Installed By:	Eastern Environmental
Project Location:	23-56 Broadway, Queens, NY	Installation Method:	Hammer Drill
Project Number:	250825	Sampled By:	C. MacArthur
Client:	Broadway Astoria Arts LLC	Date:	9/30/2025
		Weather:	64-78°F, Clear

Sample Setup

Vapor Point Depth:	12	Inches	Purge Time:	10 minutes
Tubing Volume:	0.64	In ³	Purge Volume:	2 Liters
Purging Pump:	GilAir Plus		Purged Vapor PID:	12.3 ppm
Pump Flow Rate*:	0.2	L/min	Helium Concentration:	0 %

Sample Identification

Soil Vapor Point ID:	SV-03	SUMMA® Canister ID:	854
Flow Controller ID:	4999	Soil Vapor Sample ID:	SV-03_20250930

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	11:11AM	-28.00	0.3	
Time Halfway:	12:12PM	-16.10	0.3	
Time Stopped:	12:52PM	-6.00	0.3	

Notes:

ND = non-detect ppm = parts per million L/min = Liters per minute in/Hg = inches of mercury

Soil vapor sample SV-03_20250930 collected in a 6-L SUMMA® canister using a 2-hour flow controller.



440 Park Avenue South, 7th Floor
New York, NY 10016

Soil Vapor Sample Log

Project Name:	23-56 Broadway	Point Installed By:	Eastern Environmental
Project Location:	23-56 Broadway, Queens, NY	Installation Method:	Hammer Drill
Project Number:	250825	Sampled By:	C. MacArthur
Client:	Broadway Astoria Arts LLC	Date:	9/30/2025
		Weather:	64-78°F, Clear

Sample Setup

Vapor Point Depth:	12	Inches	Purge Time:	10 minutes
Tubing Volume:	0.64	In ³	Purge Volume:	2 Liters
Purging Pump:	GilAir Plus		Purged Vapor PID:	12.2 ppm
Pump Flow Rate*:	0.2	L/min	Helium Concentration:	0 %

Sample Identification

Soil Vapor Point ID:	SV-04	SUMMA[®] Canister ID:	547
Flow Controller ID:	3740	Soil Vapor Sample ID:	SV-04_20250930

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	1:15PM	-28.00	0.0	
Time Halfway:	2:20PM	-16.10	0.0	
Time Stopped:	3:20PM	-6.00	0.0	

Notes:

ND = non-detect ppm = parts per million L/min = Liters per minute in/Hg = inches of mercury

Soil vapor sample SV-04_20250930 collected in a 6-L SUMMA[®] canister using a 2-hour flow controller.



440 Park Avenue South, 7th Floor

New York, NY 10016

Ambient Air Sample Log

Project Name:	23-56 Broadway	Sampled By:	C. MacArthur
Project Location:	23-56 Broadway, Queens, NY	Date:	9/29/2025
Project Number:	9/24/2586	Weather:	66-78°F, Clear
Client:	Broadway Astoria Arts LLC	Wind Direction:	NE 7-12mph

Sample Identification

On-Site Location:	SW corner of courtyard	SUMMA[®] Canister ID:	1228
Flow Controller ID:	A101014	Ambient Air Sample ID:	AA-01

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Potential VOC Sources/Notes
Time Started:	11:20AM	-28.75	0.1	
Time Halfway:	12:20PM	-10.65	0.0	
Time Stopped:	12:40PM	-3.84	0.0	

Notes:

ND = non-detect

ppm = parts per million

in/Hg = inches of mercury

Ambient air sample AA-01_20250929 collected in a 6-L SUMMA[®] canister using a 2-hour flow controller.

APPENDIX D
LABORATORY ANALYTICAL REPORTS

ANALYTICAL REPORT

PREPARED FOR

Attn: Charles MacArthur
AKRF Inc
440 Park Avenue South
7th Floor
New York, New York 10016

Generated 10/8/2025 2:16:11 PM

JOB DESCRIPTION

23-56 Broadway, Astoria, Queens, NY

JOB NUMBER

460-335984-1

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



Authorized for release by
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Definitions/Glossary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	Surrogate is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	Surrogate is outside acceptance limits.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
U	Indicates analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)

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Definitions/Glossary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: AKRF Inc
Project: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Job ID: 460-335984-1

Eurofins Edison

Job Narrative 460-335984-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 9/29/2025 7:45 PM and 9/30/2025 7:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.6°C and 2.2°C.

Receipt Exceptions

Per laboratory policy, the Trip Blank sample date/time was added to reflect the latest sample date/time of the sampling event. TB-01_20250930 (460-336108-6)

Method 8260D - Volatile Organic Compounds by GC/MS

Samples SB-01_0-2_20250929 (460-335984-1), SB-01_18-20_20250929 (460-335984-2), SB-02_0-2_20250929 (460-335984-3), SB-02_18-20_20250929 (460-335984-4), SB-03_0-2_20250930 (460-336108-1), SB-03_11-13_20250930 (460-336108-2), SB-03_13-15_20250930 (460-336108-3), SB-04_0-2_20250930 (460-336108-4), SB-04_9-11_20250930 (460-336108-5) and TB-01_20250930 (460-336108-6) were analyzed for Volatile Organic Compounds by GC/MS. The samples were prepared on 9/30/2025 and 10/2/2025 and analyzed on 10/3/2025, 10/4/2025 and 10/6/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1066155 was outside the method criteria for the following analyte: 1,2-Dichloroethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1066155 recovered outside control limits for the following analyte: 2-Hexanone. This analyte was biased low in the LCS/LCSD.

The continuing calibration verification (CCV) analyzed in batch 460-1065536 was outside the method criteria for the following analytes: Bromoform and Methyl acetate (biased high) and Chlorobromomethane and Trichlorofluoromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1065536 recovered outside control limits for the following analytes: Bromoform, Methyl acetate and Chlorodibromomethane. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-1065633 recovered above the upper control limit for Bromoform and Methyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1065633 recovered outside control limits for the following analytes: Bromoform, Dibromochloromethane and Methyl acetate. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E - Semivolatile Organic Compounds (GC/MS)

Samples SB-01_0-2_20250929 (460-335984-1), SB-01_18-20_20250929 (460-335984-2), SB-02_0-2_20250929 (460-335984-3), SB-02_18-20_20250929 (460-335984-4), SB-03_0-2_20250930 (460-336108-1), SB-03_11-13_20250930 (460-336108-2),

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Case Narrative

Client: AKRF Inc
Project: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Job ID: 460-335984-1 (Continued)

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SB-03_13-15_20250930 (460-336108-3), SB-04_0-2_20250930 (460-336108-4) and SB-04_9-11_20250930 (460-336108-5) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared on 9/30/2025 and 10/1/2025 and analyzed on 10/1/2025 and 10/2/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1064969 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Samples SB-01_0-2_20250929 (460-335984-1), SB-01_18-20_20250929 (460-335984-2), SB-02_0-2_20250929 (460-335984-3), SB-02_18-20_20250929 (460-335984-4), SB-03_0-2_20250930 (460-336108-1), SB-03_11-13_20250930 (460-336108-2), SB-03_13-15_20250930 (460-336108-3), SB-04_0-2_20250930 (460-336108-4) and SB-04_9-11_20250930 (460-336108-5) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 9/30/2025, 10/1/2025 and 10/3/2025 and analyzed on 10/1/2025, 10/2/2025, 10/3/2025 and 10/4/2025.

The Tetrachloro-m-xylene surrogate recovery for the following samples was outside acceptance limits (high biased) on the primary column due to matrix interference: SB-02_0-2_20250929 (460-335984-3). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Surrogate Decachlorobiphenyl and Tetrachloro-m-xylene recovery for the following sample was outside the upper control limit: SB-03_11-13_20250930 (460-336108-2). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 6020B - Metals (ICP/MS)

Samples SB-01_0-2_20250929 (460-335984-1), SB-01_18-20_20250929 (460-335984-2), SB-02_0-2_20250929 (460-335984-3), SB-02_18-20_20250929 (460-335984-4), SB-03_0-2_20250930 (460-336108-1), SB-03_11-13_20250930 (460-336108-2), SB-03_13-15_20250930 (460-336108-3), SB-04_0-2_20250930 (460-336108-4) and SB-04_9-11_20250930 (460-336108-5) were analyzed for Metals (ICP/MS). The samples were prepared on 10/3/2025 and 10/6/2025 and analyzed on 10/4/2025 and 10/6/2025.

Method 7471B - Mercury (CVAA)

Samples SB-01_0-2_20250929 (460-335984-1), SB-01_18-20_20250929 (460-335984-2), SB-02_0-2_20250929 (460-335984-3), SB-02_18-20_20250929 (460-335984-4), SB-03_0-2_20250930 (460-336108-1), SB-03_11-13_20250930 (460-336108-2), SB-03_13-15_20250930 (460-336108-3), SB-04_0-2_20250930 (460-336108-4) and SB-04_9-11_20250930 (460-336108-5) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 10/6/2025 and 10/8/2025.

Samples SB-01_0-2_20250929 (460-335984-1)[10x] and SB-01_0-2_20250929 (460-335984-1)[5x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Method Moisture - Percent Moisture

Samples SB-01_0-2_20250929 (460-335984-1), SB-01_18-20_20250929 (460-335984-2), SB-02_0-2_20250929 (460-335984-3), SB-02_18-20_20250929 (460-335984-4), SB-03_0-2_20250930 (460-336108-1), SB-03_11-13_20250930 (460-336108-2), SB-03_13-15_20250930 (460-336108-3), SB-04_0-2_20250930 (460-336108-4) and SB-04_9-11_20250930 (460-336108-5) were analyzed for Percent Moisture. The samples were analyzed on 10/2/2025 and 10/5/2025.

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Detection Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-01_0-2_20250929

Lab Sample ID: 460-335984-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.00099	J	0.0053	0.00039	mg/Kg	1	✱	8260D	Total/NA
Acetone	0.013		0.0064	0.0061	mg/Kg	1	✱	8260D	Total/NA
Tetrachloroethene	0.0016		0.0011	0.00032	mg/Kg	1	✱	8260D	Total/NA
Benzo[a]anthracene	0.073		0.033	0.025	mg/Kg	1	✱	8270E	Total/NA
Benzo[a]pyrene	0.067		0.033	0.0089	mg/Kg	1	✱	8270E	Total/NA
Benzo[b]fluoranthene	0.093		0.033	0.0086	mg/Kg	1	✱	8270E	Total/NA
Benzo[g,h,i]perylene	0.046	J	0.33	0.0099	mg/Kg	1	✱	8270E	Total/NA
Benzo[k]fluoranthene	0.031	J	0.033	0.0066	mg/Kg	1	✱	8270E	Total/NA
Chrysene	0.077	J	0.33	0.014	mg/Kg	1	✱	8270E	Total/NA
Fluoranthene	0.13	J	0.33	0.012	mg/Kg	1	✱	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.043		0.033	0.013	mg/Kg	1	✱	8270E	Total/NA
Phenanthrene	0.055	J	0.33	0.014	mg/Kg	1	✱	8270E	Total/NA
Pyrene	0.14	J	0.33	0.0083	mg/Kg	1	✱	8270E	Total/NA
Aluminum	7240		15.6	4.3	mg/Kg	1	✱	6020B	Total/NA
Antimony	4.0		0.78	0.11	mg/Kg	1	✱	6020B	Total/NA
Arsenic	8.9		0.78	0.080	mg/Kg	1	✱	6020B	Total/NA
Barium	294		1.6	0.11	mg/Kg	1	✱	6020B	Total/NA
Beryllium	0.39		0.31	0.017	mg/Kg	1	✱	6020B	Total/NA
Cadmium	0.98		0.78	0.088	mg/Kg	1	✱	6020B	Total/NA
Calcium	4550		78.1	7.6	mg/Kg	1	✱	6020B	Total/NA
Chromium	18.0		1.6	0.23	mg/Kg	1	✱	6020B	Total/NA
Cobalt	6.2		0.78	0.12	mg/Kg	1	✱	6020B	Total/NA
Copper	96.4		1.6	0.29	mg/Kg	1	✱	6020B	Total/NA
Iron	22500		46.8	6.0	mg/Kg	1	✱	6020B	Total/NA
Lead	1060		0.47	0.16	mg/Kg	1	✱	6020B	Total/NA
Magnesium	2430		78.1	8.0	mg/Kg	1	✱	6020B	Total/NA
Manganese	269		3.1	0.31	mg/Kg	1	✱	6020B	Total/NA
Nickel	15.8		1.6	0.14	mg/Kg	1	✱	6020B	Total/NA
Potassium	964		78.1	12.6	mg/Kg	1	✱	6020B	Total/NA
Selenium	0.81	J	0.98	0.10	mg/Kg	1	✱	6020B	Total/NA
Silver	0.41		0.31	0.069	mg/Kg	1	✱	6020B	Total/NA
Sodium	130		78.1	35.7	mg/Kg	1	✱	6020B	Total/NA
Thallium	0.18	J	0.31	0.032	mg/Kg	1	✱	6020B	Total/NA
Vanadium	21.9		1.6	0.16	mg/Kg	1	✱	6020B	Total/NA
Zinc	519		6.2	0.85	mg/Kg	1	✱	6020B	Total/NA
Mercury	2.0		0.079	0.037	mg/Kg	5	✱	7471B	Total/NA

Client Sample ID: SB-01_18-20_20250929

Lab Sample ID: 460-335984-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0061		0.0058	0.0056	mg/Kg	1	✱	8260D	Total/NA
Aluminum	9670		15.4	4.2	mg/Kg	1	✱	6020B	Total/NA
Arsenic	0.81		0.77	0.079	mg/Kg	1	✱	6020B	Total/NA
Barium	69.7		1.5	0.11	mg/Kg	1	✱	6020B	Total/NA
Beryllium	0.18	J	0.31	0.017	mg/Kg	1	✱	6020B	Total/NA
Calcium	36600		76.8	7.5	mg/Kg	1	✱	6020B	Total/NA
Chromium	33.8		1.5	0.23	mg/Kg	1	✱	6020B	Total/NA
Cobalt	7.7		0.77	0.11	mg/Kg	1	✱	6020B	Total/NA
Copper	14.3		1.5	0.28	mg/Kg	1	✱	6020B	Total/NA
Iron	17600		46.1	5.9	mg/Kg	1	✱	6020B	Total/NA
Lead	2.6		0.46	0.15	mg/Kg	1	✱	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-01_18-20_20250929 (Continued)

Lab Sample ID: 460-335984-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	26600		76.8	7.8	mg/Kg	1	✱	6020B	Total/NA
Manganese	252		3.1	0.31	mg/Kg	1	✱	6020B	Total/NA
Nickel	23.9		1.5	0.14	mg/Kg	1	✱	6020B	Total/NA
Potassium	2390		76.8	12.4	mg/Kg	1	✱	6020B	Total/NA
Sodium	178		76.8	35.1	mg/Kg	1	✱	6020B	Total/NA
Thallium	0.19	J	0.31	0.031	mg/Kg	1	✱	6020B	Total/NA
Vanadium	33.0		1.5	0.16	mg/Kg	1	✱	6020B	Total/NA
Zinc	58.8		6.1	0.84	mg/Kg	1	✱	6020B	Total/NA

Client Sample ID: SB-02_0-2_20250929

Lab Sample ID: 460-335984-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0096		0.0061	0.0058	mg/Kg	1	✱	8260D	Total/NA
Tetrachloroethene	0.00034	J	0.0010	0.00031	mg/Kg	1	✱	8260D	Total/NA
Benzo[b]fluoranthene	0.012	J	0.033	0.0086	mg/Kg	1	✱	8270E	Total/NA
Fluoranthene	0.018	J	0.33	0.012	mg/Kg	1	✱	8270E	Total/NA
Pyrene	0.019	J	0.33	0.0083	mg/Kg	1	✱	8270E	Total/NA
Aluminum	8260		15.8	4.3	mg/Kg	1	✱	6020B	Total/NA
Antimony	0.47	J	0.79	0.12	mg/Kg	1	✱	6020B	Total/NA
Arsenic	3.0		0.79	0.081	mg/Kg	1	✱	6020B	Total/NA
Barium	97.9		1.6	0.11	mg/Kg	1	✱	6020B	Total/NA
Beryllium	0.36		0.32	0.017	mg/Kg	1	✱	6020B	Total/NA
Cadmium	0.36	J	0.79	0.089	mg/Kg	1	✱	6020B	Total/NA
Calcium	7030		78.8	7.7	mg/Kg	1	✱	6020B	Total/NA
Chromium	21.4		1.6	0.23	mg/Kg	1	✱	6020B	Total/NA
Cobalt	7.3		0.79	0.12	mg/Kg	1	✱	6020B	Total/NA
Copper	38.6		1.6	0.29	mg/Kg	1	✱	6020B	Total/NA
Iron	15700		47.3	6.0	mg/Kg	1	✱	6020B	Total/NA
Lead	137		0.47	0.16	mg/Kg	1	✱	6020B	Total/NA
Magnesium	5500		78.8	8.0	mg/Kg	1	✱	6020B	Total/NA
Manganese	321		3.2	0.32	mg/Kg	1	✱	6020B	Total/NA
Nickel	15.3		1.6	0.14	mg/Kg	1	✱	6020B	Total/NA
Potassium	1360		78.8	12.8	mg/Kg	1	✱	6020B	Total/NA
Selenium	0.31	J	0.98	0.10	mg/Kg	1	✱	6020B	Total/NA
Silver	0.076	J	0.32	0.070	mg/Kg	1	✱	6020B	Total/NA
Sodium	216		78.8	36.0	mg/Kg	1	✱	6020B	Total/NA
Thallium	0.14	J	0.32	0.032	mg/Kg	1	✱	6020B	Total/NA
Vanadium	32.3		1.6	0.16	mg/Kg	1	✱	6020B	Total/NA
Zinc	119		6.3	0.86	mg/Kg	1	✱	6020B	Total/NA
Mercury	0.11		0.016	0.0073	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: SB-02_18-20_20250929

Lab Sample ID: 460-335984-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.010		0.0063	0.0060	mg/Kg	1	✱	8260D	Total/NA
Aluminum	2000		15.7	4.3	mg/Kg	1	✱	6020B	Total/NA
Arsenic	0.60	J	0.78	0.081	mg/Kg	1	✱	6020B	Total/NA
Barium	13.9		1.6	0.11	mg/Kg	1	✱	6020B	Total/NA
Beryllium	0.097	J	0.31	0.017	mg/Kg	1	✱	6020B	Total/NA
Calcium	9090		78.4	7.6	mg/Kg	1	✱	6020B	Total/NA
Chromium	5.7		1.6	0.23	mg/Kg	1	✱	6020B	Total/NA
Cobalt	3.6		0.78	0.12	mg/Kg	1	✱	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-02_18-20_20250929 (Continued)

Lab Sample ID: 460-335984-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	7.1		1.6	0.29	mg/Kg	1	✱	6020B	Total/NA
Iron	6350		47.0	6.0	mg/Kg	1	✱	6020B	Total/NA
Lead	2.5		0.47	0.16	mg/Kg	1	✱	6020B	Total/NA
Magnesium	5890		78.4	8.0	mg/Kg	1	✱	6020B	Total/NA
Manganese	148		3.1	0.32	mg/Kg	1	✱	6020B	Total/NA
Nickel	5.5		1.6	0.14	mg/Kg	1	✱	6020B	Total/NA
Potassium	324		78.4	12.7	mg/Kg	1	✱	6020B	Total/NA
Sodium	113		78.4	35.8	mg/Kg	1	✱	6020B	Total/NA
Vanadium	10.9		1.6	0.16	mg/Kg	1	✱	6020B	Total/NA
Zinc	10.9		6.3	0.85	mg/Kg	1	✱	6020B	Total/NA

Client Sample ID: SB-03_0-2_20250930

Lab Sample ID: 460-336108-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0082		0.0064	0.0061	mg/Kg	1	✱	8260D	Total/NA
Aluminum	7910		19.2	5.3	mg/Kg	1	✱	6020B	Total/NA
Arsenic	3.2		0.96	0.099	mg/Kg	1	✱	6020B	Total/NA
Barium	71.2		1.9	0.14	mg/Kg	1	✱	6020B	Total/NA
Beryllium	0.31	J	0.38	0.021	mg/Kg	1	✱	6020B	Total/NA
Cadmium	0.31	J	0.96	0.11	mg/Kg	1	✱	6020B	Total/NA
Calcium	11800		95.9	9.3	mg/Kg	1	✱	6020B	Total/NA
Chromium	17.0		1.9	0.28	mg/Kg	1	✱	6020B	Total/NA
Cobalt	6.8		0.96	0.14	mg/Kg	1	✱	6020B	Total/NA
Copper	30.5		1.9	0.35	mg/Kg	1	✱	6020B	Total/NA
Iron	14100		57.5	7.3	mg/Kg	1	✱	6020B	Total/NA
Lead	45.5		0.58	0.19	mg/Kg	1	✱	6020B	Total/NA
Magnesium	7120		95.9	9.8	mg/Kg	1	✱	6020B	Total/NA
Manganese	233		3.8	0.39	mg/Kg	1	✱	6020B	Total/NA
Nickel	15.3		1.9	0.17	mg/Kg	1	✱	6020B	Total/NA
Potassium	1920		95.9	15.5	mg/Kg	1	✱	6020B	Total/NA
Selenium	0.19	J	1.2	0.12	mg/Kg	1	✱	6020B	Total/NA
Sodium	178		95.9	43.8	mg/Kg	1	✱	6020B	Total/NA
Thallium	0.16	J	0.38	0.039	mg/Kg	1	✱	6020B	Total/NA
Vanadium	23.3		1.9	0.20	mg/Kg	1	✱	6020B	Total/NA
Zinc	82.0		7.7	1.0	mg/Kg	1	✱	6020B	Total/NA
Mercury	0.084		0.017	0.0082	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: SB-03_11-13_20250930

Lab Sample ID: 460-336108-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.011		0.0064	0.0061	mg/Kg	1	✱	8260D	Total/NA
Benzo[a]pyrene	0.012	J	0.034	0.0091	mg/Kg	1	✱	8270E	Total/NA
Benzo[b]fluoranthene	0.017	J	0.034	0.0088	mg/Kg	1	✱	8270E	Total/NA
Benzo[k]fluoranthene	0.0084	J	0.034	0.0067	mg/Kg	1	✱	8270E	Total/NA
Chrysene	0.015	J	0.34	0.014	mg/Kg	1	✱	8270E	Total/NA
Fluoranthene	0.026	J	0.34	0.012	mg/Kg	1	✱	8270E	Total/NA
Pyrene	0.024	J	0.34	0.0085	mg/Kg	1	✱	8270E	Total/NA
Aluminum	8320		18.9	5.2	mg/Kg	1	✱	6020B	Total/NA
Arsenic	2.1		0.95	0.098	mg/Kg	1	✱	6020B	Total/NA
Barium	87.0		1.9	0.14	mg/Kg	1	✱	6020B	Total/NA
Beryllium	0.27	J	0.38	0.021	mg/Kg	1	✱	6020B	Total/NA
Cadmium	0.15	J	0.95	0.11	mg/Kg	1	✱	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-03_11-13_20250930 (Continued)

Lab Sample ID: 460-336108-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	14900		94.7	9.2	mg/Kg	1	✱	6020B	Total/NA
Chromium	30.5		1.9	0.28	mg/Kg	1	✱	6020B	Total/NA
Cobalt	8.3		0.95	0.14	mg/Kg	1	✱	6020B	Total/NA
Copper	30.0		1.9	0.35	mg/Kg	1	✱	6020B	Total/NA
Iron	17600		56.8	7.2	mg/Kg	1	✱	6020B	Total/NA
Lead	15.8		0.57	0.19	mg/Kg	1	✱	6020B	Total/NA
Magnesium	8530		94.7	9.7	mg/Kg	1	✱	6020B	Total/NA
Manganese	312		3.8	0.38	mg/Kg	1	✱	6020B	Total/NA
Nickel	19.4		1.9	0.17	mg/Kg	1	✱	6020B	Total/NA
Potassium	2520		94.7	15.3	mg/Kg	1	✱	6020B	Total/NA
Selenium	0.14	J	1.2	0.12	mg/Kg	1	✱	6020B	Total/NA
Sodium	228		94.7	43.3	mg/Kg	1	✱	6020B	Total/NA
Thallium	0.18	J	0.38	0.039	mg/Kg	1	✱	6020B	Total/NA
Vanadium	28.3		1.9	0.20	mg/Kg	1	✱	6020B	Total/NA
Zinc	60.4		7.6	1.0	mg/Kg	1	✱	6020B	Total/NA
Mercury	0.024		0.016	0.0075	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: SB-03_13-15_20250930

Lab Sample ID: 460-336108-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0035	J	0.0048	0.00036	mg/Kg	1	✱	8260D	Total/NA
Acetone	0.028		0.0058	0.0055	mg/Kg	1	✱	8260D	Total/NA
Carbon disulfide	0.0018		0.00097	0.00026	mg/Kg	1	✱	8260D	Total/NA
Methylcyclohexane	0.12		0.00097	0.00048	mg/Kg	1	✱	8260D	Total/NA
n-Butylbenzene	0.077		0.00097	0.00028	mg/Kg	1	✱	8260D	Total/NA
sec-Butylbenzene	0.19		0.00097	0.00028	mg/Kg	1	✱	8260D	Total/NA
Toluene	0.00042	J	0.00097	0.00023	mg/Kg	1	✱	8260D	Total/NA
Trichloroethene	0.0024		0.00097	0.00031	mg/Kg	1	✱	8260D	Total/NA
Fluoranthene	0.020	J	0.36	0.012	mg/Kg	1	✱	8270E	Total/NA
Fluorene	0.18	J	0.36	0.010	mg/Kg	1	✱	8270E	Total/NA
Phenanthrene	0.65		0.36	0.015	mg/Kg	1	✱	8270E	Total/NA
Pyrene	0.082	J	0.36	0.0089	mg/Kg	1	✱	8270E	Total/NA
Aluminum	5900		19.8	5.4	mg/Kg	1	✱	6020B	Total/NA
Arsenic	0.95	J	0.99	0.10	mg/Kg	1	✱	6020B	Total/NA
Barium	56.6		2.0	0.14	mg/Kg	1	✱	6020B	Total/NA
Beryllium	0.24	J	0.40	0.022	mg/Kg	1	✱	6020B	Total/NA
Calcium	6760		99.0	9.6	mg/Kg	1	✱	6020B	Total/NA
Chromium	23.1		2.0	0.29	mg/Kg	1	✱	6020B	Total/NA
Cobalt	6.6		0.99	0.15	mg/Kg	1	✱	6020B	Total/NA
Copper	21.7		2.0	0.36	mg/Kg	1	✱	6020B	Total/NA
Iron	11600		59.4	7.6	mg/Kg	1	✱	6020B	Total/NA
Lead	3.7		0.59	0.20	mg/Kg	1	✱	6020B	Total/NA
Magnesium	7570		99.0	10.1	mg/Kg	1	✱	6020B	Total/NA
Manganese	125		4.0	0.40	mg/Kg	1	✱	6020B	Total/NA
Nickel	14.1		2.0	0.18	mg/Kg	1	✱	6020B	Total/NA
Potassium	1800		99.0	16.0	mg/Kg	1	✱	6020B	Total/NA
Selenium	0.17	J	1.2	0.13	mg/Kg	1	✱	6020B	Total/NA
Sodium	229		99.0	45.3	mg/Kg	1	✱	6020B	Total/NA
Thallium	0.16	J	0.40	0.041	mg/Kg	1	✱	6020B	Total/NA
Vanadium	24.5		2.0	0.20	mg/Kg	1	✱	6020B	Total/NA
Zinc	40.7		7.9	1.1	mg/Kg	1	✱	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-04_0-2_20250930

Lab Sample ID: 460-336108-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	9690		18.7	5.1	mg/Kg	1	✱	6020B	Total/NA
Arsenic	1.6		0.93	0.096	mg/Kg	1	✱	6020B	Total/NA
Barium	109		1.9	0.14	mg/Kg	1	✱	6020B	Total/NA
Beryllium	0.22	J	0.37	0.021	mg/Kg	1	✱	6020B	Total/NA
Calcium	16400		93.3	9.1	mg/Kg	1	✱	6020B	Total/NA
Chromium	35.0		1.9	0.28	mg/Kg	1	✱	6020B	Total/NA
Cobalt	8.3		0.93	0.14	mg/Kg	1	✱	6020B	Total/NA
Copper	27.6		1.9	0.34	mg/Kg	1	✱	6020B	Total/NA
Iron	19400		56.0	7.1	mg/Kg	1	✱	6020B	Total/NA
Lead	12.7		0.56	0.19	mg/Kg	1	✱	6020B	Total/NA
Magnesium	12000		93.3	9.5	mg/Kg	1	✱	6020B	Total/NA
Manganese	269		3.7	0.38	mg/Kg	1	✱	6020B	Total/NA
Nickel	23.0		1.9	0.17	mg/Kg	1	✱	6020B	Total/NA
Potassium	4190		93.3	15.1	mg/Kg	1	✱	6020B	Total/NA
Selenium	0.14	J	1.2	0.12	mg/Kg	1	✱	6020B	Total/NA
Sodium	360		93.3	42.6	mg/Kg	1	✱	6020B	Total/NA
Thallium	0.25	J	0.37	0.038	mg/Kg	1	✱	6020B	Total/NA
Vanadium	36.9		1.9	0.19	mg/Kg	1	✱	6020B	Total/NA
Zinc	59.1		7.5	1.0	mg/Kg	1	✱	6020B	Total/NA
Mercury	0.050		0.017	0.0081	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: SB-04_9-11_20250930

Lab Sample ID: 460-336108-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.011		0.0065	0.0062	mg/Kg	1	✱	8260D	Total/NA
Aluminum	3460		18.4	5.1	mg/Kg	1	✱	6020B	Total/NA
Arsenic	0.84	J	0.92	0.095	mg/Kg	1	✱	6020B	Total/NA
Barium	24.8		1.8	0.13	mg/Kg	1	✱	6020B	Total/NA
Beryllium	0.15	J	0.37	0.020	mg/Kg	1	✱	6020B	Total/NA
Calcium	11200		92.2	9.0	mg/Kg	1	✱	6020B	Total/NA
Chromium	7.2		1.8	0.27	mg/Kg	1	✱	6020B	Total/NA
Cobalt	5.2		0.92	0.14	mg/Kg	1	✱	6020B	Total/NA
Copper	13.0		1.8	0.34	mg/Kg	1	✱	6020B	Total/NA
Iron	8690		55.3	7.1	mg/Kg	1	✱	6020B	Total/NA
Lead	2.7		0.55	0.18	mg/Kg	1	✱	6020B	Total/NA
Magnesium	7990		92.2	9.4	mg/Kg	1	✱	6020B	Total/NA
Manganese	162		3.7	0.37	mg/Kg	1	✱	6020B	Total/NA
Nickel	8.0		1.8	0.16	mg/Kg	1	✱	6020B	Total/NA
Potassium	761		92.2	14.9	mg/Kg	1	✱	6020B	Total/NA
Sodium	175		92.2	42.1	mg/Kg	1	✱	6020B	Total/NA
Thallium	0.061	J	0.37	0.038	mg/Kg	1	✱	6020B	Total/NA
Vanadium	13.2		1.8	0.19	mg/Kg	1	✱	6020B	Total/NA
Zinc	18.7		7.4	1.0	mg/Kg	1	✱	6020B	Total/NA
Mercury	0.0084	J	0.015	0.0073	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: TB-01_20250930

Lab Sample ID: 460-336108-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.0		5.0	4.4	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-01_0-2_20250929

Lab Sample ID: 460-335984-1

Date Collected: 09/29/25 08:30

Matrix: Solid

Date Received: 09/29/25 19:45

Percent Solids: 97.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
2-Butanone (MEK)	0.00099	J	0.0053	0.00039	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0017	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Acetone	0.013		0.0064	0.0061	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Bromoform	0.0011	U *	0.0011	0.00045	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Chlorobromomethane	0.0011	U	0.0011	0.00063	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Chlorodibromomethane	0.0011	U *	0.0011	0.00057	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Methyl acetate	0.0053	U *	0.0053	0.0046	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☆	09/30/25 12:46	10/03/25 14:22	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-01_0-2_20250929

Lab Sample ID: 460-335984-1

Date Collected: 09/29/25 08:30

Matrix: Solid

Date Received: 09/29/25 19:45

Percent Solids: 97.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	✱	09/30/25 12:46	10/03/25 14:22	1
Tetrachloroethene	0.0016		0.0011	0.00032	mg/Kg	✱	09/30/25 12:46	10/03/25 14:22	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	✱	09/30/25 12:46	10/03/25 14:22	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	✱	09/30/25 12:46	10/03/25 14:22	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	✱	09/30/25 12:46	10/03/25 14:22	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	✱	09/30/25 12:46	10/03/25 14:22	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	✱	09/30/25 12:46	10/03/25 14:22	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	✱	09/30/25 12:46	10/03/25 14:22	1
Xylenes, Total	0.0021	U	0.0021	0.00019	mg/Kg	✱	09/30/25 12:46	10/03/25 14:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		65 - 138	09/30/25 12:46	10/03/25 14:22	1
4-Bromofluorobenzene	93		71 - 128	09/30/25 12:46	10/03/25 14:22	1
Dibromofluoromethane (Surr)	92		50 - 150	09/30/25 12:46	10/03/25 14:22	1
Toluene-d8 (Surr)	100		71 - 126	09/30/25 12:46	10/03/25 14:22	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
4-Nitroaniline	0.33	U	0.33	0.085	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
4-Nitrophenol	0.68	U	0.68	0.054	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Acenaphthene	0.33	U	0.33	0.0095	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Acenaphthylene	0.33	U	0.33	0.0096	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

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Lab Sample ID: 460-335984-1

Date Collected: 09/29/25 08:30

Matrix: Solid

Date Received: 09/29/25 19:45

Percent Solids: 97.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.33	U	0.33	0.010	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Atrazine	0.13	U	0.13	0.020	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Benzo[a]anthracene	0.073		0.033	0.025	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Benzo[a]pyrene	0.067		0.033	0.0089	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Benzo[b]fluoranthene	0.093		0.033	0.0086	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Benzo[g,h,i]perylene	0.046	J	0.33	0.0099	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Benzo[k]fluoranthene	0.031	J	0.033	0.0066	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.062	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.018	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Caprolactam	0.33	U	0.33	0.052	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Carbazole	0.33	U	0.33	0.013	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Chrysene	0.077	J	0.33	0.014	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Di-n-butyl phthalate	0.33	U	0.33	0.013	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Fluoranthene	0.13	J	0.33	0.012	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Fluorene	0.33	U	0.33	0.0098	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Hexachlorobutadiene	0.068	U	0.068	0.0071	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Indeno[1,2,3-cd]pyrene	0.043		0.033	0.013	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Isophorone	0.13	U	0.13	0.097	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Naphthalene	0.33	U	0.33	0.0058	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Nitrobenzene	0.033	U	0.033	0.019	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Phenanthrene	0.055	J	0.33	0.014	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Phenol	0.33	U	0.33	0.012	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1
Pyrene	0.14	J	0.33	0.0083	mg/Kg	✱	09/30/25 22:25	10/01/25 14:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	58		18 - 137	09/30/25 22:25	10/01/25 14:27	1
2-Fluorobiphenyl	59		33 - 117	09/30/25 22:25	10/01/25 14:27	1
2-Fluorophenol (Surr)	65		24 - 120	09/30/25 22:25	10/01/25 14:27	1
Nitrobenzene-d5 (Surr)	61		27 - 120	09/30/25 22:25	10/01/25 14:27	1
Phenol-d5 (Surr)	64		28 - 118	09/30/25 22:25	10/01/25 14:27	1
Terphenyl-d14 (Surr)	67		33 - 124	09/30/25 22:25	10/01/25 14:27	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 10:52	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 10:52	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-01_0-2_20250929

Lab Sample ID: 460-335984-1

Date Collected: 09/29/25 08:30

Matrix: Solid

Date Received: 09/29/25 19:45

Percent Solids: 97.8

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 10:52	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 10:52	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 10:52	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 10:52	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 10:52	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 10:52	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 10:52	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 10:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	133		10 - 150				09/30/25 16:47	10/01/25 10:52	1
DCB Decachlorobiphenyl	127		10 - 150				09/30/25 16:47	10/01/25 10:52	1
Tetrachloro-m-xylene	129		10 - 150				09/30/25 16:47	10/01/25 10:52	1
Tetrachloro-m-xylene	140		10 - 150				09/30/25 16:47	10/01/25 10:52	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7240		15.6	4.3	mg/Kg	✱	10/03/25 19:40	10/04/25 19:44	1
Antimony	4.0		0.78	0.11	mg/Kg	✱	10/03/25 19:40	10/04/25 19:44	1
Arsenic	8.9		0.78	0.080	mg/Kg	✱	10/03/25 19:40	10/04/25 19:44	1
Barium	294		1.6	0.11	mg/Kg	✱	10/03/25 19:40	10/04/25 19:44	1
Beryllium	0.39		0.31	0.017	mg/Kg	✱	10/03/25 19:40	10/04/25 19:44	1
Cadmium	0.98		0.78	0.088	mg/Kg	✱	10/03/25 19:40	10/04/25 19:44	1
Calcium	4550		78.1	7.6	mg/Kg	✱	10/03/25 19:40	10/04/25 19:44	1
Chromium	18.0		1.6	0.23	mg/Kg	✱	10/03/25 19:40	10/04/25 19:44	1
Cobalt	6.2		0.78	0.12	mg/Kg	✱	10/03/25 19:40	10/04/25 19:44	1
Copper	96.4		1.6	0.29	mg/Kg	✱	10/03/25 19:40	10/04/25 19:44	1
Iron	22500		46.8	6.0	mg/Kg	✱	10/03/25 19:40	10/04/25 19:44	1
Lead	1060		0.47	0.16	mg/Kg	✱	10/03/25 19:40	10/04/25 19:44	1
Magnesium	2430		78.1	8.0	mg/Kg	✱	10/03/25 19:40	10/04/25 19:44	1
Manganese	269		3.1	0.31	mg/Kg	✱	10/03/25 19:40	10/04/25 19:44	1
Nickel	15.8		1.6	0.14	mg/Kg	✱	10/03/25 19:40	10/04/25 19:44	1
Potassium	964		78.1	12.6	mg/Kg	✱	10/03/25 19:40	10/04/25 19:44	1
Selenium	0.81 J		0.98	0.10	mg/Kg	✱	10/03/25 19:40	10/04/25 19:44	1
Silver	0.41		0.31	0.069	mg/Kg	✱	10/03/25 19:40	10/04/25 19:44	1
Sodium	130		78.1	35.7	mg/Kg	✱	10/03/25 19:40	10/04/25 19:44	1
Thallium	0.18 J		0.31	0.032	mg/Kg	✱	10/03/25 19:40	10/04/25 19:44	1
Vanadium	21.9		1.6	0.16	mg/Kg	✱	10/03/25 19:40	10/04/25 19:44	1
Zinc	519		6.2	0.85	mg/Kg	✱	10/03/25 19:40	10/04/25 19:44	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	2.0		0.079	0.037	mg/Kg	✱	10/06/25 01:32	10/06/25 13:26	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	2.2		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	97.8		1.0	1.0	%			10/02/25 17:24	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-01_18-20_20250929

Lab Sample ID: 460-335984-2

Date Collected: 09/29/25 09:00

Matrix: Solid

Date Received: 09/29/25 19:45

Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00023	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00072	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00045	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00030	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00050	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Acetone	0.0061		0.0058	0.0056	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Bromoform	0.00097	U *	0.00097	0.00041	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Bromomethane	0.0019	U	0.0019	0.00097	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Carbon tetrachloride	0.00097	U	0.00097	0.00038	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Chlorodibromomethane	0.00097	U *	0.00097	0.00052	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Chloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Chloroform	0.00097	U	0.00097	0.00094	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00027	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Cyclohexane	0.00097	U	0.00097	0.00021	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Dichlorodifluoromethane	0.00097	U	0.00097	0.00033	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Ethylbenzene	0.00097	U	0.00097	0.00045	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Methyl acetate	0.0049	U *	0.0049	0.0042	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00050	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Methylcyclohexane	0.00097	U	0.00097	0.00048	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
n-Butylbenzene	0.00097	U	0.00097	0.00029	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
N-Propylbenzene	0.00097	U	0.00097	0.00044	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
o-Xylene	0.00097	U	0.00097	0.00045	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☆	09/30/25 12:47	10/03/25 14:46	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-01_18-20_20250929

Lab Sample ID: 460-335984-2

Date Collected: 09/29/25 09:00

Matrix: Solid

Date Received: 09/29/25 19:45

Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	✱	09/30/25 12:47	10/03/25 14:46	1
Tetrachloroethene	0.00097	U	0.00097	0.00030	mg/Kg	✱	09/30/25 12:47	10/03/25 14:46	1
Toluene	0.00097	U	0.00097	0.00023	mg/Kg	✱	09/30/25 12:47	10/03/25 14:46	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	✱	09/30/25 12:47	10/03/25 14:46	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	✱	09/30/25 12:47	10/03/25 14:46	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	✱	09/30/25 12:47	10/03/25 14:46	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00039	mg/Kg	✱	09/30/25 12:47	10/03/25 14:46	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	✱	09/30/25 12:47	10/03/25 14:46	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	✱	09/30/25 12:47	10/03/25 14:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		65 - 138	09/30/25 12:47	10/03/25 14:46	1
4-Bromofluorobenzene	93		71 - 128	09/30/25 12:47	10/03/25 14:46	1
Dibromofluoromethane (Surr)	93		50 - 150	09/30/25 12:47	10/03/25 14:46	1
Toluene-d8 (Surr)	100		71 - 126	09/30/25 12:47	10/03/25 14:46	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
Acenaphthene	0.33	U	0.33	0.0095	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	✱	09/30/25 22:25	10/01/25 14:50	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-01_18-20_20250929

Lab Sample ID: 460-335984-2

Date Collected: 09/29/25 09:00

Matrix: Solid

Date Received: 09/29/25 19:45

Percent Solids: 98.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.33	U	0.33	0.010	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Atrazine	0.13	U	0.13	0.020	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Benzo[a]pyrene	0.033	U	0.033	0.0089	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.018	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Caprolactam	0.33	U	0.33	0.052	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Carbazole	0.33	U	0.33	0.013	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Chrysene	0.33	U	0.33	0.014	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Di-n-butyl phthalate	0.33	U	0.33	0.013	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Hexachlorobutadiene	0.067	U	0.067	0.0071	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Isophorone	0.13	U	0.13	0.096	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Phenol	0.33	U	0.33	0.012	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1
Pyrene	0.33	U	0.33	0.0083	mg/Kg	☆	09/30/25 22:25	10/01/25 14:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	54		18 - 137	09/30/25 22:25	10/01/25 14:50	1
2-Fluorobiphenyl	57		33 - 117	09/30/25 22:25	10/01/25 14:50	1
2-Fluorophenol (Surr)	61		24 - 120	09/30/25 22:25	10/01/25 14:50	1
Nitrobenzene-d5 (Surr)	59		27 - 120	09/30/25 22:25	10/01/25 14:50	1
Phenol-d5 (Surr)	60		28 - 118	09/30/25 22:25	10/01/25 14:50	1
Terphenyl-d14 (Surr)	64		33 - 124	09/30/25 22:25	10/01/25 14:50	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.068	U	0.068	0.018	mg/Kg	☆	09/30/25 16:47	10/01/25 11:08	1
Aroclor 1221	0.068	U	0.068	0.018	mg/Kg	☆	09/30/25 16:47	10/01/25 11:08	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-01_18-20_20250929

Lab Sample ID: 460-335984-2

Date Collected: 09/29/25 09:00

Matrix: Solid

Date Received: 09/29/25 19:45

Percent Solids: 98.6

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1232	0.068	U	0.068	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:08	1
Aroclor 1242	0.068	U	0.068	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:08	1
Aroclor 1248	0.068	U	0.068	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:08	1
Aroclor 1254	0.068	U	0.068	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:08	1
Aroclor 1260	0.068	U	0.068	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:08	1
Aroclor-1262	0.068	U	0.068	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:08	1
Aroclor 1268	0.068	U	0.068	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:08	1
Polychlorinated biphenyls, Total	0.068	U	0.068	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	133		10 - 150				09/30/25 16:47	10/01/25 11:08	1
DCB Decachlorobiphenyl	142		10 - 150				09/30/25 16:47	10/01/25 11:08	1
Tetrachloro-m-xylene	134		10 - 150				09/30/25 16:47	10/01/25 11:08	1
Tetrachloro-m-xylene	145		10 - 150				09/30/25 16:47	10/01/25 11:08	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9670		15.4	4.2	mg/Kg	✱	10/03/25 19:40	10/04/25 19:30	1
Antimony	0.77	U	0.77	0.11	mg/Kg	✱	10/03/25 19:40	10/04/25 19:30	1
Arsenic	0.81		0.77	0.079	mg/Kg	✱	10/03/25 19:40	10/04/25 19:30	1
Barium	69.7		1.5	0.11	mg/Kg	✱	10/03/25 19:40	10/04/25 19:30	1
Beryllium	0.18	J	0.31	0.017	mg/Kg	✱	10/03/25 19:40	10/04/25 19:30	1
Cadmium	0.77	U	0.77	0.087	mg/Kg	✱	10/03/25 19:40	10/04/25 19:30	1
Calcium	36600		76.8	7.5	mg/Kg	✱	10/03/25 19:40	10/04/25 19:30	1
Chromium	33.8		1.5	0.23	mg/Kg	✱	10/03/25 19:40	10/04/25 19:30	1
Cobalt	7.7		0.77	0.11	mg/Kg	✱	10/03/25 19:40	10/04/25 19:30	1
Copper	14.3		1.5	0.28	mg/Kg	✱	10/03/25 19:40	10/04/25 19:30	1
Iron	17600		46.1	5.9	mg/Kg	✱	10/03/25 19:40	10/04/25 19:30	1
Lead	2.6		0.46	0.15	mg/Kg	✱	10/03/25 19:40	10/04/25 19:30	1
Magnesium	26600		76.8	7.8	mg/Kg	✱	10/03/25 19:40	10/04/25 19:30	1
Manganese	252		3.1	0.31	mg/Kg	✱	10/03/25 19:40	10/04/25 19:30	1
Nickel	23.9		1.5	0.14	mg/Kg	✱	10/03/25 19:40	10/04/25 19:30	1
Potassium	2390		76.8	12.4	mg/Kg	✱	10/03/25 19:40	10/04/25 19:30	1
Selenium	0.96	U	0.96	0.098	mg/Kg	✱	10/03/25 19:40	10/04/25 19:30	1
Silver	0.31	U	0.31	0.068	mg/Kg	✱	10/03/25 19:40	10/04/25 19:30	1
Sodium	178		76.8	35.1	mg/Kg	✱	10/03/25 19:40	10/04/25 19:30	1
Thallium	0.19	J	0.31	0.031	mg/Kg	✱	10/03/25 19:40	10/04/25 19:30	1
Vanadium	33.0		1.5	0.16	mg/Kg	✱	10/03/25 19:40	10/04/25 19:30	1
Zinc	58.8		6.1	0.84	mg/Kg	✱	10/03/25 19:40	10/04/25 19:30	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0081	mg/Kg	✱	10/06/25 01:32	10/06/25 12:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.4		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	98.6		1.0	1.0	%			10/02/25 17:24	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-02_0-2_20250929

Lab Sample ID: 460-335984-3

Date Collected: 09/29/25 12:10

Matrix: Solid

Date Received: 09/29/25 19:45

Percent Solids: 99.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00037	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Acetone	0.0096		0.0061	0.0058	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Bromoform	0.0010	U *	0.0010	0.00043	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Chlorodibromomethane	0.0010	U *	0.0010	0.00054	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Methyl acetate	0.0051	U *	0.0051	0.0043	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-02_0-2_20250929

Lab Sample ID: 460-335984-3

Date Collected: 09/29/25 12:10

Matrix: Solid

Date Received: 09/29/25 19:45

Percent Solids: 99.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Tetrachloroethene	0.00034	J	0.0010	0.00031	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☆	09/30/25 12:48	10/03/25 15:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		65 - 138	09/30/25 12:48	10/03/25 15:11	1
4-Bromofluorobenzene	94		71 - 128	09/30/25 12:48	10/03/25 15:11	1
Dibromofluoromethane (Surr)	95		50 - 150	09/30/25 12:48	10/03/25 15:11	1
Toluene-d8 (Surr)	102		71 - 126	09/30/25 12:48	10/03/25 15:11	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Acenaphthene	0.33	U	0.33	0.0095	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-02_0-2_20250929

Lab Sample ID: 460-335984-3

Date Collected: 09/29/25 12:10

Matrix: Solid

Date Received: 09/29/25 19:45

Percent Solids: 99.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.33	U	0.33	0.010	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Atrazine	0.13	U	0.13	0.020	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Benzo[a]pyrene	0.033	U	0.033	0.0089	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Benzo[b]fluoranthene	0.012	J	0.033	0.0086	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.018	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Caprolactam	0.33	U	0.33	0.052	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Carbazole	0.33	U	0.33	0.013	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Chrysene	0.33	U	0.33	0.014	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Di-n-butyl phthalate	0.33	U	0.33	0.013	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Fluoranthene	0.018	J	0.33	0.012	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Hexachlorobutadiene	0.067	U	0.067	0.0071	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Isophorone	0.13	U	0.13	0.096	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Naphthalene	0.33	U	0.33	0.0058	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Phenol	0.33	U	0.33	0.012	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1
Pyrene	0.019	J	0.33	0.0083	mg/Kg	☆	09/30/25 22:25	10/01/25 15:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	53		18 - 137	09/30/25 22:25	10/01/25 15:13	1
2-Fluorobiphenyl	55		33 - 117	09/30/25 22:25	10/01/25 15:13	1
2-Fluorophenol (Surr)	59		24 - 120	09/30/25 22:25	10/01/25 15:13	1
Nitrobenzene-d5 (Surr)	58		27 - 120	09/30/25 22:25	10/01/25 15:13	1
Phenol-d5 (Surr)	58		28 - 118	09/30/25 22:25	10/01/25 15:13	1
Terphenyl-d14 (Surr)	62		33 - 124	09/30/25 22:25	10/01/25 15:13	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.068	U	0.068	0.018	mg/Kg	☆	09/30/25 16:47	10/01/25 11:25	1
Aroclor 1221	0.068	U	0.068	0.018	mg/Kg	☆	09/30/25 16:47	10/01/25 11:25	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-02_0-2_20250929

Lab Sample ID: 460-335984-3

Date Collected: 09/29/25 12:10

Matrix: Solid

Date Received: 09/29/25 19:45

Percent Solids: 99.2

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1232	0.068	U	0.068	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:25	1
Aroclor 1242	0.068	U	0.068	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:25	1
Aroclor 1248	0.068	U	0.068	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:25	1
Aroclor 1254	0.068	U	0.068	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:25	1
Aroclor 1260	0.068	U	0.068	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:25	1
Aroclor-1262	0.068	U	0.068	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:25	1
Aroclor 1268	0.068	U	0.068	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:25	1
Polychlorinated biphenyls, Total	0.068	U	0.068	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	142		10 - 150				09/30/25 16:47	10/01/25 11:25	1
DCB Decachlorobiphenyl	146		10 - 150				09/30/25 16:47	10/01/25 11:25	1
Tetrachloro-m-xylene	144		10 - 150				09/30/25 16:47	10/01/25 11:25	1
Tetrachloro-m-xylene	154 *		10 - 150				09/30/25 16:47	10/01/25 11:25	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8260		15.8	4.3	mg/Kg	✱	10/03/25 19:40	10/04/25 19:38	1
Antimony	0.47	J	0.79	0.12	mg/Kg	✱	10/03/25 19:40	10/04/25 19:38	1
Arsenic	3.0		0.79	0.081	mg/Kg	✱	10/03/25 19:40	10/04/25 19:38	1
Barium	97.9		1.6	0.11	mg/Kg	✱	10/03/25 19:40	10/04/25 19:38	1
Beryllium	0.36		0.32	0.017	mg/Kg	✱	10/03/25 19:40	10/04/25 19:38	1
Cadmium	0.36	J	0.79	0.089	mg/Kg	✱	10/03/25 19:40	10/04/25 19:38	1
Calcium	7030		78.8	7.7	mg/Kg	✱	10/03/25 19:40	10/04/25 19:38	1
Chromium	21.4		1.6	0.23	mg/Kg	✱	10/03/25 19:40	10/04/25 19:38	1
Cobalt	7.3		0.79	0.12	mg/Kg	✱	10/03/25 19:40	10/04/25 19:38	1
Copper	38.6		1.6	0.29	mg/Kg	✱	10/03/25 19:40	10/04/25 19:38	1
Iron	15700		47.3	6.0	mg/Kg	✱	10/03/25 19:40	10/04/25 19:38	1
Lead	137		0.47	0.16	mg/Kg	✱	10/03/25 19:40	10/04/25 19:38	1
Magnesium	5500		78.8	8.0	mg/Kg	✱	10/03/25 19:40	10/04/25 19:38	1
Manganese	321		3.2	0.32	mg/Kg	✱	10/03/25 19:40	10/04/25 19:38	1
Nickel	15.3		1.6	0.14	mg/Kg	✱	10/03/25 19:40	10/04/25 19:38	1
Potassium	1360		78.8	12.8	mg/Kg	✱	10/03/25 19:40	10/04/25 19:38	1
Selenium	0.31	J	0.98	0.10	mg/Kg	✱	10/03/25 19:40	10/04/25 19:38	1
Silver	0.076	J	0.32	0.070	mg/Kg	✱	10/03/25 19:40	10/04/25 19:38	1
Sodium	216		78.8	36.0	mg/Kg	✱	10/03/25 19:40	10/04/25 19:38	1
Thallium	0.14	J	0.32	0.032	mg/Kg	✱	10/03/25 19:40	10/04/25 19:38	1
Vanadium	32.3		1.6	0.16	mg/Kg	✱	10/03/25 19:40	10/04/25 19:38	1
Zinc	119		6.3	0.86	mg/Kg	✱	10/03/25 19:40	10/04/25 19:38	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11		0.016	0.0073	mg/Kg	✱	10/06/25 01:32	10/06/25 12:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	99.2		1.0	1.0	%			10/02/25 17:24	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-02_18-20_20250929

Lab Sample ID: 460-335984-4

Date Collected: 09/29/25 12:20

Matrix: Solid

Date Received: 09/29/25 19:45

Percent Solids: 96.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Acetone	0.010		0.0063	0.0060	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Bromoform	0.0010	U *	0.0010	0.00044	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Chlorodibromomethane	0.0010	U *	0.0010	0.00056	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Ethylene Dibromide	0.0010	U	0.0010	0.00053	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Methyl acetate	0.0052	U *	0.0052	0.0045	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-02_18-20_20250929

Lab Sample ID: 460-335984-4

Date Collected: 09/29/25 12:20

Matrix: Solid

Date Received: 09/29/25 19:45

Percent Solids: 96.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☆	09/30/25 12:49	10/03/25 19:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		65 - 138	09/30/25 12:49	10/03/25 19:45	1
4-Bromofluorobenzene	92		71 - 128	09/30/25 12:49	10/03/25 19:45	1
Dibromofluoromethane (Surr)	91		50 - 150	09/30/25 12:49	10/03/25 19:45	1
Toluene-d8 (Surr)	101		71 - 126	09/30/25 12:49	10/03/25 19:45	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
2-Methylnaphthalene	0.34	U	0.34	0.0096	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
3-Nitroaniline	0.34	U	0.34	0.081	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
4-Nitrophenol	0.69	U	0.69	0.056	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Acenaphthene	0.34	U	0.34	0.0097	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Acenaphthylene	0.34	U	0.34	0.0098	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-02_18-20_20250929

Lab Sample ID: 460-335984-4

Date Collected: 09/29/25 12:20

Matrix: Solid

Date Received: 09/29/25 19:45

Percent Solids: 96.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.34	U	0.34	0.010	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Benzo[a]pyrene	0.034	U	0.034	0.0091	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0088	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0067	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Hexachlorobutadiene	0.069	U	0.069	0.0073	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Isophorone	0.14	U	0.14	0.099	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Pentachlorophenol	0.27	U	0.27	0.070	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1
Pyrene	0.34	U	0.34	0.0085	mg/Kg	☆	09/30/25 22:25	10/01/25 15:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	60		18 - 137	09/30/25 22:25	10/01/25 15:35	1
2-Fluorobiphenyl	61		33 - 117	09/30/25 22:25	10/01/25 15:35	1
2-Fluorophenol (Surr)	65		24 - 120	09/30/25 22:25	10/01/25 15:35	1
Nitrobenzene-d5 (Surr)	64		27 - 120	09/30/25 22:25	10/01/25 15:35	1
Phenol-d5 (Surr)	65		28 - 118	09/30/25 22:25	10/01/25 15:35	1
Terphenyl-d14 (Surr)	70		33 - 124	09/30/25 22:25	10/01/25 15:35	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☆	09/30/25 16:47	10/01/25 11:42	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☆	09/30/25 16:47	10/01/25 11:42	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-02_18-20_20250929

Lab Sample ID: 460-335984-4

Date Collected: 09/29/25 12:20

Matrix: Solid

Date Received: 09/29/25 19:45

Percent Solids: 96.7

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:42	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:42	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:42	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:42	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:42	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:42	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:42	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	✱	09/30/25 16:47	10/01/25 11:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	133		10 - 150	09/30/25 16:47	10/01/25 11:42	1
DCB Decachlorobiphenyl	143		10 - 150	09/30/25 16:47	10/01/25 11:42	1
Tetrachloro-m-xylene	133		10 - 150	09/30/25 16:47	10/01/25 11:42	1
Tetrachloro-m-xylene	143		10 - 150	09/30/25 16:47	10/01/25 11:42	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2000		15.7	4.3	mg/Kg	✱	10/03/25 19:40	10/04/25 19:41	1
Antimony	0.78	U	0.78	0.11	mg/Kg	✱	10/03/25 19:40	10/04/25 19:41	1
Arsenic	0.60	J	0.78	0.081	mg/Kg	✱	10/03/25 19:40	10/04/25 19:41	1
Barium	13.9		1.6	0.11	mg/Kg	✱	10/03/25 19:40	10/04/25 19:41	1
Beryllium	0.097	J	0.31	0.017	mg/Kg	✱	10/03/25 19:40	10/04/25 19:41	1
Cadmium	0.78	U	0.78	0.089	mg/Kg	✱	10/03/25 19:40	10/04/25 19:41	1
Calcium	9090		78.4	7.6	mg/Kg	✱	10/03/25 19:40	10/04/25 19:41	1
Chromium	5.7		1.6	0.23	mg/Kg	✱	10/03/25 19:40	10/04/25 19:41	1
Cobalt	3.6		0.78	0.12	mg/Kg	✱	10/03/25 19:40	10/04/25 19:41	1
Copper	7.1		1.6	0.29	mg/Kg	✱	10/03/25 19:40	10/04/25 19:41	1
Iron	6350		47.0	6.0	mg/Kg	✱	10/03/25 19:40	10/04/25 19:41	1
Lead	2.5		0.47	0.16	mg/Kg	✱	10/03/25 19:40	10/04/25 19:41	1
Magnesium	5890		78.4	8.0	mg/Kg	✱	10/03/25 19:40	10/04/25 19:41	1
Manganese	148		3.1	0.32	mg/Kg	✱	10/03/25 19:40	10/04/25 19:41	1
Nickel	5.5		1.6	0.14	mg/Kg	✱	10/03/25 19:40	10/04/25 19:41	1
Potassium	324		78.4	12.7	mg/Kg	✱	10/03/25 19:40	10/04/25 19:41	1
Selenium	0.98	U	0.98	0.10	mg/Kg	✱	10/03/25 19:40	10/04/25 19:41	1
Silver	0.31	U	0.31	0.070	mg/Kg	✱	10/03/25 19:40	10/04/25 19:41	1
Sodium	113		78.4	35.8	mg/Kg	✱	10/03/25 19:40	10/04/25 19:41	1
Thallium	0.31	U	0.31	0.032	mg/Kg	✱	10/03/25 19:40	10/04/25 19:41	1
Vanadium	10.9		1.6	0.16	mg/Kg	✱	10/03/25 19:40	10/04/25 19:41	1
Zinc	10.9		6.3	0.85	mg/Kg	✱	10/03/25 19:40	10/04/25 19:41	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	U	0.016	0.0078	mg/Kg	✱	10/06/25 01:32	10/06/25 12:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.3		1.0	1.0	%			10/02/25 17:24	1
Percent Solids (EPA Moisture)	96.7		1.0	1.0	%			10/02/25 17:24	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-03_0-2_20250930

Lab Sample ID: 460-336108-1

Date Collected: 09/30/25 08:40

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 93.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0017	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Acetone	0.0082		0.0064	0.0061	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Bromoform	0.0011	U *	0.0011	0.00045	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Chlorodibromomethane	0.0011	U *	0.0011	0.00057	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Methyl acetate	0.0053	U *	0.0053	0.0046	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☆	10/02/25 07:29	10/04/25 07:37	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-03_0-2_20250930

Lab Sample ID: 460-336108-1

Date Collected: 09/30/25 08:40

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 93.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	✱	10/02/25 07:29	10/04/25 07:37	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	✱	10/02/25 07:29	10/04/25 07:37	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	✱	10/02/25 07:29	10/04/25 07:37	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	✱	10/02/25 07:29	10/04/25 07:37	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	✱	10/02/25 07:29	10/04/25 07:37	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	✱	10/02/25 07:29	10/04/25 07:37	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	✱	10/02/25 07:29	10/04/25 07:37	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	✱	10/02/25 07:29	10/04/25 07:37	1
Xylenes, Total	0.0021	U	0.0021	0.00019	mg/Kg	✱	10/02/25 07:29	10/04/25 07:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		65 - 138	10/02/25 07:29	10/04/25 07:37	1
4-Bromofluorobenzene	79		71 - 128	10/02/25 07:29	10/04/25 07:37	1
Dibromofluoromethane (Surr)	82		50 - 150	10/02/25 07:29	10/04/25 07:37	1
Toluene-d8 (Surr)	84		71 - 126	10/02/25 07:29	10/04/25 07:37	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
2,4-Dinitrophenol	0.29	U	0.29	0.17	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
2-Nitrophenol	0.35	U	0.35	0.036	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.14	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-03_0-2_20250930

Lab Sample ID: 460-336108-1

Date Collected: 09/30/25 08:40

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 93.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.35	U	0.35	0.011	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Benzo[a]pyrene	0.035	U	0.035	0.0095	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0092	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0070	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.066	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Carbazole	0.35	U	0.35	0.014	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Dimethyl phthalate	0.35	U	0.35	0.081	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Hexachlorobutadiene	0.072	U	0.072	0.0075	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Phenol	0.35	U	0.35	0.013	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	✱	10/01/25 20:32	10/02/25 09:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	64		18 - 137	10/01/25 20:32	10/02/25 09:30	1
2-Fluorobiphenyl	66		33 - 117	10/01/25 20:32	10/02/25 09:30	1
2-Fluorophenol (Surr)	61		24 - 120	10/01/25 20:32	10/02/25 09:30	1
Nitrobenzene-d5 (Surr)	71		27 - 120	10/01/25 20:32	10/02/25 09:30	1
Phenol-d5 (Surr)	70		28 - 118	10/01/25 20:32	10/02/25 09:30	1
Terphenyl-d14 (Surr)	77		33 - 124	10/01/25 20:32	10/02/25 09:30	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	✱	10/01/25 16:44	10/02/25 23:09	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	✱	10/01/25 16:44	10/02/25 23:09	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-03_0-2_20250930

Lab Sample ID: 460-336108-1

Date Collected: 09/30/25 08:40

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 93.1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	✱	10/01/25 16:44	10/02/25 23:09	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	✱	10/01/25 16:44	10/02/25 23:09	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	✱	10/01/25 16:44	10/02/25 23:09	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	✱	10/01/25 16:44	10/02/25 23:09	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	✱	10/01/25 16:44	10/02/25 23:09	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	✱	10/01/25 16:44	10/02/25 23:09	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	✱	10/01/25 16:44	10/02/25 23:09	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	✱	10/01/25 16:44	10/02/25 23:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	151	*	10 - 150	10/01/25 16:44	10/02/25 23:09	1
DCB Decachlorobiphenyl	153	*	10 - 150	10/01/25 16:44	10/02/25 23:09	1
Tetrachloro-m-xylene	145		10 - 150	10/01/25 16:44	10/02/25 23:09	1
Tetrachloro-m-xylene	152	*	10 - 150	10/01/25 16:44	10/02/25 23:09	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7910		19.2	5.3	mg/Kg	✱	10/06/25 06:43	10/06/25 17:58	1
Antimony	0.96	U	0.96	0.14	mg/Kg	✱	10/06/25 06:43	10/06/25 17:58	1
Arsenic	3.2		0.96	0.099	mg/Kg	✱	10/06/25 06:43	10/06/25 17:58	1
Barium	71.2		1.9	0.14	mg/Kg	✱	10/06/25 06:43	10/06/25 17:58	1
Beryllium	0.31	J	0.38	0.021	mg/Kg	✱	10/06/25 06:43	10/06/25 17:58	1
Cadmium	0.31	J	0.96	0.11	mg/Kg	✱	10/06/25 06:43	10/06/25 17:58	1
Calcium	11800		95.9	9.3	mg/Kg	✱	10/06/25 06:43	10/06/25 17:58	1
Chromium	17.0		1.9	0.28	mg/Kg	✱	10/06/25 06:43	10/06/25 17:58	1
Cobalt	6.8		0.96	0.14	mg/Kg	✱	10/06/25 06:43	10/06/25 17:58	1
Copper	30.5		1.9	0.35	mg/Kg	✱	10/06/25 06:43	10/06/25 17:58	1
Iron	14100		57.5	7.3	mg/Kg	✱	10/06/25 06:43	10/06/25 17:58	1
Lead	45.5		0.58	0.19	mg/Kg	✱	10/06/25 06:43	10/06/25 17:58	1
Magnesium	7120		95.9	9.8	mg/Kg	✱	10/06/25 06:43	10/06/25 17:58	1
Manganese	233		3.8	0.39	mg/Kg	✱	10/06/25 06:43	10/06/25 17:58	1
Nickel	15.3		1.9	0.17	mg/Kg	✱	10/06/25 06:43	10/06/25 17:58	1
Potassium	1920		95.9	15.5	mg/Kg	✱	10/06/25 06:43	10/06/25 17:58	1
Selenium	0.19	J	1.2	0.12	mg/Kg	✱	10/06/25 06:43	10/06/25 17:58	1
Silver	0.38	U	0.38	0.085	mg/Kg	✱	10/06/25 06:43	10/06/25 17:58	1
Sodium	178		95.9	43.8	mg/Kg	✱	10/06/25 06:43	10/06/25 17:58	1
Thallium	0.16	J	0.38	0.039	mg/Kg	✱	10/06/25 06:43	10/06/25 17:58	1
Vanadium	23.3		1.9	0.20	mg/Kg	✱	10/06/25 06:43	10/06/25 17:58	1
Zinc	82.0		7.7	1.0	mg/Kg	✱	10/06/25 06:43	10/06/25 17:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.084		0.017	0.0082	mg/Kg	✱	10/08/25 02:16	10/08/25 09:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.9		1.0	1.0	%			10/05/25 14:32	1
Percent Solids (EPA Moisture)	93.1		1.0	1.0	%			10/05/25 14:32	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-03_11-13_20250930

Lab Sample ID: 460-336108-2

Date Collected: 09/30/25 10:40

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 96.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00063	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00078	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00026	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00031	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0016	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Acetone	0.011		0.0064	0.0061	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Bromoform	0.0011	U *	0.0011	0.00045	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Chlorobromomethane	0.0011	U	0.0011	0.00063	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Chlorodibromomethane	0.0011	U *	0.0011	0.00057	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Chloroethane	0.0011	U	0.0011	0.00055	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Cyclohexane	0.0011	U	0.0011	0.00023	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Ethylene Dibromide	0.0011	U	0.0011	0.00053	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Methyl acetate	0.0053	U *	0.0053	0.0046	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00054	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
n-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
N-Propylbenzene	0.0011	U	0.0011	0.00048	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Styrene	0.0011	U	0.0011	0.00029	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-03_11-13_20250930

Lab Sample ID: 460-336108-2

Date Collected: 09/30/25 10:40

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 96.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00029	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Tetrachloroethene	0.0011	U	0.0011	0.00032	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☆	10/02/25 07:30	10/04/25 08:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		65 - 138	10/02/25 07:30	10/04/25 08:02	1
4-Bromofluorobenzene	94		71 - 128	10/02/25 07:30	10/04/25 08:02	1
Dibromofluoromethane (Surr)	95		50 - 150	10/02/25 07:30	10/04/25 08:02	1
Toluene-d8 (Surr)	100		71 - 126	10/02/25 07:30	10/04/25 08:02	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
2-Methylnaphthalene	0.34	U	0.34	0.0095	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
3-Nitroaniline	0.34	U	0.34	0.081	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
4-Nitroaniline	0.34	U	0.34	0.086	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
4-Nitrophenol	0.69	U	0.69	0.055	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Acenaphthene	0.34	U	0.34	0.0097	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Acenaphthylene	0.34	U	0.34	0.0097	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-03_11-13_20250930

Lab Sample ID: 460-336108-2

Date Collected: 09/30/25 10:40

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 96.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.34	U	0.34	0.010	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Benzo[a]pyrene	0.012	J	0.034	0.0091	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Benzo[b]fluoranthene	0.017	J	0.034	0.0088	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Benzo[k]fluoranthene	0.0084	J	0.034	0.0067	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Chrysene	0.015	J	0.34	0.014	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Dimethyl phthalate	0.34	U	0.34	0.077	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Fluoranthene	0.026	J	0.34	0.012	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Fluorene	0.34	U	0.34	0.0099	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Hexachlorobutadiene	0.069	U	0.069	0.0072	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Isophorone	0.14	U	0.14	0.098	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Pentachlorophenol	0.27	U	0.27	0.070	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1
Pyrene	0.024	J	0.34	0.0085	mg/Kg	☆	10/01/25 20:32	10/02/25 09:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	67		18 - 137	10/01/25 20:32	10/02/25 09:51	1
2-Fluorobiphenyl	71		33 - 117	10/01/25 20:32	10/02/25 09:51	1
2-Fluorophenol (Surr)	69		24 - 120	10/01/25 20:32	10/02/25 09:51	1
Nitrobenzene-d5 (Surr)	77		27 - 120	10/01/25 20:32	10/02/25 09:51	1
Phenol-d5 (Surr)	77		28 - 118	10/01/25 20:32	10/02/25 09:51	1
Terphenyl-d14 (Surr)	78		33 - 124	10/01/25 20:32	10/02/25 09:51	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☆	10/03/25 18:57	10/04/25 12:52	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☆	10/03/25 18:57	10/04/25 12:52	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-03_11-13_20250930

Lab Sample ID: 460-336108-2

Date Collected: 09/30/25 10:40

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 96.9

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	✱	10/03/25 18:57	10/04/25 12:52	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	✱	10/03/25 18:57	10/04/25 12:52	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	✱	10/03/25 18:57	10/04/25 12:52	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	✱	10/03/25 18:57	10/04/25 12:52	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	✱	10/03/25 18:57	10/04/25 12:52	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	✱	10/03/25 18:57	10/04/25 12:52	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	✱	10/03/25 18:57	10/04/25 12:52	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	✱	10/03/25 18:57	10/04/25 12:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	168	*	10 - 150				10/03/25 18:57	10/04/25 12:52	1
DCB Decachlorobiphenyl	181	*	10 - 150				10/03/25 18:57	10/04/25 12:52	1
Tetrachloro-m-xylene	169	*	10 - 150				10/03/25 18:57	10/04/25 12:52	1
Tetrachloro-m-xylene	180	*	10 - 150				10/03/25 18:57	10/04/25 12:52	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8320		18.9	5.2	mg/Kg	✱	10/06/25 06:43	10/06/25 18:01	1
Antimony	0.95	U	0.95	0.14	mg/Kg	✱	10/06/25 06:43	10/06/25 18:01	1
Arsenic	2.1		0.95	0.098	mg/Kg	✱	10/06/25 06:43	10/06/25 18:01	1
Barium	87.0		1.9	0.14	mg/Kg	✱	10/06/25 06:43	10/06/25 18:01	1
Beryllium	0.27	J	0.38	0.021	mg/Kg	✱	10/06/25 06:43	10/06/25 18:01	1
Cadmium	0.15	J	0.95	0.11	mg/Kg	✱	10/06/25 06:43	10/06/25 18:01	1
Calcium	14900		94.7	9.2	mg/Kg	✱	10/06/25 06:43	10/06/25 18:01	1
Chromium	30.5		1.9	0.28	mg/Kg	✱	10/06/25 06:43	10/06/25 18:01	1
Cobalt	8.3		0.95	0.14	mg/Kg	✱	10/06/25 06:43	10/06/25 18:01	1
Copper	30.0		1.9	0.35	mg/Kg	✱	10/06/25 06:43	10/06/25 18:01	1
Iron	17600		56.8	7.2	mg/Kg	✱	10/06/25 06:43	10/06/25 18:01	1
Lead	15.8		0.57	0.19	mg/Kg	✱	10/06/25 06:43	10/06/25 18:01	1
Magnesium	8530		94.7	9.7	mg/Kg	✱	10/06/25 06:43	10/06/25 18:01	1
Manganese	312		3.8	0.38	mg/Kg	✱	10/06/25 06:43	10/06/25 18:01	1
Nickel	19.4		1.9	0.17	mg/Kg	✱	10/06/25 06:43	10/06/25 18:01	1
Potassium	2520		94.7	15.3	mg/Kg	✱	10/06/25 06:43	10/06/25 18:01	1
Selenium	0.14	J	1.2	0.12	mg/Kg	✱	10/06/25 06:43	10/06/25 18:01	1
Silver	0.38	U	0.38	0.084	mg/Kg	✱	10/06/25 06:43	10/06/25 18:01	1
Sodium	228		94.7	43.3	mg/Kg	✱	10/06/25 06:43	10/06/25 18:01	1
Thallium	0.18	J	0.38	0.039	mg/Kg	✱	10/06/25 06:43	10/06/25 18:01	1
Vanadium	28.3		1.9	0.20	mg/Kg	✱	10/06/25 06:43	10/06/25 18:01	1
Zinc	60.4		7.6	1.0	mg/Kg	✱	10/06/25 06:43	10/06/25 18:01	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.016	0.0075	mg/Kg	✱	10/08/25 02:16	10/08/25 09:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.1		1.0	1.0	%			10/05/25 14:32	1
Percent Solids (EPA Moisture)	96.9		1.0	1.0	%			10/05/25 14:32	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-03_13-15_20250930

Lab Sample ID: 460-336108-3

Date Collected: 09/30/25 10:45

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 92.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00023	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00072	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00045	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00030	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00050	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
2-Butanone (MEK)	0.0035	J	0.0048	0.00036	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
2-Hexanone	0.0048	U	0.0048	0.0017	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Acetone	0.028		0.0058	0.0055	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Bromoform	0.00097	U *	0.00097	0.00041	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Bromomethane	0.0019	U	0.0019	0.00097	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Carbon disulfide	0.0018		0.00097	0.00026	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Carbon tetrachloride	0.00097	U	0.00097	0.00038	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Chlorodibromomethane	0.00097	U *	0.00097	0.00052	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Chloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Chloroform	0.00097	U	0.00097	0.00094	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Cyclohexane	0.00097	U	0.00097	0.00021	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Dichlorodifluoromethane	0.00097	U	0.00097	0.00033	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Ethylbenzene	0.00097	U	0.00097	0.00045	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Methyl acetate	0.0048	U *	0.0048	0.0042	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00050	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Methylcyclohexane	0.12		0.00097	0.00048	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
n-Butylbenzene	0.077		0.00097	0.00028	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
N-Propylbenzene	0.00097	U	0.00097	0.00044	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
o-Xylene	0.00097	U	0.00097	0.00045	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
sec-Butylbenzene	0.19		0.00097	0.00028	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☆	10/02/25 07:30	10/04/25 08:28	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-03_13-15_20250930

Lab Sample ID: 460-336108-3

Date Collected: 09/30/25 10:45

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 92.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	✱	10/02/25 07:30	10/04/25 08:28	1
Tetrachloroethene	0.00097	U	0.00097	0.00030	mg/Kg	✱	10/02/25 07:30	10/04/25 08:28	1
Toluene	0.00042	J	0.00097	0.00023	mg/Kg	✱	10/02/25 07:30	10/04/25 08:28	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	✱	10/02/25 07:30	10/04/25 08:28	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	✱	10/02/25 07:30	10/04/25 08:28	1
Trichloroethene	0.0024		0.00097	0.00031	mg/Kg	✱	10/02/25 07:30	10/04/25 08:28	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00039	mg/Kg	✱	10/02/25 07:30	10/04/25 08:28	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	✱	10/02/25 07:30	10/04/25 08:28	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	✱	10/02/25 07:30	10/04/25 08:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		65 - 138				10/02/25 07:30	10/04/25 08:28	1
4-Bromofluorobenzene	80		71 - 128				10/02/25 07:30	10/04/25 08:28	1
Dibromofluoromethane (Surr)	94		50 - 150				10/02/25 07:30	10/04/25 08:28	1
Toluene-d8 (Surr)	150	*	71 - 126				10/02/25 07:30	10/04/25 08:28	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
2,4-Dimethylphenol	0.36	U	0.36	0.042	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
2,4-Dinitrophenol	0.29	U	0.29	0.17	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
4-Nitroaniline	0.36	U	0.36	0.090	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1
Acetophenone	0.36	U	0.36	0.017	mg/Kg	✱	10/01/25 20:32	10/02/25 10:13	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-03_13-15_20250930

Lab Sample ID: 460-336108-3

Date Collected: 09/30/25 10:45

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 92.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.36	U	0.36	0.011	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0092	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Caprolactam	0.36	U	0.36	0.055	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Diethyl phthalate	0.36	U	0.36	0.011	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Fluoranthene	0.020	J	0.36	0.012	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Fluorene	0.18	J	0.36	0.010	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Phenanthrene	0.65		0.36	0.015	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1
Pyrene	0.082	J	0.36	0.0089	mg/Kg	☆	10/01/25 20:32	10/02/25 10:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	63		18 - 137	10/01/25 20:32	10/02/25 10:13	1
2-Fluorobiphenyl	68		33 - 117	10/01/25 20:32	10/02/25 10:13	1
2-Fluorophenol (Surr)	68		24 - 120	10/01/25 20:32	10/02/25 10:13	1
Nitrobenzene-d5 (Surr)	75		27 - 120	10/01/25 20:32	10/02/25 10:13	1
Phenol-d5 (Surr)	75		28 - 118	10/01/25 20:32	10/02/25 10:13	1
Terphenyl-d14 (Surr)	72		33 - 124	10/01/25 20:32	10/02/25 10:13	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☆	10/01/25 16:44	10/02/25 23:42	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☆	10/01/25 16:44	10/02/25 23:42	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-03_13-15_20250930

Lab Sample ID: 460-336108-3

Date Collected: 09/30/25 10:45

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 92.6

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	✱	10/01/25 16:44	10/02/25 23:42	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	✱	10/01/25 16:44	10/02/25 23:42	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	✱	10/01/25 16:44	10/02/25 23:42	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	✱	10/01/25 16:44	10/02/25 23:42	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	✱	10/01/25 16:44	10/02/25 23:42	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	✱	10/01/25 16:44	10/02/25 23:42	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	✱	10/01/25 16:44	10/02/25 23:42	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	✱	10/01/25 16:44	10/02/25 23:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	159	*	10 - 150				10/01/25 16:44	10/02/25 23:42	1
DCB Decachlorobiphenyl	188	*	10 - 150				10/01/25 16:44	10/02/25 23:42	1
Tetrachloro-m-xylene	143		10 - 150				10/01/25 16:44	10/02/25 23:42	1
Tetrachloro-m-xylene	143		10 - 150				10/01/25 16:44	10/02/25 23:42	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5900		19.8	5.4	mg/Kg	✱	10/06/25 06:43	10/06/25 18:04	1
Antimony	0.99	U	0.99	0.14	mg/Kg	✱	10/06/25 06:43	10/06/25 18:04	1
Arsenic	0.95	J	0.99	0.10	mg/Kg	✱	10/06/25 06:43	10/06/25 18:04	1
Barium	56.6		2.0	0.14	mg/Kg	✱	10/06/25 06:43	10/06/25 18:04	1
Beryllium	0.24	J	0.40	0.022	mg/Kg	✱	10/06/25 06:43	10/06/25 18:04	1
Cadmium	0.99	U	0.99	0.11	mg/Kg	✱	10/06/25 06:43	10/06/25 18:04	1
Calcium	6760		99.0	9.6	mg/Kg	✱	10/06/25 06:43	10/06/25 18:04	1
Chromium	23.1		2.0	0.29	mg/Kg	✱	10/06/25 06:43	10/06/25 18:04	1
Cobalt	6.6		0.99	0.15	mg/Kg	✱	10/06/25 06:43	10/06/25 18:04	1
Copper	21.7		2.0	0.36	mg/Kg	✱	10/06/25 06:43	10/06/25 18:04	1
Iron	11600		59.4	7.6	mg/Kg	✱	10/06/25 06:43	10/06/25 18:04	1
Lead	3.7		0.59	0.20	mg/Kg	✱	10/06/25 06:43	10/06/25 18:04	1
Magnesium	7570		99.0	10.1	mg/Kg	✱	10/06/25 06:43	10/06/25 18:04	1
Manganese	125		4.0	0.40	mg/Kg	✱	10/06/25 06:43	10/06/25 18:04	1
Nickel	14.1		2.0	0.18	mg/Kg	✱	10/06/25 06:43	10/06/25 18:04	1
Potassium	1800		99.0	16.0	mg/Kg	✱	10/06/25 06:43	10/06/25 18:04	1
Selenium	0.17	J	1.2	0.13	mg/Kg	✱	10/06/25 06:43	10/06/25 18:04	1
Silver	0.40	U	0.40	0.088	mg/Kg	✱	10/06/25 06:43	10/06/25 18:04	1
Sodium	229		99.0	45.3	mg/Kg	✱	10/06/25 06:43	10/06/25 18:04	1
Thallium	0.16	J	0.40	0.041	mg/Kg	✱	10/06/25 06:43	10/06/25 18:04	1
Vanadium	24.5		2.0	0.20	mg/Kg	✱	10/06/25 06:43	10/06/25 18:04	1
Zinc	40.7		7.9	1.1	mg/Kg	✱	10/06/25 06:43	10/06/25 18:04	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0081	mg/Kg	✱	10/08/25 02:16	10/08/25 09:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.4		1.0	1.0	%			10/05/25 14:32	1
Percent Solids (EPA Moisture)	92.6		1.0	1.0	%			10/05/25 14:32	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-04_0-2_20250930

Lab Sample ID: 460-336108-4

Date Collected: 09/30/25 12:45

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 99.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Acetone	0.0073	U	0.0073	0.0069	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Bromoform	0.0012	U *	0.0012	0.00051	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Chlorodibromomethane	0.0012	U *	0.0012	0.00065	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Methyl acetate	0.0061	U *	0.0061	0.0052	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
N-Propylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☆	10/02/25 07:31	10/04/25 08:52	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-04_0-2_20250930

Lab Sample ID: 460-336108-4

Date Collected: 09/30/25 12:45

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 99.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	✱	10/02/25 07:31	10/04/25 08:52	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	✱	10/02/25 07:31	10/04/25 08:52	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	✱	10/02/25 07:31	10/04/25 08:52	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	✱	10/02/25 07:31	10/04/25 08:52	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	✱	10/02/25 07:31	10/04/25 08:52	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	✱	10/02/25 07:31	10/04/25 08:52	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	✱	10/02/25 07:31	10/04/25 08:52	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	✱	10/02/25 07:31	10/04/25 08:52	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	✱	10/02/25 07:31	10/04/25 08:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		65 - 138	10/02/25 07:31	10/04/25 08:52	1
4-Bromofluorobenzene	93		71 - 128	10/02/25 07:31	10/04/25 08:52	1
Dibromofluoromethane (Surr)	93		50 - 150	10/02/25 07:31	10/04/25 08:52	1
Toluene-d8 (Surr)	102		71 - 126	10/02/25 07:31	10/04/25 08:52	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.011	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
2-Chloronaphthalene	0.33	U	0.33	0.042	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
2-Methylnaphthalene	0.33	U	0.33	0.0092	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
3-Nitroaniline	0.33	U	0.33	0.078	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.13	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-04_0-2_20250930

Lab Sample ID: 460-336108-4

Date Collected: 09/30/25 12:45

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 99.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.33	U	0.33	0.010	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Atrazine	0.13	U	0.13	0.019	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Carbazole	0.33	U	0.33	0.013	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Chrysene	0.33	U	0.33	0.014	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Isophorone	0.13	U	0.13	0.096	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Phenanthrene	0.33	U	0.33	0.013	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Phenol	0.33	U	0.33	0.012	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg	✱	10/01/25 20:32	10/02/25 10:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	60		18 - 137	10/01/25 20:32	10/02/25 10:56	1
2-Fluorobiphenyl	67		33 - 117	10/01/25 20:32	10/02/25 10:56	1
2-Fluorophenol (Surr)	64		24 - 120	10/01/25 20:32	10/02/25 10:56	1
Nitrobenzene-d5 (Surr)	76		27 - 120	10/01/25 20:32	10/02/25 10:56	1
Phenol-d5 (Surr)	70		28 - 118	10/01/25 20:32	10/02/25 10:56	1
Terphenyl-d14 (Surr)	75		33 - 124	10/01/25 20:32	10/02/25 10:56	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.068	U	0.068	0.018	mg/Kg	✱	10/01/25 16:44	10/02/25 23:58	1
Aroclor 1221	0.068	U	0.068	0.018	mg/Kg	✱	10/01/25 16:44	10/02/25 23:58	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-04_0-2_20250930

Lab Sample ID: 460-336108-4

Date Collected: 09/30/25 12:45

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 99.2

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1232	0.068	U	0.068	0.018	mg/Kg	✱	10/01/25 16:44	10/02/25 23:58	1
Aroclor 1242	0.068	U	0.068	0.018	mg/Kg	✱	10/01/25 16:44	10/02/25 23:58	1
Aroclor 1248	0.068	U	0.068	0.018	mg/Kg	✱	10/01/25 16:44	10/02/25 23:58	1
Aroclor 1254	0.068	U	0.068	0.018	mg/Kg	✱	10/01/25 16:44	10/02/25 23:58	1
Aroclor 1260	0.068	U	0.068	0.018	mg/Kg	✱	10/01/25 16:44	10/02/25 23:58	1
Aroclor-1262	0.068	U	0.068	0.018	mg/Kg	✱	10/01/25 16:44	10/02/25 23:58	1
Aroclor 1268	0.068	U	0.068	0.018	mg/Kg	✱	10/01/25 16:44	10/02/25 23:58	1
Polychlorinated biphenyls, Total	0.068	U	0.068	0.018	mg/Kg	✱	10/01/25 16:44	10/02/25 23:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	165	*	10 - 150				10/01/25 16:44	10/02/25 23:58	1
DCB Decachlorobiphenyl	164	*	10 - 150				10/01/25 16:44	10/02/25 23:58	1
Tetrachloro-m-xylene	160	*	10 - 150				10/01/25 16:44	10/02/25 23:58	1
Tetrachloro-m-xylene	163	*	10 - 150				10/01/25 16:44	10/02/25 23:58	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9690		18.7	5.1	mg/Kg	✱	10/06/25 06:43	10/06/25 18:13	1
Antimony	0.93	U	0.93	0.14	mg/Kg	✱	10/06/25 06:43	10/06/25 18:13	1
Arsenic	1.6		0.93	0.096	mg/Kg	✱	10/06/25 06:43	10/06/25 18:13	1
Barium	109		1.9	0.14	mg/Kg	✱	10/06/25 06:43	10/06/25 18:13	1
Beryllium	0.22	J	0.37	0.021	mg/Kg	✱	10/06/25 06:43	10/06/25 18:13	1
Cadmium	0.93	U	0.93	0.11	mg/Kg	✱	10/06/25 06:43	10/06/25 18:13	1
Calcium	16400		93.3	9.1	mg/Kg	✱	10/06/25 06:43	10/06/25 18:13	1
Chromium	35.0		1.9	0.28	mg/Kg	✱	10/06/25 06:43	10/06/25 18:13	1
Cobalt	8.3		0.93	0.14	mg/Kg	✱	10/06/25 06:43	10/06/25 18:13	1
Copper	27.6		1.9	0.34	mg/Kg	✱	10/06/25 06:43	10/06/25 18:13	1
Iron	19400		56.0	7.1	mg/Kg	✱	10/06/25 06:43	10/06/25 18:13	1
Lead	12.7		0.56	0.19	mg/Kg	✱	10/06/25 06:43	10/06/25 18:13	1
Magnesium	12000		93.3	9.5	mg/Kg	✱	10/06/25 06:43	10/06/25 18:13	1
Manganese	269		3.7	0.38	mg/Kg	✱	10/06/25 06:43	10/06/25 18:13	1
Nickel	23.0		1.9	0.17	mg/Kg	✱	10/06/25 06:43	10/06/25 18:13	1
Potassium	4190		93.3	15.1	mg/Kg	✱	10/06/25 06:43	10/06/25 18:13	1
Selenium	0.14	J	1.2	0.12	mg/Kg	✱	10/06/25 06:43	10/06/25 18:13	1
Silver	0.37	U	0.37	0.083	mg/Kg	✱	10/06/25 06:43	10/06/25 18:13	1
Sodium	360		93.3	42.6	mg/Kg	✱	10/06/25 06:43	10/06/25 18:13	1
Thallium	0.25	J	0.37	0.038	mg/Kg	✱	10/06/25 06:43	10/06/25 18:13	1
Vanadium	36.9		1.9	0.19	mg/Kg	✱	10/06/25 06:43	10/06/25 18:13	1
Zinc	59.1		7.5	1.0	mg/Kg	✱	10/06/25 06:43	10/06/25 18:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.050		0.017	0.0081	mg/Kg	✱	10/08/25 02:16	10/08/25 09:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			10/05/25 14:32	1
Percent Solids (EPA Moisture)	99.2		1.0	1.0	%			10/05/25 14:32	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-04_9-11_20250930

Lab Sample ID: 460-336108-5

Date Collected: 09/30/25 12:45

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Acetone	0.011		0.0065	0.0062	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Bromoform	0.0011	U *	0.0011	0.00046	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Chlorodibromomethane	0.0011	U *	0.0011	0.00059	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Methyl acetate	0.0055	U *	0.0055	0.0047	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
sec-Butylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-04_9-11_20250930

Lab Sample ID: 460-336108-5

Date Collected: 09/30/25 12:45

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☆	10/02/25 07:31	10/04/25 15:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		65 - 138	10/02/25 07:31	10/04/25 15:57	1
4-Bromofluorobenzene	92		71 - 128	10/02/25 07:31	10/04/25 15:57	1
Dibromofluoromethane (Surr)	91		50 - 150	10/02/25 07:31	10/04/25 15:57	1
Toluene-d8 (Surr)	101		71 - 126	10/02/25 07:31	10/04/25 15:57	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
Acenaphthene	0.33	U	0.33	0.0095	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	☆	10/01/25 20:32	10/02/25 10:34	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-04_9-11_20250930

Lab Sample ID: 460-336108-5

Date Collected: 09/30/25 12:45

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 98.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.33	U	0.33	0.010	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Atrazine	0.13	U	0.13	0.020	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Benzo[a]pyrene	0.033	U	0.033	0.0089	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.062	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.018	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Caprolactam	0.33	U	0.33	0.052	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Carbazole	0.33	U	0.33	0.013	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Chrysene	0.33	U	0.33	0.014	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Di-n-butyl phthalate	0.33	U	0.33	0.013	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Hexachlorobutadiene	0.067	U	0.067	0.0071	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Isophorone	0.13	U	0.13	0.096	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Naphthalene	0.33	U	0.33	0.0058	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Phenol	0.33	U	0.33	0.012	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1
Pyrene	0.33	U	0.33	0.0083	mg/Kg	✱	10/01/25 20:32	10/02/25 10:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	62		18 - 137	10/01/25 20:32	10/02/25 10:34	1
2-Fluorobiphenyl	67		33 - 117	10/01/25 20:32	10/02/25 10:34	1
2-Fluorophenol (Surr)	63		24 - 120	10/01/25 20:32	10/02/25 10:34	1
Nitrobenzene-d5 (Surr)	73		27 - 120	10/01/25 20:32	10/02/25 10:34	1
Phenol-d5 (Surr)	71		28 - 118	10/01/25 20:32	10/02/25 10:34	1
Terphenyl-d14 (Surr)	74		33 - 124	10/01/25 20:32	10/02/25 10:34	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.068	U	0.068	0.018	mg/Kg	✱	10/01/25 16:44	10/03/25 00:15	1
Aroclor 1221	0.068	U	0.068	0.018	mg/Kg	✱	10/01/25 16:44	10/03/25 00:15	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-04_9-11_20250930

Lab Sample ID: 460-336108-5

Date Collected: 09/30/25 12:45

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 98.6

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1232	0.068	U	0.068	0.018	mg/Kg	☼	10/01/25 16:44	10/03/25 00:15	1
Aroclor 1242	0.068	U	0.068	0.018	mg/Kg	☼	10/01/25 16:44	10/03/25 00:15	1
Aroclor 1248	0.068	U	0.068	0.018	mg/Kg	☼	10/01/25 16:44	10/03/25 00:15	1
Aroclor 1254	0.068	U	0.068	0.018	mg/Kg	☼	10/01/25 16:44	10/03/25 00:15	1
Aroclor 1260	0.068	U	0.068	0.018	mg/Kg	☼	10/01/25 16:44	10/03/25 00:15	1
Aroclor-1262	0.068	U	0.068	0.018	mg/Kg	☼	10/01/25 16:44	10/03/25 00:15	1
Aroclor 1268	0.068	U	0.068	0.018	mg/Kg	☼	10/01/25 16:44	10/03/25 00:15	1
Polychlorinated biphenyls, Total	0.068	U	0.068	0.018	mg/Kg	☼	10/01/25 16:44	10/03/25 00:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	142		10 - 150				10/01/25 16:44	10/03/25 00:15	1
DCB Decachlorobiphenyl	151	*	10 - 150				10/01/25 16:44	10/03/25 00:15	1
Tetrachloro-m-xylene	140		10 - 150				10/01/25 16:44	10/03/25 00:15	1
Tetrachloro-m-xylene	150		10 - 150				10/01/25 16:44	10/03/25 00:15	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3460		18.4	5.1	mg/Kg	☼	10/06/25 06:43	10/06/25 18:16	1
Antimony	0.92	U	0.92	0.13	mg/Kg	☼	10/06/25 06:43	10/06/25 18:16	1
Arsenic	0.84	J	0.92	0.095	mg/Kg	☼	10/06/25 06:43	10/06/25 18:16	1
Barium	24.8		1.8	0.13	mg/Kg	☼	10/06/25 06:43	10/06/25 18:16	1
Beryllium	0.15	J	0.37	0.020	mg/Kg	☼	10/06/25 06:43	10/06/25 18:16	1
Cadmium	0.92	U	0.92	0.10	mg/Kg	☼	10/06/25 06:43	10/06/25 18:16	1
Calcium	11200		92.2	9.0	mg/Kg	☼	10/06/25 06:43	10/06/25 18:16	1
Chromium	7.2		1.8	0.27	mg/Kg	☼	10/06/25 06:43	10/06/25 18:16	1
Cobalt	5.2		0.92	0.14	mg/Kg	☼	10/06/25 06:43	10/06/25 18:16	1
Copper	13.0		1.8	0.34	mg/Kg	☼	10/06/25 06:43	10/06/25 18:16	1
Iron	8690		55.3	7.1	mg/Kg	☼	10/06/25 06:43	10/06/25 18:16	1
Lead	2.7		0.55	0.18	mg/Kg	☼	10/06/25 06:43	10/06/25 18:16	1
Magnesium	7990		92.2	9.4	mg/Kg	☼	10/06/25 06:43	10/06/25 18:16	1
Manganese	162		3.7	0.37	mg/Kg	☼	10/06/25 06:43	10/06/25 18:16	1
Nickel	8.0		1.8	0.16	mg/Kg	☼	10/06/25 06:43	10/06/25 18:16	1
Potassium	761		92.2	14.9	mg/Kg	☼	10/06/25 06:43	10/06/25 18:16	1
Selenium	1.2	U	1.2	0.12	mg/Kg	☼	10/06/25 06:43	10/06/25 18:16	1
Silver	0.37	U	0.37	0.082	mg/Kg	☼	10/06/25 06:43	10/06/25 18:16	1
Sodium	175		92.2	42.1	mg/Kg	☼	10/06/25 06:43	10/06/25 18:16	1
Thallium	0.061	J	0.37	0.038	mg/Kg	☼	10/06/25 06:43	10/06/25 18:16	1
Vanadium	13.2		1.8	0.19	mg/Kg	☼	10/06/25 06:43	10/06/25 18:16	1
Zinc	18.7		7.4	1.0	mg/Kg	☼	10/06/25 06:43	10/06/25 18:16	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0084	J	0.015	0.0073	mg/Kg	☼	10/08/25 02:16	10/08/25 09:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.4		1.0	1.0	%			10/05/25 14:32	1
Percent Solids (EPA Moisture)	98.6		1.0	1.0	%			10/05/25 14:32	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: TB-01_20250930

Lab Sample ID: 460-336108-6

Date Collected: 09/30/25 12:45

Matrix: Water

Date Received: 09/30/25 19:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/06/25 11:52	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			10/06/25 11:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/06/25 11:52	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			10/06/25 11:52	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/06/25 11:52	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/06/25 11:52	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/06/25 11:52	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/06/25 11:52	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			10/06/25 11:52	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/06/25 11:52	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			10/06/25 11:52	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			10/06/25 11:52	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			10/06/25 11:52	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			10/06/25 11:52	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/06/25 11:52	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			10/06/25 11:52	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			10/06/25 11:52	1
2-Hexanone	5.0	U *	5.0	1.1	ug/L			10/06/25 11:52	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/06/25 11:52	1
Acetone	7.0		5.0	4.4	ug/L			10/06/25 11:52	1
Benzene	0.45	U	0.45	0.070	ug/L			10/06/25 11:52	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/06/25 11:52	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/06/25 11:52	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/06/25 11:52	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/06/25 11:52	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/06/25 11:52	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/06/25 11:52	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			10/06/25 11:52	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/06/25 11:52	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/06/25 11:52	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/06/25 11:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			10/06/25 11:52	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			10/06/25 11:52	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/06/25 11:52	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			10/06/25 11:52	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/06/25 11:52	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/06/25 11:52	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/06/25 11:52	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/06/25 11:52	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			10/06/25 11:52	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			10/06/25 11:52	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			10/06/25 11:52	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			10/06/25 11:52	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/06/25 11:52	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			10/06/25 11:52	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			10/06/25 11:52	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/06/25 11:52	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			10/06/25 11:52	1
Styrene	1.0	U	1.0	0.42	ug/L			10/06/25 11:52	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: TB-01_20250930

Lab Sample ID: 460-336108-6

Date Collected: 09/30/25 12:45

Matrix: Water

Date Received: 09/30/25 19:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			10/06/25 11:52	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			10/06/25 11:52	1
Toluene	1.0	U	1.0	0.38	ug/L			10/06/25 11:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/06/25 11:52	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			10/06/25 11:52	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			10/06/25 11:52	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			10/06/25 11:52	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			10/06/25 11:52	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/06/25 11:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		70 - 128		10/06/25 11:52	1
4-Bromofluorobenzene	95		76 - 120		10/06/25 11:52	1
Dibromofluoromethane (Surr)	97		77 - 132		10/06/25 11:52	1
Toluene-d8 (Surr)	101		80 - 120		10/06/25 11:52	1

Surrogate Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (65-138)	BFB (71-128)	DBFM (50-150)	TOL (71-126)
460-335984-1	SB-01_0-2_20250929	103	93	92	100
460-335984-2	SB-01_18-20_20250929	104	93	93	100
460-335984-3	SB-02_0-2_20250929	105	94	95	102
460-335984-4	SB-02_18-20_20250929	99	92	91	101
460-336108-1	SB-03_0-2_20250930	90	79	82	84
460-336108-2	SB-03_11-13_20250930	106	94	95	100
460-336108-3	SB-03_13-15_20250930	101	80	94	150 *
460-336108-4	SB-04_0-2_20250930	103	93	93	102
460-336108-5	SB-04_9-11_20250930	100	92	91	101
LB3 460-1064822/1-A	Method Blank	100	94	93	103
LB3 460-1065295/1-A	Method Blank	103	93	96	102
LCS 460-1065536/2	Lab Control Sample	105	93	93	105
LCS 460-1065633/2	Lab Control Sample	107	94	95	106
LCS 460-1065826/2	Lab Control Sample	106	95	93	102
LCSD 460-1065536/3	Lab Control Sample Dup	104	92	91	103
LCSD 460-1065633/4	Lab Control Sample Dup	106	94	94	105
LCSD 460-1065826/3	Lab Control Sample Dup	107	99	95	104
MB 460-1065536/6	Method Blank	104	92	94	102
MB 460-1065633/7	Method Blank	106	93	95	102
MB 460-1065826/6	Method Blank	105	93	96	103

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-128)	BFB (76-120)	DBFM (77-132)	TOL (80-120)
460-336108-6	TB-01_20250930	81	95	97	101
LCS 460-1066155/5	Lab Control Sample	83	101	96	102
LCSD 460-1066155/6	Lab Control Sample Dup	85	100	96	101
MB 460-1066155/10	Method Blank	82	97	96	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (18-137)	FBP (33-117)	2FP (24-120)	NBZ (27-120)	PHL (28-118)	TPHL (33-124)
460-335975-A-1-C MS	Matrix Spike	56	58	60	60	61	63

Eurofins Edison

Surrogate Summary

Client: AKRF Inc

Job ID: 460-335984-1

Project/Site: 23-56 Broadway, Astoria, Queens, NY

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (18-137)	FBP (33-117)	2FP (24-120)	NBZ (27-120)	PHL (28-118)	TPHL (33-124)
460-335975-A-1-D MSD	Matrix Spike Duplicate	57	59	63	62	64	65
460-335984-1	SB-01_0-2_20250929	58	59	65	61	64	67
460-335984-2	SB-01_18-20_20250929	54	57	61	59	60	64
460-335984-3	SB-02_0-2_20250929	53	55	59	58	58	62
460-335984-4	SB-02_18-20_20250929	60	61	65	64	65	70
460-336092-E-1-C MS	Matrix Spike	63	70	64	76	74	72
460-336092-E-1-D MSD	Matrix Spike Duplicate	62	65	65	71	71	67
460-336108-1	SB-03_0-2_20250930	64	66	61	71	70	77
460-336108-2	SB-03_11-13_20250930	67	71	69	77	77	78
460-336108-3	SB-03_13-15_20250930	63	68	68	75	75	72
460-336108-4	SB-04_0-2_20250930	60	67	64	76	70	75
460-336108-5	SB-04_9-11_20250930	62	67	63	73	71	74
LCS 460-1064934/2-A	Lab Control Sample	78	76	80	81	81	82
LCS 460-1065202/2-A	Lab Control Sample	73	77	74	86	85	80
LCSD 460-1064934/3-A	Lab Control Sample Dup	78	76	81	80	82	83
LCSD 460-1065202/3-A	Lab Control Sample Dup	81	83	81	92	92	85
MB 460-1064934/1-A	Method Blank	66	61	63	63	63	75
MB 460-1065202/1-A	Method Blank	77	82	81	93	87	90

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (10-150)	TCX2 (10-150)
460-335984-1	SB-01_0-2_20250929	127	133	140	129
460-335984-2	SB-01_18-20_20250929	142	133	145	134
460-335984-3	SB-02_0-2_20250929	146	142	154 *	144
460-335984-4	SB-02_18-20_20250929	143	133	143	133
460-336098-A-7-A MS	Matrix Spike	111	112	112	107
460-336098-A-7-B MSD	Matrix Spike Duplicate	104	105	105	100
460-336108-1	SB-03_0-2_20250930	153 *	151 *	152 *	145
460-336108-2	SB-03_11-13_20250930	181 *	168 *	180 *	169 *
460-336108-3	SB-03_13-15_20250930	188 *	159 *	143	143
460-336108-4	SB-04_0-2_20250930	164 *	165 *	163 *	160 *
460-336108-5	SB-04_9-11_20250930	151 *	142	150	140
LCS 460-1064864/2-A	Lab Control Sample	112	104	112	104
LCS 460-1065150/2-A	Lab Control Sample	127	125	131	122
LCS 460-1065763/2-A	Lab Control Sample	92	78	73	80
LCSD 460-1064864/3-A	Lab Control Sample Dup	109	103	110	105
LCSD 460-1065150/3-A	Lab Control Sample Dup	126	121	124	116
LCSD 460-1065763/3-A	Lab Control Sample Dup	134	127	136	132
MB 460-1064864/1-A	Method Blank	120	115	125	120

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Surrogate Summary

Client: AKRF Inc

Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (10-150)	TCX2 (10-150)
MB 460-1065150/1-A	Method Blank	130	123	127	120
MB 460-1065763/1-A	Method Blank	107	102	105	98
Surrogate Legend					
DCBP = DCB Decachlorobiphenyl					
TCX = Tetrachloro-m-xylene					

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LB3 460-1064822/1-A

Matrix: Solid

Analysis Batch: 1065536

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1064822

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		09/30/25 12:46	10/03/25 10:38	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-1064822/1-A

Matrix: Solid

Analysis Batch: 1065536

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1064822

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		09/30/25 12:46	10/03/25 10:38	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg		09/30/25 12:46	10/03/25 10:38	1

Surrogate	LB3 %Recovery	LB3 Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		65 - 138	09/30/25 12:46	10/03/25 10:38	1
4-Bromofluorobenzene	94		71 - 128	09/30/25 12:46	10/03/25 10:38	1
Dibromofluoromethane (Surr)	93		50 - 150	09/30/25 12:46	10/03/25 10:38	1
Toluene-d8 (Surr)	103		71 - 126	09/30/25 12:46	10/03/25 10:38	1

Lab Sample ID: LB3 460-1065295/1-A

Matrix: Solid

Analysis Batch: 1065826

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1065295

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		10/02/25 07:29	10/04/25 07:12	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-1065295/1-A

Matrix: Solid

Analysis Batch: 1065826

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1065295

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		10/02/25 07:29	10/04/25 07:12	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg		10/02/25 07:29	10/04/25 07:12	1

Surrogate	LB3 %Recovery	LB3 Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		65 - 138	10/02/25 07:29	10/04/25 07:12	1
4-Bromofluorobenzene	93		71 - 128	10/02/25 07:29	10/04/25 07:12	1
Dibromofluoromethane (Surr)	96		50 - 150	10/02/25 07:29	10/04/25 07:12	1
Toluene-d8 (Surr)	102		71 - 126	10/02/25 07:29	10/04/25 07:12	1

Lab Sample ID: MB 460-1065536/6

Matrix: Solid

Analysis Batch: 1065536

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/03/25 06:27	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/03/25 06:27	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1065536/6

Matrix: Solid

Analysis Batch: 1065536

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/03/25 06:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/03/25 06:27	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/03/25 06:27	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/03/25 06:27	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/03/25 06:27	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/03/25 06:27	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/03/25 06:27	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/03/25 06:27	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/03/25 06:27	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/03/25 06:27	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/03/25 06:27	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/03/25 06:27	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/03/25 06:27	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/03/25 06:27	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/03/25 06:27	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/03/25 06:27	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/03/25 06:27	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/03/25 06:27	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/03/25 06:27	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/03/25 06:27	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/03/25 06:27	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/03/25 06:27	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/03/25 06:27	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/03/25 06:27	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/03/25 06:27	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/03/25 06:27	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/03/25 06:27	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/03/25 06:27	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/03/25 06:27	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/03/25 06:27	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/03/25 06:27	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/03/25 06:27	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/03/25 06:27	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/03/25 06:27	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/03/25 06:27	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/03/25 06:27	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/03/25 06:27	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/03/25 06:27	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/03/25 06:27	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/03/25 06:27	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/03/25 06:27	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/03/25 06:27	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/03/25 06:27	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/03/25 06:27	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/03/25 06:27	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/03/25 06:27	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/03/25 06:27	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/03/25 06:27	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/03/25 06:27	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1065536/6

Matrix: Solid

Analysis Batch: 1065536

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/03/25 06:27	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/03/25 06:27	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/03/25 06:27	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/03/25 06:27	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/03/25 06:27	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/03/25 06:27	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/03/25 06:27	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/03/25 06:27	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/03/25 06:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		65 - 138		10/03/25 06:27	1
4-Bromofluorobenzene	92		71 - 128		10/03/25 06:27	1
Dibromofluoromethane (Surr)	94		50 - 150		10/03/25 06:27	1
Toluene-d8 (Surr)	102		71 - 126		10/03/25 06:27	1

Lab Sample ID: LCS 460-1065536/2

Matrix: Solid

Analysis Batch: 1065536

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0188		mg/Kg		94	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0225		mg/Kg		113	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0179		mg/Kg		90	75 - 121
1,1,2-Trichloroethane	0.0200	0.0201		mg/Kg		101	80 - 120
1,1-Dichloroethane	0.0200	0.0214		mg/Kg		107	72 - 120
1,1-Dichloroethene	0.0200	0.0178		mg/Kg		89	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0176		mg/Kg		88	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0180		mg/Kg		90	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0195		mg/Kg		97	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0179		mg/Kg		90	80 - 124
1,2-Dichlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120
1,2-Dichloroethane	0.0200	0.0190		mg/Kg		95	70 - 123
1,2-Dichloropropane	0.0200	0.0219		mg/Kg		110	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0201		mg/Kg		100	70 - 120
1,3-Dichlorobenzene	0.0200	0.0181		mg/Kg		91	80 - 120
1,4-Dichlorobenzene	0.0200	0.0185		mg/Kg		93	80 - 120
2-Butanone (MEK)	0.100	0.0712		mg/Kg		71	64 - 128
2-Hexanone	0.100	0.0821		mg/Kg		82	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0868		mg/Kg		87	80 - 120
Acetone	0.100	0.0803		mg/Kg		80	58 - 122
Benzene	0.0200	0.0211		mg/Kg		106	75 - 120
Bromoform	0.0200	0.0258	*	mg/Kg		129	61 - 125
Bromomethane	0.0200	0.0164		mg/Kg		82	37 - 150
Carbon disulfide	0.0200	0.0205		mg/Kg		103	57 - 133
Carbon tetrachloride	0.0200	0.0224		mg/Kg		112	66 - 127
Chlorobenzene	0.0200	0.0184		mg/Kg		92	80 - 120
Chlorobromomethane	0.0200	0.0165		mg/Kg		82	76 - 127

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1065536/2

Matrix: Solid

Analysis Batch: 1065536

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorodibromomethane	0.0200	0.0240		mg/Kg		120	72 - 120
Chloroethane	0.0200	0.0204		mg/Kg		102	60 - 123
Chloroform	0.0200	0.0183		mg/Kg		91	79 - 126
Chloromethane	0.0200	0.0186		mg/Kg		93	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0175		mg/Kg		87	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0219		mg/Kg		110	75 - 120
Cyclohexane	0.0200	0.0195		mg/Kg		97	65 - 132
Dichlorobromomethane	0.0200	0.0202		mg/Kg		101	77 - 124
Dichlorodifluoromethane	0.0200	0.0162		mg/Kg		81	45 - 129
Ethylbenzene	0.0200	0.0189		mg/Kg		94	80 - 120
Ethylene Dibromide	0.0200	0.0184		mg/Kg		92	79 - 120
Isopropylbenzene	0.0200	0.0192		mg/Kg		96	74 - 120
Methyl acetate	0.0400	0.0528	*	mg/Kg		132	57 - 120
Methyl tert-butyl ether	0.0200	0.0183		mg/Kg		91	74 - 125
Methylcyclohexane	0.0200	0.0197		mg/Kg		98	66 - 125
Methylene Chloride	0.0200	0.0188		mg/Kg		94	78 - 120
m-Xylene & p-Xylene	0.0200	0.0187		mg/Kg		94	80 - 120
n-Butylbenzene	0.0200	0.0226		mg/Kg		113	72 - 120
N-Propylbenzene	0.0200	0.0192		mg/Kg		96	68 - 120
o-Xylene	0.0200	0.0188		mg/Kg		94	80 - 120
sec-Butylbenzene	0.0200	0.0205		mg/Kg		102	78 - 120
Styrene	0.0200	0.0172		mg/Kg		86	80 - 120
tert-Butylbenzene	0.0200	0.0196		mg/Kg		98	80 - 120
Tetrachloroethene	0.0200	0.0175		mg/Kg		88	73 - 120
Toluene	0.0200	0.0189		mg/Kg		94	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0178		mg/Kg		89	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0206		mg/Kg		103	77 - 120
Trichloroethene	0.0200	0.0177		mg/Kg		89	80 - 120
Trichlorofluoromethane	0.0200	0.0162		mg/Kg		81	61 - 130
Vinyl chloride	0.0200	0.0194		mg/Kg		97	54 - 122
Xylenes, Total	0.0400	0.0375		mg/Kg		94	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		65 - 138
4-Bromofluorobenzene	93		71 - 128
Dibromofluoromethane (Surr)	93		50 - 150
Toluene-d8 (Surr)	105		71 - 126

Lab Sample ID: LCSD 460-1065536/3

Matrix: Solid

Analysis Batch: 1065536

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0187		mg/Kg		93	78 - 120	1	30
1,1,2,2-Tetrachloroethane	0.0200	0.0223		mg/Kg		112	70 - 133	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0173		mg/Kg		86	75 - 121	4	30
1,1,2-Trichloroethane	0.0200	0.0205		mg/Kg		103	80 - 120	2	30
1,1-Dichloroethane	0.0200	0.0215		mg/Kg		107	72 - 120	0	30

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1065536/3

Matrix: Solid

Analysis Batch: 1065536

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	0.0200	0.0177		mg/Kg		89	76 - 120	0	30
1,2,3-Trichlorobenzene	0.0200	0.0177		mg/Kg		89	77 - 137	1	30
1,2,4-Trichlorobenzene	0.0200	0.0175		mg/Kg		87	77 - 136	3	30
1,2,4-Trimethylbenzene	0.0200	0.0195		mg/Kg		97	75 - 120	0	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0169		mg/Kg		85	80 - 124	6	30
1,2-Dichlorobenzene	0.0200	0.0186		mg/Kg		93	80 - 120	2	30
1,2-Dichloroethane	0.0200	0.0192		mg/Kg		96	70 - 123	1	30
1,2-Dichloropropane	0.0200	0.0221		mg/Kg		111	73 - 124	1	30
1,3,5-Trimethylbenzene	0.0200	0.0200		mg/Kg		100	70 - 120	0	30
1,3-Dichlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120	1	30
1,4-Dichlorobenzene	0.0200	0.0183		mg/Kg		91	80 - 120	1	30
2-Butanone (MEK)	0.100	0.0718		mg/Kg		72	64 - 128	1	30
2-Hexanone	0.100	0.0847		mg/Kg		85	75 - 120	3	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0892		mg/Kg		89	80 - 120	3	30
Acetone	0.100	0.0800		mg/Kg		80	58 - 122	0	30
Benzene	0.0200	0.0208		mg/Kg		104	75 - 120	2	30
Bromoform	0.0200	0.0258	*	mg/Kg		129	61 - 125	0	30
Bromomethane	0.0200	0.0158		mg/Kg		79	37 - 150	4	30
Carbon disulfide	0.0200	0.0203		mg/Kg		102	57 - 133	1	30
Carbon tetrachloride	0.0200	0.0220		mg/Kg		110	66 - 127	2	30
Chlorobenzene	0.0200	0.0183		mg/Kg		91	80 - 120	0	30
Chlorobromomethane	0.0200	0.0162		mg/Kg		81	76 - 127	2	30
Chlorodibromomethane	0.0200	0.0242	*	mg/Kg		121	72 - 120	1	30
Chloroethane	0.0200	0.0194		mg/Kg		97	60 - 123	5	30
Chloroform	0.0200	0.0184		mg/Kg		92	79 - 126	0	30
Chloromethane	0.0200	0.0180		mg/Kg		90	46 - 122	4	30
cis-1,2-Dichloroethene	0.0200	0.0177		mg/Kg		88	80 - 123	1	30
cis-1,3-Dichloropropene	0.0200	0.0222		mg/Kg		111	75 - 120	1	30
Cyclohexane	0.0200	0.0194		mg/Kg		97	65 - 132	0	30
Dichlorobromomethane	0.0200	0.0204		mg/Kg		102	77 - 124	1	30
Dichlorodifluoromethane	0.0200	0.0158		mg/Kg		79	45 - 129	3	30
Ethylbenzene	0.0200	0.0187		mg/Kg		93	80 - 120	1	30
Ethylene Dibromide	0.0200	0.0187		mg/Kg		94	79 - 120	2	30
Isopropylbenzene	0.0200	0.0191		mg/Kg		96	74 - 120	1	30
Methyl acetate	0.0400	0.0547	*	mg/Kg		137	57 - 120	4	30
Methyl tert-butyl ether	0.0200	0.0185		mg/Kg		92	74 - 125	1	30
Methylcyclohexane	0.0200	0.0192		mg/Kg		96	66 - 125	2	30
Methylene Chloride	0.0200	0.0184		mg/Kg		92	78 - 120	2	30
m-Xylene & p-Xylene	0.0200	0.0185		mg/Kg		93	80 - 120	1	30
n-Butylbenzene	0.0200	0.0217		mg/Kg		109	72 - 120	4	30
N-Propylbenzene	0.0200	0.0192		mg/Kg		96	68 - 120	0	30
o-Xylene	0.0200	0.0187		mg/Kg		94	80 - 120	0	30
sec-Butylbenzene	0.0200	0.0202		mg/Kg		101	78 - 120	1	30
Styrene	0.0200	0.0171		mg/Kg		85	80 - 120	1	30
tert-Butylbenzene	0.0200	0.0195		mg/Kg		98	80 - 120	1	30
Tetrachloroethene	0.0200	0.0175		mg/Kg		87	73 - 120	0	30
Toluene	0.0200	0.0191		mg/Kg		95	80 - 120	1	30
trans-1,2-Dichloroethene	0.0200	0.0176		mg/Kg		88	78 - 120	1	30
trans-1,3-Dichloropropene	0.0200	0.0211		mg/Kg		105	77 - 120	3	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1065536/3

Matrix: Solid

Analysis Batch: 1065536

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Trichloroethene	0.0200	0.0179		mg/Kg		89	80 - 120	1	30
Trichlorofluoromethane	0.0200	0.0156		mg/Kg		78	61 - 130	4	30
Vinyl chloride	0.0200	0.0190		mg/Kg		95	54 - 122	2	30
Xylenes, Total	0.0400	0.0373		mg/Kg		93	80 - 120	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		65 - 138
4-Bromofluorobenzene	92		71 - 128
Dibromofluoromethane (Surr)	91		50 - 150
Toluene-d8 (Surr)	103		71 - 126

Lab Sample ID: MB 460-1065633/7

Matrix: Solid

Analysis Batch: 1065633

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/03/25 18:56	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/03/25 18:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/03/25 18:56	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/03/25 18:56	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/03/25 18:56	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/03/25 18:56	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/03/25 18:56	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/03/25 18:56	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/03/25 18:56	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/03/25 18:56	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/03/25 18:56	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/03/25 18:56	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/03/25 18:56	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/03/25 18:56	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/03/25 18:56	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/03/25 18:56	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/03/25 18:56	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/03/25 18:56	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/03/25 18:56	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/03/25 18:56	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/03/25 18:56	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/03/25 18:56	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/03/25 18:56	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/03/25 18:56	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/03/25 18:56	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/03/25 18:56	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/03/25 18:56	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/03/25 18:56	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/03/25 18:56	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/03/25 18:56	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/03/25 18:56	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/03/25 18:56	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1065633/7

Matrix: Solid

Analysis Batch: 1065633

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/03/25 18:56	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/03/25 18:56	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/03/25 18:56	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/03/25 18:56	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/03/25 18:56	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/03/25 18:56	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/03/25 18:56	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/03/25 18:56	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/03/25 18:56	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/03/25 18:56	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/03/25 18:56	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/03/25 18:56	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/03/25 18:56	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/03/25 18:56	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/03/25 18:56	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/03/25 18:56	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/03/25 18:56	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/03/25 18:56	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/03/25 18:56	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/03/25 18:56	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/03/25 18:56	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/03/25 18:56	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/03/25 18:56	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/03/25 18:56	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/03/25 18:56	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/03/25 18:56	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/03/25 18:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		65 - 138		10/03/25 18:56	1
4-Bromofluorobenzene	93		71 - 128		10/03/25 18:56	1
Dibromofluoromethane (Surr)	95		50 - 150		10/03/25 18:56	1
Toluene-d8 (Surr)	102		71 - 126		10/03/25 18:56	1

Lab Sample ID: LCS 460-1065633/2

Matrix: Solid

Analysis Batch: 1065633

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0178		mg/Kg		89	78 - 120
1,1,1,2,2-Tetrachloroethane	0.0200	0.0221		mg/Kg		111	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0178		mg/Kg		89	75 - 121
1,1,2-Trichloroethane	0.0200	0.0204		mg/Kg		102	80 - 120
1,1-Dichloroethane	0.0200	0.0209		mg/Kg		105	72 - 120
1,1-Dichloroethene	0.0200	0.0173		mg/Kg		86	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0170		mg/Kg		85	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0161		mg/Kg		80	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0179		mg/Kg		90	75 - 120

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1065633/2

Matrix: Solid

Analysis Batch: 1065633

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0200	0.0174		mg/Kg		87	80 - 124
1,2-Dichlorobenzene	0.0200	0.0182		mg/Kg		91	80 - 120
1,2-Dichloroethane	0.0200	0.0191		mg/Kg		96	70 - 123
1,2-Dichloropropane	0.0200	0.0223		mg/Kg		111	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0184		mg/Kg		92	70 - 120
1,3-Dichlorobenzene	0.0200	0.0171		mg/Kg		85	80 - 120
1,4-Dichlorobenzene	0.0200	0.0173		mg/Kg		87	80 - 120
2-Butanone (MEK)	0.100	0.0696		mg/Kg		70	64 - 128
2-Hexanone	0.100	0.0825		mg/Kg		82	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0880		mg/Kg		88	80 - 120
Acetone	0.100	0.0818		mg/Kg		82	58 - 122
Benzene	0.0200	0.0204		mg/Kg		102	75 - 120
Bromoform	0.0200	0.0258	*	mg/Kg		129	61 - 125
Bromomethane	0.0200	0.0180		mg/Kg		90	37 - 150
Carbon disulfide	0.0200	0.0194		mg/Kg		97	57 - 133
Carbon tetrachloride	0.0200	0.0211		mg/Kg		106	66 - 127
Chlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120
Chlorobromomethane	0.0200	0.0165		mg/Kg		83	76 - 127
Chlorodibromomethane	0.0200	0.0244	*	mg/Kg		122	72 - 120
Chloroethane	0.0200	0.0217		mg/Kg		109	60 - 123
Chloroform	0.0200	0.0182		mg/Kg		91	79 - 126
Chloromethane	0.0200	0.0206		mg/Kg		103	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0173		mg/Kg		86	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0217		mg/Kg		108	75 - 120
Cyclohexane	0.0200	0.0176		mg/Kg		88	65 - 132
Dichlorobromomethane	0.0200	0.0204		mg/Kg		102	77 - 124
Dichlorodifluoromethane	0.0200	0.0170		mg/Kg		85	45 - 129
Ethylbenzene	0.0200	0.0182		mg/Kg		91	80 - 120
Ethylene Dibromide	0.0200	0.0187		mg/Kg		93	79 - 120
Isopropylbenzene	0.0200	0.0181		mg/Kg		90	74 - 120
Methyl acetate	0.0400	0.0546	*	mg/Kg		136	57 - 120
Methyl tert-butyl ether	0.0200	0.0184		mg/Kg		92	74 - 125
Methylcyclohexane	0.0200	0.0177		mg/Kg		88	66 - 125
Methylene Chloride	0.0200	0.0186		mg/Kg		93	78 - 120
m-Xylene & p-Xylene	0.0200	0.0177		mg/Kg		89	80 - 120
n-Butylbenzene	0.0200	0.0194		mg/Kg		97	72 - 120
N-Propylbenzene	0.0200	0.0176		mg/Kg		88	68 - 120
o-Xylene	0.0200	0.0180		mg/Kg		90	80 - 120
sec-Butylbenzene	0.0200	0.0184		mg/Kg		92	78 - 120
Styrene	0.0200	0.0165		mg/Kg		83	80 - 120
tert-Butylbenzene	0.0200	0.0178		mg/Kg		89	80 - 120
Tetrachloroethene	0.0200	0.0162		mg/Kg		81	73 - 120
Toluene	0.0200	0.0182		mg/Kg		91	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0172		mg/Kg		86	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0203		mg/Kg		102	77 - 120
Trichloroethene	0.0200	0.0170		mg/Kg		85	80 - 120
Trichlorofluoromethane	0.0200	0.0171		mg/Kg		86	61 - 130
Vinyl chloride	0.0200	0.0216		mg/Kg		108	54 - 122
Xylenes, Total	0.0400	0.0357		mg/Kg		89	80 - 120

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	107		65 - 138
4-Bromofluorobenzene	94		71 - 128
Dibromofluoromethane (Surr)	95		50 - 150
Toluene-d8 (Surr)	106		71 - 126

Lab Sample ID: LCSD 460-1065633/4

Matrix: Solid

Analysis Batch: 1065633

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	RPD Limit
							Limits			
1,1,1-Trichloroethane	0.0200	0.0171		mg/Kg		86	78 - 120		4	30
1,1,1,2-Tetrachloroethane	0.0200	0.0219		mg/Kg		109	70 - 133		1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0158		mg/Kg		79	75 - 121		12	30
1,1,2-Trichloroethane	0.0200	0.0197		mg/Kg		99	80 - 120		3	30
1,1-Dichloroethane	0.0200	0.0204		mg/Kg		102	72 - 120		3	30
1,1-Dichloroethene	0.0200	0.0156		mg/Kg		78	76 - 120		10	30
1,2,3-Trichlorobenzene	0.0200	0.0169		mg/Kg		85	77 - 137		0	30
1,2,4-Trichlorobenzene	0.0200	0.0164		mg/Kg		82	77 - 136		2	30
1,2,4-Trimethylbenzene	0.0200	0.0178		mg/Kg		89	75 - 120		0	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0170		mg/Kg		85	80 - 124		3	30
1,2-Dichlorobenzene	0.0200	0.0178		mg/Kg		89	80 - 120		2	30
1,2-Dichloroethane	0.0200	0.0184		mg/Kg		92	70 - 123		4	30
1,2-Dichloropropane	0.0200	0.0216		mg/Kg		108	73 - 124		3	30
1,3,5-Trimethylbenzene	0.0200	0.0180		mg/Kg		90	70 - 120		2	30
1,3-Dichlorobenzene	0.0200	0.0171		mg/Kg		85	80 - 120		0	30
1,4-Dichlorobenzene	0.0200	0.0173		mg/Kg		86	80 - 120		0	30
2-Butanone (MEK)	0.100	0.0691		mg/Kg		69	64 - 128		1	30
2-Hexanone	0.100	0.0833		mg/Kg		83	75 - 120		1	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0881		mg/Kg		88	80 - 120		0	30
Acetone	0.100	0.0792		mg/Kg		79	58 - 122		3	30
Benzene	0.0200	0.0195		mg/Kg		97	75 - 120		5	30
Bromoform	0.0200	0.0263	*	mg/Kg		131	61 - 125		2	30
Bromomethane	0.0200	0.0173		mg/Kg		86	37 - 150		4	30
Carbon disulfide	0.0200	0.0180		mg/Kg		90	57 - 133		8	30
Carbon tetrachloride	0.0200	0.0204		mg/Kg		102	66 - 127		3	30
Chlorobenzene	0.0200	0.0175		mg/Kg		87	80 - 120		3	30
Chlorobromomethane	0.0200	0.0160		mg/Kg		80	76 - 127		3	30
Chlorodibromomethane	0.0200	0.0240		mg/Kg		120	72 - 120		2	30
Chloroethane	0.0200	0.0209		mg/Kg		104	60 - 123		4	30
Chloroform	0.0200	0.0178		mg/Kg		89	79 - 126		2	30
Chloromethane	0.0200	0.0204		mg/Kg		102	46 - 122		1	30
cis-1,2-Dichloroethene	0.0200	0.0166		mg/Kg		83	80 - 123		4	30
cis-1,3-Dichloropropene	0.0200	0.0208		mg/Kg		104	75 - 120		4	30
Cyclohexane	0.0200	0.0172		mg/Kg		86	65 - 132		2	30
Dichlorobromomethane	0.0200	0.0200		mg/Kg		100	77 - 124		2	30
Dichlorodifluoromethane	0.0200	0.0163		mg/Kg		82	45 - 129		4	30
Ethylbenzene	0.0200	0.0172		mg/Kg		86	80 - 120		5	30
Ethylene Dibromide	0.0200	0.0183		mg/Kg		91	79 - 120		2	30
Isopropylbenzene	0.0200	0.0174		mg/Kg		87	74 - 120		3	30
Methyl acetate	0.0400	0.0522	*	mg/Kg		131	57 - 120		4	30
Methyl tert-butyl ether	0.0200	0.0180		mg/Kg		90	74 - 125		2	30

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1065633/4

Matrix: Solid

Analysis Batch: 1065633

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylcyclohexane	0.0200	0.0169		mg/Kg		85	66 - 125	4	30
Methylene Chloride	0.0200	0.0178		mg/Kg		89	78 - 120	5	30
m-Xylene & p-Xylene	0.0200	0.0170		mg/Kg		85	80 - 120	4	30
n-Butylbenzene	0.0200	0.0194		mg/Kg		97	72 - 120	0	30
N-Propylbenzene	0.0200	0.0173		mg/Kg		87	68 - 120	2	30
o-Xylene	0.0200	0.0174		mg/Kg		87	80 - 120	3	30
sec-Butylbenzene	0.0200	0.0179		mg/Kg		90	78 - 120	3	30
Styrene	0.0200	0.0163		mg/Kg		81	80 - 120	1	30
tert-Butylbenzene	0.0200	0.0173		mg/Kg		86	80 - 120	3	30
Tetrachloroethene	0.0200	0.0157		mg/Kg		78	73 - 120	4	30
Toluene	0.0200	0.0176		mg/Kg		88	80 - 120	4	30
trans-1,2-Dichloroethene	0.0200	0.0163		mg/Kg		81	78 - 120	6	30
trans-1,3-Dichloropropene	0.0200	0.0199		mg/Kg		100	77 - 120	2	30
Trichloroethene	0.0200	0.0166		mg/Kg		83	80 - 120	3	30
Trichlorofluoromethane	0.0200	0.0167		mg/Kg		84	61 - 130	2	30
Vinyl chloride	0.0200	0.0208		mg/Kg		104	54 - 122	3	30
Xylenes, Total	0.0400	0.0345		mg/Kg		86	80 - 120	4	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	106		65 - 138
4-Bromofluorobenzene	94		71 - 128
Dibromofluoromethane (Surr)	94		50 - 150
Toluene-d8 (Surr)	105		71 - 126

Lab Sample ID: MB 460-1065826/6

Matrix: Solid

Analysis Batch: 1065826

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			10/04/25 06:47	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/04/25 06:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/04/25 06:47	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/04/25 06:47	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			10/04/25 06:47	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			10/04/25 06:47	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			10/04/25 06:47	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/04/25 06:47	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			10/04/25 06:47	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			10/04/25 06:47	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			10/04/25 06:47	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			10/04/25 06:47	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			10/04/25 06:47	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			10/04/25 06:47	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			10/04/25 06:47	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			10/04/25 06:47	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			10/04/25 06:47	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			10/04/25 06:47	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			10/04/25 06:47	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1065826/6

Matrix: Solid

Analysis Batch: 1065826

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/04/25 06:47	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			10/04/25 06:47	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			10/04/25 06:47	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			10/04/25 06:47	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			10/04/25 06:47	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			10/04/25 06:47	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			10/04/25 06:47	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			10/04/25 06:47	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			10/04/25 06:47	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			10/04/25 06:47	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			10/04/25 06:47	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			10/04/25 06:47	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			10/04/25 06:47	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			10/04/25 06:47	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/04/25 06:47	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			10/04/25 06:47	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			10/04/25 06:47	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			10/04/25 06:47	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			10/04/25 06:47	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			10/04/25 06:47	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/04/25 06:47	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			10/04/25 06:47	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			10/04/25 06:47	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			10/04/25 06:47	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			10/04/25 06:47	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			10/04/25 06:47	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/04/25 06:47	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			10/04/25 06:47	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			10/04/25 06:47	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			10/04/25 06:47	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			10/04/25 06:47	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			10/04/25 06:47	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			10/04/25 06:47	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			10/04/25 06:47	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			10/04/25 06:47	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			10/04/25 06:47	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			10/04/25 06:47	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			10/04/25 06:47	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			10/04/25 06:47	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			10/04/25 06:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		65 - 138		10/04/25 06:47	1
4-Bromofluorobenzene	93		71 - 128		10/04/25 06:47	1
Dibromofluoromethane (Surr)	96		50 - 150		10/04/25 06:47	1
Toluene-d8 (Surr)	103		71 - 126		10/04/25 06:47	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1065826/2

Matrix: Solid

Analysis Batch: 1065826

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0186		mg/Kg		93	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0219		mg/Kg		109	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0175		mg/Kg		88	75 - 121
1,1,2-Trichloroethane	0.0200	0.0199		mg/Kg		99	80 - 120
1,1-Dichloroethane	0.0200	0.0210		mg/Kg		105	72 - 120
1,1-Dichloroethene	0.0200	0.0176		mg/Kg		88	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0176		mg/Kg		88	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0174		mg/Kg		87	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0185		mg/Kg		93	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0174		mg/Kg		87	80 - 124
1,2-Dichlorobenzene	0.0200	0.0182		mg/Kg		91	80 - 120
1,2-Dichloroethane	0.0200	0.0190		mg/Kg		95	70 - 123
1,2-Dichloropropane	0.0200	0.0218		mg/Kg		109	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0191		mg/Kg		96	70 - 120
1,3-Dichlorobenzene	0.0200	0.0179		mg/Kg		89	80 - 120
1,4-Dichlorobenzene	0.0200	0.0181		mg/Kg		90	80 - 120
2-Butanone (MEK)	0.100	0.0707		mg/Kg		71	64 - 128
2-Hexanone	0.100	0.0838		mg/Kg		84	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0873		mg/Kg		87	80 - 120
Acetone	0.100	0.0836		mg/Kg		84	58 - 122
Benzene	0.0200	0.0201		mg/Kg		100	75 - 120
Bromoform	0.0200	0.0269	*	mg/Kg		135	61 - 125
Bromomethane	0.0200	0.0151		mg/Kg		76	37 - 150
Carbon disulfide	0.0200	0.0194		mg/Kg		97	57 - 133
Carbon tetrachloride	0.0200	0.0225		mg/Kg		113	66 - 127
Chlorobenzene	0.0200	0.0181		mg/Kg		90	80 - 120
Chlorobromomethane	0.0200	0.0163		mg/Kg		81	76 - 127
Chlorodibromomethane	0.0200	0.0240		mg/Kg		120	72 - 120
Chloroethane	0.0200	0.0178		mg/Kg		89	60 - 123
Chloroform	0.0200	0.0183		mg/Kg		91	79 - 126
Chloromethane	0.0200	0.0164		mg/Kg		82	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0172		mg/Kg		86	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0209		mg/Kg		104	75 - 120
Cyclohexane	0.0200	0.0191		mg/Kg		95	65 - 132
Dichlorobromomethane	0.0200	0.0202		mg/Kg		101	77 - 124
Dichlorodifluoromethane	0.0200	0.0150		mg/Kg		75	45 - 129
Ethylbenzene	0.0200	0.0182		mg/Kg		91	80 - 120
Ethylene Dibromide	0.0200	0.0180		mg/Kg		90	79 - 120
Isopropylbenzene	0.0200	0.0187		mg/Kg		94	74 - 120
Methyl acetate	0.0400	0.0550	*	mg/Kg		138	57 - 120
Methyl tert-butyl ether	0.0200	0.0178		mg/Kg		89	74 - 125
Methylcyclohexane	0.0200	0.0183		mg/Kg		92	66 - 125
Methylene Chloride	0.0200	0.0181		mg/Kg		91	78 - 120
m-Xylene & p-Xylene	0.0200	0.0179		mg/Kg		90	80 - 120
n-Butylbenzene	0.0200	0.0205		mg/Kg		103	72 - 120
N-Propylbenzene	0.0200	0.0186		mg/Kg		93	68 - 120
o-Xylene	0.0200	0.0178		mg/Kg		89	80 - 120
sec-Butylbenzene	0.0200	0.0190		mg/Kg		95	78 - 120

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1065826/2

Matrix: Solid

Analysis Batch: 1065826

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	0.0200	0.0169		mg/Kg		85	80 - 120
tert-Butylbenzene	0.0200	0.0186		mg/Kg		93	80 - 120
Tetrachloroethene	0.0200	0.0176		mg/Kg		88	73 - 120
Toluene	0.0200	0.0180		mg/Kg		90	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0173		mg/Kg		87	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0201		mg/Kg		101	77 - 120
Trichloroethene	0.0200	0.0173		mg/Kg		86	80 - 120
Trichlorofluoromethane	0.0200	0.0155		mg/Kg		77	61 - 130
Vinyl chloride	0.0200	0.0176		mg/Kg		88	54 - 122
Xylenes, Total	0.0400	0.0357		mg/Kg		89	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	106		65 - 138
4-Bromofluorobenzene	95		71 - 128
Dibromofluoromethane (Surr)	93		50 - 150
Toluene-d8 (Surr)	102		71 - 126

Lab Sample ID: LCSD 460-1065826/3

Matrix: Solid

Analysis Batch: 1065826

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0186		mg/Kg		93	78 - 120	0	30
1,1,2,2-Tetrachloroethane	0.0200	0.0215		mg/Kg		107	70 - 133	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0179		mg/Kg		90	75 - 121	2	30
1,1,2-Trichloroethane	0.0200	0.0198		mg/Kg		99	80 - 120	0	30
1,1-Dichloroethane	0.0200	0.0210		mg/Kg		105	72 - 120	0	30
1,1-Dichloroethene	0.0200	0.0179		mg/Kg		89	76 - 120	1	30
1,2,3-Trichlorobenzene	0.0200	0.0176		mg/Kg		88	77 - 137	0	30
1,2,4-Trichlorobenzene	0.0200	0.0175		mg/Kg		87	77 - 136	0	30
1,2,4-Trimethylbenzene	0.0200	0.0188		mg/Kg		94	75 - 120	1	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0173		mg/Kg		86	80 - 124	1	30
1,2-Dichlorobenzene	0.0200	0.0188		mg/Kg		94	80 - 120	3	30
1,2-Dichloroethane	0.0200	0.0186		mg/Kg		93	70 - 123	2	30
1,2-Dichloropropane	0.0200	0.0217		mg/Kg		109	73 - 124	1	30
1,3,5-Trimethylbenzene	0.0200	0.0192		mg/Kg		96	70 - 120	1	30
1,3-Dichlorobenzene	0.0200	0.0183		mg/Kg		91	80 - 120	2	30
1,4-Dichlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120	1	30
2-Butanone (MEK)	0.100	0.0701		mg/Kg		70	64 - 128	1	30
2-Hexanone	0.100	0.0827		mg/Kg		83	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0871		mg/Kg		87	80 - 120	0	30
Acetone	0.100	0.0835		mg/Kg		84	58 - 122	0	30
Benzene	0.0200	0.0202		mg/Kg		101	75 - 120	1	30
Bromoform	0.0200	0.0268	*	mg/Kg		134	61 - 125	0	30
Bromomethane	0.0200	0.0164		mg/Kg		82	37 - 150	8	30
Carbon disulfide	0.0200	0.0194		mg/Kg		97	57 - 133	0	30
Carbon tetrachloride	0.0200	0.0225		mg/Kg		112	66 - 127	0	30
Chlorobenzene	0.0200	0.0182		mg/Kg		91	80 - 120	1	30

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1065826/3

Matrix: Solid

Analysis Batch: 1065826

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorobromomethane	0.0200	0.0164		mg/Kg		82	76 - 127	1	30
Chlorodibromomethane	0.0200	0.0245	*	mg/Kg		122	72 - 120	2	30
Chloroethane	0.0200	0.0193		mg/Kg		96	60 - 123	8	30
Chloroform	0.0200	0.0183		mg/Kg		91	79 - 126	0	30
Chloromethane	0.0200	0.0185		mg/Kg		92	46 - 122	12	30
cis-1,2-Dichloroethene	0.0200	0.0171		mg/Kg		85	80 - 123	1	30
cis-1,3-Dichloropropene	0.0200	0.0216		mg/Kg		108	75 - 120	3	30
Cyclohexane	0.0200	0.0193		mg/Kg		96	65 - 132	1	30
Dichlorobromomethane	0.0200	0.0207		mg/Kg		103	77 - 124	2	30
Dichlorodifluoromethane	0.0200	0.0160		mg/Kg		80	45 - 129	6	30
Ethylbenzene	0.0200	0.0183		mg/Kg		92	80 - 120	0	30
Ethylene Dibromide	0.0200	0.0183		mg/Kg		91	79 - 120	1	30
Isopropylbenzene	0.0200	0.0188		mg/Kg		94	74 - 120	0	30
Methyl acetate	0.0400	0.0534	*	mg/Kg		133	57 - 120	3	30
Methyl tert-butyl ether	0.0200	0.0177		mg/Kg		88	74 - 125	1	30
Methylcyclohexane	0.0200	0.0182		mg/Kg		91	66 - 125	1	30
Methylene Chloride	0.0200	0.0184		mg/Kg		92	78 - 120	1	30
m-Xylene & p-Xylene	0.0200	0.0179		mg/Kg		90	80 - 120	0	30
n-Butylbenzene	0.0200	0.0211		mg/Kg		105	72 - 120	3	30
N-Propylbenzene	0.0200	0.0187		mg/Kg		94	68 - 120	1	30
o-Xylene	0.0200	0.0180		mg/Kg		90	80 - 120	1	30
sec-Butylbenzene	0.0200	0.0197		mg/Kg		98	78 - 120	3	30
Styrene	0.0200	0.0170		mg/Kg		85	80 - 120	1	30
tert-Butylbenzene	0.0200	0.0186		mg/Kg		93	80 - 120	0	30
Tetrachloroethene	0.0200	0.0179		mg/Kg		89	73 - 120	1	30
Toluene	0.0200	0.0183		mg/Kg		91	80 - 120	2	30
trans-1,2-Dichloroethene	0.0200	0.0172		mg/Kg		86	78 - 120	1	30
trans-1,3-Dichloropropene	0.0200	0.0201		mg/Kg		100	77 - 120	0	30
Trichloroethene	0.0200	0.0174		mg/Kg		87	80 - 120	0	30
Trichlorofluoromethane	0.0200	0.0164		mg/Kg		82	61 - 130	6	30
Vinyl chloride	0.0200	0.0192		mg/Kg		96	54 - 122	9	30
Xylenes, Total	0.0400	0.0359		mg/Kg		90	80 - 120	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	107		65 - 138
4-Bromofluorobenzene	99		71 - 128
Dibromofluoromethane (Surr)	95		50 - 150
Toluene-d8 (Surr)	104		71 - 126

Lab Sample ID: MB 460-1066155/10

Matrix: Water

Analysis Batch: 1066155

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/06/25 10:28	1
1,1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			10/06/25 10:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/06/25 10:28	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			10/06/25 10:28	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066155/10

Matrix: Water

Analysis Batch: 1066155

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/06/25 10:28	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/06/25 10:28	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/06/25 10:28	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/06/25 10:28	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/06/25 10:28	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			10/06/25 10:28	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/06/25 10:28	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			10/06/25 10:28	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			10/06/25 10:28	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			10/06/25 10:28	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			10/06/25 10:28	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/06/25 10:28	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			10/06/25 10:28	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			10/06/25 10:28	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/06/25 10:28	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/06/25 10:28	1
Acetone	5.0	U	5.0	4.4	ug/L			10/06/25 10:28	1
Benzene	0.45	U	0.45	0.070	ug/L			10/06/25 10:28	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/06/25 10:28	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/06/25 10:28	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/06/25 10:28	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/06/25 10:28	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/06/25 10:28	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/06/25 10:28	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			10/06/25 10:28	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/06/25 10:28	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/06/25 10:28	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/06/25 10:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			10/06/25 10:28	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			10/06/25 10:28	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/06/25 10:28	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			10/06/25 10:28	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/06/25 10:28	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/06/25 10:28	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/06/25 10:28	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/06/25 10:28	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			10/06/25 10:28	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			10/06/25 10:28	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			10/06/25 10:28	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			10/06/25 10:28	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/06/25 10:28	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			10/06/25 10:28	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			10/06/25 10:28	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/06/25 10:28	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			10/06/25 10:28	1
Styrene	1.0	U	1.0	0.42	ug/L			10/06/25 10:28	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			10/06/25 10:28	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			10/06/25 10:28	1
Toluene	1.0	U	1.0	0.38	ug/L			10/06/25 10:28	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066155/10

Matrix: Water

Analysis Batch: 1066155

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/06/25 10:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/06/25 10:28	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			10/06/25 10:28	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			10/06/25 10:28	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			10/06/25 10:28	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			10/06/25 10:28	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/06/25 10:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		70 - 128		10/06/25 10:28	1
4-Bromofluorobenzene	97		76 - 120		10/06/25 10:28	1
Dibromofluoromethane (Surr)	96		77 - 132		10/06/25 10:28	1
Toluene-d8 (Surr)	101		80 - 120		10/06/25 10:28	1

Lab Sample ID: LCS 460-1066155/5

Matrix: Water

Analysis Batch: 1066155

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	16.1		ug/L		80	72 - 128
1,1,2,2-Tetrachloroethane	20.0	19.8		ug/L		99	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.2		ug/L		96	65 - 142
1,1,2-Trichloroethane	20.0	19.4		ug/L		97	74 - 125
1,1-Dichloroethane	20.0	17.6		ug/L		88	73 - 130
1,1-Dichloroethene	20.0	17.6		ug/L		88	68 - 133
1,2,3-Trichlorobenzene	20.0	20.0		ug/L		100	55 - 150
1,2,4-Trichlorobenzene	20.0	19.5		ug/L		97	67 - 132
1,2,4-Trimethylbenzene	20.0	19.5		ug/L		98	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	17.9		ug/L		90	58 - 132
1,2-Dichlorobenzene	20.0	20.1		ug/L		100	80 - 120
1,2-Dichloroethane	20.0	14.9		ug/L		74	66 - 129
1,2-Dichloropropane	20.0	18.1		ug/L		91	72 - 128
1,3,5-Trimethylbenzene	20.0	19.8		ug/L		99	75 - 125
1,3-Dichlorobenzene	20.0	20.4		ug/L		102	80 - 120
1,4-Dichlorobenzene	20.0	19.7		ug/L		98	80 - 120
2-Butanone (MEK)	100	91.6		ug/L		92	65 - 142
2-Hexanone	100	63.0 *		ug/L		63	72 - 134
4-Methyl-2-pentanone (MIBK)	100	86.5		ug/L		87	77 - 130
Acetone	100	83.2		ug/L		83	60 - 133
Benzene	20.0	18.4		ug/L		92	71 - 126
Bromoform	20.0	17.2		ug/L		86	58 - 128
Bromomethane	20.0	22.9		ug/L		114	33 - 150
Carbon disulfide	20.0	17.4		ug/L		87	35 - 150
Carbon tetrachloride	20.0	15.6		ug/L		78	65 - 131
Chlorobenzene	20.0	18.8		ug/L		94	80 - 120
Chlorobromomethane	20.0	18.5		ug/L		93	71 - 134
Chlorodibromomethane	20.0	18.4		ug/L		92	73 - 121
Chloroethane	20.0	20.0		ug/L		100	54 - 150

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066155/5

Matrix: Water

Analysis Batch: 1066155

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	20.0	17.0		ug/L		85	78 - 125
Chloromethane	20.0	18.6		ug/L		93	43 - 149
cis-1,2-Dichloroethene	20.0	18.3		ug/L		91	78 - 121
cis-1,3-Dichloropropene	20.0	18.7		ug/L		93	74 - 125
Cyclohexane	20.0	19.2		ug/L		96	64 - 142
Dichlorobromomethane	20.0	16.6		ug/L		83	76 - 121
Dichlorodifluoromethane	20.0	22.2		ug/L		111	38 - 144
Ethylbenzene	20.0	18.9		ug/L		95	78 - 120
Ethylene Dibromide	20.0	17.5		ug/L		87	79 - 126
Isopropylbenzene	20.0	19.3		ug/L		97	79 - 125
Methyl acetate	40.0	32.0		ug/L		80	50 - 147
Methyl tert-butyl ether	20.0	16.5		ug/L		83	72 - 131
Methylcyclohexane	20.0	19.7		ug/L		99	63 - 138
Methylene Chloride	20.0	18.1		ug/L		91	74 - 127
m-Xylene & p-Xylene	20.0	19.6		ug/L		98	78 - 120
n-Butylbenzene	20.0	19.0		ug/L		95	69 - 135
N-Propylbenzene	20.0	19.8		ug/L		99	68 - 129
o-Xylene	20.0	19.0		ug/L		95	78 - 120
sec-Butylbenzene	20.0	19.8		ug/L		99	77 - 129
Styrene	20.0	18.8		ug/L		94	82 - 127
tert-Butylbenzene	20.0	19.5		ug/L		97	78 - 120
Tetrachloroethene	20.0	18.5		ug/L		93	70 - 127
Toluene	20.0	18.9		ug/L		94	78 - 120
trans-1,2-Dichloroethene	20.0	18.2		ug/L		91	70 - 126
trans-1,3-Dichloropropene	20.0	18.0		ug/L		90	71 - 127
Trichloroethene	20.0	18.0		ug/L		90	73 - 121
Trichlorofluoromethane	20.0	18.3		ug/L		91	62 - 134
Vinyl chloride	20.0	19.6		ug/L		98	55 - 144
Xylenes, Total	40.0	38.6		ug/L		97	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 128
4-Bromofluorobenzene	101		76 - 120
Dibromofluoromethane (Surr)	96		77 - 132
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: LCSD 460-1066155/6

Matrix: Water

Analysis Batch: 1066155

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	16.0		ug/L		80	72 - 128	0	30
1,1,2,2-Tetrachloroethane	20.0	18.9		ug/L		95	63 - 139	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.4		ug/L		97	65 - 142	1	30
1,1,2-Trichloroethane	20.0	19.1		ug/L		95	74 - 125	2	30
1,1-Dichloroethane	20.0	17.7		ug/L		89	73 - 130	1	30
1,1-Dichloroethene	20.0	17.8		ug/L		89	68 - 133	1	30
1,2,3-Trichlorobenzene	20.0	19.6		ug/L		98	55 - 150	2	30

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066155/6

Matrix: Water

Analysis Batch: 1066155

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	20.0	20.7		ug/L		103	67 - 132	6	30
1,2,4-Trimethylbenzene	20.0	19.6		ug/L		98	75 - 125	0	30
1,2-Dibromo-3-Chloropropane	20.0	18.7		ug/L		93	58 - 132	4	30
1,2-Dichlorobenzene	20.0	19.7		ug/L		98	80 - 120	2	30
1,2-Dichloroethane	20.0	14.9		ug/L		74	66 - 129	0	30
1,2-Dichloropropane	20.0	18.9		ug/L		94	72 - 128	4	30
1,3,5-Trimethylbenzene	20.0	19.6		ug/L		98	75 - 125	1	30
1,3-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120	1	30
1,4-Dichlorobenzene	20.0	19.9		ug/L		100	80 - 120	1	30
2-Butanone (MEK)	100	98.8		ug/L		99	65 - 142	8	30
2-Hexanone	100	66.6 *		ug/L		67	72 - 134	6	30
4-Methyl-2-pentanone (MIBK)	100	90.0		ug/L		90	77 - 130	4	30
Acetone	100	79.9		ug/L		80	60 - 133	4	30
Benzene	20.0	18.6		ug/L		93	71 - 126	1	30
Bromoform	20.0	17.3		ug/L		87	58 - 128	0	30
Bromomethane	20.0	23.1		ug/L		115	33 - 150	1	30
Carbon disulfide	20.0	17.4		ug/L		87	35 - 150	0	30
Carbon tetrachloride	20.0	15.7		ug/L		79	65 - 131	1	30
Chlorobenzene	20.0	18.8		ug/L		94	80 - 120	0	30
Chlorobromomethane	20.0	18.9		ug/L		95	71 - 134	2	30
Chlorodibromomethane	20.0	18.4		ug/L		92	73 - 121	0	30
Chloroethane	20.0	19.6		ug/L		98	54 - 150	2	30
Chloroform	20.0	17.1		ug/L		85	78 - 125	0	30
Chloromethane	20.0	18.3		ug/L		91	43 - 149	2	30
cis-1,2-Dichloroethene	20.0	18.4		ug/L		92	78 - 121	1	30
cis-1,3-Dichloropropene	20.0	19.0		ug/L		95	74 - 125	2	30
Cyclohexane	20.0	19.2		ug/L		96	64 - 142	0	30
Dichlorobromomethane	20.0	16.8		ug/L		84	76 - 121	2	30
Dichlorodifluoromethane	20.0	21.9		ug/L		109	38 - 144	1	30
Ethylbenzene	20.0	18.9		ug/L		95	78 - 120	0	30
Ethylene Dibromide	20.0	17.8		ug/L		89	79 - 126	2	30
Isopropylbenzene	20.0	19.4		ug/L		97	79 - 125	0	30
Methyl acetate	40.0	33.4		ug/L		83	50 - 147	4	30
Methyl tert-butyl ether	20.0	16.8		ug/L		84	72 - 131	1	30
Methylcyclohexane	20.0	19.5		ug/L		98	63 - 138	1	30
Methylene Chloride	20.0	18.6		ug/L		93	74 - 127	3	30
m-Xylene & p-Xylene	20.0	19.4		ug/L		97	78 - 120	1	30
n-Butylbenzene	20.0	18.9		ug/L		95	69 - 135	0	30
N-Propylbenzene	20.0	19.6		ug/L		98	68 - 129	1	30
o-Xylene	20.0	19.7		ug/L		98	78 - 120	3	30
sec-Butylbenzene	20.0	19.7		ug/L		98	77 - 129	1	30
Styrene	20.0	18.7		ug/L		93	82 - 127	1	30
tert-Butylbenzene	20.0	19.4		ug/L		97	78 - 120	0	30
Tetrachloroethene	20.0	18.7		ug/L		94	70 - 127	1	30
Toluene	20.0	19.2		ug/L		96	78 - 120	1	30
trans-1,2-Dichloroethene	20.0	18.9		ug/L		94	70 - 126	4	30
trans-1,3-Dichloropropene	20.0	18.4		ug/L		92	71 - 127	2	30
Trichloroethene	20.0	18.1		ug/L		90	73 - 121	0	30
Trichlorofluoromethane	20.0	18.8		ug/L		94	62 - 134	3	30

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066155/6

Matrix: Water

Analysis Batch: 1066155

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Vinyl chloride	20.0	19.7		ug/L		99	55 - 144	1	30
Xylenes, Total	40.0	39.1		ug/L		98	80 - 120	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 128
4-Bromofluorobenzene	100		76 - 120
Dibromofluoromethane (Surr)	96		77 - 132
Toluene-d8 (Surr)	101		80 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1064934/1-A

Matrix: Solid

Analysis Batch: 1064969

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1064934

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		09/30/25 22:25	10/01/25 07:18	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1064934/1-A

Matrix: Solid

Analysis Batch: 1064969

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1064934

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	0.13	U	0.13	0.019	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Phenol	0.33	U	0.33	0.012	mg/Kg		09/30/25 22:25	10/01/25 07:18	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		09/30/25 22:25	10/01/25 07:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	66		18 - 137	09/30/25 22:25	10/01/25 07:18	1
2-Fluorobiphenyl	61		33 - 117	09/30/25 22:25	10/01/25 07:18	1
2-Fluorophenol (Surr)	63		24 - 120	09/30/25 22:25	10/01/25 07:18	1
Nitrobenzene-d5 (Surr)	63		27 - 120	09/30/25 22:25	10/01/25 07:18	1
Phenol-d5 (Surr)	63		28 - 118	09/30/25 22:25	10/01/25 07:18	1
Terphenyl-d14 (Surr)	75		33 - 124	09/30/25 22:25	10/01/25 07:18	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1064934/2-A

Matrix: Solid

Analysis Batch: 1064969

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1064934

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.66		mg/Kg		80	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.65		mg/Kg		79	60 - 120
1,4-Dioxane	3.33	2.46		mg/Kg		74	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.99		mg/Kg		90	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.71		mg/Kg		81	62 - 120
2,4,5-Trichlorophenol	3.33	2.78		mg/Kg		83	64 - 120
2,4,6-Trichlorophenol	3.33	2.75		mg/Kg		82	65 - 120
2,4-Dichlorophenol	3.33	2.91		mg/Kg		87	66 - 120
2,4-Dimethylphenol	3.33	2.88		mg/Kg		86	75 - 136
2,4-Dinitrophenol	6.67	6.18		mg/Kg		93	41 - 120
2,4-Dinitrotoluene	3.33	3.04		mg/Kg		91	65 - 124
2,6-Dinitrotoluene	3.33	3.09		mg/Kg		93	67 - 121
2-Chloronaphthalene	3.33	2.70		mg/Kg		81	64 - 120
2-Chlorophenol	3.33	2.89		mg/Kg		87	63 - 120
2-Methylnaphthalene	3.33	2.88		mg/Kg		86	56 - 102
2-Methylphenol	3.33	2.89		mg/Kg		87	63 - 120
2-Nitroaniline	3.33	2.80		mg/Kg		84	52 - 120
2-Nitrophenol	3.33	3.17		mg/Kg		95	64 - 120
3 & 4 Methylphenol	3.33	2.93		mg/Kg		88	61 - 120
3,3'-Dichlorobenzidine	3.33	2.31		mg/Kg		69	10 - 106
3-Nitroaniline	3.33	2.60		mg/Kg		78	18 - 105
4,6-Dinitro-2-methylphenol	6.67	6.11		mg/Kg		92	61 - 127
4-Bromophenyl phenyl ether	3.33	2.92		mg/Kg		88	64 - 120
4-Chloro-3-methylphenol	3.33	2.89		mg/Kg		87	68 - 120
4-Chloroaniline	3.33	2.35		mg/Kg		70	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.72		mg/Kg		82	62 - 120
4-Methylphenol	3.33	2.93		mg/Kg		88	61 - 120
4-Nitroaniline	3.33	2.46		mg/Kg		74	51 - 112
4-Nitrophenol	6.67	5.12		mg/Kg		77	52 - 122
Acenaphthene	3.33	2.59		mg/Kg		78	65 - 120
Acenaphthylene	3.33	2.71		mg/Kg		81	68 - 120
Acetophenone	3.33	2.80		mg/Kg		84	61 - 111
Anthracene	3.33	2.79		mg/Kg		84	67 - 120
Atrazine	1.33	1.84		mg/Kg		138	52 - 150
Benzaldehyde	1.33	1.53		mg/Kg		115	45 - 150
Benzo[a]anthracene	3.33	2.78		mg/Kg		83	66 - 120
Benzo[a]pyrene	3.33	2.81		mg/Kg		84	69 - 123
Benzo[b]fluoranthene	3.33	2.80		mg/Kg		84	66 - 125
Benzo[g,h,i]perylene	3.33	2.92		mg/Kg		88	66 - 138
Benzo[k]fluoranthene	3.33	2.69		mg/Kg		81	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.92		mg/Kg		87	62 - 120
Bis(2-chloroethyl)ether	3.33	2.93		mg/Kg		88	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.97		mg/Kg		89	64 - 125
Butyl benzyl phthalate	3.33	3.24		mg/Kg		97	62 - 127
Caprolactam	1.33	1.87		mg/Kg		140	46 - 150
Carbazole	3.33	2.74		mg/Kg		82	64 - 120
Chrysene	3.33	2.82		mg/Kg		85	67 - 120
Dibenz(a,h)anthracene	3.33	3.19		mg/Kg		96	66 - 128

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1064934/2-A

Matrix: Solid

Analysis Batch: 1064969

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1064934

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibenzofuran	3.33	2.67		mg/Kg		80	61 - 120
Diethyl phthalate	3.33	2.63		mg/Kg		79	63 - 120
Dimethyl phthalate	3.33	2.71		mg/Kg		81	65 - 120
Di-n-butyl phthalate	3.33	3.05		mg/Kg		91	61 - 120
Di-n-octyl phthalate	3.33	2.90		mg/Kg		87	61 - 123
Fluoranthene	3.33	2.65		mg/Kg		80	61 - 120
Fluorene	3.33	2.64		mg/Kg		79	64 - 120
Hexachlorobenzene	3.33	2.82		mg/Kg		85	66 - 120
Hexachlorobutadiene	3.33	2.77		mg/Kg		83	62 - 120
Hexachlorocyclopentadiene	3.33	2.55		mg/Kg		77	32 - 150
Hexachloroethane	3.33	2.79		mg/Kg		84	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	3.13		mg/Kg		94	63 - 137
Isophorone	3.33	2.91		mg/Kg		87	61 - 120
Naphthalene	3.33	2.76		mg/Kg		83	63 - 113
Nitrobenzene	3.33	2.89		mg/Kg		87	63 - 120
N-Nitrosodi-n-propylamine	3.33	2.91		mg/Kg		87	60 - 120
N-Nitrosodiphenylamine	3.33	2.86		mg/Kg		86	63 - 120
Pentachlorophenol	6.67	5.54		mg/Kg		83	61 - 126
Phenanthrene	3.33	2.81		mg/Kg		84	66 - 120
Phenol	3.33	2.94		mg/Kg		88	63 - 120
Pyrene	3.33	2.91		mg/Kg		87	61 - 121

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	78		18 - 137
2-Fluorobiphenyl	76		33 - 117
2-Fluorophenol (Surr)	80		24 - 120
Nitrobenzene-d5 (Surr)	81		27 - 120
Phenol-d5 (Surr)	81		28 - 118
Terphenyl-d14 (Surr)	82		33 - 124

Lab Sample ID: LCSD 460-1064934/3-A

Matrix: Solid

Analysis Batch: 1064969

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1064934

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	3.33	2.64		mg/Kg		79	64 - 120	1	30
1,2,4,5-Tetrachlorobenzene	3.33	2.65		mg/Kg		79	60 - 120	0	30
1,4-Dioxane	3.33	2.49		mg/Kg		75	31 - 105	1	30
2,2'-oxybis[1-chloropropane]	3.33	3.04		mg/Kg		91	50 - 126	2	30
2,3,4,6-Tetrachlorophenol	3.33	2.69		mg/Kg		81	62 - 120	1	30
2,4,5-Trichlorophenol	3.33	2.78		mg/Kg		83	64 - 120	0	30
2,4,6-Trichlorophenol	3.33	2.77		mg/Kg		83	65 - 120	1	30
2,4-Dichlorophenol	3.33	2.92		mg/Kg		88	66 - 120	0	30
2,4-Dimethylphenol	3.33	2.89		mg/Kg		87	75 - 136	0	30
2,4-Dinitrophenol	6.67	6.25		mg/Kg		94	41 - 120	1	30
2,4-Dinitrotoluene	3.33	3.05		mg/Kg		92	65 - 124	0	30
2,6-Dinitrotoluene	3.33	3.07		mg/Kg		92	67 - 121	0	30
2-Chloronaphthalene	3.33	2.68		mg/Kg		80	64 - 120	1	30

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1064934/3-A

Matrix: Solid

Analysis Batch: 1064969

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1064934

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Chlorophenol	3.33	2.90		mg/Kg		87	63 - 120	0	30
2-Methylnaphthalene	3.33	2.87		mg/Kg		86	56 - 102	0	30
2-Methylphenol	3.33	2.95		mg/Kg		88	63 - 120	2	30
2-Nitroaniline	3.33	2.81		mg/Kg		84	52 - 120	0	30
2-Nitrophenol	3.33	3.18		mg/Kg		96	64 - 120	0	30
3 & 4 Methylphenol	3.33	2.95		mg/Kg		88	61 - 120	1	30
3,3'-Dichlorobenzidine	3.33	2.34		mg/Kg		70	10 - 106	2	30
3-Nitroaniline	3.33	2.58		mg/Kg		78	18 - 105	1	30
4,6-Dinitro-2-methylphenol	6.67	6.12		mg/Kg		92	61 - 127	0	30
4-Bromophenyl phenyl ether	3.33	2.96		mg/Kg		89	64 - 120	1	30
4-Chloro-3-methylphenol	3.33	2.90		mg/Kg		87	68 - 120	0	30
4-Chloroaniline	3.33	2.35		mg/Kg		70	10 - 107	0	30
4-Chlorophenyl phenyl ether	3.33	2.72		mg/Kg		81	62 - 120	0	30
4-Methylphenol	3.33	2.95		mg/Kg		88	61 - 120	1	30
4-Nitroaniline	3.33	2.53		mg/Kg		76	51 - 112	3	30
4-Nitrophenol	6.67	5.14		mg/Kg		77	52 - 122	0	30
Acenaphthene	3.33	2.60		mg/Kg		78	65 - 120	0	30
Acenaphthylene	3.33	2.73		mg/Kg		82	68 - 120	1	30
Acetophenone	3.33	2.85		mg/Kg		86	61 - 111	2	30
Anthracene	3.33	2.81		mg/Kg		84	67 - 120	1	30
Atrazine	1.33	1.81		mg/Kg		136	52 - 150	1	30
Benzaldehyde	1.33	1.54		mg/Kg		116	45 - 150	0	30
Benzo[a]anthracene	3.33	2.80		mg/Kg		84	66 - 120	1	30
Benzo[a]pyrene	3.33	2.82		mg/Kg		85	69 - 123	1	30
Benzo[b]fluoranthene	3.33	2.79		mg/Kg		84	66 - 125	0	30
Benzo[g,h,i]perylene	3.33	2.92		mg/Kg		88	66 - 138	0	30
Benzo[k]fluoranthene	3.33	2.74		mg/Kg		82	67 - 122	2	30
Bis(2-chloroethoxy)methane	3.33	2.90		mg/Kg		87	62 - 120	1	30
Bis(2-chloroethyl)ether	3.33	2.97		mg/Kg		89	60 - 120	1	30
Bis(2-ethylhexyl) phthalate	3.33	3.03		mg/Kg		91	64 - 125	2	30
Butyl benzyl phthalate	3.33	3.28		mg/Kg		98	62 - 127	1	30
Caprolactam	1.33	1.84		mg/Kg		138	46 - 150	1	30
Carbazole	3.33	2.76		mg/Kg		83	64 - 120	1	30
Chrysene	3.33	2.84		mg/Kg		85	67 - 120	1	30
Dibenz(a,h)anthracene	3.33	3.18		mg/Kg		95	66 - 128	0	30
Dibenzofuran	3.33	2.67		mg/Kg		80	61 - 120	0	30
Diethyl phthalate	3.33	2.68		mg/Kg		80	63 - 120	2	30
Dimethyl phthalate	3.33	2.72		mg/Kg		82	65 - 120	0	30
Di-n-butyl phthalate	3.33	3.08		mg/Kg		93	61 - 120	1	30
Di-n-octyl phthalate	3.33	2.94		mg/Kg		88	61 - 123	1	30
Fluoranthene	3.33	2.68		mg/Kg		80	61 - 120	1	30
Fluorene	3.33	2.67		mg/Kg		80	64 - 120	1	30
Hexachlorobenzene	3.33	2.88		mg/Kg		86	66 - 120	2	30
Hexachlorobutadiene	3.33	2.70		mg/Kg		81	62 - 120	2	30
Hexachlorocyclopentadiene	3.33	2.55		mg/Kg		76	32 - 150	0	30
Hexachloroethane	3.33	2.86		mg/Kg		86	61 - 112	2	30
Indeno[1,2,3-cd]pyrene	3.33	3.10		mg/Kg		93	63 - 137	1	30
Isophorone	3.33	2.92		mg/Kg		87	61 - 120	0	30
Naphthalene	3.33	2.73		mg/Kg		82	63 - 113	1	30

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1064934/3-A

Matrix: Solid

Analysis Batch: 1064969

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1064934

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrobenzene	3.33	2.92		mg/Kg		88	63 - 120	1	30
N-Nitrosodi-n-propylamine	3.33	2.95		mg/Kg		89	60 - 120	1	30
N-Nitrosodiphenylamine	3.33	2.89		mg/Kg		87	63 - 120	1	30
Pentachlorophenol	6.67	5.55		mg/Kg		83	61 - 126	0	30
Phenanthrene	3.33	2.81		mg/Kg		84	66 - 120	0	30
Phenol	3.33	2.93		mg/Kg		88	63 - 120	0	30
Pyrene	3.33	2.97		mg/Kg		89	61 - 121	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	78		18 - 137
2-Fluorobiphenyl	76		33 - 117
2-Fluorophenol (Surr)	81		24 - 120
Nitrobenzene-d5 (Surr)	80		27 - 120
Phenol-d5 (Surr)	82		28 - 118
Terphenyl-d14 (Surr)	83		33 - 124

Lab Sample ID: 460-335975-A-1-C MS

Matrix: Solid

Analysis Batch: 1064969

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 1064934

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.35	U	3.52	2.27		mg/Kg	✱	64	64 - 120
1,2,4,5-Tetrachlorobenzene	0.35	U	3.52	2.28		mg/Kg	✱	65	60 - 120
1,4-Dioxane	0.035	U	3.52	1.91		mg/Kg	✱	54	31 - 105
2,2'-oxybis[1-chloropropane]	0.35	U	3.52	2.50		mg/Kg	✱	71	50 - 126
2,3,4,6-Tetrachlorophenol	0.35	U	3.52	2.26		mg/Kg	✱	64	62 - 120
2,4,5-Trichlorophenol	0.35	U	3.52	2.36		mg/Kg	✱	67	64 - 120
2,4,6-Trichlorophenol	0.14	U	3.52	2.31		mg/Kg	✱	66	65 - 120
2,4-Dichlorophenol	0.14	U	3.52	2.49		mg/Kg	✱	71	66 - 120
2,4-Dimethylphenol	0.35	U	3.52	2.46	*	mg/Kg	✱	70	75 - 136
2,4-Dinitrophenol	0.28	U	7.03	4.99		mg/Kg	✱	71	41 - 120
2,4-Dinitrotoluene	0.071	U	3.52	2.52		mg/Kg	✱	72	65 - 124
2,6-Dinitrotoluene	0.071	U	3.52	2.61		mg/Kg	✱	74	67 - 121
2-Chloronaphthalene	0.35	U	3.52	2.31		mg/Kg	✱	66	64 - 120
2-Chlorophenol	0.35	U	3.52	2.43		mg/Kg	✱	69	63 - 120
2-Methylnaphthalene	0.35	U	3.52	2.42		mg/Kg	✱	69	56 - 102
2-Methylphenol	0.35	U	3.52	2.45		mg/Kg	✱	70	63 - 120
2-Nitroaniline	0.35	U	3.52	2.37		mg/Kg	✱	68	52 - 120
2-Nitrophenol	0.35	U	3.52	2.69		mg/Kg	✱	76	64 - 120
3 & 4 Methylphenol	0.35	U	3.52	2.47		mg/Kg	✱	70	61 - 120
3,3'-Dichlorobenzidine	0.14	U	3.52	1.42		mg/Kg	✱	40	10 - 106
3-Nitroaniline	0.35	U	3.52	1.84		mg/Kg	✱	52	18 - 105
4,6-Dinitro-2-methylphenol	0.28	U	7.03	5.14		mg/Kg	✱	73	61 - 127
4-Bromophenyl phenyl ether	0.35	U	3.52	2.53		mg/Kg	✱	72	64 - 120
4-Chloro-3-methylphenol	0.35	U	3.52	2.42		mg/Kg	✱	69	68 - 120
4-Chloroaniline	0.35	U	3.52	1.22		mg/Kg	✱	35	10 - 107
4-Chlorophenyl phenyl ether	0.35	U	3.52	2.31		mg/Kg	✱	66	62 - 120
4-Methylphenol	0.35	U	3.52	2.47		mg/Kg	✱	70	61 - 120

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-335975-A-1-C MS

Matrix: Solid

Analysis Batch: 1064969

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 1064934

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4-Nitroaniline	0.35	U	3.52	2.04		mg/Kg	✱	58	51 - 112
4-Nitrophenol	0.71	U	7.03	4.22		mg/Kg	✱	60	52 - 122
Acenaphthene	0.35	U	3.52	2.19	*	mg/Kg	✱	62	65 - 120
Acenaphthylene	0.35	U	3.52	2.35	*	mg/Kg	✱	67	68 - 120
Acetophenone	0.35	U	3.52	2.35		mg/Kg	✱	67	61 - 111
Anthracene	0.35	U	3.52	2.43		mg/Kg	✱	69	67 - 120
Atrazine	0.14	U	1.41	1.19		mg/Kg	✱	85	52 - 150
Benzaldehyde	0.35	U	1.41	1.19	E	mg/Kg	✱	85	45 - 150
Benzo[a]anthracene	0.035	U	3.52	2.35		mg/Kg	✱	67	66 - 120
Benzo[a]pyrene	0.035	U	3.52	2.40	*	mg/Kg	✱	68	69 - 123
Benzo[b]fluoranthene	0.035	U	3.52	2.39		mg/Kg	✱	68	66 - 125
Benzo[g,h,i]perylene	0.35	U	3.52	2.43		mg/Kg	✱	69	66 - 138
Benzo[k]fluoranthene	0.035	U	3.52	2.34		mg/Kg	✱	67	67 - 122
Bis(2-chloroethoxy)methane	0.35	U	3.52	2.42		mg/Kg	✱	69	62 - 120
Bis(2-chloroethyl)ether	0.035	U	3.52	2.43		mg/Kg	✱	69	60 - 120
Bis(2-ethylhexyl) phthalate	0.35	U	3.52	2.53		mg/Kg	✱	72	64 - 125
Butyl benzyl phthalate	0.35	U	3.52	2.74		mg/Kg	✱	78	62 - 127
Caprolactam	0.35	U	1.41	1.16		mg/Kg	✱	82	46 - 150
Carbazole	0.35	U	3.52	2.33		mg/Kg	✱	66	64 - 120
Chrysene	0.35	U	3.52	2.41		mg/Kg	✱	68	67 - 120
Dibenz(a,h)anthracene	0.035	U	3.52	2.64		mg/Kg	✱	75	66 - 128
Dibenzofuran	0.35	U	3.52	2.27		mg/Kg	✱	65	61 - 120
Diethyl phthalate	0.35	U	3.52	2.24		mg/Kg	✱	64	63 - 120
Dimethyl phthalate	0.35	U	3.52	2.32		mg/Kg	✱	66	65 - 120
Di-n-butyl phthalate	0.35	U	3.52	2.62		mg/Kg	✱	74	61 - 120
Di-n-octyl phthalate	0.35	U	3.52	2.56		mg/Kg	✱	73	61 - 123
Fluoranthene	0.35	U	3.52	2.27		mg/Kg	✱	64	61 - 120
Fluorene	0.35	U	3.52	2.25		mg/Kg	✱	64	64 - 120
Hexachlorobenzene	0.035	U	3.52	2.45		mg/Kg	✱	70	66 - 120
Hexachlorobutadiene	0.071	U	3.52	2.32		mg/Kg	✱	66	62 - 120
Hexachlorocyclopentadiene	0.35	U	3.52	2.20		mg/Kg	✱	63	32 - 150
Hexachloroethane	0.035	U	3.52	2.32		mg/Kg	✱	66	61 - 112
Indeno[1,2,3-cd]pyrene	0.035	U	3.52	2.59		mg/Kg	✱	74	63 - 137
Isophorone	0.14	U	3.52	2.45		mg/Kg	✱	70	61 - 120
Naphthalene	0.35	U	3.52	2.33		mg/Kg	✱	66	63 - 113
Nitrobenzene	0.035	U	3.52	2.47		mg/Kg	✱	70	63 - 120
N-Nitrosodi-n-propylamine	0.035	U	3.52	2.48		mg/Kg	✱	70	60 - 120
N-Nitrosodiphenylamine	0.35	U	3.52	2.49		mg/Kg	✱	71	63 - 120
Pentachlorophenol	0.28	U	7.03	4.71		mg/Kg	✱	67	61 - 126
Phenanthrene	0.35	U	3.52	2.44		mg/Kg	✱	69	66 - 120
Phenol	0.35	U	3.52	2.45		mg/Kg	✱	70	63 - 120
Pyrene	0.35	U	3.52	2.60		mg/Kg	✱	74	61 - 121

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	56		18 - 137
2-Fluorobiphenyl	58		33 - 117
2-Fluorophenol (Surr)	60		24 - 120
Nitrobenzene-d5 (Surr)	60		27 - 120

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-335975-A-1-C MS

Matrix: Solid

Analysis Batch: 1064969

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 1064934

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Phenol-d5 (Surr)	61		28 - 118
Terphenyl-d14 (Surr)	63		33 - 124

Lab Sample ID: 460-335975-A-1-D MSD

Matrix: Solid

Analysis Batch: 1064969

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 1064934

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.35	U	3.52	2.32		mg/Kg	✱	66	64 - 120	2	30
1,2,4,5-Tetrachlorobenzene	0.35	U	3.52	2.29		mg/Kg	✱	65	60 - 120	1	30
1,4-Dioxane	0.035	U	3.52	2.02		mg/Kg	✱	57	31 - 105	6	30
2,2'-oxybis[1-chloropropane]	0.35	U	3.52	2.62		mg/Kg	✱	75	50 - 126	5	30
2,3,4,6-Tetrachlorophenol	0.35	U	3.52	2.29		mg/Kg	✱	65	62 - 120	1	30
2,4,5-Trichlorophenol	0.35	U	3.52	2.40		mg/Kg	✱	68	64 - 120	2	30
2,4,6-Trichlorophenol	0.14	U	3.52	2.36		mg/Kg	✱	67	65 - 120	2	30
2,4-Dichlorophenol	0.14	U	3.52	2.51		mg/Kg	✱	71	66 - 120	1	30
2,4-Dimethylphenol	0.35	U	3.52	2.49	*	mg/Kg	✱	71	75 - 136	1	30
2,4-Dinitrophenol	0.28	U	7.04	5.07		mg/Kg	✱	72	41 - 120	2	30
2,4-Dinitrotoluene	0.071	U	3.52	2.58		mg/Kg	✱	73	65 - 124	2	30
2,6-Dinitrotoluene	0.071	U	3.52	2.65		mg/Kg	✱	75	67 - 121	2	30
2-Chloronaphthalene	0.35	U	3.52	2.32		mg/Kg	✱	66	64 - 120	1	30
2-Chlorophenol	0.35	U	3.52	2.53		mg/Kg	✱	72	63 - 120	4	30
2-Methylnaphthalene	0.35	U	3.52	2.46		mg/Kg	✱	70	56 - 102	2	30
2-Methylphenol	0.35	U	3.52	2.56		mg/Kg	✱	73	63 - 120	4	30
2-Nitroaniline	0.35	U	3.52	2.35		mg/Kg	✱	67	52 - 120	1	30
2-Nitrophenol	0.35	U	3.52	2.68		mg/Kg	✱	76	64 - 120	0	30
3 & 4 Methylphenol	0.35	U	3.52	2.59		mg/Kg	✱	74	61 - 120	5	30
3,3'-Dichlorobenzidine	0.14	U	3.52	1.46		mg/Kg	✱	41	10 - 106	3	30
3-Nitroaniline	0.35	U	3.52	1.84		mg/Kg	✱	52	18 - 105	0	30
4,6-Dinitro-2-methylphenol	0.28	U	7.04	5.13		mg/Kg	✱	73	61 - 127	0	30
4-Bromophenyl phenyl ether	0.35	U	3.52	2.52		mg/Kg	✱	72	64 - 120	0	30
4-Chloro-3-methylphenol	0.35	U	3.52	2.46		mg/Kg	✱	70	68 - 120	2	30
4-Chloroaniline	0.35	U	3.52	1.25		mg/Kg	✱	36	10 - 107	3	30
4-Chlorophenyl phenyl ether	0.35	U	3.52	2.30		mg/Kg	✱	65	62 - 120	0	30
4-Methylphenol	0.35	U	3.52	2.59		mg/Kg	✱	74	61 - 120	5	30
4-Nitroaniline	0.35	U	3.52	1.85		mg/Kg	✱	53	51 - 112	10	30
4-Nitrophenol	0.71	U	7.04	4.26		mg/Kg	✱	60	52 - 122	1	30
Acenaphthene	0.35	U	3.52	2.22	*	mg/Kg	✱	63	65 - 120	1	30
Acenaphthylene	0.35	U	3.52	2.35	*	mg/Kg	✱	67	68 - 120	0	30
Acetophenone	0.35	U	3.52	2.47		mg/Kg	✱	70	61 - 111	5	30
Anthracene	0.35	U	3.52	2.42		mg/Kg	✱	69	67 - 120	0	30
Atrazine	0.14	U	1.41	1.27		mg/Kg	✱	90	52 - 150	6	30
Benzaldehyde	0.35	U	1.41	1.32	E	mg/Kg	✱	94	45 - 150	11	30
Benzo[a]anthracene	0.035	U	3.52	2.38		mg/Kg	✱	68	66 - 120	1	30
Benzo[a]pyrene	0.035	U	3.52	2.44		mg/Kg	✱	69	69 - 123	2	30
Benzo[b]fluoranthene	0.035	U	3.52	2.44		mg/Kg	✱	69	66 - 125	2	30
Benzo[g,h,i]perylene	0.35	U	3.52	2.50		mg/Kg	✱	71	66 - 138	3	30
Benzo[k]fluoranthene	0.035	U	3.52	2.39		mg/Kg	✱	68	67 - 122	2	30

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-335975-A-1-D MSD

Matrix: Solid

Analysis Batch: 1064969

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 1064934

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane	0.35	U	3.52	2.46		mg/Kg	✖	70	62 - 120	1	30
Bis(2-chloroethyl)ether	0.035	U	3.52	2.50		mg/Kg	✖	71	60 - 120	3	30
Bis(2-ethylhexyl) phthalate	0.35	U	3.52	2.54		mg/Kg	✖	72	64 - 125	0	30
Butyl benzyl phthalate	0.35	U	3.52	2.82		mg/Kg	✖	80	62 - 127	3	30
Caprolactam	0.35	U	1.41	1.35		mg/Kg	✖	96	46 - 150	16	30
Carbazole	0.35	U	3.52	2.37		mg/Kg	✖	67	64 - 120	2	30
Chrysene	0.35	U	3.52	2.44		mg/Kg	✖	69	67 - 120	2	30
Dibenz(a,h)anthracene	0.035	U	3.52	2.68		mg/Kg	✖	76	66 - 128	2	30
Dibenzofuran	0.35	U	3.52	2.30		mg/Kg	✖	65	61 - 120	1	30
Diethyl phthalate	0.35	U	3.52	2.26		mg/Kg	✖	64	63 - 120	1	30
Dimethyl phthalate	0.35	U	3.52	2.35		mg/Kg	✖	67	65 - 120	1	30
Di-n-butyl phthalate	0.35	U	3.52	2.63		mg/Kg	✖	75	61 - 120	0	30
Di-n-octyl phthalate	0.35	U	3.52	2.59		mg/Kg	✖	74	61 - 123	1	30
Fluoranthene	0.35	U	3.52	2.27		mg/Kg	✖	64	61 - 120	0	30
Fluorene	0.35	U	3.52	2.29		mg/Kg	✖	65	64 - 120	2	30
Hexachlorobenzene	0.035	U	3.52	2.44		mg/Kg	✖	69	66 - 120	0	30
Hexachlorobutadiene	0.071	U	3.52	2.34		mg/Kg	✖	66	62 - 120	1	30
Hexachlorocyclopentadiene	0.35	U	3.52	2.24		mg/Kg	✖	64	32 - 150	2	30
Hexachloroethane	0.035	U	3.52	2.45		mg/Kg	✖	69	61 - 112	5	30
Indeno[1,2,3-cd]pyrene	0.035	U	3.52	2.62		mg/Kg	✖	74	63 - 137	1	30
Isophorone	0.14	U	3.52	2.50		mg/Kg	✖	71	61 - 120	2	30
Naphthalene	0.35	U	3.52	2.37		mg/Kg	✖	67	63 - 113	2	30
Nitrobenzene	0.035	U	3.52	2.60		mg/Kg	✖	74	63 - 120	5	30
N-Nitrosodi-n-propylamine	0.035	U	3.52	2.56		mg/Kg	✖	73	60 - 120	3	30
N-Nitrosodiphenylamine	0.35	U	3.52	2.48		mg/Kg	✖	70	63 - 120	0	30
Pentachlorophenol	0.28	U	7.04	4.72		mg/Kg	✖	67	61 - 126	0	30
Phenanthrene	0.35	U	3.52	2.43		mg/Kg	✖	69	66 - 120	0	30
Phenol	0.35	U	3.52	2.55		mg/Kg	✖	72	63 - 120	4	30
Pyrene	0.35	U	3.52	2.61		mg/Kg	✖	74	61 - 121	0	30

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
2,4,6-Tribromophenol (Surr)	57		18 - 137
2-Fluorobiphenyl	59		33 - 117
2-Fluorophenol (Surr)	63		24 - 120
Nitrobenzene-d5 (Surr)	62		27 - 120
Phenol-d5 (Surr)	64		28 - 118
Terphenyl-d14 (Surr)	65		33 - 124

Lab Sample ID: MB 460-1065202/1-A

Matrix: Solid

Analysis Batch: 1065261

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1065202

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		10/01/25 20:32	10/02/25 07:20	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1065202/1-A

Matrix: Solid

Analysis Batch: 1065261

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1065202

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		10/01/25 20:32	10/02/25 07:20	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1065202/1-A

Matrix: Solid

Analysis Batch: 1065261

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1065202

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Phenol	0.33	U	0.33	0.012	mg/Kg		10/01/25 20:32	10/02/25 07:20	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		10/01/25 20:32	10/02/25 07:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	77		18 - 137	10/01/25 20:32	10/02/25 07:20	1
2-Fluorobiphenyl	82		33 - 117	10/01/25 20:32	10/02/25 07:20	1
2-Fluorophenol (Surr)	81		24 - 120	10/01/25 20:32	10/02/25 07:20	1
Nitrobenzene-d5 (Surr)	93		27 - 120	10/01/25 20:32	10/02/25 07:20	1
Phenol-d5 (Surr)	87		28 - 118	10/01/25 20:32	10/02/25 07:20	1
Terphenyl-d14 (Surr)	90		33 - 124	10/01/25 20:32	10/02/25 07:20	1

Lab Sample ID: LCS 460-1065202/2-A

Matrix: Solid

Analysis Batch: 1065261

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1065202

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	3.03		mg/Kg		91	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.83		mg/Kg		85	60 - 120
1,4-Dioxane	3.33	2.63		mg/Kg		79	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	3.82		mg/Kg		114	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.68		mg/Kg		81	62 - 120
2,4,5-Trichlorophenol	3.33	2.80		mg/Kg		84	64 - 120
2,4,6-Trichlorophenol	3.33	2.84		mg/Kg		85	65 - 120
2,4-Dichlorophenol	3.33	3.08		mg/Kg		92	66 - 120
2,4-Dimethylphenol	3.33	3.17		mg/Kg		95	75 - 136
2,4-Dinitrophenol	6.67	5.95		mg/Kg		89	41 - 120
2,4-Dinitrotoluene	3.33	3.07		mg/Kg		92	65 - 124
2,6-Dinitrotoluene	3.33	3.08		mg/Kg		92	67 - 121
2-Chloronaphthalene	3.33	2.89		mg/Kg		87	64 - 120
2-Chlorophenol	3.33	3.04		mg/Kg		91	63 - 120
2-Methylnaphthalene	3.33	3.15		mg/Kg		94	56 - 102
2-Methylphenol	3.33	3.10		mg/Kg		93	63 - 120
2-Nitroaniline	3.33	3.06		mg/Kg		92	52 - 120

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1065202/2-A

Matrix: Solid

Analysis Batch: 1065261

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1065202

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Nitrophenol	3.33	2.98		mg/Kg		89	64 - 120
3 & 4 Methylphenol	3.33	2.96		mg/Kg		89	61 - 120
3,3'-Dichlorobenzidine	3.33	1.60		mg/Kg		48	10 - 106
3-Nitroaniline	3.33	2.59		mg/Kg		78	18 - 105
4,6-Dinitro-2-methylphenol	6.67	6.56		mg/Kg		98	61 - 127
4-Bromophenyl phenyl ether	3.33	3.06		mg/Kg		92	64 - 120
4-Chloro-3-methylphenol	3.33	3.26		mg/Kg		98	68 - 120
4-Chloroaniline	3.33	1.68		mg/Kg		50	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.88		mg/Kg		86	62 - 120
4-Methylphenol	3.33	2.96		mg/Kg		89	61 - 120
4-Nitroaniline	3.33	2.70		mg/Kg		81	51 - 112
4-Nitrophenol	6.67	6.50		mg/Kg		98	52 - 122
Acenaphthene	3.33	2.78		mg/Kg		83	65 - 120
Acenaphthylene	3.33	3.10		mg/Kg		93	68 - 120
Acetophenone	3.33	3.24		mg/Kg		97	61 - 111
Anthracene	3.33	3.25		mg/Kg		98	67 - 120
Atrazine	1.33	1.42		mg/Kg		106	52 - 150
Benzaldehyde	1.33	1.46		mg/Kg		109	45 - 150
Benzo[a]anthracene	3.33	3.11		mg/Kg		93	66 - 120
Benzo[a]pyrene	3.33	3.13		mg/Kg		94	69 - 123
Benzo[b]fluoranthene	3.33	2.98		mg/Kg		89	66 - 125
Benzo[g,h,i]perylene	3.33	3.09		mg/Kg		93	66 - 138
Benzo[k]fluoranthene	3.33	3.11		mg/Kg		93	67 - 122
Bis(2-chloroethoxy)methane	3.33	3.21		mg/Kg		96	62 - 120
Bis(2-chloroethyl)ether	3.33	3.06		mg/Kg		92	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	3.48		mg/Kg		104	64 - 125
Butyl benzyl phthalate	3.33	3.73		mg/Kg		112	62 - 127
Caprolactam	1.33	1.65		mg/Kg		124	46 - 150
Carbazole	3.33	3.27		mg/Kg		98	64 - 120
Chrysene	3.33	3.21		mg/Kg		96	67 - 120
Dibenz(a,h)anthracene	3.33	3.25		mg/Kg		98	66 - 128
Dibenzofuran	3.33	2.92		mg/Kg		88	61 - 120
Diethyl phthalate	3.33	3.03		mg/Kg		91	63 - 120
Dimethyl phthalate	3.33	3.06		mg/Kg		92	65 - 120
Di-n-butyl phthalate	3.33	3.65		mg/Kg		109	61 - 120
Di-n-octyl phthalate	3.33	3.56		mg/Kg		107	61 - 123
Fluoranthene	3.33	3.14		mg/Kg		94	61 - 120
Fluorene	3.33	3.03		mg/Kg		91	64 - 120
Hexachlorobenzene	3.33	3.01		mg/Kg		90	66 - 120
Hexachlorobutadiene	3.33	2.75		mg/Kg		83	62 - 120
Hexachlorocyclopentadiene	3.33	2.29		mg/Kg		69	32 - 150
Hexachloroethane	3.33	2.90		mg/Kg		87	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	3.93		mg/Kg		118	63 - 137
Isophorone	3.33	3.41		mg/Kg		102	61 - 120
Naphthalene	3.33	3.00		mg/Kg		90	63 - 113
Nitrobenzene	3.33	3.00		mg/Kg		90	63 - 120
N-Nitrosodi-n-propylamine	3.33	3.63		mg/Kg		109	60 - 120
N-Nitrosodiphenylamine	3.33	3.27		mg/Kg		98	63 - 120
Pentachlorophenol	6.67	5.45		mg/Kg		82	61 - 126

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1065202/2-A

Matrix: Solid

Analysis Batch: 1065261

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1065202

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenanthrene	3.33	3.19		mg/Kg		96	66 - 120
Phenol	3.33	3.31		mg/Kg		99	63 - 120
Pyrene	3.33	3.27		mg/Kg		98	61 - 121

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	73		18 - 137
2-Fluorobiphenyl	77		33 - 117
2-Fluorophenol (Surr)	74		24 - 120
Nitrobenzene-d5 (Surr)	86		27 - 120
Phenol-d5 (Surr)	85		28 - 118
Terphenyl-d14 (Surr)	80		33 - 124

Lab Sample ID: LCSD 460-1065202/3-A

Matrix: Solid

Analysis Batch: 1065261

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1065202

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	3.33	3.23		mg/Kg		97	64 - 120	6	30
1,2,4,5-Tetrachlorobenzene	3.33	2.98		mg/Kg		90	60 - 120	5	30
1,4-Dioxane	3.33	2.83		mg/Kg		85	31 - 105	7	30
2,2'-oxybis[1-chloropropane]	3.33	4.13		mg/Kg		124	50 - 126	8	30
2,3,4,6-Tetrachlorophenol	3.33	3.00		mg/Kg		90	62 - 120	11	30
2,4,5-Trichlorophenol	3.33	2.96		mg/Kg		89	64 - 120	6	30
2,4,6-Trichlorophenol	3.33	3.05		mg/Kg		92	65 - 120	7	30
2,4-Dichlorophenol	3.33	3.31		mg/Kg		99	66 - 120	7	30
2,4-Dimethylphenol	3.33	3.42		mg/Kg		102	75 - 136	8	30
2,4-Dinitrophenol	6.67	6.60		mg/Kg		99	41 - 120	10	30
2,4-Dinitrotoluene	3.33	3.42		mg/Kg		103	65 - 124	11	30
2,6-Dinitrotoluene	3.33	3.34		mg/Kg		100	67 - 121	8	30
2-Chloronaphthalene	3.33	3.12		mg/Kg		94	64 - 120	8	30
2-Chlorophenol	3.33	3.30		mg/Kg		99	63 - 120	8	30
2-Methylnaphthalene	3.33	3.39		mg/Kg		102	56 - 102	7	30
2-Methylphenol	3.33	3.39		mg/Kg		102	63 - 120	9	30
2-Nitroaniline	3.33	3.26		mg/Kg		98	52 - 120	7	30
2-Nitrophenol	3.33	3.23		mg/Kg		97	64 - 120	8	30
3 & 4 Methylphenol	3.33	3.20		mg/Kg		96	61 - 120	8	30
3,3'-Dichlorobenzidine	3.33	1.77		mg/Kg		53	10 - 106	11	30
3-Nitroaniline	3.33	2.91		mg/Kg		87	18 - 105	12	30
4,6-Dinitro-2-methylphenol	6.67	7.13		mg/Kg		107	61 - 127	8	30
4-Bromophenyl phenyl ether	3.33	3.32		mg/Kg		100	64 - 120	8	30
4-Chloro-3-methylphenol	3.33	3.58		mg/Kg		107	68 - 120	9	30
4-Chloroaniline	3.33	1.93		mg/Kg		58	10 - 107	14	30
4-Chlorophenyl phenyl ether	3.33	3.13		mg/Kg		94	62 - 120	9	30
4-Methylphenol	3.33	3.20		mg/Kg		96	61 - 120	8	30
4-Nitroaniline	3.33	3.00		mg/Kg		90	51 - 112	11	30
4-Nitrophenol	6.67	7.32		mg/Kg		110	52 - 122	12	30
Acenaphthene	3.33	3.02		mg/Kg		91	65 - 120	8	30
Acenaphthylene	3.33	3.33		mg/Kg		100	68 - 120	7	30

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1065202/3-A

Matrix: Solid

Analysis Batch: 1065261

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1065202

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetophenone	3.33	3.52		mg/Kg		106	61 - 111	8	30
Anthracene	3.33	3.48		mg/Kg		104	67 - 120	7	30
Atrazine	1.33	1.57		mg/Kg		118	52 - 150	10	30
Benzaldehyde	1.33	1.56		mg/Kg		117	45 - 150	7	30
Benzo[a]anthracene	3.33	3.37		mg/Kg		101	66 - 120	8	30
Benzo[a]pyrene	3.33	3.39		mg/Kg		102	69 - 123	8	30
Benzo[b]fluoranthene	3.33	3.24		mg/Kg		97	66 - 125	8	30
Benzo[g,h,i]perylene	3.33	3.36		mg/Kg		101	66 - 138	8	30
Benzo[k]fluoranthene	3.33	3.35		mg/Kg		100	67 - 122	7	30
Bis(2-chloroethoxy)methane	3.33	3.46		mg/Kg		104	62 - 120	8	30
Bis(2-chloroethyl)ether	3.33	3.38		mg/Kg		101	60 - 120	10	30
Bis(2-ethylhexyl) phthalate	3.33	3.78		mg/Kg		113	64 - 125	8	30
Butyl benzyl phthalate	3.33	3.95		mg/Kg		118	62 - 127	6	30
Caprolactam	1.33	1.91		mg/Kg		143	46 - 150	15	30
Carbazole	3.33	3.52		mg/Kg		106	64 - 120	7	30
Chrysene	3.33	3.46		mg/Kg		104	67 - 120	8	30
Dibenz(a,h)anthracene	3.33	3.51		mg/Kg		105	66 - 128	8	30
Dibenzofuran	3.33	3.18		mg/Kg		95	61 - 120	8	30
Diethyl phthalate	3.33	3.35		mg/Kg		100	63 - 120	10	30
Dimethyl phthalate	3.33	3.36		mg/Kg		101	65 - 120	9	30
Di-n-butyl phthalate	3.33	4.01		mg/Kg		120	61 - 120	9	30
Di-n-octyl phthalate	3.33	3.91		mg/Kg		117	61 - 123	9	30
Fluoranthene	3.33	3.46		mg/Kg		104	61 - 120	10	30
Fluorene	3.33	3.34		mg/Kg		100	64 - 120	10	30
Hexachlorobenzene	3.33	3.25		mg/Kg		97	66 - 120	8	30
Hexachlorobutadiene	3.33	2.93		mg/Kg		88	62 - 120	6	30
Hexachlorocyclopentadiene	3.33	2.42		mg/Kg		73	32 - 150	5	30
Hexachloroethane	3.33	3.19		mg/Kg		96	61 - 112	10	30
Indeno[1,2,3-cd]pyrene	3.33	4.27		mg/Kg		128	63 - 137	8	30
Isophorone	3.33	3.68		mg/Kg		110	61 - 120	8	30
Naphthalene	3.33	3.25		mg/Kg		98	63 - 113	8	30
Nitrobenzene	3.33	3.30		mg/Kg		99	63 - 120	9	30
N-Nitrosodi-n-propylamine	3.33	3.89		mg/Kg		117	60 - 120	7	30
N-Nitrosodiphenylamine	3.33	3.52		mg/Kg		106	63 - 120	7	30
Pentachlorophenol	6.67	5.92		mg/Kg		89	61 - 126	8	30
Phenanthrene	3.33	3.45		mg/Kg		103	66 - 120	8	30
Phenol	3.33	3.57		mg/Kg		107	63 - 120	8	30
Pyrene	3.33	3.46		mg/Kg		104	61 - 121	6	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
2,4,6-Tribromophenol (Surr)	81		18 - 137
2-Fluorobiphenyl	83		33 - 117
2-Fluorophenol (Surr)	81		24 - 120
Nitrobenzene-d5 (Surr)	92		27 - 120
Phenol-d5 (Surr)	92		28 - 118
Terphenyl-d14 (Surr)	85		33 - 124

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336092-E-1-C MS

Matrix: Solid

Analysis Batch: 1065261

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 1065202

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.33	U	3.37	2.76		mg/Kg	✱	82	64 - 120
1,2,4,5-Tetrachlorobenzene	0.33	U	3.37	2.62		mg/Kg	✱	78	60 - 120
1,4-Dioxane	0.033	U	3.37	2.13		mg/Kg	✱	63	31 - 105
2,2'-oxybis[1-chloropropane]	0.33	U	3.37	3.32		mg/Kg	✱	98	50 - 126
2,3,4,6-Tetrachlorophenol	0.33	U	3.37	2.52		mg/Kg	✱	75	62 - 120
2,4,5-Trichlorophenol	0.33	U	3.37	2.59		mg/Kg	✱	77	64 - 120
2,4,6-Trichlorophenol	0.13	U	3.37	2.64		mg/Kg	✱	78	65 - 120
2,4-Dichlorophenol	0.13	U	3.37	2.78		mg/Kg	✱	83	66 - 120
2,4-Dimethylphenol	0.33	U	3.37	2.89		mg/Kg	✱	86	75 - 136
2,4-Dinitrophenol	0.27	U	6.74	4.95		mg/Kg	✱	73	41 - 120
2,4-Dinitrotoluene	0.068	U	3.37	2.77		mg/Kg	✱	82	65 - 124
2,6-Dinitrotoluene	0.068	U	3.37	2.79		mg/Kg	✱	83	67 - 121
2-Chloronaphthalene	0.33	U	3.37	2.66		mg/Kg	✱	79	64 - 120
2-Chlorophenol	0.33	U	3.37	2.73		mg/Kg	✱	81	63 - 120
2-Methylnaphthalene	0.33	U	3.37	2.86		mg/Kg	✱	85	56 - 102
2-Methylphenol	0.33	U	3.37	2.76		mg/Kg	✱	82	63 - 120
2-Nitroaniline	0.33	U	3.37	2.66		mg/Kg	✱	79	52 - 120
2-Nitrophenol	0.33	U	3.37	2.68		mg/Kg	✱	79	64 - 120
3 & 4 Methylphenol	0.33	U	3.37	2.63		mg/Kg	✱	78	61 - 120
3,3'-Dichlorobenzidine	0.13	U	3.37	1.65		mg/Kg	✱	49	10 - 106
3-Nitroaniline	0.33	U	3.37	2.44		mg/Kg	✱	72	18 - 105
4,6-Dinitro-2-methylphenol	0.27	U	6.74	5.75		mg/Kg	✱	85	61 - 127
4-Bromophenyl phenyl ether	0.33	U	3.37	2.84		mg/Kg	✱	84	64 - 120
4-Chloro-3-methylphenol	0.33	U	3.37	2.92		mg/Kg	✱	87	68 - 120
4-Chloroaniline	0.33	U	3.37	1.38		mg/Kg	✱	41	10 - 107
4-Chlorophenyl phenyl ether	0.33	U	3.37	2.65		mg/Kg	✱	79	62 - 120
4-Methylphenol	0.33	U	3.37	2.63		mg/Kg	✱	78	61 - 120
4-Nitroaniline	0.33	U	3.37	2.39		mg/Kg	✱	71	51 - 112
4-Nitrophenol	0.68	U	6.74	5.94		mg/Kg	✱	88	52 - 122
Acenaphthene	0.33	U	3.37	2.56		mg/Kg	✱	76	65 - 120
Acenaphthylene	0.33	U	3.37	2.83		mg/Kg	✱	84	68 - 120
Acetophenone	0.33	U	3.37	2.81		mg/Kg	✱	83	61 - 111
Anthracene	0.33	U	3.37	2.94		mg/Kg	✱	87	67 - 120
Atrazine	0.13	U	1.35	1.51		mg/Kg	✱	112	52 - 150
Benzaldehyde	0.33	U	1.35	1.46	E	mg/Kg	✱	108	45 - 150
Benzo[a]anthracene	0.033	U	3.37	2.91		mg/Kg	✱	86	66 - 120
Benzo[a]pyrene	0.033	U	3.37	2.91		mg/Kg	✱	86	69 - 123
Benzo[b]fluoranthene	0.033	U	3.37	2.81		mg/Kg	✱	83	66 - 125
Benzo[g,h,i]perylene	0.33	U	3.37	2.89		mg/Kg	✱	86	66 - 138
Benzo[k]fluoranthene	0.033	U	3.37	2.84		mg/Kg	✱	84	67 - 122
Bis(2-chloroethoxy)methane	0.33	U	3.37	2.91		mg/Kg	✱	86	62 - 120
Bis(2-chloroethyl)ether	0.033	U	3.37	2.76		mg/Kg	✱	82	60 - 120
Bis(2-ethylhexyl) phthalate	0.33	U	3.37	3.23		mg/Kg	✱	96	64 - 125
Butyl benzyl phthalate	0.33	U	3.37	3.41		mg/Kg	✱	101	62 - 127
Caprolactam	0.33	U	1.35	1.74		mg/Kg	✱	129	46 - 150
Carbazole	0.33	U	3.37	2.97		mg/Kg	✱	88	64 - 120
Chrysene	0.33	U	3.37	3.01		mg/Kg	✱	89	67 - 120
Dibenz(a,h)anthracene	0.033	U	3.37	3.06		mg/Kg	✱	91	66 - 128

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336092-E-1-C MS

Matrix: Solid

Analysis Batch: 1065261

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 1065202

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dibenzofuran	0.33	U	3.37	2.68		mg/Kg	✱	80	61 - 120
Diethyl phthalate	0.33	U	3.37	2.74		mg/Kg	✱	81	63 - 120
Dimethyl phthalate	0.33	U	3.37	2.80		mg/Kg	✱	83	65 - 120
Di-n-butyl phthalate	0.33	U	3.37	3.32		mg/Kg	✱	99	61 - 120
Di-n-octyl phthalate	0.33	U	3.37	3.21		mg/Kg	✱	95	61 - 123
Fluoranthene	0.33	U	3.37	2.90		mg/Kg	✱	86	61 - 120
Fluorene	0.33	U	3.37	2.75		mg/Kg	✱	82	64 - 120
Hexachlorobenzene	0.033	U	3.37	2.72		mg/Kg	✱	81	66 - 120
Hexachlorobutadiene	0.068	U	3.37	2.49		mg/Kg	✱	74	62 - 120
Hexachlorocyclopentadiene	0.33	U	3.37	1.90		mg/Kg	✱	56	32 - 150
Hexachloroethane	0.033	U	3.37	2.65		mg/Kg	✱	79	61 - 112
Indeno[1,2,3-cd]pyrene	0.033	U	3.37	3.72		mg/Kg	✱	110	63 - 137
Isophorone	0.13	U	3.37	3.03		mg/Kg	✱	90	61 - 120
Naphthalene	0.33	U	3.37	2.74		mg/Kg	✱	81	63 - 113
Nitrobenzene	0.033	U	3.37	2.66		mg/Kg	✱	79	63 - 120
N-Nitrosodi-n-propylamine	0.033	U	3.37	3.12		mg/Kg	✱	93	60 - 120
N-Nitrosodiphenylamine	0.33	U	3.37	3.00		mg/Kg	✱	89	63 - 120
Pentachlorophenol	0.27	U	6.74	5.03		mg/Kg	✱	75	61 - 126
Phenanthrene	0.33	U	3.37	2.95		mg/Kg	✱	87	66 - 120
Phenol	0.33	U	3.37	2.89		mg/Kg	✱	86	63 - 120
Pyrene	0.0090	J	3.37	3.09		mg/Kg	✱	91	61 - 121

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	63		18 - 137
2-Fluorobiphenyl	70		33 - 117
2-Fluorophenol (Surr)	64		24 - 120
Nitrobenzene-d5 (Surr)	76		27 - 120
Phenol-d5 (Surr)	74		28 - 118
Terphenyl-d14 (Surr)	72		33 - 124

Lab Sample ID: 460-336092-E-1-D MSD

Matrix: Solid

Analysis Batch: 1065261

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 1065202

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.33	U	3.40	2.56		mg/Kg	✱	75	64 - 120	7	30
1,2,4,5-Tetrachlorobenzene	0.33	U	3.40	2.44		mg/Kg	✱	72	60 - 120	7	30
1,4-Dioxane	0.033	U	3.40	1.92		mg/Kg	✱	57	31 - 105	10	30
2,2'-oxybis[1-chloropropane]	0.33	U	3.40	3.09		mg/Kg	✱	91	50 - 126	7	30
2,3,4,6-Tetrachlorophenol	0.33	U	3.40	2.36		mg/Kg	✱	70	62 - 120	6	30
2,4,5-Trichlorophenol	0.33	U	3.40	2.40		mg/Kg	✱	71	64 - 120	8	30
2,4,6-Trichlorophenol	0.13	U	3.40	2.39		mg/Kg	✱	70	65 - 120	10	30
2,4-Dichlorophenol	0.13	U	3.40	2.60		mg/Kg	✱	76	66 - 120	7	30
2,4-Dimethylphenol	0.33	U	3.40	2.62		mg/Kg	✱	77	75 - 136	10	30
2,4-Dinitrophenol	0.27	U	6.80	4.88		mg/Kg	✱	72	41 - 120	1	30
2,4-Dinitrotoluene	0.068	U	3.40	2.63		mg/Kg	✱	77	65 - 124	5	30
2,6-Dinitrotoluene	0.068	U	3.40	2.65		mg/Kg	✱	78	67 - 121	5	30
2-Chloronaphthalene	0.33	U	3.40	2.47		mg/Kg	✱	73	64 - 120	7	30

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336092-E-1-D MSD

Matrix: Solid

Analysis Batch: 1065261

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 1065202

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Chlorophenol	0.33	U	3.40	2.57		mg/Kg	✱	76	63 - 120	6	30
2-Methylnaphthalene	0.33	U	3.40	2.65		mg/Kg	✱	78	56 - 102	8	30
2-Methylphenol	0.33	U	3.40	2.62		mg/Kg	✱	77	63 - 120	5	30
2-Nitroaniline	0.33	U	3.40	2.46		mg/Kg	✱	72	52 - 120	8	30
2-Nitrophenol	0.33	U	3.40	2.52		mg/Kg	✱	74	64 - 120	6	30
3 & 4 Methylphenol	0.33	U	3.40	2.42		mg/Kg	✱	71	61 - 120	8	30
3,3'-Dichlorobenzidine	0.13	U	3.40	1.37		mg/Kg	✱	40	10 - 106	18	30
3-Nitroaniline	0.33	U	3.40	2.14		mg/Kg	✱	63	18 - 105	13	30
4,6-Dinitro-2-methylphenol	0.27	U	6.80	5.38		mg/Kg	✱	79	61 - 127	7	30
4-Bromophenyl phenyl ether	0.33	U	3.40	2.64		mg/Kg	✱	78	64 - 120	7	30
4-Chloro-3-methylphenol	0.33	U	3.40	2.74		mg/Kg	✱	81	68 - 120	6	30
4-Chloroaniline	0.33	U	3.40	1.09		mg/Kg	✱	32	10 - 107	24	30
4-Chlorophenyl phenyl ether	0.33	U	3.40	2.46		mg/Kg	✱	72	62 - 120	7	30
4-Methylphenol	0.33	U	3.40	2.42		mg/Kg	✱	71	61 - 120	8	30
4-Nitroaniline	0.33	U	3.40	2.26		mg/Kg	✱	66	51 - 112	6	30
4-Nitrophenol	0.68	U	6.80	5.76		mg/Kg	✱	85	52 - 122	3	30
Acenaphthene	0.33	U	3.40	2.37		mg/Kg	✱	70	65 - 120	8	30
Acenaphthylene	0.33	U	3.40	2.62		mg/Kg	✱	77	68 - 120	7	30
Acetophenone	0.33	U	3.40	2.65		mg/Kg	✱	78	61 - 111	6	30
Anthracene	0.33	U	3.40	2.71		mg/Kg	✱	80	67 - 120	8	30
Atrazine	0.13	U	1.36	1.47		mg/Kg	✱	108	52 - 150	2	30
Benzaldehyde	0.33	U	1.36	1.49	E	mg/Kg	✱	109	45 - 150	2	30
Benzo[a]anthracene	0.033	U	3.40	2.69		mg/Kg	✱	79	66 - 120	8	30
Benzo[a]pyrene	0.033	U	3.40	2.69		mg/Kg	✱	79	69 - 123	8	30
Benzo[b]fluoranthene	0.033	U	3.40	2.62		mg/Kg	✱	77	66 - 125	7	30
Benzo[g,h,i]perylene	0.33	U	3.40	2.67		mg/Kg	✱	78	66 - 138	8	30
Benzo[k]fluoranthene	0.033	U	3.40	2.61		mg/Kg	✱	77	67 - 122	8	30
Bis(2-chloroethoxy)methane	0.33	U	3.40	2.72		mg/Kg	✱	80	62 - 120	7	30
Bis(2-chloroethyl)ether	0.033	U	3.40	2.54		mg/Kg	✱	75	60 - 120	8	30
Bis(2-ethylhexyl) phthalate	0.33	U	3.40	2.98		mg/Kg	✱	88	64 - 125	8	30
Butyl benzyl phthalate	0.33	U	3.40	3.15		mg/Kg	✱	93	62 - 127	8	30
Caprolactam	0.33	U	1.36	1.78		mg/Kg	✱	131	46 - 150	2	30
Carbazole	0.33	U	3.40	2.77		mg/Kg	✱	82	64 - 120	7	30
Chrysene	0.33	U	3.40	2.73		mg/Kg	✱	80	67 - 120	10	30
Dibenz(a,h)anthracene	0.033	U	3.40	2.80		mg/Kg	✱	82	66 - 128	9	30
Dibenzofuran	0.33	U	3.40	2.48		mg/Kg	✱	73	61 - 120	8	30
Diethyl phthalate	0.33	U	3.40	2.60		mg/Kg	✱	76	63 - 120	5	30
Dimethyl phthalate	0.33	U	3.40	2.62		mg/Kg	✱	77	65 - 120	7	30
Di-n-butyl phthalate	0.33	U	3.40	3.14		mg/Kg	✱	92	61 - 120	6	30
Di-n-octyl phthalate	0.33	U	3.40	3.05		mg/Kg	✱	90	61 - 123	5	30
Fluoranthene	0.33	U	3.40	2.69		mg/Kg	✱	79	61 - 120	7	30
Fluorene	0.33	U	3.40	2.59		mg/Kg	✱	76	64 - 120	6	30
Hexachlorobenzene	0.033	U	3.40	2.54		mg/Kg	✱	75	66 - 120	7	30
Hexachlorobutadiene	0.068	U	3.40	2.34		mg/Kg	✱	69	62 - 120	6	30
Hexachlorocyclopentadiene	0.33	U	3.40	1.77		mg/Kg	✱	52	32 - 150	8	30
Hexachloroethane	0.033	U	3.40	2.39		mg/Kg	✱	70	61 - 112	10	30
Indeno[1,2,3-cd]pyrene	0.033	U	3.40	3.43		mg/Kg	✱	101	63 - 137	8	30
Isophorone	0.13	U	3.40	2.84		mg/Kg	✱	84	61 - 120	7	30
Naphthalene	0.33	U	3.40	2.52		mg/Kg	✱	74	63 - 113	8	30

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-336092-E-1-D MSD

Matrix: Solid

Analysis Batch: 1065261

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 1065202

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrobenzene	0.033	U	3.40	2.48		mg/Kg	✱	73	63 - 120	7	30
N-Nitrosodi-n-propylamine	0.033	U	3.40	2.90		mg/Kg	✱	85	60 - 120	8	30
N-Nitrosodiphenylamine	0.33	U	3.40	2.76		mg/Kg	✱	81	63 - 120	8	30
Pentachlorophenol	0.27	U	6.80	4.75		mg/Kg	✱	70	61 - 126	6	30
Phenanthrene	0.33	U	3.40	2.73		mg/Kg	✱	80	66 - 120	8	30
Phenol	0.33	U	3.40	2.73		mg/Kg	✱	80	63 - 120	6	30
Pyrene	0.0090	J	3.40	2.80		mg/Kg	✱	82	61 - 121	10	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	62		18 - 137
2-Fluorobiphenyl	65		33 - 117
2-Fluorophenol (Surr)	65		24 - 120
Nitrobenzene-d5 (Surr)	71		27 - 120
Phenol-d5 (Surr)	71		28 - 118
Terphenyl-d14 (Surr)	67		33 - 124

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1064864/1-A

Matrix: Solid

Analysis Batch: 1065003

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1064864

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:47	10/01/25 09:29	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:47	10/01/25 09:29	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:47	10/01/25 09:29	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:47	10/01/25 09:29	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:47	10/01/25 09:29	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:47	10/01/25 09:29	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:47	10/01/25 09:29	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:47	10/01/25 09:29	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:47	10/01/25 09:29	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:47	10/01/25 09:29	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:47	10/01/25 09:29	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:47	10/01/25 09:29	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:47	10/01/25 09:29	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:47	10/01/25 09:29	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:47	10/01/25 09:29	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:47	10/01/25 09:29	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:47	10/01/25 09:29	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:47	10/01/25 09:29	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:47	10/01/25 09:29	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		09/30/25 16:47	10/01/25 09:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	115		10 - 150	09/30/25 16:47	10/01/25 09:29	1
DCB Decachlorobiphenyl	120		10 - 150	09/30/25 16:47	10/01/25 09:29	1
Tetrachloro-m-xylene	120		10 - 150	09/30/25 16:47	10/01/25 09:29	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-1064864/1-A

Matrix: Solid

Analysis Batch: 1065003

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1064864

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	125		10 - 150	09/30/25 16:47	10/01/25 09:29	1

Lab Sample ID: LCS 460-1064864/2-A

Matrix: Solid

Analysis Batch: 1065003

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1064864

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.333	0.419		mg/Kg		126	59 - 149
Aroclor 1016	0.333	0.404		mg/Kg		121	59 - 149
Aroclor 1260	0.333	0.407		mg/Kg		122	62 - 145
Aroclor 1260	0.333	0.424		mg/Kg		127	62 - 145

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	104		10 - 150
DCB Decachlorobiphenyl	112		10 - 150
Tetrachloro-m-xylene	104		10 - 150
Tetrachloro-m-xylene	112		10 - 150

Lab Sample ID: LCSD 460-1064864/3-A

Matrix: Solid

Analysis Batch: 1065003

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1064864

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.333	0.401		mg/Kg		120	59 - 149	4	30
Aroclor 1016	0.333	0.392		mg/Kg		118	59 - 149	3	30
Aroclor 1260	0.333	0.402		mg/Kg		121	62 - 145	1	30
Aroclor 1260	0.333	0.413		mg/Kg		124	62 - 145	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	103		10 - 150
DCB Decachlorobiphenyl	109		10 - 150
Tetrachloro-m-xylene	105		10 - 150
Tetrachloro-m-xylene	110		10 - 150

Lab Sample ID: MB 460-1065150/1-A

Matrix: Solid

Analysis Batch: 1065461

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1065150

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:44	10/02/25 22:02	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:44	10/02/25 22:02	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:44	10/02/25 22:02	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:44	10/02/25 22:02	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:44	10/02/25 22:02	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:44	10/02/25 22:02	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:44	10/02/25 22:02	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:44	10/02/25 22:02	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:44	10/02/25 22:02	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-1065150/1-A
Matrix: Solid
Analysis Batch: 1065461

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1065150

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:44	10/02/25 22:02	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:44	10/02/25 22:02	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:44	10/02/25 22:02	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:44	10/02/25 22:02	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:44	10/02/25 22:02	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:44	10/02/25 22:02	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:44	10/02/25 22:02	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:44	10/02/25 22:02	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:44	10/02/25 22:02	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:44	10/02/25 22:02	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:44	10/02/25 22:02	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/01/25 16:44	10/02/25 22:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	123		10 - 150	10/01/25 16:44	10/02/25 22:02	1
DCB Decachlorobiphenyl	130		10 - 150	10/01/25 16:44	10/02/25 22:02	1
Tetrachloro-m-xylene	120		10 - 150	10/01/25 16:44	10/02/25 22:02	1
Tetrachloro-m-xylene	127		10 - 150	10/01/25 16:44	10/02/25 22:02	1

Lab Sample ID: LCS 460-1065150/2-A
Matrix: Solid
Analysis Batch: 1065461

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1065150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.333	0.400		mg/Kg		120	59 - 149
Aroclor 1016	0.333	0.413		mg/Kg		124	59 - 149
Aroclor 1260	0.333	0.395		mg/Kg		118	62 - 145
Aroclor 1260	0.333	0.403		mg/Kg		121	62 - 145

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	125		10 - 150
DCB Decachlorobiphenyl	127		10 - 150
Tetrachloro-m-xylene	122		10 - 150
Tetrachloro-m-xylene	131		10 - 150

Lab Sample ID: LCSD 460-1065150/3-A
Matrix: Solid
Analysis Batch: 1065461

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1065150

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.333	0.410		mg/Kg		123	59 - 149	2	30
Aroclor 1016	0.333	0.403		mg/Kg		121	59 - 149	2	30
Aroclor 1260	0.333	0.408		mg/Kg		122	62 - 145	3	30
Aroclor 1260	0.333	0.409		mg/Kg		123	62 - 145	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	121		10 - 150
DCB Decachlorobiphenyl	126		10 - 150

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 460-1065150/3-A
Matrix: Solid
Analysis Batch: 1065461

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1065150

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
Tetrachloro-m-xylene	116		10 - 150
Tetrachloro-m-xylene	124		10 - 150

Lab Sample ID: 460-336098-A-7-A MS
Matrix: Solid
Analysis Batch: 1065461

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1065150

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.079	U	0.393	0.420		mg/Kg	⊛	107	59 - 149
Aroclor 1016	0.079	U	0.393	0.423		mg/Kg	⊛	108	59 - 149
Aroclor 1260	0.079	U	0.393	0.420		mg/Kg	⊛	107	62 - 145
Aroclor 1260	0.079	U	0.393	0.411		mg/Kg	⊛	105	62 - 145

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	112		10 - 150
DCB Decachlorobiphenyl	111		10 - 150
Tetrachloro-m-xylene	107		10 - 150
Tetrachloro-m-xylene	112		10 - 150

Lab Sample ID: 460-336098-A-7-B MSD
Matrix: Solid
Analysis Batch: 1065461

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1065150

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Aroclor 1016	0.079	U	0.393	0.406		mg/Kg	⊛	103	59 - 149	3	30
Aroclor 1016	0.079	U	0.393	0.398		mg/Kg	⊛	101	59 - 149	6	30
Aroclor 1260	0.079	U	0.393	0.410		mg/Kg	⊛	104	62 - 145	2	30
Aroclor 1260	0.079	U	0.393	0.407		mg/Kg	⊛	104	62 - 145	1	30

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	105		10 - 150
DCB Decachlorobiphenyl	104		10 - 150
Tetrachloro-m-xylene	100		10 - 150
Tetrachloro-m-xylene	105		10 - 150

Lab Sample ID: MB 460-1065763/1-A
Matrix: Solid
Analysis Batch: 1066175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1065763

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/03/25 18:57	10/06/25 16:14	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		10/03/25 18:57	10/06/25 16:14	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/03/25 18:57	10/06/25 16:14	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		10/03/25 18:57	10/06/25 16:14	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/03/25 18:57	10/06/25 16:14	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		10/03/25 18:57	10/06/25 16:14	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/03/25 18:57	10/06/25 16:14	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		10/03/25 18:57	10/06/25 16:14	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-1065763/1-A
Matrix: Solid
Analysis Batch: 1066175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1065763

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/03/25 18:57	10/06/25 16:14	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/03/25 18:57	10/06/25 16:14	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		10/03/25 18:57	10/06/25 16:14	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/03/25 18:57	10/06/25 16:14	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		10/03/25 18:57	10/06/25 16:14	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/03/25 18:57	10/06/25 16:14	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		10/03/25 18:57	10/06/25 16:14	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/03/25 18:57	10/06/25 16:14	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		10/03/25 18:57	10/06/25 16:14	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/03/25 18:57	10/06/25 16:14	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		10/03/25 18:57	10/06/25 16:14	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/03/25 18:57	10/06/25 16:14	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		10/03/25 18:57	10/06/25 16:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	102		10 - 150	10/03/25 18:57	10/06/25 16:14	1
DCB Decachlorobiphenyl	107		10 - 150	10/03/25 18:57	10/06/25 16:14	1
Tetrachloro-m-xylene	98		10 - 150	10/03/25 18:57	10/06/25 16:14	1
Tetrachloro-m-xylene	105		10 - 150	10/03/25 18:57	10/06/25 16:14	1

Lab Sample ID: LCS 460-1065763/2-A
Matrix: Solid
Analysis Batch: 1065889

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1065763

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.333	0.398		mg/Kg		119	59 - 149
Aroclor 1016	0.333	0.426		mg/Kg		128	59 - 149
Aroclor 1260	0.333	0.385		mg/Kg		115	62 - 145
Aroclor 1260	0.333	0.439		mg/Kg		132	62 - 145

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	78		10 - 150
DCB Decachlorobiphenyl	92		10 - 150
Tetrachloro-m-xylene	80		10 - 150
Tetrachloro-m-xylene	73		10 - 150

Lab Sample ID: LCSD 460-1065763/3-A
Matrix: Solid
Analysis Batch: 1065889

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1065763

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.333	0.423		mg/Kg		127	59 - 149	6	30
Aroclor 1016	0.333	0.427		mg/Kg		128	59 - 149	0	30
Aroclor 1260	0.333	0.411		mg/Kg		123	62 - 145	6	30
Aroclor 1260	0.333	0.417		mg/Kg		125	62 - 145	5	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	127		10 - 150

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 460-1065763/3-A
Matrix: Solid
Analysis Batch: 1065889

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1065763

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	134		10 - 150
Tetrachloro-m-xylene	132		10 - 150
Tetrachloro-m-xylene	136		10 - 150

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1065783/1-A
Matrix: Solid
Analysis Batch: 1066015

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1065783

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Calcium	100	U	100	9.7	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Lead	0.60	U	0.60	0.20	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Magnesium	100	U	100	10.2	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Nickel	2.0	U	2.0	0.18	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Potassium	100	U	100	16.2	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Sodium	100	U	100	45.7	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/03/25 19:40	10/04/25 19:05	1
Zinc	8.0	U	8.0	1.1	mg/Kg		10/03/25 19:40	10/04/25 19:05	1

Lab Sample ID: LCSSRM 460-1065783/2-A
Matrix: Solid
Analysis Batch: 1066015

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1065783

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	5921		mg/Kg		86.6	53.2 - 146.2
Antimony	131	73.00		mg/Kg		55.7	4.5 - 195.4
Arsenic	192	191.7		mg/Kg		99.8	81.3 - 118.8
Barium	219	240.1		mg/Kg		109.6	81.7 - 118.3
Beryllium	146	148.8		mg/Kg		101.9	82.2 - 117.8
Cadmium	114	119.5		mg/Kg		104.8	81.7 - 118.4

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1065783/2-A
Matrix: Solid
Analysis Batch: 1066015

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1065783

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	4080	4125		mg/Kg		101.1	82.4 - 117.6
Chromium	153	161.1		mg/Kg		105.3	81.0 - 119.0
Cobalt	231	242.5		mg/Kg		105.0	83.1 - 117.3
Copper	91.2	93.29		mg/Kg		102.3	83.1 - 117.3
Iron	7020	5771		mg/Kg		82.2	60.7 - 139.2
Lead	141	137.1		mg/Kg		97.3	81.6 - 118.4
Magnesium	1900	1770		mg/Kg		93.1	76.3 - 123.7
Manganese	401	429.9		mg/Kg		107.2	80.8 - 119.0
Nickel	143	155.7		mg/Kg		108.9	81.8 - 118.9
Potassium	1760	1606		mg/Kg		91.3	72.2 - 127.8
Selenium	94.7	92.31		mg/Kg		97.5	78.5 - 121.4
Silver	77.0	74.60		mg/Kg		96.9	79.4 - 120.6
Sodium	661	681.5		mg/Kg		103.1	73.7 - 126.2
Thallium	183	196.9		mg/Kg		107.6	80.3 - 119.7
Vanadium	159	160.0		mg/Kg		100.7	78.6 - 122.0
Zinc	292	299.3		mg/Kg		102.5	79.8 - 120.2

Lab Sample ID: 460-335975-A-14-F MS
Matrix: Solid
Analysis Batch: 1066015

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1065783

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5580		420	7271	4	mg/Kg	✱	401	75 - 125
Antimony	1.2		4.20	4.97		mg/Kg	✱	90	75 - 125
Arsenic	7.4		8.40	14.45		mg/Kg	✱	85	75 - 125
Barium	49.1		8.40	56.07	4	mg/Kg	✱	83	75 - 125
Beryllium	1.0		4.20	4.77		mg/Kg	✱	90	75 - 125
Cadmium	0.16	J	4.20	4.06		mg/Kg	✱	93	75 - 125
Calcium	1020		420	1457		mg/Kg	✱	105	75 - 125
Chromium	28.6		8.40	38.40		mg/Kg	✱	117	75 - 125
Cobalt	11.7		4.20	16.93		mg/Kg	✱	123	75 - 125
Copper	96.8		8.40	91.52	4	mg/Kg	✱	-62	75 - 125
Iron	22600		420	21590	4	mg/Kg	✱	-243	75 - 125
Lead	109		4.20	99.36	4	mg/Kg	✱	-220	75 - 125
Magnesium	1240		420	1754		mg/Kg	✱	123	75 - 125
Manganese	298		42.0	211.4	4	mg/Kg	✱	-206	75 - 125
Nickel	43.1		8.40	55.25	4	mg/Kg	✱	145	75 - 125

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-335975-A-14-F MS

Matrix: Solid

Analysis Batch: 1066015

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 1065783

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	1650		420	2158		mg/Kg	✱	122	75 - 125
Selenium	0.65	J	8.40	8.12		mg/Kg	✱	89	75 - 125
Silver	0.16	J	4.20	4.04		mg/Kg	✱	93	75 - 125
Sodium	80.2	J	420	485.5		mg/Kg	✱	96	75 - 125
Thallium	0.045	J	3.36	3.22		mg/Kg	✱	95	75 - 125
Vanadium	22.7		8.40	32.48		mg/Kg	✱	116	75 - 125
Zinc	281		42.0	285.2	4	mg/Kg	✱	9	75 - 125

Lab Sample ID: 460-335975-A-14-E DU

Matrix: Solid

Analysis Batch: 1066015

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 1065783

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	5580		5832		mg/Kg	✱	4	20
Antimony	1.2		1.13		mg/Kg	✱	5	20
Arsenic	7.4		7.62		mg/Kg	✱	4	20
Barium	49.1		44.05		mg/Kg	✱	11	20
Beryllium	1.0		0.776		mg/Kg	✱	26	20
Cadmium	0.16	J	0.178	J	mg/Kg	✱	9	20
Calcium	1020		1402	*	mg/Kg	✱	32	20
Chromium	28.6		22.84	*	mg/Kg	✱	22	20
Cobalt	11.7		11.91		mg/Kg	✱	1	20
Copper	96.8		80.58		mg/Kg	✱	18	20
Iron	22600		21530		mg/Kg	✱	5	20
Lead	109		99.66		mg/Kg	✱	9	20
Magnesium	1240		1576	*	mg/Kg	✱	24	20
Manganese	298		509.6	*	mg/Kg	✱	52	20
Nickel	43.1		45.30		mg/Kg	✱	5	20
Potassium	1650		1523		mg/Kg	✱	8	20
Selenium	0.65	J	0.644	J	mg/Kg	✱	0.7	20
Silver	0.16	J	0.141	J	mg/Kg	✱	10	20
Sodium	80.2	J	74.75	J	mg/Kg	✱	7	20
Thallium	0.045	J	0.0571	J	mg/Kg	✱	23	20
Vanadium	22.7		23.96		mg/Kg	✱	5	20
Zinc	281		219.3	*	mg/Kg	✱	25	20

Lab Sample ID: MB 460-1066163/1-A

Matrix: Solid

Analysis Batch: 1066378

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1066163

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		10/06/25 06:43	10/06/25 17:10	1
Antimony	1.0	U	1.0	0.15	mg/Kg		10/06/25 06:43	10/06/25 17:10	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		10/06/25 06:43	10/06/25 17:10	1
Barium	2.0	U	2.0	0.15	mg/Kg		10/06/25 06:43	10/06/25 17:10	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		10/06/25 06:43	10/06/25 17:10	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		10/06/25 06:43	10/06/25 17:10	1
Calcium	100	U	100	9.7	mg/Kg		10/06/25 06:43	10/06/25 17:10	1
Chromium	2.0	U	2.0	0.30	mg/Kg		10/06/25 06:43	10/06/25 17:10	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1066163/1-A
Matrix: Solid
Analysis Batch: 1066378

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1066163

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/06/25 06:43	10/06/25 17:10	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		10/06/25 06:43	10/06/25 17:10	1
Copper	2.0	U	2.0	0.37	mg/Kg		10/06/25 06:43	10/06/25 17:10	1
Iron	60.0	U	60.0	7.7	mg/Kg		10/06/25 06:43	10/06/25 17:10	1
Lead	0.60	U	0.60	0.20	mg/Kg		10/06/25 06:43	10/06/25 17:10	1
Magnesium	100	U	100	10.2	mg/Kg		10/06/25 06:43	10/06/25 17:10	1
Manganese	4.0	U	4.0	0.40	mg/Kg		10/06/25 06:43	10/06/25 17:10	1
Nickel	2.0	U	2.0	0.18	mg/Kg		10/06/25 06:43	10/06/25 17:10	1
Potassium	100	U	100	16.2	mg/Kg		10/06/25 06:43	10/06/25 17:10	1
Selenium	1.3	U	1.3	0.13	mg/Kg		10/06/25 06:43	10/06/25 17:10	1
Silver	0.40	U	0.40	0.089	mg/Kg		10/06/25 06:43	10/06/25 17:10	1
Sodium	100	U	100	45.7	mg/Kg		10/06/25 06:43	10/06/25 17:10	1
Thallium	0.40	U	0.40	0.041	mg/Kg		10/06/25 06:43	10/06/25 17:10	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		10/06/25 06:43	10/06/25 17:10	1
Zinc	8.0	U	8.0	1.1	mg/Kg		10/06/25 06:43	10/06/25 17:10	1

Lab Sample ID: LCSSRM 460-1066163/2-A
Matrix: Solid
Analysis Batch: 1066378

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1066163

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	6036		mg/Kg		88.2	53.2 - 146.2
Antimony	131	86.89		mg/Kg		66.3	4.5 - 195.4
Arsenic	192	183.9		mg/Kg		95.8	81.3 - 118.8
Barium	219	195.1		mg/Kg		89.1	81.7 - 118.3
Beryllium	146	130.8		mg/Kg		89.6	82.2 - 117.8
Cadmium	114	108.4		mg/Kg		95.1	81.7 - 118.4
Calcium	4080	3828		mg/Kg		93.8	82.4 - 117.6
Chromium	153	146.8		mg/Kg		96.0	81.0 - 119.0
Cobalt	231	229.8		mg/Kg		99.5	83.1 - 117.3
Copper	91.2	90.31		mg/Kg		99.0	83.1 - 117.3
Iron	7020	6327		mg/Kg		90.1	60.7 - 139.2
Lead	141	127.8		mg/Kg		90.6	81.6 - 118.4
Magnesium	1900	1830		mg/Kg		96.3	76.3 - 123.7
Manganese	401	391.8		mg/Kg		97.7	80.8 - 119.0
Nickel	143	144.9		mg/Kg		101.4	81.8 - 118.9
Potassium	1760	1626		mg/Kg		92.4	72.2 - 127.8

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1066163/2-A

Matrix: Solid

Analysis Batch: 1066378

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1066163

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	94.7	91.33		mg/Kg		96.4	78.5 - 121.4
Silver	77.0	72.29		mg/Kg		93.9	79.4 - 120.6
Sodium	661	692.1		mg/Kg		104.7	73.7 - 126.2
Thallium	183	167.3		mg/Kg		91.4	80.3 - 119.7
Vanadium	159	151.4		mg/Kg		95.2	78.6 - 122.0
Zinc	292	291.8		mg/Kg		99.9	79.8 - 120.2

Lab Sample ID: 460-336089-G-1-C MS

Matrix: Solid

Analysis Batch: 1066378

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 1066163

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	3200		1030	3658	N	mg/Kg	✱	44	75 - 125
Antimony	2.1	U	10.3	7.92		mg/Kg	✱	77	75 - 125
Arsenic	1.1	J	20.6	19.77		mg/Kg	✱	90	75 - 125
Barium	9.4		20.6	24.80		mg/Kg	✱	75	75 - 125
Beryllium	0.13	J	10.3	9.15		mg/Kg	✱	87	75 - 125
Cadmium	2.1	U	10.3	9.48		mg/Kg	✱	92	75 - 125
Calcium	1490		1030	2251	N	mg/Kg	✱	74	75 - 125
Chromium	4.5		20.6	22.61		mg/Kg	✱	88	75 - 125
Cobalt	1.4	J	10.3	10.53		mg/Kg	✱	89	75 - 125
Copper	10.3		20.6	22.86	N	mg/Kg	✱	61	75 - 125
Iron	5140		1030	3404	4	mg/Kg	✱	-169	75 - 125
Lead	39.4		10.3	17.42	N	mg/Kg	✱	-213	75 - 125
Magnesium	1330		1030	2295		mg/Kg	✱	93	75 - 125
Manganese	66.4		103	117.4	N	mg/Kg	✱	49	75 - 125
Nickel	2.9	J	20.6	21.38		mg/Kg	✱	90	75 - 125
Potassium	451		1030	1361		mg/Kg	✱	88	75 - 125
Selenium	0.28	J	20.6	18.94		mg/Kg	✱	90	75 - 125
Silver	0.83	U	10.3	9.57		mg/Kg	✱	93	75 - 125
Sodium	1230		1030	2313		mg/Kg	✱	105	75 - 125
Thallium	0.83	U	8.26	7.56		mg/Kg	✱	92	75 - 125
Vanadium	8.2		20.6	24.75		mg/Kg	✱	80	75 - 125
Zinc	8.5	J	103	98.62		mg/Kg	✱	87	75 - 125

Lab Sample ID: 460-336089-G-1-D MSD

Matrix: Solid

Analysis Batch: 1066378

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 1066163

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Aluminum	3200		1030	3575	N	mg/Kg	✱	36	75 - 125	2	20
Antimony	2.1	U	10.3	7.84		mg/Kg	✱	76	75 - 125	1	20
Arsenic	1.1	J	20.6	19.68		mg/Kg	✱	90	75 - 125	0	20
Barium	9.4		20.6	24.92		mg/Kg	✱	75	75 - 125	0	20
Beryllium	0.13	J	10.3	9.04		mg/Kg	✱	86	75 - 125	1	20

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-336089-G-1-D MSD

Matrix: Solid

Analysis Batch: 1066378

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 1066163

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cadmium	2.1	U	10.3	9.43		mg/Kg	✱	91	75 - 125	1	20
Calcium	1490		1030	2357		mg/Kg	✱	84	75 - 125	5	20
Chromium	4.5		20.6	22.90		mg/Kg	✱	89	75 - 125	1	20
Cobalt	1.4	J	10.3	10.64		mg/Kg	✱	90	75 - 125	1	20
Copper	10.3		20.6	22.87	N	mg/Kg	✱	61	75 - 125	0	20
Iron	5140		1030	3719	4	mg/Kg	✱	-138	75 - 125	9	20
Lead	39.4		10.3	17.91	N	mg/Kg	✱	-208	75 - 125	3	20
Magnesium	1330		1030	2368		mg/Kg	✱	100	75 - 125	3	20
Manganese	66.4		103	117.0	N	mg/Kg	✱	49	75 - 125	0	20
Nickel	2.9	J	20.6	21.92		mg/Kg	✱	92	75 - 125	2	20
Potassium	451		1030	1368		mg/Kg	✱	89	75 - 125	1	20
Selenium	0.28	J	20.6	18.94		mg/Kg	✱	90	75 - 125	0	20
Silver	0.83	U	10.3	9.40		mg/Kg	✱	91	75 - 125	2	20
Sodium	1230		1030	2330		mg/Kg	✱	107	75 - 125	1	20
Thallium	0.83	U	8.26	7.52		mg/Kg	✱	91	75 - 125	1	20
Vanadium	8.2		20.6	24.58		mg/Kg	✱	79	75 - 125	1	20
Zinc	8.5	J	103	97.66		mg/Kg	✱	86	75 - 125	1	20

Lab Sample ID: 460-336089-G-1-B DU

Matrix: Solid

Analysis Batch: 1066378

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 1066163

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	3200		2019	*	mg/Kg	✱	45	20
Antimony	2.1	U	2.1	U	mg/Kg	✱	NC	20
Arsenic	1.1	J	0.767	J	mg/Kg	✱	36	20
Barium	9.4		5.45		mg/Kg	✱	53	20
Beryllium	0.13	J	0.0824	J	mg/Kg	✱	44	20
Cadmium	2.1	U	2.1	U	mg/Kg	✱	NC	20
Calcium	1490		1570		mg/Kg	✱	5	20
Chromium	4.5		3.80	J	mg/Kg	✱	18	20
Cobalt	1.4	J	0.832	J	mg/Kg	✱	49	20
Copper	10.3		4.40	*	mg/Kg	✱	80	20
Iron	5140		2379	*	mg/Kg	✱	74	20
Lead	39.4		13.93	*	mg/Kg	✱	96	20
Magnesium	1330		1379		mg/Kg	✱	3	20
Manganese	66.4		25.58	*	mg/Kg	✱	89	20
Nickel	2.9	J	2.19	J	mg/Kg	✱	28	20
Potassium	451		329.7		mg/Kg	✱	31	20
Selenium	0.28	J	2.6	U	mg/Kg	✱	NC	20
Silver	0.83	U	0.83	U	mg/Kg	✱	NC	20
Sodium	1230		1411		mg/Kg	✱	14	20
Thallium	0.83	U	0.83	U	mg/Kg	✱	NC	20
Vanadium	8.2		5.56		mg/Kg	✱	38	20
Zinc	8.5	J	2.80	J	mg/Kg	✱	101	20

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1066120/1-A

Matrix: Solid

Analysis Batch: 1066287

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1066120

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/06/25 01:32	10/06/25 11:40	1

Lab Sample ID: LCSSRM 460-1066120/2-A

Matrix: Solid

Analysis Batch: 1066287

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1066120

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	11.78		mg/Kg		83.5	69.6 - 130.5

Lab Sample ID: 460-335975-A-10-G MS

Matrix: Solid

Analysis Batch: 1066287

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 1066120

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.049		0.0833	0.125		mg/Kg	☼	91	80 - 120

Lab Sample ID: 460-335975-A-10-F DU

Matrix: Solid

Analysis Batch: 1066287

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 1066120

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.049		0.0515		mg/Kg	☼	4	20

Lab Sample ID: MB 460-1066635/1-A

Matrix: Solid

Analysis Batch: 1066789

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1066635

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		10/08/25 02:16	10/08/25 08:26	1

Lab Sample ID: LCSSRM 460-1066635/2-A

Matrix: Solid

Analysis Batch: 1066789

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1066635

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	11.78		mg/Kg		83.5	69.6 - 130.5

Lab Sample ID: 460-335982-A-8-Q MS

Matrix: Solid

Analysis Batch: 1066789

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 1066635

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.018	U	0.0872	0.0920		mg/Kg	☼	105	80 - 120

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-335982-A-8-R MSD

Matrix: Solid

Analysis Batch: 1066789

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 1066635

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.018	U	0.0872	0.0924		mg/Kg	✱	106	80 - 120	0	20

Lab Sample ID: 460-335982-A-8-P DU

Matrix: Solid

Analysis Batch: 1066789

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 1066635

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.018	U	0.018	U	mg/Kg	✱	NC	20

Method: Moisture - Percent Moisture

Lab Sample ID: 460-335983-D-1 DU

Matrix: Solid

Analysis Batch: 1065426

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	1.3		2.9	*	%		80	20
Percent Solids	98.7		97.1		%		2	20

Lab Sample ID: 460-336100-D-4 DU

Matrix: Solid

Analysis Batch: 1066073

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	10.4		12.6		%		20	20
Percent Solids	89.6		87.4		%		3	20

QC Association Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

GC/MS VOA

Prep Batch: 1064822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335984-1	SB-01_0-2_20250929	Total/NA	Solid	5035	
460-335984-2	SB-01_18-20_20250929	Total/NA	Solid	5035	
460-335984-3	SB-02_0-2_20250929	Total/NA	Solid	5035	
460-335984-4	SB-02_18-20_20250929	Total/NA	Solid	5035	
LB3 460-1064822/1-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 1065295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336108-1	SB-03_0-2_20250930	Total/NA	Solid	5035	
460-336108-2	SB-03_11-13_20250930	Total/NA	Solid	5035	
460-336108-3	SB-03_13-15_20250930	Total/NA	Solid	5035	
460-336108-4	SB-04_0-2_20250930	Total/NA	Solid	5035	
460-336108-5	SB-04_9-11_20250930	Total/NA	Solid	5035	
LB3 460-1065295/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 1065536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335984-1	SB-01_0-2_20250929	Total/NA	Solid	8260D	1064822
460-335984-2	SB-01_18-20_20250929	Total/NA	Solid	8260D	1064822
460-335984-3	SB-02_0-2_20250929	Total/NA	Solid	8260D	1064822
LB3 460-1064822/1-A	Method Blank	Total/NA	Solid	8260D	1064822
MB 460-1065536/6	Method Blank	Total/NA	Solid	8260D	
LCS 460-1065536/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1065536/3	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1065633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335984-4	SB-02_18-20_20250929	Total/NA	Solid	8260D	1064822
MB 460-1065633/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1065633/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1065633/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1065826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336108-1	SB-03_0-2_20250930	Total/NA	Solid	8260D	1065295
460-336108-2	SB-03_11-13_20250930	Total/NA	Solid	8260D	1065295
460-336108-3	SB-03_13-15_20250930	Total/NA	Solid	8260D	1065295
460-336108-4	SB-04_0-2_20250930	Total/NA	Solid	8260D	1065295
460-336108-5	SB-04_9-11_20250930	Total/NA	Solid	8260D	1065295
LB3 460-1065295/1-A	Method Blank	Total/NA	Solid	8260D	1065295
MB 460-1065826/6	Method Blank	Total/NA	Solid	8260D	
LCS 460-1065826/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1065826/3	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1066155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336108-6	TB-01_20250930	Total/NA	Water	8260D	
MB 460-1066155/10	Method Blank	Total/NA	Water	8260D	
LCS 460-1066155/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1066155/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Eurofins Edison

QC Association Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

GC/MS Semi VOA

Prep Batch: 1064934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335984-1	SB-01_0-2_20250929	Total/NA	Solid	3546	
460-335984-2	SB-01_18-20_20250929	Total/NA	Solid	3546	
460-335984-3	SB-02_0-2_20250929	Total/NA	Solid	3546	
460-335984-4	SB-02_18-20_20250929	Total/NA	Solid	3546	
MB 460-1064934/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1064934/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1064934/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-335975-A-1-C MS	Matrix Spike	Total/NA	Solid	3546	
460-335975-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1064969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335984-1	SB-01_0-2_20250929	Total/NA	Solid	8270E	1064934
460-335984-2	SB-01_18-20_20250929	Total/NA	Solid	8270E	1064934
460-335984-3	SB-02_0-2_20250929	Total/NA	Solid	8270E	1064934
460-335984-4	SB-02_18-20_20250929	Total/NA	Solid	8270E	1064934
MB 460-1064934/1-A	Method Blank	Total/NA	Solid	8270E	1064934
LCS 460-1064934/2-A	Lab Control Sample	Total/NA	Solid	8270E	1064934
LCSD 460-1064934/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1064934
460-335975-A-1-C MS	Matrix Spike	Total/NA	Solid	8270E	1064934
460-335975-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	1064934

Prep Batch: 1065202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336108-1	SB-03_0-2_20250930	Total/NA	Solid	3546	
460-336108-2	SB-03_11-13_20250930	Total/NA	Solid	3546	
460-336108-3	SB-03_13-15_20250930	Total/NA	Solid	3546	
460-336108-4	SB-04_0-2_20250930	Total/NA	Solid	3546	
460-336108-5	SB-04_9-11_20250930	Total/NA	Solid	3546	
MB 460-1065202/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1065202/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1065202/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336092-E-1-C MS	Matrix Spike	Total/NA	Solid	3546	
460-336092-E-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1065261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336108-1	SB-03_0-2_20250930	Total/NA	Solid	8270E	1065202
460-336108-2	SB-03_11-13_20250930	Total/NA	Solid	8270E	1065202
460-336108-3	SB-03_13-15_20250930	Total/NA	Solid	8270E	1065202
460-336108-4	SB-04_0-2_20250930	Total/NA	Solid	8270E	1065202
460-336108-5	SB-04_9-11_20250930	Total/NA	Solid	8270E	1065202
MB 460-1065202/1-A	Method Blank	Total/NA	Solid	8270E	1065202
LCS 460-1065202/2-A	Lab Control Sample	Total/NA	Solid	8270E	1065202
LCSD 460-1065202/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1065202
460-336092-E-1-C MS	Matrix Spike	Total/NA	Solid	8270E	1065202
460-336092-E-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	1065202

Eurofins Edison

QC Association Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

GC Semi VOA

Prep Batch: 1064864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335984-1	SB-01_0-2_20250929	Total/NA	Solid	3546	
460-335984-2	SB-01_18-20_20250929	Total/NA	Solid	3546	
460-335984-3	SB-02_0-2_20250929	Total/NA	Solid	3546	
460-335984-4	SB-02_18-20_20250929	Total/NA	Solid	3546	
MB 460-1064864/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1064864/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1064864/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 1065003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335984-1	SB-01_0-2_20250929	Total/NA	Solid	8082A	1064864
460-335984-2	SB-01_18-20_20250929	Total/NA	Solid	8082A	1064864
460-335984-3	SB-02_0-2_20250929	Total/NA	Solid	8082A	1064864
460-335984-4	SB-02_18-20_20250929	Total/NA	Solid	8082A	1064864
MB 460-1064864/1-A	Method Blank	Total/NA	Solid	8082A	1064864
LCS 460-1064864/2-A	Lab Control Sample	Total/NA	Solid	8082A	1064864
LCSD 460-1064864/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1064864

Prep Batch: 1065150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336108-1	SB-03_0-2_20250930	Total/NA	Solid	3546	
460-336108-3	SB-03_13-15_20250930	Total/NA	Solid	3546	
460-336108-4	SB-04_0-2_20250930	Total/NA	Solid	3546	
460-336108-5	SB-04_9-11_20250930	Total/NA	Solid	3546	
MB 460-1065150/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1065150/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1065150/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-336098-A-7-A MS	Matrix Spike	Total/NA	Solid	3546	
460-336098-A-7-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1065461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336108-1	SB-03_0-2_20250930	Total/NA	Solid	8082A	1065150
460-336108-3	SB-03_13-15_20250930	Total/NA	Solid	8082A	1065150
460-336108-4	SB-04_0-2_20250930	Total/NA	Solid	8082A	1065150
460-336108-5	SB-04_9-11_20250930	Total/NA	Solid	8082A	1065150
MB 460-1065150/1-A	Method Blank	Total/NA	Solid	8082A	1065150
LCS 460-1065150/2-A	Lab Control Sample	Total/NA	Solid	8082A	1065150
LCSD 460-1065150/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1065150
460-336098-A-7-A MS	Matrix Spike	Total/NA	Solid	8082A	1065150
460-336098-A-7-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	1065150

Prep Batch: 1065763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336108-2	SB-03_11-13_20250930	Total/NA	Solid	3546	
MB 460-1065763/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1065763/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1065763/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

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QC Association Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

GC Semi VOA

Analysis Batch: 1065889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336108-2	SB-03_11-13_20250930	Total/NA	Solid	8082A	1065763
LCS 460-1065763/2-A	Lab Control Sample	Total/NA	Solid	8082A	1065763
LCSD 460-1065763/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1065763

Analysis Batch: 1066175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1065763/1-A	Method Blank	Total/NA	Solid	8082A	1065763

Metals

Prep Batch: 1065783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335984-1	SB-01_0-2_20250929	Total/NA	Solid	3050B	
460-335984-2	SB-01_18-20_20250929	Total/NA	Solid	3050B	
460-335984-3	SB-02_0-2_20250929	Total/NA	Solid	3050B	
460-335984-4	SB-02_18-20_20250929	Total/NA	Solid	3050B	
MB 460-1065783/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1065783/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-335975-A-14-F MS	Matrix Spike	Total/NA	Solid	3050B	
460-335975-A-14-E DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 1066015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335984-1	SB-01_0-2_20250929	Total/NA	Solid	6020B	1065783
460-335984-2	SB-01_18-20_20250929	Total/NA	Solid	6020B	1065783
460-335984-3	SB-02_0-2_20250929	Total/NA	Solid	6020B	1065783
460-335984-4	SB-02_18-20_20250929	Total/NA	Solid	6020B	1065783
MB 460-1065783/1-A	Method Blank	Total/NA	Solid	6020B	1065783
LCSSRM 460-1065783/2-A	Lab Control Sample	Total/NA	Solid	6020B	1065783
460-335975-A-14-F MS	Matrix Spike	Total/NA	Solid	6020B	1065783
460-335975-A-14-E DU	Duplicate	Total/NA	Solid	6020B	1065783

Prep Batch: 1066120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335984-1	SB-01_0-2_20250929	Total/NA	Solid	7471B	
460-335984-2	SB-01_18-20_20250929	Total/NA	Solid	7471B	
460-335984-3	SB-02_0-2_20250929	Total/NA	Solid	7471B	
460-335984-4	SB-02_18-20_20250929	Total/NA	Solid	7471B	
MB 460-1066120/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1066120/2-A	Lab Control Sample	Total/NA	Solid	7471B	
460-335975-A-10-G MS	Matrix Spike	Total/NA	Solid	7471B	
460-335975-A-10-F DU	Duplicate	Total/NA	Solid	7471B	

Prep Batch: 1066163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336108-1	SB-03_0-2_20250930	Total/NA	Solid	3050B	
460-336108-2	SB-03_11-13_20250930	Total/NA	Solid	3050B	
460-336108-3	SB-03_13-15_20250930	Total/NA	Solid	3050B	
460-336108-4	SB-04_0-2_20250930	Total/NA	Solid	3050B	
460-336108-5	SB-04_9-11_20250930	Total/NA	Solid	3050B	
MB 460-1066163/1-A	Method Blank	Total/NA	Solid	3050B	

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QC Association Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Metals (Continued)

Prep Batch: 1066163 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSSRM 460-1066163/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-336089-G-1-C MS	Matrix Spike	Total/NA	Solid	3050B	
460-336089-G-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	
460-336089-G-1-B DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 1066287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335984-1	SB-01_0-2_20250929	Total/NA	Solid	7471B	1066120
460-335984-2	SB-01_18-20_20250929	Total/NA	Solid	7471B	1066120
460-335984-3	SB-02_0-2_20250929	Total/NA	Solid	7471B	1066120
460-335984-4	SB-02_18-20_20250929	Total/NA	Solid	7471B	1066120
MB 460-1066120/1-A	Method Blank	Total/NA	Solid	7471B	1066120
LCSSRM 460-1066120/2-A	Lab Control Sample	Total/NA	Solid	7471B	1066120
460-335975-A-10-G MS	Matrix Spike	Total/NA	Solid	7471B	1066120
460-335975-A-10-F DU	Duplicate	Total/NA	Solid	7471B	1066120

Analysis Batch: 1066378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336108-1	SB-03_0-2_20250930	Total/NA	Solid	6020B	1066163
460-336108-2	SB-03_11-13_20250930	Total/NA	Solid	6020B	1066163
460-336108-3	SB-03_13-15_20250930	Total/NA	Solid	6020B	1066163
460-336108-4	SB-04_0-2_20250930	Total/NA	Solid	6020B	1066163
460-336108-5	SB-04_9-11_20250930	Total/NA	Solid	6020B	1066163
MB 460-1066163/1-A	Method Blank	Total/NA	Solid	6020B	1066163
LCSSRM 460-1066163/2-A	Lab Control Sample	Total/NA	Solid	6020B	1066163
460-336089-G-1-C MS	Matrix Spike	Total/NA	Solid	6020B	1066163
460-336089-G-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	6020B	1066163
460-336089-G-1-B DU	Duplicate	Total/NA	Solid	6020B	1066163

Prep Batch: 1066635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336108-1	SB-03_0-2_20250930	Total/NA	Solid	7471B	
460-336108-2	SB-03_11-13_20250930	Total/NA	Solid	7471B	
460-336108-3	SB-03_13-15_20250930	Total/NA	Solid	7471B	
460-336108-4	SB-04_0-2_20250930	Total/NA	Solid	7471B	
460-336108-5	SB-04_9-11_20250930	Total/NA	Solid	7471B	
MB 460-1066635/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1066635/2-A	Lab Control Sample	Total/NA	Solid	7471B	
460-335982-A-8-Q MS	Matrix Spike	Total/NA	Solid	7471B	
460-335982-A-8-R MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	
460-335982-A-8-P DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 1066789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336108-1	SB-03_0-2_20250930	Total/NA	Solid	7471B	1066635
460-336108-2	SB-03_11-13_20250930	Total/NA	Solid	7471B	1066635
460-336108-3	SB-03_13-15_20250930	Total/NA	Solid	7471B	1066635
460-336108-4	SB-04_0-2_20250930	Total/NA	Solid	7471B	1066635
460-336108-5	SB-04_9-11_20250930	Total/NA	Solid	7471B	1066635
MB 460-1066635/1-A	Method Blank	Total/NA	Solid	7471B	1066635
LCSSRM 460-1066635/2-A	Lab Control Sample	Total/NA	Solid	7471B	1066635

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QC Association Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Metals (Continued)

Analysis Batch: 1066789 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335982-A-8-Q MS	Matrix Spike	Total/NA	Solid	7471B	1066635
460-335982-A-8-R MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	1066635
460-335982-A-8-P DU	Duplicate	Total/NA	Solid	7471B	1066635

General Chemistry

Analysis Batch: 1065426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-335984-1	SB-01_0-2_20250929	Total/NA	Solid	Moisture	
460-335984-2	SB-01_18-20_20250929	Total/NA	Solid	Moisture	
460-335984-3	SB-02_0-2_20250929	Total/NA	Solid	Moisture	
460-335984-4	SB-02_18-20_20250929	Total/NA	Solid	Moisture	
460-335983-D-1 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 1066073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336108-1	SB-03_0-2_20250930	Total/NA	Solid	Moisture	
460-336108-2	SB-03_11-13_20250930	Total/NA	Solid	Moisture	
460-336108-3	SB-03_13-15_20250930	Total/NA	Solid	Moisture	
460-336108-4	SB-04_0-2_20250930	Total/NA	Solid	Moisture	
460-336108-5	SB-04_9-11_20250930	Total/NA	Solid	Moisture	
460-336100-D-4 DU	Duplicate	Total/NA	Solid	Moisture	

Lab Chronicle

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-01_0-2_20250929

Lab Sample ID: 460-335984-1

Date Collected: 09/29/25 08:30

Matrix: Solid

Date Received: 09/29/25 19:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Client Sample ID: SB-01_0-2_20250929

Lab Sample ID: 460-335984-1

Date Collected: 09/29/25 08:30

Matrix: Solid

Date Received: 09/29/25 19:45

Percent Solids: 97.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064822	JCZ	EET EDI	09/30/25 12:46
Total/NA	Analysis	8260D		1	1065536	AAT	EET EDI	10/03/25 14:22
Total/NA	Prep	3546			1064934	GXY	EET EDI	09/30/25 22:25
Total/NA	Analysis	8270E		1	1064969	DXD	EET EDI	10/01/25 14:27
Total/NA	Prep	3546			1064864	ARA	EET EDI	09/30/25 16:47
Total/NA	Analysis	8082A		1	1065003	AAA	EET EDI	10/01/25 10:52
Total/NA	Prep	3050B			1065783	GAE	EET EDI	10/03/25 19:40
Total/NA	Analysis	6020B		1	1066015	CDC	EET EDI	10/04/25 19:44
Total/NA	Prep	7471B			1066120	TJS	EET EDI	10/06/25 01:32
Total/NA	Analysis	7471B		5	1066287	TJS	EET EDI	10/06/25 13:26

Client Sample ID: SB-01_18-20_20250929

Lab Sample ID: 460-335984-2

Date Collected: 09/29/25 09:00

Matrix: Solid

Date Received: 09/29/25 19:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Client Sample ID: SB-01_18-20_20250929

Lab Sample ID: 460-335984-2

Date Collected: 09/29/25 09:00

Matrix: Solid

Date Received: 09/29/25 19:45

Percent Solids: 98.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064822	JCZ	EET EDI	09/30/25 12:47
Total/NA	Analysis	8260D		1	1065536	AAT	EET EDI	10/03/25 14:46
Total/NA	Prep	3546			1064934	GXY	EET EDI	09/30/25 22:25
Total/NA	Analysis	8270E		1	1064969	DXD	EET EDI	10/01/25 14:50
Total/NA	Prep	3546			1064864	ARA	EET EDI	09/30/25 16:47
Total/NA	Analysis	8082A		1	1065003	AAA	EET EDI	10/01/25 11:08
Total/NA	Prep	3050B			1065783	GAE	EET EDI	10/03/25 19:40
Total/NA	Analysis	6020B		1	1066015	CDC	EET EDI	10/04/25 19:30
Total/NA	Prep	7471B			1066120	TJS	EET EDI	10/06/25 01:32
Total/NA	Analysis	7471B		1	1066287	TJS	EET EDI	10/06/25 12:35

Lab Chronicle

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-02_0-2_20250929

Lab Sample ID: 460-335984-3

Date Collected: 09/29/25 12:10

Matrix: Solid

Date Received: 09/29/25 19:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Client Sample ID: SB-02_0-2_20250929

Lab Sample ID: 460-335984-3

Date Collected: 09/29/25 12:10

Matrix: Solid

Date Received: 09/29/25 19:45

Percent Solids: 99.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064822	JCZ	EET EDI	09/30/25 12:48
Total/NA	Analysis	8260D		1	1065536	AAT	EET EDI	10/03/25 15:11
Total/NA	Prep	3546			1064934	GXY	EET EDI	09/30/25 22:25
Total/NA	Analysis	8270E		1	1064969	DXD	EET EDI	10/01/25 15:13
Total/NA	Prep	3546			1064864	ARA	EET EDI	09/30/25 16:47
Total/NA	Analysis	8082A		1	1065003	AAA	EET EDI	10/01/25 11:25
Total/NA	Prep	3050B			1065783	GAE	EET EDI	10/03/25 19:40
Total/NA	Analysis	6020B		1	1066015	CDC	EET EDI	10/04/25 19:38
Total/NA	Prep	7471B			1066120	TJS	EET EDI	10/06/25 01:32
Total/NA	Analysis	7471B		1	1066287	TJS	EET EDI	10/06/25 12:38

Client Sample ID: SB-02_18-20_20250929

Lab Sample ID: 460-335984-4

Date Collected: 09/29/25 12:20

Matrix: Solid

Date Received: 09/29/25 19:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1065426	CJC	EET EDI	10/02/25 17:24

Client Sample ID: SB-02_18-20_20250929

Lab Sample ID: 460-335984-4

Date Collected: 09/29/25 12:20

Matrix: Solid

Date Received: 09/29/25 19:45

Percent Solids: 96.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1064822	JCZ	EET EDI	09/30/25 12:49
Total/NA	Analysis	8260D		1	1065633	AAT	EET EDI	10/03/25 19:45
Total/NA	Prep	3546			1064934	GXY	EET EDI	09/30/25 22:25
Total/NA	Analysis	8270E		1	1064969	DXD	EET EDI	10/01/25 15:35
Total/NA	Prep	3546			1064864	ARA	EET EDI	09/30/25 16:47
Total/NA	Analysis	8082A		1	1065003	AAA	EET EDI	10/01/25 11:42
Total/NA	Prep	3050B			1065783	GAE	EET EDI	10/03/25 19:40
Total/NA	Analysis	6020B		1	1066015	CDC	EET EDI	10/04/25 19:41
Total/NA	Prep	7471B			1066120	TJS	EET EDI	10/06/25 01:32
Total/NA	Analysis	7471B		1	1066287	TJS	EET EDI	10/06/25 12:41

Lab Chronicle

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-03_0-2_20250930

Lab Sample ID: 460-336108-1

Date Collected: 09/30/25 08:40

Matrix: Solid

Date Received: 09/30/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066073	CJC	EET EDI	10/05/25 14:32

Client Sample ID: SB-03_0-2_20250930

Lab Sample ID: 460-336108-1

Date Collected: 09/30/25 08:40

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065295	JCZ	EET EDI	10/02/25 07:29
Total/NA	Analysis	8260D		1	1065826	AAT	EET EDI	10/04/25 07:37
Total/NA	Prep	3546			1065202	GXY	EET EDI	10/01/25 20:32
Total/NA	Analysis	8270E		1	1065261	DXD	EET EDI	10/02/25 09:30
Total/NA	Prep	3546			1065150	ARA	EET EDI	10/01/25 16:44
Total/NA	Analysis	8082A		1	1065461	MJS	EET EDI	10/02/25 23:09
Total/NA	Prep	3050B			1066163	FBT	EET EDI	10/06/25 06:43
Total/NA	Analysis	6020B		1	1066378	DLE	EET EDI	10/06/25 17:58
Total/NA	Prep	7471B			1066635	TJS	EET EDI	10/08/25 02:16
Total/NA	Analysis	7471B		1	1066789	TJS	EET EDI	10/08/25 09:03

Client Sample ID: SB-03_11-13_20250930

Lab Sample ID: 460-336108-2

Date Collected: 09/30/25 10:40

Matrix: Solid

Date Received: 09/30/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066073	CJC	EET EDI	10/05/25 14:32

Client Sample ID: SB-03_11-13_20250930

Lab Sample ID: 460-336108-2

Date Collected: 09/30/25 10:40

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065295	JCZ	EET EDI	10/02/25 07:30
Total/NA	Analysis	8260D		1	1065826	AAT	EET EDI	10/04/25 08:02
Total/NA	Prep	3546			1065202	GXY	EET EDI	10/01/25 20:32
Total/NA	Analysis	8270E		1	1065261	DXD	EET EDI	10/02/25 09:51
Total/NA	Prep	3546			1065763	ARA	EET EDI	10/03/25 18:57
Total/NA	Analysis	8082A		1	1065889	AAA	EET EDI	10/04/25 12:52
Total/NA	Prep	3050B			1066163	FBT	EET EDI	10/06/25 06:43
Total/NA	Analysis	6020B		1	1066378	DLE	EET EDI	10/06/25 18:01
Total/NA	Prep	7471B			1066635	TJS	EET EDI	10/08/25 02:16
Total/NA	Analysis	7471B		1	1066789	TJS	EET EDI	10/08/25 09:06

Lab Chronicle

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-03_13-15_20250930

Lab Sample ID: 460-336108-3

Date Collected: 09/30/25 10:45

Matrix: Solid

Date Received: 09/30/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066073	CJC	EET EDI	10/05/25 14:32

Client Sample ID: SB-03_13-15_20250930

Lab Sample ID: 460-336108-3

Date Collected: 09/30/25 10:45

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065295	JCZ	EET EDI	10/02/25 07:30
Total/NA	Analysis	8260D		1	1065826	AAT	EET EDI	10/04/25 08:28
Total/NA	Prep	3546			1065202	GXY	EET EDI	10/01/25 20:32
Total/NA	Analysis	8270E		1	1065261	DXD	EET EDI	10/02/25 10:13
Total/NA	Prep	3546			1065150	ARA	EET EDI	10/01/25 16:44
Total/NA	Analysis	8082A		1	1065461	MJS	EET EDI	10/02/25 23:42
Total/NA	Prep	3050B			1066163	FBT	EET EDI	10/06/25 06:43
Total/NA	Analysis	6020B		1	1066378	DLE	EET EDI	10/06/25 18:04
Total/NA	Prep	7471B			1066635	TJS	EET EDI	10/08/25 02:16
Total/NA	Analysis	7471B		1	1066789	TJS	EET EDI	10/08/25 09:09

Client Sample ID: SB-04_0-2_20250930

Lab Sample ID: 460-336108-4

Date Collected: 09/30/25 12:45

Matrix: Solid

Date Received: 09/30/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066073	CJC	EET EDI	10/05/25 14:32

Client Sample ID: SB-04_0-2_20250930

Lab Sample ID: 460-336108-4

Date Collected: 09/30/25 12:45

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 99.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065295	JCZ	EET EDI	10/02/25 07:31
Total/NA	Analysis	8260D		1	1065826	AAT	EET EDI	10/04/25 08:52
Total/NA	Prep	3546			1065202	GXY	EET EDI	10/01/25 20:32
Total/NA	Analysis	8270E		1	1065261	DXD	EET EDI	10/02/25 10:56
Total/NA	Prep	3546			1065150	ARA	EET EDI	10/01/25 16:44
Total/NA	Analysis	8082A		1	1065461	MJS	EET EDI	10/02/25 23:58
Total/NA	Prep	3050B			1066163	FBT	EET EDI	10/06/25 06:43
Total/NA	Analysis	6020B		1	1066378	DLE	EET EDI	10/06/25 18:13
Total/NA	Prep	7471B			1066635	TJS	EET EDI	10/08/25 02:16
Total/NA	Analysis	7471B		1	1066789	TJS	EET EDI	10/08/25 09:12

Lab Chronicle

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Client Sample ID: SB-04_9-11_20250930

Lab Sample ID: 460-336108-5

Date Collected: 09/30/25 12:45

Matrix: Solid

Date Received: 09/30/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1066073	CJC	EET EDI	10/05/25 14:32

Client Sample ID: SB-04_9-11_20250930

Lab Sample ID: 460-336108-5

Date Collected: 09/30/25 12:45

Matrix: Solid

Date Received: 09/30/25 19:20

Percent Solids: 98.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1065295	JCZ	EET EDI	10/02/25 07:31
Total/NA	Analysis	8260D		1	1065826	AAT	EET EDI	10/04/25 15:57
Total/NA	Prep	3546			1065202	GXY	EET EDI	10/01/25 20:32
Total/NA	Analysis	8270E		1	1065261	DXD	EET EDI	10/02/25 10:34
Total/NA	Prep	3546			1065150	ARA	EET EDI	10/01/25 16:44
Total/NA	Analysis	8082A		1	1065461	MJS	EET EDI	10/03/25 00:15
Total/NA	Prep	3050B			1066163	FBT	EET EDI	10/06/25 06:43
Total/NA	Analysis	6020B		1	1066378	DLE	EET EDI	10/06/25 18:16
Total/NA	Prep	7471B			1066635	TJS	EET EDI	10/08/25 02:16
Total/NA	Analysis	7471B		1	1066789	TJS	EET EDI	10/08/25 09:15

Client Sample ID: TB-01_20250930

Lab Sample ID: 460-336108-6

Date Collected: 09/30/25 12:45

Matrix: Water

Date Received: 09/30/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1066155	CJM	EET EDI	10/06/25 11:52

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
6020B	Metals (ICP/MS)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
3050B	Preparation, Metals	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-335984-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-335984-1	SB-01_0-2_20250929	Solid	09/29/25 08:30	09/29/25 19:45	New York
460-335984-2	SB-01_18-20_20250929	Solid	09/29/25 09:00	09/29/25 19:45	New York
460-335984-3	SB-02_0-2_20250929	Solid	09/29/25 12:10	09/29/25 19:45	New York
460-335984-4	SB-02_18-20_20250929	Solid	09/29/25 12:20	09/29/25 19:45	New York
460-336108-1	SB-03_0-2_20250930	Solid	09/30/25 08:40	09/30/25 19:20	New York
460-336108-2	SB-03_11-13_20250930	Solid	09/30/25 10:40	09/30/25 19:20	New York
460-336108-3	SB-03_13-15_20250930	Solid	09/30/25 10:45	09/30/25 19:20	New York
460-336108-4	SB-04_0-2_20250930	Solid	09/30/25 12:45	09/30/25 19:20	New York
460-336108-5	SB-04_9-11_20250930	Solid	09/30/25 12:45	09/30/25 19:20	New York
460-336108-6	TB-01_20250930	Water	09/30/25 12:45	09/30/25 19:20	New York

Chain of Custody Record

• eurofins

335984

Client Information Client Contact: Charles MacArthur Company: AKRF Inc		Lab PM: Flannery Elizabeth J E-Mail: Elizabeth.Flannery@et.eurofinsus.com		Carrier Tracking No(s): Date of Origin: NY		COC No: 460-200496-131169.1 Page: Page 1 of 1 Job #: 250825																					
Address: 4440 Park Avenue South 7th Floor City: New York State: NY Zip: 10016 Phone: 203-505-3295 (Tel) Email: cmacarthu@akrf.com		Project Name: 23-56 Broadway Project #: 46048120 SSOW#:		Analysis Requested Due Date Requested: TAT Requested (days): Standard Compliance Project: ☐ Yes ☒ No PO #: 250825 WO #:		Preservation Codes: N None A HCL																					
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, BT=Butter, Air, DW=Drinking Water)		Field Filtered Sample (Yes or No)		Param MS/MSD (Yes or No)		8260D TCL/Part 375 VOCs		6020B, 7471B, 8092A, 8270E		8260D TCL/Part 375 VOCs		8270E TCL/Part 375 BNAAs		Other		Total Number of Containers		Special Instructions/Note:	
SB-01-0-2-20250929		9/29/25		0830		C/G		Solid		N		N		N		N		N		N		1					
SB-01-18-20-20250929		9/29/25		0900		C/G		Solid		N		N		N		N		N		N		2					
SB-02-0-2-20250929		9/29/25		1210		L/G		Solid		N		N		N		N		N		N		3					
SB-02-18-20-20250929		9/29/25		1225		L/G		Solid		N		N		N		N		N		N		4					
								Solid																			
								Solid																			
								Solid																			
								Solid																			
								Solid																			
								Water																			
								Water																			

SHORT
HOLD

460-335984 Chain of Custody

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
 Special Instructions/QC Requirements: Keep SDG OPEN

Relinquished by: C. MacArthur
 Date/Time: 9/29/25 1400
 Relinquished by: [Signature]
 Date/Time: 9/29/25 0900
 Relinquished by: [Signature]
 Date/Time: 9/29/25 1945
 Custody Seal No. 110 CS
 Custody Seals Intact: ☒ Yes ☐ No

335984

IR Gun #

Cooler Temperatures

RAW				CONNECTED				RAW				CONNECTED			
Cooler #1:	25	0	220	Cooler #4:			0	Cooler #7:			0	Cooler #8:			0
Cooler #2:			0	Cooler #5:			0	Cooler #9:			0				
Cooler #3:			0	Cooler #6:			0								

[illegible]

If pH adjustments are required record the information below-

0 100 200 300 400 500 600 700 800 900 1000

Volume of Preservative used (ml)

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted. Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Initials MM

Address:

TAL-82-0

Client Contact						Project Manager: Patrick Duggan		Site Contact: C. McArthur		Date: 9/30/25		COC No:	
Company Name: AKRF, Inc.						Tel/Email: pduggan@akrf.com		Lab Contact: Liz Finnerly					
Address: 440 Park Ave S.W., 7th Floor						Analysis Turnaround Time		Carrier					
City/State/Zip: New York, NY, 10016						☐ WORKING DAYS							
Phone: 203-505-3295						☐ TAT if different from Below							
Fax:						☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day							
Project Name: 23-56 Broadway Phase II						standard							
Site: QUEENS, NY													
PO # 250825													
Sample Identification						Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes:
SB-03-G-2-20250930						9/30	0840	L/G	S	5	N	X	
SB-03-LI-B-20250930						9/30	1040	L/G	S	5	N	X	
SB-03-LI-B-20250930						9/30	1045	L/G	S	5	N	X	
SB-04-O-2-20250930						9/30	1245	L/G	S	5	N	X	
SB-04-Q-11-20250930						9/30	1245	L/G	S	5	N	X	
PB-01-20250930						9/30	1245	L/G	W	2	N	X	VCS only



460-336108 Chain of Custody

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-hazard
 ☐ Flammable
 ☐ Skin Irritant
 ☒ Unknown
 ☐ Poison B
 ☒ Disposal by Lab
 ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

CAT A deliverables Close SDG 1890910.6

Custody Seals Intact: ☐ Yes ☐ No

Relinquished by: C. McArthur Company: AKRF Date/Time: 9/30

Relinquished by: [Signature] Company: [Blank] Date/Time: [Blank]

Relinquished by: [Signature] Company: EET Date/Time: 9/30/25 1900

Date/Time: 9/30/25 15.30
Date/Time: 9/30/25 1700
Date/Time: 9/30/25 1900

Therm ID No.: _____
 Cooler Temp °C: Obs'd: _____ Cor'd: _____

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other _____

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client
 ☒ Disposal by Lab
 ☐ Archive for _____ Months

Page 120 of 128

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-335984-1

Login Number: 335984

List Source: Eurofins Edison

List Number: 1

Creator: Thundathorn, Sukanan 1

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-335984-1

Login Number: 336108

List Number: 1

Creator: Rivera, Kenneth

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Edison



ANALYTICAL REPORT

PREPARED FOR

Attn: Charles MacArthur
AKRF Inc
440 Park Avenue South
7th Floor
New York NY 10016

Generated 10/8/2025 2:21 PM

JOB DESCRIPTION

23-56 Broadway, Astoria, Queens, NY

JOB NUMBER

460-336014-1

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



Generated
10/8/2025 2:21 PM

Authorized for release by
Elizabeth J Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
732 549-3900

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Definitions/Glossary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

**Job Narrative
460-336014-1**

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 9/29/2025 7:45 PM and 9/30/2025 7:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Method TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Samples SV-01_20250929 (460-336014-1), AA-01_20250929 (460-336014-2), SV-03_20250930 (460-336049-1) and SV-04_20250930 (460-336049-2) were analyzed for Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS). The samples were analyzed on 10/6/2025 and 10/7/2025.

Sample SV-04_20250930 (460-336049-2)[4x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Detection Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Client Sample ID: SV-01_20250929

Lab Sample ID: 460-336014-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,3-Dichlorobenzene	0.61	J	1.2	0.45	ug/m3	1			TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	4.9		1.5	1.5	ug/m3	1			TO 15 LL	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.6		2.1	0.53	ug/m3	1			TO 15 LL	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.75	J	2.1	0.62	ug/m3	1			TO 15 LL	Total/NA
Acetone	49		12	3.8	ug/m3	1			TO 15 LL	Total/NA
Benzene	1.6		0.64	0.14	ug/m3	1			TO 15 LL	Total/NA
Carbon disulfide	0.97	J	1.6	0.41	ug/m3	1			TO 15 LL	Total/NA
Carbon tetrachloride	0.41		0.22	0.14	ug/m3	1			TO 15 LL	Total/NA
Chlorodifluoromethane	1.2	J	1.8	0.42	ug/m3	1			TO 15 LL	Total/NA
Chloroform	0.64	J	0.98	0.20	ug/m3	1			TO 15 LL	Total/NA
Cyclohexane	0.53	J	0.69	0.11	ug/m3	1			TO 15 LL	Total/NA
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3	1			TO 15 LL	Total/NA
Ethylbenzene	4.8		0.87	0.23	ug/m3	1			TO 15 LL	Total/NA
n-Heptane	0.57	J	0.82	0.23	ug/m3	1			TO 15 LL	Total/NA
n-Hexane	0.46	J	1.8	0.39	ug/m3	1			TO 15 LL	Total/NA
2,2,4-Trimethylpentane	0.47	J	0.93	0.18	ug/m3	1			TO 15 LL	Total/NA
Cumene	0.50	J	0.98	0.20	ug/m3	1			TO 15 LL	Total/NA
m,p-Xylene	14		2.2	0.41	ug/m3	1			TO 15 LL	Total/NA
o-Xylene	3.3		0.87	0.23	ug/m3	1			TO 15 LL	Total/NA
tert-Butyl alcohol	9.0	J	15	3.6	ug/m3	1			TO 15 LL	Total/NA
Tetrachloroethene	11		1.4	0.14	ug/m3	1			TO 15 LL	Total/NA
Toluene	4.2		0.75	0.16	ug/m3	1			TO 15 LL	Total/NA
Trichlorofluoromethane	2.7		1.1	0.28	ug/m3	1			TO 15 LL	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,3-Dichlorobenzene	0.10	J	0.20	0.074	ppb v/v	1			TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.7		0.50	0.49	ppb v/v	1			TO 15 LL	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.63		0.50	0.13	ppb v/v	1			TO 15 LL	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.18	J	0.50	0.15	ppb v/v	1			TO 15 LL	Total/NA
Acetone	21		5.0	1.6	ppb v/v	1			TO 15 LL	Total/NA
Benzene	0.50		0.20	0.044	ppb v/v	1			TO 15 LL	Total/NA
Carbon disulfide	0.31	J	0.50	0.13	ppb v/v	1			TO 15 LL	Total/NA
Carbon tetrachloride	0.065		0.035	0.022	ppb v/v	1			TO 15 LL	Total/NA
Chlorodifluoromethane	0.33	J	0.50	0.12	ppb v/v	1			TO 15 LL	Total/NA
Chloroform	0.13	J	0.20	0.041	ppb v/v	1			TO 15 LL	Total/NA
Cyclohexane	0.15	J	0.20	0.032	ppb v/v	1			TO 15 LL	Total/NA
Dichlorodifluoromethane	0.43	J	0.50	0.11	ppb v/v	1			TO 15 LL	Total/NA
Ethylbenzene	1.1		0.20	0.052	ppb v/v	1			TO 15 LL	Total/NA
n-Heptane	0.14	J	0.20	0.055	ppb v/v	1			TO 15 LL	Total/NA
n-Hexane	0.13	J	0.50	0.11	ppb v/v	1			TO 15 LL	Total/NA
2,2,4-Trimethylpentane	0.10	J	0.20	0.038	ppb v/v	1			TO 15 LL	Total/NA
Cumene	0.10	J	0.20	0.041	ppb v/v	1			TO 15 LL	Total/NA
m,p-Xylene	3.2		0.50	0.095	ppb v/v	1			TO 15 LL	Total/NA
o-Xylene	0.75		0.20	0.052	ppb v/v	1			TO 15 LL	Total/NA
tert-Butyl alcohol	3.0	J	5.0	1.2	ppb v/v	1			TO 15 LL	Total/NA
Tetrachloroethene	1.6		0.20	0.021	ppb v/v	1			TO 15 LL	Total/NA
Toluene	1.1		0.20	0.042	ppb v/v	1			TO 15 LL	Total/NA
Trichlorofluoromethane	0.48		0.20	0.050	ppb v/v	1			TO 15 LL	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Client Sample ID: AA-01_20250929

Lab Sample ID: 460-336014-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.60	J	2.1	0.53	ug/m3	1		TO 15 LL	Total/NA
Acetone	14		12	3.8	ug/m3	1		TO 15 LL	Total/NA
Benzene	0.49	J	0.64	0.14	ug/m3	1		TO 15 LL	Total/NA
Carbon tetrachloride	0.51		0.22	0.14	ug/m3	1		TO 15 LL	Total/NA
Chlorodifluoromethane	0.98	J	1.8	0.42	ug/m3	1		TO 15 LL	Total/NA
Chloromethane	0.89	J	1.0	0.31	ug/m3	1		TO 15 LL	Total/NA
Cyclohexane	0.23	J	0.69	0.11	ug/m3	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	2.3	J	2.5	0.54	ug/m3	1		TO 15 LL	Total/NA
2,2,4-Trimethylpentane	0.80	J	0.93	0.18	ug/m3	1		TO 15 LL	Total/NA
m,p-Xylene	0.70	J	2.2	0.41	ug/m3	1		TO 15 LL	Total/NA
Methyl methacrylate	1.3	J	2.1	0.57	ug/m3	1		TO 15 LL	Total/NA
Toluene	2.1		0.75	0.16	ug/m3	1		TO 15 LL	Total/NA
Trichlorofluoromethane	1.3		1.1	0.28	ug/m3	1		TO 15 LL	Total/NA
n-Butane	1.7		1.2	0.48	ug/m3	1		TO 15 LL	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.15	J	0.50	0.13	ppb v/v	1		TO 15 LL	Total/NA
Acetone	5.8		5.0	1.6	ppb v/v	1		TO 15 LL	Total/NA
Benzene	0.15	J	0.20	0.044	ppb v/v	1		TO 15 LL	Total/NA
Carbon tetrachloride	0.081		0.035	0.022	ppb v/v	1		TO 15 LL	Total/NA
Chlorodifluoromethane	0.28	J	0.50	0.12	ppb v/v	1		TO 15 LL	Total/NA
Chloromethane	0.43	J	0.50	0.15	ppb v/v	1		TO 15 LL	Total/NA
Cyclohexane	0.068	J	0.20	0.032	ppb v/v	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	0.46	J	0.50	0.11	ppb v/v	1		TO 15 LL	Total/NA
2,2,4-Trimethylpentane	0.17	J	0.20	0.038	ppb v/v	1		TO 15 LL	Total/NA
m,p-Xylene	0.16	J	0.50	0.095	ppb v/v	1		TO 15 LL	Total/NA
Methyl methacrylate	0.33	J	0.50	0.14	ppb v/v	1		TO 15 LL	Total/NA
Toluene	0.55		0.20	0.042	ppb v/v	1		TO 15 LL	Total/NA
Trichlorofluoromethane	0.24		0.20	0.050	ppb v/v	1		TO 15 LL	Total/NA
n-Butane	0.73		0.50	0.20	ppb v/v	1		TO 15 LL	Total/NA

Client Sample ID: SV-03_20250930

Lab Sample ID: 460-336049-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	110		0.98	0.39	ug/m3	1		TO 15 LL	Total/NA
1,3,5-Trimethylbenzene	41		0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
1,3-Butadiene	0.74		0.44	0.086	ug/m3	1		TO 15 LL	Total/NA
1,3-Dichlorobenzene	2.3		1.2	0.45	ug/m3	1		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	6.3		1.5	1.5	ug/m3	1		TO 15 LL	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.3		2.1	0.53	ug/m3	1		TO 15 LL	Total/NA
Methyl Butyl Ketone (2-Hexanone)	42		2.1	0.62	ug/m3	1		TO 15 LL	Total/NA
Acetone	28		12	3.8	ug/m3	1		TO 15 LL	Total/NA
Benzene	14		0.64	0.14	ug/m3	1		TO 15 LL	Total/NA
Carbon disulfide	3.9		1.6	0.41	ug/m3	1		TO 15 LL	Total/NA
Carbon tetrachloride	0.46		0.22	0.14	ug/m3	1		TO 15 LL	Total/NA
Chlorodifluoromethane	1.1	J	1.8	0.42	ug/m3	1		TO 15 LL	Total/NA
Chloroform	0.62	J	0.98	0.20	ug/m3	1		TO 15 LL	Total/NA
Chloromethane	0.38	J	1.0	0.31	ug/m3	1		TO 15 LL	Total/NA
Cyclohexane	15		0.69	0.11	ug/m3	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3	1		TO 15 LL	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Client Sample ID: SV-03_20250930 (Continued)

Lab Sample ID: 460-336049-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Ethylbenzene	72		0.87	0.23	ug/m3	1			TO 15 LL	Total/NA
n-Heptane	25		0.82	0.23	ug/m3	1			TO 15 LL	Total/NA
n-Hexane	16		1.8	0.39	ug/m3	1			TO 15 LL	Total/NA
2,2,4-Trimethylpentane	25		0.93	0.18	ug/m3	1			TO 15 LL	Total/NA
Cumene	20		0.98	0.20	ug/m3	1			TO 15 LL	Total/NA
m,p-Xylene	300		2.2	0.41	ug/m3	1			TO 15 LL	Total/NA
Methyl tert-butyl ether	0.62	J	0.72	0.13	ug/m3	1			TO 15 LL	Total/NA
Naphthalene	2.3		2.0	1.6	ug/m3	1			TO 15 LL	Total/NA
o-Xylene	130		0.87	0.23	ug/m3	1			TO 15 LL	Total/NA
Tetrachloroethene	120		1.4	0.14	ug/m3	1			TO 15 LL	Total/NA
Toluene	170		0.75	0.16	ug/m3	1			TO 15 LL	Total/NA
trans-1,2-Dichloroethene	0.61	J	0.79	0.091	ug/m3	1			TO 15 LL	Total/NA
Trichloroethene	7.2		0.20	0.13	ug/m3	1			TO 15 LL	Total/NA
Trichlorofluoromethane	5.9		1.1	0.28	ug/m3	1			TO 15 LL	Total/NA
N-Propylbenzene	23		0.98	0.23	ug/m3	1			TO 15 LL	Total/NA
n-Butylbenzene	3.3		1.1	0.60	ug/m3	1			TO 15 LL	Total/NA
sec-Butylbenzene	2.5		1.1	0.25	ug/m3	1			TO 15 LL	Total/NA
n-Butane	12		1.2	0.48	ug/m3	1			TO 15 LL	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	23		0.20	0.080	ppb v/v	1			TO 15 LL	Total/NA
1,3,5-Trimethylbenzene	8.3		0.20	0.047	ppb v/v	1			TO 15 LL	Total/NA
1,3-Butadiene	0.33		0.20	0.039	ppb v/v	1			TO 15 LL	Total/NA
1,3-Dichlorobenzene	0.39		0.20	0.074	ppb v/v	1			TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.1		0.50	0.49	ppb v/v	1			TO 15 LL	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.57		0.50	0.13	ppb v/v	1			TO 15 LL	Total/NA
Methyl Butyl Ketone (2-Hexanone)	10		0.50	0.15	ppb v/v	1			TO 15 LL	Total/NA
Acetone	12		5.0	1.6	ppb v/v	1			TO 15 LL	Total/NA
Benzene	4.3		0.20	0.044	ppb v/v	1			TO 15 LL	Total/NA
Carbon disulfide	1.2		0.50	0.13	ppb v/v	1			TO 15 LL	Total/NA
Carbon tetrachloride	0.074		0.035	0.022	ppb v/v	1			TO 15 LL	Total/NA
Chlorodifluoromethane	0.30	J	0.50	0.12	ppb v/v	1			TO 15 LL	Total/NA
Chloroform	0.13	J	0.20	0.041	ppb v/v	1			TO 15 LL	Total/NA
Chloromethane	0.18	J	0.50	0.15	ppb v/v	1			TO 15 LL	Total/NA
Cyclohexane	4.3		0.20	0.032	ppb v/v	1			TO 15 LL	Total/NA
Dichlorodifluoromethane	0.43	J	0.50	0.11	ppb v/v	1			TO 15 LL	Total/NA
Ethylbenzene	17		0.20	0.052	ppb v/v	1			TO 15 LL	Total/NA
n-Heptane	6.0		0.20	0.055	ppb v/v	1			TO 15 LL	Total/NA
n-Hexane	4.4		0.50	0.11	ppb v/v	1			TO 15 LL	Total/NA
2,2,4-Trimethylpentane	5.4		0.20	0.038	ppb v/v	1			TO 15 LL	Total/NA
Cumene	4.1		0.20	0.041	ppb v/v	1			TO 15 LL	Total/NA
m,p-Xylene	70		0.50	0.095	ppb v/v	1			TO 15 LL	Total/NA
Methyl tert-butyl ether	0.17	J	0.20	0.036	ppb v/v	1			TO 15 LL	Total/NA
Naphthalene	0.43		0.38	0.30	ppb v/v	1			TO 15 LL	Total/NA
o-Xylene	29		0.20	0.052	ppb v/v	1			TO 15 LL	Total/NA
Tetrachloroethene	18		0.20	0.021	ppb v/v	1			TO 15 LL	Total/NA
Toluene	45		0.20	0.042	ppb v/v	1			TO 15 LL	Total/NA
trans-1,2-Dichloroethene	0.15	J	0.20	0.023	ppb v/v	1			TO 15 LL	Total/NA
Trichloroethene	1.3		0.037	0.025	ppb v/v	1			TO 15 LL	Total/NA
Trichlorofluoromethane	1.1		0.20	0.050	ppb v/v	1			TO 15 LL	Total/NA
N-Propylbenzene	4.7		0.20	0.047	ppb v/v	1			TO 15 LL	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Client Sample ID: SV-03_20250930 (Continued)

Lab Sample ID: 460-336049-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butylbenzene	0.60		0.20	0.11	ppb v/v	1		TO 15 LL	Total/NA
sec-Butylbenzene	0.46		0.20	0.045	ppb v/v	1		TO 15 LL	Total/NA
n-Butane	5.2		0.50	0.20	ppb v/v	1		TO 15 LL	Total/NA

Client Sample ID: SV-04_20250930

Lab Sample ID: 460-336049-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	5.2		1.1	0.24	ug/m3	1		TO 15 LL	Total/NA
1,2,4-Trimethylbenzene	57		0.98	0.39	ug/m3	1		TO 15 LL	Total/NA
1,3,5-Trimethylbenzene	23		0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
1,3-Dichlorobenzene	0.83	J	1.2	0.45	ug/m3	1		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	11		1.5	1.5	ug/m3	1		TO 15 LL	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.3	J	2.1	0.53	ug/m3	1		TO 15 LL	Total/NA
Methyl Butyl Ketone (2-Hexanone)	7.0		2.1	0.62	ug/m3	1		TO 15 LL	Total/NA
Benzene	25		0.64	0.14	ug/m3	1		TO 15 LL	Total/NA
Carbon disulfide	3.4		1.6	0.41	ug/m3	1		TO 15 LL	Total/NA
Carbon tetrachloride	0.46		0.22	0.14	ug/m3	1		TO 15 LL	Total/NA
Chlorodifluoromethane	1.2	J	1.8	0.42	ug/m3	1		TO 15 LL	Total/NA
Chloroform	2.2		0.98	0.20	ug/m3	1		TO 15 LL	Total/NA
Chloromethane	0.32	J	1.0	0.31	ug/m3	1		TO 15 LL	Total/NA
cis-1,2-Dichloroethene	4.4		0.20	0.083	ug/m3	1		TO 15 LL	Total/NA
Cyclohexane	25		0.69	0.11	ug/m3	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	2.0	J	2.5	0.54	ug/m3	1		TO 15 LL	Total/NA
Ethylbenzene	100		0.87	0.23	ug/m3	1		TO 15 LL	Total/NA
1,1,2-Trichlorotrifluoroethane	0.52	J	1.5	0.41	ug/m3	1		TO 15 LL	Total/NA
n-Heptane	49		0.82	0.23	ug/m3	1		TO 15 LL	Total/NA
n-Hexane	30		1.8	0.39	ug/m3	1		TO 15 LL	Total/NA
2,2,4-Trimethylpentane	54		0.93	0.18	ug/m3	1		TO 15 LL	Total/NA
Cumene	24		0.98	0.20	ug/m3	1		TO 15 LL	Total/NA
m,p-Xylene	380		2.2	0.41	ug/m3	1		TO 15 LL	Total/NA
Methyl tert-butyl ether	0.30	J	0.72	0.13	ug/m3	1		TO 15 LL	Total/NA
o-Xylene	150		0.87	0.23	ug/m3	1		TO 15 LL	Total/NA
trans-1,2-Dichloroethene	3.2		0.79	0.091	ug/m3	1		TO 15 LL	Total/NA
Trichloroethene	78		0.20	0.13	ug/m3	1		TO 15 LL	Total/NA
Trichlorofluoromethane	26		1.1	0.28	ug/m3	1		TO 15 LL	Total/NA
N-Propylbenzene	19		0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
n-Butylbenzene	0.83	J	1.1	0.60	ug/m3	1		TO 15 LL	Total/NA
4-Isopropyltoluene	1.0	J	1.1	0.34	ug/m3	1		TO 15 LL	Total/NA
n-Butane	4.6		1.2	0.48	ug/m3	1		TO 15 LL	Total/NA
Acetone - DL	180	D	48	15	ug/m3	4		TO 15 LL	Total/NA
Tetrachloroethene - DL	600	D	5.4	0.57	ug/m3	4		TO 15 LL	Total/NA
Toluene - DL	290	D	3.0	0.63	ug/m3	4		TO 15 LL	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.95		0.20	0.044	ppb v/v	1		TO 15 LL	Total/NA
1,2,4-Trimethylbenzene	12		0.20	0.080	ppb v/v	1		TO 15 LL	Total/NA
1,3,5-Trimethylbenzene	4.7		0.20	0.047	ppb v/v	1		TO 15 LL	Total/NA
1,3-Dichlorobenzene	0.14	J	0.20	0.074	ppb v/v	1		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.9		0.50	0.49	ppb v/v	1		TO 15 LL	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.33	J	0.50	0.13	ppb v/v	1		TO 15 LL	Total/NA
Methyl Butyl Ketone (2-Hexanone)	1.7		0.50	0.15	ppb v/v	1		TO 15 LL	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Client Sample ID: SV-04_20250930 (Continued)

Lab Sample ID: 460-336049-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzene	7.9		0.20	0.044	ppb v/v	1			TO 15 LL	Total/NA
Carbon disulfide	1.1		0.50	0.13	ppb v/v	1			TO 15 LL	Total/NA
Carbon tetrachloride	0.073		0.035	0.022	ppb v/v	1			TO 15 LL	Total/NA
Chlorodifluoromethane	0.33	J	0.50	0.12	ppb v/v	1			TO 15 LL	Total/NA
Chloroform	0.45		0.20	0.041	ppb v/v	1			TO 15 LL	Total/NA
Chloromethane	0.15	J	0.50	0.15	ppb v/v	1			TO 15 LL	Total/NA
cis-1,2-Dichloroethene	1.1		0.050	0.021	ppb v/v	1			TO 15 LL	Total/NA
Cyclohexane	7.3		0.20	0.032	ppb v/v	1			TO 15 LL	Total/NA
Dichlorodifluoromethane	0.40	J	0.50	0.11	ppb v/v	1			TO 15 LL	Total/NA
Ethylbenzene	23		0.20	0.052	ppb v/v	1			TO 15 LL	Total/NA
1,1,2-Trichlorotrifluoroethane	0.067	J	0.20	0.053	ppb v/v	1			TO 15 LL	Total/NA
n-Heptane	12		0.20	0.055	ppb v/v	1			TO 15 LL	Total/NA
n-Hexane	8.6		0.50	0.11	ppb v/v	1			TO 15 LL	Total/NA
2,2,4-Trimethylpentane	12		0.20	0.038	ppb v/v	1			TO 15 LL	Total/NA
Cumene	4.9		0.20	0.041	ppb v/v	1			TO 15 LL	Total/NA
m,p-Xylene	89		0.50	0.095	ppb v/v	1			TO 15 LL	Total/NA
Methyl tert-butyl ether	0.083	J	0.20	0.036	ppb v/v	1			TO 15 LL	Total/NA
o-Xylene	34		0.20	0.052	ppb v/v	1			TO 15 LL	Total/NA
trans-1,2-Dichloroethene	0.80		0.20	0.023	ppb v/v	1			TO 15 LL	Total/NA
Trichloroethene	14		0.037	0.025	ppb v/v	1			TO 15 LL	Total/NA
Trichlorofluoromethane	4.6		0.20	0.050	ppb v/v	1			TO 15 LL	Total/NA
N-Propylbenzene	3.9		0.20	0.047	ppb v/v	1			TO 15 LL	Total/NA
n-Butylbenzene	0.15	J	0.20	0.11	ppb v/v	1			TO 15 LL	Total/NA
4-Isopropyltoluene	0.18	J	0.20	0.061	ppb v/v	1			TO 15 LL	Total/NA
n-Butane	1.9		0.50	0.20	ppb v/v	1			TO 15 LL	Total/NA
Acetone - DL	75	D	20	6.4	ppb v/v	4			TO 15 LL	Total/NA
Tetrachloroethene - DL	89	D	0.80	0.084	ppb v/v	4			TO 15 LL	Total/NA
Toluene - DL	78	D	0.80	0.17	ppb v/v	4			TO 15 LL	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Client Sample ID: SV-01_20250929

Lab Sample ID: 460-336014-1

Date Collected: 09/29/25 12:30

Matrix: Air

Date Received: 09/29/25 19:45

Sample Time: 65 Min

Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			10/06/25 06:23	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			10/06/25 06:23	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			10/06/25 06:23	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			10/06/25 06:23	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			10/06/25 06:23	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			10/06/25 06:23	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			10/06/25 06:23	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			10/06/25 06:23	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			10/06/25 06:23	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			10/06/25 06:23	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			10/06/25 06:23	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			10/06/25 06:23	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			10/06/25 06:23	1
1,3-Dichlorobenzene	0.61	J	1.2	0.45	ug/m3			10/06/25 06:23	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			10/06/25 06:23	1
1,4-Dioxane	18	U	18	0.17	ug/m3			10/06/25 06:23	1
Methyl Ethyl Ketone (2-Butanone)	4.9		1.5	1.5	ug/m3			10/06/25 06:23	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			10/06/25 06:23	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			10/06/25 06:23	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			10/06/25 06:23	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.6		2.1	0.53	ug/m3			10/06/25 06:23	1
Methyl Butyl Ketone (2-Hexanone)	0.75	J	2.1	0.62	ug/m3			10/06/25 06:23	1
Acetone	49		12	3.8	ug/m3			10/06/25 06:23	1
Benzene	1.6		0.64	0.14	ug/m3			10/06/25 06:23	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			10/06/25 06:23	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			10/06/25 06:23	1
Bromoform	2.1	U	2.1	1.2	ug/m3			10/06/25 06:23	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			10/06/25 06:23	1
Carbon disulfide	0.97	J	1.6	0.41	ug/m3			10/06/25 06:23	1
Carbon tetrachloride	0.41		0.22	0.14	ug/m3			10/06/25 06:23	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			10/06/25 06:23	1
Chlorodifluoromethane	1.2	J	1.8	0.42	ug/m3			10/06/25 06:23	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			10/06/25 06:23	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			10/06/25 06:23	1
Chloroform	0.64	J	0.98	0.20	ug/m3			10/06/25 06:23	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			10/06/25 06:23	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			10/06/25 06:23	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			10/06/25 06:23	1
Cyclohexane	0.53	J	0.69	0.11	ug/m3			10/06/25 06:23	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			10/06/25 06:23	1
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3			10/06/25 06:23	1
Ethylbenzene	4.8		0.87	0.23	ug/m3			10/06/25 06:23	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			10/06/25 06:23	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			10/06/25 06:23	1
n-Heptane	0.57	J	0.82	0.23	ug/m3			10/06/25 06:23	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			10/06/25 06:23	1
n-Hexane	0.46	J	1.8	0.39	ug/m3			10/06/25 06:23	1
2,2,4-Trimethylpentane	0.47	J	0.93	0.18	ug/m3			10/06/25 06:23	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Client Sample ID: SV-01_20250929

Lab Sample ID: 460-336014-1

Date Collected: 09/29/25 12:30

Matrix: Air

Date Received: 09/29/25 19:45

Sample Time: 65 Min

Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cumene	0.50	J	0.98	0.20	ug/m3			10/06/25 06:23	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			10/06/25 06:23	1
m,p-Xylene	14		2.2	0.41	ug/m3			10/06/25 06:23	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			10/06/25 06:23	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			10/06/25 06:23	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			10/06/25 06:23	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			10/06/25 06:23	1
o-Xylene	3.3		0.87	0.23	ug/m3			10/06/25 06:23	1
Styrene	0.85	U	0.85	0.25	ug/m3			10/06/25 06:23	1
tert-Butyl alcohol	9.0	J	15	3.6	ug/m3			10/06/25 06:23	1
Tetrachloroethene	11		1.4	0.14	ug/m3			10/06/25 06:23	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			10/06/25 06:23	1
Toluene	4.2		0.75	0.16	ug/m3			10/06/25 06:23	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			10/06/25 06:23	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			10/06/25 06:23	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			10/06/25 06:23	1
Trichlorofluoromethane	2.7		1.1	0.28	ug/m3			10/06/25 06:23	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			10/06/25 06:23	1
N-Propylbenzene	0.98	U	0.98	0.23	ug/m3			10/06/25 06:23	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			10/06/25 06:23	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			10/06/25 06:23	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			10/06/25 06:23	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			10/06/25 06:23	1
n-Butane	1.2	U	1.2	0.48	ug/m3			10/06/25 06:23	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			10/06/25 06:23	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			10/06/25 06:23	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			10/06/25 06:23	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			10/06/25 06:23	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			10/06/25 06:23	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.051	ppb v/v			10/06/25 06:23	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			10/06/25 06:23	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			10/06/25 06:23	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			10/06/25 06:23	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			10/06/25 06:23	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			10/06/25 06:23	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			10/06/25 06:23	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			10/06/25 06:23	1
1,3-Dichlorobenzene	0.10	J	0.20	0.074	ppb v/v			10/06/25 06:23	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			10/06/25 06:23	1
1,4-Dioxane	5.0	U	5.0	0.047	ppb v/v			10/06/25 06:23	1
Methyl Ethyl Ketone (2-Butanone)	1.7		0.50	0.49	ppb v/v			10/06/25 06:23	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			10/06/25 06:23	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			10/06/25 06:23	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			10/06/25 06:23	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.63		0.50	0.13	ppb v/v			10/06/25 06:23	1
Methyl Butyl Ketone (2-Hexanone)	0.18	J	0.50	0.15	ppb v/v			10/06/25 06:23	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Client Sample ID: SV-01_20250929

Lab Sample ID: 460-336014-1

Date Collected: 09/29/25 12:30

Matrix: Air

Date Received: 09/29/25 19:45

Sample Time: 65 Min

Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	21		5.0	1.6	ppb v/v			10/06/25 06:23	1
Benzene	0.50		0.20	0.044	ppb v/v			10/06/25 06:23	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			10/06/25 06:23	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			10/06/25 06:23	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			10/06/25 06:23	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			10/06/25 06:23	1
Carbon disulfide	0.31	J	0.50	0.13	ppb v/v			10/06/25 06:23	1
Carbon tetrachloride	0.065		0.035	0.022	ppb v/v			10/06/25 06:23	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			10/06/25 06:23	1
Chlorodifluoromethane	0.33	J	0.50	0.12	ppb v/v			10/06/25 06:23	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			10/06/25 06:23	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			10/06/25 06:23	1
Chloroform	0.13	J	0.20	0.041	ppb v/v			10/06/25 06:23	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			10/06/25 06:23	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			10/06/25 06:23	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			10/06/25 06:23	1
Cyclohexane	0.15	J	0.20	0.032	ppb v/v			10/06/25 06:23	1
Dibromochloromethane	0.20	U	0.20	0.015	ppb v/v			10/06/25 06:23	1
Dichlorodifluoromethane	0.43	J	0.50	0.11	ppb v/v			10/06/25 06:23	1
Ethylbenzene	1.1		0.20	0.052	ppb v/v			10/06/25 06:23	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			10/06/25 06:23	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			10/06/25 06:23	1
n-Heptane	0.14	J	0.20	0.055	ppb v/v			10/06/25 06:23	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			10/06/25 06:23	1
n-Hexane	0.13	J	0.50	0.11	ppb v/v			10/06/25 06:23	1
2,2,4-Trimethylpentane	0.10	J	0.20	0.038	ppb v/v			10/06/25 06:23	1
Cumene	0.10	J	0.20	0.041	ppb v/v			10/06/25 06:23	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			10/06/25 06:23	1
m,p-Xylene	3.2		0.50	0.095	ppb v/v			10/06/25 06:23	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			10/06/25 06:23	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			10/06/25 06:23	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			10/06/25 06:23	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			10/06/25 06:23	1
o-Xylene	0.75		0.20	0.052	ppb v/v			10/06/25 06:23	1
Styrene	0.20	U	0.20	0.059	ppb v/v			10/06/25 06:23	1
tert-Butyl alcohol	3.0	J	5.0	1.2	ppb v/v			10/06/25 06:23	1
Tetrachloroethene	1.6		0.20	0.021	ppb v/v			10/06/25 06:23	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			10/06/25 06:23	1
Toluene	1.1		0.20	0.042	ppb v/v			10/06/25 06:23	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			10/06/25 06:23	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			10/06/25 06:23	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			10/06/25 06:23	1
Trichlorofluoromethane	0.48		0.20	0.050	ppb v/v			10/06/25 06:23	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			10/06/25 06:23	1
N-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			10/06/25 06:23	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			10/06/25 06:23	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			10/06/25 06:23	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			10/06/25 06:23	1

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Client Sample ID: SV-01_20250929

Lab Sample ID: 460-336014-1

Date Collected: 09/29/25 12:30

Matrix: Air

Date Received: 09/29/25 19:45

Sample Time: 65 Min

Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			10/06/25 06:23	1
n-Butane	0.50	U	0.50	0.20	ppb v/v			10/06/25 06:23	1

Client Sample ID: AA-01_20250929

Lab Sample ID: 460-336014-2

Date Collected: 09/29/25 12:40

Matrix: Air

Date Received: 09/29/25 19:45

Sample Time: 80 Min

Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			10/06/25 21:01	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			10/06/25 21:01	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			10/06/25 21:01	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			10/06/25 21:01	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			10/06/25 21:01	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			10/06/25 21:01	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			10/06/25 21:01	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			10/06/25 21:01	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			10/06/25 21:01	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			10/06/25 21:01	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			10/06/25 21:01	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			10/06/25 21:01	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			10/06/25 21:01	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			10/06/25 21:01	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			10/06/25 21:01	1
1,4-Dioxane	18	U	18	0.17	ug/m3			10/06/25 21:01	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.5	ug/m3			10/06/25 21:01	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			10/06/25 21:01	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			10/06/25 21:01	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			10/06/25 21:01	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.60	J	2.1	0.53	ug/m3			10/06/25 21:01	1
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			10/06/25 21:01	1
Acetone	14		12	3.8	ug/m3			10/06/25 21:01	1
Benzene	0.49	J	0.64	0.14	ug/m3			10/06/25 21:01	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			10/06/25 21:01	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			10/06/25 21:01	1
Bromoform	2.1	U	2.1	1.2	ug/m3			10/06/25 21:01	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			10/06/25 21:01	1
Carbon disulfide	1.6	U	1.6	0.41	ug/m3			10/06/25 21:01	1
Carbon tetrachloride	0.51		0.22	0.14	ug/m3			10/06/25 21:01	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			10/06/25 21:01	1
Chlorodifluoromethane	0.98	J	1.8	0.42	ug/m3			10/06/25 21:01	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			10/06/25 21:01	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			10/06/25 21:01	1
Chloroform	0.98	U	0.98	0.20	ug/m3			10/06/25 21:01	1
Chloromethane	0.89	J	1.0	0.31	ug/m3			10/06/25 21:01	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			10/06/25 21:01	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			10/06/25 21:01	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Client Sample ID: AA-01_20250929

Lab Sample ID: 460-336014-2

Date Collected: 09/29/25 12:40

Matrix: Air

Date Received: 09/29/25 19:45

Sample Time: 80 Min

Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	0.23	J	0.69	0.11	ug/m3			10/06/25 21:01	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			10/06/25 21:01	1
Dichlorodifluoromethane	2.3	J	2.5	0.54	ug/m3			10/06/25 21:01	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			10/06/25 21:01	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			10/06/25 21:01	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			10/06/25 21:01	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			10/06/25 21:01	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			10/06/25 21:01	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			10/06/25 21:01	1
2,2,4-Trimethylpentane	0.80	J	0.93	0.18	ug/m3			10/06/25 21:01	1
Cumene	0.98	U	0.98	0.20	ug/m3			10/06/25 21:01	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			10/06/25 21:01	1
m,p-Xylene	0.70	J	2.2	0.41	ug/m3			10/06/25 21:01	1
Methyl methacrylate	1.3	J	2.1	0.57	ug/m3			10/06/25 21:01	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			10/06/25 21:01	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			10/06/25 21:01	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			10/06/25 21:01	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			10/06/25 21:01	1
Styrene	0.85	U	0.85	0.25	ug/m3			10/06/25 21:01	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			10/06/25 21:01	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			10/06/25 21:01	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			10/06/25 21:01	1
Toluene	2.1		0.75	0.16	ug/m3			10/06/25 21:01	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			10/06/25 21:01	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			10/06/25 21:01	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			10/06/25 21:01	1
Trichlorofluoromethane	1.3		1.1	0.28	ug/m3			10/06/25 21:01	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			10/06/25 21:01	1
N-Propylbenzene	0.98	U	0.98	0.23	ug/m3			10/06/25 21:01	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			10/06/25 21:01	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			10/06/25 21:01	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			10/06/25 21:01	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			10/06/25 21:01	1
n-Butane	1.7		1.2	0.48	ug/m3			10/06/25 21:01	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			10/06/25 21:01	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			10/06/25 21:01	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			10/06/25 21:01	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			10/06/25 21:01	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			10/06/25 21:01	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.051	ppb v/v			10/06/25 21:01	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			10/06/25 21:01	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			10/06/25 21:01	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			10/06/25 21:01	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			10/06/25 21:01	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			10/06/25 21:01	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			10/06/25 21:01	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			10/06/25 21:01	1

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Client Sample ID: AA-01_20250929

Lab Sample ID: 460-336014-2

Date Collected: 09/29/25 12:40

Matrix: Air

Date Received: 09/29/25 19:45

Sample Time: 80 Min

Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			10/06/25 21:01	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			10/06/25 21:01	1
1,4-Dioxane	5.0	U	5.0	0.047	ppb v/v			10/06/25 21:01	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			10/06/25 21:01	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			10/06/25 21:01	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			10/06/25 21:01	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			10/06/25 21:01	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.15	J	0.50	0.13	ppb v/v			10/06/25 21:01	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			10/06/25 21:01	1
Acetone	5.8		5.0	1.6	ppb v/v			10/06/25 21:01	1
Benzene	0.15	J	0.20	0.044	ppb v/v			10/06/25 21:01	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			10/06/25 21:01	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			10/06/25 21:01	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			10/06/25 21:01	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			10/06/25 21:01	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			10/06/25 21:01	1
Carbon tetrachloride	0.081		0.035	0.022	ppb v/v			10/06/25 21:01	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			10/06/25 21:01	1
Chlorodifluoromethane	0.28	J	0.50	0.12	ppb v/v			10/06/25 21:01	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			10/06/25 21:01	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			10/06/25 21:01	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			10/06/25 21:01	1
Chloromethane	0.43	J	0.50	0.15	ppb v/v			10/06/25 21:01	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			10/06/25 21:01	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			10/06/25 21:01	1
Cyclohexane	0.068	J	0.20	0.032	ppb v/v			10/06/25 21:01	1
Dibromochloromethane	0.20	U	0.20	0.015	ppb v/v			10/06/25 21:01	1
Dichlorodifluoromethane	0.46	J	0.50	0.11	ppb v/v			10/06/25 21:01	1
Ethylbenzene	0.20	U	0.20	0.052	ppb v/v			10/06/25 21:01	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			10/06/25 21:01	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			10/06/25 21:01	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			10/06/25 21:01	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			10/06/25 21:01	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			10/06/25 21:01	1
2,2,4-Trimethylpentane	0.17	J	0.20	0.038	ppb v/v			10/06/25 21:01	1
Cumene	0.20	U	0.20	0.041	ppb v/v			10/06/25 21:01	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			10/06/25 21:01	1
m,p-Xylene	0.16	J	0.50	0.095	ppb v/v			10/06/25 21:01	1
Methyl methacrylate	0.33	J	0.50	0.14	ppb v/v			10/06/25 21:01	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			10/06/25 21:01	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			10/06/25 21:01	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			10/06/25 21:01	1
o-Xylene	0.20	U	0.20	0.052	ppb v/v			10/06/25 21:01	1
Styrene	0.20	U	0.20	0.059	ppb v/v			10/06/25 21:01	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			10/06/25 21:01	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			10/06/25 21:01	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			10/06/25 21:01	1
Toluene	0.55		0.20	0.042	ppb v/v			10/06/25 21:01	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Client Sample ID: AA-01_20250929

Lab Sample ID: 460-336014-2

Date Collected: 09/29/25 12:40

Matrix: Air

Date Received: 09/29/25 19:45

Sample Time: 80 Min

Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			10/06/25 21:01	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			10/06/25 21:01	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			10/06/25 21:01	1
Trichlorofluoromethane	0.24		0.20	0.050	ppb v/v			10/06/25 21:01	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			10/06/25 21:01	1
N-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			10/06/25 21:01	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			10/06/25 21:01	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			10/06/25 21:01	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			10/06/25 21:01	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			10/06/25 21:01	1
n-Butane	0.73		0.50	0.20	ppb v/v			10/06/25 21:01	1

Client Sample ID: SV-03_20250930

Lab Sample ID: 460-336049-1

Date Collected: 09/30/25 12:52

Matrix: Air

Date Received: 09/30/25 19:20

Sample Container: Air Canister

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			10/07/25 11:10	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			10/07/25 11:10	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			10/07/25 11:10	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			10/07/25 11:10	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			10/07/25 11:10	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			10/07/25 11:10	1
1,2,4-Trimethylbenzene	110		0.98	0.39	ug/m3			10/07/25 11:10	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			10/07/25 11:10	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			10/07/25 11:10	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			10/07/25 11:10	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			10/07/25 11:10	1
1,3,5-Trimethylbenzene	41		0.98	0.23	ug/m3			10/07/25 11:10	1
1,3-Butadiene	0.74		0.44	0.086	ug/m3			10/07/25 11:10	1
1,3-Dichlorobenzene	2.3		1.2	0.45	ug/m3			10/07/25 11:10	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			10/07/25 11:10	1
1,4-Dioxane	18	U	18	0.17	ug/m3			10/07/25 11:10	1
Methyl Ethyl Ketone (2-Butanone)	6.3		1.5	1.5	ug/m3			10/07/25 11:10	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			10/07/25 11:10	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			10/07/25 11:10	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			10/07/25 11:10	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.3		2.1	0.53	ug/m3			10/07/25 11:10	1
Methyl Butyl Ketone (2-Hexanone)	42		2.1	0.62	ug/m3			10/07/25 11:10	1
Acetone	28		12	3.8	ug/m3			10/07/25 11:10	1
Benzene	14		0.64	0.14	ug/m3			10/07/25 11:10	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			10/07/25 11:10	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			10/07/25 11:10	1
Bromoform	2.1	U	2.1	1.2	ug/m3			10/07/25 11:10	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			10/07/25 11:10	1
Carbon disulfide	3.9		1.6	0.41	ug/m3			10/07/25 11:10	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Client Sample ID: SV-03_20250930

Lab Sample ID: 460-336049-1

Date Collected: 09/30/25 12:52

Matrix: Air

Date Received: 09/30/25 19:20

Sample Container: Air Canister

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.46		0.22	0.14	ug/m3			10/07/25 11:10	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			10/07/25 11:10	1
Chlorodifluoromethane	1.1	J	1.8	0.42	ug/m3			10/07/25 11:10	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			10/07/25 11:10	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			10/07/25 11:10	1
Chloroform	0.62	J	0.98	0.20	ug/m3			10/07/25 11:10	1
Chloromethane	0.38	J	1.0	0.31	ug/m3			10/07/25 11:10	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			10/07/25 11:10	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			10/07/25 11:10	1
Cyclohexane	15		0.69	0.11	ug/m3			10/07/25 11:10	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			10/07/25 11:10	1
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3			10/07/25 11:10	1
Ethylbenzene	72		0.87	0.23	ug/m3			10/07/25 11:10	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			10/07/25 11:10	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			10/07/25 11:10	1
n-Heptane	25		0.82	0.23	ug/m3			10/07/25 11:10	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			10/07/25 11:10	1
n-Hexane	16		1.8	0.39	ug/m3			10/07/25 11:10	1
2,2,4-Trimethylpentane	25		0.93	0.18	ug/m3			10/07/25 11:10	1
Cumene	20		0.98	0.20	ug/m3			10/07/25 11:10	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			10/07/25 11:10	1
m,p-Xylene	300		2.2	0.41	ug/m3			10/07/25 11:10	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			10/07/25 11:10	1
Methyl tert-butyl ether	0.62	J	0.72	0.13	ug/m3			10/07/25 11:10	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			10/07/25 11:10	1
Naphthalene	2.3		2.0	1.6	ug/m3			10/07/25 11:10	1
o-Xylene	130		0.87	0.23	ug/m3			10/07/25 11:10	1
Styrene	0.85	U	0.85	0.25	ug/m3			10/07/25 11:10	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			10/07/25 11:10	1
Tetrachloroethene	120		1.4	0.14	ug/m3			10/07/25 11:10	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			10/07/25 11:10	1
Toluene	170		0.75	0.16	ug/m3			10/07/25 11:10	1
trans-1,2-Dichloroethene	0.61	J	0.79	0.091	ug/m3			10/07/25 11:10	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			10/07/25 11:10	1
Trichloroethene	7.2		0.20	0.13	ug/m3			10/07/25 11:10	1
Trichlorofluoromethane	5.9		1.1	0.28	ug/m3			10/07/25 11:10	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			10/07/25 11:10	1
N-Propylbenzene	23		0.98	0.23	ug/m3			10/07/25 11:10	1
n-Butylbenzene	3.3		1.1	0.60	ug/m3			10/07/25 11:10	1
sec-Butylbenzene	2.5		1.1	0.25	ug/m3			10/07/25 11:10	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			10/07/25 11:10	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			10/07/25 11:10	1
n-Butane	12		1.2	0.48	ug/m3			10/07/25 11:10	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			10/07/25 11:10	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			10/07/25 11:10	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			10/07/25 11:10	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			10/07/25 11:10	1

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Client Sample ID: SV-03_20250930

Lab Sample ID: 460-336049-1

Date Collected: 09/30/25 12:52

Matrix: Air

Date Received: 09/30/25 19:20

Sample Container: Air Canister

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			10/07/25 11:10	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.051	ppb v/v			10/07/25 11:10	1
1,2,4-Trimethylbenzene	23		0.20	0.080	ppb v/v			10/07/25 11:10	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			10/07/25 11:10	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			10/07/25 11:10	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			10/07/25 11:10	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			10/07/25 11:10	1
1,3,5-Trimethylbenzene	8.3		0.20	0.047	ppb v/v			10/07/25 11:10	1
1,3-Butadiene	0.33		0.20	0.039	ppb v/v			10/07/25 11:10	1
1,3-Dichlorobenzene	0.39		0.20	0.074	ppb v/v			10/07/25 11:10	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			10/07/25 11:10	1
1,4-Dioxane	5.0	U	5.0	0.047	ppb v/v			10/07/25 11:10	1
Methyl Ethyl Ketone (2-Butanone)	2.1		0.50	0.49	ppb v/v			10/07/25 11:10	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			10/07/25 11:10	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			10/07/25 11:10	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			10/07/25 11:10	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.57		0.50	0.13	ppb v/v			10/07/25 11:10	1
Methyl Butyl Ketone (2-Hexanone)	10		0.50	0.15	ppb v/v			10/07/25 11:10	1
Acetone	12		5.0	1.6	ppb v/v			10/07/25 11:10	1
Benzene	4.3		0.20	0.044	ppb v/v			10/07/25 11:10	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			10/07/25 11:10	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			10/07/25 11:10	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			10/07/25 11:10	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			10/07/25 11:10	1
Carbon disulfide	1.2		0.50	0.13	ppb v/v			10/07/25 11:10	1
Carbon tetrachloride	0.074		0.035	0.022	ppb v/v			10/07/25 11:10	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			10/07/25 11:10	1
Chlorodifluoromethane	0.30	J	0.50	0.12	ppb v/v			10/07/25 11:10	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			10/07/25 11:10	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			10/07/25 11:10	1
Chloroform	0.13	J	0.20	0.041	ppb v/v			10/07/25 11:10	1
Chloromethane	0.18	J	0.50	0.15	ppb v/v			10/07/25 11:10	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			10/07/25 11:10	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			10/07/25 11:10	1
Cyclohexane	4.3		0.20	0.032	ppb v/v			10/07/25 11:10	1
Dibromochloromethane	0.20	U	0.20	0.015	ppb v/v			10/07/25 11:10	1
Dichlorodifluoromethane	0.43	J	0.50	0.11	ppb v/v			10/07/25 11:10	1
Ethylbenzene	17		0.20	0.052	ppb v/v			10/07/25 11:10	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			10/07/25 11:10	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			10/07/25 11:10	1
n-Heptane	6.0		0.20	0.055	ppb v/v			10/07/25 11:10	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			10/07/25 11:10	1
n-Hexane	4.4		0.50	0.11	ppb v/v			10/07/25 11:10	1
2,2,4-Trimethylpentane	5.4		0.20	0.038	ppb v/v			10/07/25 11:10	1
Cumene	4.1		0.20	0.041	ppb v/v			10/07/25 11:10	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			10/07/25 11:10	1
m,p-Xylene	70		0.50	0.095	ppb v/v			10/07/25 11:10	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			10/07/25 11:10	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Client Sample ID: SV-03_20250930

Lab Sample ID: 460-336049-1

Date Collected: 09/30/25 12:52

Matrix: Air

Date Received: 09/30/25 19:20

Sample Container: Air Canister

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	0.17	J	0.20	0.036	ppb v/v			10/07/25 11:10	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			10/07/25 11:10	1
Naphthalene	0.43		0.38	0.30	ppb v/v			10/07/25 11:10	1
o-Xylene	29		0.20	0.052	ppb v/v			10/07/25 11:10	1
Styrene	0.20	U	0.20	0.059	ppb v/v			10/07/25 11:10	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			10/07/25 11:10	1
Tetrachloroethene	18		0.20	0.021	ppb v/v			10/07/25 11:10	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			10/07/25 11:10	1
Toluene	45		0.20	0.042	ppb v/v			10/07/25 11:10	1
trans-1,2-Dichloroethene	0.15	J	0.20	0.023	ppb v/v			10/07/25 11:10	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			10/07/25 11:10	1
Trichloroethene	1.3		0.037	0.025	ppb v/v			10/07/25 11:10	1
Trichlorofluoromethane	1.1		0.20	0.050	ppb v/v			10/07/25 11:10	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			10/07/25 11:10	1
N-Propylbenzene	4.7		0.20	0.047	ppb v/v			10/07/25 11:10	1
n-Butylbenzene	0.60		0.20	0.11	ppb v/v			10/07/25 11:10	1
sec-Butylbenzene	0.46		0.20	0.045	ppb v/v			10/07/25 11:10	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			10/07/25 11:10	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			10/07/25 11:10	1
n-Butane	5.2		0.50	0.20	ppb v/v			10/07/25 11:10	1

Client Sample ID: SV-04_20250930

Lab Sample ID: 460-336049-2

Date Collected: 09/30/25 15:18

Matrix: Air

Date Received: 09/30/25 19:20

Sample Container: Air Canister

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.2		1.1	0.24	ug/m3			10/07/25 11:46	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			10/07/25 11:46	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			10/07/25 11:46	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			10/07/25 11:46	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			10/07/25 11:46	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			10/07/25 11:46	1
1,2,4-Trimethylbenzene	57		0.98	0.39	ug/m3			10/07/25 11:46	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			10/07/25 11:46	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			10/07/25 11:46	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			10/07/25 11:46	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			10/07/25 11:46	1
1,3,5-Trimethylbenzene	23		0.98	0.23	ug/m3			10/07/25 11:46	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			10/07/25 11:46	1
1,3-Dichlorobenzene	0.83	J	1.2	0.45	ug/m3			10/07/25 11:46	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			10/07/25 11:46	1
1,4-Dioxane	18	U	18	0.17	ug/m3			10/07/25 11:46	1
Methyl Ethyl Ketone (2-Butanone)	11		1.5	1.5	ug/m3			10/07/25 11:46	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			10/07/25 11:46	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			10/07/25 11:46	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			10/07/25 11:46	1

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Client Sample ID: SV-04_20250930

Lab Sample ID: 460-336049-2

Date Collected: 09/30/25 15:18

Matrix: Air

Date Received: 09/30/25 19:20

Sample Container: Air Canister

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.3	J	2.1	0.53	ug/m3			10/07/25 11:46	1
Methyl Butyl Ketone (2-Hexanone)	7.0		2.1	0.62	ug/m3			10/07/25 11:46	1
Benzene	25		0.64	0.14	ug/m3			10/07/25 11:46	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			10/07/25 11:46	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			10/07/25 11:46	1
Bromoform	2.1	U	2.1	1.2	ug/m3			10/07/25 11:46	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			10/07/25 11:46	1
Carbon disulfide	3.4		1.6	0.41	ug/m3			10/07/25 11:46	1
Carbon tetrachloride	0.46		0.22	0.14	ug/m3			10/07/25 11:46	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			10/07/25 11:46	1
Chlorodifluoromethane	1.2	J	1.8	0.42	ug/m3			10/07/25 11:46	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			10/07/25 11:46	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			10/07/25 11:46	1
Chloroform	2.2		0.98	0.20	ug/m3			10/07/25 11:46	1
Chloromethane	0.32	J	1.0	0.31	ug/m3			10/07/25 11:46	1
cis-1,2-Dichloroethene	4.4		0.20	0.083	ug/m3			10/07/25 11:46	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			10/07/25 11:46	1
Cyclohexane	25		0.69	0.11	ug/m3			10/07/25 11:46	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			10/07/25 11:46	1
Dichlorodifluoromethane	2.0	J	2.5	0.54	ug/m3			10/07/25 11:46	1
Ethylbenzene	100		0.87	0.23	ug/m3			10/07/25 11:46	1
1,1,2-Trichlorotrifluoroethane	0.52	J	1.5	0.41	ug/m3			10/07/25 11:46	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			10/07/25 11:46	1
n-Heptane	49		0.82	0.23	ug/m3			10/07/25 11:46	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			10/07/25 11:46	1
n-Hexane	30		1.8	0.39	ug/m3			10/07/25 11:46	1
2,2,4-Trimethylpentane	54		0.93	0.18	ug/m3			10/07/25 11:46	1
Cumene	24		0.98	0.20	ug/m3			10/07/25 11:46	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			10/07/25 11:46	1
m,p-Xylene	380		2.2	0.41	ug/m3			10/07/25 11:46	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			10/07/25 11:46	1
Methyl tert-butyl ether	0.30	J	0.72	0.13	ug/m3			10/07/25 11:46	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			10/07/25 11:46	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			10/07/25 11:46	1
o-Xylene	150		0.87	0.23	ug/m3			10/07/25 11:46	1
Styrene	0.85	U	0.85	0.25	ug/m3			10/07/25 11:46	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			10/07/25 11:46	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			10/07/25 11:46	1
trans-1,2-Dichloroethene	3.2		0.79	0.091	ug/m3			10/07/25 11:46	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			10/07/25 11:46	1
Trichloroethene	78		0.20	0.13	ug/m3			10/07/25 11:46	1
Trichlorofluoromethane	26		1.1	0.28	ug/m3			10/07/25 11:46	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			10/07/25 11:46	1
N-Propylbenzene	19		0.98	0.23	ug/m3			10/07/25 11:46	1
n-Butylbenzene	0.83	J	1.1	0.60	ug/m3			10/07/25 11:46	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			10/07/25 11:46	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			10/07/25 11:46	1
4-Isopropyltoluene	1.0	J	1.1	0.34	ug/m3			10/07/25 11:46	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Client Sample ID: SV-04_20250930

Lab Sample ID: 460-336049-2

Date Collected: 09/30/25 15:18

Matrix: Air

Date Received: 09/30/25 19:20

Sample Container: Air Canister

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	4.6		1.2	0.48	ug/m3			10/07/25 11:46	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.95		0.20	0.044	ppb v/v			10/07/25 11:46	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			10/07/25 11:46	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			10/07/25 11:46	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			10/07/25 11:46	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			10/07/25 11:46	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.051	ppb v/v			10/07/25 11:46	1
1,2,4-Trimethylbenzene	12		0.20	0.080	ppb v/v			10/07/25 11:46	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			10/07/25 11:46	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			10/07/25 11:46	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			10/07/25 11:46	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			10/07/25 11:46	1
1,3,5-Trimethylbenzene	4.7		0.20	0.047	ppb v/v			10/07/25 11:46	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			10/07/25 11:46	1
1,3-Dichlorobenzene	0.14	J	0.20	0.074	ppb v/v			10/07/25 11:46	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			10/07/25 11:46	1
1,4-Dioxane	5.0	U	5.0	0.047	ppb v/v			10/07/25 11:46	1
Methyl Ethyl Ketone (2-Butanone)	3.9		0.50	0.49	ppb v/v			10/07/25 11:46	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			10/07/25 11:46	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			10/07/25 11:46	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			10/07/25 11:46	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.33	J	0.50	0.13	ppb v/v			10/07/25 11:46	1
Methyl Butyl Ketone (2-Hexanone)	1.7		0.50	0.15	ppb v/v			10/07/25 11:46	1
Benzene	7.9		0.20	0.044	ppb v/v			10/07/25 11:46	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			10/07/25 11:46	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			10/07/25 11:46	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			10/07/25 11:46	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			10/07/25 11:46	1
Carbon disulfide	1.1		0.50	0.13	ppb v/v			10/07/25 11:46	1
Carbon tetrachloride	0.073		0.035	0.022	ppb v/v			10/07/25 11:46	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			10/07/25 11:46	1
Chlorodifluoromethane	0.33	J	0.50	0.12	ppb v/v			10/07/25 11:46	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			10/07/25 11:46	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			10/07/25 11:46	1
Chloroform	0.45		0.20	0.041	ppb v/v			10/07/25 11:46	1
Chloromethane	0.15	J	0.50	0.15	ppb v/v			10/07/25 11:46	1
cis-1,2-Dichloroethene	1.1		0.050	0.021	ppb v/v			10/07/25 11:46	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			10/07/25 11:46	1
Cyclohexane	7.3		0.20	0.032	ppb v/v			10/07/25 11:46	1
Dibromochloromethane	0.20	U	0.20	0.015	ppb v/v			10/07/25 11:46	1
Dichlorodifluoromethane	0.40	J	0.50	0.11	ppb v/v			10/07/25 11:46	1
Ethylbenzene	23		0.20	0.052	ppb v/v			10/07/25 11:46	1
1,1,2-Trichlorotrifluoroethane	0.067	J	0.20	0.053	ppb v/v			10/07/25 11:46	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			10/07/25 11:46	1
n-Heptane	12		0.20	0.055	ppb v/v			10/07/25 11:46	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			10/07/25 11:46	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Client Sample ID: SV-04_20250930

Lab Sample ID: 460-336049-2

Date Collected: 09/30/25 15:18

Matrix: Air

Date Received: 09/30/25 19:20

Sample Container: Air Canister

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Hexane	8.6		0.50	0.11	ppb v/v			10/07/25 11:46	1
2,2,4-Trimethylpentane	12		0.20	0.038	ppb v/v			10/07/25 11:46	1
Cumene	4.9		0.20	0.041	ppb v/v			10/07/25 11:46	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			10/07/25 11:46	1
m,p-Xylene	89		0.50	0.095	ppb v/v			10/07/25 11:46	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			10/07/25 11:46	1
Methyl tert-butyl ether	0.083	J	0.20	0.036	ppb v/v			10/07/25 11:46	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			10/07/25 11:46	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			10/07/25 11:46	1
o-Xylene	34		0.20	0.052	ppb v/v			10/07/25 11:46	1
Styrene	0.20	U	0.20	0.059	ppb v/v			10/07/25 11:46	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			10/07/25 11:46	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			10/07/25 11:46	1
trans-1,2-Dichloroethene	0.80		0.20	0.023	ppb v/v			10/07/25 11:46	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			10/07/25 11:46	1
Trichloroethene	14		0.037	0.025	ppb v/v			10/07/25 11:46	1
Trichlorofluoromethane	4.6		0.20	0.050	ppb v/v			10/07/25 11:46	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			10/07/25 11:46	1
N-Propylbenzene	3.9		0.20	0.047	ppb v/v			10/07/25 11:46	1
n-Butylbenzene	0.15	J	0.20	0.11	ppb v/v			10/07/25 11:46	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			10/07/25 11:46	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			10/07/25 11:46	1
4-Isopropyltoluene	0.18	J	0.20	0.061	ppb v/v			10/07/25 11:46	1
n-Butane	1.9		0.50	0.20	ppb v/v			10/07/25 11:46	1

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	180	D	48	15	ug/m3			10/07/25 17:03	4
Tetrachloroethene	600	D	5.4	0.57	ug/m3			10/07/25 17:03	4
Toluene	290	D	3.0	0.63	ug/m3			10/07/25 17:03	4
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	75	D	20	6.4	ppb v/v			10/07/25 17:03	4
Tetrachloroethene	89	D	0.80	0.084	ppb v/v			10/07/25 17:03	4
Toluene	78	D	0.80	0.17	ppb v/v			10/07/25 17:03	4

Default Detection Limits

Client: AKRF Inc

Job ID: 460-336014-1

Project/Site: 23-56 Broadway, Astoria, Queens, NY

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	RL	MDL
1,1,1-Trichloroethane	1.1 ug/m3	0.24 ug/m3
1,1,1-Trichloroethane	0.20 ppb v/v	0.044 ppb v/v
1,1,2,2-Tetrachloroethane	1.4 ug/m3	0.30 ug/m3
1,1,2,2-Tetrachloroethane	0.20 ppb v/v	0.043 ppb v/v
1,1,2-Trichloroethane	1.1 ug/m3	0.40 ug/m3
1,1,2-Trichloroethane	0.20 ppb v/v	0.074 ppb v/v
1,1,2-Trichlorotrifluoroethane	1.5 ug/m3	0.41 ug/m3
1,1,2-Trichlorotrifluoroethane	0.20 ppb v/v	0.053 ppb v/v
1,1-Dichloroethane	0.81 ug/m3	0.10 ug/m3
1,1-Dichloroethane	0.20 ppb v/v	0.025 ppb v/v
1,1-Dichloroethene	0.20 ug/m3	0.10 ug/m3
1,1-Dichloroethene	0.050 ppb v/v	0.026 ppb v/v
1,2,4-Trichlorobenzene	3.7 ug/m3	0.38 ug/m3
1,2,4-Trichlorobenzene	0.50 ppb v/v	0.051 ppb v/v
1,2,4-Trimethylbenzene	0.98 ug/m3	0.39 ug/m3
1,2,4-Trimethylbenzene	0.20 ppb v/v	0.080 ppb v/v
1,2-Dibromoethane	1.5 ug/m3	0.32 ug/m3
1,2-Dibromoethane	0.20 ppb v/v	0.042 ppb v/v
1,2-Dichlorobenzene	1.2 ug/m3	0.40 ug/m3
1,2-Dichlorobenzene	0.20 ppb v/v	0.066 ppb v/v
1,2-Dichloroethane	0.81 ug/m3	0.38 ug/m3
1,2-Dichloroethane	0.20 ppb v/v	0.093 ppb v/v
1,2-Dichloropropane	0.92 ug/m3	0.43 ug/m3
1,2-Dichloropropane	0.20 ppb v/v	0.094 ppb v/v
1,2-Dichlorotetrafluoroethane	1.4 ug/m3	0.34 ug/m3
1,2-Dichlorotetrafluoroethane	0.20 ppb v/v	0.048 ppb v/v
1,3,5-Trimethylbenzene	0.98 ug/m3	0.23 ug/m3
1,3,5-Trimethylbenzene	0.20 ppb v/v	0.047 ppb v/v
1,3-Butadiene	0.44 ug/m3	0.086 ug/m3
1,3-Butadiene	0.20 ppb v/v	0.039 ppb v/v
1,3-Dichlorobenzene	1.2 ug/m3	0.45 ug/m3
1,3-Dichlorobenzene	0.20 ppb v/v	0.074 ppb v/v
1,4-Dichlorobenzene	1.2 ug/m3	0.54 ug/m3
1,4-Dichlorobenzene	0.20 ppb v/v	0.089 ppb v/v
1,4-Dioxane	18 ug/m3	0.17 ug/m3
1,4-Dioxane	5.0 ppb v/v	0.047 ppb v/v
2,2,4-Trimethylpentane	0.93 ug/m3	0.18 ug/m3
2,2,4-Trimethylpentane	0.20 ppb v/v	0.038 ppb v/v
2-Chlorotoluene	1.0 ug/m3	0.24 ug/m3
2-Chlorotoluene	0.20 ppb v/v	0.046 ppb v/v
3-Chloropropene	1.6 ug/m3	0.38 ug/m3
3-Chloropropene	0.50 ppb v/v	0.12 ppb v/v
4-Ethyltoluene	0.98 ug/m3	0.24 ug/m3
4-Ethyltoluene	0.20 ppb v/v	0.049 ppb v/v
4-Isopropyltoluene	1.1 ug/m3	0.34 ug/m3
4-Isopropyltoluene	0.20 ppb v/v	0.061 ppb v/v
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1 ug/m3	0.53 ug/m3
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50 ppb v/v	0.13 ppb v/v
Acetone	12 ug/m3	3.8 ug/m3
Acetone	5.0 ppb v/v	1.6 ppb v/v
Benzene	0.64 ug/m3	0.14 ug/m3
Benzene	0.20 ppb v/v	0.044 ppb v/v
Benzyl chloride	1.0 ug/m3	0.46 ug/m3

Eurofins Edison

Default Detection Limits

Client: AKRF Inc

Job ID: 460-336014-1

Project/Site: 23-56 Broadway, Astoria, Queens, NY

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Conti

Analyte	RL	MDL
Benzyl chloride	0.20 ppb v/v	0.088 ppb v/v
Bromodichloromethane	1.3 ug/m3	0.34 ug/m3
Bromodichloromethane	0.20 ppb v/v	0.050 ppb v/v
Bromoethene(Vinyl Bromide)	0.88 ug/m3	0.22 ug/m3
Bromoethene(Vinyl Bromide)	0.20 ppb v/v	0.050 ppb v/v
Bromoform	2.1 ug/m3	1.2 ug/m3
Bromoform	0.20 ppb v/v	0.12 ppb v/v
Bromomethane	0.78 ug/m3	0.28 ug/m3
Bromomethane	0.20 ppb v/v	0.071 ppb v/v
Carbon disulfide	1.6 ug/m3	0.41 ug/m3
Carbon disulfide	0.50 ppb v/v	0.13 ppb v/v
Carbon tetrachloride	0.22 ug/m3	0.14 ug/m3
Carbon tetrachloride	0.035 ppb v/v	0.022 ppb v/v
Chlorobenzene	0.92 ug/m3	0.20 ug/m3
Chlorobenzene	0.20 ppb v/v	0.044 ppb v/v
Chlorodifluoromethane	1.8 ug/m3	0.42 ug/m3
Chlorodifluoromethane	0.50 ppb v/v	0.12 ppb v/v
Chloroethane	1.3 ug/m3	0.48 ug/m3
Chloroethane	0.50 ppb v/v	0.18 ppb v/v
Chloroform	0.98 ug/m3	0.20 ug/m3
Chloroform	0.20 ppb v/v	0.041 ppb v/v
Chloromethane	1.0 ug/m3	0.31 ug/m3
Chloromethane	0.50 ppb v/v	0.15 ppb v/v
cis-1,2-Dichloroethene	0.20 ug/m3	0.083 ug/m3
cis-1,2-Dichloroethene	0.050 ppb v/v	0.021 ppb v/v
cis-1,3-Dichloropropene	0.91 ug/m3	0.20 ug/m3
cis-1,3-Dichloropropene	0.20 ppb v/v	0.045 ppb v/v
Cumene	0.98 ug/m3	0.20 ug/m3
Cumene	0.20 ppb v/v	0.041 ppb v/v
Cyclohexane	0.69 ug/m3	0.11 ug/m3
Cyclohexane	0.20 ppb v/v	0.032 ppb v/v
Dibromochloromethane	1.7 ug/m3	0.13 ug/m3
Dibromochloromethane	0.20 ppb v/v	0.015 ppb v/v
Dichlorodifluoromethane	2.5 ug/m3	0.54 ug/m3
Dichlorodifluoromethane	0.50 ppb v/v	0.11 ppb v/v
Ethylbenzene	0.87 ug/m3	0.23 ug/m3
Ethylbenzene	0.20 ppb v/v	0.052 ppb v/v
Hexachlorobutadiene	2.1 ug/m3	1.2 ug/m3
Hexachlorobutadiene	0.20 ppb v/v	0.11 ppb v/v
Isopropyl alcohol	12 ug/m3	3.9 ug/m3
Isopropyl alcohol	5.0 ppb v/v	1.6 ppb v/v
m,p-Xylene	2.2 ug/m3	0.41 ug/m3
m,p-Xylene	0.50 ppb v/v	0.095 ppb v/v
Methyl Butyl Ketone (2-Hexanone)	2.1 ug/m3	0.62 ug/m3
Methyl Butyl Ketone (2-Hexanone)	0.50 ppb v/v	0.15 ppb v/v
Methyl Ethyl Ketone (2-Butanone)	1.5 ug/m3	1.5 ug/m3
Methyl Ethyl Ketone (2-Butanone)	0.50 ppb v/v	0.49 ppb v/v
Methyl methacrylate	2.1 ug/m3	0.57 ug/m3
Methyl methacrylate	0.50 ppb v/v	0.14 ppb v/v
Methyl tert-butyl ether	0.72 ug/m3	0.13 ug/m3
Methyl tert-butyl ether	0.20 ppb v/v	0.036 ppb v/v
Methylene Chloride	1.7 ug/m3	0.63 ug/m3
Methylene Chloride	0.50 ppb v/v	0.18 ppb v/v

Eurofins Edison

Default Detection Limits

Client: AKRF Inc

Job ID: 460-336014-1

Project/Site: 23-56 Broadway, Astoria, Queens, NY

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Conti

Analyte	RL	MDL
Naphthalene	2.0 ug/m3	1.6 ug/m3
Naphthalene	0.38 ppb v/v	0.30 ppb v/v
n-Butane	1.2 ug/m3	0.48 ug/m3
n-Butane	0.50 ppb v/v	0.20 ppb v/v
n-Butylbenzene	1.1 ug/m3	0.60 ug/m3
n-Butylbenzene	0.20 ppb v/v	0.11 ppb v/v
n-Heptane	0.82 ug/m3	0.23 ug/m3
n-Heptane	0.20 ppb v/v	0.055 ppb v/v
n-Hexane	1.8 ug/m3	0.39 ug/m3
n-Hexane	0.50 ppb v/v	0.11 ppb v/v
N-Propylbenzene	0.98 ug/m3	0.23 ug/m3
N-Propylbenzene	0.20 ppb v/v	0.047 ppb v/v
o-Xylene	0.87 ug/m3	0.23 ug/m3
o-Xylene	0.20 ppb v/v	0.052 ppb v/v
sec-Butylbenzene	1.1 ug/m3	0.25 ug/m3
sec-Butylbenzene	0.20 ppb v/v	0.045 ppb v/v
Styrene	0.85 ug/m3	0.25 ug/m3
Styrene	0.20 ppb v/v	0.059 ppb v/v
tert-Butyl alcohol	15 ug/m3	3.6 ug/m3
tert-Butyl alcohol	5.0 ppb v/v	1.2 ppb v/v
tert-Butylbenzene	1.1 ug/m3	0.26 ug/m3
tert-Butylbenzene	0.20 ppb v/v	0.047 ppb v/v
Tetrachloroethene	1.4 ug/m3	0.14 ug/m3
Tetrachloroethene	0.20 ppb v/v	0.021 ppb v/v
Tetrahydrofuran	15 ug/m3	3.8 ug/m3
Tetrahydrofuran	5.0 ppb v/v	1.3 ppb v/v
Toluene	0.75 ug/m3	0.16 ug/m3
Toluene	0.20 ppb v/v	0.042 ppb v/v
trans-1,2-Dichloroethene	0.79 ug/m3	0.091 ug/m3
trans-1,2-Dichloroethene	0.20 ppb v/v	0.023 ppb v/v
trans-1,3-Dichloropropene	0.91 ug/m3	0.25 ug/m3
trans-1,3-Dichloropropene	0.20 ppb v/v	0.054 ppb v/v
Trichloroethene	0.20 ug/m3	0.13 ug/m3
Trichloroethene	0.037 ppb v/v	0.025 ppb v/v
Trichlorofluoromethane	1.1 ug/m3	0.28 ug/m3
Trichlorofluoromethane	0.20 ppb v/v	0.050 ppb v/v
Vinyl chloride	0.20 ug/m3	0.054 ug/m3
Vinyl chloride	0.078 ppb v/v	0.021 ppb v/v

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Lab Sample ID: MB 410-709300/7

Matrix: Air

Analysis Batch: 709300

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			10/05/25 17:40	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			10/05/25 17:40	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			10/05/25 17:40	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			10/05/25 17:40	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			10/05/25 17:40	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			10/05/25 17:40	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			10/05/25 17:40	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			10/05/25 17:40	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			10/05/25 17:40	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			10/05/25 17:40	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			10/05/25 17:40	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			10/05/25 17:40	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			10/05/25 17:40	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			10/05/25 17:40	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			10/05/25 17:40	1
1,4-Dioxane	18	U	18	0.17	ug/m3			10/05/25 17:40	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.5	ug/m3			10/05/25 17:40	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			10/05/25 17:40	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			10/05/25 17:40	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			10/05/25 17:40	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	0.53	ug/m3			10/05/25 17:40	1
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			10/05/25 17:40	1
Acetone	12	U	12	3.8	ug/m3			10/05/25 17:40	1
Benzene	0.64	U	0.64	0.14	ug/m3			10/05/25 17:40	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			10/05/25 17:40	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			10/05/25 17:40	1
Bromoform	2.1	U	2.1	1.2	ug/m3			10/05/25 17:40	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			10/05/25 17:40	1
Carbon disulfide	1.6	U	1.6	0.41	ug/m3			10/05/25 17:40	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			10/05/25 17:40	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			10/05/25 17:40	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			10/05/25 17:40	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			10/05/25 17:40	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			10/05/25 17:40	1
Chloroform	0.98	U	0.98	0.20	ug/m3			10/05/25 17:40	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			10/05/25 17:40	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			10/05/25 17:40	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			10/05/25 17:40	1
Cyclohexane	0.69	U	0.69	0.11	ug/m3			10/05/25 17:40	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			10/05/25 17:40	1
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			10/05/25 17:40	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			10/05/25 17:40	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			10/05/25 17:40	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			10/05/25 17:40	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			10/05/25 17:40	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			10/05/25 17:40	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			10/05/25 17:40	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			10/05/25 17:40	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-709300/7

Matrix: Air

Analysis Batch: 709300

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cumene	0.98	U	0.98	0.20	ug/m3			10/05/25 17:40	1
Cumene	0.98	U	0.98	0.20	ug/m3			10/05/25 17:40	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			10/05/25 17:40	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			10/05/25 17:40	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			10/05/25 17:40	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			10/05/25 17:40	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			10/05/25 17:40	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			10/05/25 17:40	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			10/05/25 17:40	1
Styrene	0.85	U	0.85	0.25	ug/m3			10/05/25 17:40	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			10/05/25 17:40	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			10/05/25 17:40	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			10/05/25 17:40	1
Toluene	0.75	U	0.75	0.16	ug/m3			10/05/25 17:40	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			10/05/25 17:40	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			10/05/25 17:40	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			10/05/25 17:40	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			10/05/25 17:40	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			10/05/25 17:40	1
N-Propylbenzene	0.98	U	0.98	0.23	ug/m3			10/05/25 17:40	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			10/05/25 17:40	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			10/05/25 17:40	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			10/05/25 17:40	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			10/05/25 17:40	1
n-Butane	1.2	U	1.2	0.48	ug/m3			10/05/25 17:40	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			10/05/25 17:40	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			10/05/25 17:40	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			10/05/25 17:40	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			10/05/25 17:40	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			10/05/25 17:40	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.051	ppb v/v			10/05/25 17:40	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			10/05/25 17:40	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			10/05/25 17:40	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			10/05/25 17:40	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			10/05/25 17:40	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			10/05/25 17:40	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			10/05/25 17:40	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			10/05/25 17:40	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			10/05/25 17:40	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			10/05/25 17:40	1
1,4-Dioxane	5.0	U	5.0	0.047	ppb v/v			10/05/25 17:40	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			10/05/25 17:40	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			10/05/25 17:40	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			10/05/25 17:40	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			10/05/25 17:40	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-709300/7
Matrix: Air
Analysis Batch: 709300

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			10/05/25 17:40	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			10/05/25 17:40	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			10/05/25 17:40	1
Acetone	5.0	U	5.0	1.6	ppb v/v			10/05/25 17:40	1
Benzene	0.20	U	0.20	0.044	ppb v/v			10/05/25 17:40	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			10/05/25 17:40	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			10/05/25 17:40	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			10/05/25 17:40	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			10/05/25 17:40	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			10/05/25 17:40	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			10/05/25 17:40	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			10/05/25 17:40	1
Chlorodifluoromethane	0.50	U	0.50	0.12	ppb v/v			10/05/25 17:40	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			10/05/25 17:40	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			10/05/25 17:40	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			10/05/25 17:40	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			10/05/25 17:40	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			10/05/25 17:40	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			10/05/25 17:40	1
Cyclohexane	0.20	U	0.20	0.032	ppb v/v			10/05/25 17:40	1
Dibromochloromethane	0.20	U	0.20	0.015	ppb v/v			10/05/25 17:40	1
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			10/05/25 17:40	1
Ethylbenzene	0.20	U	0.20	0.052	ppb v/v			10/05/25 17:40	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			10/05/25 17:40	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			10/05/25 17:40	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			10/05/25 17:40	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			10/05/25 17:40	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			10/05/25 17:40	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			10/05/25 17:40	1
Cumene	0.20	U	0.20	0.041	ppb v/v			10/05/25 17:40	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			10/05/25 17:40	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			10/05/25 17:40	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			10/05/25 17:40	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			10/05/25 17:40	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			10/05/25 17:40	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			10/05/25 17:40	1
o-Xylene	0.20	U	0.20	0.052	ppb v/v			10/05/25 17:40	1
Styrene	0.20	U	0.20	0.059	ppb v/v			10/05/25 17:40	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			10/05/25 17:40	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			10/05/25 17:40	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			10/05/25 17:40	1
Toluene	0.20	U	0.20	0.042	ppb v/v			10/05/25 17:40	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			10/05/25 17:40	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			10/05/25 17:40	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			10/05/25 17:40	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			10/05/25 17:40	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-709300/7
Matrix: Air
Analysis Batch: 709300

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			10/05/25 17:40	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			10/05/25 17:40	1
N-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			10/05/25 17:40	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			10/05/25 17:40	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			10/05/25 17:40	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			10/05/25 17:40	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			10/05/25 17:40	1
n-Butane	0.50	U	0.50	0.20	ppb v/v			10/05/25 17:40	1

Lab Sample ID: LCS 410-709300/4
Matrix: Air
Analysis Batch: 709300

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	27.3	25.9		ug/m3		95	70 - 130
1,1,2,2-Tetrachloroethane	34.3	28.3		ug/m3		83	61 - 130
1,1,2-Trichloroethane	27.3	24.7		ug/m3		91	70 - 130
1,1-Dichloroethane	20.2	18.3		ug/m3		90	70 - 130
1,1-Dichloroethene	19.8	19.7		ug/m3		99	70 - 131
1,2,4-Trichlorobenzene	37.1	35.8		ug/m3		97	52 - 143
1,2,4-Trimethylbenzene	24.6	22.6		ug/m3		92	65 - 146
1,2-Dibromoethane	38.4	34.9		ug/m3		91	70 - 130
1,2-Dichlorobenzene	30.1	26.6		ug/m3		88	61 - 139
1,2-Dichloroethane	20.2	17.5		ug/m3		87	70 - 131
1,2-Dichloropropane	23.1	19.8		ug/m3		86	70 - 130
1,3,5-Trimethylbenzene	24.6	23.8		ug/m3		97	69 - 141
1,3-Butadiene	11.1	10.4		ug/m3		94	70 - 131
1,3-Dichlorobenzene	30.1	26.7		ug/m3		89	64 - 140
1,4-Dichlorobenzene	30.1	26.5		ug/m3		88	64 - 137
1,4-Dioxane	18.0	18.8		ug/m3		104	70 - 130
Methyl Ethyl Ketone (2-Butanone)	14.7	14.3		ug/m3		97	70 - 130
2-Chlorotoluene	25.9	24.2		ug/m3		94	70 - 130
3-Chloropropene	15.7	13.4		ug/m3		86	70 - 137
4-Ethyltoluene	24.6	24.5		ug/m3		100	69 - 139
4-Methyl-2-pentanone (Methyl isobutyl ketone)	20.5	18.1		ug/m3		88	68 - 133
Methyl Butyl Ketone (2-Hexanone)	20.5	18.2		ug/m3		89	57 - 141
Acetone	11.9	10.4	J	ug/m3		88	70 - 137
Benzene	16.0	14.3		ug/m3		90	70 - 130
Bromodichloromethane	33.5	28.5		ug/m3		85	70 - 130
Bromoethene(Vinyl Bromide)	21.9	20.1		ug/m3		92	70 - 130
Bromoform	51.7	48.7		ug/m3		94	60 - 139
Bromomethane	19.4	20.0		ug/m3		103	70 - 140
Carbon disulfide	15.6	12.5		ug/m3		80	70 - 130
Carbon tetrachloride	31.5	32.1		ug/m3		102	70 - 130
Chlorobenzene	23.0	19.9		ug/m3		86	70 - 130

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-709300/4

Matrix: Air

Analysis Batch: 709300

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorodifluoromethane	17.7	18.4		ug/m3		104	70 - 132
Chloroethane	13.2	12.1		ug/m3		92	70 - 131
Benzyl chloride	25.9	23.0		ug/m3		89	57 - 142
Chloroform	24.4	22.1		ug/m3		91	70 - 130
Chloromethane	10.3	10.2		ug/m3		99	64 - 138
cis-1,2-Dichloroethene	19.8	17.6		ug/m3		89	70 - 130
cis-1,3-Dichloropropene	22.7	19.9		ug/m3		88	70 - 130
Cyclohexane	17.2	16.3		ug/m3		95	61 - 130
Dibromochloromethane	42.6	38.7		ug/m3		91	70 - 130
Dichlorodifluoromethane	24.7	23.0		ug/m3		93	70 - 131
Ethylbenzene	21.7	20.0		ug/m3		92	70 - 130
1,1,2-Trichlorotrifluoroethane	38.3	40.5		ug/m3		106	70 - 130
1,2-Dichlorotetrafluoroethane	35.0	36.7		ug/m3		105	70 - 130
n-Heptane	20.5	19.5		ug/m3		95	70 - 130
Hexachlorobutadiene	53.3	47.7		ug/m3		90	40 - 157
n-Hexane	17.6	15.3		ug/m3		87	61 - 130
2,2,4-Trimethylpentane	23.4	21.6		ug/m3		93	70 - 130
Cumene	24.6	24.3		ug/m3		99	70 - 137
Isopropyl alcohol	12.3	9.96	J	ug/m3		81	62 - 135
m,p-Xylene	21.7	23.0		ug/m3		106	70 - 130
Methyl methacrylate	20.5	19.5		ug/m3		95	70 - 130
Methyl tert-butyl ether	18.0	18.3		ug/m3		102	70 - 130
Methylene Chloride	17.4	17.3		ug/m3		100	70 - 130
Naphthalene	30.4	24.2		ug/m3		79	22 - 139
o-Xylene	21.7	20.5		ug/m3		94	70 - 130
Styrene	21.3	19.7		ug/m3		92	70 - 133
tert-Butyl alcohol	16.8	18.2		ug/m3		108	50 - 130
Tetrachloroethene	33.9	29.6		ug/m3		87	70 - 140
Tetrahydrofuran	14.7	12.3	J	ug/m3		83	54 - 143
Toluene	18.8	17.0		ug/m3		90	70 - 130
trans-1,2-Dichloroethene	19.8	17.0		ug/m3		86	70 - 130
trans-1,3-Dichloropropene	22.7	21.7		ug/m3		96	70 - 130
Trichloroethene	26.9	23.9		ug/m3		89	70 - 130
Trichlorofluoromethane	28.1	27.6		ug/m3		98	70 - 130
Vinyl chloride	12.8	13.6		ug/m3		106	70 - 135
N-Propylbenzene	24.6	23.1		ug/m3		94	70 - 130
n-Butylbenzene	27.4	24.3		ug/m3		89	57 - 143
sec-Butylbenzene	27.4	25.6		ug/m3		93	66 - 141
tert-Butylbenzene	27.4	26.4		ug/m3		96	63 - 130
4-Isopropyltoluene	27.4	25.3		ug/m3		92	60 - 148
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	5.0	4.74		ppb v/v		95	70 - 130
1,1,2,2-Tetrachloroethane	5.0	4.13		ppb v/v		83	61 - 130
1,1,2-Trichloroethane	5.0	4.53		ppb v/v		91	70 - 130
1,1-Dichloroethane	5.0	4.51		ppb v/v		90	70 - 130
1,1-Dichloroethene	5.0	4.97		ppb v/v		99	70 - 131

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-709300/4

Matrix: Air

Analysis Batch: 709300

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	5.0	4.83		ppb v/v		97	52 - 143
1,2,4-Trimethylbenzene	5.0	4.60		ppb v/v		92	65 - 146
1,2-Dibromoethane	5.0	4.55		ppb v/v		91	70 - 130
1,2-Dichlorobenzene	5.0	4.42		ppb v/v		88	61 - 139
1,2-Dichloroethane	5.0	4.33		ppb v/v		87	70 - 131
1,2-Dichloropropane	5.0	4.28		ppb v/v		86	70 - 130
1,3,5-Trimethylbenzene	5.0	4.85		ppb v/v		97	69 - 141
1,3-Butadiene	5.0	4.71		ppb v/v		94	70 - 131
1,3-Dichlorobenzene	5.0	4.44		ppb v/v		89	64 - 140
1,4-Dichlorobenzene	5.0	4.41		ppb v/v		88	64 - 137
1,4-Dioxane	5.0	5.21		ppb v/v		104	70 - 130
Methyl Ethyl Ketone (2-Butanone)	5.0	4.84		ppb v/v		97	70 - 130
2-Chlorotoluene	5.0	4.68		ppb v/v		94	70 - 130
3-Chloropropene	5.0	4.29		ppb v/v		86	70 - 137
4-Ethyltoluene	5.0	4.98		ppb v/v		100	69 - 139
4-Methyl-2-pentanone (Methyl isobutyl ketone)	5.0	4.41		ppb v/v		88	68 - 133
Methyl Butyl Ketone (2-Hexanone)	5.0	4.43		ppb v/v		89	57 - 141
Acetone	5.0	4.39	J	ppb v/v		88	70 - 137
Benzene	5.0	4.49		ppb v/v		90	70 - 130
Bromodichloromethane	5.0	4.25		ppb v/v		85	70 - 130
Bromoethene(Vinyl Bromide)	5.0	4.60		ppb v/v		92	70 - 130
Bromoform	5.0	4.71		ppb v/v		94	60 - 139
Bromomethane	5.0	5.16		ppb v/v		103	70 - 140
Carbon disulfide	5.0	4.00		ppb v/v		80	70 - 130
Carbon tetrachloride	5.0	5.10		ppb v/v		102	70 - 130
Chlorobenzene	5.0	4.32		ppb v/v		86	70 - 130
Chlorodifluoromethane	5.0	5.21		ppb v/v		104	70 - 132
Chloroethane	5.0	4.59		ppb v/v		92	70 - 131
Benzyl chloride	5.0	4.44		ppb v/v		89	57 - 142
Chloroform	5.0	4.53		ppb v/v		91	70 - 130
Chloromethane	5.0	4.94		ppb v/v		99	64 - 138
cis-1,2-Dichloroethene	5.0	4.44		ppb v/v		89	70 - 130
cis-1,3-Dichloropropene	5.0	4.38		ppb v/v		88	70 - 130
Cyclohexane	5.0	4.75		ppb v/v		95	61 - 130
Dibromochloromethane	5.0	4.54		ppb v/v		91	70 - 130
Dichlorodifluoromethane	5.0	4.65		ppb v/v		93	70 - 131
Ethylbenzene	5.0	4.61		ppb v/v		92	70 - 130
1,1,2-Trichlorotrifluoroethane	5.0	5.28		ppb v/v		106	70 - 130
1,2-Dichlorotetrafluoroethane	5.0	5.24		ppb v/v		105	70 - 130
n-Heptane	5.0	4.77		ppb v/v		95	70 - 130
Hexachlorobutadiene	5.0	4.48		ppb v/v		90	40 - 157
n-Hexane	5.0	4.34		ppb v/v		87	61 - 130
2,2,4-Trimethylpentane	5.0	4.63		ppb v/v		93	70 - 130
Cumene	5.0	4.95		ppb v/v		99	70 - 137
Isopropyl alcohol	5.0	4.05	J	ppb v/v		81	62 - 135

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-709300/4
Matrix: Air
Analysis Batch: 709300

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
m,p-Xylene	5.0	5.30		ppb v/v		106	70 - 130
Methyl methacrylate	5.0	4.75		ppb v/v		95	70 - 130
Methyl tert-butyl ether	5.0	5.08		ppb v/v		102	70 - 130
Methylene Chloride	5.0	4.99		ppb v/v		100	70 - 130
Naphthalene	5.8	4.61		ppb v/v		79	22 - 139
o-Xylene	5.0	4.71		ppb v/v		94	70 - 130
Styrene	5.0	4.62		ppb v/v		92	70 - 133
tert-Butyl alcohol	5.6	6.01		ppb v/v		108	50 - 130
Tetrachloroethene	5.0	4.36		ppb v/v		87	70 - 140
Tetrahydrofuran	5.0	4.17	J	ppb v/v		83	54 - 143
Toluene	5.0	4.50		ppb v/v		90	70 - 130
trans-1,2-Dichloroethene	5.0	4.29		ppb v/v		86	70 - 130
trans-1,3-Dichloropropene	5.0	4.78		ppb v/v		96	70 - 130
Trichloroethene	5.0	4.45		ppb v/v		89	70 - 130
Trichlorofluoromethane	5.0	4.91		ppb v/v		98	70 - 130
Vinyl chloride	5.0	5.32		ppb v/v		106	70 - 135
N-Propylbenzene	5.0	4.70		ppb v/v		94	70 - 130
n-Butylbenzene	5.0	4.43		ppb v/v		89	57 - 143
sec-Butylbenzene	5.0	4.66		ppb v/v		93	66 - 141
tert-Butylbenzene	5.0	4.81		ppb v/v		96	63 - 130
4-Isopropyltoluene	5.0	4.60		ppb v/v		92	60 - 148

Lab Sample ID: LCS 410-709300/5
Matrix: Air
Analysis Batch: 709300

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
n-Butane	11.9	9.82		ug/m3		83	70 - 130
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
n-Butane	5.0	4.13		ppb v/v		83	70 - 130

Lab Sample ID: 410-245119-A-1 DU
Matrix: Air
Analysis Batch: 709300

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1,1-Trichloroethane	1.1	U	1.1	U	ug/m3		NC	25
1,1,2,2-Tetrachloroethane	1.4	U	1.4	U	ug/m3		NC	25
1,1,2-Trichloroethane	1.1	U	1.1	U	ug/m3		NC	25
1,1-Dichloroethane	0.81	U	0.81	U	ug/m3		NC	25
1,1-Dichloroethene	0.20	U	0.20	U	ug/m3		NC	25
1,2,4-Trichlorobenzene	3.7	U	3.7	U	ug/m3		NC	25
1,2,4-Trimethylbenzene	0.98	U	0.98	U	ug/m3		NC	25
1,2-Dibromoethane	1.5	U	1.5	U	ug/m3		NC	25
1,2-Dichlorobenzene	1.2	U	1.2	U	ug/m3		NC	25
1,2-Dichloroethane	0.81	U	0.81	U	ug/m3		NC	25
1,2-Dichloropropane	0.92	U	0.92	U	ug/m3		NC	25

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: 410-245119-A-1 DU

Matrix: Air

Analysis Batch: 709300

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,3,5-Trimethylbenzene	0.98	U	0.98	U	ug/m3		NC	25
1,3-Butadiene	0.44	U	0.44	U	ug/m3		NC	25
1,3-Dichlorobenzene	1.2	U	1.2	U	ug/m3		NC	25
1,4-Dichlorobenzene	1.2	U	1.2	U	ug/m3		NC	25
1,4-Dioxane	18	U	18	U	ug/m3		NC	25
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	U	ug/m3		NC	25
2-Chlorotoluene	1.0	U	1.0	U	ug/m3		NC	25
3-Chloropropene	1.6	U	1.6	U	ug/m3		NC	25
4-Ethyltoluene	0.98	U	0.98	U	ug/m3		NC	25
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	U	ug/m3		NC	25
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	U	ug/m3		NC	25
Acetone	8.5	J	8.54	J	ug/m3		0.8	25
Benzene	0.86		0.866		ug/m3		0.8	25
Bromodichloromethane	1.3	U	1.3	U	ug/m3		NC	25
Bromoethene(Vinyl Bromide)	0.88	U	0.88	U	ug/m3		NC	25
Bromoform	2.1	U	2.1	U	ug/m3		NC	25
Bromomethane	0.78	U	0.78	U	ug/m3		NC	25
Carbon disulfide	1.6	U	1.6	U	ug/m3		NC	25
Carbon tetrachloride	0.45		0.418		ug/m3		7	25
Chlorobenzene	0.92	U	0.92	U	ug/m3		NC	25
Chlorodifluoromethane	0.97	J	0.869	J	ug/m3		11	25
Chloroethane	1.3	U	1.3	U	ug/m3		NC	25
Benzyl chloride	1.0	U	1.0	U	ug/m3		NC	25
Chloroform	0.98	U	0.98	U	ug/m3		NC	25
Chloromethane	0.96	J	0.865	J	ug/m3		11	25
cis-1,2-Dichloroethene	0.20	U	0.20	U	ug/m3		NC	25
cis-1,3-Dichloropropene	0.91	U	0.91	U	ug/m3		NC	25
Cyclohexane	0.47	J	0.453	J	ug/m3		3	25
Dibromochloromethane	1.7	U	1.7	U	ug/m3		NC	25
Dichlorodifluoromethane	2.1	J	2.04	J	ug/m3		5	25
Ethylbenzene	0.49	J	0.482	J	ug/m3		2	25
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	U	ug/m3		NC	25
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	U	ug/m3		NC	25
n-Heptane	0.82	U	0.82	U	ug/m3		NC	25
Hexachlorobutadiene	2.1	U	2.1	U	ug/m3		NC	25
n-Hexane	0.45	J	0.409	J	ug/m3		8	25
2,2,4-Trimethylpentane	0.53	J	0.535	J	ug/m3		1	25
Cumene	0.98	U	0.98	U	ug/m3		NC	25
Isopropyl alcohol	17		15.3		ug/m3		9	25
m,p-Xylene	0.78	J	0.760	J	ug/m3		3	25
Methyl methacrylate	2.1	U	2.1	U	ug/m3		NC	25
Methyl tert-butyl ether	0.72	U	0.72	U	ug/m3		NC	25
Methylene Chloride	1.7	U	1.7	U	ug/m3		NC	25
Naphthalene	2.0	U	2.0	U	ug/m3		NC	25
o-Xylene	0.87	U	0.87	U	ug/m3		NC	25

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: 410-245119-A-1 DU
Matrix: Air
Analysis Batch: 709300

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Styrene	0.85	U	0.85	U	ug/m3		NC	25
tert-Butyl alcohol	15	U	15	U	ug/m3		NC	25
Tetrachloroethene	1.4	U	1.4	U	ug/m3		NC	25
Tetrahydrofuran	15	U	15	U	ug/m3		NC	25
Toluene	1.3		1.26		ug/m3		0.2	25
trans-1,2-Dichloroethene	0.79	U	0.79	U	ug/m3		NC	25
trans-1,3-Dichloropropene	0.91	U	0.91	U	ug/m3		NC	25
Trichloroethene	0.20	U	0.20	U	ug/m3		NC	25
Trichlorofluoromethane	1.1		1.17		ug/m3		4	25
Vinyl chloride	0.20	U	0.20	U	ug/m3		NC	25
N-Propylbenzene	0.98	U	0.98	U	ug/m3		NC	25
n-Butylbenzene	1.1	U	1.1	U	ug/m3		NC	25
sec-Butylbenzene	1.1	U	1.1	U	ug/m3		NC	25
tert-Butylbenzene	1.1	U	1.1	U	ug/m3		NC	25
4-Isopropyltoluene	1.1	U	1.1	U	ug/m3		NC	25
n-Butane	3.5		3.55		ug/m3		0.4	25
Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1,1-Trichloroethane	1.1	U	0.20	U	ppb v/v		NC	25
1,1,2,2-Tetrachloroethane	1.4	U	0.20	U	ppb v/v		NC	25
1,1,2-Trichloroethane	1.1	U	0.20	U	ppb v/v		NC	25
1,1-Dichloroethane	0.81	U	0.20	U	ppb v/v		NC	25
1,1-Dichloroethene	0.20	U	0.050	U	ppb v/v		NC	25
1,2,4-Trichlorobenzene	3.7	U	0.50	U	ppb v/v		NC	25
1,2,4-Trimethylbenzene	0.98	U	0.20	U	ppb v/v		NC	25
1,2-Dibromoethane	1.5	U	0.20	U	ppb v/v		NC	25
1,2-Dichlorobenzene	1.2	U	0.20	U	ppb v/v		NC	25
1,2-Dichloroethane	0.81	U	0.20	U	ppb v/v		NC	25
1,2-Dichloropropane	0.92	U	0.20	U	ppb v/v		NC	25
1,3,5-Trimethylbenzene	0.98	U	0.20	U	ppb v/v		NC	25
1,3-Butadiene	0.44	U	0.20	U	ppb v/v		NC	25
1,3-Dichlorobenzene	1.2	U	0.20	U	ppb v/v		NC	25
1,4-Dichlorobenzene	1.2	U	0.20	U	ppb v/v		NC	25
1,4-Dioxane	18	U	5.0	U	ppb v/v		NC	25
Methyl Ethyl Ketone (2-Butanone)	1.5	U	0.50	U	ppb v/v		NC	25
2-Chlorotoluene	1.0	U	0.20	U	ppb v/v		NC	25
3-Chloropropene	1.6	U	0.50	U	ppb v/v		NC	25
4-Ethyltoluene	0.98	U	0.20	U	ppb v/v		NC	25
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	0.50	U	ppb v/v		NC	25
Methyl Butyl Ketone (2-Hexanone)	2.1	U	0.50	U	ppb v/v		NC	25
Acetone	8.5	J	3.59	J	ppb v/v		0.8	25
Benzene	0.86		0.271		ppb v/v		0.8	25
Bromodichloromethane	1.3	U	0.20	U	ppb v/v		NC	25
Bromoethene(Vinyl Bromide)	0.88	U	0.20	U	ppb v/v		NC	25
Bromoform	2.1	U	0.20	U	ppb v/v		NC	25

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: 410-245119-A-1 DU

Matrix: Air

Analysis Batch: 709300

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Bromomethane	0.78	U	0.20	U	ppb v/v		NC	25
Carbon disulfide	1.6	U	0.50	U	ppb v/v		NC	25
Carbon tetrachloride	0.45		0.0664		ppb v/v		7	25
Chlorobenzene	0.92	U	0.20	U	ppb v/v		NC	25
Chlorodifluoromethane	0.97	J	0.246	J	ppb v/v		11	25
Chloroethane	1.3	U	0.50	U	ppb v/v		NC	25
Benzyl chloride	1.0	U	0.20	U	ppb v/v		NC	25
Chloroform	0.98	U	0.20	U	ppb v/v		NC	25
Chloromethane	0.96	J	0.419	J	ppb v/v		11	25
cis-1,2-Dichloroethene	0.20	U	0.050	U	ppb v/v		NC	25
cis-1,3-Dichloropropene	0.91	U	0.20	U	ppb v/v		NC	25
Cyclohexane	0.47	J	0.132	J	ppb v/v		3	25
Dibromochloromethane	1.7	U	0.20	U	ppb v/v		NC	25
Dichlorodifluoromethane	2.1	J	0.413	J	ppb v/v		5	25
Ethylbenzene	0.49	J	0.111	J	ppb v/v		2	25
1,1,2-Trichlorotrifluoroethane	1.5	U	0.20	U	ppb v/v		NC	25
1,2-Dichlorotetrafluoroethane	1.4	U	0.20	U	ppb v/v		NC	25
n-Heptane	0.82	U	0.20	U	ppb v/v		NC	25
Hexachlorobutadiene	2.1	U	0.20	U	ppb v/v		NC	25
n-Hexane	0.45	J	0.116	J	ppb v/v		8	25
2,2,4-Trimethylpentane	0.53	J	0.115	J	ppb v/v		1	25
Cumene	0.98	U	0.20	U	ppb v/v		NC	25
Isopropyl alcohol	17		6.22		ppb v/v		9	25
m,p-Xylene	0.78	J	0.175	J	ppb v/v		3	25
Methyl methacrylate	2.1	U	0.50	U	ppb v/v		NC	25
Methyl tert-butyl ether	0.72	U	0.20	U	ppb v/v		NC	25
Methylene Chloride	1.7	U	0.50	U	ppb v/v		NC	25
Naphthalene	2.0	U	0.38	U	ppb v/v		NC	25
o-Xylene	0.87	U	0.20	U	ppb v/v		NC	25
Styrene	0.85	U	0.20	U	ppb v/v		NC	25
tert-Butyl alcohol	15	U	5.0	U	ppb v/v		NC	25
Tetrachloroethene	1.4	U	0.20	U	ppb v/v		NC	25
Tetrahydrofuran	15	U	5.0	U	ppb v/v		NC	25
Toluene	1.3		0.334		ppb v/v		0.2	25
trans-1,2-Dichloroethene	0.79	U	0.20	U	ppb v/v		NC	25
trans-1,3-Dichloropropene	0.91	U	0.20	U	ppb v/v		NC	25
Trichloroethene	0.20	U	0.037	U	ppb v/v		NC	25
Trichlorofluoromethane	1.1		0.208		ppb v/v		4	25
Vinyl chloride	0.20	U	0.078	U	ppb v/v		NC	25
N-Propylbenzene	0.98	U	0.20	U	ppb v/v		NC	25
n-Butylbenzene	1.1	U	0.20	U	ppb v/v		NC	25
sec-Butylbenzene	1.1	U	0.20	U	ppb v/v		NC	25
tert-Butylbenzene	1.1	U	0.20	U	ppb v/v		NC	25
4-Isopropyltoluene	1.1	U	0.20	U	ppb v/v		NC	25
n-Butane	3.5		1.49		ppb v/v		0.4	25

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-709592/7

Matrix: Air

Analysis Batch: 709592

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			10/06/25 16:08	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			10/06/25 16:08	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			10/06/25 16:08	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			10/06/25 16:08	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			10/06/25 16:08	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			10/06/25 16:08	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			10/06/25 16:08	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			10/06/25 16:08	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			10/06/25 16:08	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			10/06/25 16:08	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			10/06/25 16:08	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			10/06/25 16:08	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			10/06/25 16:08	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			10/06/25 16:08	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			10/06/25 16:08	1
1,4-Dioxane	18	U	18	0.17	ug/m3			10/06/25 16:08	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.5	ug/m3			10/06/25 16:08	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			10/06/25 16:08	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			10/06/25 16:08	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			10/06/25 16:08	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	0.53	ug/m3			10/06/25 16:08	1
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			10/06/25 16:08	1
Acetone	12	U	12	3.8	ug/m3			10/06/25 16:08	1
Benzene	0.64	U	0.64	0.14	ug/m3			10/06/25 16:08	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			10/06/25 16:08	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			10/06/25 16:08	1
Bromoform	2.1	U	2.1	1.2	ug/m3			10/06/25 16:08	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			10/06/25 16:08	1
Carbon disulfide	1.6	U	1.6	0.41	ug/m3			10/06/25 16:08	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			10/06/25 16:08	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			10/06/25 16:08	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			10/06/25 16:08	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			10/06/25 16:08	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			10/06/25 16:08	1
Chloroform	0.98	U	0.98	0.20	ug/m3			10/06/25 16:08	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			10/06/25 16:08	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			10/06/25 16:08	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			10/06/25 16:08	1
Cyclohexane	0.69	U	0.69	0.11	ug/m3			10/06/25 16:08	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			10/06/25 16:08	1
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			10/06/25 16:08	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			10/06/25 16:08	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			10/06/25 16:08	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			10/06/25 16:08	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			10/06/25 16:08	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			10/06/25 16:08	1

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-709592/7

Matrix: Air

Analysis Batch: 709592

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Hexane	1.8	U	1.8	0.39	ug/m3			10/06/25 16:08	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			10/06/25 16:08	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			10/06/25 16:08	1
Cumene	0.98	U	0.98	0.20	ug/m3			10/06/25 16:08	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			10/06/25 16:08	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			10/06/25 16:08	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			10/06/25 16:08	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			10/06/25 16:08	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			10/06/25 16:08	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			10/06/25 16:08	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			10/06/25 16:08	1
Styrene	0.85	U	0.85	0.25	ug/m3			10/06/25 16:08	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			10/06/25 16:08	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			10/06/25 16:08	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			10/06/25 16:08	1
Toluene	0.75	U	0.75	0.16	ug/m3			10/06/25 16:08	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			10/06/25 16:08	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			10/06/25 16:08	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			10/06/25 16:08	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			10/06/25 16:08	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			10/06/25 16:08	1
N-Propylbenzene	0.98	U	0.98	0.23	ug/m3			10/06/25 16:08	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			10/06/25 16:08	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			10/06/25 16:08	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			10/06/25 16:08	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			10/06/25 16:08	1
n-Butane	1.2	U	1.2	0.48	ug/m3			10/06/25 16:08	1
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			10/06/25 16:08	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			10/06/25 16:08	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			10/06/25 16:08	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			10/06/25 16:08	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			10/06/25 16:08	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.051	ppb v/v			10/06/25 16:08	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			10/06/25 16:08	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			10/06/25 16:08	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			10/06/25 16:08	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			10/06/25 16:08	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			10/06/25 16:08	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			10/06/25 16:08	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			10/06/25 16:08	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			10/06/25 16:08	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			10/06/25 16:08	1
1,4-Dioxane	5.0	U	5.0	0.047	ppb v/v			10/06/25 16:08	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			10/06/25 16:08	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			10/06/25 16:08	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-709592/7

Matrix: Air

Analysis Batch: 709592

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			10/06/25 16:08	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			10/06/25 16:08	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			10/06/25 16:08	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			10/06/25 16:08	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			10/06/25 16:08	1
Acetone	5.0	U	5.0	1.6	ppb v/v			10/06/25 16:08	1
Benzene	0.20	U	0.20	0.044	ppb v/v			10/06/25 16:08	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			10/06/25 16:08	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			10/06/25 16:08	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			10/06/25 16:08	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			10/06/25 16:08	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			10/06/25 16:08	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			10/06/25 16:08	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			10/06/25 16:08	1
Chlorodifluoromethane	0.50	U	0.50	0.12	ppb v/v			10/06/25 16:08	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			10/06/25 16:08	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			10/06/25 16:08	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			10/06/25 16:08	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			10/06/25 16:08	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			10/06/25 16:08	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			10/06/25 16:08	1
Cyclohexane	0.20	U	0.20	0.032	ppb v/v			10/06/25 16:08	1
Dibromochloromethane	0.20	U	0.20	0.015	ppb v/v			10/06/25 16:08	1
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			10/06/25 16:08	1
Ethylbenzene	0.20	U	0.20	0.052	ppb v/v			10/06/25 16:08	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			10/06/25 16:08	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			10/06/25 16:08	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			10/06/25 16:08	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			10/06/25 16:08	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			10/06/25 16:08	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			10/06/25 16:08	1
Cumene	0.20	U	0.20	0.041	ppb v/v			10/06/25 16:08	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			10/06/25 16:08	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			10/06/25 16:08	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			10/06/25 16:08	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			10/06/25 16:08	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			10/06/25 16:08	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			10/06/25 16:08	1
o-Xylene	0.20	U	0.20	0.052	ppb v/v			10/06/25 16:08	1
Styrene	0.20	U	0.20	0.059	ppb v/v			10/06/25 16:08	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			10/06/25 16:08	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			10/06/25 16:08	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			10/06/25 16:08	1
Toluene	0.20	U	0.20	0.042	ppb v/v			10/06/25 16:08	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			10/06/25 16:08	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			10/06/25 16:08	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			10/06/25 16:08	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-709592/7
Matrix: Air
Analysis Batch: 709592

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			10/06/25 16:08	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			10/06/25 16:08	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			10/06/25 16:08	1
N-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			10/06/25 16:08	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			10/06/25 16:08	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			10/06/25 16:08	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			10/06/25 16:08	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			10/06/25 16:08	1
n-Butane	0.50	U	0.50	0.20	ppb v/v			10/06/25 16:08	1

Lab Sample ID: LCS 410-709592/4
Matrix: Air
Analysis Batch: 709592

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	27.3	26.6		ug/m3		97	70 - 130
1,1,2,2-Tetrachloroethane	34.3	29.4		ug/m3		86	61 - 130
1,1,2-Trichloroethane	27.3	25.5		ug/m3		94	70 - 130
1,1-Dichloroethane	20.2	18.2		ug/m3		90	70 - 130
1,1-Dichloroethene	19.8	19.5		ug/m3		98	70 - 131
1,2,4-Trichlorobenzene	37.1	37.3		ug/m3		101	52 - 143
1,2,4-Trimethylbenzene	24.6	23.5		ug/m3		96	65 - 146
1,2-Dibromoethane	38.4	35.9		ug/m3		93	70 - 130
1,2-Dichlorobenzene	30.1	28.4		ug/m3		95	61 - 139
1,2-Dichloroethane	20.2	18.5		ug/m3		91	70 - 131
1,2-Dichloropropane	23.1	19.8		ug/m3		86	70 - 130
1,3,5-Trimethylbenzene	24.6	25.7		ug/m3		104	69 - 141
1,3-Butadiene	11.1	9.51		ug/m3		86	70 - 131
1,3-Dichlorobenzene	30.1	28.3		ug/m3		94	64 - 140
1,4-Dichlorobenzene	30.1	28.4		ug/m3		95	64 - 137
1,4-Dioxane	18.0	18.5		ug/m3		103	70 - 130
Methyl Ethyl Ketone (2-Butanone)	14.7	13.8		ug/m3		94	70 - 130
2-Chlorotoluene	25.9	24.9		ug/m3		96	70 - 130
3-Chloropropene	15.7	13.0		ug/m3		83	70 - 137
4-Ethyltoluene	24.6	24.7		ug/m3		101	69 - 139
4-Methyl-2-pentanone (Methyl isobutyl ketone)	20.5	18.1		ug/m3		89	68 - 133
Methyl Butyl Ketone (2-Hexanone)	20.5	17.9		ug/m3		87	57 - 141
Acetone	11.9	10.1	J	ug/m3		85	70 - 137
Benzene	16.0	14.3		ug/m3		89	70 - 130
Bromodichloromethane	33.5	29.6		ug/m3		88	70 - 130
Bromoethene(Vinyl Bromide)	21.9	20.3		ug/m3		93	70 - 130
Bromoform	51.7	52.8		ug/m3		102	60 - 139
Bromomethane	19.4	19.8		ug/m3		102	70 - 140
Carbon disulfide	15.6	12.4		ug/m3		79	70 - 130
Carbon tetrachloride	31.5	33.7		ug/m3		107	70 - 130

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-709592/4

Matrix: Air

Analysis Batch: 709592

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	23.0	20.4		ug/m3		88	70 - 130
Chlorodifluoromethane	17.7	18.1		ug/m3		102	70 - 132
Chloroethane	13.2	12.0		ug/m3		91	70 - 131
Benzyl chloride	25.9	24.1		ug/m3		93	57 - 142
Chloroform	24.4	22.6		ug/m3		93	70 - 130
Chloromethane	10.3	9.63		ug/m3		93	64 - 138
cis-1,2-Dichloroethene	19.8	17.2		ug/m3		87	70 - 130
cis-1,3-Dichloropropene	22.7	19.7		ug/m3		87	70 - 130
Cyclohexane	17.2	15.5		ug/m3		90	61 - 130
Dibromochloromethane	42.6	41.5		ug/m3		97	70 - 130
Dichlorodifluoromethane	24.7	23.8		ug/m3		96	70 - 131
Ethylbenzene	21.7	20.1		ug/m3		93	70 - 130
1,1,2-Trichlorotrifluoroethane	38.3	41.1		ug/m3		107	70 - 130
1,2-Dichlorotetrafluoroethane	35.0	37.0		ug/m3		106	70 - 130
n-Heptane	20.5	18.9		ug/m3		92	70 - 130
Hexachlorobutadiene	53.3	53.1		ug/m3		100	40 - 157
n-Hexane	17.6	15.0		ug/m3		85	61 - 130
2,2,4-Trimethylpentane	23.4	20.9		ug/m3		90	70 - 130
Cumene	24.6	24.6		ug/m3		100	70 - 137
Isopropyl alcohol	12.3	9.51	J	ug/m3		77	62 - 135
m,p-Xylene	21.7	23.0		ug/m3		106	70 - 130
Methyl methacrylate	20.5	18.3		ug/m3		89	70 - 130
Methyl tert-butyl ether	18.0	17.6		ug/m3		98	70 - 130
Methylene Chloride	17.4	16.9		ug/m3		97	70 - 130
Naphthalene	30.4	24.1		ug/m3		79	22 - 139
o-Xylene	21.7	20.6		ug/m3		95	70 - 130
Styrene	21.3	20.5		ug/m3		96	70 - 133
tert-Butyl alcohol	16.8	16.1		ug/m3		96	50 - 130
Tetrachloroethene	33.9	31.8		ug/m3		94	70 - 140
Tetrahydrofuran	14.7	11.6	J	ug/m3		78	54 - 143
Toluene	18.8	16.9		ug/m3		90	70 - 130
trans-1,2-Dichloroethene	19.8	16.9		ug/m3		85	70 - 130
trans-1,3-Dichloropropene	22.7	22.3		ug/m3		98	70 - 130
Trichloroethene	26.9	24.9		ug/m3		93	70 - 130
Trichlorofluoromethane	28.1	28.9		ug/m3		103	70 - 130
Vinyl chloride	12.8	12.9		ug/m3		101	70 - 135
N-Propylbenzene	24.6	24.2		ug/m3		99	70 - 130
n-Butylbenzene	27.4	24.3		ug/m3		88	57 - 143
sec-Butylbenzene	27.4	26.3		ug/m3		96	66 - 141
tert-Butylbenzene	27.4	27.3		ug/m3		100	63 - 130
4-Isopropyltoluene	27.4	26.4		ug/m3		96	60 - 148
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	5.0	4.87		ppb v/v		97	70 - 130
1,1,2,2-Tetrachloroethane	5.0	4.28		ppb v/v		86	61 - 130
1,1,2-Trichloroethane	5.0	4.68		ppb v/v		94	70 - 130
1,1-Dichloroethane	5.0	4.50		ppb v/v		90	70 - 130

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-709592/4

Matrix: Air

Analysis Batch: 709592

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	5.0	4.91		ppb v/v		98	70 - 131
1,2,4-Trichlorobenzene	5.0	5.03		ppb v/v		101	52 - 143
1,2,4-Trimethylbenzene	5.0	4.79		ppb v/v		96	65 - 146
1,2-Dibromoethane	5.0	4.67		ppb v/v		93	70 - 130
1,2-Dichlorobenzene	5.0	4.73		ppb v/v		95	61 - 139
1,2-Dichloroethane	5.0	4.57		ppb v/v		91	70 - 131
1,2-Dichloropropane	5.0	4.29		ppb v/v		86	70 - 130
1,3,5-Trimethylbenzene	5.0	5.22		ppb v/v		104	69 - 141
1,3-Butadiene	5.0	4.30		ppb v/v		86	70 - 131
1,3-Dichlorobenzene	5.0	4.70		ppb v/v		94	64 - 140
1,4-Dichlorobenzene	5.0	4.73		ppb v/v		95	64 - 137
1,4-Dioxane	5.0	5.13		ppb v/v		103	70 - 130
Methyl Ethyl Ketone (2-Butanone)	5.0	4.69		ppb v/v		94	70 - 130
2-Chlorotoluene	5.0	4.82		ppb v/v		96	70 - 130
3-Chloropropene	5.0	4.15		ppb v/v		83	70 - 137
4-Ethyltoluene	5.0	5.03		ppb v/v		101	69 - 139
4-Methyl-2-pentanone (Methyl isobutyl ketone)	5.0	4.43		ppb v/v		89	68 - 133
Methyl Butyl Ketone (2-Hexanone)	5.0	4.36		ppb v/v		87	57 - 141
Acetone	5.0	4.24	J	ppb v/v		85	70 - 137
Benzene	5.0	4.46		ppb v/v		89	70 - 130
Bromodichloromethane	5.0	4.42		ppb v/v		88	70 - 130
Bromoethene(Vinyl Bromide)	5.0	4.63		ppb v/v		93	70 - 130
Bromoform	5.0	5.11		ppb v/v		102	60 - 139
Bromomethane	5.0	5.09		ppb v/v		102	70 - 140
Carbon disulfide	5.0	3.97		ppb v/v		79	70 - 130
Carbon tetrachloride	5.0	5.35		ppb v/v		107	70 - 130
Chlorobenzene	5.0	4.42		ppb v/v		88	70 - 130
Chlorodifluoromethane	5.0	5.11		ppb v/v		102	70 - 132
Chloroethane	5.0	4.55		ppb v/v		91	70 - 131
Benzyl chloride	5.0	4.65		ppb v/v		93	57 - 142
Chloroform	5.0	4.63		ppb v/v		93	70 - 130
Chloromethane	5.0	4.66		ppb v/v		93	64 - 138
cis-1,2-Dichloroethene	5.0	4.34		ppb v/v		87	70 - 130
cis-1,3-Dichloropropene	5.0	4.34		ppb v/v		87	70 - 130
Cyclohexane	5.0	4.51		ppb v/v		90	61 - 130
Dibromochloromethane	5.0	4.87		ppb v/v		97	70 - 130
Dichlorodifluoromethane	5.0	4.82		ppb v/v		96	70 - 131
Ethylbenzene	5.0	4.64		ppb v/v		93	70 - 130
1,1,2-Trichlorotrifluoroethane	5.0	5.36		ppb v/v		107	70 - 130
1,2-Dichlorotetrafluoroethane	5.0	5.29		ppb v/v		106	70 - 130
n-Heptane	5.0	4.62		ppb v/v		92	70 - 130
Hexachlorobutadiene	5.0	4.98		ppb v/v		100	40 - 157
n-Hexane	5.0	4.25		ppb v/v		85	61 - 130
2,2,4-Trimethylpentane	5.0	4.48		ppb v/v		90	70 - 130
Cumene	5.0	5.01		ppb v/v		100	70 - 137

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-709592/4

Matrix: Air

Analysis Batch: 709592

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isopropyl alcohol	5.0	3.87	J	ppb v/v		77	62 - 135
m,p-Xylene	5.0	5.29		ppb v/v		106	70 - 130
Methyl methacrylate	5.0	4.46		ppb v/v		89	70 - 130
Methyl tert-butyl ether	5.0	4.88		ppb v/v		98	70 - 130
Methylene Chloride	5.0	4.86		ppb v/v		97	70 - 130
Naphthalene	5.8	4.60		ppb v/v		79	22 - 139
o-Xylene	5.0	4.75		ppb v/v		95	70 - 130
Styrene	5.0	4.81		ppb v/v		96	70 - 133
tert-Butyl alcohol	5.6	5.32		ppb v/v		96	50 - 130
Tetrachloroethene	5.0	4.69		ppb v/v		94	70 - 140
Tetrahydrofuran	5.0	3.92	J	ppb v/v		78	54 - 143
Toluene	5.0	4.49		ppb v/v		90	70 - 130
trans-1,2-Dichloroethene	5.0	4.26		ppb v/v		85	70 - 130
trans-1,3-Dichloropropene	5.0	4.90		ppb v/v		98	70 - 130
Trichloroethene	5.0	4.64		ppb v/v		93	70 - 130
Trichlorofluoromethane	5.0	5.15		ppb v/v		103	70 - 130
Vinyl chloride	5.0	5.05		ppb v/v		101	70 - 135
N-Propylbenzene	5.0	4.93		ppb v/v		99	70 - 130
n-Butylbenzene	5.0	4.42		ppb v/v		88	57 - 143
sec-Butylbenzene	5.0	4.79		ppb v/v		96	66 - 141
tert-Butylbenzene	5.0	4.98		ppb v/v		100	63 - 130
4-Isopropyltoluene	5.0	4.80		ppb v/v		96	60 - 148

Lab Sample ID: LCS 410-709592/5

Matrix: Air

Analysis Batch: 709592

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
n-Butane	11.9	9.45		ug/m3		80	70 - 130
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
n-Butane	5.0	3.98		ppb v/v		80	70 - 130

Lab Sample ID: 460-336011-A-7 DU

Matrix: Air

Analysis Batch: 709592

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	J	0.824	J	ug/m3		23	25
1,1,2,2-Tetrachloroethane	1.4	U	1.4	U	ug/m3		NC	25
1,1,2-Trichloroethane	1.1	U	1.1	U	ug/m3		NC	25
1,1-Dichloroethane	0.81	U	0.81	U	ug/m3		NC	25
1,1-Dichloroethene	0.20	U	0.20	U	ug/m3		NC	25
1,2,4-Trichlorobenzene	3.7	U	3.7	U	ug/m3		NC	25
1,2,4-Trimethylbenzene	21		19.3		ug/m3		6	25
1,2-Dibromoethane	1.5	U	1.5	U	ug/m3		NC	25
1,2-Dichlorobenzene	1.2	U	1.2	U	ug/m3		NC	25
1,2-Dichloroethane	0.81	U	0.81	U	ug/m3		NC	25

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: 460-336011-A-7 DU
Matrix: Air
Analysis Batch: 709592

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,2-Dichloropropane	0.92	U	0.92	U	ug/m3		NC	25
1,3,5-Trimethylbenzene	5.7		5.30		ug/m3		7	25
1,3-Butadiene	0.22	J	0.198	J	ug/m3		12	25
1,3-Dichlorobenzene	1.2	U	1.2	U	ug/m3		NC	25
1,4-Dichlorobenzene	1.2	U	1.2	U	ug/m3		NC	25
1,4-Dioxane	6.6	J	7.24	J	ug/m3		9	25
Methyl Ethyl Ketone (2-Butanone)	7.3		7.39		ug/m3		1	25
2-Chlorotoluene	1.0	U	1.0	U	ug/m3		NC	25
3-Chloropropene	1.6	U	1.6	U	ug/m3		NC	25
4-Ethyltoluene	0.98	U	0.98	U	ug/m3		NC	25
4-Methyl-2-pentanone (Methyl isobutyl ketone)	7.3		7.34		ug/m3		0.3	25
Methyl Butyl Ketone (2-Hexanone)	22		9.28	F3	ug/m3		80	25
Acetone	96		90.4		ug/m3		6	25
Benzene	2.1		2.03		ug/m3		4	25
Bromodichloromethane	1.3	U	1.3	U	ug/m3		NC	25
Bromoethene(Vinyl Bromide)	0.88	U	0.88	U	ug/m3		NC	25
Bromoform	2.1	U	2.1	U	ug/m3		NC	25
Bromomethane	0.78	U	0.78	U	ug/m3		NC	25
Carbon disulfide	7.4		7.12		ug/m3		4	25
Carbon tetrachloride	2.3		2.20		ug/m3		5	25
Chlorobenzene	0.92	U	0.92	U	ug/m3		NC	25
Chlorodifluoromethane	1.8	U	1.8	U	ug/m3		NC	25
Chloroethane	1.3	U	1.3	U	ug/m3		NC	25
Benzyl chloride	1.0	U	1.0	U	ug/m3		NC	25
Chloroform	6.8		6.03		ug/m3		12	25
Chloromethane	0.38	J	1.0	U	ug/m3		NC	25
cis-1,2-Dichloroethene	0.20	U	0.20	U	ug/m3		NC	25
cis-1,3-Dichloropropene	0.91	U	0.91	U	ug/m3		NC	25
Cyclohexane	4.9		4.56		ug/m3		8	25
Dibromochloromethane	1.7	U	1.7	U	ug/m3		NC	25
Dichlorodifluoromethane	2.9		2.89		ug/m3		2	25
Ethylbenzene	8.3		8.04		ug/m3		3	25
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	U	ug/m3		NC	25
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	U	ug/m3		NC	25
n-Heptane	6.4		5.91		ug/m3		7	25
Hexachlorobutadiene	2.1	U	2.1	U	ug/m3		NC	25
n-Hexane	4.3		3.87		ug/m3		11	25
2,2,4-Trimethylpentane	4.6		4.53		ug/m3		1	25
Cumene	0.98	U	0.98	U	ug/m3		NC	25
Isopropyl alcohol	8.2	J	9.54	J	ug/m3		16	25
m,p-Xylene	35		34.4		ug/m3		1	25
Methyl methacrylate	2.1	U	2.1	U	ug/m3		NC	25
Methyl tert-butyl ether	0.72	U	0.72	U	ug/m3		NC	25
Methylene Chloride	1.7	U	1.7	U	ug/m3		NC	25
Naphthalene	2.9		2.71		ug/m3		5	25

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: 460-336011-A-7 DU

Matrix: Air

Analysis Batch: 709592

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
o-Xylene	16		15.1		ug/m3		3	25
Styrene	16		15.5		ug/m3		2	25
tert-Butyl alcohol	28		30.7		ug/m3		9	25
Tetrachloroethene	32		30.8		ug/m3		5	25
Tetrahydrofuran	15 U		15 U		ug/m3		NC	25
Toluene	90		89.4		ug/m3		0.4	25
trans-1,2-Dichloroethene	0.79 U		0.79 U		ug/m3		NC	25
trans-1,3-Dichloropropene	0.91 U		0.91 U		ug/m3		NC	25
Trichloroethene	0.52		0.20 U		ug/m3		NC	25
Trichlorofluoromethane	2.4		2.35		ug/m3		3	25
Vinyl chloride	0.20 U		0.20 U		ug/m3		NC	25
N-Propylbenzene	0.98 U		0.98 U		ug/m3		NC	25
n-Butylbenzene	1.1 U		1.1 U		ug/m3		NC	25
sec-Butylbenzene	1.1 U		1.1 U		ug/m3		NC	25
tert-Butylbenzene	1.1 U		1.1 U		ug/m3		NC	25
4-Isopropyltoluene	1.1 U		1.1 U		ug/m3		NC	25
n-Butane	7.4		6.67		ug/m3		10	25
Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1,1-Trichloroethane	1.0 J		0.151 J		ppb v/v		23	25
1,1,2,2-Tetrachloroethane	1.4 U		0.20 U		ppb v/v		NC	25
1,1,2-Trichloroethane	1.1 U		0.20 U		ppb v/v		NC	25
1,1-Dichloroethane	0.81 U		0.20 U		ppb v/v		NC	25
1,1-Dichloroethene	0.20 U		0.050 U		ppb v/v		NC	25
1,2,4-Trichlorobenzene	3.7 U		0.50 U		ppb v/v		NC	25
1,2,4-Trimethylbenzene	21		3.93		ppb v/v		6	25
1,2-Dibromoethane	1.5 U		0.20 U		ppb v/v		NC	25
1,2-Dichlorobenzene	1.2 U		0.20 U		ppb v/v		NC	25
1,2-Dichloroethane	0.81 U		0.20 U		ppb v/v		NC	25
1,2-Dichloropropane	0.92 U		0.20 U		ppb v/v		NC	25
1,3,5-Trimethylbenzene	5.7		1.08		ppb v/v		7	25
1,3-Butadiene	0.22 J		0.0893 J		ppb v/v		12	25
1,3-Dichlorobenzene	1.2 U		0.20 U		ppb v/v		NC	25
1,4-Dichlorobenzene	1.2 U		0.20 U		ppb v/v		NC	25
1,4-Dioxane	6.6 J		2.01 J		ppb v/v		9	25
Methyl Ethyl Ketone (2-Butanone)	7.3		2.51		ppb v/v		1	25
2-Chlorotoluene	1.0 U		0.20 U		ppb v/v		NC	25
3-Chloropropene	1.6 U		0.50 U		ppb v/v		NC	25
4-Ethyltoluene	0.98 U		0.20 U		ppb v/v		NC	25
4-Methyl-2-pentanone (Methyl isobutyl ketone)	7.3		1.79		ppb v/v		0.3	25
Methyl Butyl Ketone (2-Hexanone)	22		2.26 F3		ppb v/v		80	25
Acetone	96		38.0		ppb v/v		6	25
Benzene	2.1		0.636		ppb v/v		4	25
Bromodichloromethane	1.3 U		0.20 U		ppb v/v		NC	25
Bromoethene(Vinyl Bromide)	0.88 U		0.20 U		ppb v/v		NC	25

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: 460-336011-A-7 DU

Matrix: Air

Analysis Batch: 709592

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Bromoform	2.1	U	0.20	U	ppb v/v		NC	25
Bromomethane	0.78	U	0.20	U	ppb v/v		NC	25
Carbon disulfide	7.4		2.29		ppb v/v		4	25
Carbon tetrachloride	2.3		0.350		ppb v/v		5	25
Chlorobenzene	0.92	U	0.20	U	ppb v/v		NC	25
Chlorodifluoromethane	1.8	U	0.50	U	ppb v/v		NC	25
Chloroethane	1.3	U	0.50	U	ppb v/v		NC	25
Benzyl chloride	1.0	U	0.20	U	ppb v/v		NC	25
Chloroform	6.8		1.23		ppb v/v		12	25
Chloromethane	0.38	J	0.50	U	ppb v/v		NC	25
cis-1,2-Dichloroethene	0.20	U	0.050	U	ppb v/v		NC	25
cis-1,3-Dichloropropene	0.91	U	0.20	U	ppb v/v		NC	25
Cyclohexane	4.9		1.32		ppb v/v		8	25
Dibromochloromethane	1.7	U	0.20	U	ppb v/v		NC	25
Dichlorodifluoromethane	2.9		0.585		ppb v/v		2	25
Ethylbenzene	8.3		1.85		ppb v/v		3	25
1,1,2-Trichlorotrifluoroethane	1.5	U	0.20	U	ppb v/v		NC	25
1,2-Dichlorotetrafluoroethane	1.4	U	0.20	U	ppb v/v		NC	25
n-Heptane	6.4		1.44		ppb v/v		7	25
Hexachlorobutadiene	2.1	U	0.20	U	ppb v/v		NC	25
n-Hexane	4.3		1.10		ppb v/v		11	25
2,2,4-Trimethylpentane	4.6		0.969		ppb v/v		1	25
Cumene	0.98	U	0.20	U	ppb v/v		NC	25
Isopropyl alcohol	8.2	J	3.88	J	ppb v/v		16	25
m,p-Xylene	35		7.92		ppb v/v		1	25
Methyl methacrylate	2.1	U	0.50	U	ppb v/v		NC	25
Methyl tert-butyl ether	0.72	U	0.20	U	ppb v/v		NC	25
Methylene Chloride	1.7	U	0.50	U	ppb v/v		NC	25
Naphthalene	2.9		0.516		ppb v/v		5	25
o-Xylene	16		3.48		ppb v/v		3	25
Styrene	16		3.64		ppb v/v		2	25
tert-Butyl alcohol	28		10.1		ppb v/v		9	25
Tetrachloroethene	32		4.54		ppb v/v		5	25
Tetrahydrofuran	15	U	5.0	U	ppb v/v		NC	25
Toluene	90		23.7		ppb v/v		0.4	25
trans-1,2-Dichloroethene	0.79	U	0.20	U	ppb v/v		NC	25
trans-1,3-Dichloropropene	0.91	U	0.20	U	ppb v/v		NC	25
Trichloroethene	0.52		0.037	U	ppb v/v		NC	25
Trichlorofluoromethane	2.4		0.418		ppb v/v		3	25
Vinyl chloride	0.20	U	0.078	U	ppb v/v		NC	25
N-Propylbenzene	0.98	U	0.20	U	ppb v/v		NC	25
n-Butylbenzene	1.1	U	0.20	U	ppb v/v		NC	25
sec-Butylbenzene	1.1	U	0.20	U	ppb v/v		NC	25
tert-Butylbenzene	1.1	U	0.20	U	ppb v/v		NC	25
4-Isopropyltoluene	1.1	U	0.20	U	ppb v/v		NC	25
n-Butane	7.4		2.81		ppb v/v		10	25

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-710205/7

Matrix: Air

Analysis Batch: 710205

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			10/07/25 16:09	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			10/07/25 16:09	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			10/07/25 16:09	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			10/07/25 16:09	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			10/07/25 16:09	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			10/07/25 16:09	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			10/07/25 16:09	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			10/07/25 16:09	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			10/07/25 16:09	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			10/07/25 16:09	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			10/07/25 16:09	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			10/07/25 16:09	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			10/07/25 16:09	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			10/07/25 16:09	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			10/07/25 16:09	1
1,4-Dioxane	18	U	18	0.17	ug/m3			10/07/25 16:09	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.5	ug/m3			10/07/25 16:09	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			10/07/25 16:09	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			10/07/25 16:09	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			10/07/25 16:09	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	0.53	ug/m3			10/07/25 16:09	1
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			10/07/25 16:09	1
Acetone	12	U	12	3.8	ug/m3			10/07/25 16:09	1
Benzene	0.64	U	0.64	0.14	ug/m3			10/07/25 16:09	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			10/07/25 16:09	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			10/07/25 16:09	1
Bromoform	2.1	U	2.1	1.2	ug/m3			10/07/25 16:09	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			10/07/25 16:09	1
Carbon disulfide	1.6	U	1.6	0.41	ug/m3			10/07/25 16:09	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			10/07/25 16:09	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			10/07/25 16:09	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			10/07/25 16:09	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			10/07/25 16:09	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			10/07/25 16:09	1
Chloroform	0.98	U	0.98	0.20	ug/m3			10/07/25 16:09	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			10/07/25 16:09	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			10/07/25 16:09	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			10/07/25 16:09	1
Cyclohexane	0.69	U	0.69	0.11	ug/m3			10/07/25 16:09	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			10/07/25 16:09	1
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			10/07/25 16:09	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			10/07/25 16:09	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			10/07/25 16:09	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			10/07/25 16:09	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			10/07/25 16:09	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			10/07/25 16:09	1

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-710205/7

Matrix: Air

Analysis Batch: 710205

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Hexane	1.8	U	1.8	0.39	ug/m3			10/07/25 16:09	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			10/07/25 16:09	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			10/07/25 16:09	1
Cumene	0.98	U	0.98	0.20	ug/m3			10/07/25 16:09	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			10/07/25 16:09	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			10/07/25 16:09	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			10/07/25 16:09	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			10/07/25 16:09	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			10/07/25 16:09	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			10/07/25 16:09	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			10/07/25 16:09	1
Styrene	0.85	U	0.85	0.25	ug/m3			10/07/25 16:09	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			10/07/25 16:09	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			10/07/25 16:09	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			10/07/25 16:09	1
Toluene	0.75	U	0.75	0.16	ug/m3			10/07/25 16:09	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			10/07/25 16:09	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			10/07/25 16:09	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			10/07/25 16:09	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			10/07/25 16:09	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			10/07/25 16:09	1
N-Propylbenzene	0.98	U	0.98	0.23	ug/m3			10/07/25 16:09	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			10/07/25 16:09	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			10/07/25 16:09	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			10/07/25 16:09	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			10/07/25 16:09	1
n-Butane	1.2	U	1.2	0.48	ug/m3			10/07/25 16:09	1
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			10/07/25 16:09	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			10/07/25 16:09	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			10/07/25 16:09	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			10/07/25 16:09	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			10/07/25 16:09	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.051	ppb v/v			10/07/25 16:09	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			10/07/25 16:09	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			10/07/25 16:09	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			10/07/25 16:09	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			10/07/25 16:09	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			10/07/25 16:09	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			10/07/25 16:09	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			10/07/25 16:09	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			10/07/25 16:09	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			10/07/25 16:09	1
1,4-Dioxane	5.0	U	5.0	0.047	ppb v/v			10/07/25 16:09	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			10/07/25 16:09	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			10/07/25 16:09	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-710205/7

Matrix: Air

Analysis Batch: 710205

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			10/07/25 16:09	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			10/07/25 16:09	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			10/07/25 16:09	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			10/07/25 16:09	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			10/07/25 16:09	1
Acetone	5.0	U	5.0	1.6	ppb v/v			10/07/25 16:09	1
Benzene	0.20	U	0.20	0.044	ppb v/v			10/07/25 16:09	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			10/07/25 16:09	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			10/07/25 16:09	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			10/07/25 16:09	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			10/07/25 16:09	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			10/07/25 16:09	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			10/07/25 16:09	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			10/07/25 16:09	1
Chlorodifluoromethane	0.50	U	0.50	0.12	ppb v/v			10/07/25 16:09	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			10/07/25 16:09	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			10/07/25 16:09	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			10/07/25 16:09	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			10/07/25 16:09	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			10/07/25 16:09	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			10/07/25 16:09	1
Cyclohexane	0.20	U	0.20	0.032	ppb v/v			10/07/25 16:09	1
Dibromochloromethane	0.20	U	0.20	0.015	ppb v/v			10/07/25 16:09	1
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			10/07/25 16:09	1
Ethylbenzene	0.20	U	0.20	0.052	ppb v/v			10/07/25 16:09	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			10/07/25 16:09	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			10/07/25 16:09	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			10/07/25 16:09	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			10/07/25 16:09	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			10/07/25 16:09	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			10/07/25 16:09	1
Cumene	0.20	U	0.20	0.041	ppb v/v			10/07/25 16:09	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			10/07/25 16:09	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			10/07/25 16:09	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			10/07/25 16:09	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			10/07/25 16:09	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			10/07/25 16:09	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			10/07/25 16:09	1
o-Xylene	0.20	U	0.20	0.052	ppb v/v			10/07/25 16:09	1
Styrene	0.20	U	0.20	0.059	ppb v/v			10/07/25 16:09	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			10/07/25 16:09	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			10/07/25 16:09	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			10/07/25 16:09	1
Toluene	0.20	U	0.20	0.042	ppb v/v			10/07/25 16:09	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			10/07/25 16:09	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			10/07/25 16:09	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			10/07/25 16:09	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-710205/7
Matrix: Air
Analysis Batch: 710205

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			10/07/25 16:09	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			10/07/25 16:09	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			10/07/25 16:09	1
N-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			10/07/25 16:09	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			10/07/25 16:09	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			10/07/25 16:09	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			10/07/25 16:09	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			10/07/25 16:09	1
n-Butane	0.50	U	0.50	0.20	ppb v/v			10/07/25 16:09	1

Lab Sample ID: LCS 410-710205/4
Matrix: Air
Analysis Batch: 710205

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	27.3	27.4		ug/m3		101	70 - 130
1,1,2,2-Tetrachloroethane	34.3	29.7		ug/m3		87	61 - 130
1,1,2-Trichloroethane	27.3	26.3		ug/m3		96	70 - 130
1,1-Dichloroethane	20.2	18.8		ug/m3		93	70 - 130
1,1-Dichloroethene	19.8	21.0		ug/m3		106	70 - 131
1,2,4-Trichlorobenzene	37.1	40.9		ug/m3		110	52 - 143
1,2,4-Trimethylbenzene	24.6	24.5		ug/m3		100	65 - 146
1,2-Dibromoethane	38.4	37.2		ug/m3		97	70 - 130
1,2-Dichlorobenzene	30.1	29.3		ug/m3		97	61 - 139
1,2-Dichloroethane	20.2	17.9		ug/m3		89	70 - 131
1,2-Dichloropropane	23.1	20.1		ug/m3		87	70 - 130
1,3,5-Trimethylbenzene	24.6	27.1		ug/m3		110	69 - 141
1,3-Butadiene	11.1	11.0		ug/m3		100	70 - 131
1,3-Dichlorobenzene	30.1	29.2		ug/m3		97	64 - 140
1,4-Dichlorobenzene	30.1	29.4		ug/m3		98	64 - 137
1,4-Dioxane	18.0	19.8		ug/m3		110	70 - 130
Methyl Ethyl Ketone (2-Butanone)	14.7	15.2		ug/m3		103	70 - 130
2-Chlorotoluene	25.9	25.9		ug/m3		100	70 - 130
3-Chloropropene	15.7	13.9		ug/m3		89	70 - 137
4-Ethyltoluene	24.6	25.2		ug/m3		103	69 - 139
4-Methyl-2-pentanone (Methyl isobutyl ketone)	20.5	19.2		ug/m3		94	68 - 133
Methyl Butyl Ketone (2-Hexanone)	20.5	19.4		ug/m3		95	57 - 141
Acetone	11.9	10.8	J	ug/m3		91	70 - 137
Benzene	16.0	14.9		ug/m3		93	70 - 130
Bromodichloromethane	33.5	29.4		ug/m3		88	70 - 130
Bromoethene(Vinyl Bromide)	21.9	21.8		ug/m3		100	70 - 130
Bromoform	51.7	53.1		ug/m3		103	60 - 139
Bromomethane	19.4	20.6		ug/m3		106	70 - 140
Carbon disulfide	15.6	13.0		ug/m3		84	70 - 130
Carbon tetrachloride	31.5	33.9		ug/m3		108	70 - 130

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-710205/4

Matrix: Air

Analysis Batch: 710205

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	23.0	21.2		ug/m3		92	70 - 130
Chlorodifluoromethane	17.7	15.1		ug/m3		85	70 - 132
Chloroethane	13.2	12.8		ug/m3		97	70 - 131
Benzyl chloride	25.9	25.5		ug/m3		99	57 - 142
Chloroform	24.4	22.9		ug/m3		94	70 - 130
Chloromethane	10.3	7.58		ug/m3		73	64 - 138
cis-1,2-Dichloroethene	19.8	18.2		ug/m3		92	70 - 130
cis-1,3-Dichloropropene	22.7	21.2		ug/m3		93	70 - 130
Cyclohexane	17.2	17.1		ug/m3		99	61 - 130
Dibromochloromethane	42.6	41.0		ug/m3		96	70 - 130
Dichlorodifluoromethane	24.7	22.0		ug/m3		89	70 - 131
Ethylbenzene	21.7	21.4		ug/m3		98	70 - 130
1,1,2-Trichlorotrifluoroethane	38.3	42.7		ug/m3		112	70 - 130
1,2-Dichlorotetrafluoroethane	35.0	35.4		ug/m3		101	70 - 130
n-Heptane	20.5	20.5		ug/m3		100	70 - 130
Hexachlorobutadiene	53.3	54.4		ug/m3		102	40 - 157
n-Hexane	17.6	16.0		ug/m3		91	61 - 130
2,2,4-Trimethylpentane	23.4	22.5		ug/m3		96	70 - 130
Cumene	24.6	26.3		ug/m3		107	70 - 137
Isopropyl alcohol	12.3	10.5	J	ug/m3		85	62 - 135
m,p-Xylene	21.7	24.4		ug/m3		112	70 - 130
Methyl methacrylate	20.5	20.0		ug/m3		98	70 - 130
Methyl tert-butyl ether	18.0	19.4		ug/m3		108	70 - 130
Methylene Chloride	17.4	18.2		ug/m3		105	70 - 130
Naphthalene	30.4	27.1		ug/m3		89	22 - 139
o-Xylene	21.7	22.0		ug/m3		102	70 - 130
Styrene	21.3	21.5		ug/m3		101	70 - 133
tert-Butyl alcohol	16.8	18.5		ug/m3		110	50 - 130
Tetrachloroethene	33.9	33.1		ug/m3		97	70 - 140
Tetrahydrofuran	14.7	12.8	J	ug/m3		87	54 - 143
Toluene	18.8	18.3		ug/m3		97	70 - 130
trans-1,2-Dichloroethene	19.8	17.8		ug/m3		90	70 - 130
trans-1,3-Dichloropropene	22.7	22.6		ug/m3		100	70 - 130
Trichloroethene	26.9	26.3		ug/m3		98	70 - 130
Trichlorofluoromethane	28.1	28.6		ug/m3		102	70 - 130
Vinyl chloride	12.8	13.0		ug/m3		101	70 - 135
N-Propylbenzene	24.6	25.6		ug/m3		104	70 - 130
n-Butylbenzene	27.4	26.0		ug/m3		95	57 - 143
sec-Butylbenzene	27.4	27.9		ug/m3		101	66 - 141
tert-Butylbenzene	27.4	31.0		ug/m3		113	63 - 130
4-Isopropyltoluene	27.4	27.6		ug/m3		101	60 - 148
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	5.0	5.03		ppb v/v		101	70 - 130
1,1,2,2-Tetrachloroethane	5.0	4.33		ppb v/v		87	61 - 130
1,1,2-Trichloroethane	5.0	4.82		ppb v/v		96	70 - 130
1,1-Dichloroethane	5.0	4.66		ppb v/v		93	70 - 130

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-710205/4

Matrix: Air

Analysis Batch: 710205

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	5.0	5.28		ppb v/v		106	70 - 131
1,2,4-Trichlorobenzene	5.0	5.51		ppb v/v		110	52 - 143
1,2,4-Trimethylbenzene	5.0	4.98		ppb v/v		100	65 - 146
1,2-Dibromoethane	5.0	4.84		ppb v/v		97	70 - 130
1,2-Dichlorobenzene	5.0	4.87		ppb v/v		97	61 - 139
1,2-Dichloroethane	5.0	4.43		ppb v/v		89	70 - 131
1,2-Dichloropropane	5.0	4.35		ppb v/v		87	70 - 130
1,3,5-Trimethylbenzene	5.0	5.52		ppb v/v		110	69 - 141
1,3-Butadiene	5.0	4.98		ppb v/v		100	70 - 131
1,3-Dichlorobenzene	5.0	4.85		ppb v/v		97	64 - 140
1,4-Dichlorobenzene	5.0	4.88		ppb v/v		98	64 - 137
1,4-Dioxane	5.0	5.49		ppb v/v		110	70 - 130
Methyl Ethyl Ketone (2-Butanone)	5.0	5.14		ppb v/v		103	70 - 130
2-Chlorotoluene	5.0	5.00		ppb v/v		100	70 - 130
3-Chloropropene	5.0	4.45		ppb v/v		89	70 - 137
4-Ethyltoluene	5.0	5.13		ppb v/v		103	69 - 139
4-Methyl-2-pentanone (Methyl isobutyl ketone)	5.0	4.69		ppb v/v		94	68 - 133
Methyl Butyl Ketone (2-Hexanone)	5.0	4.73		ppb v/v		95	57 - 141
Acetone	5.0	4.53	J	ppb v/v		91	70 - 137
Benzene	5.0	4.65		ppb v/v		93	70 - 130
Bromodichloromethane	5.0	4.39		ppb v/v		88	70 - 130
Bromoethene(Vinyl Bromide)	5.0	4.99		ppb v/v		100	70 - 130
Bromoform	5.0	5.14		ppb v/v		103	60 - 139
Bromomethane	5.0	5.30		ppb v/v		106	70 - 140
Carbon disulfide	5.0	4.18		ppb v/v		84	70 - 130
Carbon tetrachloride	5.0	5.39		ppb v/v		108	70 - 130
Chlorobenzene	5.0	4.61		ppb v/v		92	70 - 130
Chlorodifluoromethane	5.0	4.27		ppb v/v		85	70 - 132
Chloroethane	5.0	4.83		ppb v/v		97	70 - 131
Benzyl chloride	5.0	4.93		ppb v/v		99	57 - 142
Chloroform	5.0	4.68		ppb v/v		94	70 - 130
Chloromethane	5.0	3.67		ppb v/v		73	64 - 138
cis-1,2-Dichloroethene	5.0	4.60		ppb v/v		92	70 - 130
cis-1,3-Dichloropropene	5.0	4.66		ppb v/v		93	70 - 130
Cyclohexane	5.0	4.97		ppb v/v		99	61 - 130
Dibromochloromethane	5.0	4.81		ppb v/v		96	70 - 130
Dichlorodifluoromethane	5.0	4.45		ppb v/v		89	70 - 131
Ethylbenzene	5.0	4.92		ppb v/v		98	70 - 130
1,1,2-Trichlorotrifluoroethane	5.0	5.58		ppb v/v		112	70 - 130
1,2-Dichlorotetrafluoroethane	5.0	5.06		ppb v/v		101	70 - 130
n-Heptane	5.0	5.00		ppb v/v		100	70 - 130
Hexachlorobutadiene	5.0	5.10		ppb v/v		102	40 - 157
n-Hexane	5.0	4.55		ppb v/v		91	61 - 130
2,2,4-Trimethylpentane	5.0	4.81		ppb v/v		96	70 - 130
Cumene	5.0	5.36		ppb v/v		107	70 - 137

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-710205/4

Matrix: Air

Analysis Batch: 710205

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isopropyl alcohol	5.0	4.26	J	ppb v/v		85	62 - 135
m,p-Xylene	5.0	5.62		ppb v/v		112	70 - 130
Methyl methacrylate	5.0	4.88		ppb v/v		98	70 - 130
Methyl tert-butyl ether	5.0	5.39		ppb v/v		108	70 - 130
Methylene Chloride	5.0	5.23		ppb v/v		105	70 - 130
Naphthalene	5.8	5.17		ppb v/v		89	22 - 139
o-Xylene	5.0	5.08		ppb v/v		102	70 - 130
Styrene	5.0	5.06		ppb v/v		101	70 - 133
tert-Butyl alcohol	5.6	6.09		ppb v/v		110	50 - 130
Tetrachloroethene	5.0	4.87		ppb v/v		97	70 - 140
Tetrahydrofuran	5.0	4.33	J	ppb v/v		87	54 - 143
Toluene	5.0	4.84		ppb v/v		97	70 - 130
trans-1,2-Dichloroethene	5.0	4.49		ppb v/v		90	70 - 130
trans-1,3-Dichloropropene	5.0	4.98		ppb v/v		100	70 - 130
Trichloroethene	5.0	4.89		ppb v/v		98	70 - 130
Trichlorofluoromethane	5.0	5.08		ppb v/v		102	70 - 130
Vinyl chloride	5.0	5.07		ppb v/v		101	70 - 135
N-Propylbenzene	5.0	5.20		ppb v/v		104	70 - 130
n-Butylbenzene	5.0	4.74		ppb v/v		95	57 - 143
sec-Butylbenzene	5.0	5.07		ppb v/v		101	66 - 141
tert-Butylbenzene	5.0	5.66		ppb v/v		113	63 - 130
4-Isopropyltoluene	5.0	5.03		ppb v/v		101	60 - 148

Lab Sample ID: LCS 410-710205/5

Matrix: Air

Analysis Batch: 710205

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
n-Butane	11.9	9.97		ug/m3		84	70 - 130
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
n-Butane	5.0	4.19		ppb v/v		84	70 - 130

Lab Sample ID: 410-243767-A-1 DU

Matrix: Air

Analysis Batch: 710205

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1,1-Trichloroethane	1.1	U	1.1	U	ug/m3		NC	25
1,1,2,2-Tetrachloroethane	1.4	U	1.4	U	ug/m3		NC	25
1,1,2-Trichloroethane	1.1	U	1.1	U	ug/m3		NC	25
1,1-Dichloroethane	0.81	U	0.81	U	ug/m3		NC	25
1,1-Dichloroethene	0.20	U	0.20	U	ug/m3		NC	25
1,2,4-Trichlorobenzene	3.7	U	3.7	U	ug/m3		NC	25
1,2,4-Trimethylbenzene	0.83	J	0.721	J	ug/m3		14	25
1,2-Dibromoethane	1.5	U	1.5	U	ug/m3		NC	25
1,2-Dichlorobenzene	1.2	U	1.2	U	ug/m3		NC	25
1,2-Dichloroethane	0.81	U	0.81	U	ug/m3		NC	25

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: 410-243767-A-1 DU
Matrix: Air
Analysis Batch: 710205

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,2-Dichloropropane	0.92	U	0.92	U	ug/m3		NC	25
1,3,5-Trimethylbenzene	1.0		0.942	J	ug/m3		7	25
1,3-Butadiene	0.44	U	0.44	U	ug/m3		NC	25
1,3-Dichlorobenzene	1.2	U	1.2	U	ug/m3		NC	25
1,4-Dichlorobenzene	1.2	U	1.2	U	ug/m3		NC	25
1,4-Dioxane	18	U	18	U	ug/m3		NC	25
Methyl Ethyl Ketone (2-Butanone)	1.8		1.75		ug/m3		2	25
2-Chlorotoluene	1.0	U	1.0	U	ug/m3		NC	25
3-Chloropropene	1.6	U	1.6	U	ug/m3		NC	25
4-Ethyltoluene	0.98	U	0.98	U	ug/m3		NC	25
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	U	ug/m3		NC	25
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	U	ug/m3		NC	25
Acetone	13		13.4		ug/m3		0.1	25
Benzene	1.1		1.05		ug/m3		8	25
Bromodichloromethane	1.3	U	1.3	U	ug/m3		NC	25
Bromoethene(Vinyl Bromide)	0.88	U	0.88	U	ug/m3		NC	25
Bromoform	2.1	U	2.1	U	ug/m3		NC	25
Bromomethane	0.78	U	0.78	U	ug/m3		NC	25
Carbon disulfide	0.90	J	0.965	J	ug/m3		7	25
Carbon tetrachloride	0.47		0.502		ug/m3		7	25
Chlorobenzene	0.92	U	0.92	U	ug/m3		NC	25
Chlorodifluoromethane	0.79	J	0.845	J	ug/m3		7	25
Chloroethane	1.3	U	1.3	U	ug/m3		NC	25
Benzyl chloride	1.0	U	1.0	U	ug/m3		NC	25
Chloroform	0.98	U	0.98	U	ug/m3		NC	25
Chloromethane	1.1		0.841	J F5	ug/m3		30	25
cis-1,2-Dichloroethene	0.20	U	0.20	U	ug/m3		NC	25
cis-1,3-Dichloropropene	0.91	U	0.91	U	ug/m3		NC	25
Cyclohexane	8.5		8.11		ug/m3		4	25
Dibromochloromethane	1.7	U	1.7	U	ug/m3		NC	25
Dichlorodifluoromethane	2.2	J	2.21	J	ug/m3		1	25
Ethylbenzene	1.1		1.01		ug/m3		7	25
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	U	ug/m3		NC	25
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	U	ug/m3		NC	25
n-Heptane	8.0		7.80		ug/m3		2	25
Hexachlorobutadiene	2.1	U	2.1	U	ug/m3		NC	25
n-Hexane	13		13.2		ug/m3		2	25
2,2,4-Trimethylpentane	8.6		8.40		ug/m3		3	25
Cumene	0.98	U	0.98	U	ug/m3		NC	25
Isopropyl alcohol	18		16.0		ug/m3		10	25
m,p-Xylene	2.5		2.35		ug/m3		6	25
Methyl methacrylate	2.1	U	2.1	U	ug/m3		NC	25
Methyl tert-butyl ether	0.72	U	0.72	U	ug/m3		NC	25
Methylene Chloride	1.7	U	1.7	U	ug/m3		NC	25
Naphthalene	2.0	U	2.0	U	ug/m3		NC	25

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: 410-243767-A-1 DU

Matrix: Air

Analysis Batch: 710205

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
o-Xylene	0.66	J	0.588	J	ug/m3		12	25
Styrene	0.85	U	0.85	U	ug/m3		NC	25
tert-Butyl alcohol	15	U	15	U	ug/m3		NC	25
Tetrachloroethene	1.4	U	1.4	U	ug/m3		NC	25
Tetrahydrofuran	15	U	15	U	ug/m3		NC	25
Toluene	0.96		0.921		ug/m3		4	25
trans-1,2-Dichloroethene	0.79	U	0.79	U	ug/m3		NC	25
trans-1,3-Dichloropropene	0.91	U	0.91	U	ug/m3		NC	25
Trichloroethene	1.8		1.84		ug/m3		5	25
Trichlorofluoromethane	1.2		1.17		ug/m3		2	25
Vinyl chloride	0.20	U	0.20	U	ug/m3		NC	25
N-Propylbenzene	0.98	U	0.98	U	ug/m3		NC	25
n-Butylbenzene	1.1	U	1.1	U	ug/m3		NC	25
sec-Butylbenzene	1.2		1.1	U	ug/m3		NC	25
tert-Butylbenzene	1.1	U	1.1	U	ug/m3		NC	25
4-Isopropyltoluene	1.1	U	1.1	U	ug/m3		NC	25
n-Butane	3.2		2.17	F5	ug/m3		38	25
Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1,1-Trichloroethane	1.1	U	0.20	U	ppb v/v		NC	25
1,1,2,2-Tetrachloroethane	1.4	U	0.20	U	ppb v/v		NC	25
1,1,2-Trichloroethane	1.1	U	0.20	U	ppb v/v		NC	25
1,1-Dichloroethane	0.81	U	0.20	U	ppb v/v		NC	25
1,1-Dichloroethene	0.20	U	0.050	U	ppb v/v		NC	25
1,2,4-Trichlorobenzene	3.7	U	0.50	U	ppb v/v		NC	25
1,2,4-Trimethylbenzene	0.83	J	0.147	J	ppb v/v		14	25
1,2-Dibromoethane	1.5	U	0.20	U	ppb v/v		NC	25
1,2-Dichlorobenzene	1.2	U	0.20	U	ppb v/v		NC	25
1,2-Dichloroethane	0.81	U	0.20	U	ppb v/v		NC	25
1,2-Dichloropropane	0.92	U	0.20	U	ppb v/v		NC	25
1,3,5-Trimethylbenzene	1.0		0.192	J	ppb v/v		7	25
1,3-Butadiene	0.44	U	0.20	U	ppb v/v		NC	25
1,3-Dichlorobenzene	1.2	U	0.20	U	ppb v/v		NC	25
1,4-Dichlorobenzene	1.2	U	0.20	U	ppb v/v		NC	25
1,4-Dioxane	18	U	5.0	U	ppb v/v		NC	25
Methyl Ethyl Ketone (2-Butanone)	1.8		0.593		ppb v/v		2	25
2-Chlorotoluene	1.0	U	0.20	U	ppb v/v		NC	25
3-Chloropropene	1.6	U	0.50	U	ppb v/v		NC	25
4-Ethyltoluene	0.98	U	0.20	U	ppb v/v		NC	25
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	0.50	U	ppb v/v		NC	25
Methyl Butyl Ketone (2-Hexanone)	2.1	U	0.50	U	ppb v/v		NC	25
Acetone	13		5.65		ppb v/v		0.1	25
Benzene	1.1		0.329		ppb v/v		8	25
Bromodichloromethane	1.3	U	0.20	U	ppb v/v		NC	25
Bromoethene(Vinyl Bromide)	0.88	U	0.20	U	ppb v/v		NC	25

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: 410-243767-A-1 DU

Matrix: Air

Analysis Batch: 710205

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Bromoform	2.1	U	0.20	U	ppb v/v		NC	25
Bromomethane	0.78	U	0.20	U	ppb v/v		NC	25
Carbon disulfide	0.90	J	0.310	J	ppb v/v		7	25
Carbon tetrachloride	0.47		0.0798		ppb v/v		7	25
Chlorobenzene	0.92	U	0.20	U	ppb v/v		NC	25
Chlorodifluoromethane	0.79	J	0.239	J	ppb v/v		7	25
Chloroethane	1.3	U	0.50	U	ppb v/v		NC	25
Benzyl chloride	1.0	U	0.20	U	ppb v/v		NC	25
Chloroform	0.98	U	0.20	U	ppb v/v		NC	25
Chloromethane	1.1		0.407	J F5	ppb v/v		30	25
cis-1,2-Dichloroethene	0.20	U	0.050	U	ppb v/v		NC	25
cis-1,3-Dichloropropene	0.91	U	0.20	U	ppb v/v		NC	25
Cyclohexane	8.5		2.36		ppb v/v		4	25
Dibromochloromethane	1.7	U	0.20	U	ppb v/v		NC	25
Dichlorodifluoromethane	2.2	J	0.447	J	ppb v/v		1	25
Ethylbenzene	1.1		0.233		ppb v/v		7	25
1,1,2-Trichlorotrifluoroethane	1.5	U	0.20	U	ppb v/v		NC	25
1,2-Dichlorotetrafluoroethane	1.4	U	0.20	U	ppb v/v		NC	25
n-Heptane	8.0		1.90		ppb v/v		2	25
Hexachlorobutadiene	2.1	U	0.20	U	ppb v/v		NC	25
n-Hexane	13		3.75		ppb v/v		2	25
2,2,4-Trimethylpentane	8.6		1.80		ppb v/v		3	25
Cumene	0.98	U	0.20	U	ppb v/v		NC	25
Isopropyl alcohol	18		6.50		ppb v/v		10	25
m,p-Xylene	2.5		0.542		ppb v/v		6	25
Methyl methacrylate	2.1	U	0.50	U	ppb v/v		NC	25
Methyl tert-butyl ether	0.72	U	0.20	U	ppb v/v		NC	25
Methylene Chloride	1.7	U	0.50	U	ppb v/v		NC	25
Naphthalene	2.0	U	0.38	U	ppb v/v		NC	25
o-Xylene	0.66	J	0.135	J	ppb v/v		12	25
Styrene	0.85	U	0.20	U	ppb v/v		NC	25
tert-Butyl alcohol	15	U	5.0	U	ppb v/v		NC	25
Tetrachloroethene	1.4	U	0.20	U	ppb v/v		NC	25
Tetrahydrofuran	15	U	5.0	U	ppb v/v		NC	25
Toluene	0.96		0.244		ppb v/v		4	25
trans-1,2-Dichloroethene	0.79	U	0.20	U	ppb v/v		NC	25
trans-1,3-Dichloropropene	0.91	U	0.20	U	ppb v/v		NC	25
Trichloroethene	1.8		0.342		ppb v/v		5	25
Trichlorofluoromethane	1.2		0.209		ppb v/v		2	25
Vinyl chloride	0.20	U	0.078	U	ppb v/v		NC	25
N-Propylbenzene	0.98	U	0.20	U	ppb v/v		NC	25
n-Butylbenzene	1.1	U	0.20	U	ppb v/v		NC	25
sec-Butylbenzene	1.2		0.20	U	ppb v/v		NC	25
tert-Butylbenzene	1.1	U	0.20	U	ppb v/v		NC	25
4-Isopropyltoluene	1.1	U	0.20	U	ppb v/v		NC	25
n-Butane	3.2		0.914	F5	ppb v/v		38	25

QC Association Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Air - GC/MS VOA

Analysis Batch: 709300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336014-1	SV-01_20250929	Total/NA	Air	TO 15 LL	
MB 410-709300/7	Method Blank	Total/NA	Air	TO 15 LL	
LCS 410-709300/4	Lab Control Sample	Total/NA	Air	TO 15 LL	
LCS 410-709300/5	Lab Control Sample	Total/NA	Air	TO 15 LL	
410-245119-A-1 DU	Duplicate	Total/NA	Air	TO 15 LL	

Analysis Batch: 709592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336014-2	AA-01_20250929	Total/NA	Air	TO 15 LL	
460-336049-1	SV-03_20250930	Total/NA	Air	TO 15 LL	
460-336049-2	SV-04_20250930	Total/NA	Air	TO 15 LL	
MB 410-709592/7	Method Blank	Total/NA	Air	TO 15 LL	
LCS 410-709592/4	Lab Control Sample	Total/NA	Air	TO 15 LL	
LCS 410-709592/5	Lab Control Sample	Total/NA	Air	TO 15 LL	
460-336011-A-7 DU	Duplicate	Total/NA	Air	TO 15 LL	

Analysis Batch: 710205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336049-2 - DL	SV-04_20250930	Total/NA	Air	TO 15 LL	
MB 410-710205/7	Method Blank	Total/NA	Air	TO 15 LL	
LCS 410-710205/4	Lab Control Sample	Total/NA	Air	TO 15 LL	
LCS 410-710205/5	Lab Control Sample	Total/NA	Air	TO 15 LL	
410-243767-A-1 DU	Duplicate	Total/NA	Air	TO 15 LL	

Lab Chronicle

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Client Sample ID: SV-01_20250929

Lab Sample ID: 460-336014-1

Date Collected: 09/29/25 12:30

Matrix: Air

Date Received: 09/29/25 19:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	709300	D7UM	ELLE	10/06/25 06:23

Client Sample ID: AA-01_20250929

Lab Sample ID: 460-336014-2

Date Collected: 09/29/25 12:40

Matrix: Air

Date Received: 09/29/25 19:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	709592	D7UM	ELLE	10/06/25 21:01

Client Sample ID: SV-03_20250930

Lab Sample ID: 460-336049-1

Date Collected: 09/30/25 12:52

Matrix: Air

Date Received: 09/30/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	709592	D7UM	ELLE	10/07/25 11:10

Client Sample ID: SV-04_20250930

Lab Sample ID: 460-336049-2

Date Collected: 09/30/25 15:18

Matrix: Air

Date Received: 09/30/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	709592	D7UM	ELLE	10/07/25 11:46
Total/NA	Analysis	TO 15 LL	DL	4	710205	D7UM	ELLE	10/07/25 17:03

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26
The following analytes are included in this report, but the laboratory is not certified by New York NELAP 10670. This list may include analytes for which the agency does not offer certification:			
Analysis Method	Prep Method	Matrix	Analyte
TO 15 LL		Air	4-Ethyltoluene
TO 15 LL		Air	4-Isopropyltoluene
TO 15 LL		Air	Chlorodifluoromethane
TO 15 LL		Air	Methyl Butyl Ketone (2-Hexanone)
TO 15 LL		Air	n-Butane
TO 15 LL		Air	n-Butylbenzene
TO 15 LL		Air	N-Propylbenzene
TO 15 LL		Air	sec-Butylbenzene
TO 15 LL		Air	tert-Butylbenzene
TO 15 LL		Air	Tetrahydrofuran

Method Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Method	Method Description	Protocol	Laboratory
TO 15 LL	Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336014-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-336014-1	SV-01_20250929	Air	09/29/25 12:30	09/29/25 19:45	Air Canister (6-Liter) #1628
460-336014-2	AA-01_20250929	Air	09/29/25 12:40	09/29/25 19:45	Air Canister (6-Liter) #1228
460-336049-1	SV-03_20250930	Air	09/30/25 12:52	09/30/25 19:20	
460-336049-2	SV-04_20250930	Air	09/30/25 15:18	09/30/25 19:20	

Quantitation Limit Exceptions Summary

Client: AKRF Inc

Job ID: 460-336014-1

Project/Site: 23-56 Broadway, Astoria, Queens, NY

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
TO 15 LL	1,1,2-Trichlorotrifluoroethane	Air	Total/NA	ug/m3	1.5	1.53
TO 15 LL	1,2,4-Trichlorobenzene	Air	Total/NA	ug/m3	3.7	3.71
TO 15 LL	1,2,4-Trimethylbenzene	Air	Total/NA	ug/m3	0.98	0.983
TO 15 LL	1,2-Dibromoethane	Air	Total/NA	ug/m3	1.5	1.54
TO 15 LL	1,2-Dichloropropane	Air	Total/NA	ug/m3	0.92	0.924
TO 15 LL	1,3,5-Trimethylbenzene	Air	Total/NA	ug/m3	0.98	0.983
TO 15 LL	1,3-Butadiene	Air	Total/NA	ug/m3	0.44	0.442
TO 15 LL	2,2,4-Trimethylpentane	Air	Total/NA	ug/m3	0.93	0.934
TO 15 LL	2-Chlorotoluene	Air	Total/NA	ug/m3	1.0	1.04
TO 15 LL	4-Ethyltoluene	Air	Total/NA	ug/m3	0.98	0.983
TO 15 LL	Benzyl chloride	Air	Total/NA	ug/m3	1.0	1.04
TO 15 LL	Bromodichloromethane	Air	Total/NA	ug/m3	1.3	1.34
TO 15 LL	Chlorobenzene	Air	Total/NA	ug/m3	0.92	0.921
TO 15 LL	Chloroethane	Air	Total/NA	ug/m3	1.3	1.32
TO 15 LL	Chloromethane	Air	Total/NA	ug/m3	1.0	1.03
TO 15 LL	Cumene	Air	Total/NA	ug/m3	0.98	0.983
TO 15 LL	Hexachlorobutadiene	Air	Total/NA	ug/m3	2.1	2.13
TO 15 LL	Isopropyl alcohol	Air	Total/NA	ug/m3	12	12.3
TO 15 LL	Methyl tert-butyl ether	Air	Total/NA	ug/m3	0.72	0.721
TO 15 LL	Methylene Chloride	Air	Total/NA	ug/m3	1.7	1.74
TO 15 LL	N-Propylbenzene	Air	Total/NA	ug/m3	0.98	0.983
TO 15 LL	Styrene	Air	Total/NA	ug/m3	0.85	0.852
TO 15 LL	tert-Butyl alcohol	Air	Total/NA	ug/m3	15	15.2
TO 15 LL	Toluene	Air	Total/NA	ug/m3	0.75	0.754
TO 15 LL	trans-1,2-Dichloroethene	Air	Total/NA	ug/m3	0.79	0.793
TO 15 LL	Trichlorofluoromethane	Air	Total/NA	ug/m3	1.1	1.12

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.: _____

Instrument ID: HP8R004

Analysis Batch Number: 695447

Lab Sample ID: IC 410-695447/3

Client Sample ID: _____

Date Analyzed: 09/07/25 22:59

Lab File ID: 7S07X03.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	3.78	Split Peak	D7UM	09/10/25 09:24
n-Butane	4.02	Baseline	D7UM	09/10/25 11:08
1,3-Butadiene	4.11	Other	UKEK	09/11/25 07:29
Acetone	6.41	Split Peak	D7UM	09/10/25 09:24
Isopropyl alcohol	6.61	Split Peak	D7UM	09/10/25 09:24
3-Chloropropene	6.99	Split Peak	D7UM	09/10/25 09:25
tert-Butyl alcohol	7.29	Baseline	D7UM	09/10/25 09:25
1,4-Dioxane		Invalid Compound ID	D7UM	09/10/25 10:02
Bromomethane		Split Peak	JXC9	09/09/25 13:59
Chloroethane		Split Peak	JXC9	09/09/25 13:59
Methyl methacrylate		Invalid Compound ID	D7UM	09/10/25 09:26
Tetrahydrofuran		Invalid Compound ID	D7UM	09/10/25 09:26
Carbon tetrachloride	10.32	Baseline	D7UM	09/10/25 09:26
Benzene	10.60	Split Peak	D7UM	09/10/25 09:26
4-Methyl-2-pentanone (Methyl isobutyl ketone)	12.87	Split Peak	D7UM	09/10/25 10:01
Methyl Butyl Ketone (2-Hexanone)	13.73	Split Peak	D7UM	09/10/25 09:27
m,p-Xylene	14.67	Peak assignment corrected	D7UM	09/10/25 09:27
4-Ethyltoluene	15.67	Split Peak	D7UM	09/10/25 09:28
1,3,5-Trimethylbenzene	15.70	Split Peak	D7UM	09/10/25 09:28
4-Isopropyltoluene	16.21	Split Peak	D7UM	09/10/25 09:28

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.: _____

Instrument ID: HP8R004

Analysis Batch Number: 695447

Lab Sample ID: IC 410-695447/4

Client Sample ID: _____

Date Analyzed: 09/07/25 23:25

Lab File ID: 7S07X04.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	3.76	Split Peak	JXC9	09/09/25 13:47
n-Butane	4.01	Baseline	D7UM	09/10/25 11:08
Chloroethane	4.91	Split Peak	D7UM	09/10/25 09:30
Acetone	6.39	Split Peak	JXC9	09/09/25 13:51
Isopropyl alcohol	6.61	Split Peak	D7UM	09/10/25 09:31
3-Chloropropene	6.98	Other	UKEK	09/11/25 07:33
Tetrahydrofuran	9.65	Split Peak	JXC9	09/09/25 13:53
Methyl Ethyl Ketone (2-Butanone)		Invalid Compound ID	D7UM	09/10/25 09:31
Carbon tetrachloride	10.31	Baseline	JXC9	09/09/25 13:54
4-Methyl-2-pentanone (Methyl isobutyl ketone)	12.87	Split Peak	D7UM	09/10/25 10:02
Toluene	13.13	Split Peak	JXC9	09/09/25 13:55
Methyl Butyl Ketone (2-Hexanone)	13.73	Split Peak	D7UM	09/10/25 09:33
4-Ethyltoluene	15.67	Split Peak	JXC9	09/09/25 13:56
1,3,5-Trimethylbenzene	15.70	Split Peak	JXC9	09/09/25 13:56
tert-Butylbenzene	15.95	Split Peak	D7UM	09/10/25 09:33
sec-Butylbenzene	16.11	Split Peak	JXC9	09/09/25 13:56
4-Isopropyltoluene	16.21	Split Peak	D7UM	09/10/25 09:33

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.: _____

Instrument ID: HP8R004

Analysis Batch Number: 695447

Lab Sample ID: IC 410-695447/5

Client Sample ID: _____

Date Analyzed: 09/07/25 23:52

Lab File ID: 7S07X05.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	4.01	Baseline	D7UM	09/10/25 11:07
Chloroethane	4.91	Baseline	D7UM	09/10/25 09:34
Isopropyl alcohol	6.60	Split Peak	JXC9	09/09/25 13:51
Tetrahydrofuran	9.64	Split Peak	D7UM	09/10/25 09:35
1,2-Dichloropropane	11.93	Split Peak	JXC9	09/09/25 13:41
Methyl methacrylate	11.95	Split Peak	JXC9	09/09/25 13:41
4-Methyl-2-pentanone (Methyl isobutyl ketone)	12.87	Split Peak	D7UM	09/10/25 10:02
Methyl Butyl Ketone (2-Hexanone)	13.73	Split Peak	D7UM	09/10/25 09:36
1,1,2,2-Tetrachloroethane	15.48	Split Peak	D7UM	09/10/25 09:36
4-Ethyltoluene	15.66	Split Peak	JXC9	09/09/25 13:42
1,3,5-Trimethylbenzene	15.70	Split Peak	JXC9	09/09/25 13:42
tert-Butylbenzene	15.95	Split Peak	D7UM	09/10/25 09:36

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
 Testing, LLC

SDG No.: _____

Instrument ID: HP8R004

Analysis Batch Number: 695447

Lab Sample ID: IC 410-695447/6

Client Sample ID: _____

Date Analyzed: 09/08/25 00:19

Lab File ID: 7S07X06.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chlorodifluoromethane	3.41	Split Peak	JXC9	09/09/25 13:27
n-Butane	4.01	Baseline	D7UM	09/10/25 11:07
Chloroethane	4.91	Split Peak	D7UM	09/10/25 09:39
tert-Butyl alcohol	7.30	Split Peak	JXC9	09/09/25 13:28
Methyl methacrylate	11.94	Split Peak	JXC9	09/09/25 13:31
Toluene	13.13	Split Peak	JXC9	09/09/25 13:31
trans-1,3-Dichloropropene	13.34	Split Peak	D7UM	09/10/25 09:39
1,1,2-Trichloroethane	13.55	Split Peak	JXC9	09/09/25 13:30
Methyl Butyl Ketone (2-Hexanone)	13.73	Split Peak	D7UM	09/10/25 09:39
1,1,2,2-Tetrachloroethane	15.48	Split Peak	JXC9	09/09/25 13:30
4-Ethyltoluene	15.66	Split Peak	JXC9	09/09/25 13:30
1,3,5-Trimethylbenzene	15.70	Split Peak	JXC9	09/09/25 13:31
tert-Butylbenzene	15.94	Split Peak	D7UM	09/10/25 09:40

Lab Sample ID: IC 410-695447/7

Client Sample ID: _____

Date Analyzed: 09/08/25 00:45

Lab File ID: 7S07X07.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	4.01	Baseline	D7UM	09/10/25 11:05
4-Methyl-2-pentanone (Methyl isobutyl ketone)	12.87	Split Peak	D7UM	09/10/25 10:03
1,1,2-Trichloroethane	13.55	Split Peak	JXC9	09/09/25 13:23
1,1,2,2-Tetrachloroethane	15.48	Split Peak	JXC9	09/09/25 13:24
4-Ethyltoluene	15.66	Split Peak	JXC9	09/09/25 13:24
1,3,5-Trimethylbenzene	15.70	Split Peak	JXC9	09/09/25 13:24
tert-Butylbenzene	15.95	Split Peak	D7UM	09/10/25 09:23
Benzyl chloride	16.37	Split Peak	JXC9	09/09/25 13:24

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-336014-1

SDG No.:

Instrument ID: HP8R004

Analysis Batch Number: 695447

Lab Sample ID: ICISAV 410-695447/8

Client Sample ID:

Date Analyzed: 09/08/25 01:12

Lab File ID: 7S07X08.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	3.38	Peak assignment corrected	D7UM	09/08/25 13:55
Chlorodifluoromethane	3.41	Peak assignment corrected	D7UM	09/08/25 13:56
1,2-Dichlorotetrafluoroethane	3.64	Peak assignment corrected	D7UM	09/08/25 13:56
Chloromethane	3.77	Peak assignment corrected	D7UM	09/08/25 13:56
n-Butane	4.01	Baseline	D7UM	09/10/25 11:05
Vinyl chloride	4.01	Peak assignment corrected	D7UM	09/08/25 13:56
1,3-Butadiene	4.09	Peak assignment corrected	D7UM	09/08/25 13:59
Bromomethane	4.69	Peak assignment corrected	D7UM	09/08/25 13:59
Chloroethane	4.91	Peak assignment corrected	D7UM	09/08/25 13:59
Bromoethene (Vinyl Bromide)	5.27	Peak assignment corrected	D7UM	09/08/25 14:44
Trichlorofluoromethane	5.40	Peak assignment corrected	D7UM	09/08/25 14:45
1,1-Dichloroethene	6.35	Peak assignment corrected	D7UM	09/08/25 14:48
1,1,2-Trichlorotrifluoroethane	6.37	Peak assignment corrected	UKEK	09/11/25 07:56
Acetone	6.38	Peak assignment corrected	D7UM	09/08/25 14:48
Isopropyl alcohol	6.59	Split Peak	D7UM	09/10/25 09:20
Carbon disulfide	6.76	Peak assignment corrected	D7UM	09/08/25 15:00
3-Chloropropene	6.97	Peak assignment corrected	D7UM	09/08/25 14:49
Methylene Chloride	7.19	Peak assignment corrected	D7UM	09/08/25 15:01
tert-Butyl alcohol	7.29	Peak assignment corrected	D7UM	09/08/25 14:49
Methyl tert-butyl ether	7.63	Peak assignment corrected	D7UM	09/08/25 15:01
trans-1,2-Dichloroethene	7.66	Peak assignment corrected	D7UM	09/08/25 15:01
n-Hexane	8.11	Peak assignment corrected	D7UM	09/08/25 14:50
1,1-Dichloroethane	8.35	Peak assignment corrected	D7UM	09/08/25 15:02
Methyl Ethyl Ketone (2-Butanone)	9.18	Peak assignment corrected	D7UM	09/08/25 15:02
cis-1,2-Dichloroethene	9.24	Peak assignment corrected	D7UM	09/08/25 15:03
Tetrahydrofuran	9.64	Peak assignment corrected	D7UM	09/08/25 14:51
Chloroform	9.75	Peak assignment corrected	D7UM	09/08/25 14:52
1,1,1-Trichloroethane	10.05	Peak assignment corrected	D7UM	09/08/25 15:03
Cyclohexane	10.19	Peak assignment corrected	D7UM	09/08/25 14:52

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
 Testing, LLC

SDG No.: _____

Instrument ID: HP8R004

Analysis Batch Number: 695447

Lab Sample ID: ICISAV 410-695447/8

Client Sample ID: _____

Date Analyzed: 09/08/25 01:12

Lab File ID: 7S07X08.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon tetrachloride	10.30	Peak assignment corrected	D7UM	09/08/25 15:04
Benzene	10.59	Peak assignment corrected	D7UM	09/08/25 15:04
1,2-Dichloroethane	10.65	Peak assignment corrected	D7UM	09/08/25 14:53
2,2,4-Trimethylpentane	10.78	Peak assignment corrected	D7UM	09/08/25 14:53
n-Heptane	11.02	Peak assignment corrected	D7UM	09/08/25 14:54
1,4-Difluorobenzene	11.21	Peak assignment corrected	D7UM	09/08/25 15:04
Trichloroethene	11.59	Peak assignment corrected	D7UM	09/08/25 15:05
1,2-Dichloropropane	11.93	Peak assignment corrected	D7UM	09/08/25 14:55
Methyl methacrylate	11.94	Peak assignment corrected	D7UM	09/08/25 15:05
1,4-Dioxane	11.99	Split Peak	D7UM	09/10/25 10:03
Bromodichloromethane	12.24	Peak assignment corrected	D7UM	09/08/25 15:06
cis-1,3-Dichloropropene	12.75	Peak assignment corrected	D7UM	09/08/25 15:07
4-Methyl-2-pentanone (Methyl isobutyl ketone)	12.87	Split Peak	D7UM	09/10/25 10:04
Toluene	13.13	Peak assignment corrected	D7UM	09/08/25 15:07
trans-1,3-Dichloropropene	13.34	Split Peak	D7UM	09/10/25 09:20
1,1,2-Trichloroethane	13.55	Peak assignment corrected	D7UM	09/08/25 15:08
Tetrachloroethene	13.66	Peak assignment corrected	D7UM	09/08/25 15:08
Methyl Butyl Ketone (2-Hexanone)	13.72	Peak assignment corrected	D7UM	09/08/25 14:56
Dibromochloromethane	13.93	Peak assignment corrected	D7UM	09/08/25 14:56
1,2-Dibromoethane	14.06	Peak assignment corrected	D7UM	09/08/25 15:08
Chlorobenzene	14.49	Peak assignment corrected	D7UM	09/08/25 15:08
Ethylbenzene	14.56	Peak assignment corrected	D7UM	09/08/25 15:09
m,p-Xylene	14.67	Peak assignment corrected	D7UM	09/08/25 15:09
o-Xylene	14.99	Peak assignment corrected	D7UM	09/08/25 15:10
Styrene	15.00	Peak assignment corrected	D7UM	09/08/25 15:10
Bromoform	15.17	Peak assignment corrected	D7UM	09/08/25 15:10
Cumene	15.27	Peak assignment corrected	D7UM	09/08/25 15:10
1,1,2,2-Tetrachloroethane	15.48	Split Peak	D7UM	09/10/25 09:20

TO 15 LL

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.: _____

Instrument ID: HP8R004

Analysis Batch Number: 695447

Lab Sample ID: ICISAV 410-695447/8

Client Sample ID: _____

Date Analyzed: 09/08/25 01:12

Lab File ID: 7S07X08.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
N-Propylbenzene	15.58	Peak assignment corrected	D7UM	09/08/25 14:58
4-Ethyltoluene	15.66	Split Peak	D7UM	09/08/25 15:12
2-Chlorotoluene	15.67	Peak assignment corrected	D7UM	09/08/25 15:12
1,3,5-Trimethylbenzene	15.70	Split Peak	D7UM	09/08/25 15:13
tert-Butylbenzene	15.94	Split Peak	D7UM	09/10/25 09:21
1,2,4-Trimethylbenzene	15.98	Peak assignment corrected	D7UM	09/08/25 15:13
sec-Butylbenzene	16.11	Peak assignment corrected	D7UM	09/08/25 15:13
4-Isopropyltoluene	16.21	Peak assignment corrected	D7UM	09/08/25 15:14
1,3-Dichlorobenzene	16.23	Peak assignment corrected	D7UM	09/08/25 15:13
1,4-Dichlorobenzene	16.30	Peak assignment corrected	D7UM	09/08/25 15:14
Benzyl chloride	16.37	Peak assignment corrected	D7UM	09/08/25 15:14
n-Butylbenzene	16.51	Peak assignment corrected	D7UM	09/08/25 15:14
1,2-Dichlorobenzene	16.58	Peak assignment corrected	D7UM	09/08/25 15:14
1,2,4-Trichlorobenzene	17.88	Peak assignment corrected	D7UM	09/08/25 15:15
Hexachlorobutadiene	17.97	Peak assignment corrected	D7UM	09/08/25 15:15
Naphthalene	18.15	Peak assignment corrected	D7UM	09/08/25 14:59

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
 Testing, LLC

SDG No.: _____

Instrument ID: HP8R004

Analysis Batch Number: 695447

Lab Sample ID: IC 410-695447/9

Client Sample ID: _____

Date Analyzed: 09/08/25 01:42

Lab File ID: 7S07X09.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	4.01	Baseline	D7UM	09/10/25 11:09
4-Methyl-2-pentanone (Methyl isobutyl ketone)	12.87	Split Peak	D7UM	09/10/25 10:04
trans-1,3-Dichloropropene	13.34	Split Peak	D7UM	09/10/25 09:19
1,1,2,2-Tetrachloroethane	15.48	Split Peak	JXC9	09/09/25 19:35
4-Ethyltoluene	15.66	Split Peak	JXC9	09/09/25 19:35
1,3,5-Trimethylbenzene	15.70	Split Peak	JXC9	09/09/25 19:35
tert-Butylbenzene	15.95	Split Peak	D7UM	09/10/25 09:18

Lab Sample ID: IC 410-695447/10

Client Sample ID: _____

Date Analyzed: 09/08/25 02:10

Lab File ID: 7S07X10.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	4.01	Peak assignment corrected	D7UM	09/10/25 11:09
1,4-Dioxane	11.99	Split Peak	D7UM	09/10/25 10:04
4-Methyl-2-pentanone (Methyl isobutyl ketone)	12.87	Split Peak	D7UM	09/10/25 10:04
1,1,2,2-Tetrachloroethane	15.48	Split Peak	JXC9	09/09/25 19:39
4-Ethyltoluene	15.66	Split Peak	JXC9	09/09/25 19:40
1,3,5-Trimethylbenzene	15.70	Split Peak	JXC9	09/09/25 19:40
tert-Butylbenzene	15.94	Split Peak	D7UM	09/10/25 09:17

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.: _____

Instrument ID: HP8R004

Analysis Batch Number: 695447

Lab Sample ID: IC 410-695447/11

Client Sample ID: _____

Date Analyzed: 09/08/25 02:41

Lab File ID: 7S07X11.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	4.01	Peak assignment corrected	D7UM	09/10/25 11:09
1,4-Dioxane	11.99	Split Peak	D7UM	09/10/25 10:05
4-Methyl-2-pentanone (Methyl isobutyl ketone)	12.87	Split Peak	D7UM	09/10/25 10:05
1,1,2,2-Tetrachloroethane	15.48	Split Peak	JXC9	09/09/25 19:41
4-Ethyltoluene	15.66	Split Peak	JXC9	09/09/25 19:41
1,3,5-Trimethylbenzene	15.70	Split Peak	JXC9	09/09/25 19:41
tert-Butylbenzene	15.95	Split Peak	D7UM	09/10/25 09:16

Lab Sample ID: ICV 410-695447/17

Client Sample ID: _____

Date Analyzed: 09/08/25 05:37

Lab File ID: 7S07X17.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2,2-Tetrachloroethane	15.48	Split Peak	D7UM	09/10/25 11:15
4-Ethyltoluene	15.66	Split Peak	JXC9	09/09/25 19:45
1,3,5-Trimethylbenzene	15.70	Split Peak	JXC9	09/09/25 19:46
tert-Butylbenzene	15.94	Split Peak	D7UM	09/10/25 11:15

Lab Sample ID: ICV 410-695447/18

Client Sample ID: _____

Date Analyzed: 09/08/25 06:05

Lab File ID: 7S07X18.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	4.02	Baseline	D7UM	09/10/25 11:10

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.: _____

Instrument ID: HP8R004

Analysis Batch Number: 709300

Lab Sample ID: CCVIS 410-709300/3

Client Sample ID: _____

Date Analyzed: 10/05/25 15:22

Lab File ID: 7005X02.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2,2-Tetrachloroethane	15.49	Split Peak	JXC9	10/05/25 15:46
4-Ethyltoluene	15.67	Split Peak	JXC9	10/05/25 15:46
1,3,5-Trimethylbenzene	15.70	Split Peak	JXC9	10/05/25 15:47

Lab Sample ID: LCS 410-709300/4

Client Sample ID: _____

Date Analyzed: 10/05/25 16:12

Lab File ID: 7005X03.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
tert-Butyl alcohol	7.29	Split Peak	D7UM	10/06/25 08:53
1,1,2,2-Tetrachloroethane	15.48	Split Peak	D7UM	10/06/25 08:54
4-Ethyltoluene	15.66	Split Peak	JXC9	10/05/25 17:00
1,3,5-Trimethylbenzene	15.70	Split Peak	JXC9	10/05/25 17:00
tert-Butylbenzene	15.95	Split Peak	D7UM	10/06/25 08:54

Lab Sample ID: LCS 410-709300/5

Client Sample ID: _____

Date Analyzed: 10/05/25 16:40

Lab File ID: 7005X04.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	4.02	Baseline	D7UM	10/06/25 08:55

Lab Sample ID: MB 410-709300/7

Client Sample ID: _____

Date Analyzed: 10/05/25 17:40

Lab File ID: 7005X06.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroethane		Invalid Compound ID	JXC9	10/05/25 18:14

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.: _____

Instrument ID: HP8R004

Analysis Batch Number: 709300

Lab Sample ID: 410-245119-A-1 DU

Client Sample ID: _____

Date Analyzed: 10/05/25 19:12

Lab File ID: 7005X08.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	4.02	Baseline	D7UM	10/06/25 08:59
1,1,2-Trichlorotrifluoroethane		Invalid Compound ID	D7UM	10/06/25 08:58
Chloroethane		Invalid Compound ID	D7UM	10/06/25 08:59
Methyl methacrylate		Invalid Compound ID	D7UM	10/06/25 08:58
N-Propylbenzene		Invalid Compound ID	D7UM	10/06/25 08:57
Carbon tetrachloride	10.31	Baseline	D7UM	10/06/25 08:58

Lab Sample ID: 460-336014-1

Client Sample ID: SV-01_20250929

Date Analyzed: 10/06/25 06:23

Lab File ID: 7005X29.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrahydrofuran	9.65	Split Peak	D7UM	10/06/25 08:11
1,1,2-Trichloroethane		Invalid Compound ID	D7UM	10/06/25 08:11
1,1,2-Trichlorotrifluoroethane		Invalid Compound ID	D7UM	10/06/25 08:10
4-Ethyltoluene		Invalid Compound ID	D7UM	10/06/25 08:12
Chloroethane		Invalid Compound ID	D7UM	10/06/25 08:10
cis-1,2-Dichloroethene		Invalid Compound ID	D7UM	10/06/25 08:11
Methyl methacrylate		Invalid Compound ID	D7UM	10/06/25 08:11
trans-1,3-Dichloropropene		Invalid Compound ID	D7UM	10/06/25 08:11
Carbon tetrachloride	10.31	Baseline	D7UM	10/06/25 08:11
Cumene	15.27	Split Peak	D7UM	10/06/25 08:12

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-336014-1

SDG No.:

Instrument ID: HP8R004

Analysis Batch Number: 709592

Lab Sample ID: CCVIS 410-709592/3

Client Sample ID:

Date Analyzed: 10/06/25 12:53

Lab File ID: 7006X02.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	4.01	Baseline	D7UM	10/07/25 08:42
1,1,2,2-Tetrachloroethane	15.48	Split Peak	D7UM	10/07/25 08:39
4-Ethyltoluene	15.67	Split Peak	D7UM	10/07/25 08:39
1,3,5-Trimethylbenzene	15.70	Split Peak	D7UM	10/07/25 08:39
tert-Butylbenzene	15.95	Split Peak	D7UM	10/07/25 08:40

Lab Sample ID: LCS 410-709592/4

Client Sample ID:

Date Analyzed: 10/06/25 14:42

Lab File ID: 7006X05.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2,2-Tetrachloroethane	15.48	Split Peak	D7UM	10/07/25 08:41
4-Ethyltoluene	15.67	Split Peak	D7UM	10/07/25 08:41
1,3,5-Trimethylbenzene	15.70	Split Peak	D7UM	10/07/25 08:41
tert-Butylbenzene	15.95	Split Peak	D7UM	10/07/25 08:41

Lab Sample ID: LCS 410-709592/5

Client Sample ID:

Date Analyzed: 10/06/25 15:09

Lab File ID: 7006X06.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	4.02	Baseline	D7UM	10/06/25 15:33

Lab Sample ID: MB 410-709592/7

Client Sample ID:

Date Analyzed: 10/06/25 16:08

Lab File ID: 7006X08.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroethane		Invalid Compound ID	D7UM	10/07/25 08:42

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-336014-1

SDG No.:

Instrument ID: HP8R004

Analysis Batch Number: 709592

Lab Sample ID: 460-336014-2

Client Sample ID: AA-01_20250929

Date Analyzed: 10/06/25 21:01

Lab File ID: 7006X16.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	4.01	Baseline	D7UM	10/07/25 08:58
1,1,2-Trichlorotrifluoroethane		Invalid Compound ID	D7UM	10/07/25 08:58
Chloroethane		Invalid Compound ID	D7UM	10/07/25 08:58
Carbon tetrachloride	10.31	Baseline	D7UM	10/07/25 08:58

Lab Sample ID: 460-336011-A-7 DU

Client Sample ID:

Date Analyzed: 10/07/25 08:16

Lab File ID: 7006X31.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	4.01	Baseline	D7UM	10/07/25 09:24
1,1,2,2-Tetrachloroethane		Invalid Compound ID	D7UM	10/07/25 09:25
1,1,2-Trichloroethane		Invalid Compound ID	D7UM	10/07/25 09:25
1,1,2-Trichlorotrifluoroethane		Invalid Compound ID	D7UM	10/07/25 09:24
1,2-Dichloropropane		Invalid Compound ID	D7UM	10/07/25 09:25
2-Chlorotoluene		Invalid Compound ID	D7UM	10/07/25 09:26
4-Ethyltoluene		Invalid Compound ID	D7UM	10/07/25 09:26
4-Isopropyltoluene		Invalid Compound ID	D7UM	10/07/25 09:26
Benzyl chloride		Invalid Compound ID	D7UM	10/07/25 09:26
Cumene		Invalid Compound ID	D7UM	10/07/25 09:25
Methyl methacrylate		Invalid Compound ID	D7UM	10/07/25 09:25
n-Butylbenzene		Invalid Compound ID	D7UM	10/07/25 09:26
N-Propylbenzene		Invalid Compound ID	D7UM	10/07/25 09:25
tert-Butylbenzene		Invalid Compound ID	D7UM	10/07/25 09:26
trans-1,3-Dichloropropene		Invalid Compound ID	D7UM	10/07/25 09:25
o-Xylene	14.99	Split Peak	D7UM	10/07/25 09:25
1,3,5-Trimethylbenzene	15.70	Split Peak	D7UM	10/07/25 09:26

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
 Testing, LLC

SDG No.: _____

Instrument ID: HP8R004

Analysis Batch Number: 709592

Lab Sample ID: 460-336049-1

Client Sample ID: SV-03_20250930

Date Analyzed: 10/07/25 11:10

Lab File ID: 7006X37.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	4.02	Baseline	D7UM	10/07/25 11:30
1,3-Butadiene	4.11	Split Peak	D7UM	10/07/25 13:25
Acetone	6.39	Split Peak	D7UM	10/07/25 13:25
Chloroform	9.76	Split Peak	D7UM	10/07/25 13:26
1,1,2,2-Tetrachloroethane		Invalid Compound ID	D7UM	10/07/25 13:27
1,1,2-Trichloroethane		Invalid Compound ID	D7UM	10/07/25 13:26
1,1,2-Trichlorotrifluoroethane		Invalid Compound ID	D7UM	10/07/25 13:25
1,2-Dichloroethane		Invalid Compound ID	D7UM	10/07/25 13:26
1,2-Dichloropropane		Invalid Compound ID	D7UM	10/07/25 13:26
2-Chlorotoluene		Invalid Compound ID	D7UM	10/07/25 13:27
4-Ethyltoluene		Invalid Compound ID	D7UM	10/07/25 13:27
4-Isopropyltoluene		Invalid Compound ID	D7UM	10/07/25 13:27
Benzyl chloride		Invalid Compound ID	D7UM	10/07/25 13:27
Bromodichloromethane		Invalid Compound ID	D7UM	10/07/25 13:26
Dibromochloromethane		Invalid Compound ID	D7UM	10/07/25 13:26
Methyl methacrylate		Invalid Compound ID	D7UM	10/07/25 13:26
Styrene		Invalid Compound ID	D7UM	10/07/25 13:26
Tetrahydrofuran		Invalid Compound ID	D7UM	10/07/25 13:25
trans-1,3-Dichloropropene		Invalid Compound ID	D7UM	10/07/25 13:26
4-Methyl-2-pentanone (Methyl isobutyl ketone)	12.87	Split Peak	D7UM	10/07/25 13:29
Cumene	15.27	Split Peak	D7UM	10/07/25 13:27
1,3,5-Trimethylbenzene	15.70	Split Peak	D7UM	10/07/25 13:27
sec-Butylbenzene	16.11	Split Peak	D7UM	10/07/25 13:27

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.: _____

Instrument ID: HP8R004

Analysis Batch Number: 709592

Lab Sample ID: 460-336049-2

Client Sample ID: SV-04_20250930

Date Analyzed: 10/07/25 11:46

Lab File ID: 7006X38.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	4.01	Baseline	D7UM	10/07/25 13:31
1,1,2-Trichloroethane		Invalid Compound ID	D7UM	10/07/25 13:29
1,2-Dichloroethane		Invalid Compound ID	D7UM	10/07/25 13:30
1,2-Dichloropropane		Invalid Compound ID	D7UM	10/07/25 13:30
4-Ethyltoluene		Invalid Compound ID	D7UM	10/07/25 13:28
Bromodichloromethane		Invalid Compound ID	D7UM	10/07/25 13:30
Chlorobenzene		Invalid Compound ID	D7UM	10/07/25 13:29
Methyl methacrylate		Invalid Compound ID	D7UM	10/07/25 13:30
Styrene		Invalid Compound ID	D7UM	10/07/25 13:28
tert-Butylbenzene		Invalid Compound ID	D7UM	10/07/25 13:28
Tetrahydrofuran		Invalid Compound ID	D7UM	10/07/25 13:30
trans-1,3-Dichloropropene		Invalid Compound ID	D7UM	10/07/25 13:29
4-Methyl-2-pentanone (Methyl isobutyl ketone)	12.87	Split Peak	D7UM	10/07/25 13:29
1,3,5-Trimethylbenzene	15.70	Split Peak	D7UM	10/07/25 13:28
4-Isopropyltoluene	16.21	Split Peak	D7UM	10/07/25 13:28
n-Butylbenzene	16.51	Split Peak	D7UM	10/07/25 13:28

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.: _____

Instrument ID: HP8R004

Analysis Batch Number: 710205

Lab Sample ID: CCVIS 410-710205/3

Client Sample ID: _____

Date Analyzed: 10/07/25 14:05

Lab File ID: 7007X02.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	4.01	Baseline	JXC9	10/07/25 14:32
4-Ethyltoluene	15.67	Split Peak	JXC9	10/07/25 16:29
1,3,5-Trimethylbenzene	15.70	Split Peak	JXC9	10/07/25 16:29

Lab Sample ID: LCS 410-710205/4

Client Sample ID: _____

Date Analyzed: 10/07/25 14:35

Lab File ID: 7007X03.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2,2-Tetrachloroethane	15.49	Split Peak	JXC9	10/07/25 16:30
4-Ethyltoluene	15.67	Split Peak	JXC9	10/07/25 16:30
1,3,5-Trimethylbenzene	15.70	Split Peak	JXC9	10/07/25 16:31

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.: _____

Instrument ID: HP8R004

Analysis Batch Number: 710205

Lab Sample ID: 410-243767-A-1 DU

Client Sample ID: _____

Date Analyzed: 10/07/25 18:25

Lab File ID: 7007X09.D

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	4.01	Baseline	D7UM	10/08/25 08:37
Methylene Chloride	7.19	Split Peak	D7UM	10/08/25 08:36
1,1,2-Trichloroethane		Invalid Compound ID	D7UM	10/08/25 08:36
1,1,2-Trichlorotrifluoroethane		Invalid Compound ID	D7UM	10/08/25 08:36
4-Ethyltoluene		Invalid Compound ID	D7UM	10/08/25 08:37
4-Methyl-2-pentanone (Methyl isobutyl ketone)		Invalid Compound ID	D7UM	10/08/25 08:36
Bromodichloromethane		Invalid Compound ID	D7UM	10/08/25 08:36
Chloroform		Invalid Compound ID	D7UM	10/08/25 08:36
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	D7UM	10/08/25 08:43
Methyl methacrylate		Invalid Compound ID	D7UM	10/08/25 08:36
Tetrahydrofuran		Invalid Compound ID	D7UM	10/08/25 08:36
o-Xylene	14.99	Split Peak	D7UM	10/08/25 08:37
1,3,5-Trimethylbenzene	15.70	Split Peak	D7UM	10/08/25 08:37

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-336014-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
AIRBFB100ppb_00096					AirIS478949_00001	0.3 L	Tentatively Identified Compound	
							Xylenes, Total	
							1,4-Difluorobenzene	0.1 ppm v/v
							BFB	0.1 ppm v/v
							Chlorobenzene-d5 (IS)	0.1 ppm v/v
.AirIS478949_00001	10/07/25	Linde, Lot 1617040			(Purchased Reagent)		Chlorobromomethane (IS)	0.1 ppm v/v
							1,4-Difluorobenzene	2000 ppb v/v
							BFB	2000 ppb v/v
							Chlorobenzene-d5 (IS)	2000 ppb v/v
AIRBFB100ppb_00097					AirIS478949_00002	0.3 L	Tentatively Identified Compound	
							Xylenes, Total	
							1,4-Difluorobenzene	0.1 ppm v/v
							BFB	0.1 ppm v/v
							Chlorobenzene-d5 (IS)	0.1 ppm v/v
.AirIS478949_00002	09/03/26	Linde, Lot 1634708			(Purchased Reagent)		Chlorobromomethane (IS)	0.1 ppm v/v
							1,4-Difluorobenzene	2000 ppb v/v
							BFB	2000 ppb v/v
							Chlorobenzene-d5 (IS)	2000 ppb v/v
AIRCAL0.5_00151	10/04/25	09/04/25	DI Water, Lot N/A	20 L	AirCAL755853_00001	10 mL	Chlorobromomethane (IS)	2000 ppb v/v
							1,1,1-Trichloroethane	0.5 ppb v/v
							1,1,2,2-Tetrachloroethane	0.5 ppb v/v
							1,1,2-Trichloroethane	0.5 ppb v/v
							1,1,2-Trichlorotrifluoroethane	0.5 ppb v/v
							1,1-Dichloroethane	0.5 ppb v/v
							1,1-Dichloroethene	0.5 ppb v/v
							1,2,4-Trichlorobenzene	0.5 ppb v/v
							1,2,4-Trimethylbenzene	0.5 ppb v/v
							1,2-Dibromoethane	0.5 ppb v/v
							1,2-Dichlorobenzene	0.5 ppb v/v
							1,2-Dichloroethane	0.5 ppb v/v
							1,2-Dichloropropane	0.5 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.5 ppb v/v
							1,3,5-Trimethylbenzene	0.5 ppb v/v
							1,3-Butadiene	0.5 ppb v/v
							1,3-Dichlorobenzene	0.5 ppb v/v
							1,4-Dichlorobenzene	0.5 ppb v/v
							1,4-Dioxane	0.5 ppb v/v
							2,2,4-Trimethylpentane	0.5 ppb v/v
							2-Chlorotoluene	0.5 ppb v/v
							3-Chloropropene	0.5 ppb v/v
							4-Ethyltoluene	0.5 ppb v/v
							4-Isopropyltoluene	0.5 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.5 ppb v/v
							Acetone	0.5 ppb v/v
							Benzene	0.5 ppb v/v
							Benzyl chloride	0.5 ppb v/v
							Bromodichloromethane	0.5 ppb v/v
							Bromoethene (Vinyl Bromide)	0.5 ppb v/v
							Bromoform	0.5 ppb v/v
							Bromomethane	0.5 ppb v/v
							Carbon disulfide	0.5 ppb v/v
							Carbon tetrachloride	0.5 ppb v/v
							Chlorobenzene	0.5 ppb v/v
							Chlorodifluoromethane	0.5 ppb v/v
							Chloroethane	0.5 ppb v/v
							Chloroform	0.5 ppb v/v
							Chloromethane	0.5 ppb v/v
							cis-1,2-Dichloroethene	0.5 ppb v/v
							cis-1,3-Dichloropropene	0.5 ppb v/v
							Cumene	0.5 ppb v/v
							Cyclohexane	0.5 ppb v/v
							Dibromochloromethane	0.5 ppb v/v
							Dichlorodifluoromethane	0.5 ppb v/v
							Ethylbenzene	0.5 ppb v/v
							Hexachlorobutadiene	0.5 ppb v/v
							Isopropyl alcohol	0.5 ppb v/v
							m,p-Xylene	1 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.5 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	0.5 ppb v/v
							Methyl methacrylate	0.5 ppb v/v
							Methyl tert-butyl ether	0.5 ppb v/v
							Methylene Chloride	0.5 ppb v/v
							n-Butane	0.5 ppb v/v
							n-Butylbenzene	0.5 ppb v/v
							n-Heptane	0.5 ppb v/v
							n-Hexane	0.5 ppb v/v
							N-Propylbenzene	0.5 ppb v/v
							Naphthalene	0.5 ppb v/v
							o-Xylene	0.5 ppb v/v
							sec-Butylbenzene	0.5 ppb v/v
							Styrene	0.5 ppb v/v
							tert-Butyl alcohol	0.57 ppb v/v
							tert-Butylbenzene	0.5 ppb v/v
							Tetrachloroethene	0.5 ppb v/v
							Tetrahydrofuran	0.5 ppb v/v
							Toluene	0.5 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
 Testing, LLC

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,2-Dichloroethene	0.5 ppb v/v
							trans-1,3-Dichloropropene	0.5 ppb v/v
							Trichloroethene	0.5 ppb v/v
							Trichlorofluoromethane	0.5 ppb v/v
							Vinyl chloride	0.5 ppb v/v
.AirCAL755853_00001	04/16/26		Linde, Lot 1627538		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene (Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1.14 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
AIRCAL10.0_00619	10/03/25	09/03/25	DI Water, Lot N/A	20 L	AirCAL755853_00001	200 mL	1,1,1-Trichloroethane	10 ppb v/v
							1,1,2,2-Tetrachloroethane	10 ppb v/v
							1,1,2-Trichloroethane	10 ppb v/v
							1,1,2-Trichlorotrifluoroethane	10 ppb v/v
							1,1-Dichloroethane	10 ppb v/v
							1,1-Dichloroethene	10 ppb v/v
							1,2,4-Trichlorobenzene	10 ppb v/v
							1,2,4-Trimethylbenzene	10 ppb v/v
							1,2-Dibromoethane	10 ppb v/v
							1,2-Dichlorobenzene	10 ppb v/v
							1,2-Dichloroethane	10 ppb v/v
							1,2-Dichloropropane	10 ppb v/v
							1,2-Dichlorotetrafluoroethane	10 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trimethylbenzene	10 ppb v/v
							1,3-Butadiene	10 ppb v/v
							1,3-Dichlorobenzene	10 ppb v/v
							1,4-Dichlorobenzene	10 ppb v/v
							1,4-Dioxane	10 ppb v/v
							2,2,4-Trimethylpentane	10 ppb v/v
							2-Chlorotoluene	10 ppb v/v
							3-Chloropropene	10 ppb v/v
							4-Ethyltoluene	10 ppb v/v
							4-Isopropyltoluene	10 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	10 ppb v/v
							Acetone	10 ppb v/v
							Benzene	10 ppb v/v
							Benzyl chloride	10 ppb v/v
							Bromodichloromethane	10 ppb v/v
							Bromoethene (Vinyl Bromide)	10 ppb v/v
							Bromoform	10 ppb v/v
							Bromomethane	10 ppb v/v
							Carbon disulfide	10 ppb v/v
							Carbon tetrachloride	10 ppb v/v
							Chlorobenzene	10 ppb v/v
							Chlorodifluoromethane	10 ppb v/v
							Chloroethane	10 ppb v/v
							Chloroform	10 ppb v/v
							Chloromethane	10 ppb v/v
							cis-1,2-Dichloroethene	10 ppb v/v
							cis-1,3-Dichloropropene	10 ppb v/v
							Cumene	10 ppb v/v
							Cyclohexane	10 ppb v/v
							Dibromochloromethane	10 ppb v/v
							Dichlorodifluoromethane	10 ppb v/v
							Ethylbenzene	10 ppb v/v
							Hexachlorobutadiene	10 ppb v/v
							Isopropyl alcohol	10 ppb v/v
							m,p-Xylene	20 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	10 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	10 ppb v/v
							Methyl methacrylate	10 ppb v/v
							Methyl tert-butyl ether	10 ppb v/v
							Methylene Chloride	10 ppb v/v
							n-Butane	10 ppb v/v
							n-Butylbenzene	10 ppb v/v
							n-Heptane	10 ppb v/v
							n-Hexane	10 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Propylbenzene	10 ppb v/v
							Naphthalene	10 ppb v/v
							o-Xylene	10 ppb v/v
							sec-Butylbenzene	10 ppb v/v
							Styrene	10 ppb v/v
							tert-Butyl alcohol	11.4 ppb v/v
							tert-Butylbenzene	10 ppb v/v
							Tetrachloroethene	10 ppb v/v
							Tetrahydrofuran	10 ppb v/v
							Toluene	10 ppb v/v
							trans-1,2-Dichloroethene	10 ppb v/v
							trans-1,3-Dichloropropene	10 ppb v/v
							Trichloroethene	10 ppb v/v
							Trichlorofluoromethane	10 ppb v/v
							Vinyl chloride	10 ppb v/v
.AirCAL755853_00001	04/16/26		Linde, Lot 1627538		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene (Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1.14 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
AIRCAL10.0_00621	10/15/25	09/15/25	DI Water, Lot N/A	20 L	AirCAL755853_00001	200 mL	1,1,1-Trichloroethane	10 ppb v/v
							1,1,2,2-Tetrachloroethane	10 ppb v/v
							1,1,2-Trichloroethane	10 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichlorotrifluoroethane	10 ppb v/v
							1,1-Dichloroethane	10 ppb v/v
							1,1-Dichloroethene	10 ppb v/v
							1,2,4-Trichlorobenzene	10 ppb v/v
							1,2,4-Trimethylbenzene	10 ppb v/v
							1,2-Dibromoethane	10 ppb v/v
							1,2-Dichlorobenzene	10 ppb v/v
							1,2-Dichloroethane	10 ppb v/v
							1,2-Dichloropropane	10 ppb v/v
							1,2-Dichlorotetrafluoroethane	10 ppb v/v
							1,3,5-Trimethylbenzene	10 ppb v/v
							1,3-Butadiene	10 ppb v/v
							1,3-Dichlorobenzene	10 ppb v/v
							1,4-Dichlorobenzene	10 ppb v/v
							1,4-Dioxane	10 ppb v/v
							2,2,4-Trimethylpentane	10 ppb v/v
							2-Chlorotoluene	10 ppb v/v
							3-Chloropropene	10 ppb v/v
							4-Ethyltoluene	10 ppb v/v
							4-Isopropyltoluene	10 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	10 ppb v/v
							Acetone	10 ppb v/v
							Benzene	10 ppb v/v
							Benzyl chloride	10 ppb v/v
							Bromodichloromethane	10 ppb v/v
							Bromoethene (Vinyl Bromide)	10 ppb v/v
							Bromoform	10 ppb v/v
							Bromomethane	10 ppb v/v
							Carbon disulfide	10 ppb v/v
							Carbon tetrachloride	10 ppb v/v
							Chlorobenzene	10 ppb v/v
							Chlorodifluoromethane	10 ppb v/v
							Chloroethane	10 ppb v/v
							Chloroform	10 ppb v/v
							Chloromethane	10 ppb v/v
							cis-1,2-Dichloroethene	10 ppb v/v
							cis-1,3-Dichloropropene	10 ppb v/v
							Cumene	10 ppb v/v
							Cyclohexane	10 ppb v/v
							Dibromochloromethane	10 ppb v/v
							Dichlorodifluoromethane	10 ppb v/v
							Ethylbenzene	10 ppb v/v
							Hexachlorobutadiene	10 ppb v/v
							Isopropyl alcohol	10 ppb v/v
							m,p-Xylene	20 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Butyl Ketone (2-Hexanone)	10 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	10 ppb v/v
							Methyl methacrylate	10 ppb v/v
							Methyl tert-butyl ether	10 ppb v/v
							Methylene Chloride	10 ppb v/v
							n-Butane	10 ppb v/v
							n-Butylbenzene	10 ppb v/v
							n-Heptane	10 ppb v/v
							n-Hexane	10 ppb v/v
							N-Propylbenzene	10 ppb v/v
							Naphthalene	10 ppb v/v
							o-Xylene	10 ppb v/v
							sec-Butylbenzene	10 ppb v/v
							Styrene	10 ppb v/v
							tert-Butyl alcohol	11.4 ppb v/v
							tert-Butylbenzene	10 ppb v/v
							Tetrachloroethene	10 ppb v/v
							Tetrahydrofuran	10 ppb v/v
							Toluene	10 ppb v/v
							trans-1,2-Dichloroethene	10 ppb v/v
							trans-1,3-Dichloropropene	10 ppb v/v
.AirCAL755853_00001	04/16/26		Linde, Lot 1627538		(Purchased Reagent)		Trichloroethene	10 ppb v/v
							Trichlorofluoromethane	10 ppb v/v
							Vinyl chloride	10 ppb v/v
							1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene (Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1.14 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
AIRCAL50.0_00191	10/04/25	09/04/25	DI Water, Lot N/A	20 L	AirCAL755853_00001	1000 mL	1,1,1-Trichloroethane	50 ppb v/v
							1,1,2,2-Tetrachloroethane	50 ppb v/v
							1,1,2-Trichloroethane	50 ppb v/v
							1,1,2-Trichlorotrifluoroethane	50 ppb v/v
							1,1-Dichloroethane	50 ppb v/v
							1,1-Dichloroethene	50 ppb v/v
							1,2,4-Trichlorobenzene	50 ppb v/v
							1,2,4-Trimethylbenzene	50 ppb v/v
							1,2-Dibromoethane	50 ppb v/v
							1,2-Dichlorobenzene	50 ppb v/v
							1,2-Dichloroethane	50 ppb v/v
							1,2-Dichloropropane	50 ppb v/v
							1,2-Dichlorotetrafluoroethane	50 ppb v/v
							1,3,5-Trimethylbenzene	50 ppb v/v
							1,3-Butadiene	50 ppb v/v
							1,3-Dichlorobenzene	50 ppb v/v
							1,4-Dichlorobenzene	50 ppb v/v
							1,4-Dioxane	50 ppb v/v
							2,2,4-Trimethylpentane	50 ppb v/v
							2-Chlorotoluene	50 ppb v/v
							3-Chloropropene	50 ppb v/v
							4-Ethyltoluene	50 ppb v/v
							4-Isopropyltoluene	50 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	50 ppb v/v
							Acetone	50 ppb v/v
							Benzene	50 ppb v/v
							Benzyl chloride	50 ppb v/v
							Bromodichloromethane	50 ppb v/v
							Bromoethene (Vinyl Bromide)	50 ppb v/v
							Bromoform	50 ppb v/v
							Bromomethane	50 ppb v/v
							Carbon disulfide	50 ppb v/v
							Carbon tetrachloride	50 ppb v/v
							Chlorobenzene	50 ppb v/v
							Chlorodifluoromethane	50 ppb v/v
							Chloroethane	50 ppb v/v
							Chloroform	50 ppb v/v
							Chloromethane	50 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	50 ppb v/v
							cis-1,3-Dichloropropene	50 ppb v/v
							Cumene	50 ppb v/v
							Cyclohexane	50 ppb v/v
							Dibromochloromethane	50 ppb v/v
							Dichlorodifluoromethane	50 ppb v/v
							Ethylbenzene	50 ppb v/v
							Hexachlorobutadiene	50 ppb v/v
							Isopropyl alcohol	50 ppb v/v
							m,p-Xylene	100 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	50 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	50 ppb v/v
							Methyl methacrylate	50 ppb v/v
							Methyl tert-butyl ether	50 ppb v/v
							Methylene Chloride	50 ppb v/v
							n-Butane	50 ppb v/v
							n-Butylbenzene	50 ppb v/v
							n-Heptane	50 ppb v/v
							n-Hexane	50 ppb v/v
							N-Propylbenzene	50 ppb v/v
							Naphthalene	50 ppb v/v
							o-Xylene	50 ppb v/v
							sec-Butylbenzene	50 ppb v/v
							Styrene	50 ppb v/v
							tert-Butyl alcohol	57 ppb v/v
							tert-Butylbenzene	50 ppb v/v
							Tetrachloroethene	50 ppb v/v
							Tetrahydrofuran	50 ppb v/v
							Toluene	50 ppb v/v
							trans-1,2-Dichloroethene	50 ppb v/v
							trans-1,3-Dichloropropene	50 ppb v/v
							Trichloroethene	50 ppb v/v
							Trichlorofluoromethane	50 ppb v/v
							Vinyl chloride	50 ppb v/v
.AirCAL755853_00001	04/16/26	Linde, Lot 1627538			(Purchased Reagent)	1,1,1-Trichloroethane	1 ppm v/v	
						1,1,2,2-Tetrachloroethane	1 ppm v/v	
						1,1,2-Trichloroethane	1 ppm v/v	
						1,1,2-Trichlorotrifluoroethane	1 ppm v/v	
						1,1-Dichloroethane	1 ppm v/v	
						1,1-Dichloroethene	1 ppm v/v	
						1,2,4-Trichlorobenzene	1 ppm v/v	
						1,2,4-Trimethylbenzene	1 ppm v/v	
						1,2-Dibromoethane	1 ppm v/v	
						1,2-Dichlorobenzene	1 ppm v/v	
						1,2-Dichloroethane	1 ppm v/v	

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene (Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1.14 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
AIRIS200 ppb_00521	09/19/25	08/20/25	DI Water, Lot N/A	6 L	AirIS478949_00001	0.6 L	1,4-Difluorobenzene	200 ppb v/v
							Chlorobenzene-d5 (IS)	200 ppb v/v
							Chlorobromomethane (IS)	200 ppb v/v
.AirIS478949_00001	10/07/25		Linde, Lot 1617040		(Purchased Reagent)		1,4-Difluorobenzene	2000 ppb v/v
							Chlorobenzene-d5 (IS)	2000 ppb v/v
							Chlorobromomethane (IS)	2000 ppb v/v
AIRIS200 ppb_00532	10/19/25	09/23/25	DI Water, Lot N/A	6 L	AirIS478949_00002	0.6 L	1,4-Difluorobenzene	200 ppb v/v
							Chlorobenzene-d5 (IS)	200 ppb v/v
							Chlorobromomethane (IS)	200 ppb v/v
.AirIS478949_00002	09/03/26		Linde, Lot 1634708		(Purchased Reagent)		1,4-Difluorobenzene	2000 ppb v/v
							Chlorobenzene-d5 (IS)	2000 ppb v/v
							Chlorobromomethane (IS)	2000 ppb v/v
AIRLCS10.0_00565	09/26/25	08/27/25	DI Water, Lot N/A	20 L	Airlcsbutane 00001	200 mL	n-Butane	10 ppb v/v
.Airlcsbutane_00001	05/20/30		Linde, Lot 3043461405952		(Purchased Reagent)		n-Butane	1 ppm v/v
AIRLCS10.0_00567	10/01/25	09/02/25	DI Water, Lot N/A	20 L	Airlcs346231_00008	200 mL	1,1,1-Trichloroethane	10 ppb v/v
							1,1,2,2-Tetrachloroethane	10 ppb v/v
							1,1,2-Trichloroethane	10 ppb v/v
							1,1,2-Trichlorotrifluoroethane	10 ppb v/v
							1,1-Dichloroethane	10 ppb v/v
							1,1-Dichloroethene	10 ppb v/v
							1,2,4-Trichlorobenzene	10 ppb v/v
							1,2,4-Trimethylbenzene	10 ppb v/v
							1,2-Dibromoethane	10 ppb v/v
							1,2-Dichlorobenzene	10 ppb v/v
							1,2-Dichloroethane	10 ppb v/v
							1,2-Dichloropropane	10 ppb v/v
							1,2-Dichlorotetrafluoroethane	10 ppb v/v
							1,3,5-Trimethylbenzene	10 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Butadiene	10 ppb v/v
							1,3-Dichlorobenzene	10 ppb v/v
							1,4-Dichlorobenzene	10 ppb v/v
							1,4-Dioxane	10 ppb v/v
							2,2,4-Trimethylpentane	10 ppb v/v
							2-Chlorotoluene	10 ppb v/v
							3-Chloropropene	10 ppb v/v
							4-Ethyltoluene	10 ppb v/v
							4-Isopropyltoluene	10 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	10 ppb v/v
							Acetone	10 ppb v/v
							Benzene	10 ppb v/v
							Benzyl chloride	10 ppb v/v
							Bromodichloromethane	10 ppb v/v
							Bromoethene (Vinyl Bromide)	10 ppb v/v
							Bromoform	10 ppb v/v
							Bromomethane	10 ppb v/v
							Carbon disulfide	10 ppb v/v
							Carbon tetrachloride	10 ppb v/v
							Chlorobenzene	10 ppb v/v
							Chlorodifluoromethane	10 ppb v/v
							Chloroethane	10 ppb v/v
							Chloroform	10 ppb v/v
							Chloromethane	10 ppb v/v
							cis-1,2-Dichloroethene	10 ppb v/v
							cis-1,3-Dichloropropene	10 ppb v/v
							Cumene	10 ppb v/v
							Cyclohexane	10 ppb v/v
							Dibromochloromethane	10 ppb v/v
							Dichlorodifluoromethane	10 ppb v/v
							Ethylbenzene	10 ppb v/v
							Hexachlorobutadiene	10 ppb v/v
							Isopropyl alcohol	10 ppb v/v
							m,p-Xylene	10 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	10 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	10 ppb v/v
							Methyl methacrylate	10 ppb v/v
							Methyl tert-butyl ether	10 ppb v/v
							Methylene Chloride	10 ppb v/v
							n-Butylbenzene	10 ppb v/v
							n-Heptane	10 ppb v/v
							n-Hexane	10 ppb v/v
							N-Propylbenzene	10 ppb v/v
							Naphthalene	11.6 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							o-Xylene	10 ppb v/v
							sec-Butylbenzene	10 ppb v/v
							Styrene	10 ppb v/v
							tert-Butyl alcohol	11.1 ppb v/v
							tert-Butylbenzene	10 ppb v/v
							Tetrachloroethene	10 ppb v/v
							Tetrahydrofuran	10 ppb v/v
							Toluene	10 ppb v/v
							trans-1,2-Dichloroethene	10 ppb v/v
							trans-1,3-Dichloropropene	10 ppb v/v
							Trichloroethene	10 ppb v/v
							Trichlorofluoromethane	10 ppb v/v
							Vinyl chloride	10 ppb v/v
.Airlcs346231_00008	04/03/26	Linde, Lot 1626894			(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	1 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1.16 ppm v/v
							o-Xylene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1.11 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
AIRLCS10.0_00570	10/17/25	09/17/25	DI Water, Lot N/A	20 L	Airlcs346231_00008	200 mL	1,1,1-Trichloroethane	10 ppb v/v
							1,1,2,2-Tetrachloroethane	10 ppb v/v
							1,1,2-Trichloroethane	10 ppb v/v
							1,1,2-Trichlorotrifluoroethane	10 ppb v/v
							1,1-Dichloroethane	10 ppb v/v
							1,1-Dichloroethene	10 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	10 ppb v/v
							1,2,4-Trimethylbenzene	10 ppb v/v
							1,2-Dibromoethane	10 ppb v/v
							1,2-Dichlorobenzene	10 ppb v/v
							1,2-Dichloroethane	10 ppb v/v
							1,2-Dichloropropane	10 ppb v/v
							1,2-Dichlorotetrafluoroethane	10 ppb v/v
							1,3,5-Trimethylbenzene	10 ppb v/v
							1,3-Butadiene	10 ppb v/v
							1,3-Dichlorobenzene	10 ppb v/v
							1,4-Dichlorobenzene	10 ppb v/v
							1,4-Dioxane	10 ppb v/v
							2,2,4-Trimethylpentane	10 ppb v/v
							2-Chlorotoluene	10 ppb v/v
							3-Chloropropene	10 ppb v/v
							4-Ethyltoluene	10 ppb v/v
							4-Isopropyltoluene	10 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	10 ppb v/v
							Acetone	10 ppb v/v
							Benzene	10 ppb v/v
							Benzyl chloride	10 ppb v/v
							Bromodichloromethane	10 ppb v/v
							Bromoethene (Vinyl Bromide)	10 ppb v/v
							Bromoform	10 ppb v/v
							Bromomethane	10 ppb v/v
							Carbon disulfide	10 ppb v/v
							Carbon tetrachloride	10 ppb v/v
							Chlorobenzene	10 ppb v/v
							Chlorodifluoromethane	10 ppb v/v
							Chloroethane	10 ppb v/v
							Chloroform	10 ppb v/v
							Chloromethane	10 ppb v/v
							cis-1,2-Dichloroethene	10 ppb v/v
							cis-1,3-Dichloropropene	10 ppb v/v
							Cumene	10 ppb v/v
							Cyclohexane	10 ppb v/v
							Dibromochloromethane	10 ppb v/v
							Dichlorodifluoromethane	10 ppb v/v
							Ethylbenzene	10 ppb v/v
							Hexachlorobutadiene	10 ppb v/v
							Isopropyl alcohol	10 ppb v/v
							m,p-Xylene	10 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	10 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	10 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	10 ppb v/v
							Methyl tert-butyl ether	10 ppb v/v
							Methylene Chloride	10 ppb v/v
							n-Butylbenzene	10 ppb v/v
							n-Heptane	10 ppb v/v
							n-Hexane	10 ppb v/v
							N-Propylbenzene	10 ppb v/v
							Naphthalene	11.6 ppb v/v
							o-Xylene	10 ppb v/v
							sec-Butylbenzene	10 ppb v/v
							Styrene	10 ppb v/v
							tert-Butyl alcohol	11.1 ppb v/v
							tert-Butylbenzene	10 ppb v/v
							Tetrachloroethene	10 ppb v/v
							Tetrahydrofuran	10 ppb v/v
							Toluene	10 ppb v/v
							trans-1,2-Dichloroethene	10 ppb v/v
							trans-1,3-Dichloropropene	10 ppb v/v
							Trichloroethene	10 ppb v/v
							Trichlorofluoromethane	10 ppb v/v
Vinyl chloride	10 ppb v/v							
.Airlcs346231_00008	04/03/26	Linde, Lot 1626894			(Purchased Reagent)	1,1,1-Trichloroethane	1 ppm v/v	
						1,1,2,2-Tetrachloroethane	1 ppm v/v	
						1,1,2-Trichloroethane	1 ppm v/v	
						1,1,2-Trichlorotrifluoroethane	1 ppm v/v	
						1,1-Dichloroethane	1 ppm v/v	
						1,1-Dichloroethene	1 ppm v/v	
						1,2,4-Trichlorobenzene	1 ppm v/v	
						1,2,4-Trimethylbenzene	1 ppm v/v	
						1,2-Dibromoethane	1 ppm v/v	
						1,2-Dichlorobenzene	1 ppm v/v	
						1,2-Dichloroethane	1 ppm v/v	
						1,2-Dichloropropane	1 ppm v/v	
						1,2-Dichlorotetrafluoroethane	1 ppm v/v	
						1,3,5-Trimethylbenzene	1 ppm v/v	
						1,3-Butadiene	1 ppm v/v	
						1,3-Dichlorobenzene	1 ppm v/v	
						1,4-Dichlorobenzene	1 ppm v/v	
						1,4-Dioxane	1 ppm v/v	
						2,2,4-Trimethylpentane	1 ppm v/v	
						2-Chlorotoluene	1 ppm v/v	
						3-Chloropropene	1 ppm v/v	
						4-Ethyltoluene	1 ppm v/v	
						4-Isopropyltoluene	1 ppm v/v	
						4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v	
						Acetone	1 ppm v/v	

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene (Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	1 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1.16 ppm v/v
							o-Xylene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1.11 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 460-336014-1
Testing, LLC

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl chloride	1 ppm v/v
AIRLCS10.0_00572	10/29/25	09/29/25	DI Water, Lot N/A	20 L	Airlcsbutane_00001	200 mL	n-Butane	10 ppb v/v
.Airlcsbutane_00001	05/20/30		Linde, Lot 3043461405952		(Purchased Reagent)		n-Butane	1 ppm v/v

Reagent

AirCAL755853_00001

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ANALYSIS REPORT

Sales#:	117526849	Cylinder Size:	152 (8" X 47.5")
Production#:	1627538	Cylinder # :	CC-755853
Report Date:	Apr-16-2025	Cylinder Pressure:	2000 psig
P.O.# :	76102389	Cylinder Valve:	CGA 350 / Steel
Blend Type:	QUALIFIED	Cylinder Volume:	29.5 Liter
Material#:	24086943	Cylinder Material:	Aluminum
Traceability:	NIST by weight	Gas Volume:	4000 Liters
Expiration Date:	Apr-16-2026	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Analytical Accuracy:	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Propylene	115-07-1	1.00 ppm	1.10 ppm
Chlorodifluoromethane	75-45-6	1.00 ppm	1.07 ppm
Freon-12	75-71-8	1.00 ppm	1.04 ppm
Chloromethane	74-87-3	1.00 ppm	1.05 ppm
Freon-114	76-14-2	1.00 ppm	1.02 ppm
Vinyl Chloride	75-01-4	1.00 ppm	1.05 ppm
1,3-Butadiene	106-99-0	1.00 ppm	1.07 ppm
n-Butane	106-97-8	1.00 ppm	1.03 ppm
Bromomethane	74-83-9	1.00 ppm	1.03 ppm
Chloroethane	75-00-3	1.00 ppm	1.03 ppm
Dichlorofluoromethane	75-43-4	1.00 ppm	1.05 ppm
Vinyl Bromide	593-60-2	1.00 ppm	1.10 ppm
Ethanol (Analytical Accuracy $\pm$ 10%)	64-17-5	1.00 ppm	1.16 ppm
Acetonitrile (Analytical Accuracy $\pm$ 10%)	75-05-8	1.00 ppm	1.16 ppm
Acrolein (Analytical Accuracy $\pm$ 10%)	107-02-8	1.00 ppm	1.16 ppm
Acetone (Analytical Accuracy $\pm$ 10%)	67-64-1	1.00 ppm	1.04 ppm
Freon-11	75-69-4	1.00 ppm	1.05 ppm
Freon-123A	354-23-4	1.00 ppm	1.05 ppm
Isopropyl Alcohol (Analytical Accuracy $\pm$ 10%)	67-63-0	1.00 ppm	1.09 ppm
n-Pentane	109-66-0	1.00 ppm	1.02 ppm
Acrylonitrile (Analytical Accuracy $\pm$ 10%)	107-13-1	1.00 ppm	1.10 ppm
Iodomethane	74-88-4	1.00 ppm	1.05 ppm
1,1-Dichloroethene	75-35-4	1.00 ppm	0.96 ppm
Carbon Disulfide (Analytical Accuracy $\pm$ 10%)	75-15-0	1.00 ppm	1.05 ppm
Methylene Chloride	75-09-2	1.00 ppm	1.05 ppm
Tert-Butanol (Analytical Accuracy $\pm$ 10%)	75-65-0	1.00 ppm	1.14 ppm
Allyl Chloride	107-05-1	1.00 ppm	1.05 ppm
Freon-113	76-13-1	1.00 ppm	1.03 ppm
Trans-1,2-Dichloroethene	156-60-5	1.00 ppm	1.04 ppm
1,1-Dichloroethane	75-34-3	1.00 ppm	1.01 ppm

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ANALYSIS REPORT

Sales#:	117526849	Cylinder Size:	152 (8" X 47.5")
Production#:	1627538	Cylinder #:	CC-755853
Report Date:	Apr-16-2025	Cylinder Pressure:	2000 psig
P.O.#:	76102389	Cylinder Valve:	CGA 350 / Steel
Blend Type:	QUALIFIED	Cylinder Volume:	29.5 Liter
Material#:	24086943	Cylinder Material:	Aluminum
Traceability:	NIST by weight	Gas Volume:	4000 Liters
Expiration Date:	Apr-16-2026	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Analytical Accuracy:	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Methyl Tert Butyl Ether	1634-04-4	1.00 ppm	1.06 ppm
Vinyl Acetate	108-05-4	1.00 ppm	1.13 ppm
Methyl Ethyl Ketone	78-93-3	1.00 ppm	1.07 ppm
Cis-1,2-Dichloroethene	156-59-2	1.00 ppm	1.00 ppm
Hexane	110-54-3	1.00 ppm	1.05 ppm
Methyl Acrylate	96-33-3	1.00 ppm	1.05 ppm
Di-isopropyl Ether	108-20-3	1.00 ppm	1.05 ppm
Chloroform	67-66-3	1.00 ppm	1.05 ppm
Ethyl Acetate	141-78-6	1.00 ppm	1.05 ppm
Tetrahydrofuran	109-99-9	1.00 ppm	1.06 ppm
Ethyl Tert-Butyl Ether	637-92-3	1.00 ppm	1.06 ppm
1,2-Dichloroethane	107-06-2	1.00 ppm	1.02 ppm
1,1,1-Trichloroethane	71-55-6	1.00 ppm	1.03 ppm
Benzene	71-43-2	1.00 ppm	1.04 ppm
Carbon Tetrachloride	56-23-5	1.00 ppm	0.98 ppm
Cyclohexane	110-82-7	1.00 ppm	1.05 ppm
Tert Amyl Methyl Ether	994-05-8	1.00 ppm	1.06 ppm
Dibromomethane	74-95-3	1.00 ppm	1.05 ppm
1,2-Dichloropropane	78-87-5	1.00 ppm	1.05 ppm
Ethyl Acrylate	140-88-5	1.00 ppm	1.04 ppm
Trichloroethylene	79-01-6	1.00 ppm	1.04 ppm
Bromodichloromethane	75-27-4	1.00 ppm	1.04 ppm
1,4-Dioxane	123-91-1	1.00 ppm	1.04 ppm
Isooctane	540-84-1	1.00 ppm	1.05 ppm
Methyl Methacrylate	80-62-6	1.00 ppm	1.03 ppm
Heptane	142-82-5	1.00 ppm	1.04 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.00 ppm	1.06 ppm
Methyl Isobutyl Ketone	108-10-1	1.00 ppm	1.05 ppm
Trans-1,3-Dichloropropene	10061-02-6	1.00 ppm	0.95 ppm
1,1,2-Trichloroethane	79-00-5	1.00 ppm	1.04 ppm

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ANALYSIS REPORT

Sales#:	117526849	Cylinder Size:	152 (8" X 47.5")
Production#:	1627538	Cylinder # :	CC-755853
Report Date:	Apr-16-2025	Cylinder Pressure:	2000 psig
P.O.# :	76102389	Cylinder Valve:	CGA 350 / Steel
Blend Type:	QUALIFIED	Cylinder Volume:	29.5 Liter
Material#:	24086943	Cylinder Material:	Aluminum
Traceability:	NIST by weight	Gas Volume:	4000 Liters
Expiration Date:	Apr-16-2026	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Analytical Accuracy:	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Toluene	108-88-3	1.00 ppm	1.05 ppm
Methyl Butyl Ketone	591-78-6	1.00 ppm	1.03 ppm
Ethyl Methacrylate	97-63-2	1.00 ppm	1.04 ppm
Dibromochloromethane	124-48-1	1.00 ppm	1.04 ppm
1,2-Dibromoethane	106-93-4	1.00 ppm	1.03 ppm
n-Octane	111-65-9	1.00 ppm	1.04 ppm
Tetrachloroethylene	127-18-4	1.00 ppm	1.05 ppm
Chlorobenzene	108-90-7	1.00 ppm	1.06 ppm
1,1,1,2-Tetrachloroethane	630-20-6	1.00 ppm	1.06 ppm
Ethylbenzene	100-41-4	1.00 ppm	1.06 ppm
p-xylene	106-42-3	1.00 ppm	1.05 ppm
m-xylene	108-38-3	1.00 ppm	1.05 ppm
Bromoform	75-25-2	1.00 ppm	1.05 ppm
Styrene	100-42-5	1.00 ppm	1.06 ppm
o-xylene	95-47-6	1.00 ppm	1.06 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.00 ppm	1.06 ppm
1,2,3-Trichloropropane	96-18-4	1.00 ppm	1.04 ppm
Cumene	98-82-8	1.00 ppm	1.05 ppm
Bromobenzene	108-86-1	1.00 ppm	1.09 ppm
o-Chlorotoluene	95-49-8	1.00 ppm	1.04 ppm
n-Propylbenzene	103-65-1	1.00 ppm	1.04 ppm
4-Ethyltoluene	622-96-8	1.00 ppm	1.02 ppm
1,3,5-Trimethylbenzene	108-67-8	1.00 ppm	1.05 ppm
alpha-Methyl Styrene (Analytical Accuracy $\pm$ 10%)	98-83-9	1.00 ppm	1.16 ppm
Tert-Butyl Benzene	98-06-6	1.00 ppm	1.05 ppm
1,2,4-Trimethylbenzene	95-63-6	1.00 ppm	1.05 ppm
1,3-Dichlorobenzene	541-73-1	1.00 ppm	1.06 ppm
Benzyl Chloride (Analytical Accuracy $\pm$ 10%)	100-44-7	1.00 ppm	1.06 ppm

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ANALYSIS REPORT

Sales#: 117526849
Production#: 1627538
Report Date: Apr-16-2025
P.O.# : 76102389
Blend Type: QUALIFIED
Material#: 24086943
Traceability: NIST by weight
Expiration Date: Apr-16-2026
Do NOT use under: 150 psig

Cylinder Size: 152 (8" X 47.5")
Cylinder # : CC-755853
Cylinder Pressure: 2000 psig
Cylinder Valve: CGA 350 / Steel
Cylinder Volume: 29.5 Liter
Cylinder Material: Aluminum
Gas Volume: 4000 Liters
Blend Tolerance: 10% Relative
Analytical Accuracy: 5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
1,4-Dichlorobenzene	106-46-7	1.00 ppm	1.08 ppm
Sec-Butyl Benzene	135-98-8	1.00 ppm	1.08 ppm
p-Cymene	99-87-6	1.00 ppm	1.06 ppm
1,2-Dichlorobenzene	95-50-1	1.00 ppm	1.08 ppm
n-Butyl Benzene	104-51-8	1.00 ppm	1.08 ppm
1,2-Dibromo-3-Chloropropane	96-12-8	1.00 ppm	1.05 ppm
Hexachloroethane	67-72-1	1.00 ppm	1.10 ppm
1,2,4-Trichlorobenzene	120-82-1	1.00 ppm	1.09 ppm
Naphthalene (Analytical Accuracy $\pm$ 10%)	91-20-3	1.00 ppm	1.08 ppm
Hexachloro-1,3-Butadiene	87-68-3	1.00 ppm	1.10 ppm
Nitrogen	7727-37-9	Balance	Balance

ANALYST:



Lou Lorenzetti

DATE: Apr-16-2025

Reagent

AirIS478949_00001

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PAGE: 1 of 1

ANALYSIS REPORT

Sales#:	117515099	Cylinder Size:	152 (8" X 47.5")
Production#:	1617040	Cylinder #:	CC-478949
Report Date:	Oct-07-2024	Cylinder Pressure:	2000 psig
P.O.#:	75955060	Cylinder Valve:	CGA 350 / Steel
Blend Type:	QUALIFIED	Cylinder Volume:	29.5 Liter
Material#:	24086387	Cylinder Material:	Aluminum
Traceability:	NIST by weight	Gas Volume:	4000 Liters
Expiration Date:	Oct-07-2025	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Analytical Accuracy:	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Bromochloromethane	74-97-5	2.00 ppm	2.11 ppm
1,2-Dichloroethane-d4	17060-07-0	2.00 ppm	2.08 ppm
1,4-Difluorobenzene	540-36-3	2.00 ppm	2.10 ppm
Toluene-d8	2037-26-5	2.00 ppm	2.08 ppm
Chlorobenzene-d5	3114-55-4	2.00 ppm	2.07 ppm
4-Bromofluorobenzene	460-00-4	2.00 ppm	2.07 ppm
Nitrogen	7727-37-9	Balance	Balance

ANALYST:

Brian Bramkamp

DATE: Oct-07-2024

Reagent

AirIS478949_00002

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Lancaster, PA 17601-5946

PAGE: 1 of 1

ANALYSIS REPORT

Sales#: 117538362
Production#: 1634708
Report Date: Sep-03-2025
P.O.# : 76247598
Blend Type: QUALIFIED
Material#: 24106776
Traceability: NIST by weight
Expiration Date: Sep-03-2026
Do NOT use under: 150 psig

Cylinder Size: 152 (8" X 47.5")
Cylinder # : CC-478949
Cylinder Pressure: 900 psig
Cylinder Valve: CGA 350 / Steel
Cylinder Volume: 29.5 Liter
Cylinder Material: Aluminum
Gas Volume: 1800 Liters
Blend Tolerance: 10% Relative
Analytical Accuracy: 5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Bromochloromethane	74-97-5	2.00 ppm	2.15 ppm
1,2-Dichloroethane-d4	17060-07-0	2.00 ppm	2.11 ppm
1,4-Difluorobenzene	540-36-3	2.00 ppm	2.13 ppm
Toluene-d8	2037-26-5	2.00 ppm	2.11 ppm
Chlorobenzene-d5	3114-55-4	2.00 ppm	2.10 ppm
4-Bromofluorobenzene	460-00-4	2.00 ppm	2.09 ppm
Nitrogen	7727-37-9	Balance	Balance

ANALYST: 

Brian Bramkamp

DATE: Sep-03-2025

Reagent

Air1cs346231_00008

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PAGE: 1 of 4

ANALYSIS REPORT

Sales#:	117526851	Cylinder Size:	152 (8" X 47.5")
Production#:	1626894	Cylinder #:	CC-346231
Report Date:	Apr-03-2025	Cylinder Pressure:	1100 psig
P.O.#:	76102302	Cylinder Valve:	CGA 350 / Steel
Blend Type:	QUALIFIED	Cylinder Volume:	29.5 Liter
Material#:	24106776	Cylinder Material:	Aluminum
Traceability:	NIST by weight	Gas Volume:	2200 Liters
Expiration Date:	Apr-03-2026	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Analytical Accuracy:	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Propylene	115-07-1	1.00 ppm	1.07 ppm
Chlorodifluoromethane	75-45-6	1.00 ppm	1.01 ppm
Freon-12	75-71-8	1.00 ppm	1.02 ppm
Chloromethane	74-87-3	1.00 ppm	1.01 ppm
Freon-114	76-14-2	1.00 ppm	0.96 ppm
Vinyl Chloride	75-01-4	1.00 ppm	1.03 ppm
1,3-Butadiene	106-99-0	1.00 ppm	1.03 ppm
Bromomethane	74-83-9	1.00 ppm	1.01 ppm
Chloroethane	75-00-3	1.00 ppm	0.99 ppm
Dichlorofluoromethane	75-43-4	1.00 ppm	1.07 ppm
Vinyl Bromide	593-60-2	1.00 ppm	1.06 ppm
Ethanol (Analytical Accuracy $\pm$ 10%)	64-17-5	1.00 ppm	1.08 ppm
Acetonitrile (Analytical Accuracy $\pm$ 10%)	75-05-8	1.00 ppm	1.07 ppm
Acrolein (Analytical Accuracy $\pm$ 10%)	107-02-8	1.00 ppm	1.13 ppm
Acetone (Analytical Accuracy $\pm$ 10%)	67-64-1	1.00 ppm	1.04 ppm
Freon-11	75-69-4	1.00 ppm	1.05 ppm
Freon-123A	354-23-4	1.00 ppm	1.09 ppm
Isopropyl Alcohol (Analytical Accuracy $\pm$ 10%)	67-63-0	1.00 ppm	1.05 ppm
n-Pentane	109-66-0	1.00 ppm	1.05 ppm
Acrylonitrile (Analytical Accuracy $\pm$ 10%)	107-13-1	1.00 ppm	1.05 ppm
Iodomethane	74-88-4	1.00 ppm	1.05 ppm
1,1-Dichloroethene	75-35-4	1.00 ppm	1.05 ppm
Carbon Disulfide (Analytical Accuracy $\pm$ 10%)	75-15-0	1.00 ppm	1.00 ppm
Methylene Chloride	75-09-2	1.00 ppm	1.06 ppm
Tert-Butanol (Analytical Accuracy $\pm$ 10%)	75-65-0	1.00 ppm	1.11 ppm
Allyl Chloride	107-05-1	1.00 ppm	1.06 ppm
Freon-113	76-13-1	1.00 ppm	1.02 ppm
Trans-1,2-Dichloroethene	156-60-5	1.00 ppm	0.97 ppm
1,1-Dichloroethane	75-34-3	1.00 ppm	1.02 ppm
Methyl Tert Butyl Ether	1634-04-4	1.00 ppm	1.02 ppm

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Lancaster, PA 17601

PAGE: 2 of 4

ANALYSIS REPORT

Sales#:	117526851	Cylinder Size:	152 (8" X 47.5")
Production#:	1626894	Cylinder # :	CC-346231
Report Date:	Apr-03-2025	Cylinder Pressure:	1100 psig
P.O.# :	76102302	Cylinder Valve:	CGA 350 / Steel
Blend Type:	QUALIFIED	Cylinder Volume:	29.5 Liter
Material#:	24106776	Cylinder Material:	Aluminum
Traceability:	NIST by weight	Gas Volume:	2200 Liters
Expiration Date:	Apr-03-2026	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Analytical Accuracy:	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Vinyl Acetate	108-05-4	1.00 ppm	1.09 ppm
Methyl Ethyl Ketone	78-93-3	1.00 ppm	1.03 ppm
Cis-1,2-Dichloroethene	156-59-2	1.00 ppm	1.03 ppm
Hexane	110-54-3	1.00 ppm	1.03 ppm
Methyl Acrylate	96-33-3	1.00 ppm	1.04 ppm
Di-isopropyl Ether	108-20-3	1.00 ppm	1.04 ppm
Chloroform	67-66-3	1.00 ppm	1.04 ppm
Ethyl Acetate	141-78-6	1.00 ppm	1.04 ppm
Tetrahydrofuran	109-99-9	1.00 ppm	1.04 ppm
Ethyl Tert-Butyl Ether	637-92-3	1.00 ppm	1.01 ppm
1,2-Dichloroethane	107-06-2	1.00 ppm	1.02 ppm
1,1,1-Trichloroethane	71-55-6	1.00 ppm	1.04 ppm
Benzene	71-43-2	1.00 ppm	1.05 ppm
Carbon Tetrachloride	56-23-5	1.00 ppm	1.05 ppm
Cyclohexane	110-82-7	1.00 ppm	1.04 ppm
Tert Amyl Methyl Ether	994-05-8	1.00 ppm	0.99 ppm
Dibromomethane	74-95-3	1.00 ppm	1.02 ppm
1,2-Dichloropropane	78-87-5	1.00 ppm	1.02 ppm
Ethyl Acrylate	140-88-5	1.00 ppm	1.04 ppm
Trichloroethylene	79-01-6	1.00 ppm	1.01 ppm
Bromodichloromethane	75-27-4	1.00 ppm	1.01 ppm
1,4-Dioxane	123-91-1	1.00 ppm	1.01 ppm
Isooctane	540-84-1	1.00 ppm	1.04 ppm
Methyl Methacrylate	80-62-6	1.00 ppm	0.98 ppm
Heptane	142-82-5	1.00 ppm	1.03 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.00 ppm	1.05 ppm
Methyl Isobutyl Ketone	108-10-1	1.00 ppm	1.04 ppm
Trans-1,3-Dichloropropene	10061-02-6	1.00 ppm	0.98 ppm
1,1,2-Trichloroethane	79-00-5	1.00 ppm	1.02 ppm
Toluene	108-88-3	1.00 ppm	1.03 ppm

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SHIPPED TO: Eurofins Env Testing Southwest
2425 New Holland Pike
Lancaster, PA 17601

PAGE: 3 of 4

ANALYSIS REPORT

Sales#:	117526851	Cylinder Size:	152 (8" X 47.5")
Production#:	1626894	Cylinder # :	CC-346231
Report Date:	Apr-03-2025	Cylinder Pressure:	1100 psig
P.O.# :	76102302	Cylinder Valve:	CGA 350 / Steel
Blend Type:	QUALIFIED	Cylinder Volume:	29.5 Liter
Material#:	24106776	Cylinder Material:	Aluminum
Traceability:	NIST by weight	Gas Volume:	2200 Liters
Expiration Date:	Apr-03-2026	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Analytical Accuracy:	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Methyl Butyl Ketone	591-78-6	1.00 ppm	1.05 ppm
Ethyl Methacrylate	97-63-2	1.00 ppm	1.00 ppm
Dibromochloromethane	124-48-1	1.00 ppm	0.99 ppm
1,2-Dibromoethane	106-93-4	1.00 ppm	1.01 ppm
n-Octane	111-65-9	1.00 ppm	1.01 ppm
Tetrachloroethylene	127-18-4	1.00 ppm	1.04 ppm
Chlorobenzene	108-90-7	1.00 ppm	1.06 ppm
1,1,1,2-Tetrachloroethane	630-20-6	1.00 ppm	1.06 ppm
Ethylbenzene	100-41-4	1.00 ppm	1.05 ppm
p-xylene	106-42-3	0.50 ppm	0.50 ppm
m-xylene	108-38-3	0.50 ppm	0.50 ppm
Bromoform	75-25-2	1.00 ppm	1.00 ppm
Styrene	100-42-5	1.00 ppm	1.05 ppm
o-xylene	95-47-6	1.00 ppm	1.05 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.00 ppm	1.05 ppm
1,2,3-Trichloropropane	96-18-4	1.00 ppm	1.04 ppm
Cumene	98-82-8	1.00 ppm	1.03 ppm
Bromobenzene	108-86-1	1.00 ppm	1.07 ppm
o-Chlorotoluene	95-49-8	1.00 ppm	1.04 ppm
n-Propylbenzene	103-65-1	1.00 ppm	0.99 ppm
4-Ethyltoluene	622-96-8	1.00 ppm	0.99 ppm
1,3,5-Trimethylbenzene	108-67-8	1.00 ppm	1.03 ppm
alpha-Methyl Styrene (Analytical Accuracy $\pm$ 10%)	98-83-9	1.00 ppm	1.02 ppm
Tert-Butyl Benzene	98-06-6	1.00 ppm	1.04 ppm
1,2,4-Trimethylbenzene	95-63-6	1.00 ppm	1.04 ppm
1,3-Dichlorobenzene	541-73-1	1.00 ppm	1.06 ppm
Benzyl Chloride (Analytical Accuracy $\pm$ 10%)	100-44-7	1.00 ppm	1.03 ppm
1,4-Dichlorobenzene	106-46-7	1.00 ppm	1.00 ppm

THE LINDE GROUP

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SHIPPED TO: Eurofins Env Testing Southwest
2425 New Holland Pike
Lancaster, PA 17601

PAGE: 4 of 4

ANALYSIS REPORT

Sales#:	117526851	Cylinder Size:	152 (8" X 47.5")
Production#:	1626894	Cylinder # :	CC-346231
Report Date:	Apr-03-2025	Cylinder Pressure:	1100 psig
P.O.# :	76102302	Cylinder Valve:	CGA 350 / Steel
Blend Type:	QUALIFIED	Cylinder Volume:	29.5 Liter
Material#:	24106776	Cylinder Material:	Aluminum
Traceability:	NIST by weight	Gas Volume:	2200 Liters
Expiration Date:	Apr-03-2026	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Analytical Accuracy:	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Sec-Butyl Benzene	135-98-8	1.00 ppm	1.04 ppm
p-Cymene	99-87-6	1.00 ppm	1.04 ppm
1,2-Dichlorobenzene	95-50-1	1.00 ppm	1.05 ppm
n-Butyl Benzene	104-51-8	1.00 ppm	1.07 ppm
1,2-Dibromo-3-Chloropropane	96-12-8	1.00 ppm	1.06 ppm
Hexachloroethane	67-72-1	1.00 ppm	1.07 ppm
1,2,4-Trichlorobenzene	120-82-1	1.00 ppm	1.10 ppm
Naphthalene (Analytical Accuracy $\pm$ 10%)	91-20-3	1.00 ppm	1.16 ppm
Hexachloro-1,3-Butadiene	87-68-3	1.00 ppm	1.08 ppm
Nitrogen	7727-37-9	Balance	Balance

ANALYST:

Lou Lorenzetti

DATE: Apr-03-2025

TO15_LL_NY

Volatile Organic Compounds in
Ambient Air, Low Concentration
(GC/MS)

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Matrix: Air Level: Low

Lab File ID: 7005X03.D

Lab ID: LCS 410-709300/4

Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	27.3	25.9	95	70-130	
1,1,2,2-Tetrachloroethane	34.3	28.3	83	61-130	
1,1,2-Trichloroethane	27.3	24.7	91	70-130	
1,1-Dichloroethane	20.2	18.3	90	70-130	
1,1-Dichloroethene	19.8	19.7	99	70-131	
1,2,4-Trichlorobenzene	37.1	35.8	97	52-143	
1,2,4-Trimethylbenzene	24.6	22.6	92	65-146	
1,2-Dibromoethane	38.4	34.9	91	70-130	
1,2-Dichlorobenzene	30.1	26.6	88	61-139	
1,2-Dichloroethane	20.2	17.5	87	70-131	
1,2-Dichloropropane	23.1	19.8	86	70-130	
1,3,5-Trimethylbenzene	24.6	23.8	97	69-141	
1,3-Butadiene	11.1	10.4	94	70-131	
1,3-Dichlorobenzene	30.1	26.7	89	64-140	
1,4-Dichlorobenzene	30.1	26.5	88	64-137	
1,4-Dioxane	18.0	18.8	104	70-130	
Methyl Ethyl Ketone (2-Butanone)	14.7	14.3	97	70-130	
2-Chlorotoluene	25.9	24.2	94	70-130	
3-Chloropropene	15.7	13.4	86	70-137	
4-Ethyltoluene	24.6	24.5	100	69-139	
4-Methyl-2-pentanone (Methyl isobutyl ketone)	20.5	18.1	88	68-133	
Methyl Butyl Ketone (2-Hexanone)	20.5	18.2	89	57-141	
Acetone	11.9	10.4 J	88	70-137	
Benzene	16.0	14.3	90	70-130	
Bromodichloromethane	33.5	28.5	85	70-130	
Bromoethene (Vinyl Bromide)	21.9	20.1	92	70-130	
Bromoform	51.7	48.7	94	60-139	
Bromomethane	19.4	20.0	103	70-140	
Carbon disulfide	15.6	12.5	80	70-130	
Carbon tetrachloride	31.5	32.1	102	70-130	
Chlorobenzene	23.0	19.9	86	70-130	
Chlorodifluoromethane	17.7	18.4	104	70-132	
Chloroethane	13.2	12.1	92	70-131	
Benzyl chloride	25.9	23.0	89	57-142	
Chloroform	24.4	22.1	91	70-130	
Chloromethane	10.3	10.2	99	64-138	
cis-1,2-Dichloroethene	19.8	17.6	89	70-130	
cis-1,3-Dichloropropene	22.7	19.9	88	70-130	

Column to be used to flag recovery and RPD values

FORM III TO 15 LL

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Matrix: Air Level: Low

Lab File ID: 7005X03.D

Lab ID: LCS 410-709300/4

Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
Cyclohexane	17.2	16.3	95	61-130	
Dibromochloromethane	42.6	38.7	91	70-130	
Dichlorodifluoromethane	24.7	23.0	93	70-131	
Ethylbenzene	21.7	20.0	92	70-130	
1,1,2-Trichlorotrifluoroethane	38.3	40.5	106	70-130	
1,2-Dichlorotetrafluoroethane	35.0	36.7	105	70-130	
n-Heptane	20.5	19.5	95	70-130	
Hexachlorobutadiene	53.3	47.7	90	40-157	
n-Hexane	17.6	15.3	87	61-130	
2,2,4-Trimethylpentane	23.4	21.6	93	70-130	
Cumene	24.6	24.3	99	70-137	
Isopropyl alcohol	12.3	9.96 J	81	62-135	
m,p-Xylene	21.7	23.0	106	70-130	
Methyl methacrylate	20.5	19.5	95	70-130	
Methyl tert-butyl ether	18.0	18.3	102	70-130	
Methylene Chloride	17.4	17.3	100	70-130	
Naphthalene	30.4	24.2	79	22-139	
o-Xylene	21.7	20.5	94	70-130	
Styrene	21.3	19.7	92	70-133	
tert-Butyl alcohol	16.8	18.2	108	50-130	
Tetrachloroethene	33.9	29.6	87	70-140	
Tetrahydrofuran	14.7	12.3 J	83	54-143	
Toluene	18.8	17.0	90	70-130	
trans-1,2-Dichloroethene	19.8	17.0	86	70-130	
trans-1,3-Dichloropropene	22.7	21.7	96	70-130	
Trichloroethene	26.9	23.9	89	70-130	
Trichlorofluoromethane	28.1	27.6	98	70-130	
Vinyl chloride	12.8	13.6	106	70-135	
N-Propylbenzene	24.6	23.1	94	70-130	
n-Butylbenzene	27.4	24.3	89	57-143	
sec-Butylbenzene	27.4	25.6	93	66-141	
tert-Butylbenzene	27.4	26.4	96	63-130	
4-Isopropyltoluene	27.4	25.3	92	60-148	

Column to be used to flag recovery and RPD values

FORM III TO 15 LL

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC
SDG No.: _____
Matrix: Air Level: Low Lab File ID: 7005X04.D
Lab ID: LCS 410-709300/5 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
n-Butane	11.9	9.82	83	70-130	

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FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Matrix: Air Level: Low

Lab File ID: 7006X05.D

Lab ID: LCS 410-709592/4

Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	27.3	26.6	97	70-130	
1,1,2,2-Tetrachloroethane	34.3	29.4	86	61-130	
1,1,2-Trichloroethane	27.3	25.5	94	70-130	
1,1-Dichloroethane	20.2	18.2	90	70-130	
1,1-Dichloroethene	19.8	19.5	98	70-131	
1,2,4-Trichlorobenzene	37.1	37.3	101	52-143	
1,2,4-Trimethylbenzene	24.6	23.5	96	65-146	
1,2-Dibromoethane	38.4	35.9	93	70-130	
1,2-Dichlorobenzene	30.1	28.4	95	61-139	
1,2-Dichloroethane	20.2	18.5	91	70-131	
1,2-Dichloropropane	23.1	19.8	86	70-130	
1,3,5-Trimethylbenzene	24.6	25.7	104	69-141	
1,3-Butadiene	11.1	9.51	86	70-131	
1,3-Dichlorobenzene	30.1	28.3	94	64-140	
1,4-Dichlorobenzene	30.1	28.4	95	64-137	
1,4-Dioxane	18.0	18.5	103	70-130	
Methyl Ethyl Ketone (2-Butanone)	14.7	13.8	94	70-130	
2-Chlorotoluene	25.9	24.9	96	70-130	
3-Chloropropene	15.7	13.0	83	70-137	
4-Ethyltoluene	24.6	24.7	101	69-139	
4-Methyl-2-pentanone (Methyl isobutyl ketone)	20.5	18.1	89	68-133	
Methyl Butyl Ketone (2-Hexanone)	20.5	17.9	87	57-141	
Acetone	11.9	10.1 J	85	70-137	
Benzene	16.0	14.3	89	70-130	
Bromodichloromethane	33.5	29.6	88	70-130	
Bromoethene (Vinyl Bromide)	21.9	20.3	93	70-130	
Bromoform	51.7	52.8	102	60-139	
Bromomethane	19.4	19.8	102	70-140	
Carbon disulfide	15.6	12.4	79	70-130	
Carbon tetrachloride	31.5	33.7	107	70-130	
Chlorobenzene	23.0	20.4	88	70-130	
Chlorodifluoromethane	17.7	18.1	102	70-132	
Chloroethane	13.2	12.0	91	70-131	
Benzyl chloride	25.9	24.1	93	57-142	
Chloroform	24.4	22.6	93	70-130	
Chloromethane	10.3	9.63	93	64-138	
cis-1,2-Dichloroethene	19.8	17.2	87	70-130	
cis-1,3-Dichloropropene	22.7	19.7	87	70-130	

Column to be used to flag recovery and RPD values

FORM III TO 15 LL

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Matrix: Air Level: Low

Lab File ID: 7006X05.D

Lab ID: LCS 410-709592/4

Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
Cyclohexane	17.2	15.5	90	61-130	
Dibromochloromethane	42.6	41.5	97	70-130	
Dichlorodifluoromethane	24.7	23.8	96	70-131	
Ethylbenzene	21.7	20.1	93	70-130	
1,1,2-Trichlorotrifluoroethane	38.3	41.1	107	70-130	
1,2-Dichlorotetrafluoroethane	35.0	37.0	106	70-130	
n-Heptane	20.5	18.9	92	70-130	
Hexachlorobutadiene	53.3	53.1	100	40-157	
n-Hexane	17.6	15.0	85	61-130	
2,2,4-Trimethylpentane	23.4	20.9	90	70-130	
Cumene	24.6	24.6	100	70-137	
Isopropyl alcohol	12.3	9.51 J	77	62-135	
m,p-Xylene	21.7	23.0	106	70-130	
Methyl methacrylate	20.5	18.3	89	70-130	
Methyl tert-butyl ether	18.0	17.6	98	70-130	
Methylene Chloride	17.4	16.9	97	70-130	
Naphthalene	30.4	24.1	79	22-139	
o-Xylene	21.7	20.6	95	70-130	
Styrene	21.3	20.5	96	70-133	
tert-Butyl alcohol	16.8	16.1	96	50-130	
Tetrachloroethene	33.9	31.8	94	70-140	
Tetrahydrofuran	14.7	11.6 J	78	54-143	
Toluene	18.8	16.9	90	70-130	
trans-1,2-Dichloroethene	19.8	16.9	85	70-130	
trans-1,3-Dichloropropene	22.7	22.3	98	70-130	
Trichloroethene	26.9	24.9	93	70-130	
Trichlorofluoromethane	28.1	28.9	103	70-130	
Vinyl chloride	12.8	12.9	101	70-135	
N-Propylbenzene	24.6	24.2	99	70-130	
n-Butylbenzene	27.4	24.3	88	57-143	
sec-Butylbenzene	27.4	26.3	96	66-141	
tert-Butylbenzene	27.4	27.3	100	63-130	
4-Isopropyltoluene	27.4	26.4	96	60-148	

Column to be used to flag recovery and RPD values

FORM III TO 15 LL

FORM III

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 7006X06.D

Lab ID: LCS 410-709592/5 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
n-Butane	11.9	9.45	80	70-130	

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# Column to be used to flag recovery and RPD values
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FORM III TO 15 LL

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Matrix: Air Level: Low

Lab File ID: 7007X03.D

Lab ID: LCS 410-710205/4

Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	27.3	27.4	101	70-130	
1,1,2,2-Tetrachloroethane	34.3	29.7	87	61-130	
1,1,2-Trichloroethane	27.3	26.3	96	70-130	
1,1-Dichloroethane	20.2	18.8	93	70-130	
1,1-Dichloroethene	19.8	21.0	106	70-131	
1,2,4-Trichlorobenzene	37.1	40.9	110	52-143	
1,2,4-Trimethylbenzene	24.6	24.5	100	65-146	
1,2-Dibromoethane	38.4	37.2	97	70-130	
1,2-Dichlorobenzene	30.1	29.3	97	61-139	
1,2-Dichloroethane	20.2	17.9	89	70-131	
1,2-Dichloropropane	23.1	20.1	87	70-130	
1,3,5-Trimethylbenzene	24.6	27.1	110	69-141	
1,3-Butadiene	11.1	11.0	100	70-131	
1,3-Dichlorobenzene	30.1	29.2	97	64-140	
1,4-Dichlorobenzene	30.1	29.4	98	64-137	
1,4-Dioxane	18.0	19.8	110	70-130	
Methyl Ethyl Ketone (2-Butanone)	14.7	15.2	103	70-130	
2-Chlorotoluene	25.9	25.9	100	70-130	
3-Chloropropene	15.7	13.9	89	70-137	
4-Ethyltoluene	24.6	25.2	103	69-139	
4-Methyl-2-pentanone (Methyl isobutyl ketone)	20.5	19.2	94	68-133	
Methyl Butyl Ketone (2-Hexanone)	20.5	19.4	95	57-141	
Acetone	11.9	10.8 J	91	70-137	
Benzene	16.0	14.9	93	70-130	
Bromodichloromethane	33.5	29.4	88	70-130	
Bromoethene (Vinyl Bromide)	21.9	21.8	100	70-130	
Bromoform	51.7	53.1	103	60-139	
Bromomethane	19.4	20.6	106	70-140	
Carbon disulfide	15.6	13.0	84	70-130	
Carbon tetrachloride	31.5	33.9	108	70-130	
Chlorobenzene	23.0	21.2	92	70-130	
Chlorodifluoromethane	17.7	15.1	85	70-132	
Chloroethane	13.2	12.8	97	70-131	
Benzyl chloride	25.9	25.5	99	57-142	
Chloroform	24.4	22.9	94	70-130	
Chloromethane	10.3	7.58	73	64-138	
cis-1,2-Dichloroethene	19.8	18.2	92	70-130	
cis-1,3-Dichloropropene	22.7	21.2	93	70-130	

Column to be used to flag recovery and RPD values

FORM III TO 15 LL

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Matrix: Air Level: Low

Lab File ID: 7007X03.D

Lab ID: LCS 410-710205/4

Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
Cyclohexane	17.2	17.1	99	61-130	
Dibromochloromethane	42.6	41.0	96	70-130	
Dichlorodifluoromethane	24.7	22.0	89	70-131	
Ethylbenzene	21.7	21.4	98	70-130	
1,1,2-Trichlorotrifluoroethane	38.3	42.7	112	70-130	
1,2-Dichlorotetrafluoroethane	35.0	35.4	101	70-130	
n-Heptane	20.5	20.5	100	70-130	
Hexachlorobutadiene	53.3	54.4	102	40-157	
n-Hexane	17.6	16.0	91	61-130	
2,2,4-Trimethylpentane	23.4	22.5	96	70-130	
Cumene	24.6	26.3	107	70-137	
Isopropyl alcohol	12.3	10.5 J	85	62-135	
m,p-Xylene	21.7	24.4	112	70-130	
Methyl methacrylate	20.5	20.0	98	70-130	
Methyl tert-butyl ether	18.0	19.4	108	70-130	
Methylene Chloride	17.4	18.2	105	70-130	
Naphthalene	30.4	27.1	89	22-139	
o-Xylene	21.7	22.0	102	70-130	
Styrene	21.3	21.5	101	70-133	
tert-Butyl alcohol	16.8	18.5	110	50-130	
Tetrachloroethene	33.9	33.1	97	70-140	
Tetrahydrofuran	14.7	12.8 J	87	54-143	
Toluene	18.8	18.3	97	70-130	
trans-1,2-Dichloroethene	19.8	17.8	90	70-130	
trans-1,3-Dichloropropene	22.7	22.6	100	70-130	
Trichloroethene	26.9	26.3	98	70-130	
Trichlorofluoromethane	28.1	28.6	102	70-130	
Vinyl chloride	12.8	13.0	101	70-135	
N-Propylbenzene	24.6	25.6	104	70-130	
n-Butylbenzene	27.4	26.0	95	57-143	
sec-Butylbenzene	27.4	27.9	101	66-141	
tert-Butylbenzene	27.4	31.0	113	63-130	
4-Isopropyltoluene	27.4	27.6	101	60-148	

Column to be used to flag recovery and RPD values

FORM III TO 15 LL

FORM III

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 7007X04.D

Lab ID: LCS 410-710205/5 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
n-Butane	11.9	9.97	84	70-130	

```
# Column to be used to flag recovery and RPD values
```

FORM III TO 15 LL

AIR - GC/MS VOA DUPLICATE SUMMARY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Matrix: Air

Level: Low

Lab File ID: 7005X08.D

Lab ID: 410-245119-A-1 DU

Client ID:

COMPOUND	SAMPLE CONCENTRATION (ug/m3)	DUPLICATE CONCENTRATION (ug/m3)	%RPD	%RPD LIMIT	#
1,1,1-Trichloroethane	1.1 U	1.1 U	NC	25	
1,1,2,2-Tetrachloroethane	1.4 U	1.4 U	NC	25	
1,1,2-Trichloroethane	1.1 U	1.1 U	NC	25	
1,1-Dichloroethane	0.81 U	0.81 U	NC	25	
1,1-Dichloroethene	0.20 U	0.20 U	NC	25	
1,2,4-Trichlorobenzene	3.7 U	3.7 U	NC	25	
1,2,4-Trimethylbenzene	0.98 U	0.98 U	NC	25	
1,2-Dibromoethane	1.5 U	1.5 U	NC	25	
1,2-Dichlorobenzene	1.2 U	1.2 U	NC	25	
1,2-Dichloroethane	0.81 U	0.81 U	NC	25	
1,2-Dichloropropane	0.92 U	0.92 U	NC	25	
1,3,5-Trimethylbenzene	0.98 U	0.98 U	NC	25	
1,3-Butadiene	0.44 U	0.44 U	NC	25	
1,3-Dichlorobenzene	1.2 U	1.2 U	NC	25	
1,4-Dichlorobenzene	1.2 U	1.2 U	NC	25	
1,4-Dioxane	18 U	18 U	NC	25	
Methyl Ethyl Ketone (2-Butanone)	1.5 U	1.5 U	NC	25	
2-Chlorotoluene	1.0 U	1.0 U	NC	25	
3-Chloropropene	1.6 U	1.6 U	NC	25	
4-Ethyltoluene	0.98 U	0.98 U	NC	25	
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1 U	2.1 U	NC	25	
Methyl Butyl Ketone (2-Hexanone)	2.1 U	2.1 U	NC	25	
Acetone	8.5 J	8.54 J	0.8	25	
Benzene	0.86	0.866	0.8	25	
Bromodichloromethane	1.3 U	1.3 U	NC	25	
Bromoethene (Vinyl Bromide)	0.88 U	0.88 U	NC	25	
Bromoform	2.1 U	2.1 U	NC	25	
Bromomethane	0.78 U	0.78 U	NC	25	
Carbon disulfide	1.6 U	1.6 U	NC	25	
Carbon tetrachloride	0.45	0.418	7	25	
Chlorobenzene	0.92 U	0.92 U	NC	25	
Chlorodifluoromethane	0.97 J	0.869 J	11	25	
Chloroethane	1.3 U	1.3 U	NC	25	
Benzyl chloride	1.0 U	1.0 U	NC	25	
Chloroform	0.98 U	0.98 U	NC	25	
Chloromethane	0.96 J	0.865 J	11	25	
cis-1,2-Dichloroethene	0.20 U	0.20 U	NC	25	
cis-1,3-Dichloropropene	0.91 U	0.91 U	NC	25	
Cyclohexane	0.47 J	0.453 J	3	25	

Column to be used to flag %RPD values

TO 15 LL

AIR - GC/MS VOA DUPLICATE SUMMARY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Matrix: Air

Level: Low

Lab File ID: 7005X08.D

Lab ID: 410-245119-A-1 DU

Client ID:

COMPOUND	SAMPLE CONCENTRATION (ug/m3)	DUPLICATE CONCENTRATION (ug/m3)	%RPD	%RPD LIMIT	#
Dibromochloromethane	1.7 U	1.7 U	NC	25	
Dichlorodifluoromethane	2.1 J	2.04 J	5	25	
Ethylbenzene	0.49 J	0.482 J	2	25	
1,1,2-Trichlorotrifluoroethane	1.5 U	1.5 U	NC	25	
1,2-Dichlorotetrafluoroethane	1.4 U	1.4 U	NC	25	
n-Heptane	0.82 U	0.82 U	NC	25	
Hexachlorobutadiene	2.1 U	2.1 U	NC	25	
n-Hexane	0.45 J	0.409 J	8	25	
2,2,4-Trimethylpentane	0.53 J	0.535 J	1	25	
Cumene	0.98 U	0.98 U	NC	25	
Isopropyl alcohol	17	15.3	9	25	
m,p-Xylene	0.78 J	0.760 J	3	25	
Methyl methacrylate	2.1 U	2.1 U	NC	25	
Methyl tert-butyl ether	0.72 U	0.72 U	NC	25	
Methylene Chloride	1.7 U	1.7 U	NC	25	
Naphthalene	2.0 U	2.0 U	NC	25	
o-Xylene	0.87 U	0.87 U	NC	25	
Styrene	0.85 U	0.85 U	NC	25	
tert-Butyl alcohol	15 U	15 U	NC	25	
Tetrachloroethene	1.4 U	1.4 U	NC	25	
Tetrahydrofuran	15 U	15 U	NC	25	
Toluene	1.3	1.26	0.2	25	
trans-1,2-Dichloroethene	0.79 U	0.79 U	NC	25	
trans-1,3-Dichloropropene	0.91 U	0.91 U	NC	25	
Trichloroethene	0.20 U	0.20 U	NC	25	
Trichlorofluoromethane	1.1	1.17	4	25	
Vinyl chloride	0.20 U	0.20 U	NC	25	
N-Propylbenzene	0.98 U	0.98 U	NC	25	
n-Butylbenzene	1.1 U	1.1 U	NC	25	
sec-Butylbenzene	1.1 U	1.1 U	NC	25	
tert-Butylbenzene	1.1 U	1.1 U	NC	25	
4-Isopropyltoluene	1.1 U	1.1 U	NC	25	
n-Butane	3.5	3.55	0.4	25	

Column to be used to flag %RPD values

TO 15 LL

AIR - GC/MS VOA DUPLICATE SUMMARY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Matrix: Air

Level: Low

Lab File ID: 7006X31.D

Lab ID: 460-336011-A-7 DU

Client ID:

COMPOUND	SAMPLE CONCENTRATION (ug/m3)	DUPLICATE CONCENTRATION (ug/m3)	%RPD	%RPD LIMIT	#
1,1,1-Trichloroethane	1.0 J	0.824 J	23	25	
1,1,2,2-Tetrachloroethane	1.4 U	1.4 U	NC	25	
1,1,2-Trichloroethane	1.1 U	1.1 U	NC	25	
1,1-Dichloroethane	0.81 U	0.81 U	NC	25	
1,1-Dichloroethene	0.20 U	0.20 U	NC	25	
1,2,4-Trichlorobenzene	3.7 U	3.7 U	NC	25	
1,2,4-Trimethylbenzene	21	19.3	6	25	
1,2-Dibromoethane	1.5 U	1.5 U	NC	25	
1,2-Dichlorobenzene	1.2 U	1.2 U	NC	25	
1,2-Dichloroethane	0.81 U	0.81 U	NC	25	
1,2-Dichloropropane	0.92 U	0.92 U	NC	25	
1,3,5-Trimethylbenzene	5.7	5.30	7	25	
1,3-Butadiene	0.22 J	0.198 J	12	25	
1,3-Dichlorobenzene	1.2 U	1.2 U	NC	25	
1,4-Dichlorobenzene	1.2 U	1.2 U	NC	25	
1,4-Dioxane	6.6 J	7.24 J	9	25	
Methyl Ethyl Ketone (2-Butanone)	7.3	7.39	1	25	
2-Chlorotoluene	1.0 U	1.0 U	NC	25	
3-Chloropropene	1.6 U	1.6 U	NC	25	
4-Ethyltoluene	0.98 U	0.98 U	NC	25	
4-Methyl-2-pentanone (Methyl isobutyl ketone)	7.3	7.34	0.3	25	
Methyl Butyl Ketone (2-Hexanone)	22	9.28	80	25	F3
Acetone	96	90.4	6	25	
Benzene	2.1	2.03	4	25	
Bromodichloromethane	1.3 U	1.3 U	NC	25	
Bromoethene (Vinyl Bromide)	0.88 U	0.88 U	NC	25	
Bromoform	2.1 U	2.1 U	NC	25	
Bromomethane	0.78 U	0.78 U	NC	25	
Carbon disulfide	7.4	7.12	4	25	
Carbon tetrachloride	2.3	2.20	5	25	
Chlorobenzene	0.92 U	0.92 U	NC	25	
Chlorodifluoromethane	1.8 U	1.8 U	NC	25	
Chloroethane	1.3 U	1.3 U	NC	25	
Benzyl chloride	1.0 U	1.0 U	NC	25	
Chloroform	6.8	6.03	12	25	
Chloromethane	0.38 J	1.0 U	NC	25	
cis-1,2-Dichloroethene	0.20 U	0.20 U	NC	25	
cis-1,3-Dichloropropene	0.91 U	0.91 U	NC	25	
Cyclohexane	4.9	4.56	8	25	

Column to be used to flag %RPD values

TO 15 LL

AIR - GC/MS VOA DUPLICATE SUMMARY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Matrix: Air

Level: Low

Lab File ID: 7006X31.D

Lab ID: 460-336011-A-7 DU

Client ID:

COMPOUND	SAMPLE CONCENTRATION (ug/m3)	DUPLICATE CONCENTRATION (ug/m3)	%RPD	%RPD LIMIT	#
Dibromochloromethane	1.7 U	1.7 U	NC	25	
Dichlorodifluoromethane	2.9	2.89	2	25	
Ethylbenzene	8.3	8.04	3	25	
1,1,2-Trichlorotrifluoroethane	1.5 U	1.5 U	NC	25	
1,2-Dichlorotetrafluoroethane	1.4 U	1.4 U	NC	25	
n-Heptane	6.4	5.91	7	25	
Hexachlorobutadiene	2.1 U	2.1 U	NC	25	
n-Hexane	4.3	3.87	11	25	
2,2,4-Trimethylpentane	4.6	4.53	1	25	
Cumene	0.98 U	0.98 U	NC	25	
Isopropyl alcohol	8.2 J	9.54 J	16	25	
m,p-Xylene	35	34.4	1	25	
Methyl methacrylate	2.1 U	2.1 U	NC	25	
Methyl tert-butyl ether	0.72 U	0.72 U	NC	25	
Methylene Chloride	1.7 U	1.7 U	NC	25	
Naphthalene	2.9	2.71	5	25	
o-Xylene	16	15.1	3	25	
Styrene	16	15.5	2	25	
tert-Butyl alcohol	28	30.7	9	25	
Tetrachloroethene	32	30.8	5	25	
Tetrahydrofuran	15 U	15 U	NC	25	
Toluene	90	89.4	0.4	25	
trans-1,2-Dichloroethene	0.79 U	0.79 U	NC	25	
trans-1,3-Dichloropropene	0.91 U	0.91 U	NC	25	
Trichloroethene	0.52	0.20 U	NC	25	
Trichlorofluoromethane	2.4	2.35	3	25	
Vinyl chloride	0.20 U	0.20 U	NC	25	
N-Propylbenzene	0.98 U	0.98 U	NC	25	
n-Butylbenzene	1.1 U	1.1 U	NC	25	
sec-Butylbenzene	1.1 U	1.1 U	NC	25	
tert-Butylbenzene	1.1 U	1.1 U	NC	25	
4-Isopropyltoluene	1.1 U	1.1 U	NC	25	
n-Butane	7.4	6.67	10	25	

Column to be used to flag %RPD values

TO 15 LL

AIR - GC/MS VOA DUPLICATE SUMMARY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Matrix: Air

Level: Low

Lab File ID: 7007X09.D

Lab ID: 410-243767-A-1 DU

Client ID:

COMPOUND	SAMPLE CONCENTRATION (ug/m3)	DUPLICATE CONCENTRATION (ug/m3)	%RPD	%RPD LIMIT	#
1,1,1-Trichloroethane	1.1 U	1.1 U	NC	25	
1,1,2,2-Tetrachloroethane	1.4 U	1.4 U	NC	25	
1,1,2-Trichloroethane	1.1 U	1.1 U	NC	25	
1,1-Dichloroethane	0.81 U	0.81 U	NC	25	
1,1-Dichloroethene	0.20 U	0.20 U	NC	25	
1,2,4-Trichlorobenzene	3.7 U	3.7 U	NC	25	
1,2,4-Trimethylbenzene	0.83 J	0.721 J	14	25	
1,2-Dibromoethane	1.5 U	1.5 U	NC	25	
1,2-Dichlorobenzene	1.2 U	1.2 U	NC	25	
1,2-Dichloroethane	0.81 U	0.81 U	NC	25	
1,2-Dichloropropane	0.92 U	0.92 U	NC	25	
1,3,5-Trimethylbenzene	1.0	0.942 J	7	25	
1,3-Butadiene	0.44 U	0.44 U	NC	25	
1,3-Dichlorobenzene	1.2 U	1.2 U	NC	25	
1,4-Dichlorobenzene	1.2 U	1.2 U	NC	25	
1,4-Dioxane	18 U	18 U	NC	25	
Methyl Ethyl Ketone (2-Butanone)	1.8	1.75	2	25	
2-Chlorotoluene	1.0 U	1.0 U	NC	25	
3-Chloropropene	1.6 U	1.6 U	NC	25	
4-Ethyltoluene	0.98 U	0.98 U	NC	25	
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1 U	2.1 U	NC	25	
Methyl Butyl Ketone (2-Hexanone)	2.1 U	2.1 U	NC	25	
Acetone	13	13.4	0.1	25	
Benzene	1.1	1.05	8	25	
Bromodichloromethane	1.3 U	1.3 U	NC	25	
Bromoethene (Vinyl Bromide)	0.88 U	0.88 U	NC	25	
Bromoform	2.1 U	2.1 U	NC	25	
Bromomethane	0.78 U	0.78 U	NC	25	
Carbon disulfide	0.90 J	0.965 J	7	25	
Carbon tetrachloride	0.47	0.502	7	25	
Chlorobenzene	0.92 U	0.92 U	NC	25	
Chlorodifluoromethane	0.79 J	0.845 J	7	25	
Chloroethane	1.3 U	1.3 U	NC	25	
Benzyl chloride	1.0 U	1.0 U	NC	25	
Chloroform	0.98 U	0.98 U	NC	25	
Chloromethane	1.1	0.841 J	30	25	F5
cis-1,2-Dichloroethene	0.20 U	0.20 U	NC	25	
cis-1,3-Dichloropropene	0.91 U	0.91 U	NC	25	
Cyclohexane	8.5	8.11	4	25	

Column to be used to flag %RPD values

TO 15 LL

AIR - GC/MS VOA DUPLICATE SUMMARY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Matrix: Air

Level: Low

Lab File ID: 7007X09.D

Lab ID: 410-243767-A-1 DU

Client ID:

COMPOUND	SAMPLE CONCENTRATION (ug/m3)	DUPLICATE CONCENTRATION (ug/m3)	%RPD	%RPD LIMIT	#
Dibromochloromethane	1.7 U	1.7 U	NC	25	
Dichlorodifluoromethane	2.2 J	2.21 J	1	25	
Ethylbenzene	1.1	1.01	7	25	
1,1,2-Trichlorotrifluoroethane	1.5 U	1.5 U	NC	25	
1,2-Dichlorotetrafluoroethane	1.4 U	1.4 U	NC	25	
n-Heptane	8.0	7.80	2	25	
Hexachlorobutadiene	2.1 U	2.1 U	NC	25	
n-Hexane	13	13.2	2	25	
2,2,4-Trimethylpentane	8.6	8.40	3	25	
Cumene	0.98 U	0.98 U	NC	25	
Isopropyl alcohol	18	16.0	10	25	
m,p-Xylene	2.5	2.35	6	25	
Methyl methacrylate	2.1 U	2.1 U	NC	25	
Methyl tert-butyl ether	0.72 U	0.72 U	NC	25	
Methylene Chloride	1.7 U	1.7 U	NC	25	
Naphthalene	2.0 U	2.0 U	NC	25	
o-Xylene	0.66 J	0.588 J	12	25	
Styrene	0.85 U	0.85 U	NC	25	
tert-Butyl alcohol	15 U	15 U	NC	25	
Tetrachloroethene	1.4 U	1.4 U	NC	25	
Tetrahydrofuran	15 U	15 U	NC	25	
Toluene	0.96	0.921	4	25	
trans-1,2-Dichloroethene	0.79 U	0.79 U	NC	25	
trans-1,3-Dichloropropene	0.91 U	0.91 U	NC	25	
Trichloroethene	1.8	1.84	5	25	
Trichlorofluoromethane	1.2	1.17	2	25	
Vinyl chloride	0.20 U	0.20 U	NC	25	
N-Propylbenzene	0.98 U	0.98 U	NC	25	
n-Butylbenzene	1.1 U	1.1 U	NC	25	
sec-Butylbenzene	1.2	1.1 U	NC	25	
tert-Butylbenzene	1.1 U	1.1 U	NC	25	
4-Isopropyltoluene	1.1 U	1.1 U	NC	25	
n-Butane	3.2	2.17	38	25	F5

Column to be used to flag %RPD values

TO 15 LL

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Lab File ID: 7005X06.D

Lab Sample ID: MB 410-709300/7

Matrix: Air

Heated Purge: (Y/N) N

Instrument ID: HP8R004

Date Analyzed: 10/05/2025 17:40

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 410-709300/4	7005X03.D	10/05/2025 16:12
	LCS 410-709300/5	7005X04.D	10/05/2025 16:40
	410-245119-A-1 DU	7005X08.D	10/05/2025 19:12
SV-01_20250929	460-336014-1	7005X29.D	10/06/2025 06:23

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Lab File ID: 7006X08.D

Lab Sample ID: MB 410-709592/7

Matrix: Air

Heated Purge: (Y/N) N

Instrument ID: HP8R004

Date Analyzed: 10/06/2025 16:08

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 410-709592/4	7006X05.D	10/06/2025 14:42
	LCS 410-709592/5	7006X06.D	10/06/2025 15:09
AA-01_20250929	460-336014-2	7006X16.D	10/06/2025 21:01
	460-336011-A-7 DU	7006X31.D	10/07/2025 08:16
SV-03_20250930	460-336049-1	7006X37.D	10/07/2025 11:10
SV-04_20250930	460-336049-2	7006X38.D	10/07/2025 11:46

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
 Environment Testing, LLC

SDG No.: _____

Lab File ID: 7007X06.D Lab Sample ID: MB 410-710205/7

Matrix: Air Heated Purge: (Y/N) N

Instrument ID: HP8R004 Date Analyzed: 10/07/2025 16:09

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 410-710205/4	7007X03.D	10/07/2025 14:35
	LCS 410-710205/5	7007X04.D	10/07/2025 15:06
SV-04_20250930 DL	460-336049-2 DL	7007X07.D	10/07/2025 17:03
	410-243767-A-1 DU	7007X09.D	10/07/2025 18:25

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Lab File ID: 7S07T01.D BFB Injection Date: 09/07/2025

Instrument ID: HP8R004 BFB Injection Time: 22:04

Analysis Batch No.: 695447

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	20.9	
75	30.0 - 66.0% of mass 95	50.8	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.9	
173	Less than 2.0% of mass 174	0.0	(0.0) 1
174	50.0 - 120.0% of mass 95	69.5	
175	4.0 - 9.0 % of mass 174	5.5	(8.0) 1
176	93.0 - 101.0% of mass 174	67.1	(96.6) 1
177	5.0 - 9.0% of mass 176	4.2	(6.3) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 410-695447/3	7S07X03.D	09/07/2025	22:59
	IC 410-695447/4	7S07X04.D	09/07/2025	23:25
	IC 410-695447/5	7S07X05.D	09/07/2025	23:52
	IC 410-695447/6	7S07X06.D	09/08/2025	0:19
	IC 410-695447/7	7S07X07.D	09/08/2025	0:45
	ICISAV 410-695447/8	7S07X08.D	09/08/2025	1:12
	IC 410-695447/9	7S07X09.D	09/08/2025	1:42
	IC 410-695447/10	7S07X10.D	09/08/2025	2:10
	IC 410-695447/11	7S07X11.D	09/08/2025	2:41
	ICV 410-695447/17	7S07X17.D	09/08/2025	5:37
	ICV 410-695447/18	7S07X18.D	09/08/2025	6:05

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Lab File ID: 7O05T01.D BFB Injection Date: 10/05/2025

Instrument ID: HP8R004 BFB Injection Time: 14:24

Analysis Batch No.: 709300

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	18.7
75	30.0 - 66.0% of mass 95	49.1
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 120.0% of mass 95	74.1
175	4.0 - 9.0 % of mass 174	5.6 (7.6) 1
176	93.0 - 101.0% of mass 174	71.2 (96.2) 1
177	5.0 - 9.0% of mass 176	4.7 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 410-709300/3	7O05X02.D	10/05/2025	15:22
	LCS 410-709300/4	7O05X03.D	10/05/2025	16:12
	LCS 410-709300/5	7O05X04.D	10/05/2025	16:40
	MB 410-709300/7	7O05X06.D	10/05/2025	17:40
	410-245119-A-1 DU	7O05X08.D	10/05/2025	19:12
SV-01_20250929	460-336014-1	7O05X29.D	10/06/2025	6:23

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Lab File ID: 7006T01.D BFB Injection Date: 10/06/2025

Instrument ID: HP8R004 BFB Injection Time: 11:57

Analysis Batch No.: 709592

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	18.8
75	30.0 - 66.0% of mass 95	48.3
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 120.0% of mass 95	74.3
175	4.0 - 9.0 % of mass 174	5.9 (8.0) 1
176	93.0 - 101.0% of mass 174	72.2 (97.1) 1
177	5.0 - 9.0% of mass 176	4.6 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 410-709592/3	7006X02.D	10/06/2025	12:53
	LCS 410-709592/4	7006X05.D	10/06/2025	14:42
	LCS 410-709592/5	7006X06.D	10/06/2025	15:09
	MB 410-709592/7	7006X08.D	10/06/2025	16:08
AA-01_20250929	460-336014-2	7006X16.D	10/06/2025	21:01
	460-336011-A-7 DU	7006X31.D	10/07/2025	8:16
SV-03_20250930	460-336049-1	7006X37.D	10/07/2025	11:10
SV-04_20250930	460-336049-2	7006X38.D	10/07/2025	11:46

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Lab File ID: 7007T01.D BFB Injection Date: 10/07/2025

Instrument ID: HP8R004 BFB Injection Time: 13:03

Analysis Batch No.: 710205

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	18.5
75	30.0 - 66.0% of mass 95	48.3
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 120.0% of mass 95	74.8
175	4.0 - 9.0 % of mass 174	5.7 (7.7) 1
176	93.0 - 101.0% of mass 174	72.5 (96.9) 1
177	5.0 - 9.0% of mass 176	4.8 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 410-710205/3	7007X02.D	10/07/2025	14:05
	LCS 410-710205/4	7007X03.D	10/07/2025	14:35
	LCS 410-710205/5	7007X04.D	10/07/2025	15:06
	MB 410-710205/7	7007X06.D	10/07/2025	16:09
SV-04_20250930 DL	460-336049-2 DL	7007X07.D	10/07/2025	17:03
	410-243767-A-1 DU	7007X09.D	10/07/2025	18:25

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Instrument ID: HP8R004 Calibration Start Date: 09/07/2025 22:59

GC Column: Rtx-VMS 60m ID: 0.25 (mm) Calibration End Date: 09/08/2025 02:41

Calibration ID: 76556

		CBM		DFBZ		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MEAN AREA AND MEAN RT		344432	9.61	1298709	11.22	1198969	14.46
UPPER LIMIT		482205	9.91	1818193	11.51	1678557	14.76
LOWER LIMIT		206659	9.31	779225	10.91	719381	14.16
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-695447/17		352798	9.62	1347261	11.22	1228404	14.47
ICV 410-695447/18		350852	9.62	1291316	11.23	1212616	14.47
CCVIS 410-709300/3		372235	9.62	1433836	11.22	1297001	14.47
CCVIS 410-709592/3		303544	9.62	1107529	11.22	1028638	14.47
CCVIS 410-710205/3		363075	9.62	1373668	11.22	1249378	14.46

CBM = Bromochloromethane (IS)
DFBZ = 1,4-Difluorobenzene
CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.3 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
 Environment Testing, LLC

SDG No.:

Sample No.: CCVIS 410-709300/3 Date Analyzed: 10/05/2025 15:22

Instrument ID: HP8R004 GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Lab File ID (Standard): 7005X02.D Heated Purge: (Y/N) N

Calibration ID: 76556

		CBM		DFBZ		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		372235	9.62	1433836	11.22	1297001	14.47
UPPER LIMIT		521129	9.92	2007370	11.52	1815801	14.77
LOWER LIMIT		223341	9.32	860302	10.92	778201	14.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-709300/4		376162	9.62	1435664	11.21	1301756	14.47
LCS 410-709300/5		368837	9.62	1379641	11.22	1268462	14.47
MB 410-709300/7		360766	9.62	1326080	11.23	1230234	14.47
410-245119-A-1 DU		356286	9.62	1302165	11.22	1207058	14.47
460-336014-1	SV-01_20250929	316783	9.62	1144198	11.22	1078748	14.46

CBM = Bromochloromethane (IS)
 DFBZ = 1,4-Difluorobenzene
 CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.3 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
 Environment Testing, LLC

SDG No.:

Sample No.: CCVIS 410-709592/3 Date Analyzed: 10/06/2025 12:53

Instrument ID: HP8R004 GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Lab File ID (Standard): 7006X02.D Heated Purge: (Y/N) N

Calibration ID: 76556

		CBM		DFBZ		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		303544	9.62	1107529	11.22	1028638	14.47
UPPER LIMIT		424962	9.92	1550541	11.52	1440093	14.77
LOWER LIMIT		182126	9.32	664517	10.92	617183	14.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-709592/4		301494	9.62	1130333	11.22	1026602	14.46
LCS 410-709592/5		292676	9.62	1036738	11.22	1007058	14.47
MB 410-709592/7		296110	9.62	1038354	11.23	982297	14.47
460-336014-2	AA-01_20250929	288530	9.62	993648	11.22	972551	14.47
460-336011-A-7 DU		347729	9.62	1366939	11.22	1252556	14.47
460-336049-1	SV-03_20250930	354995	9.62	1366392	11.22	1326818	14.47
460-336049-2	SV-04_20250930	384171	9.62	1468623	11.22	1336849	14.47

CBM = Bromochloromethane (IS)
 DFBZ = 1,4-Difluorobenzene
 CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.3 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
 Environment Testing, LLC

SDG No.:

Sample No.: CCVIS 410-710205/3 Date Analyzed: 10/07/2025 14:05

Instrument ID: HP8R004 GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Lab File ID (Standard): 7007X02.D Heated Purge: (Y/N) N

Calibration ID: 76556

		CBM		DFBZ		CBZd5		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD		363075	9.62	1373668	11.22	1249378	14.46	
UPPER LIMIT		508305	9.92	1923135	11.52	1749129	14.76	
LOWER LIMIT		217845	9.32	824201	10.92	749627	14.16	
LAB SAMPLE ID		CLIENT SAMPLE ID						
LCS 410-710205/4		355524	9.62	1363098	11.22	1236451	14.46	
LCS 410-710205/5		353736	9.62	1319558	11.22	1214397	14.47	
MB 410-710205/7		343171	9.62	1243209	11.23	1158970	14.47	
460-336049-2 DL		SV-04_20250930 DL	326915	9.62	1253898	11.22	1144791	14.47
410-243767-A-1 DU			337245	9.62	1258256	11.21	1149722	14.47

CBM = Bromochloromethane (IS)
 DFBZ = 1,4-Difluorobenzene
 CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.3 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: SV-01_20250929 Lab Sample ID: 460-336014-1

Matrix: Air Lab File ID: 7005X29.D

Analysis Method: TO 15 LL Date Collected: 09/29/2025 12:30

Sample wt/vol: 200 (mL) Date Analyzed: 10/06/2025 06:23

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709300 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.38
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
541-73-1	1,3-Dichlorobenzene	147.00	0.61	J	1.2	0.45
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
123-91-1	1,4-Dioxane	88.11	18	U	18	0.17
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	4.9		1.5	1.5
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.6		2.1	0.53
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.75	J	2.1	0.62
67-64-1	Acetone	58.08	49		12	3.8
71-43-2	Benzene	78.11	1.6		0.64	0.14
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.88	U	0.88	0.22
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-15-0	Carbon disulfide	76.14	0.97	J	1.6	0.41

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: SV-01_20250929 Lab Sample ID: 460-336014-1

Matrix: Air Lab File ID: 7005X29.D

Analysis Method: TO 15 LL Date Collected: 09/29/2025 12:30

Sample wt/vol: 200 (mL) Date Analyzed: 10/06/2025 06:23

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709300 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.41		0.22	0.14
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
75-45-6	Chlorodifluoromethane	86.47	1.2	J	1.8	0.42
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.48
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
67-66-3	Chloroform	119.38	0.64	J	0.98	0.20
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.31
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
110-82-7	Cyclohexane	84.16	0.53	J	0.69	0.11
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.13
75-71-8	Dichlorodifluoromethane	120.91	2.1	J	2.5	0.54
100-41-4	Ethylbenzene	106.17	4.8		0.87	0.23
76-13-1	1,1,2-Trichlorotrifluoro ethane	187.38	1.5	U	1.5	0.41
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
142-82-5	n-Heptane	100.21	0.57	J	0.82	0.23
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
110-54-3	n-Hexane	86.17	0.46	J	1.8	0.39
540-84-1	2,2,4-Trimethylpentane	114.23	0.47	J	0.93	0.18
98-82-8	Cumene	120.19	0.50	J	0.98	0.20
67-63-0	Isopropyl alcohol	60.10	12	U	12	3.9
179601-23-1	m,p-Xylene	106.17	14		2.2	0.41
80-62-6	Methyl methacrylate	100.12	2.1	U	2.1	0.57
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
91-20-3	Naphthalene	128.17	2.0	U	2.0	1.6
95-47-6	o-Xylene	106.17	3.3		0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-65-0	tert-Butyl alcohol	74.12	9.0	J	15	3.6
127-18-4	Tetrachloroethene	165.83	11		1.4	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: SV-01_20250929 Lab Sample ID: 460-336014-1

Matrix: Air Lab File ID: 7005X29.D

Analysis Method: TO 15 LL Date Collected: 09/29/2025 12:30

Sample wt/vol: 200 (mL) Date Analyzed: 10/06/2025 06:23

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709300 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
108-88-3	Toluene	92.14	4.2		0.75	0.16
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.13
75-69-4	Trichlorofluoromethane	137.37	2.7		1.1	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
103-65-1	N-Propylbenzene	120.19	0.98	U	0.98	0.23
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.34
106-97-8	n-Butane	58.12	1.2	U	1.2	0.48

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: SV-01_20250929 Lab Sample ID: 460-336014-1

Matrix: Air Lab File ID: 7005X29.D

Analysis Method: TO 15 LL Date Collected: 09/29/2025 12:30

Sample wt/vol: 200 (mL) Date Analyzed: 10/06/2025 06:23

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709300 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
75-35-4	1,1-Dichloroethene	96.94	0.050	U	0.050	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.051
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
541-73-1	1,3-Dichlorobenzene	147.00	0.10	J	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.047
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.7		0.50	0.49
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.63		0.50	0.13
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.18	J	0.50	0.15
67-64-1	Acetone	58.08	21		5.0	1.6
71-43-2	Benzene	78.11	0.50		0.20	0.044
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-15-0	Carbon disulfide	76.14	0.31	J	0.50	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: SV-01_20250929 Lab Sample ID: 460-336014-1

Matrix: Air Lab File ID: 7005X29.D

Analysis Method: TO 15 LL Date Collected: 09/29/2025 12:30

Sample wt/vol: 200 (mL) Date Analyzed: 10/06/2025 06:23

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709300 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.065		0.035	0.022
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
75-45-6	Chlorodifluoromethane	86.47	0.33	J	0.50	0.12
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
67-66-3	Chloroform	119.38	0.13	J	0.20	0.041
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.15
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
110-82-7	Cyclohexane	84.16	0.15	J	0.20	0.032
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.015
75-71-8	Dichlorodifluoromethane	120.91	0.43	J	0.50	0.11
100-41-4	Ethylbenzene	106.17	1.1		0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoro ethane	187.38	0.20	U	0.20	0.053
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
142-82-5	n-Heptane	100.21	0.14	J	0.20	0.055
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
110-54-3	n-Hexane	86.17	0.13	J	0.50	0.11
540-84-1	2,2,4-Trimethylpentane	114.23	0.10	J	0.20	0.038
98-82-8	Cumene	120.19	0.10	J	0.20	0.041
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	1.6
179601-23-1	m,p-Xylene	106.17	3.2		0.50	0.095
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
91-20-3	Naphthalene	128.17	0.38	U	0.38	0.30
95-47-6	o-Xylene	106.17	0.75		0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-65-0	tert-Butyl alcohol	74.12	3.0	J	5.0	1.2
127-18-4	Tetrachloroethene	165.83	1.6		0.20	0.021

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: SV-01_20250929 Lab Sample ID: 460-336014-1

Matrix: Air Lab File ID: 7005X29.D

Analysis Method: TO 15 LL Date Collected: 09/29/2025 12:30

Sample wt/vol: 200 (mL) Date Analyzed: 10/06/2025 06:23

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709300 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
108-88-3	Toluene	92.14	1.1		0.20	0.042
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-01-6	Trichloroethene	131.39	0.037	U	0.037	0.025
75-69-4	Trichlorofluoromethane	137.37	0.48		0.20	0.050
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
103-65-1	N-Propylbenzene	120.19	0.20	U	0.20	0.047
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061
106-97-8	n-Butane	58.12	0.50	U	0.50	0.20

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D
 Lims ID: 460-336014-A-1
 Client ID: SV-01_20250929
 Sample Type: Client
 Inject. Date: 06-Oct-2025 06:23:40 ALS Bottle#: 25 Worklist Smp#: 30
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 460-336014-A-1
 Misc. Info.: 410-0162026-030
 Operator ID: AL109694 Instrument ID: HP8R004
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 06-Oct-2025 09:07:00 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1612

First Level Reviewer: D7UM

Date: 06-Oct-2025 08:12:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.397	3.376	0.021	86	30973	0.4280	
3 Chlorodifluoromethane	51	3.433	3.411	0.022	53	13672	0.3337	
5 Chloromethane	50	3.798	3.770	0.028	57	3512	0.1355	
12 Trichlorofluoromethane	101	5.424	5.410	0.014	81	31817	0.4826	
23 Acetone	43	6.384	6.377	0.007	99	972143	20.7	
20 Isopropyl alcohol	45	6.606	6.592	0.014	68	51753	1.49	
17 Carbon disulfide	76	6.771	6.757	0.014	99	29420	0.3118	
27 2-Methyl-2-propanol	59	7.301	7.294	0.007	95	86126	2.98	
25 Hexane	56	8.118	8.110	0.008	49	3185	0.1302	
43 2-Butanone (MEK)	72	9.185	9.185	0.000	99	22377	1.67	
* 35 Chlorobromomethane (IS)	130	9.622	9.615	0.007	94	316783	10.0	
41 Tetrahydrofuran	42	9.651	9.643	0.008	39	8889	0.2295	M
37 Chloroform	83	9.758	9.758	0.000	80	8500	0.1311	
36 Cyclohexane	56	10.202	10.195	0.007	57	6983	0.1545	
40 Carbon tetrachloride	117	10.310	10.310	0.000	62	3456	0.0653	7M
46 Benzene	78	10.603	10.596	0.007	61	45800	0.4951	
44 Isooctane	57	10.775	10.782	-0.007	61	14395	0.1017	
45 n-Heptane	71	11.026	11.026	0.000	41	3898	0.1393	
* 50 1,4-Difluorobenzene	114	11.219	11.219	0.000	95	1144198	10.0	
60 4-Methyl-2-pentanone (MIBK)	43	12.874	12.874	0.000	94	44710	0.6275	
59 Toluene	91	13.132	13.132	0.000	92	123373	1.11	
61 Tetrachloroethene	166	13.669	13.669	0.000	94	76707	1.60	
67 2-Hexanone	43	13.719	13.726	-0.007	78	12428	0.1837	
* 68 Chlorobenzene-d5 (IS)	117	14.464	14.471	-0.007	89	1078748	10.0	
70 Ethylbenzene	91	14.557	14.564	-0.007	91	148924	1.11	
72 m-Xylene & p-Xylene	91	14.665	14.672	-0.007	96	318546	3.20	
73 o-Xylene	91	14.987	14.987	0.000	96	74620	0.7544	
76 Isopropylbenzene	105	15.274	15.274	0.000	59	12565	0.1014	7M
89 1,3-Dichlorobenzene	146	16.226	16.233	-0.007	72	7084	0.1020	

\$ 110 BFB

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

AIRIS200 ppb_00532

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 06-Oct-2025 09:07:42

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25 Worklist Smp#: 30

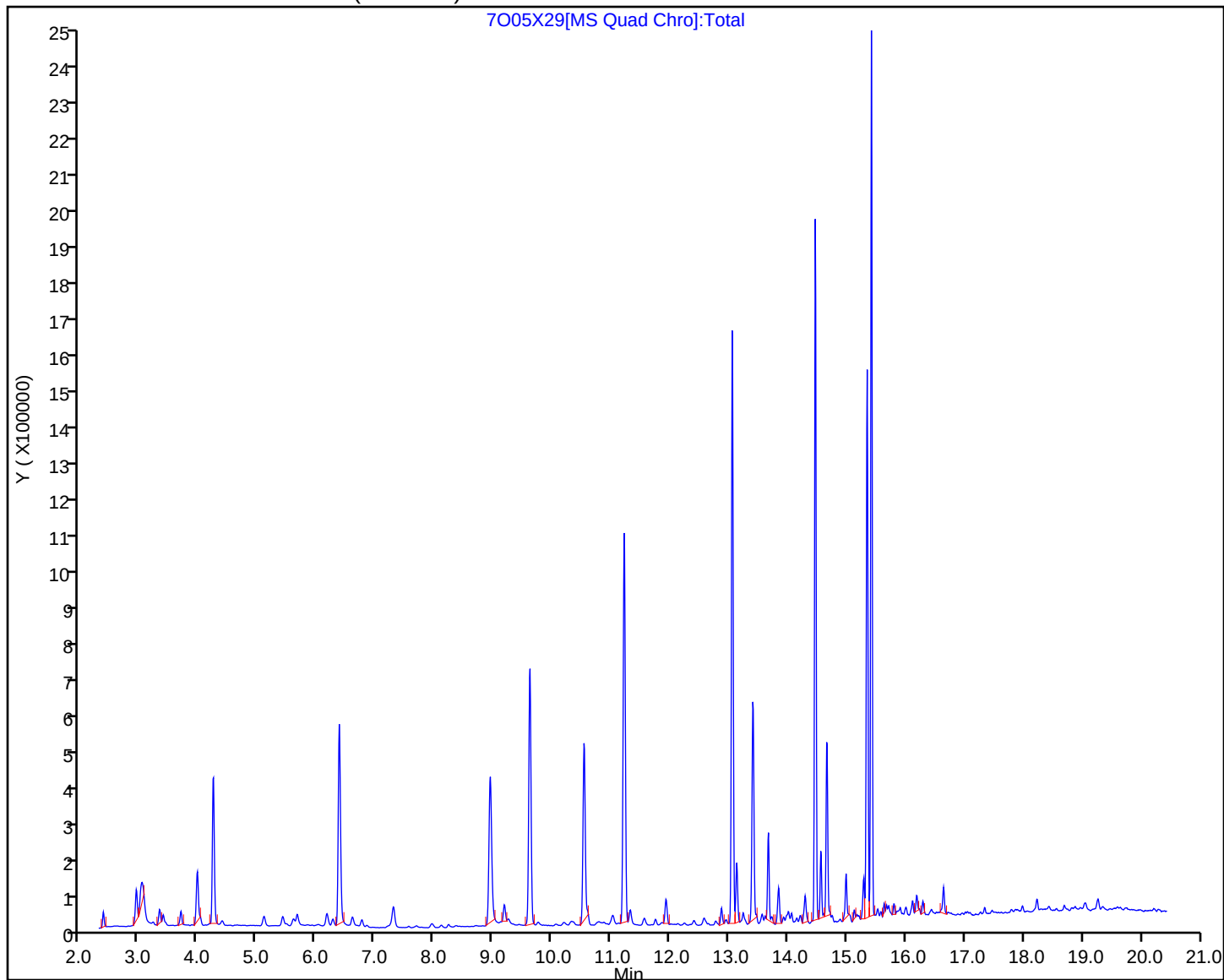
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

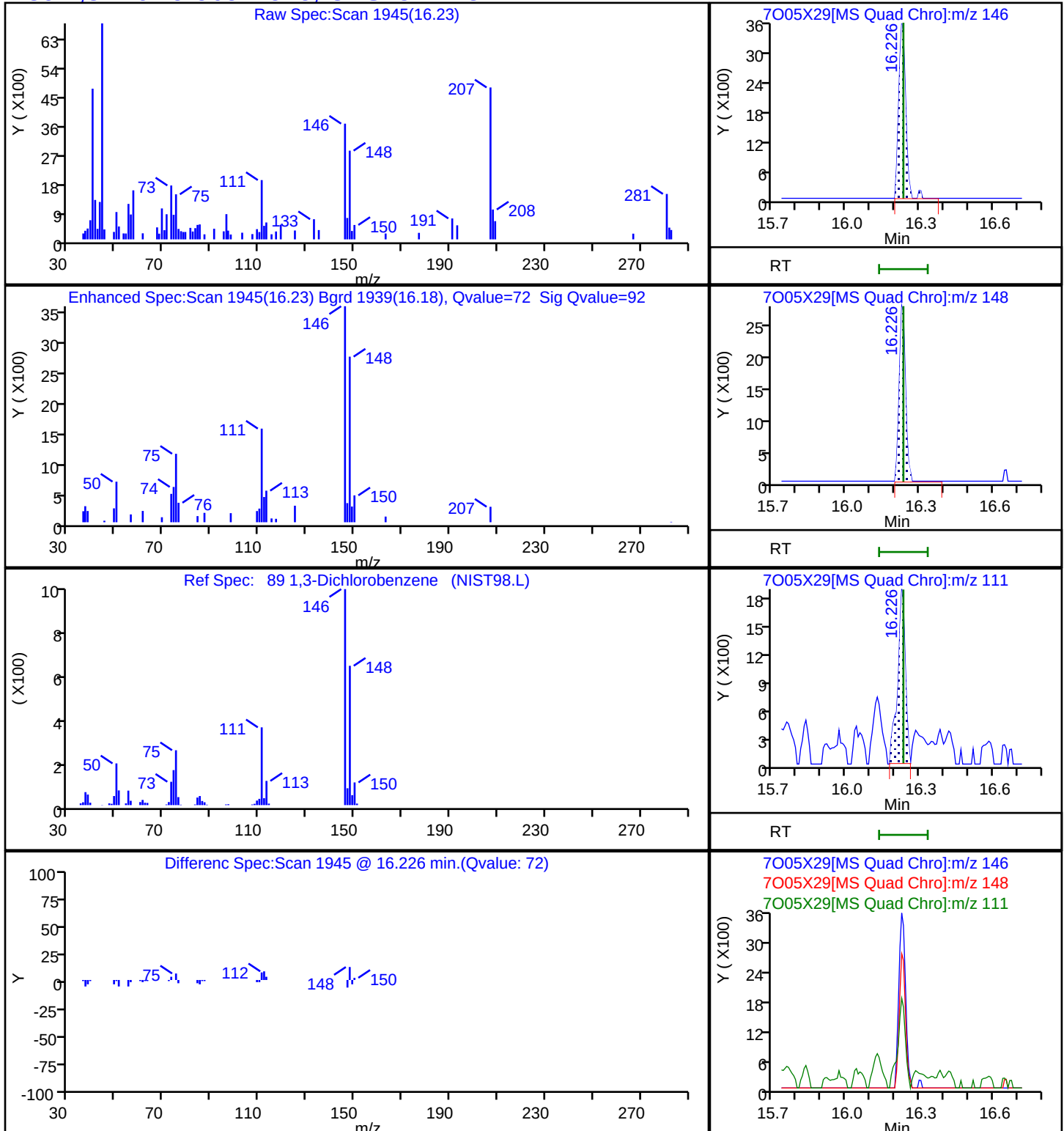
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

89 1,3-Dichlorobenzene, CAS: 541-73-1

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

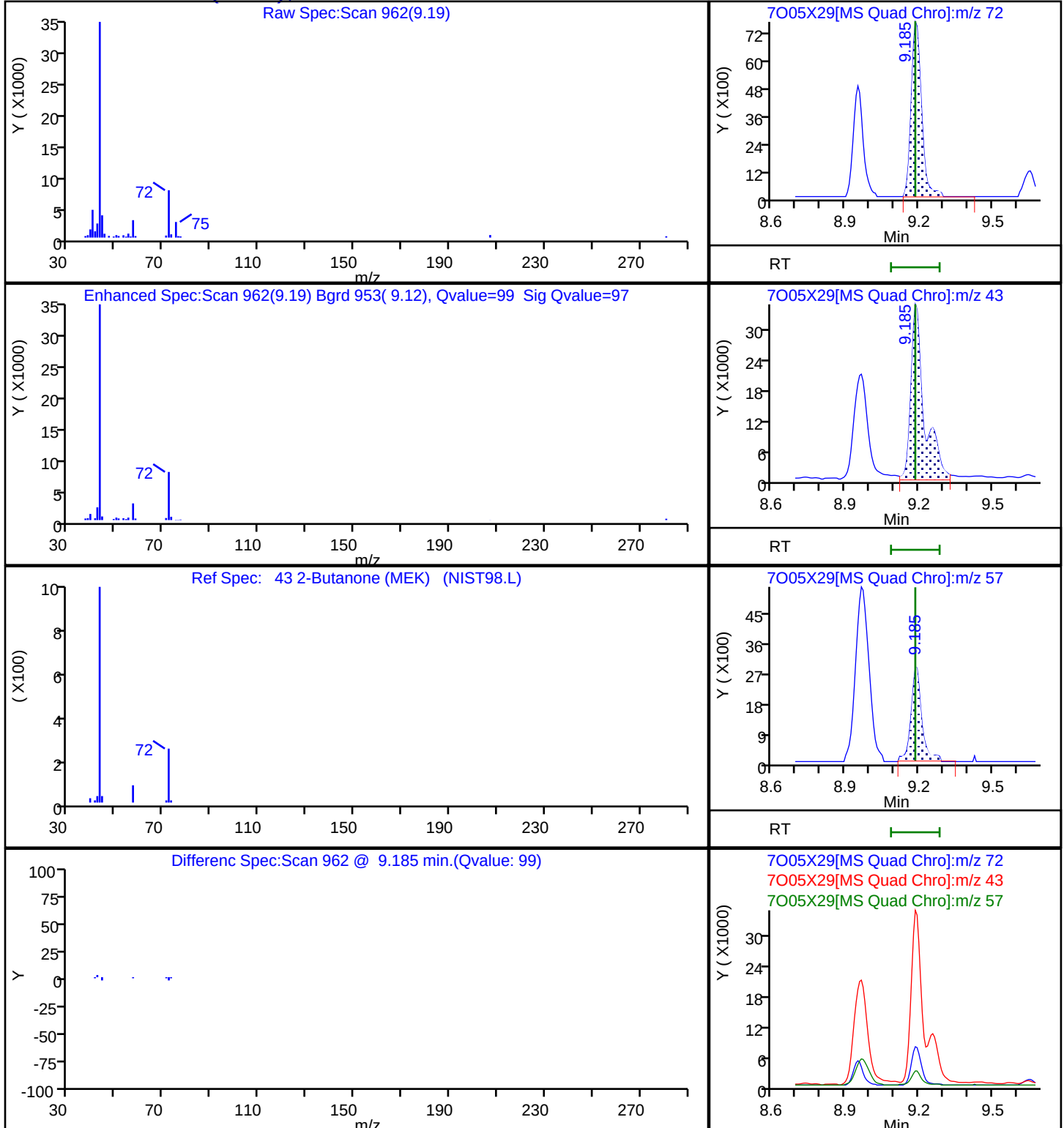
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

43 2-Butanone (MEK), CAS: 78-93-3

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

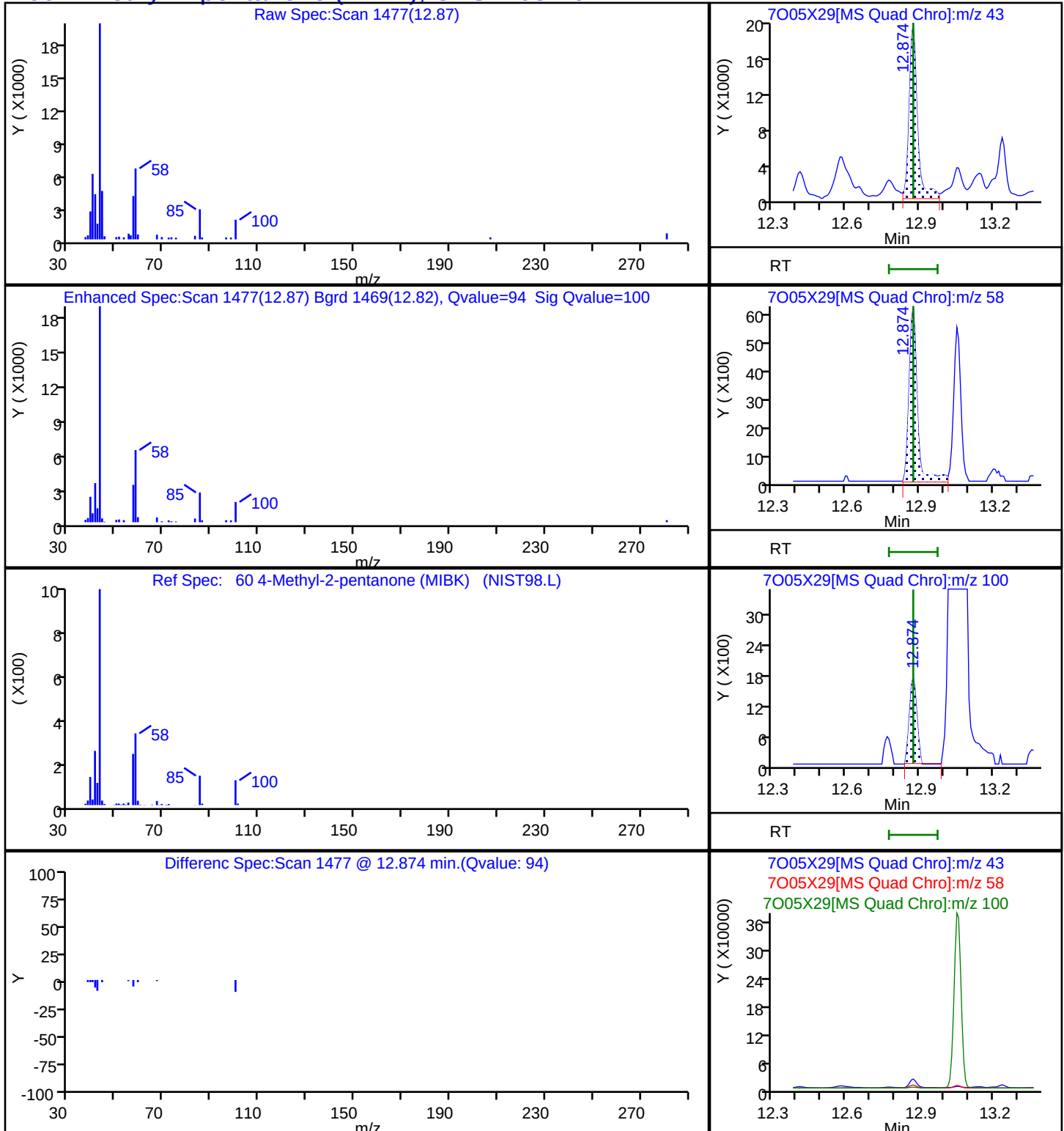
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

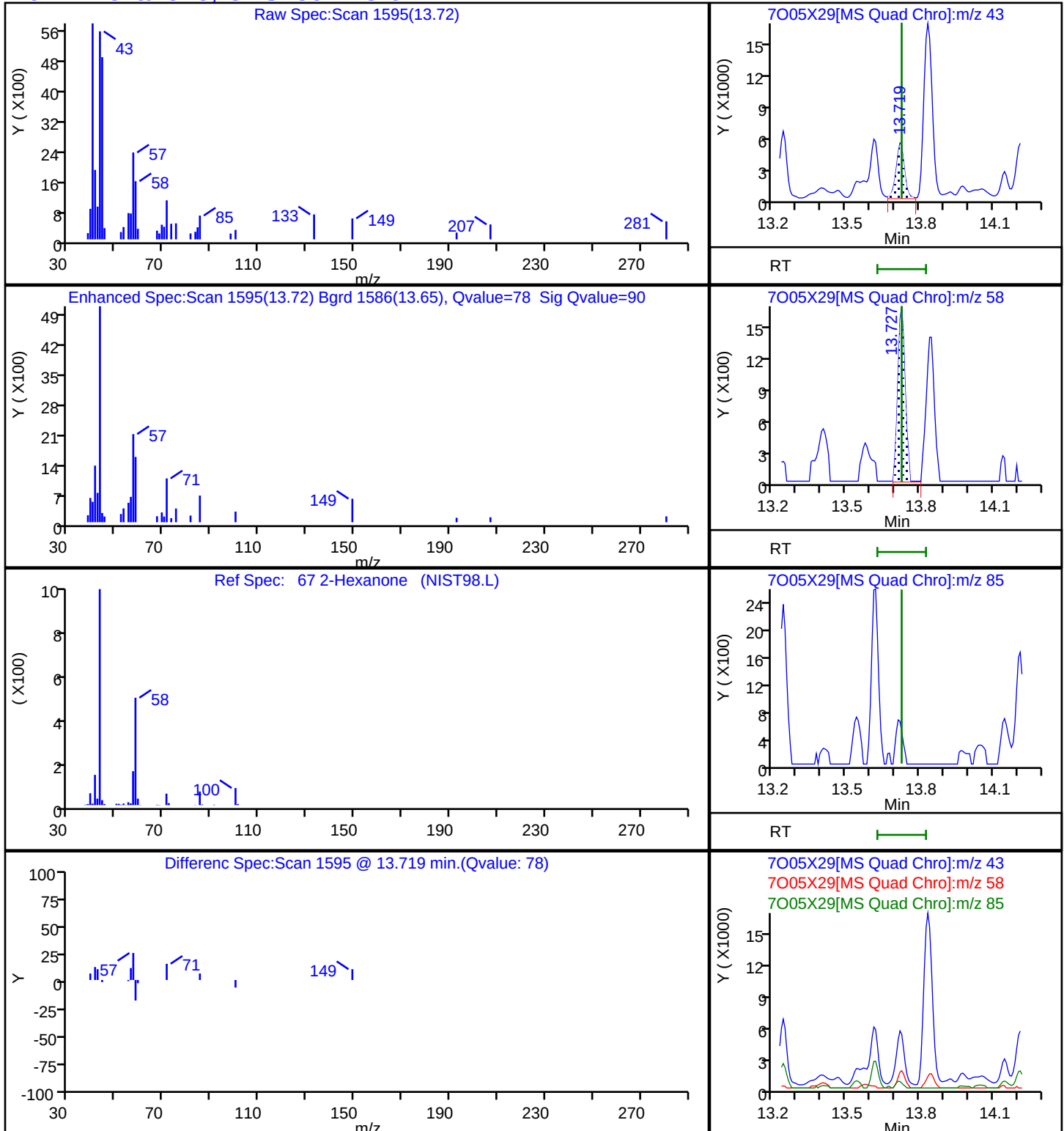
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Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

67 2-Hexanone, CAS: 591-78-6

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

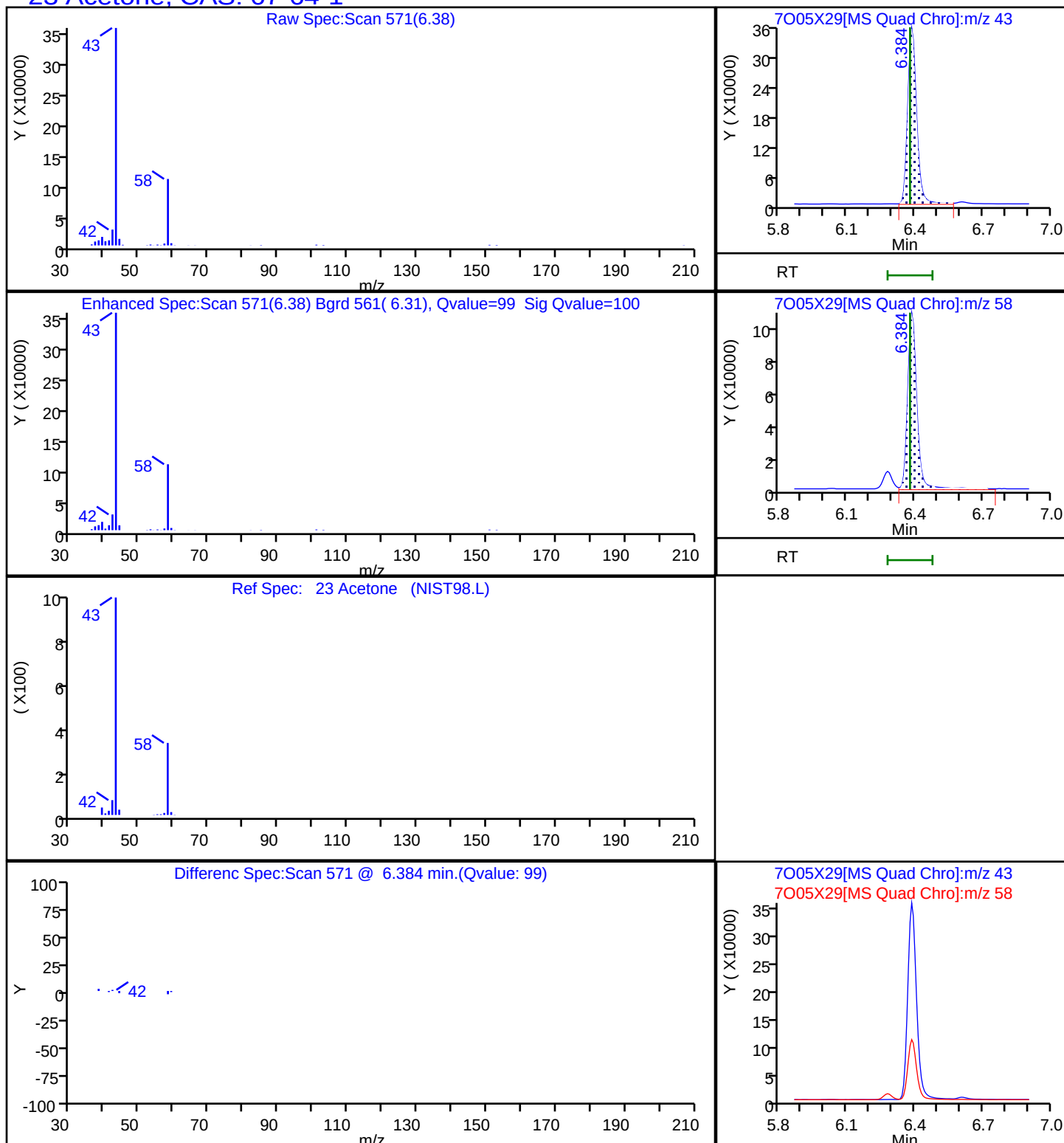
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

23 Acetone, CAS: 67-64-1

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

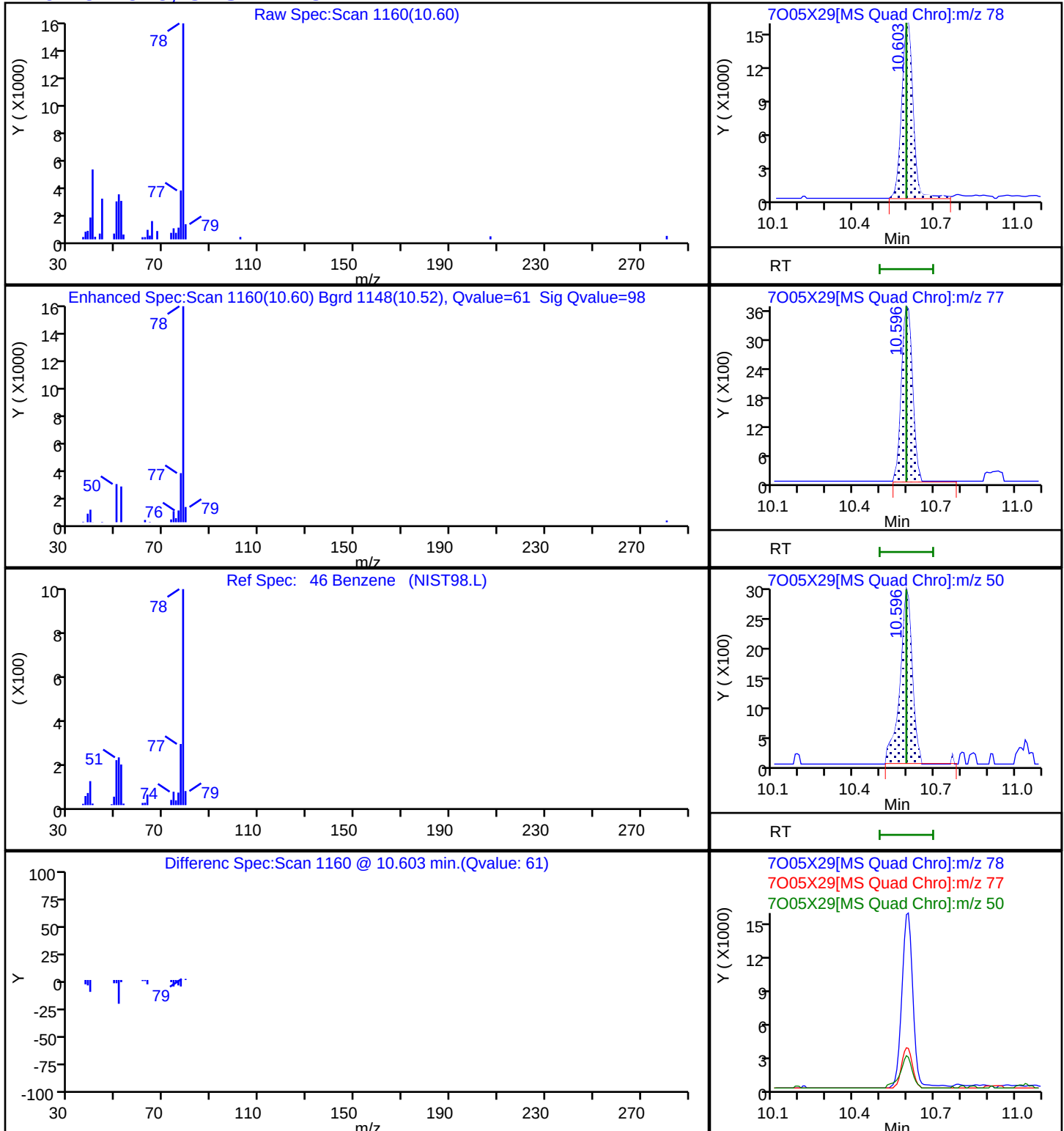
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

46 Benzene, CAS: 71-43-2

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

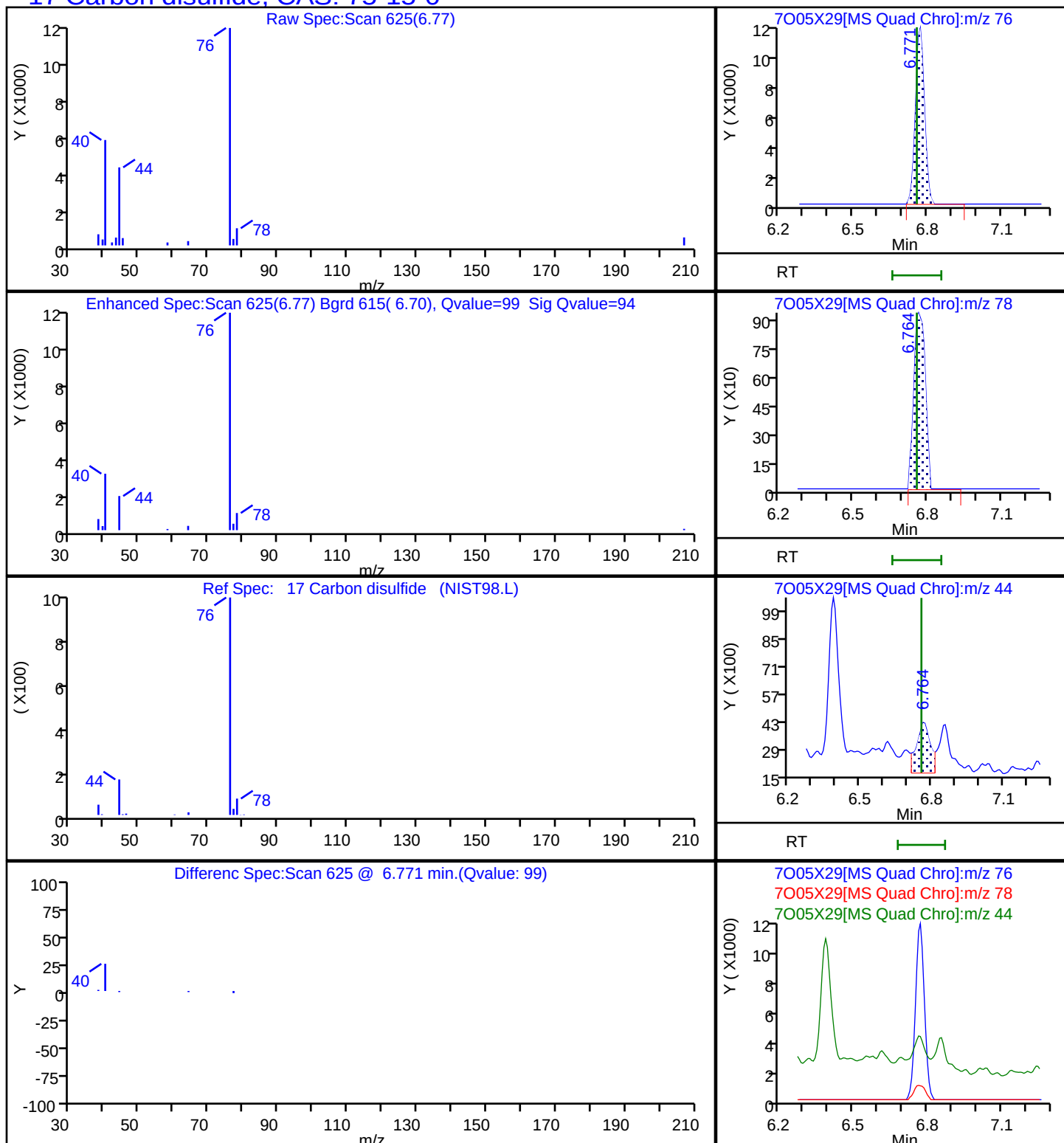
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

17 Carbon disulfide, CAS: 75-15-0

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

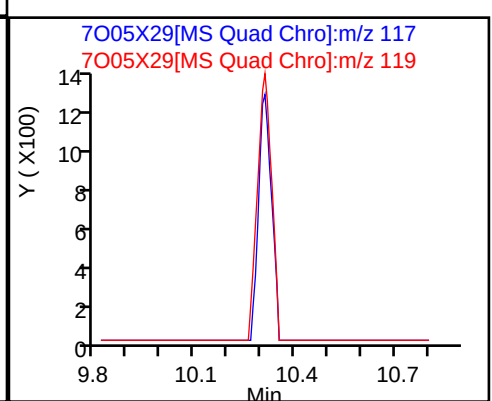
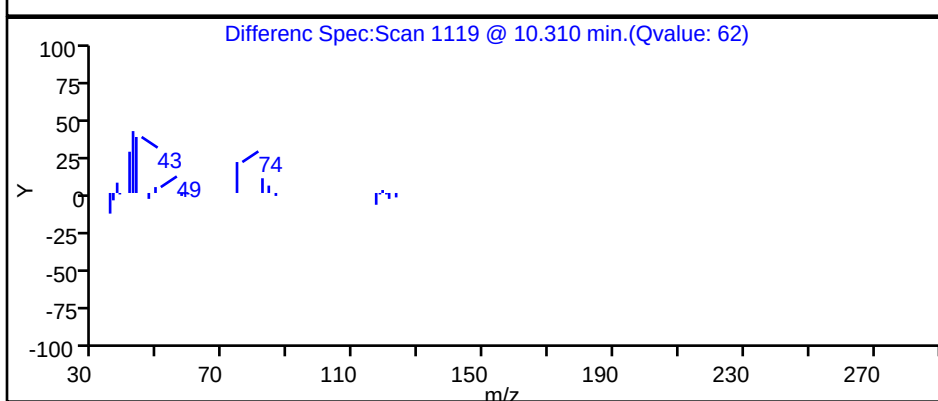
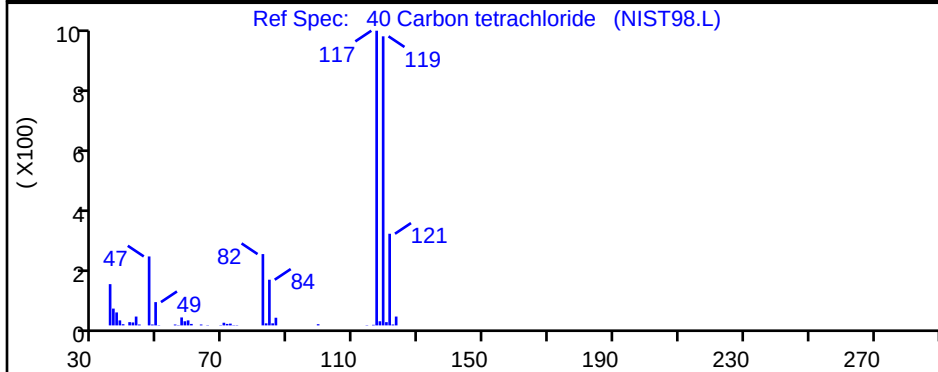
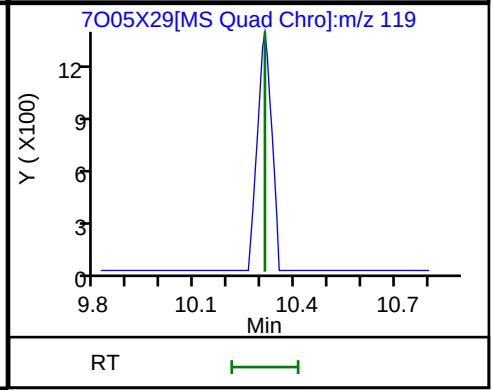
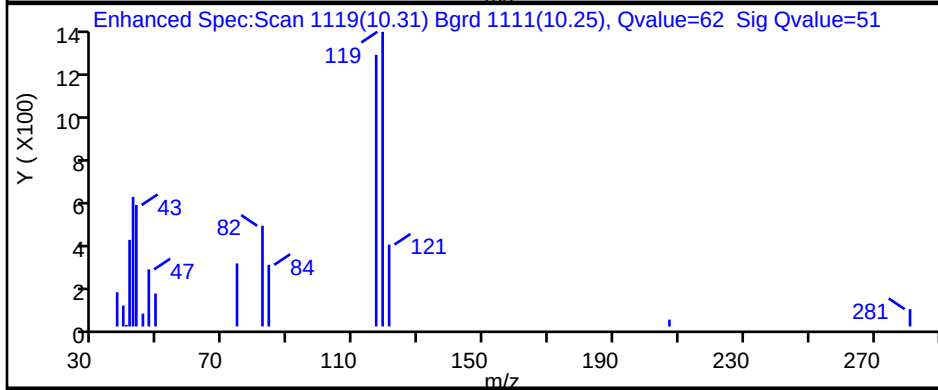
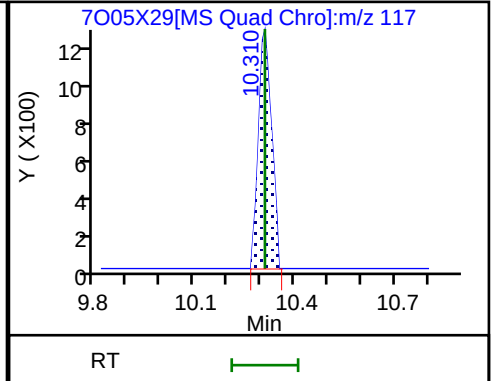
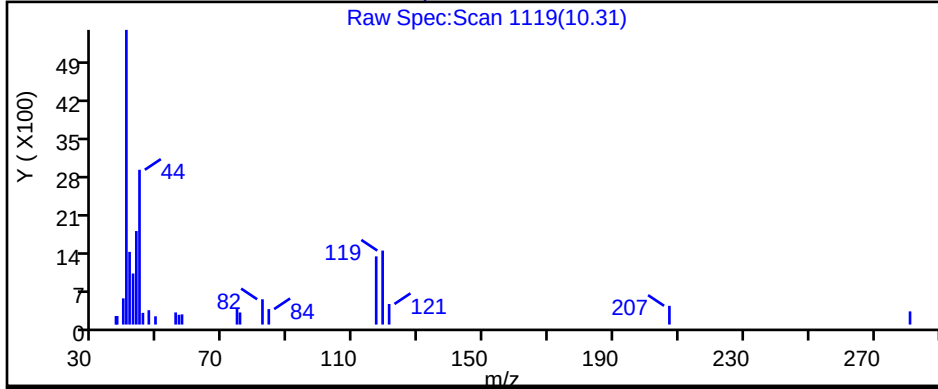
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

40 Carbon tetrachloride, CAS: 56-23-5

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

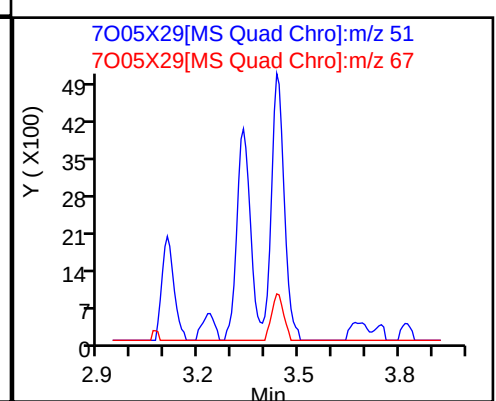
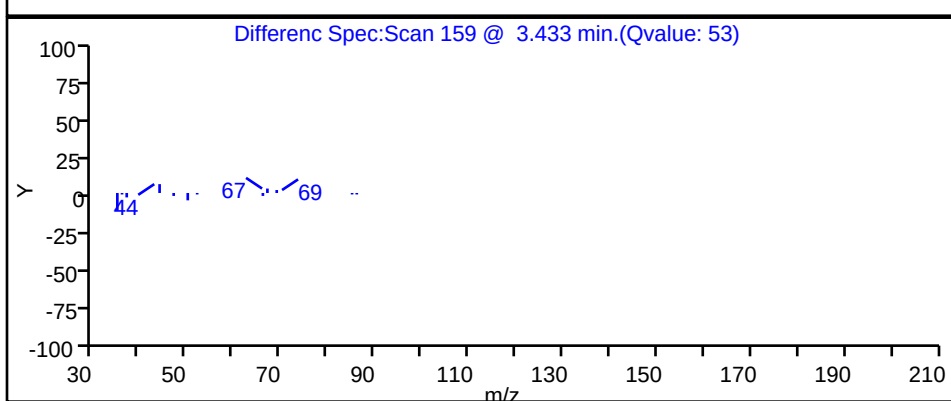
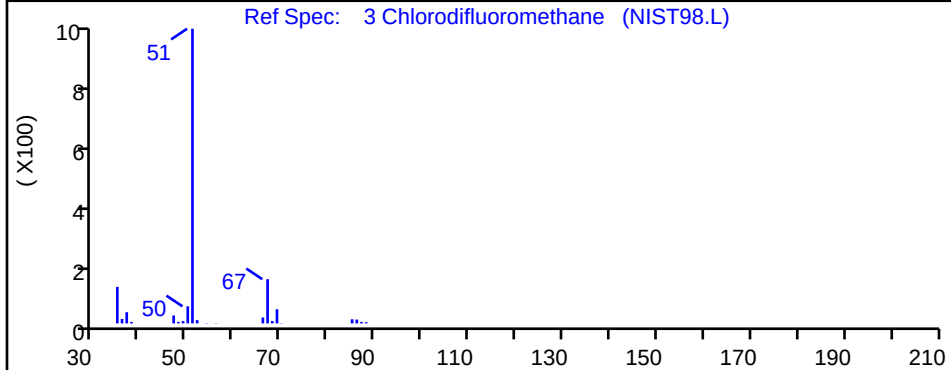
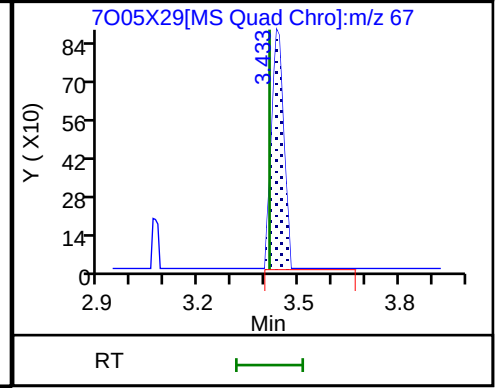
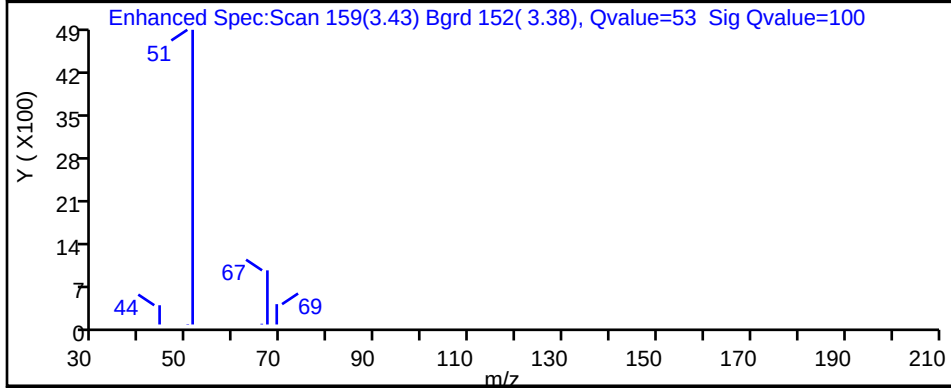
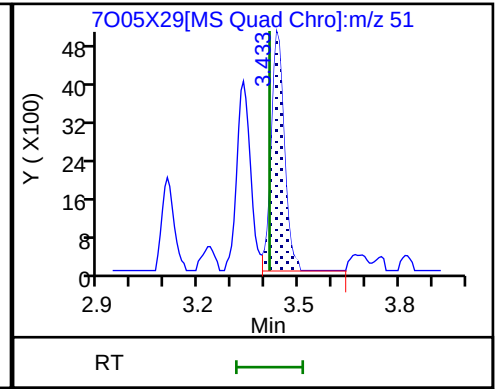
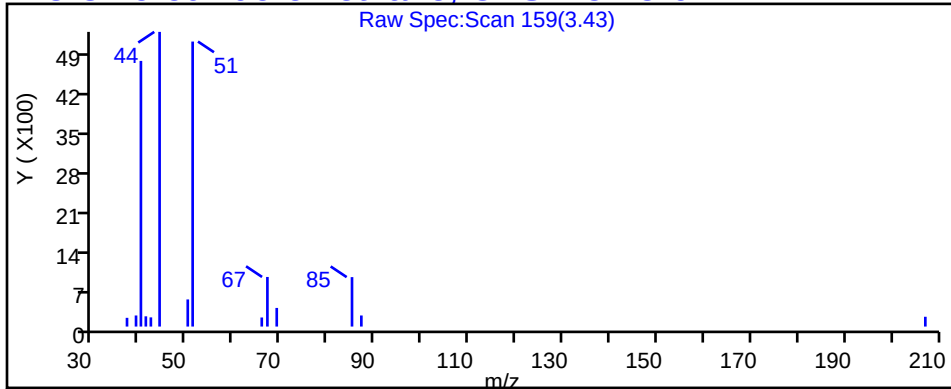
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

3 Chlorodifluoromethane, CAS: 75-45-6

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

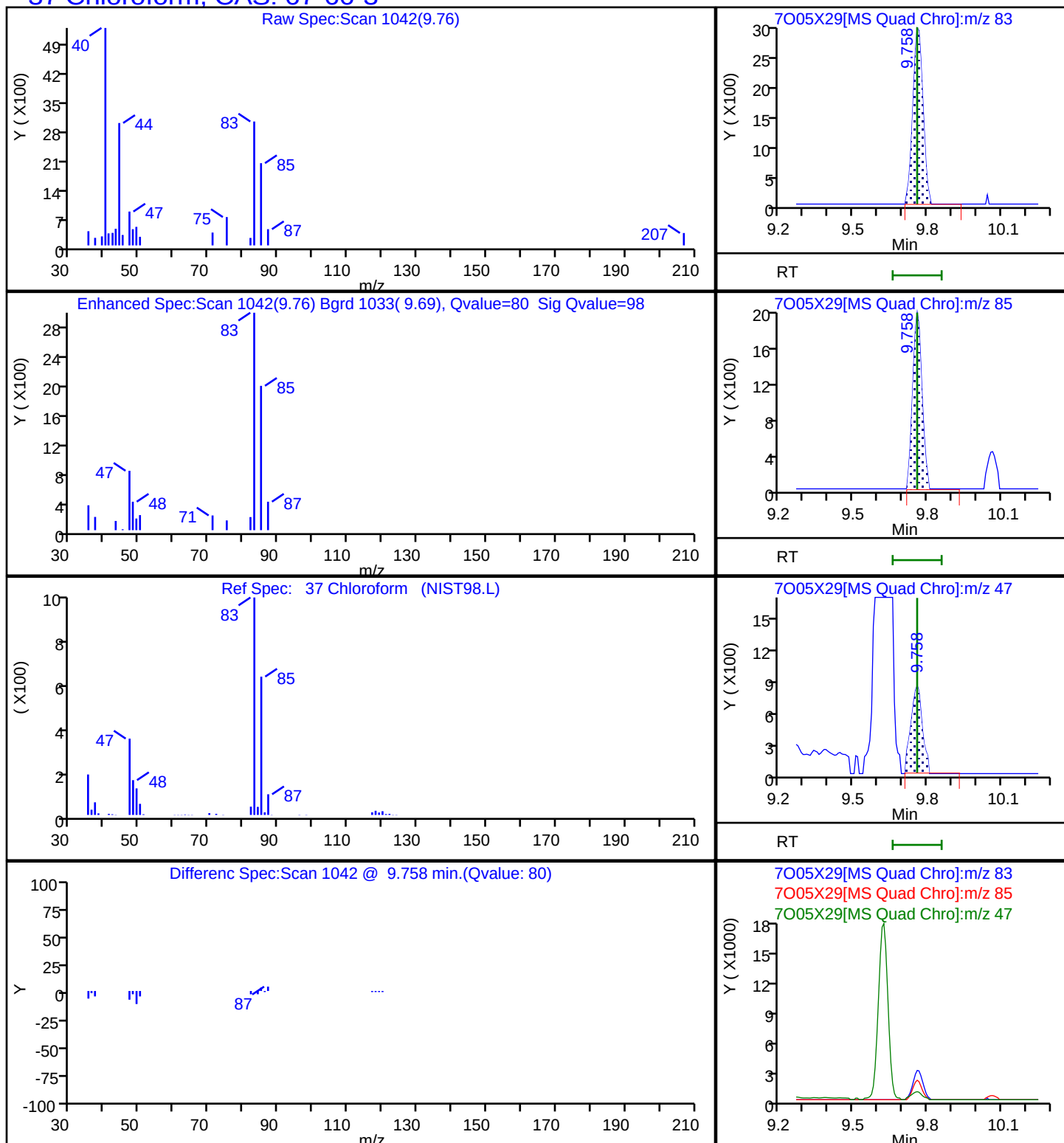
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

37 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

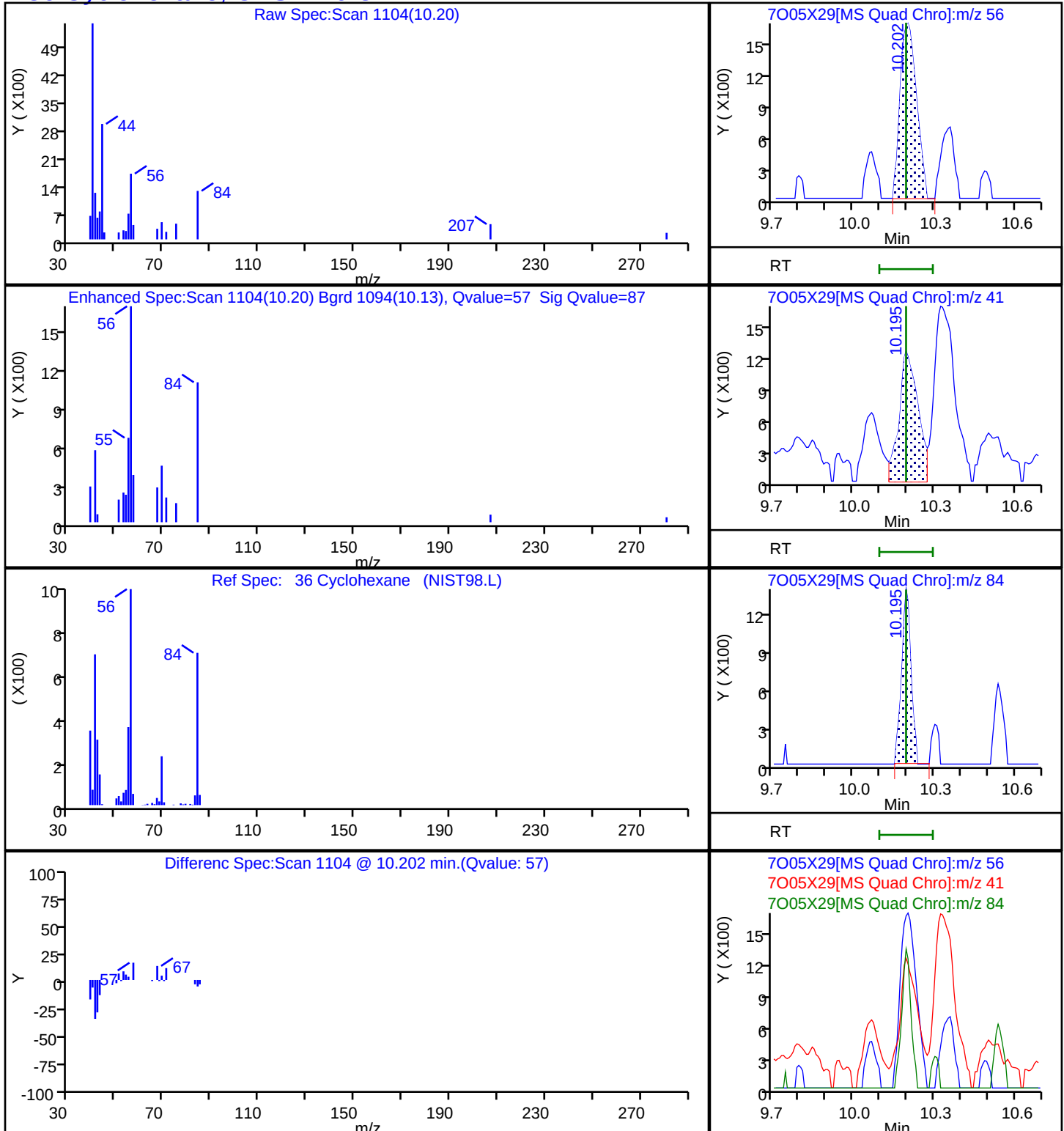
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

36 Cyclohexane, CAS: 110-82-7

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

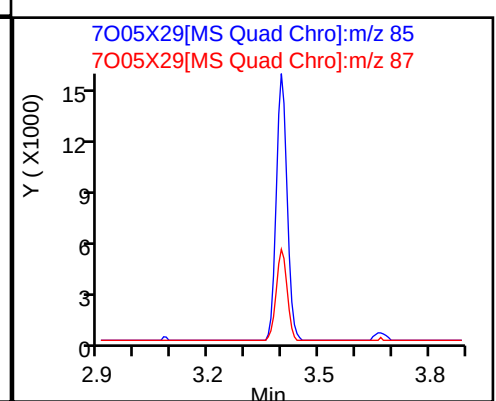
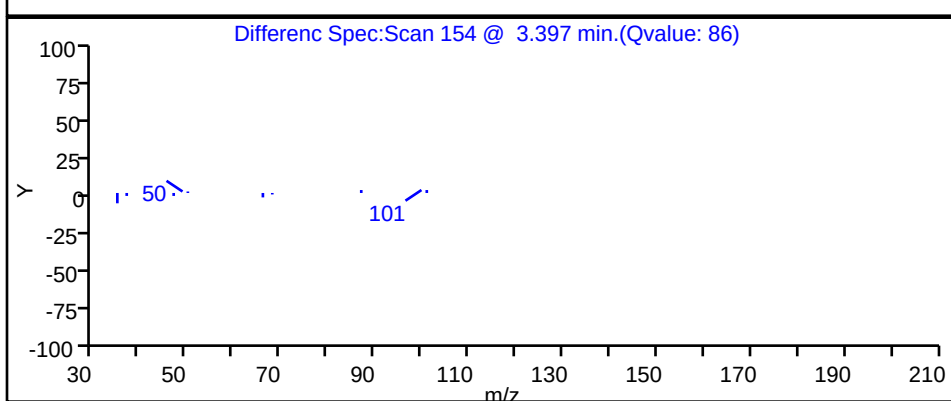
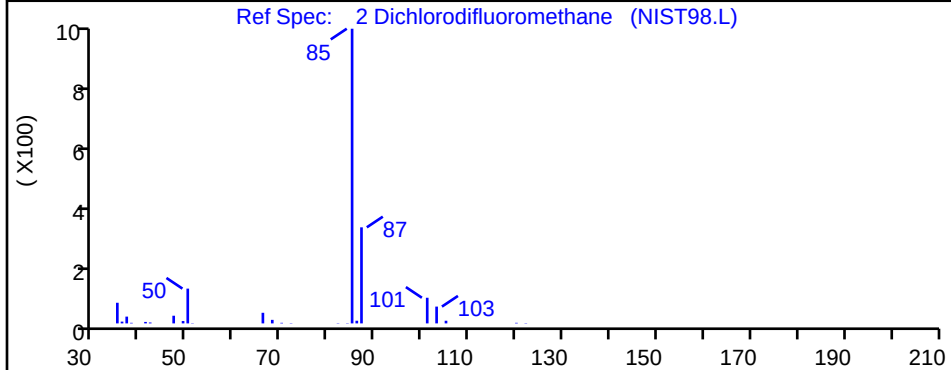
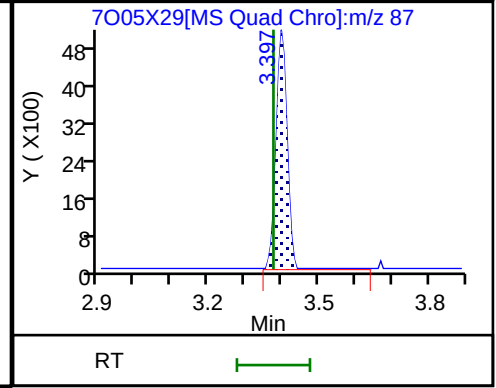
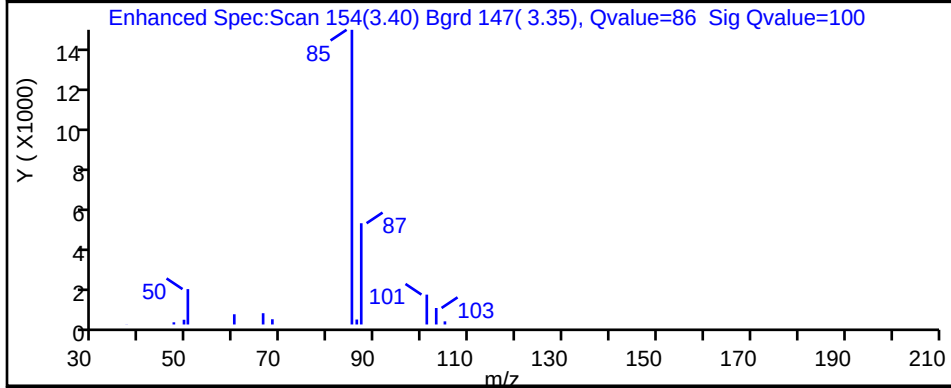
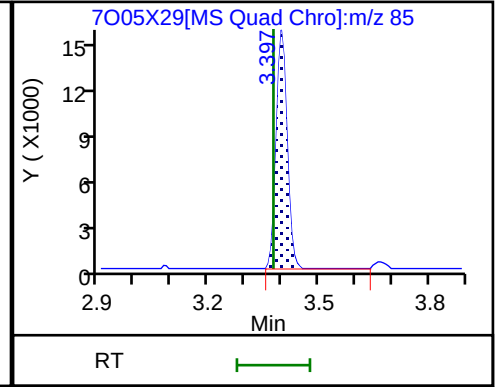
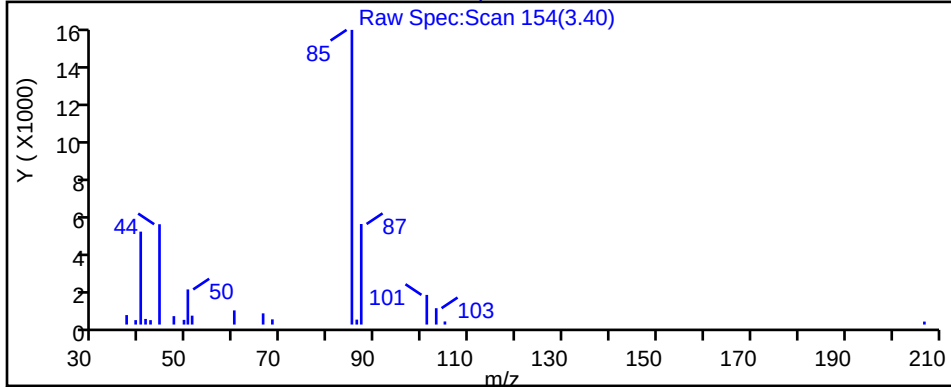
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

2 Dichlorodifluoromethane, CAS: 75-71-8

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

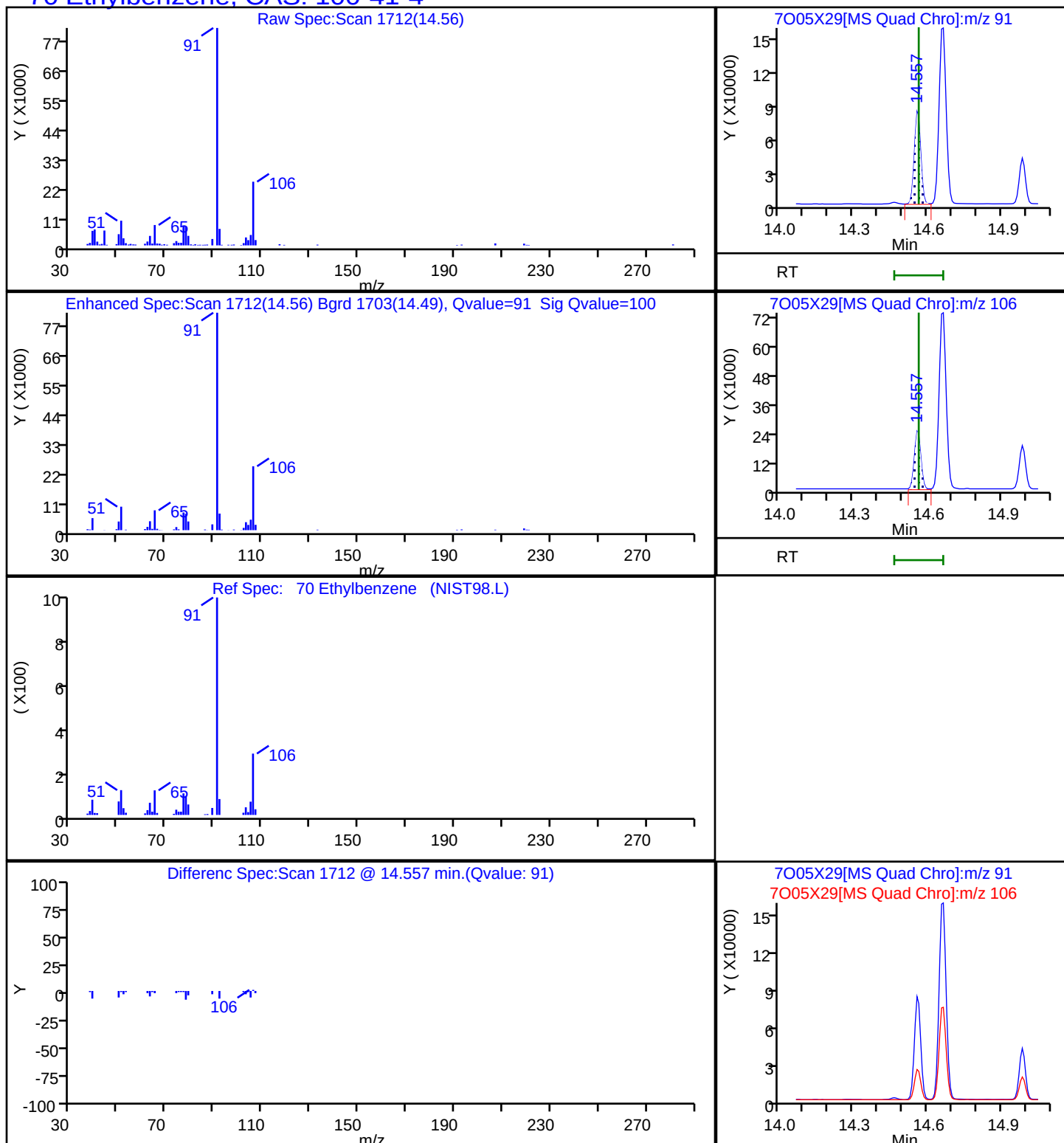
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

70 Ethylbenzene, CAS: 100-41-4

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

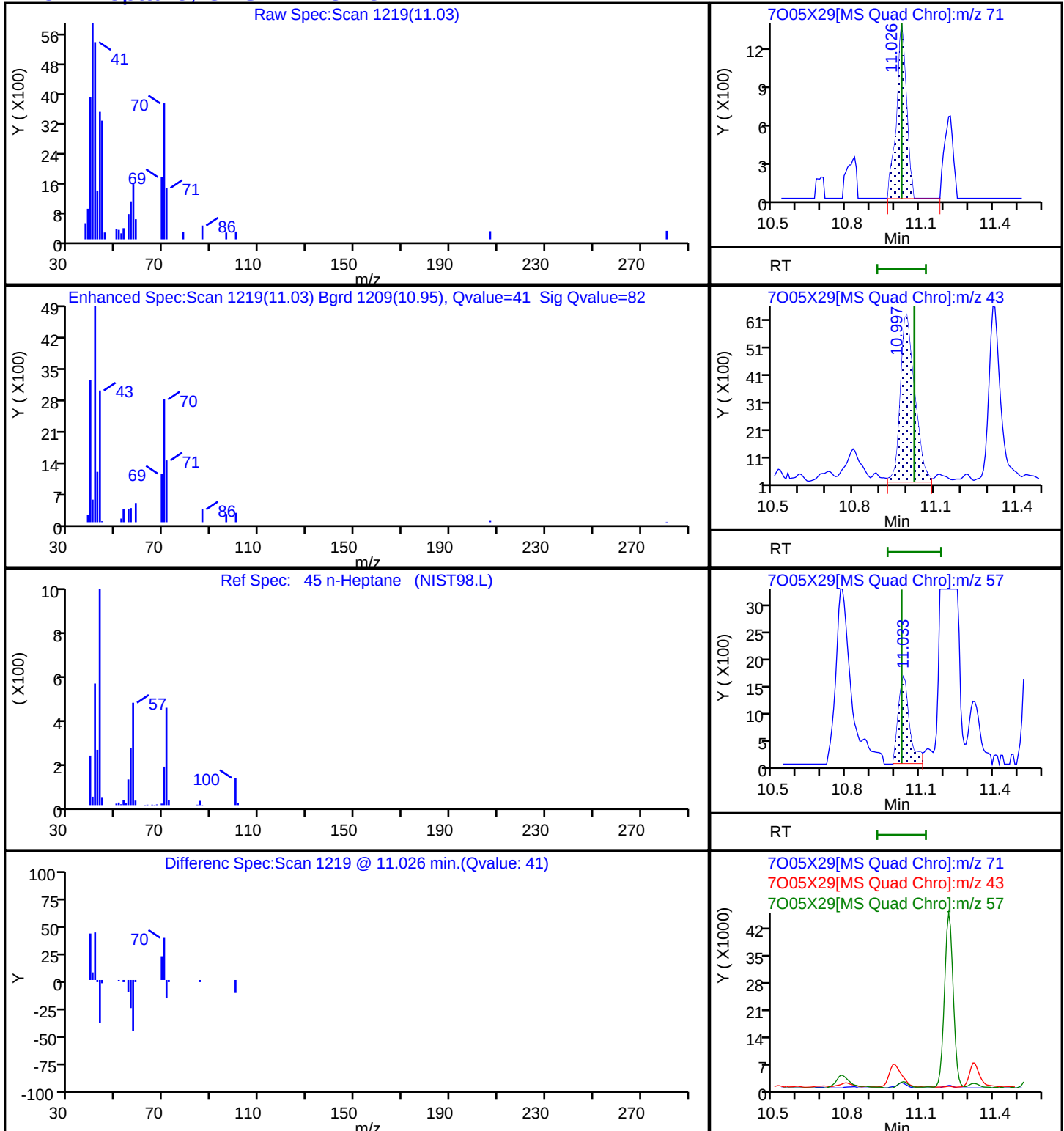
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

45 n-Heptane, CAS: 142-82-5

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

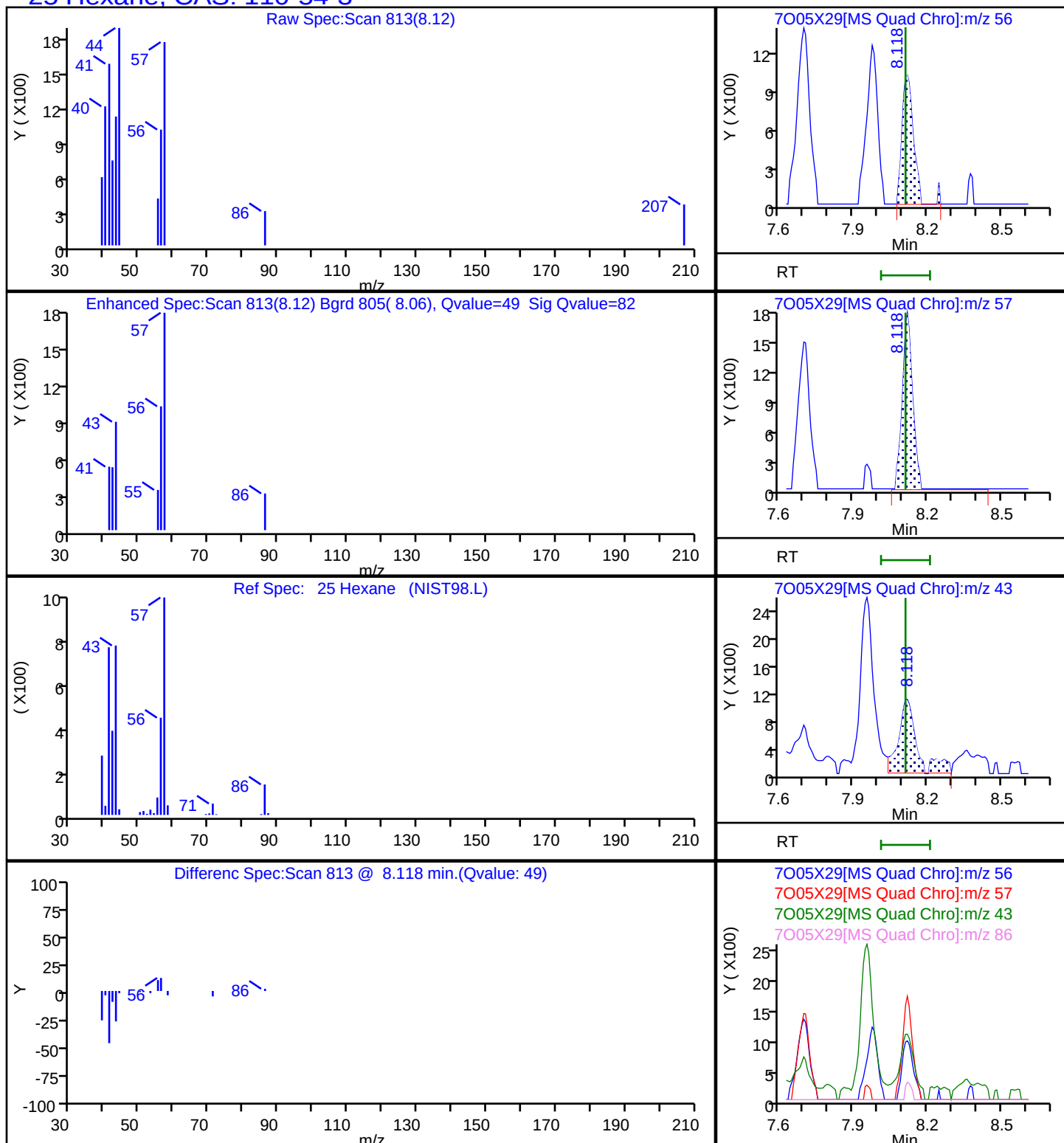
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

25 Hexane, CAS: 110-54-3

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

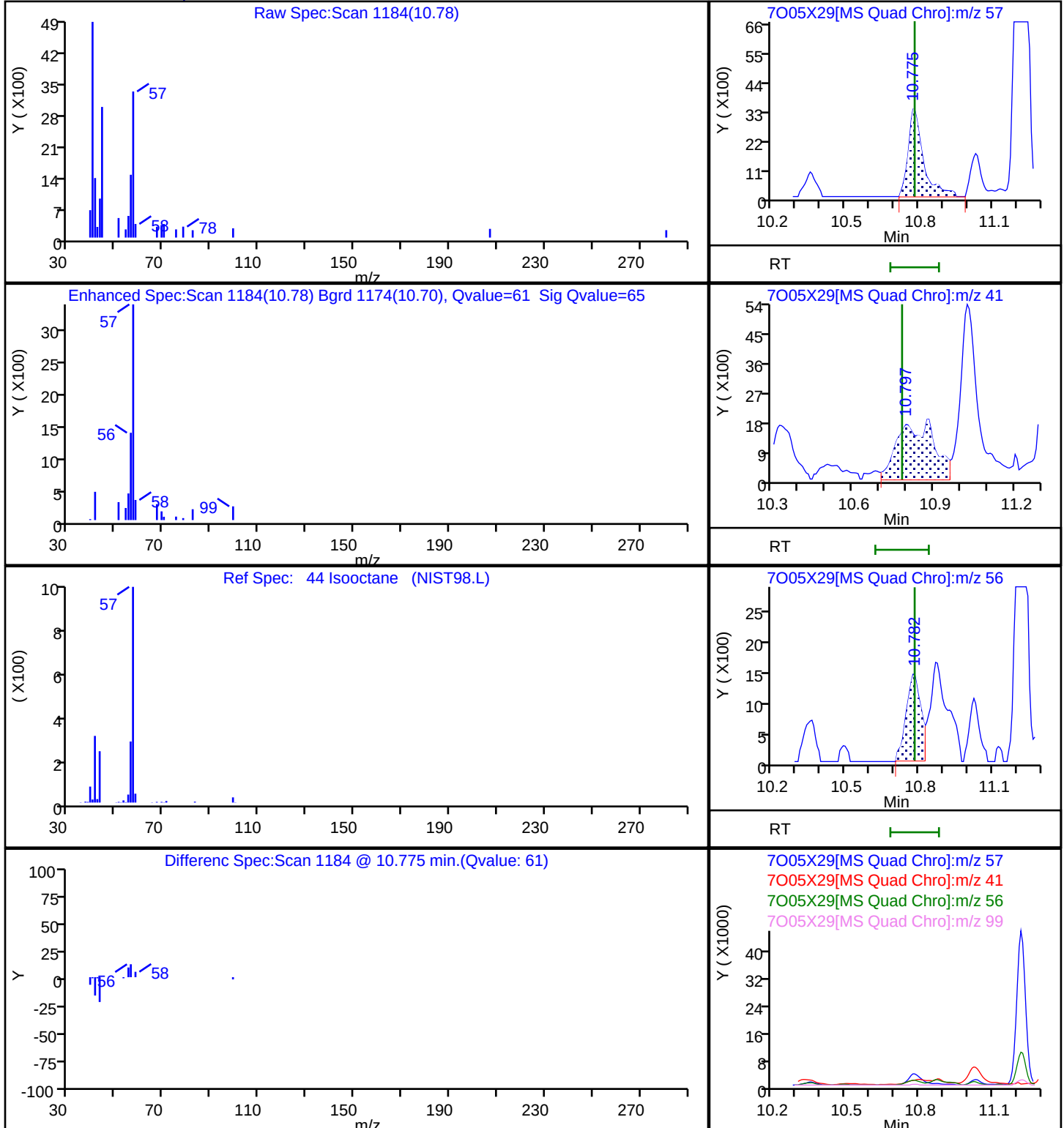
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

44 Isooctane, CAS: 540-84-1

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

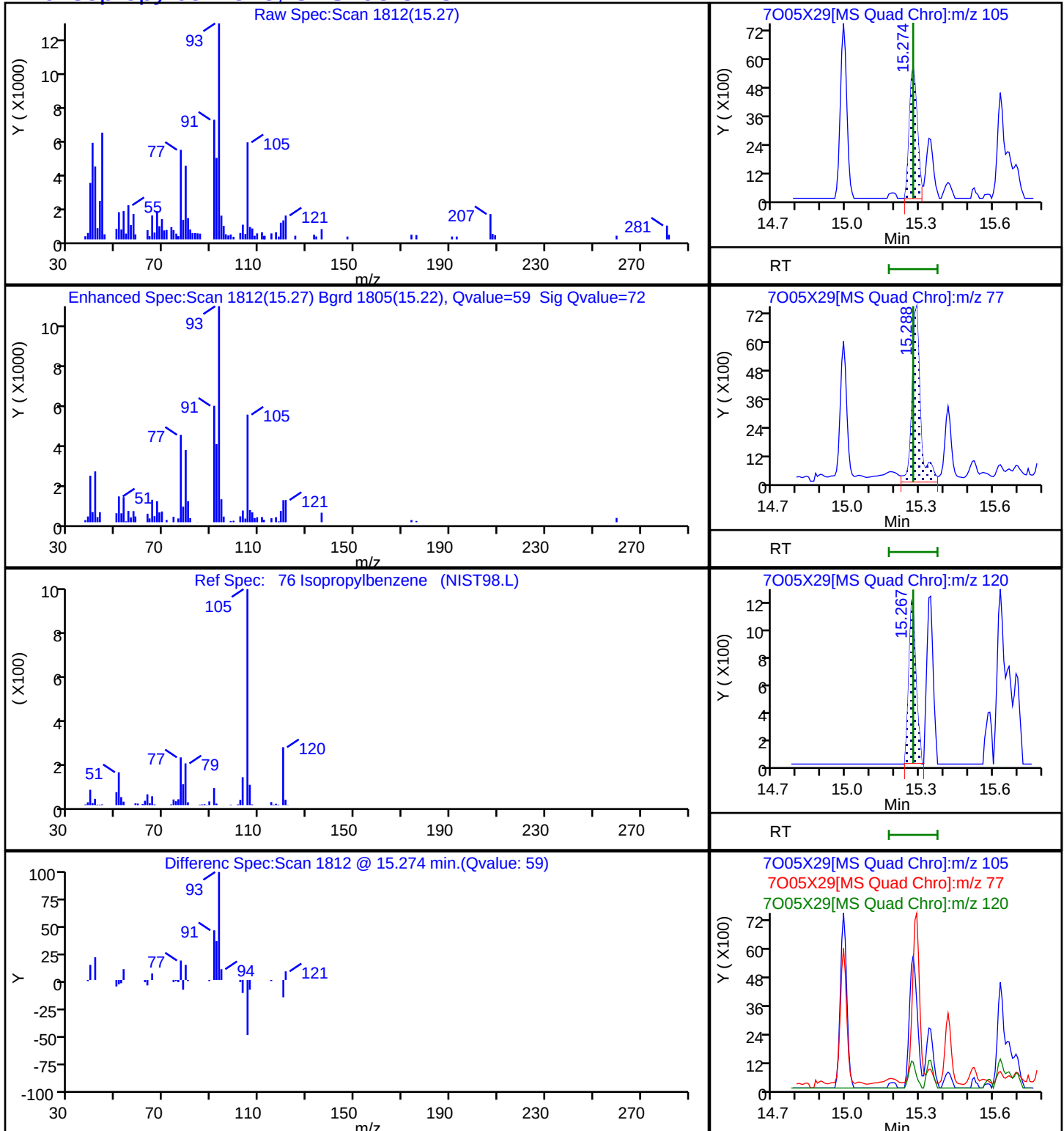
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

76 Isopropylbenzene, CAS: 98-82-8

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

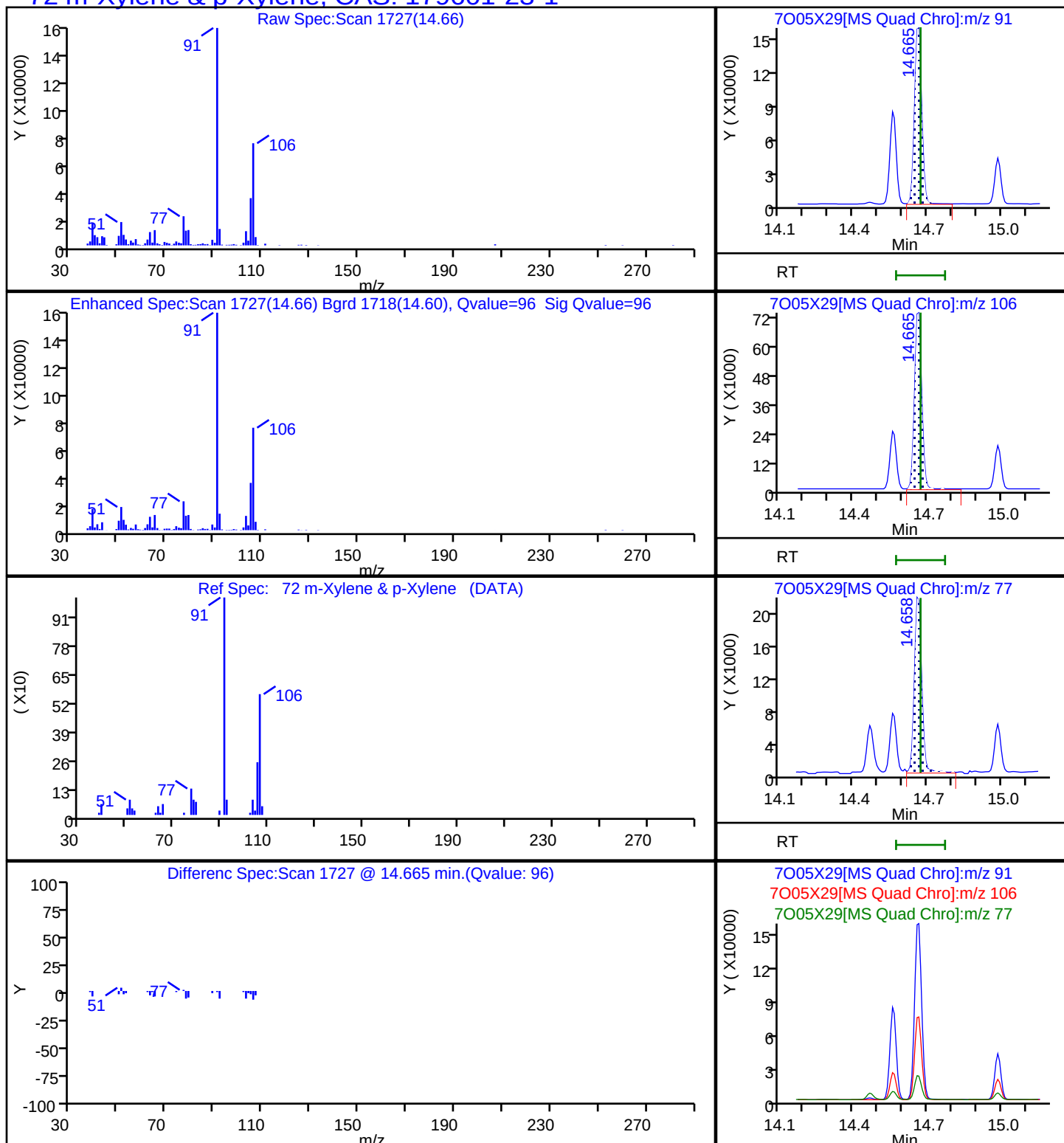
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

72 m-Xylene & p-Xylene, CAS: 179601-23-1

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

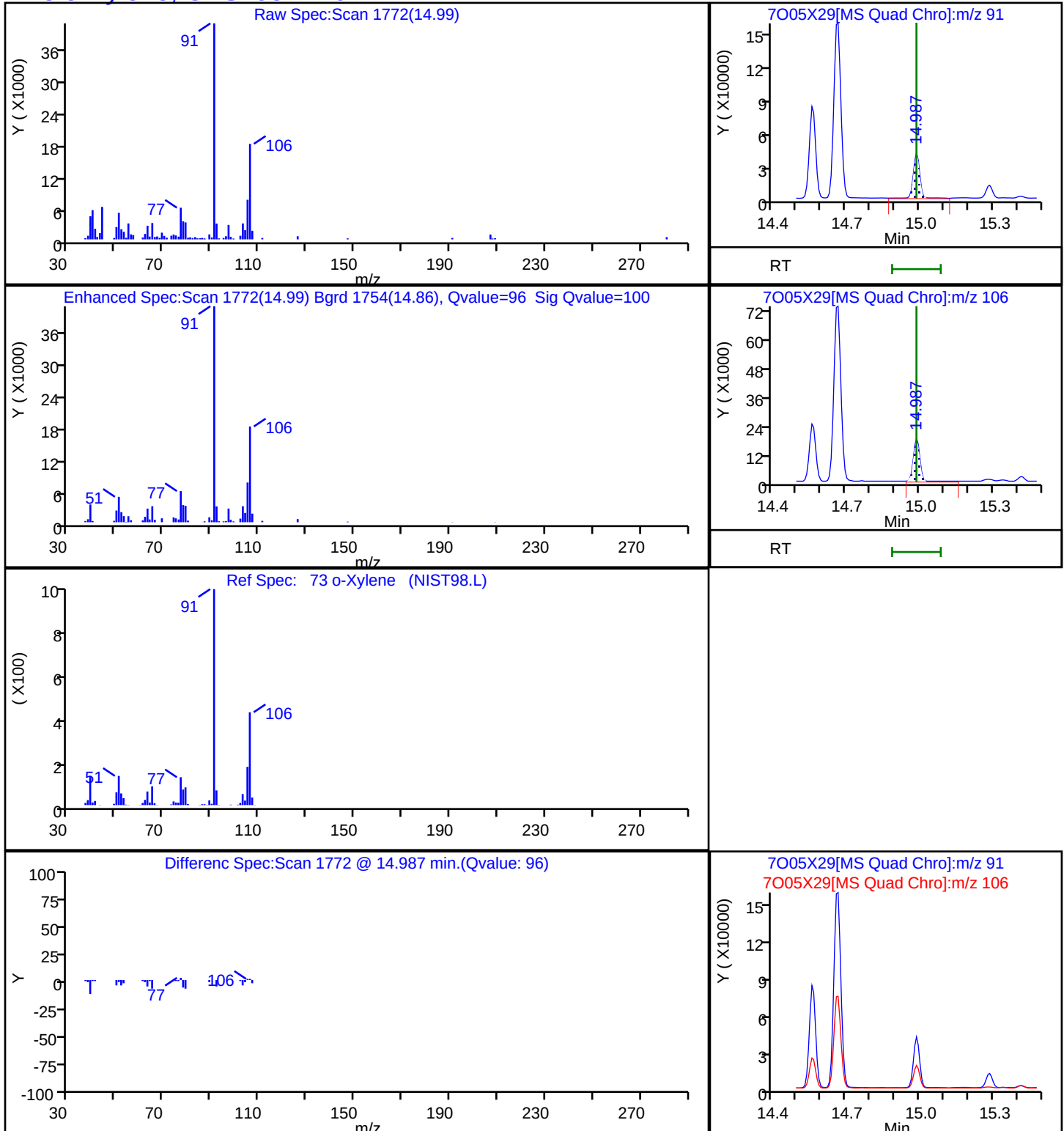
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

73 o-Xylene, CAS: 95-47-6

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

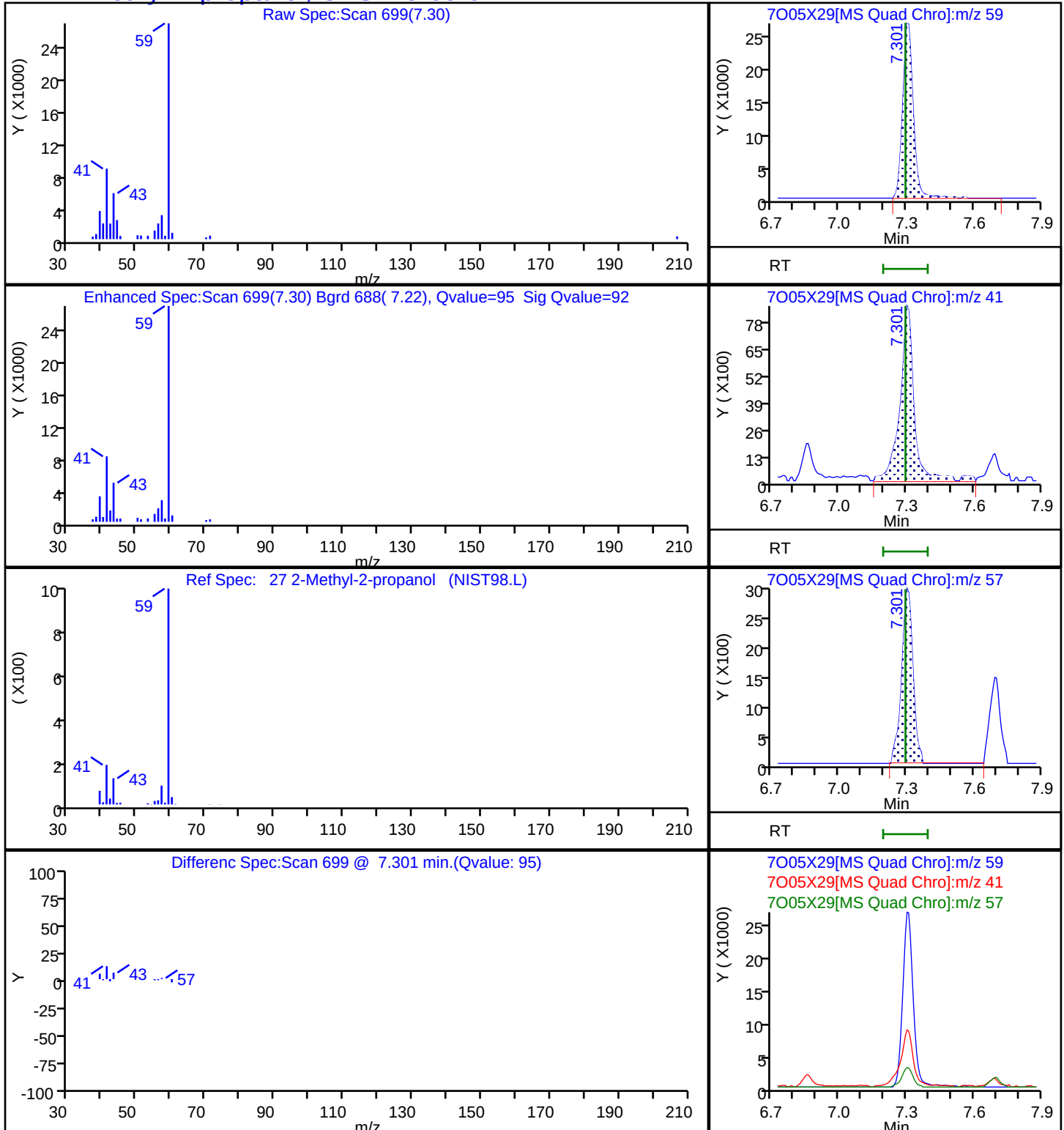
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

27 2-Methyl-2-propanol, CAS: 75-65-0

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

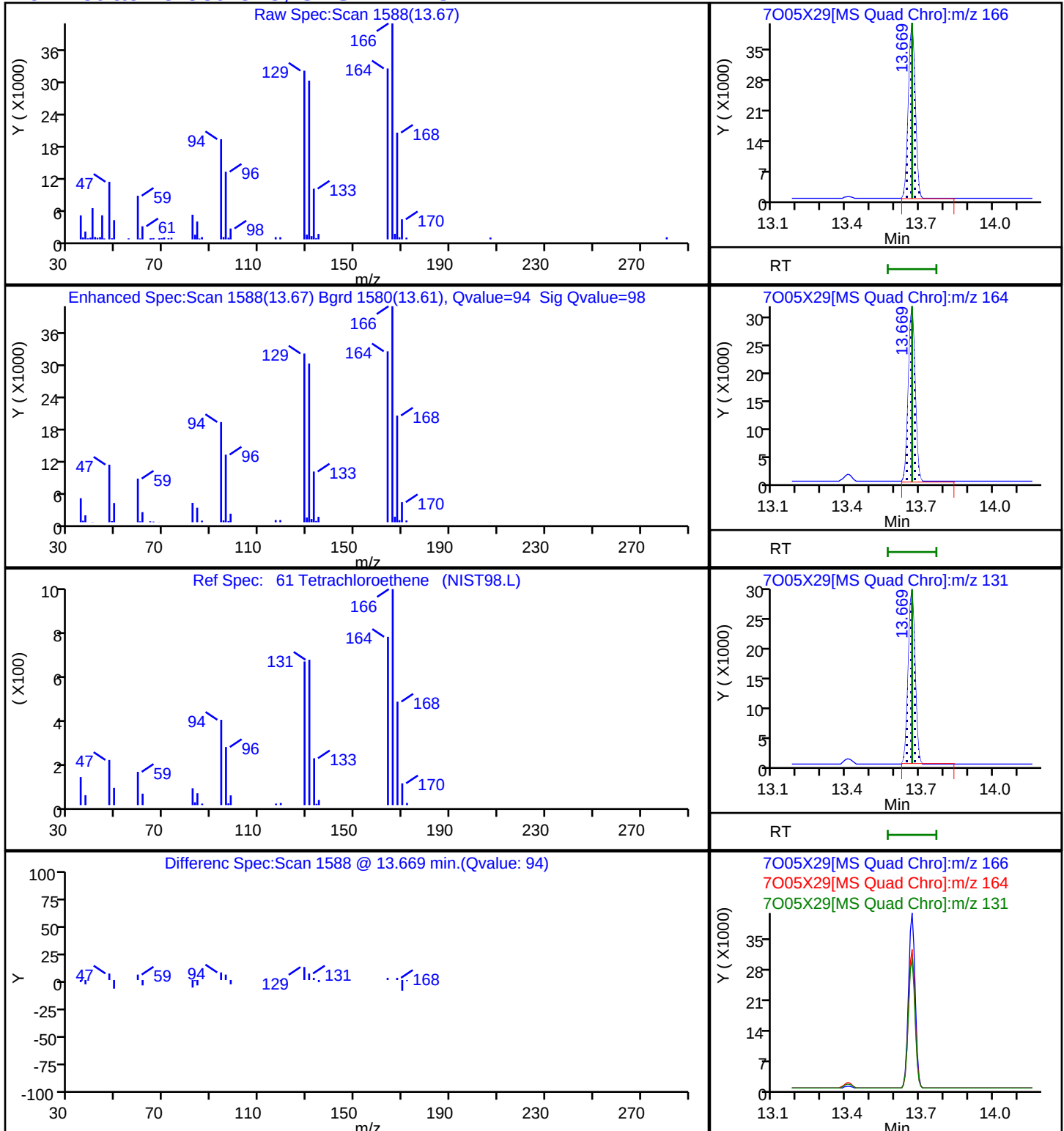
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

61 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

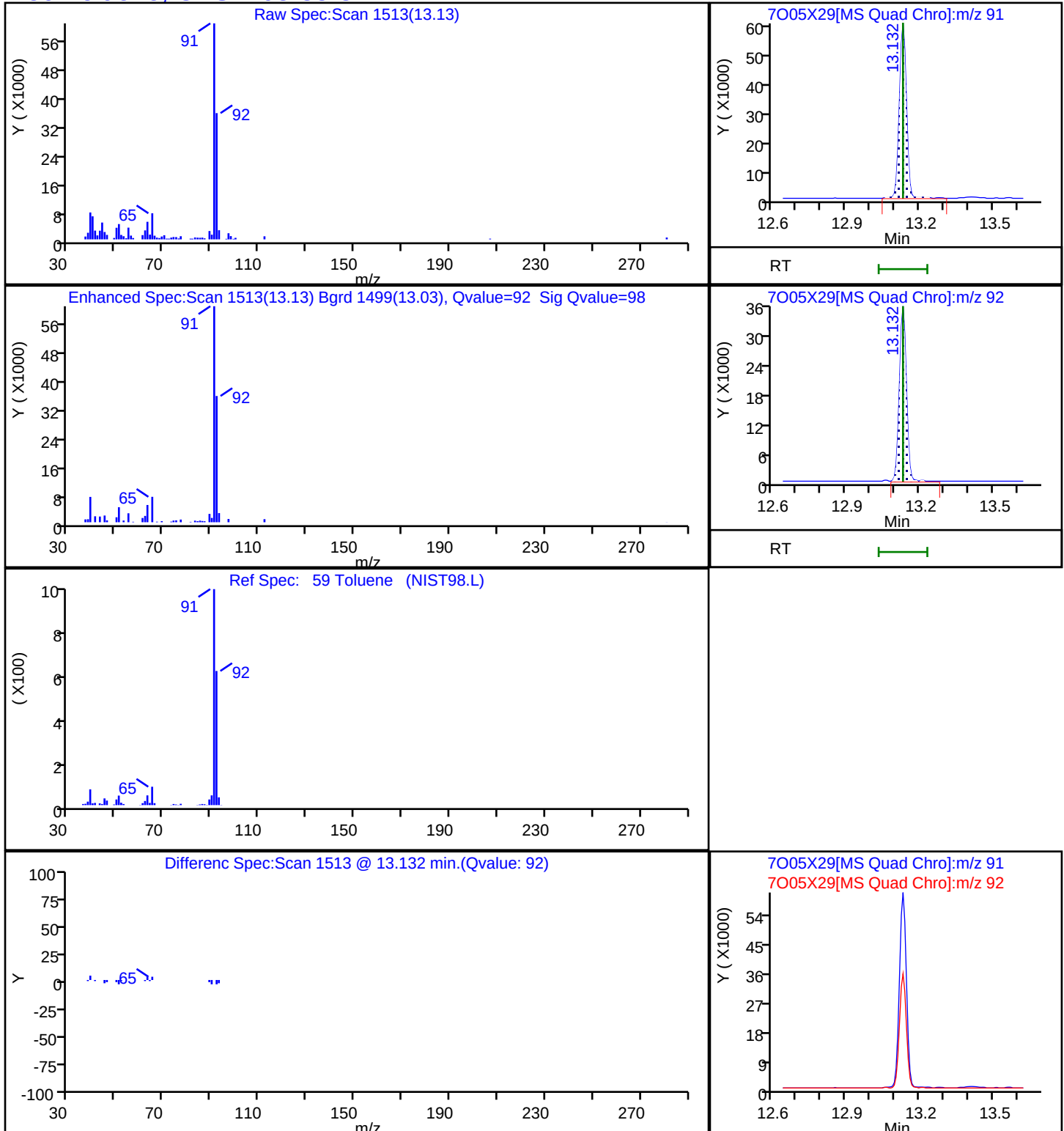
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

59 Toluene, CAS: 108-88-3

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25

Worklist Smp#: 30

Purge Vol: 200.000 mL

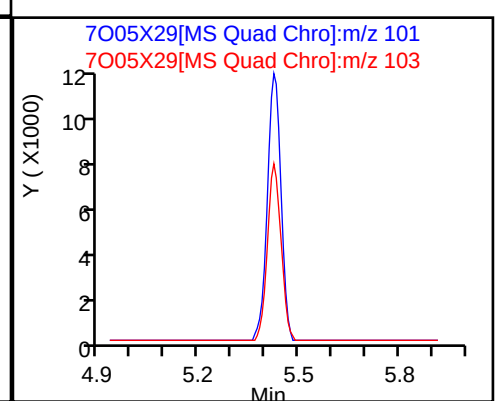
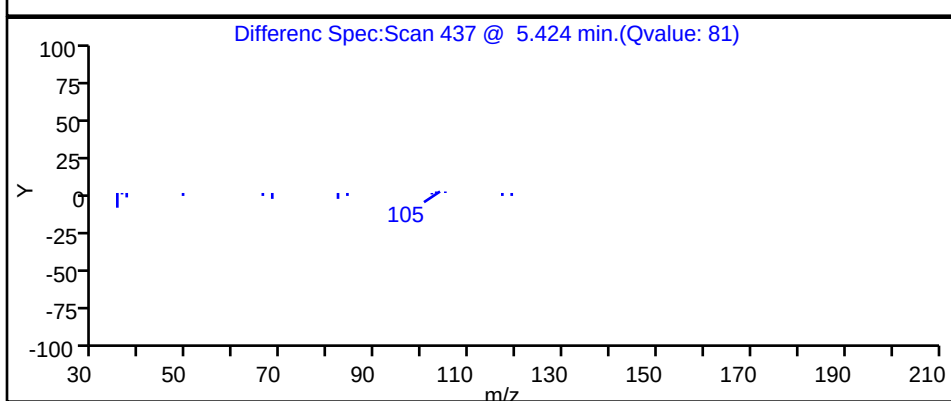
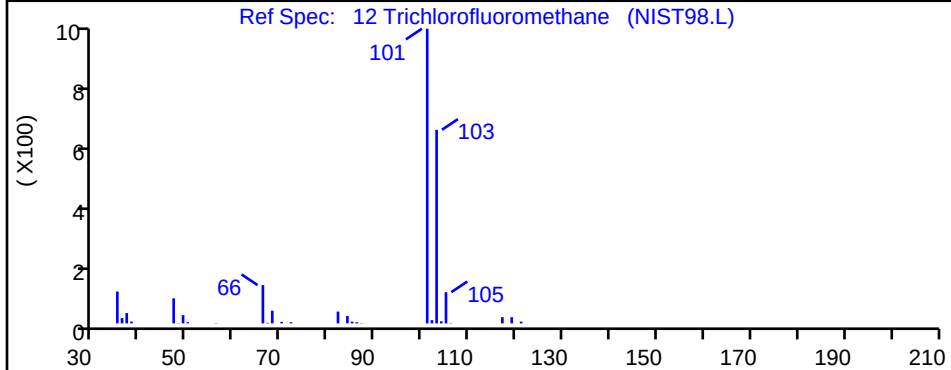
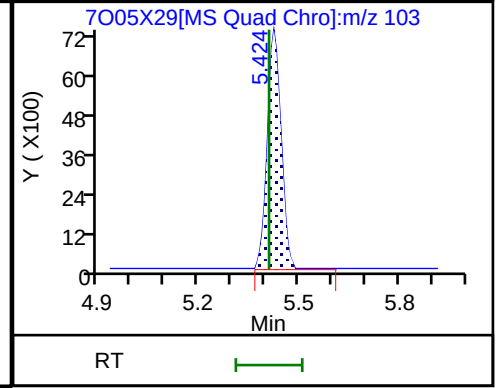
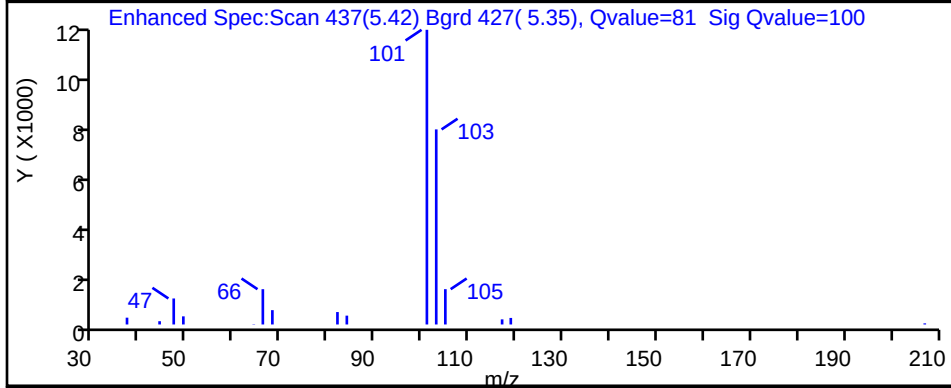
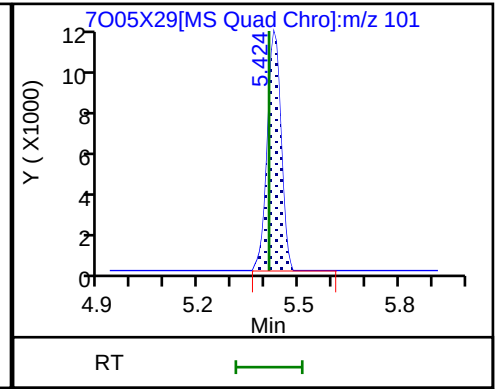
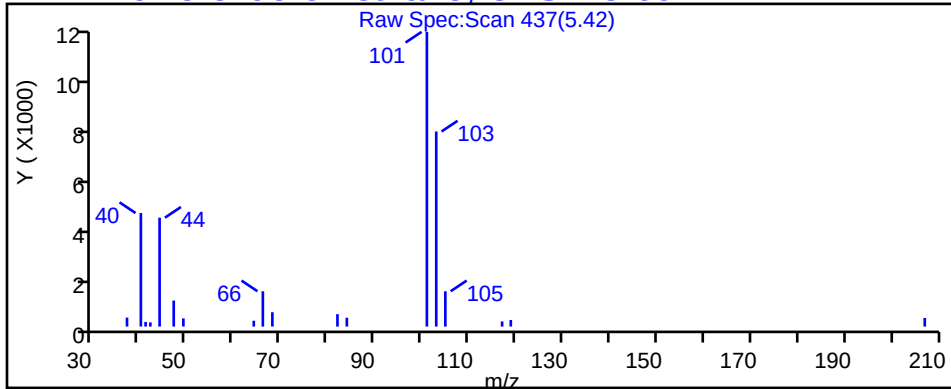
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

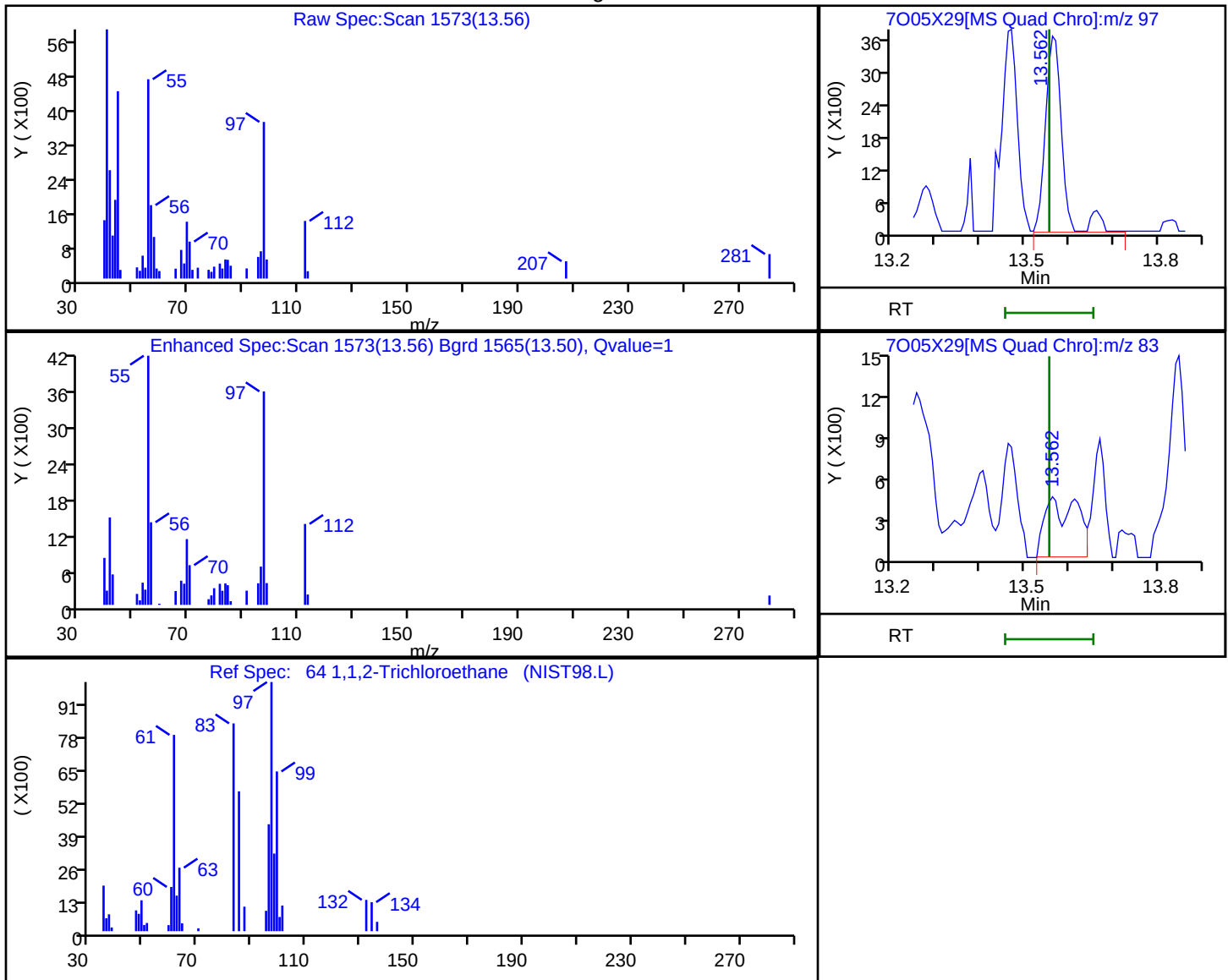
12 Trichlorofluoromethane, CAS: 75-69-4

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D
Injection Date: 06-Oct-2025 06:23:40 Instrument ID: HP8R004
Lims ID: 460-336014-A-1 Lab Sample ID: 410-336014-1
Client ID: SV-01_20250929
Operator ID: AL109694 ALS Bottle#: 25 Worklist Smp#: 30
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

64 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
13.56	97.00	9509	0.254958
13.56	83.00	2196	

Reviewer: D7UM, 06-Oct-2025 08:11:47 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

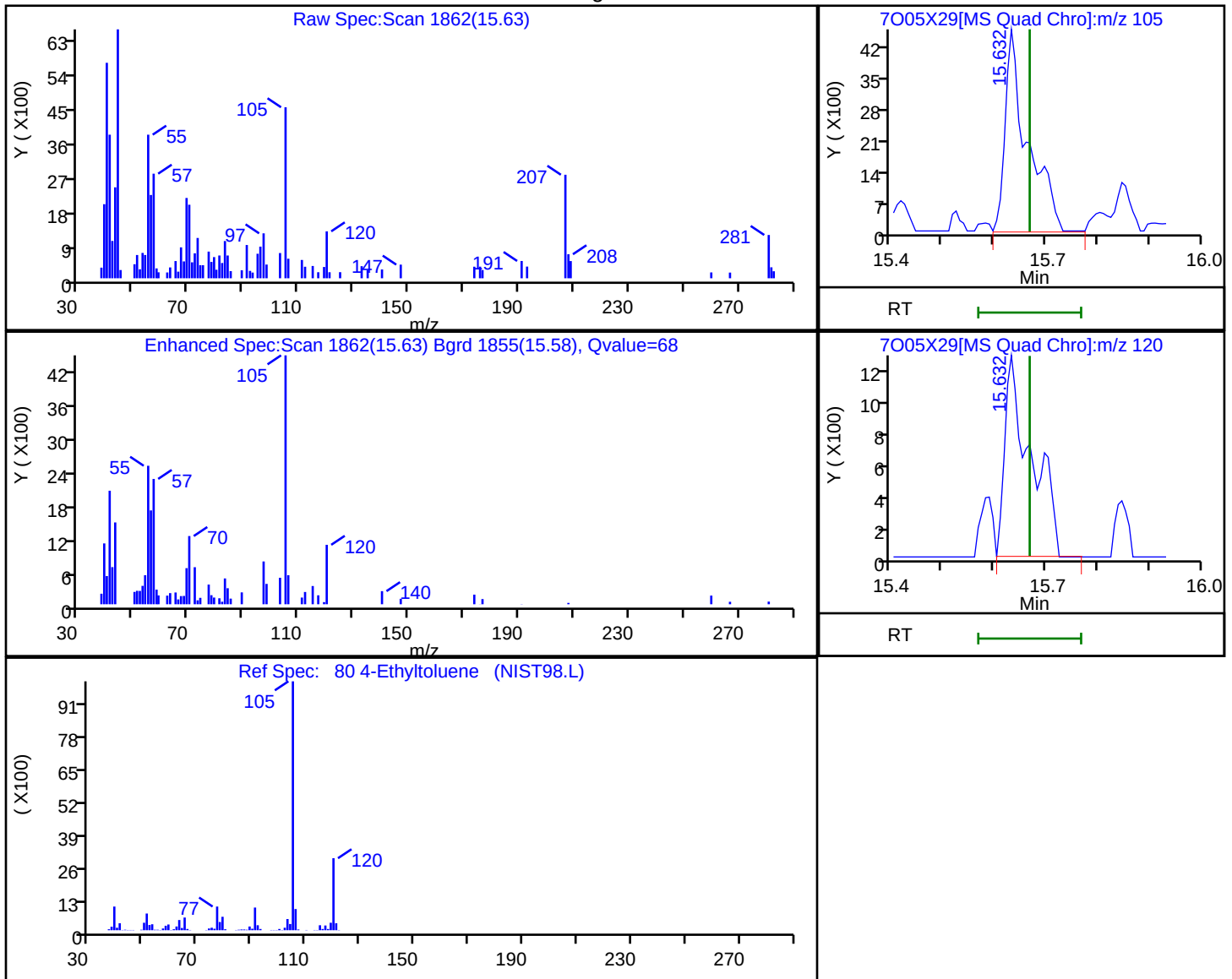
Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D
Injection Date: 06-Oct-2025 06:23:40 Instrument ID: HP8R004
Lims ID: 460-336014-A-1 Lab Sample ID: 410-336014-1
Client ID: SV-01_20250929
Operator ID: AL109694 ALS Bottle#: 25 Worklist Smp#: 30
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

80 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
15.63	105.00	13495	0.109042
15.63	120.00	4378	

Reviewer: D7UM, 06-Oct-2025 08:12:08 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

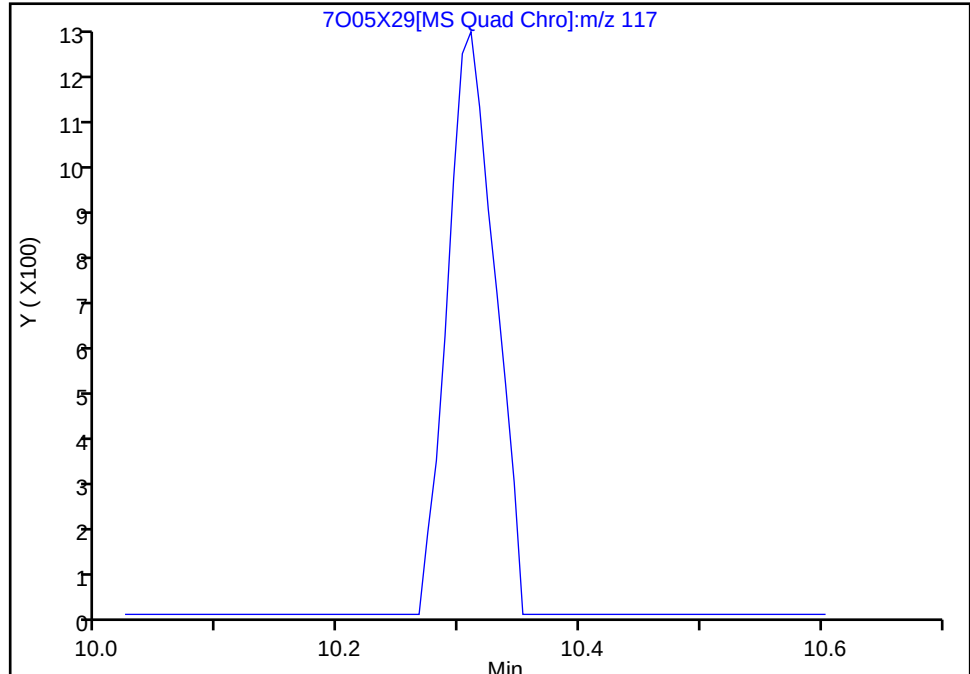
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D				
Injection Date:	06-Oct-2025 06:23:40	Instrument ID:	HP8R004		
Lims ID:	460-336014-A-1	Lab Sample ID:	410-336014-1		
Client ID:	SV-01_20250929				
Operator ID:	AL109694	ALS Bottle#:	25	Worklist Smp#:	30
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15LLMethods_HP8R004	Limit Group:	MSV - TO15_LL_NY		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector:	MS Quad		

40 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

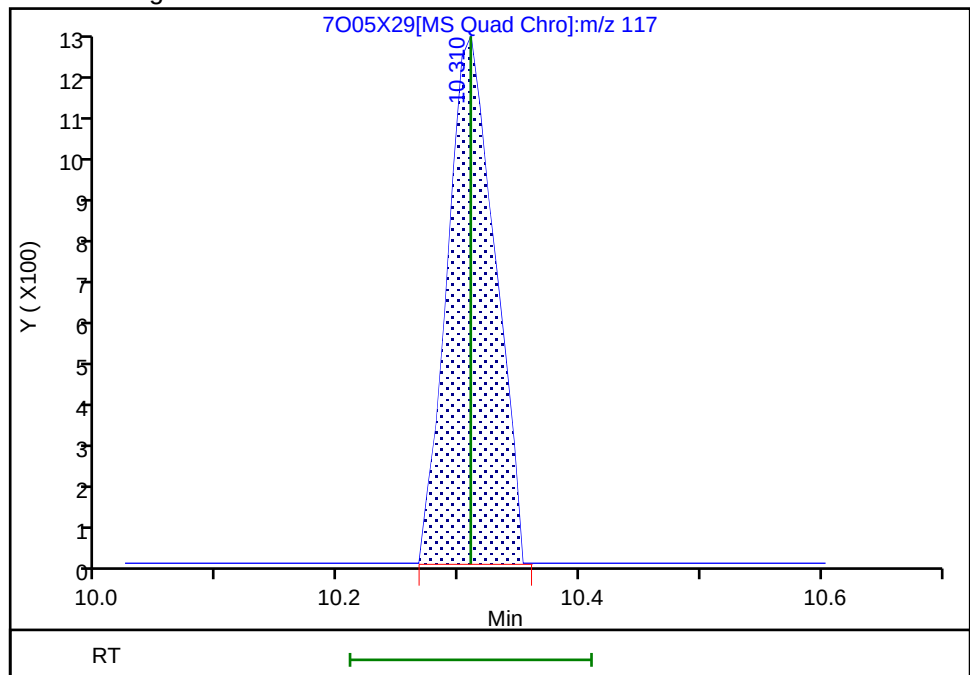
Not Detected
Expected RT: 10.31

Processing Integration Results



RT: 10.31
Area: 3456
Amount: 0.065283
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 06-Oct-2025 08:11:30 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D

Injection Date: 06-Oct-2025 06:23:40

Instrument ID: HP8R004

Lims ID: 460-336014-A-1

Lab Sample ID: 410-336014-1

Client ID: SV-01_20250929

Operator ID: AL109694

ALS Bottle#: 25 Worklist Smp#: 30

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

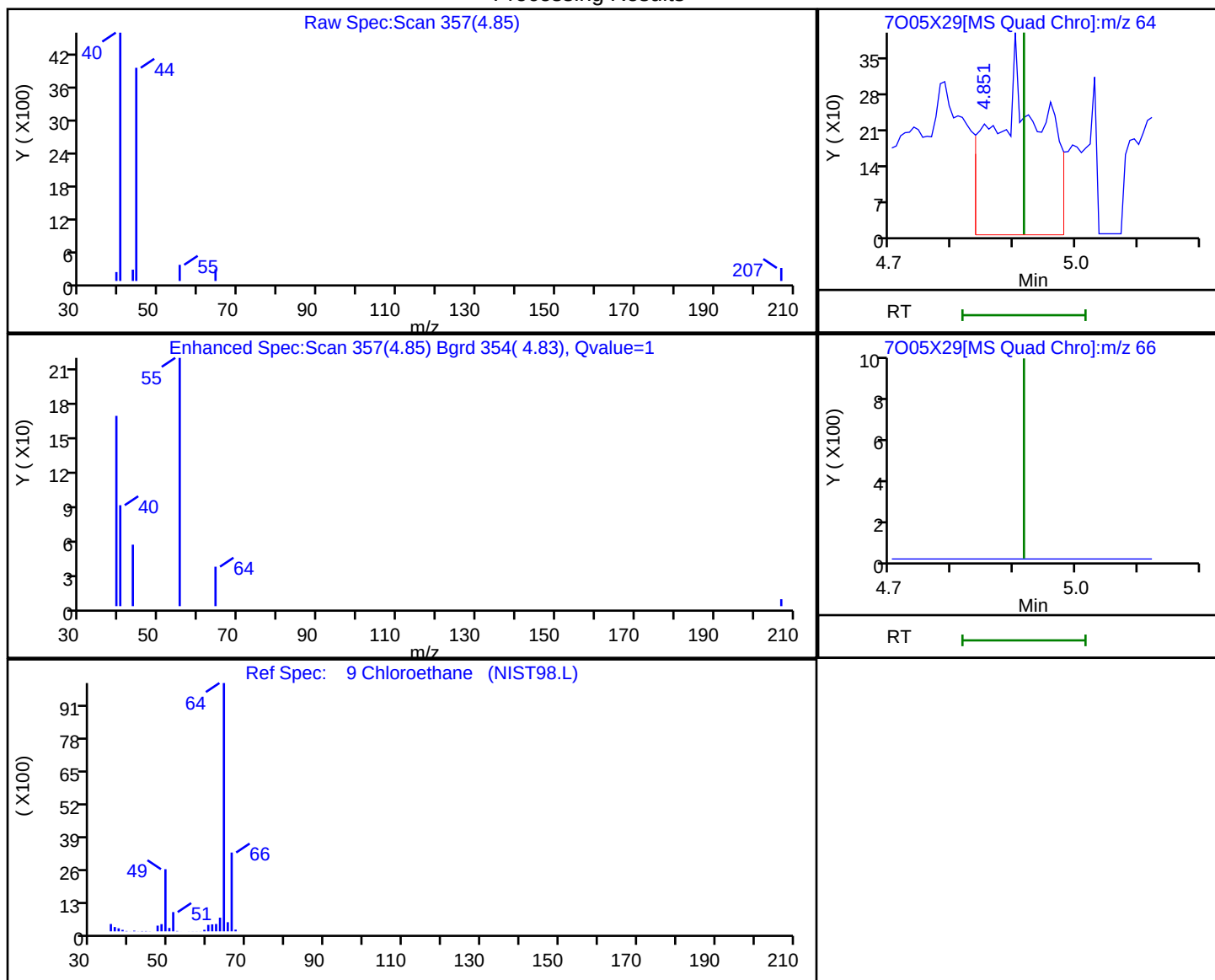
Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

9 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
4.85	64.00	1883	0.118170
4.92	66.00	0	

Reviewer: D7UM, 06-Oct-2025 08:10:56 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

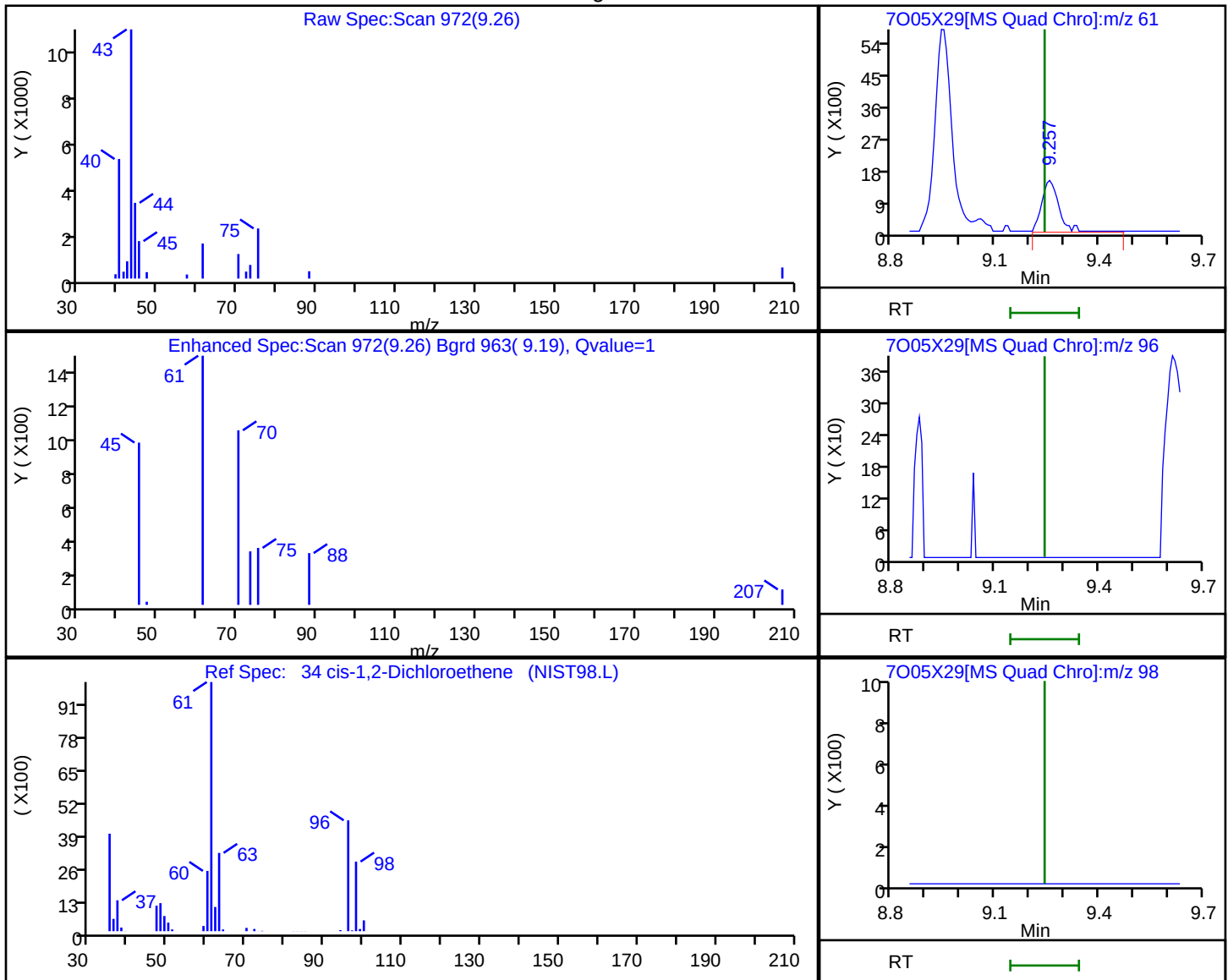
Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D
Injection Date: 06-Oct-2025 06:23:40 Instrument ID: HP8R004
Lims ID: 460-336014-A-1 Lab Sample ID: 410-336014-1
Client ID: SV-01_20250929
Operator ID: AL109694 ALS Bottle#: 25 Worklist Smp#: 30
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

34 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
9.26	61.00	4816	0.089491
9.24	96.00	0	
9.24	98.00	0	

Reviewer: D7UM, 06-Oct-2025 08:11:06 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

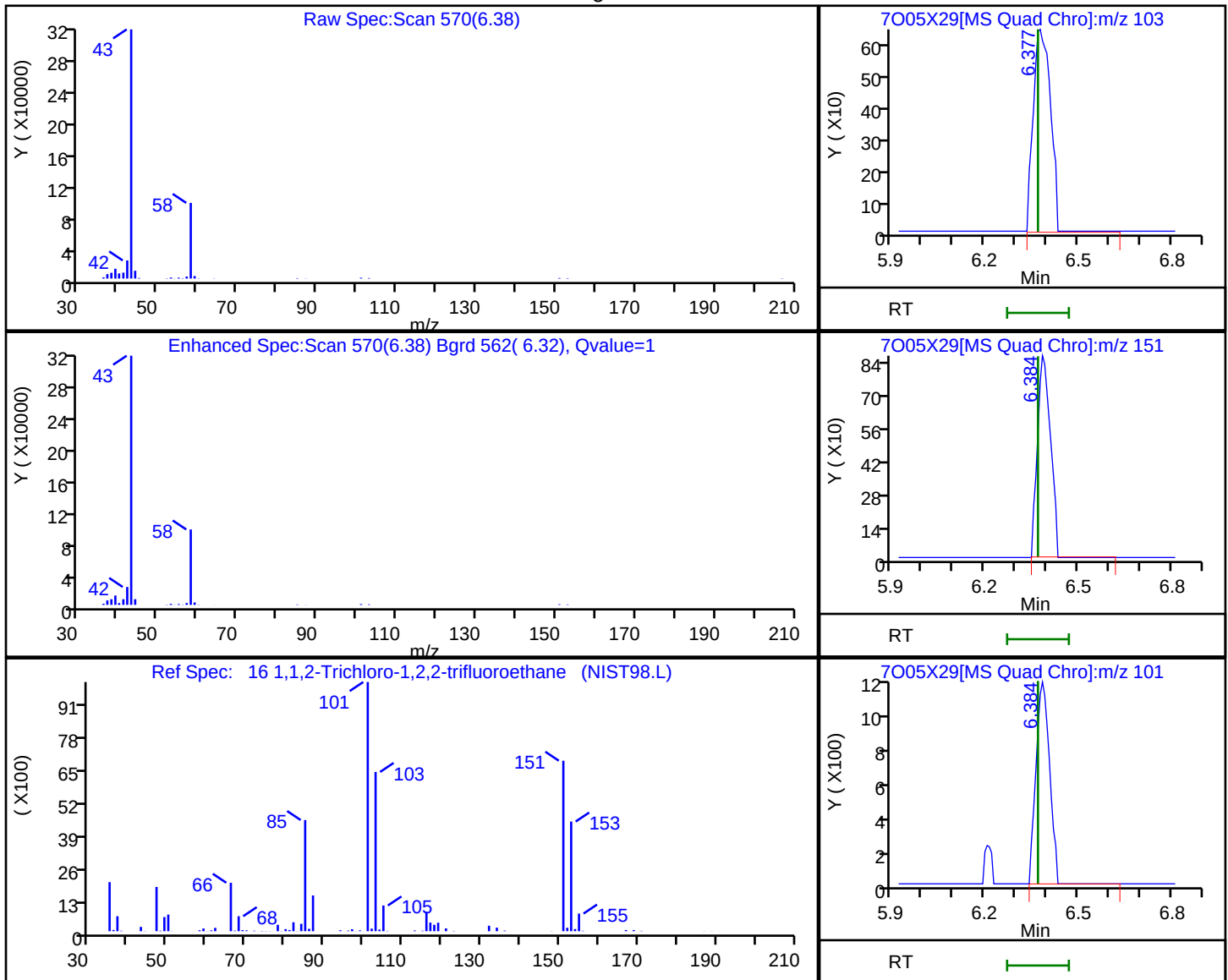
Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D
Injection Date: 06-Oct-2025 06:23:40 Instrument ID: HP8R004
Lims ID: 460-336014-A-1 Lab Sample ID: 410-336014-1
Client ID: SV-01_20250929
Operator ID: AL109694 ALS Bottle#: 25 Worklist Smp#: 30
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
6.38	103.00	2501	0.076074
6.38	151.00	2554	
6.38	101.00	3362	

Reviewer: D7UM, 06-Oct-2025 08:10:58 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

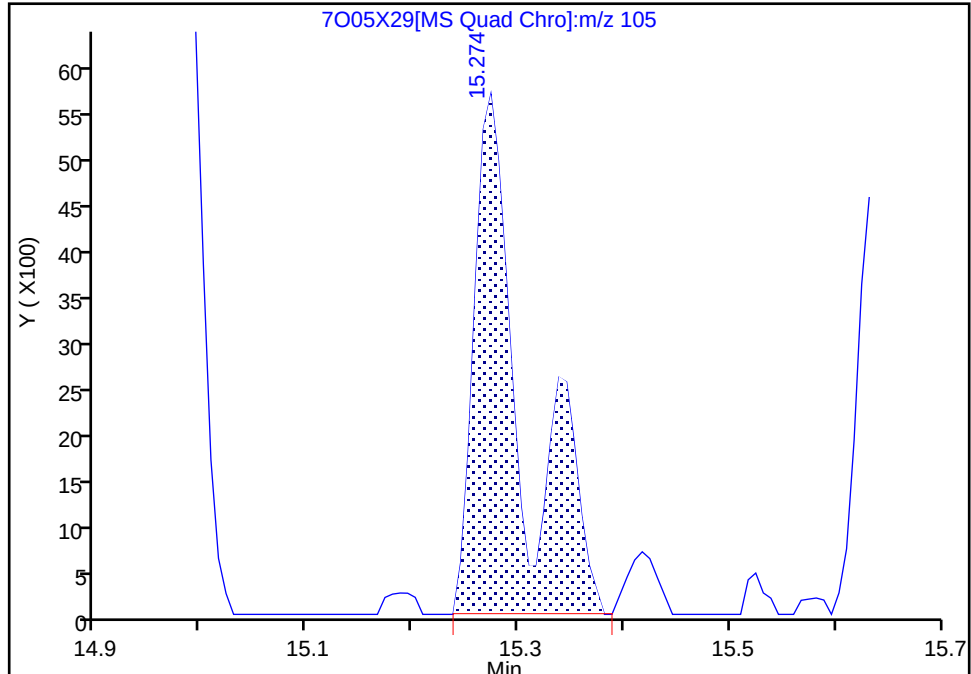
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D
Injection Date: 06-Oct-2025 06:23:40 Instrument ID: HP8R004
Lims ID: 460-336014-A-1 Lab Sample ID: 410-336014-1
Client ID: SV-01_20250929
Operator ID: AL109694 ALS Bottle#: 25 Worklist Smp#: 30
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

76 Isopropylbenzene, CAS: 98-82-8

Signal: 1

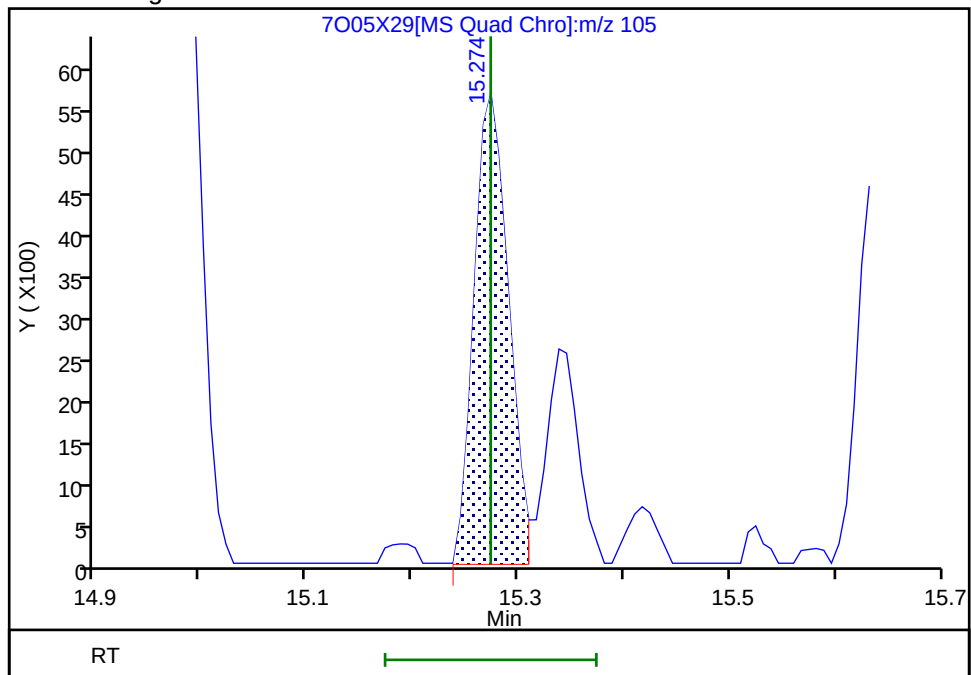
RT: 15.27
Area: 18008
Amount: 0.145369
Amount Units: ppb v/v

Processing Integration Results



RT: 15.27
Area: 12565
Amount: 0.101430
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 06-Oct-2025 08:12:03 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

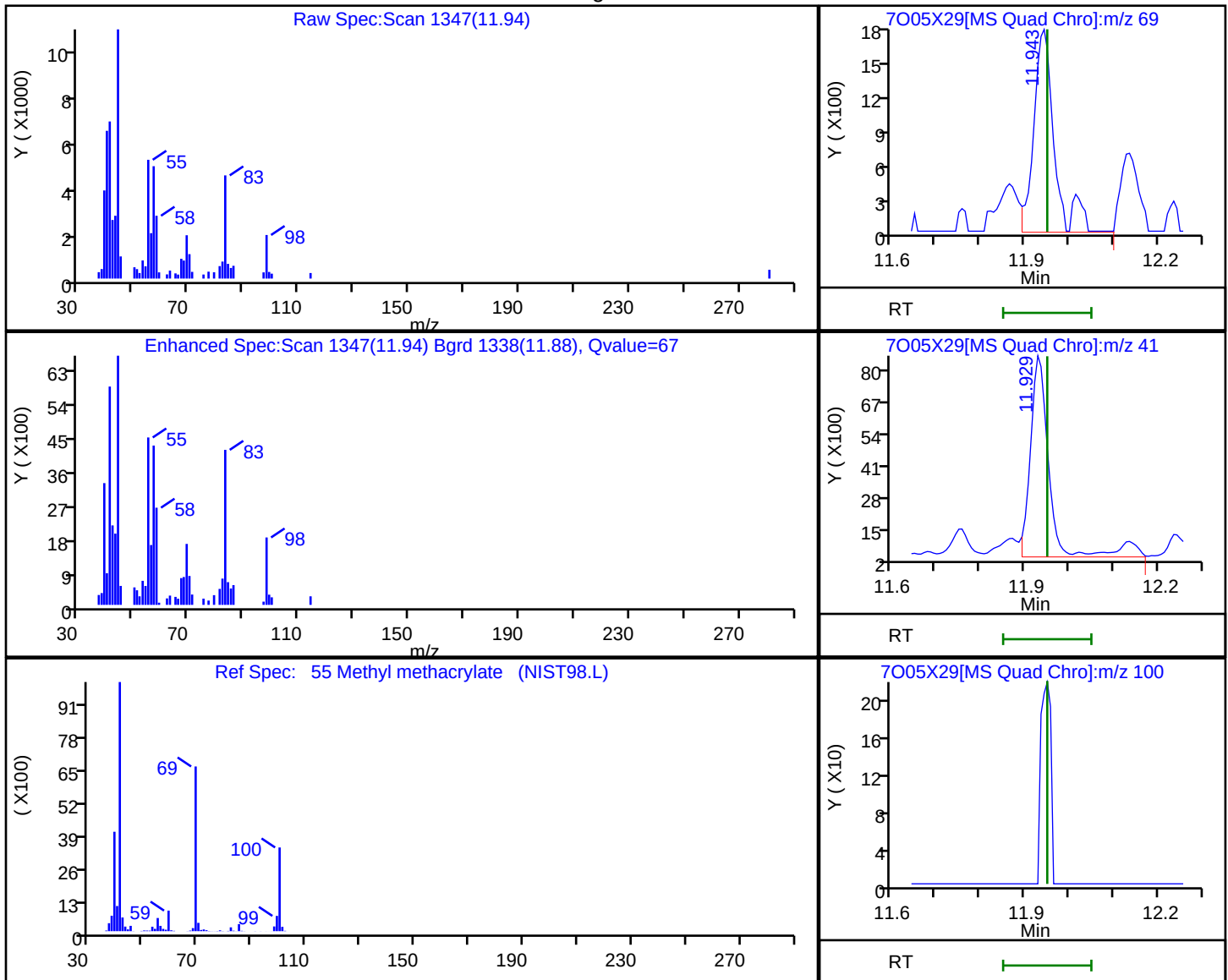
Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D
Injection Date: 06-Oct-2025 06:23:40 Instrument ID: HP8R004
Lims ID: 460-336014-A-1 Lab Sample ID: 410-336014-1
Client ID: SV-01_20250929
Operator ID: AL109694 ALS Bottle#: 25 Worklist Smp#: 30
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

55 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
11.94	69.00	5704	0.195206
11.93	41.00	24894	
11.95	100.00	0	

Reviewer: D7UM, 06-Oct-2025 08:11:41 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

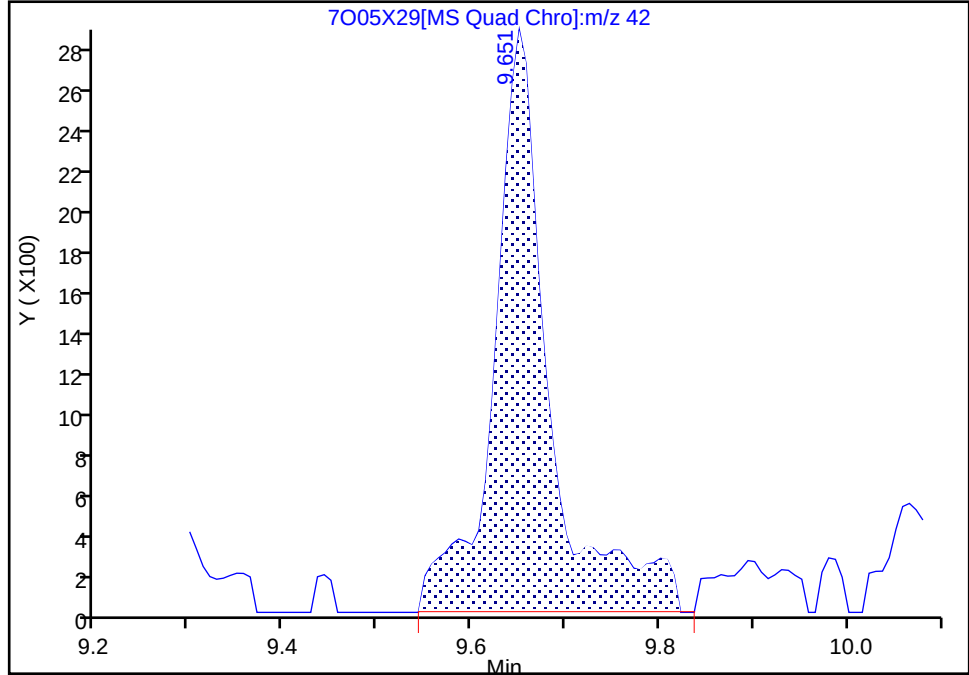
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D
Injection Date: 06-Oct-2025 06:23:40 Instrument ID: HP8R004
Lims ID: 460-336014-A-1 Lab Sample ID: 410-336014-1
Client ID: SV-01_20250929
Operator ID: AL109694 ALS Bottle#: 25 Worklist Smp#: 30
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

41 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

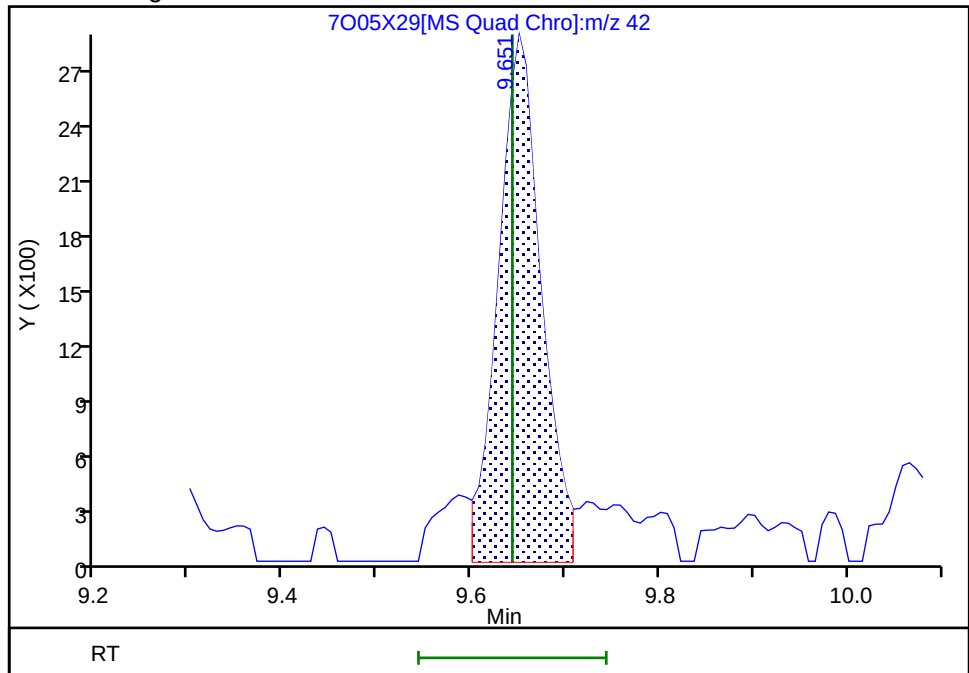
RT: 9.65
Area: 11557
Amount: 0.298368
Amount Units: ppb v/v

Processing Integration Results



RT: 9.65
Area: 8889
Amount: 0.229488
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 06-Oct-2025 08:11:14 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

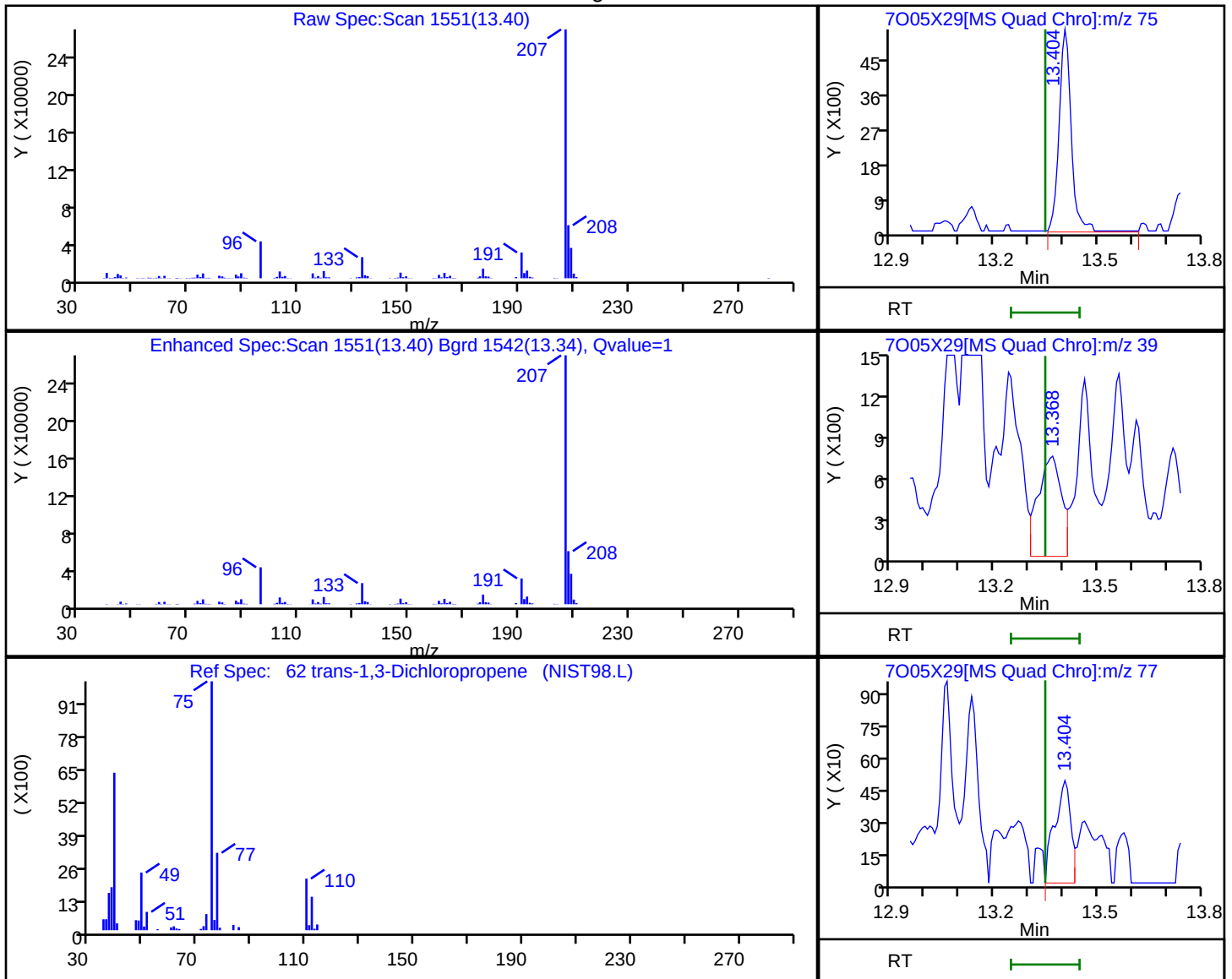
Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X29.D
Injection Date: 06-Oct-2025 06:23:40 Instrument ID: HP8R004
Lims ID: 460-336014-A-1 Lab Sample ID: 410-336014-1
Client ID: SV-01_20250929
Operator ID: AL109694 ALS Bottle#: 25 Worklist Smp#: 30
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

62 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
13.40	75.00	12670	0.284472
13.37	39.00	3482	
13.40	77.00	1549	

Reviewer: D7UM, 06-Oct-2025 08:11:45 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: AA-01_20250929 Lab Sample ID: 460-336014-2

Matrix: Air Lab File ID: 7006X16.D

Analysis Method: TO 15 LL Date Collected: 09/29/2025 12:40

Sample wt/vol: 200 (mL) Date Analyzed: 10/06/2025 21:01

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.38
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.45
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
123-91-1	1,4-Dioxane	88.11	18	U	18	0.17
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.5
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.60	J	2.1	0.53
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.1	U	2.1	0.62
67-64-1	Acetone	58.08	14		12	3.8
71-43-2	Benzene	78.11	0.49	J	0.64	0.14
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.88	U	0.88	0.22
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.41

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: AA-01_20250929 Lab Sample ID: 460-336014-2

Matrix: Air Lab File ID: 7006X16.D

Analysis Method: TO 15 LL Date Collected: 09/29/2025 12:40

Sample wt/vol: 200 (mL) Date Analyzed: 10/06/2025 21:01

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.51		0.22	0.14
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
75-45-6	Chlorodifluoromethane	86.47	0.98	J	1.8	0.42
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.48
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
74-87-3	Chloromethane	50.49	0.89	J	1.0	0.31
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
110-82-7	Cyclohexane	84.16	0.23	J	0.69	0.11
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.13
75-71-8	Dichlorodifluoromethane	120.91	2.3	J	2.5	0.54
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.23
76-13-1	1,1,2-Trichlorotrifluoro ethane	187.38	1.5	U	1.5	0.41
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.39
540-84-1	2,2,4-Trimethylpentane	114.23	0.80	J	0.93	0.18
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
67-63-0	Isopropyl alcohol	60.10	12	U	12	3.9
179601-23-1	m,p-Xylene	106.17	0.70	J	2.2	0.41
80-62-6	Methyl methacrylate	100.12	1.3	J	2.1	0.57
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
91-20-3	Naphthalene	128.17	2.0	U	2.0	1.6
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: AA-01_20250929 Lab Sample ID: 460-336014-2

Matrix: Air Lab File ID: 7006X16.D

Analysis Method: TO 15 LL Date Collected: 09/29/2025 12:40

Sample wt/vol: 200 (mL) Date Analyzed: 10/06/2025 21:01

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
108-88-3	Toluene	92.14	2.1		0.75	0.16
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.13
75-69-4	Trichlorofluoromethane	137.37	1.3		1.1	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
103-65-1	N-Propylbenzene	120.19	0.98	U	0.98	0.23
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.34
106-97-8	n-Butane	58.12	1.7		1.2	0.48

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: AA-01_20250929 Lab Sample ID: 460-336014-2

Matrix: Air Lab File ID: 7006X16.D

Analysis Method: TO 15 LL Date Collected: 09/29/2025 12:40

Sample wt/vol: 200 (mL) Date Analyzed: 10/06/2025 21:01

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
75-35-4	1,1-Dichloroethene	96.94	0.050	U	0.050	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.051
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.047
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.15	J	0.50	0.13
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
67-64-1	Acetone	58.08	5.8		5.0	1.6
71-43-2	Benzene	78.11	0.15	J	0.20	0.044
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: AA-01_20250929 Lab Sample ID: 460-336014-2

Matrix: Air Lab File ID: 7006X16.D

Analysis Method: TO 15 LL Date Collected: 09/29/2025 12:40

Sample wt/vol: 200 (mL) Date Analyzed: 10/06/2025 21:01

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.081		0.035	0.022
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
75-45-6	Chlorodifluoromethane	86.47	0.28	J	0.50	0.12
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
74-87-3	Chloromethane	50.49	0.43	J	0.50	0.15
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
110-82-7	Cyclohexane	84.16	0.068	J	0.20	0.032
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.015
75-71-8	Dichlorodifluoromethane	120.91	0.46	J	0.50	0.11
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoro ethane	187.38	0.20	U	0.20	0.053
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.055
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.11
540-84-1	2,2,4-Trimethylpentane	114.23	0.17	J	0.20	0.038
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	1.6
179601-23-1	m,p-Xylene	106.17	0.16	J	0.50	0.095
80-62-6	Methyl methacrylate	100.12	0.33	J	0.50	0.14
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
91-20-3	Naphthalene	128.17	0.38	U	0.38	0.30
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: AA-01_20250929 Lab Sample ID: 460-336014-2

Matrix: Air Lab File ID: 7006X16.D

Analysis Method: TO 15 LL Date Collected: 09/29/2025 12:40

Sample wt/vol: 200 (mL) Date Analyzed: 10/06/2025 21:01

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
108-88-3	Toluene	92.14	0.55		0.20	0.042
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-01-6	Trichloroethene	131.39	0.037	U	0.037	0.025
75-69-4	Trichlorofluoromethane	137.37	0.24		0.20	0.050
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
103-65-1	N-Propylbenzene	120.19	0.20	U	0.20	0.047
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061
106-97-8	n-Butane	58.12	0.73		0.50	0.20

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X16.D
 Lims ID: 460-336014-A-2
 Client ID: AA-01_20250929
 Sample Type: Client
 Inject. Date: 06-Oct-2025 21:01:24 ALS Bottle#: 6 Worklist Smp#: 15
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 460-336014-A-2
 Misc. Info.: 410-0162112-015
 Operator ID: sn105465 Instrument ID: HP8R004
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 07-Oct-2025 09:28:17 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1718

First Level Reviewer: D7UM

Date: 07-Oct-2025 08:59:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.376	3.376	0.000	78	30539	0.4633	
3 Chlorodifluoromethane	51	3.419	3.412	0.007	75	10392	0.2785	
5 Chloromethane	50	3.777	3.770	0.007	83	10196	0.4320	
124 Butane	43	4.006	4.006	0.000	35	32417	0.7317	M
12 Trichlorofluoromethane	101	5.410	5.410	0.000	71	14399	0.2398	
23 Acetone	43	6.377	6.377	0.000	99	248053	5.79	
20 Isopropyl alcohol	45	6.599	6.592	0.007	95	25418	0.8010	
22 Methylene Chloride	84	7.187	7.194	-0.007	60	2913	0.1281	
25 Hexane	56	8.111	8.118	-0.007	70	2372	0.1065	
43 2-Butanone (MEK)	72	9.185	9.178	0.007	94	3795	0.3113	
* 35 Chlorobromomethane (IS)	130	9.615	9.615	0.000	95	288530	10.0	
36 Cyclohexane	56	10.195	10.188	0.007	54	2788	0.0677	
40 Carbon tetrachloride	117	10.310	10.310	0.000	64	3897	0.0808	M
46 Benzene	78	10.589	10.596	-0.007	50	12411	0.1545	
44 Isooctane	57	10.776	10.783	-0.007	92	21081	0.1715	
* 50 1,4-Difluorobenzene	114	11.220	11.220	0.000	95	993648	10.0	
55 Methyl methacrylate	69	11.943	11.943	0.000	88	8262	0.3256	
60 4-Methyl-2-pentanone (MIBK)	43	12.874	12.867	0.007	82	9091	0.1469	
59 Toluene	91	13.132	13.132	0.000	79	55111	0.5504	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.465	0.000	88	972551	10.0	
72 m-Xylene & p-Xylene	91	14.665	14.665	0.000	93	14403	0.1605	

\$ 110 BFB

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

AIRIS200 ppb_00532

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 07-Oct-2025 09:28:21

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X16.D

Injection Date: 06-Oct-2025 21:01:24

Instrument ID: HP8R004

Lims ID: 460-336014-A-2

Lab Sample ID: 410-336014-2

Client ID: AA-01_20250929

Operator ID: sn105465

ALS Bottle#: 6

Worklist Smp#: 15

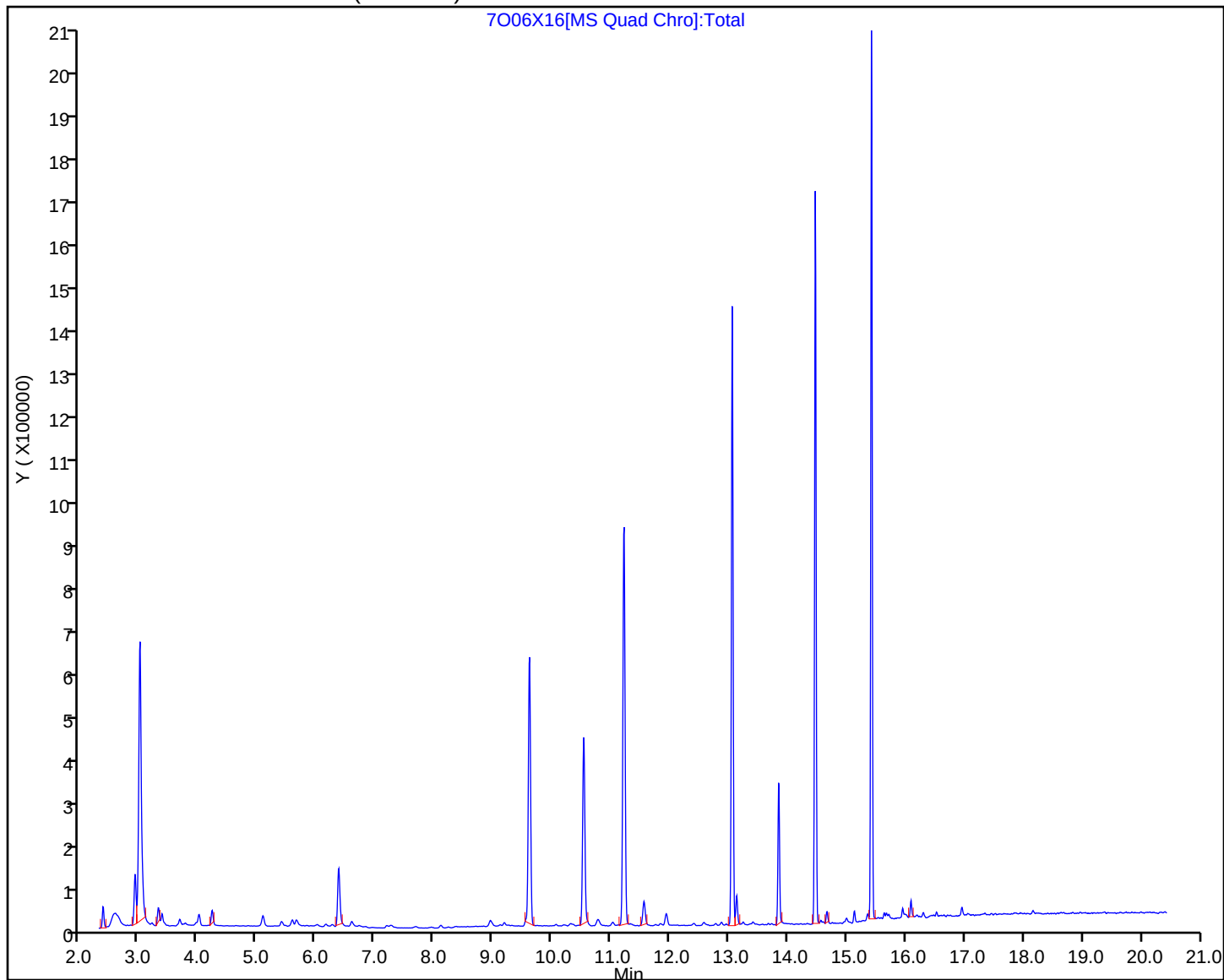
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X16.D

Injection Date: 06-Oct-2025 21:01:24

Instrument ID: HP8R004

Lims ID: 460-336014-A-2

Lab Sample ID: 410-336014-2

Client ID: AA-01_20250929

Operator ID: sn105465

ALS Bottle#: 6

Worklist Smp#: 15

Purge Vol: 200.000 mL

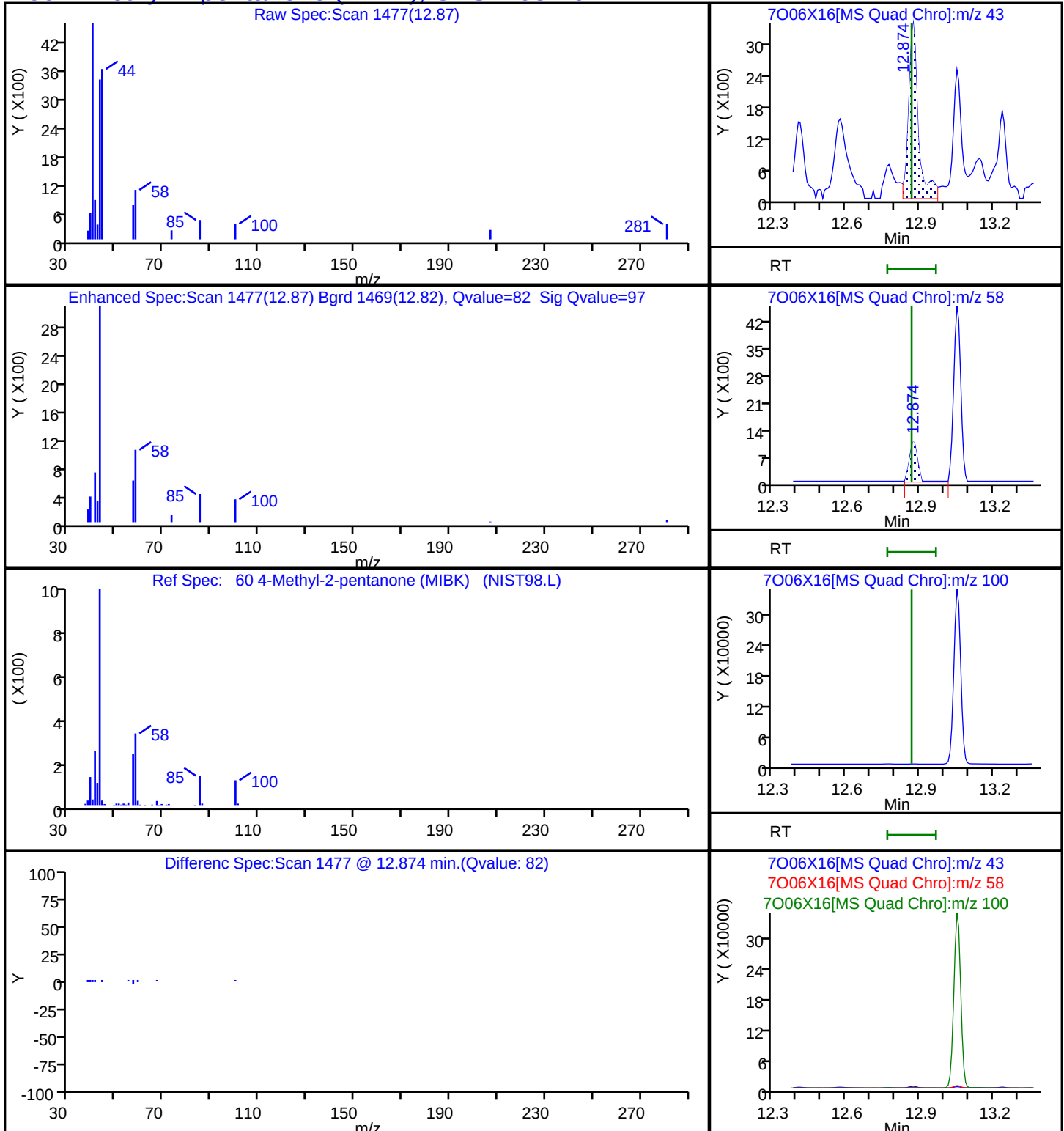
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X16.D

Injection Date: 06-Oct-2025 21:01:24

Instrument ID: HP8R004

Lims ID: 460-336014-A-2

Lab Sample ID: 410-336014-2

Client ID: AA-01_20250929

Operator ID: sn105465

ALS Bottle#: 6

Worklist Smp#: 15

Purge Vol: 200.000 mL

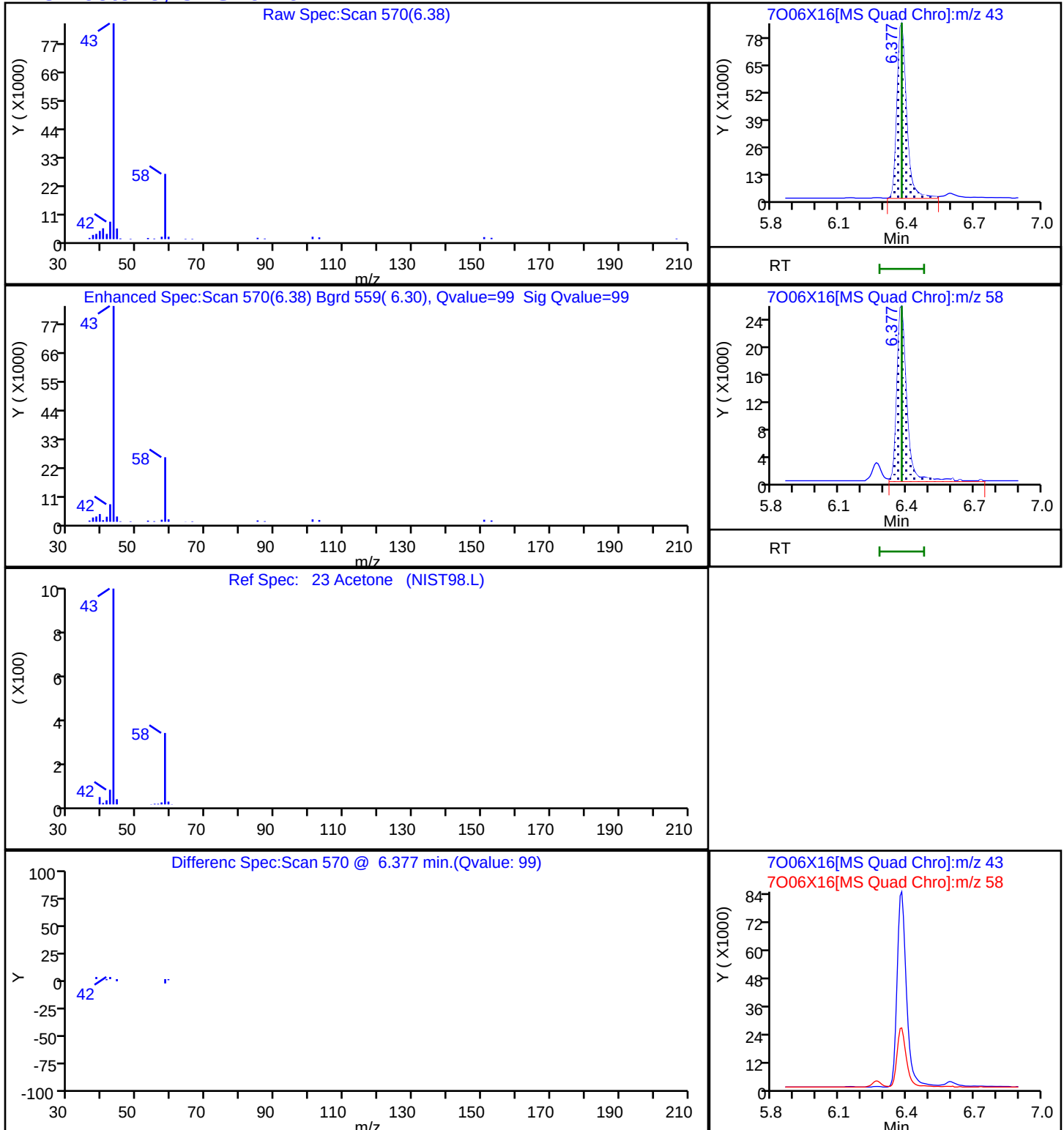
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

23 Acetone, CAS: 67-64-1

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X16.D

Injection Date: 06-Oct-2025 21:01:24

Instrument ID: HP8R004

Lims ID: 460-336014-A-2

Lab Sample ID: 410-336014-2

Client ID: AA-01_20250929

Operator ID: sn105465

ALS Bottle#: 6

Worklist Smp#: 15

Purge Vol: 200.000 mL

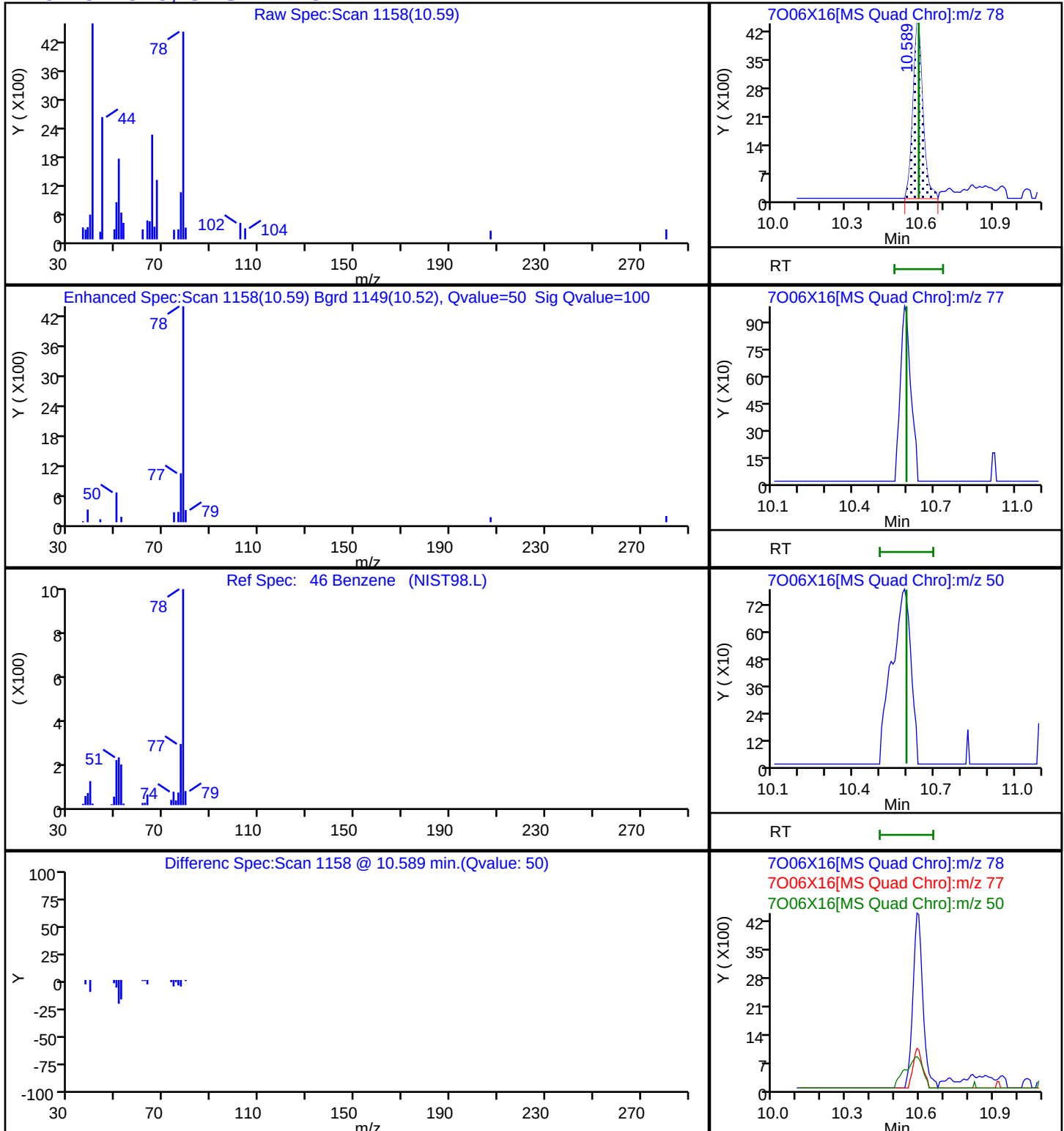
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

46 Benzene, CAS: 71-43-2

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X16.D

Injection Date: 06-Oct-2025 21:01:24

Instrument ID: HP8R004

Lims ID: 460-336014-A-2

Lab Sample ID: 410-336014-2

Client ID: AA-01_20250929

Operator ID: sn105465

ALS Bottle#: 6

Worklist Smp#: 15

Purge Vol: 200.000 mL

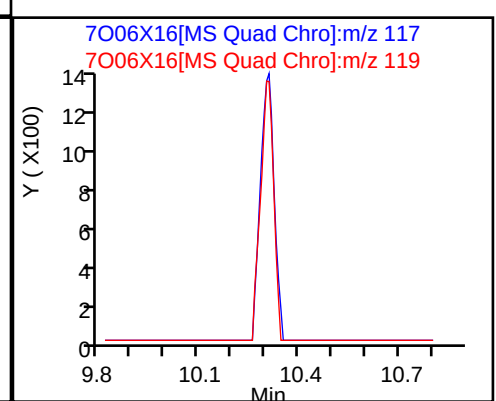
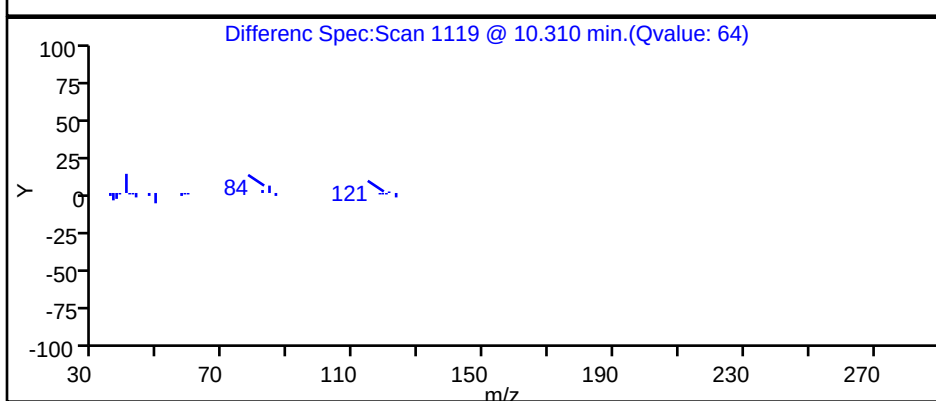
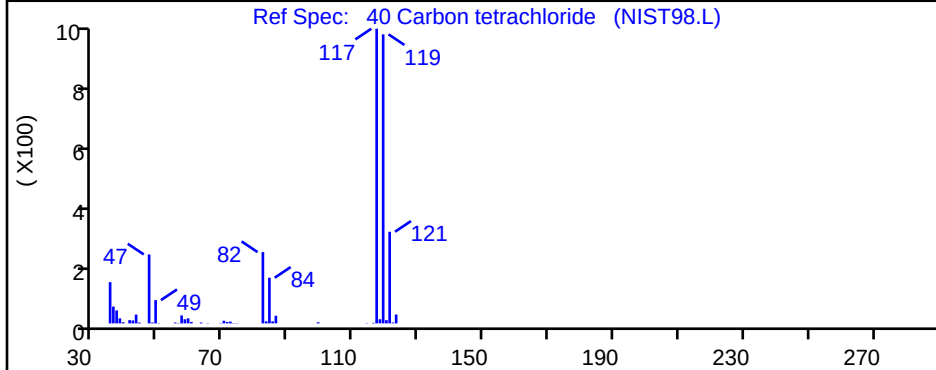
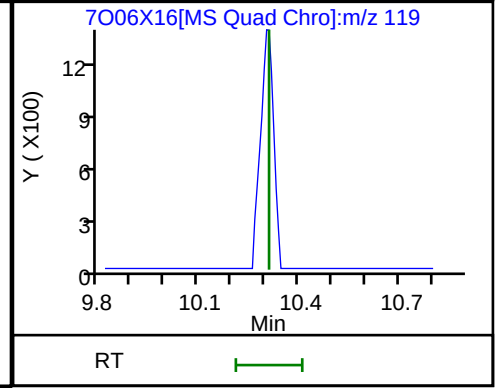
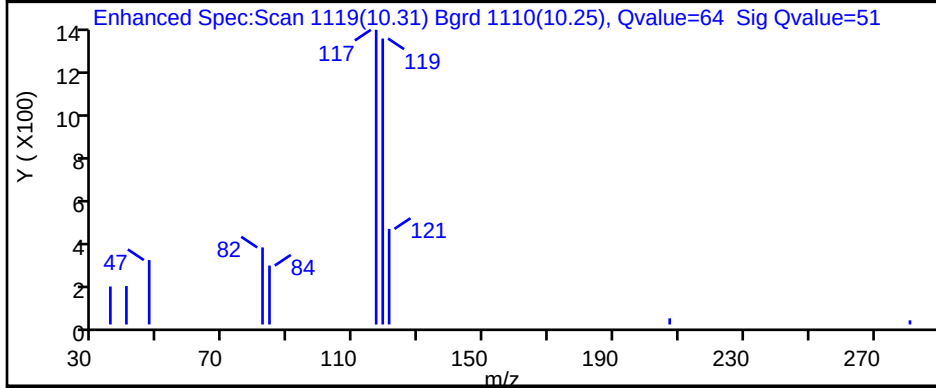
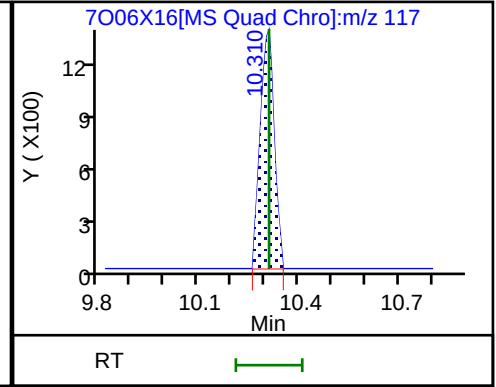
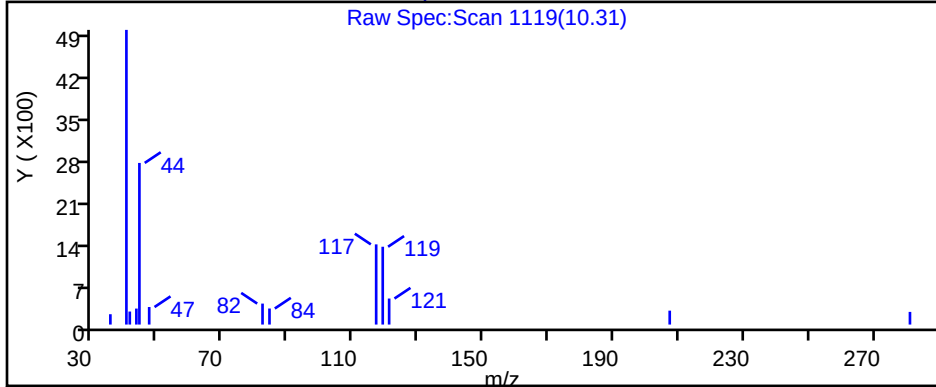
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

40 Carbon tetrachloride, CAS: 56-23-5

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X16.D

Injection Date: 06-Oct-2025 21:01:24

Instrument ID: HP8R004

Lims ID: 460-336014-A-2

Lab Sample ID: 410-336014-2

Client ID: AA-01_20250929

Operator ID: sn105465

ALS Bottle#: 6

Worklist Smp#: 15

Purge Vol: 200.000 mL

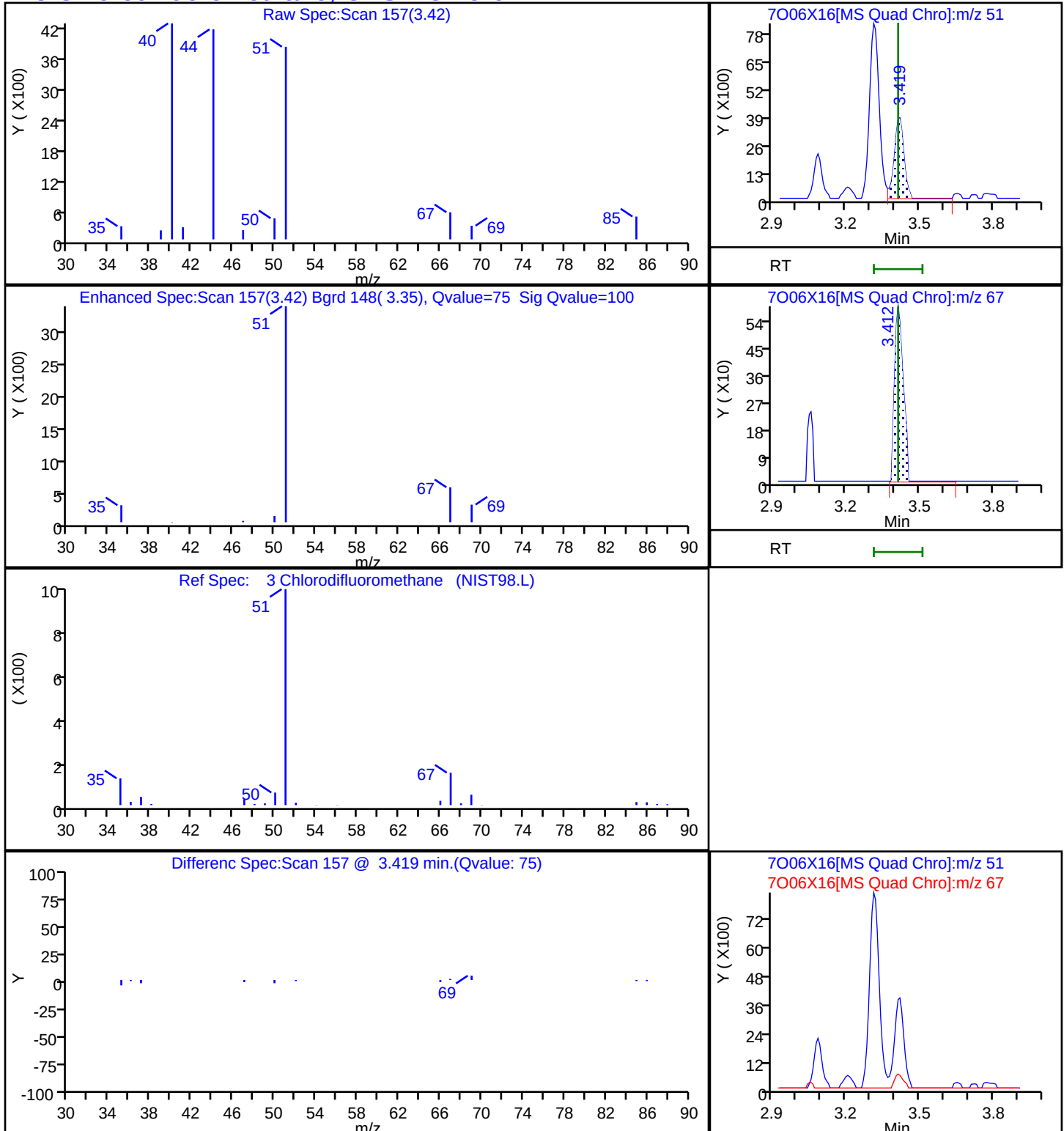
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

3 Chlorodifluoromethane, CAS: 75-45-6

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X16.D

Injection Date: 06-Oct-2025 21:01:24

Instrument ID: HP8R004

Lims ID: 460-336014-A-2

Lab Sample ID: 410-336014-2

Client ID: AA-01_20250929

Operator ID: sn105465

ALS Bottle#: 6

Worklist Smp#: 15

Purge Vol: 200.000 mL

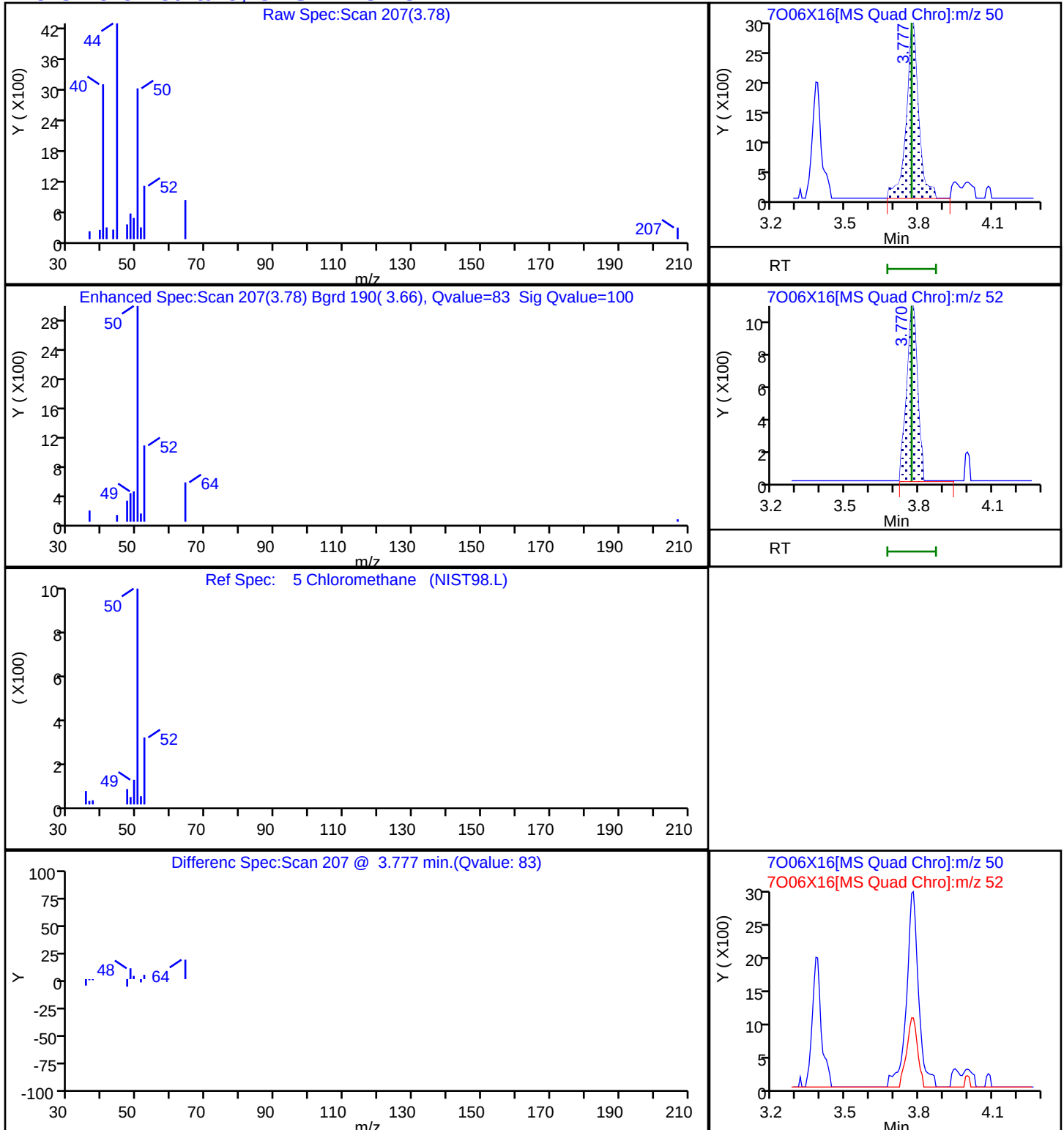
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

5 Chloromethane, CAS: 74-87-3

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X16.D

Injection Date: 06-Oct-2025 21:01:24

Instrument ID: HP8R004

Lims ID: 460-336014-A-2

Lab Sample ID: 410-336014-2

Client ID: AA-01_20250929

Operator ID: sn105465

ALS Bottle#: 6

Worklist Smp#: 15

Purge Vol: 200.000 mL

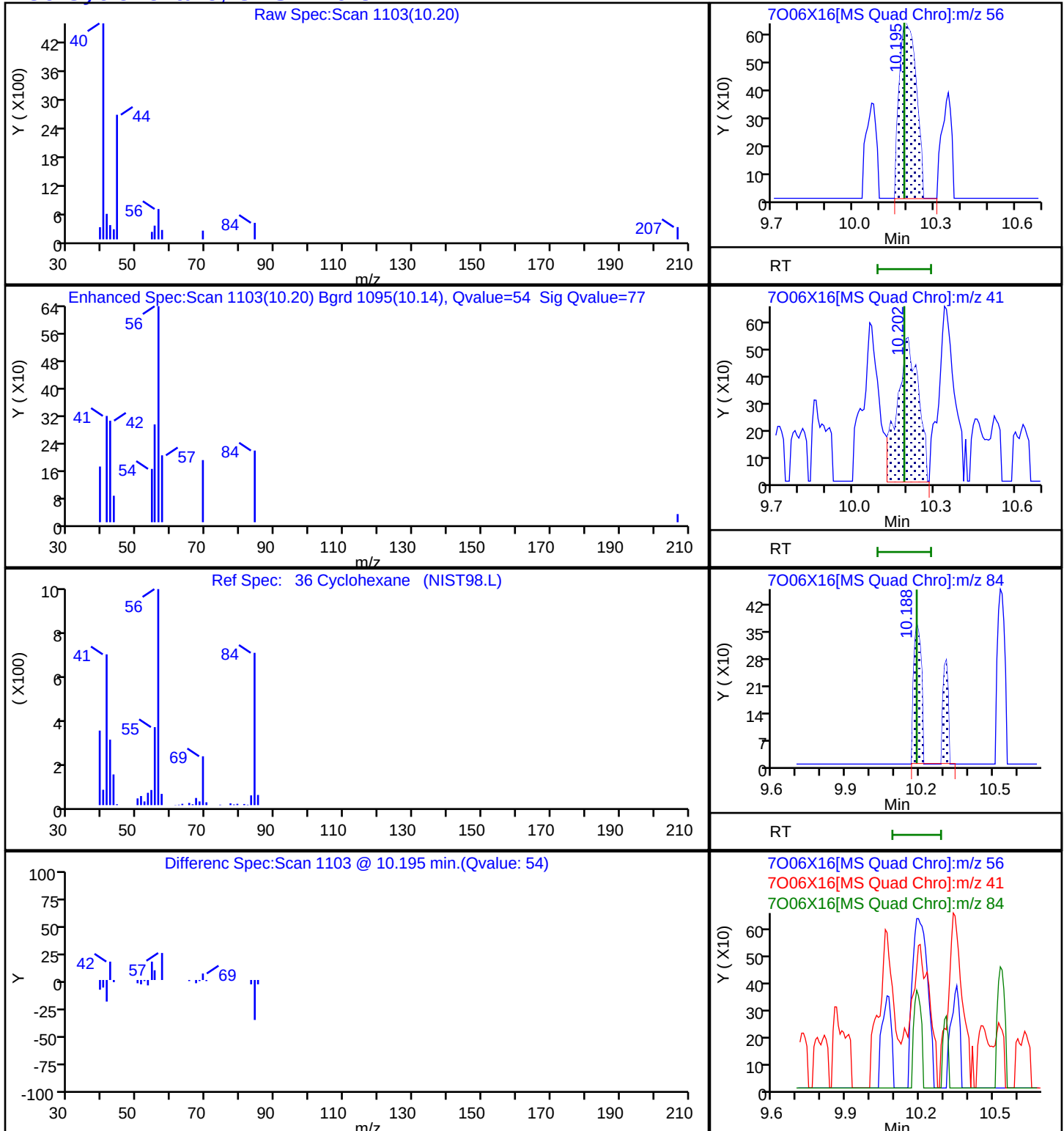
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

36 Cyclohexane, CAS: 110-82-7

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X16.D

Injection Date: 06-Oct-2025 21:01:24

Instrument ID: HP8R004

Lims ID: 460-336014-A-2

Lab Sample ID: 410-336014-2

Client ID: AA-01_20250929

Operator ID: sn105465

ALS Bottle#: 6

Worklist Smp#: 15

Purge Vol: 200.000 mL

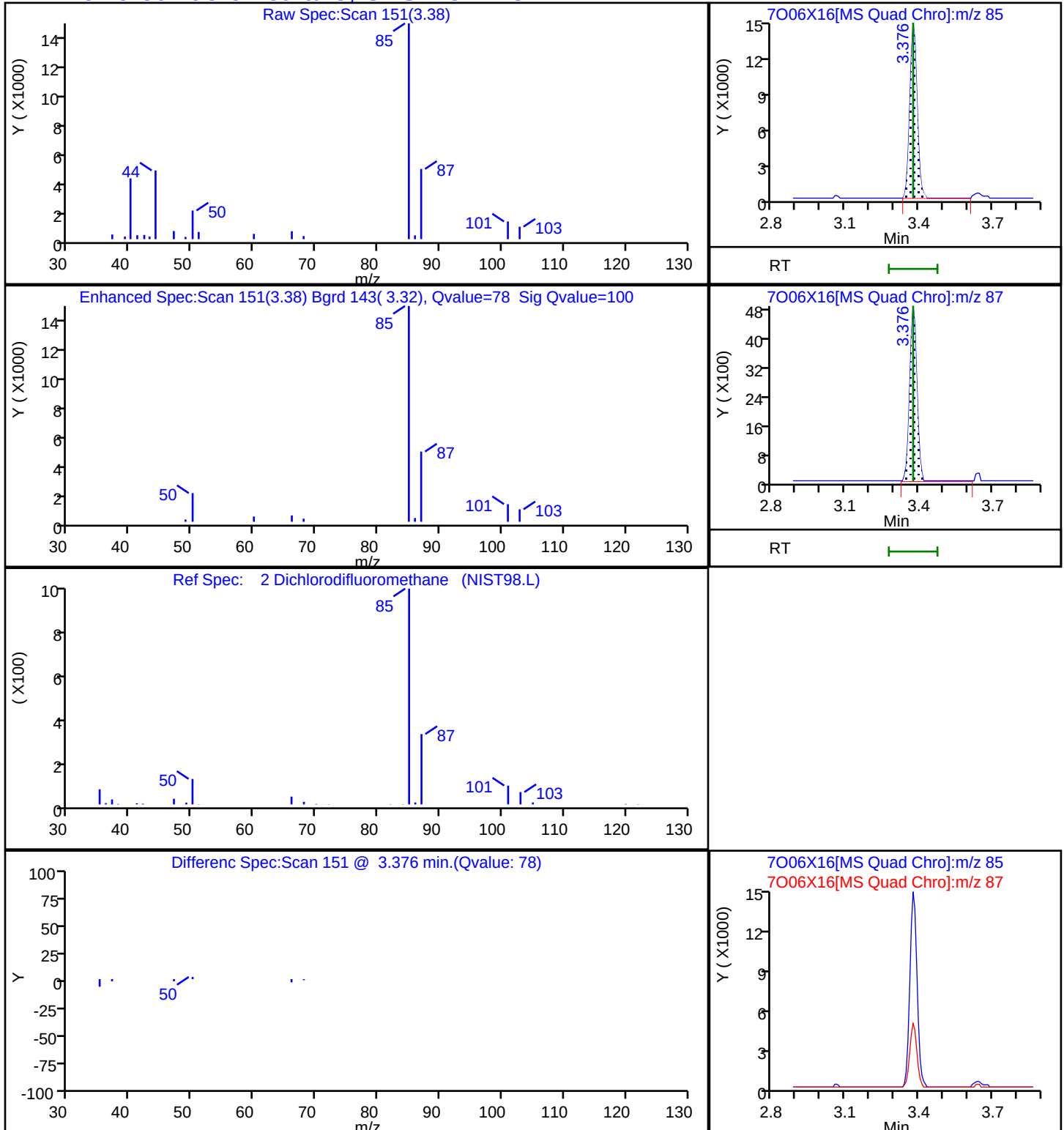
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

2 Dichlorodifluoromethane, CAS: 75-71-8

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X16.D

Injection Date: 06-Oct-2025 21:01:24

Instrument ID: HP8R004

Lims ID: 460-336014-A-2

Lab Sample ID: 410-336014-2

Client ID: AA-01_20250929

Operator ID: sn105465

ALS Bottle#: 6

Worklist Smp#: 15

Purge Vol: 200.000 mL

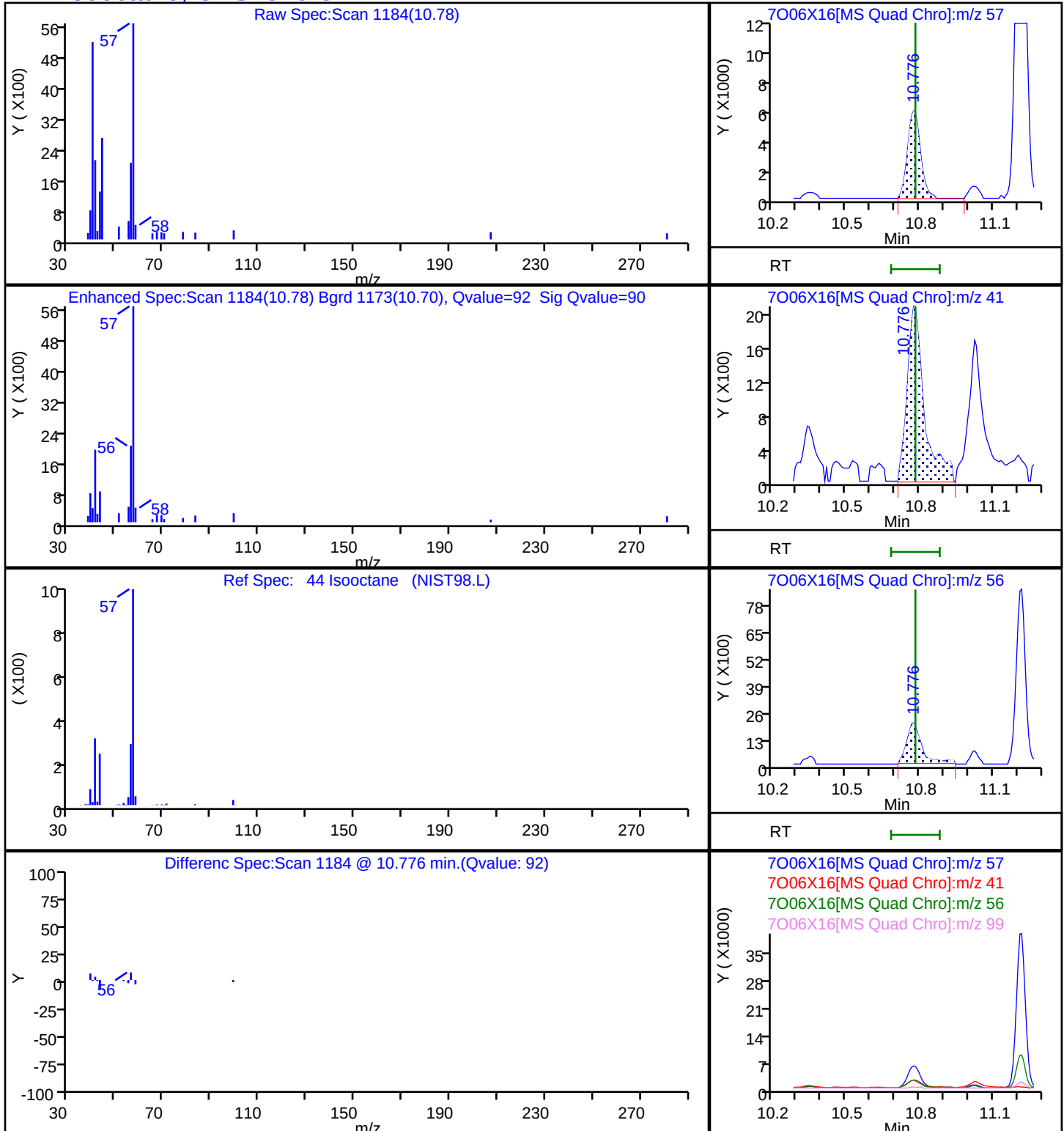
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

44 Isooctane, CAS: 540-84-1

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X16.D

Injection Date: 06-Oct-2025 21:01:24

Instrument ID: HP8R004

Lims ID: 460-336014-A-2

Lab Sample ID: 410-336014-2

Client ID: AA-01_20250929

Operator ID: sn105465

ALS Bottle#: 6

Worklist Smp#: 15

Purge Vol: 200.000 mL

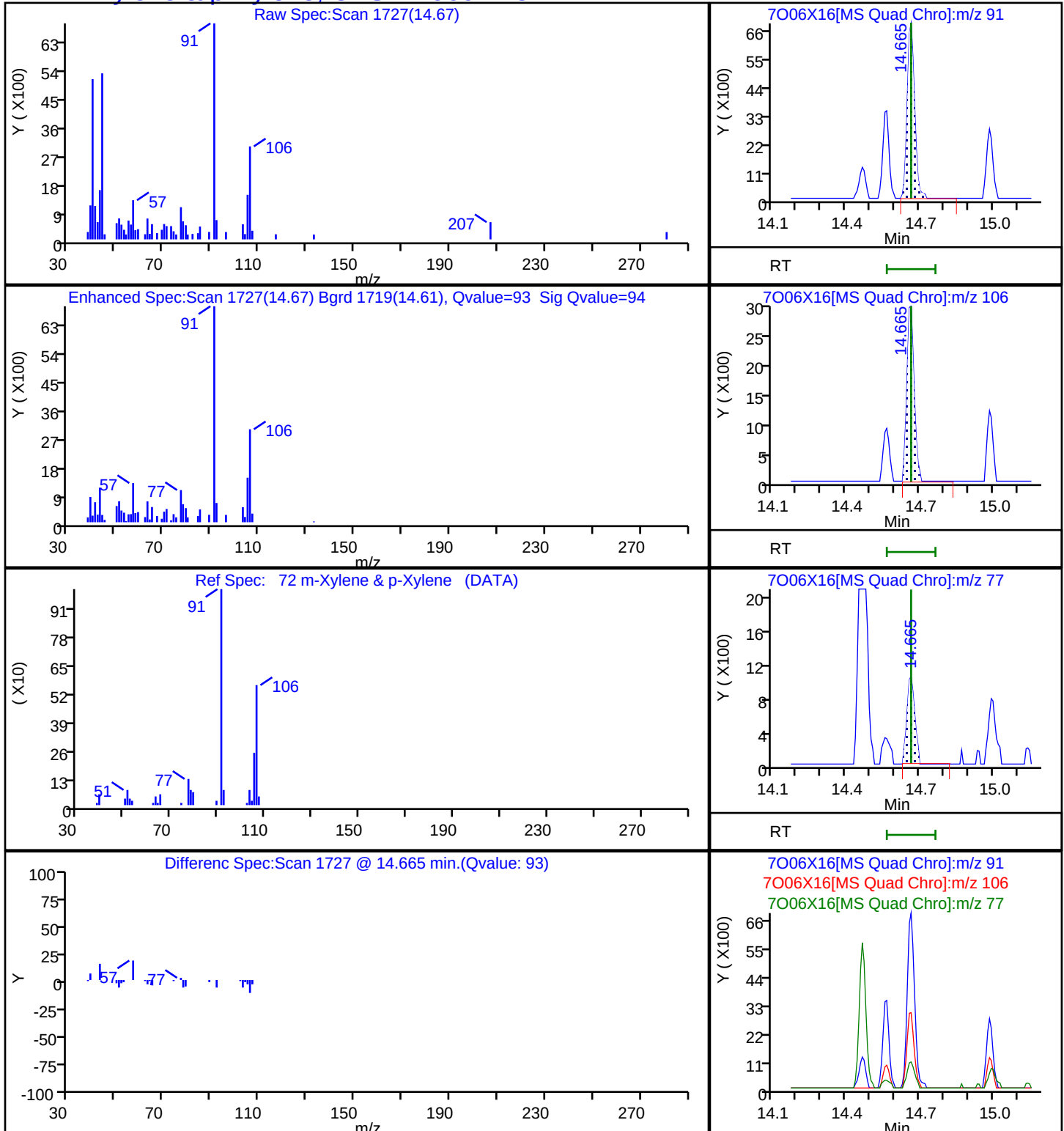
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

72 m-Xylene & p-Xylene, CAS: 179601-23-1

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X16.D

Injection Date: 06-Oct-2025 21:01:24

Instrument ID: HP8R004

Lims ID: 460-336014-A-2

Lab Sample ID: 410-336014-2

Client ID: AA-01_20250929

Operator ID: sn105465

ALS Bottle#: 6

Worklist Smp#: 15

Purge Vol: 200.000 mL

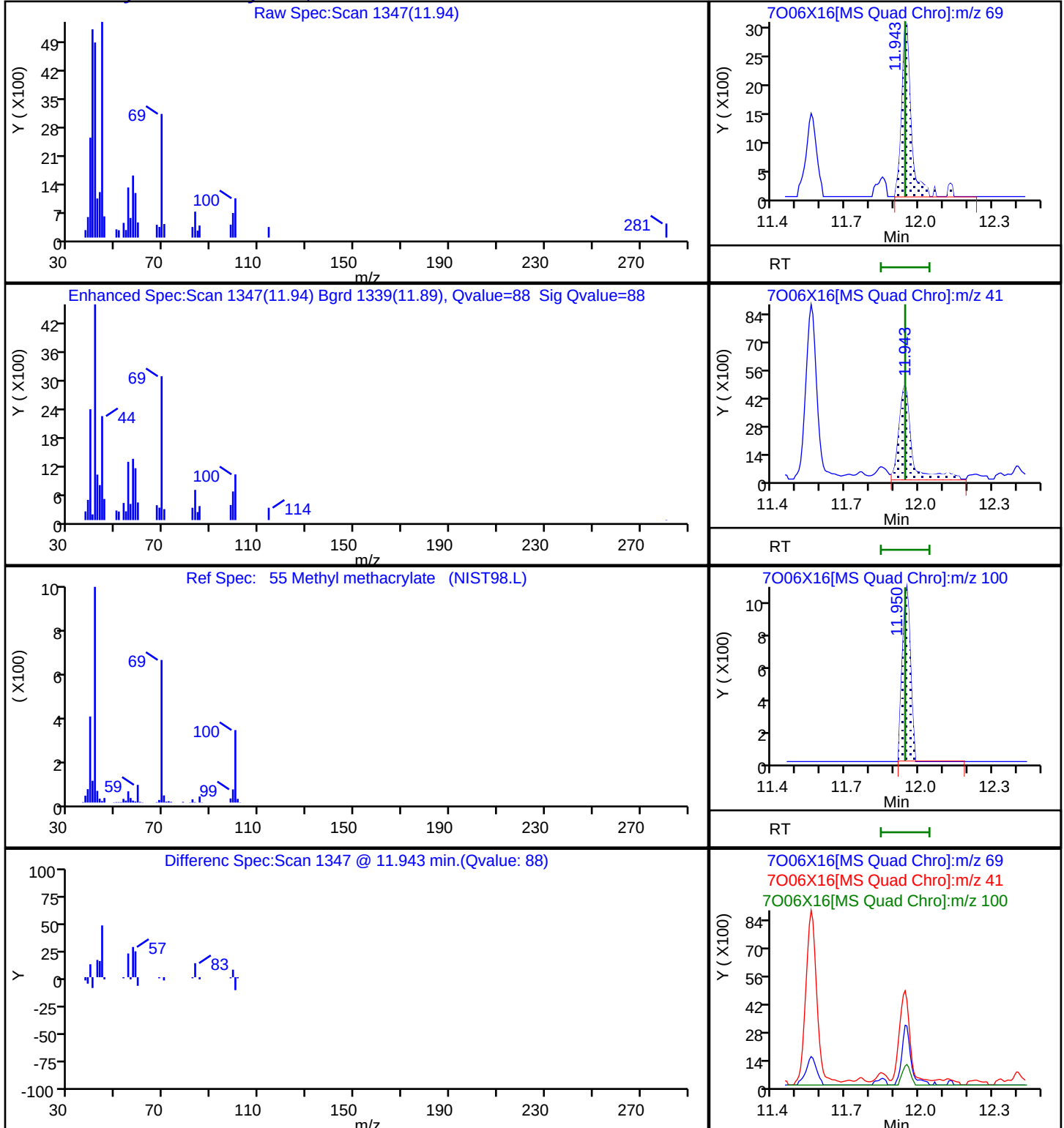
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

55 Methyl methacrylate, CAS: 80-62-6

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X16.D

Injection Date: 06-Oct-2025 21:01:24

Instrument ID: HP8R004

Lims ID: 460-336014-A-2

Lab Sample ID: 410-336014-2

Client ID: AA-01_20250929

Operator ID: sn105465

ALS Bottle#: 6

Worklist Smp#: 15

Purge Vol: 200.000 mL

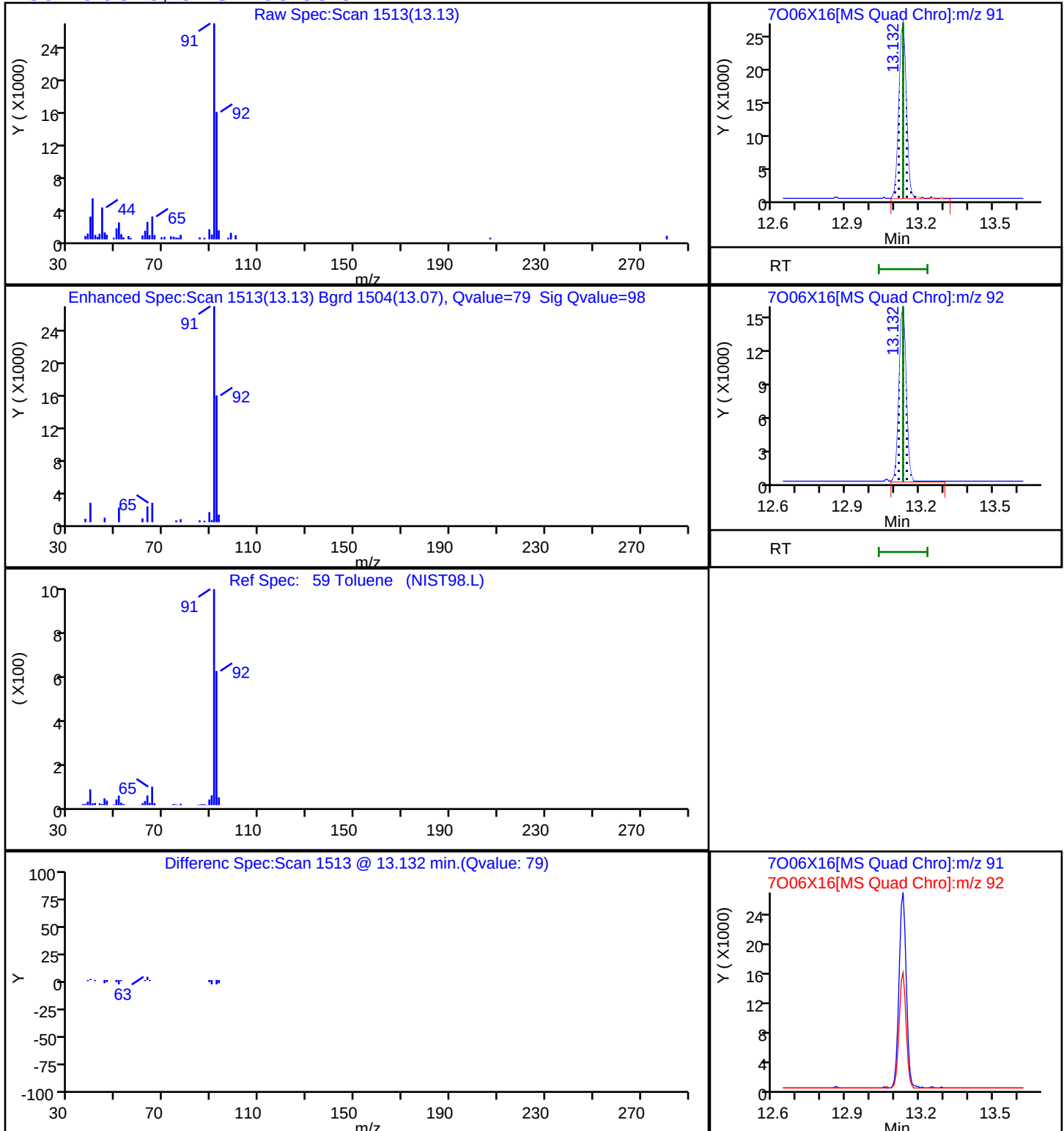
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

59 Toluene, CAS: 108-88-3

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X16.D

Injection Date: 06-Oct-2025 21:01:24

Instrument ID: HP8R004

Lims ID: 460-336014-A-2

Lab Sample ID: 410-336014-2

Client ID: AA-01_20250929

Operator ID: sn105465

ALS Bottle#: 6

Worklist Smp#: 15

Purge Vol: 200.000 mL

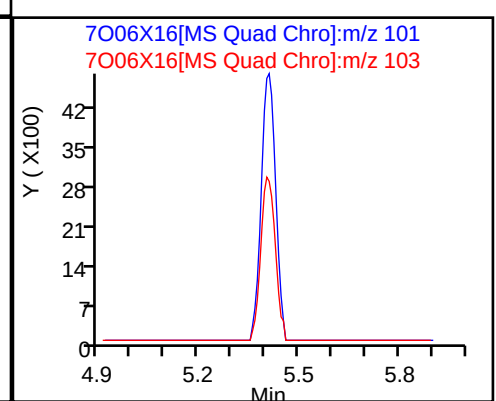
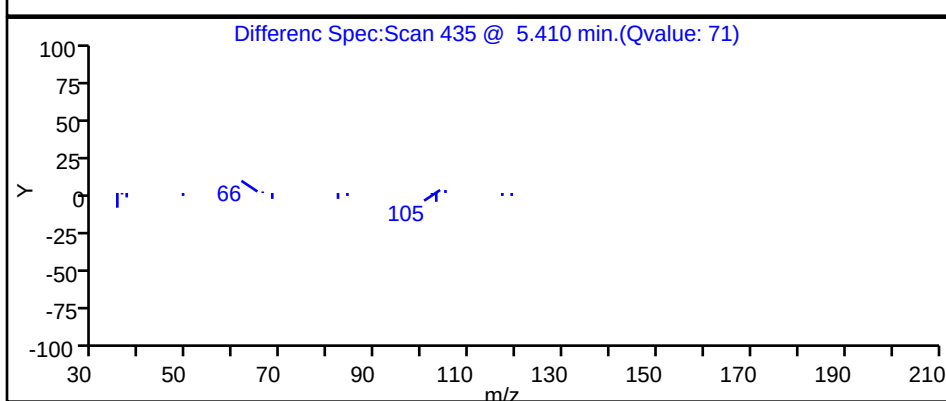
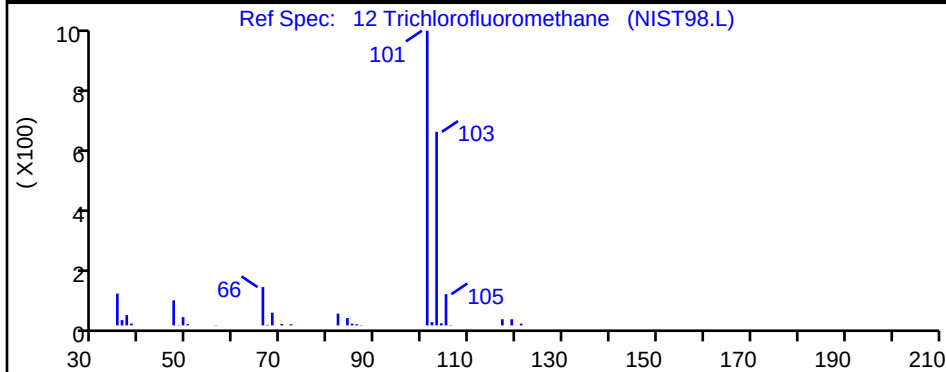
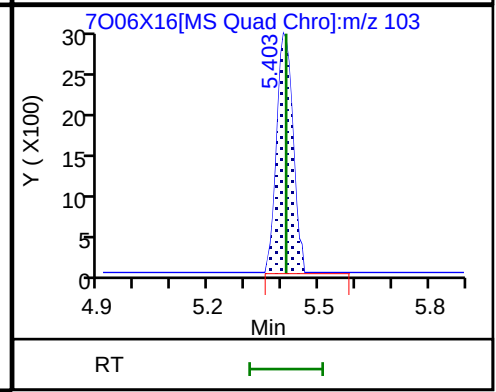
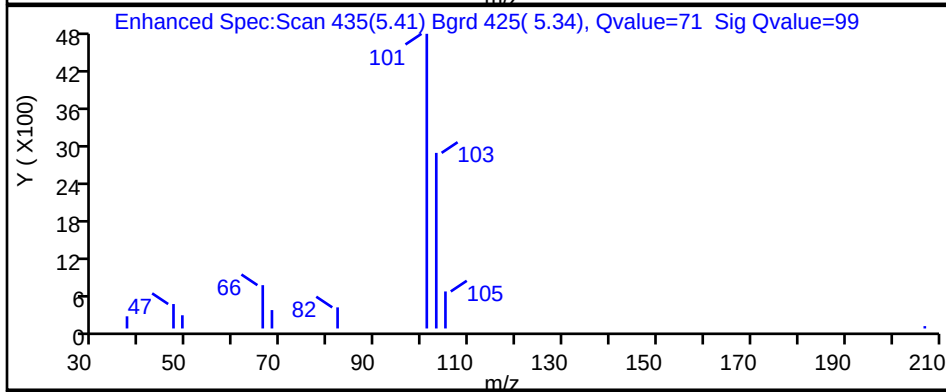
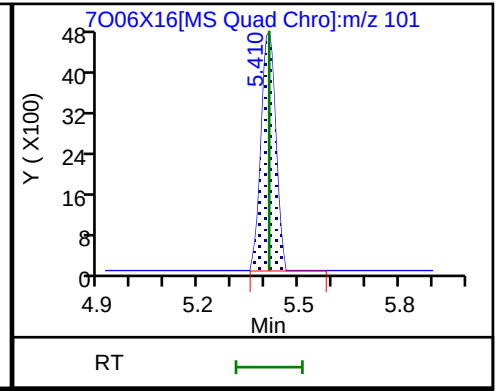
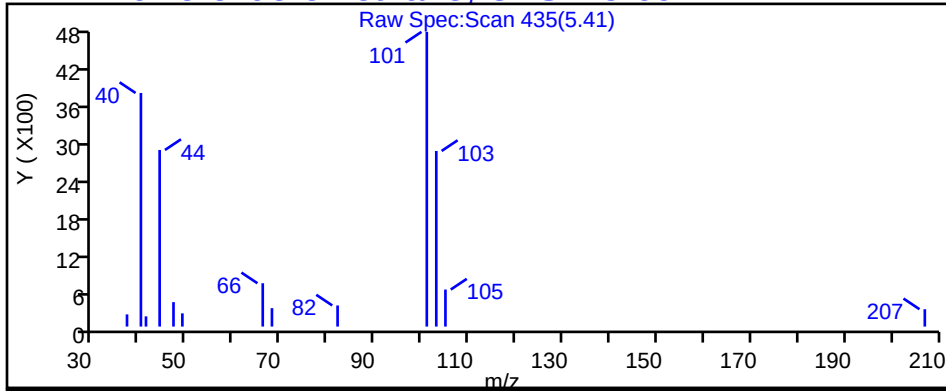
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X16.D

Injection Date: 06-Oct-2025 21:01:24

Instrument ID: HP8R004

Lims ID: 460-336014-A-2

Lab Sample ID: 410-336014-2

Client ID: AA-01_20250929

Operator ID: sn105465

ALS Bottle#: 6

Worklist Smp#: 15

Purge Vol: 200.000 mL

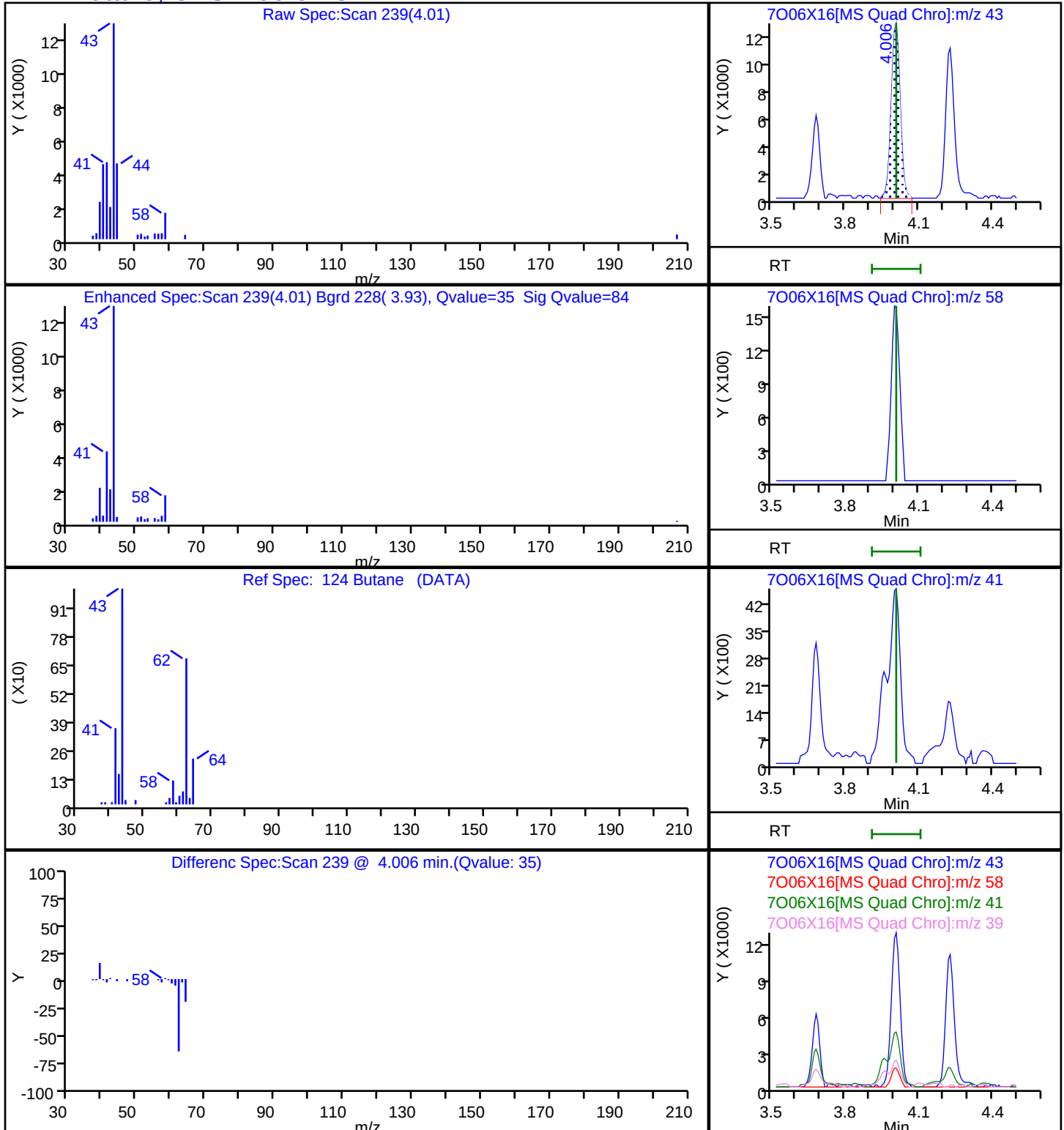
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

124 Butane, CAS: 106-97-8

Eurofins Lancaster Laboratories Environment Testing, LLC

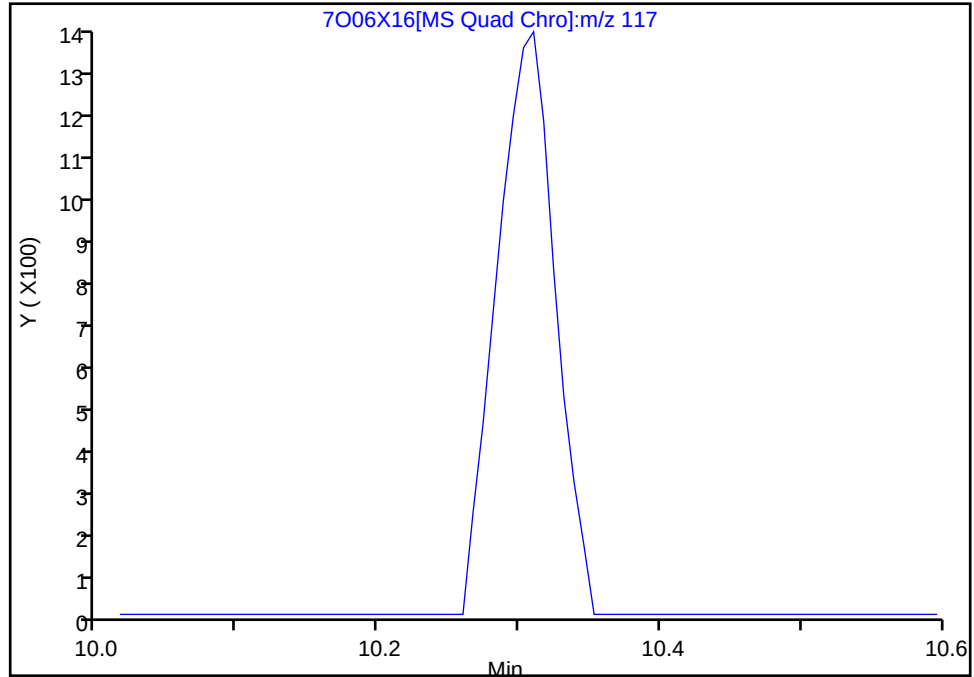
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Injection Date:	06-Oct-2025 21:01:24	Instrument ID:	HP8R004		
Lims ID:	460-336014-A-2	Lab Sample ID:	410-336014-2		
Client ID:	AA-01_20250929				
Operator ID:	sn105465	ALS Bottle#:	6	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15LLMethods_HP8R004	Limit Group:	MSV - TO15_LL_NY		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector:	MS Quad		

40 Carbon tetrachloride, CAS: 56-23-5

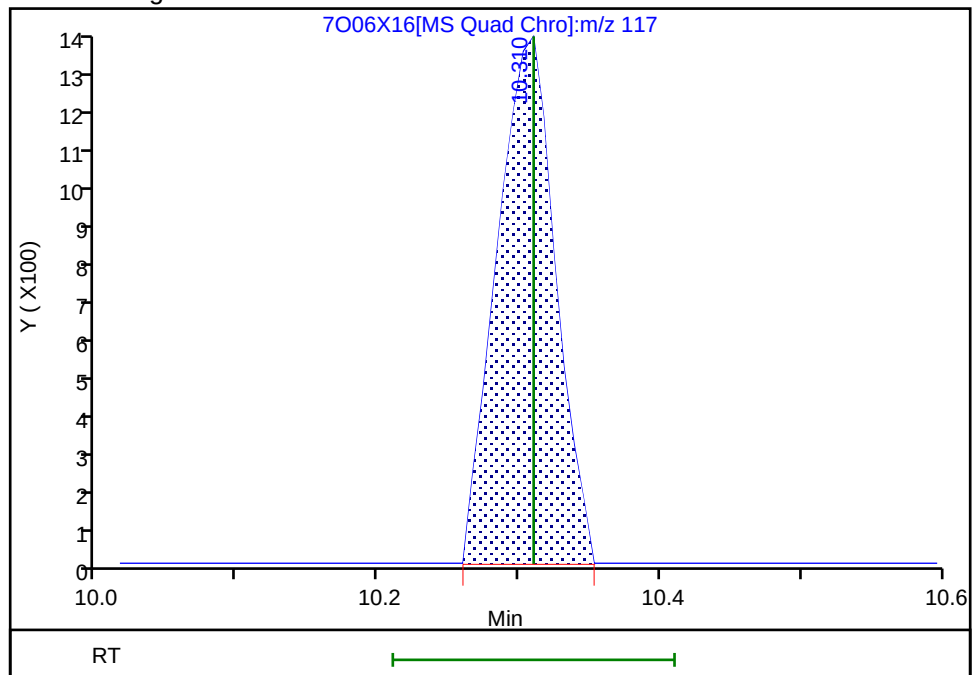
Signal: 1

Not Detected
Expected RT: 10.31

Processing Integration Results



Manual Integration Results



RT: 10.31
Area: 3897
Amount: 0.080822
Amount Units: ppb v/v

Reviewer: D7UM, 07-Oct-2025 08:58:37 -04:00:00 (UTC)

Audit Action: Manually Integrated

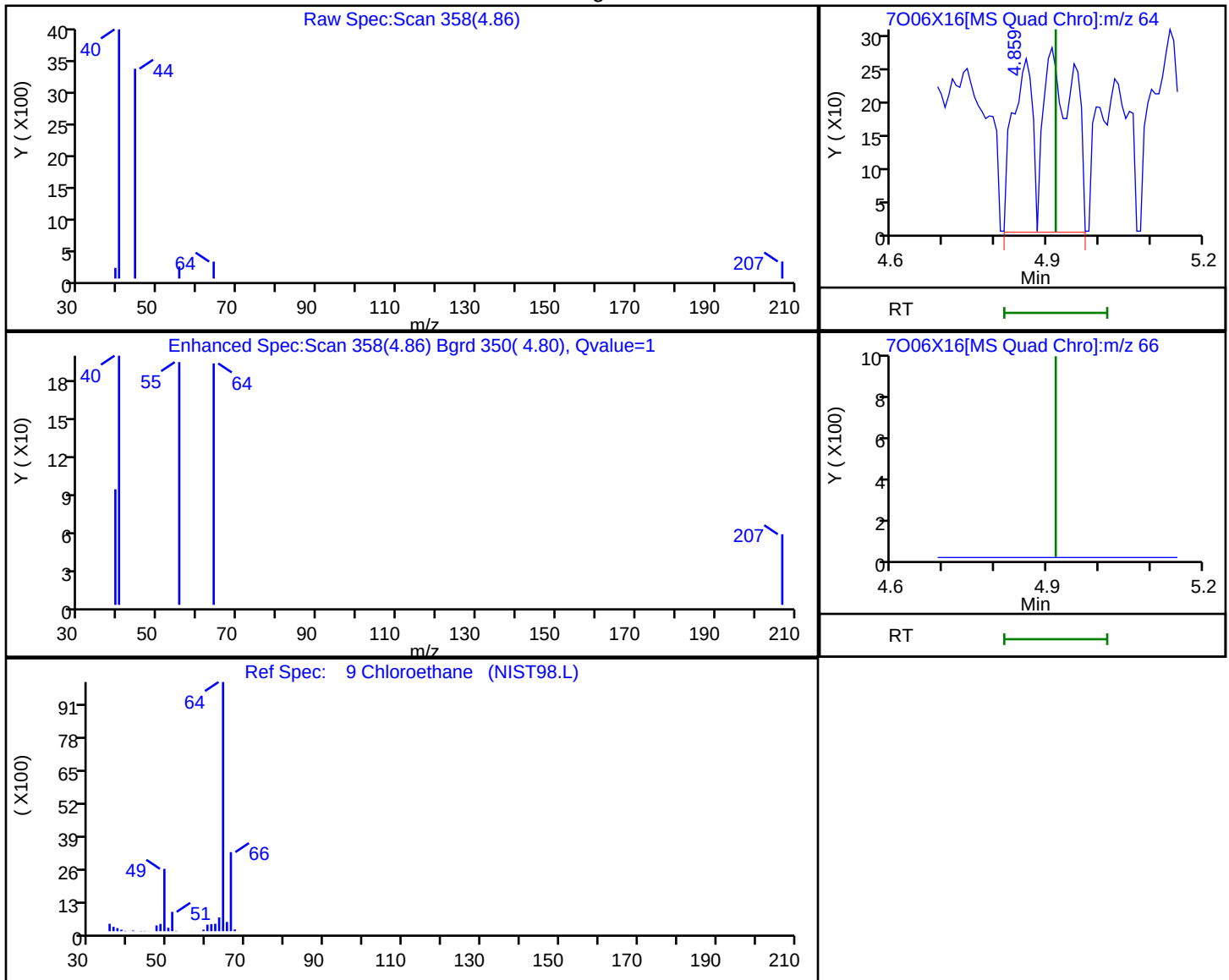
Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X16.D
Injection Date: 06-Oct-2025 21:01:24 Instrument ID: HP8R004
Lims ID: 460-336014-A-2 Lab Sample ID: 410-336014-2
Client ID: AA-01_20250929
Operator ID: sn105465 ALS Bottle#: 6 Worklist Smp#: 15
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

9 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
4.86	64.00	1823	0.125607
4.92	66.00	0	

Reviewer: D7UM, 07-Oct-2025 08:58:08 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

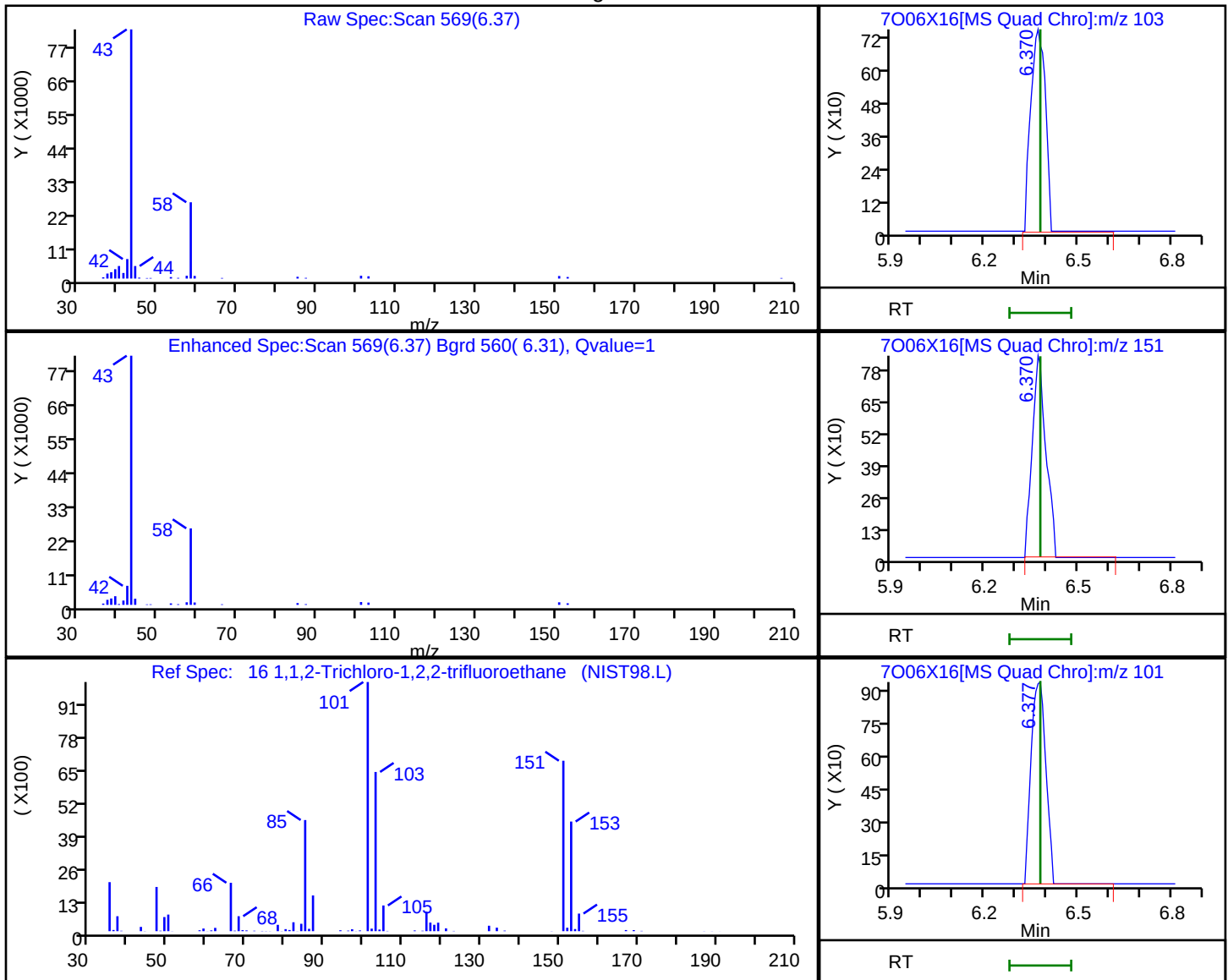
Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X16.D
Injection Date: 06-Oct-2025 21:01:24 Instrument ID: HP8R004
Lims ID: 460-336014-A-2 Lab Sample ID: 410-336014-2
Client ID: AA-01_20250929
Operator ID: sn105465 ALS Bottle#: 6 Worklist Smp#: 15
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
6.37	103.00	2459	0.082120
6.37	151.00	2575	
6.38	101.00	3098	

Reviewer: D7UM, 07-Oct-2025 08:58:19 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

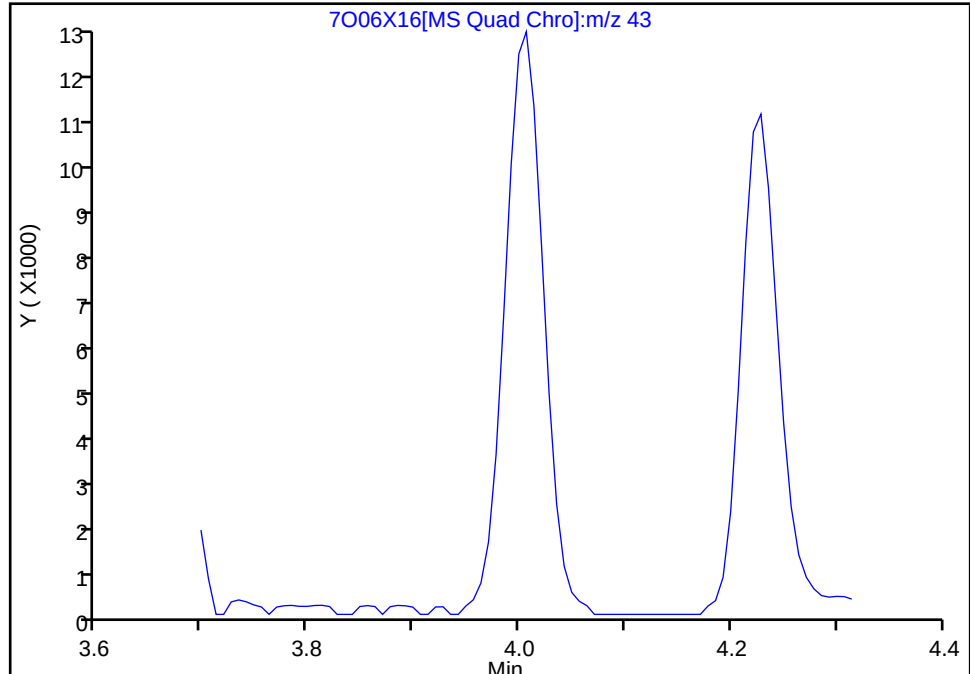
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X16.D				
Injection Date:	06-Oct-2025 21:01:24	Instrument ID:	HP8R004		
Lims ID:	460-336014-A-2	Lab Sample ID:	410-336014-2		
Client ID:	AA-01_20250929				
Operator ID:	sn105465	ALS Bottle#:	6	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15LLMethods_HP8R004	Limit Group:	MSV - TO15_LL_NY		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector:	MS Quad		

124 Butane, CAS: 106-97-8

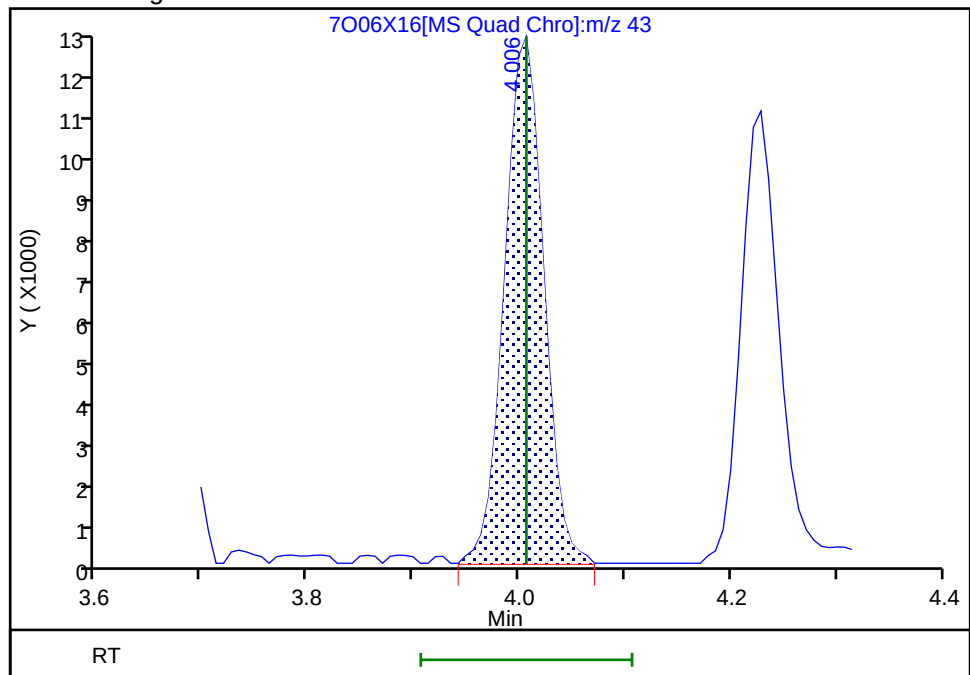
Signal: 1

Not Detected
Expected RT: 4.01

Processing Integration Results



Manual Integration Results



Reviewer: D7UM, 07-Oct-2025 08:58:03 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: SV-03_20250930 Lab Sample ID: 460-336049-1

Matrix: Air Lab File ID: 7006X37.D

Analysis Method: TO 15 LL Date Collected: 09/30/2025 12:52

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 11:10

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.38
95-63-6	1,2,4-Trimethylbenzene	120.20	110		0.98	0.39
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
108-67-8	1,3,5-Trimethylbenzene	120.20	41		0.98	0.23
106-99-0	1,3-Butadiene	54.09	0.74		0.44	0.086
541-73-1	1,3-Dichlorobenzene	147.00	2.3		1.2	0.45
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
123-91-1	1,4-Dioxane	88.11	18	U	18	0.17
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	6.3		1.5	1.5
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.3		2.1	0.53
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	42		2.1	0.62
67-64-1	Acetone	58.08	28		12	3.8
71-43-2	Benzene	78.11	14		0.64	0.14
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.88	U	0.88	0.22
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-15-0	Carbon disulfide	76.14	3.9		1.6	0.41

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: SV-03_20250930 Lab Sample ID: 460-336049-1

Matrix: Air Lab File ID: 7006X37.D

Analysis Method: TO 15 LL Date Collected: 09/30/2025 12:52

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 11:10

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.46		0.22	0.14
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
75-45-6	Chlorodifluoromethane	86.47	1.1	J	1.8	0.42
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.48
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
67-66-3	Chloroform	119.38	0.62	J	0.98	0.20
74-87-3	Chloromethane	50.49	0.38	J	1.0	0.31
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
110-82-7	Cyclohexane	84.16	15		0.69	0.11
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.13
75-71-8	Dichlorodifluoromethane	120.91	2.1	J	2.5	0.54
100-41-4	Ethylbenzene	106.17	72		0.87	0.23
76-13-1	1,1,2-Trichlorotrifluoro ethane	187.38	1.5	U	1.5	0.41
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
142-82-5	n-Heptane	100.21	25		0.82	0.23
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
110-54-3	n-Hexane	86.17	16		1.8	0.39
540-84-1	2,2,4-Trimethylpentane	114.23	25		0.93	0.18
98-82-8	Cumene	120.19	20		0.98	0.20
67-63-0	Isopropyl alcohol	60.10	12	U	12	3.9
179601-23-1	m,p-Xylene	106.17	300		2.2	0.41
80-62-6	Methyl methacrylate	100.12	2.1	U	2.1	0.57
1634-04-4	Methyl tert-butyl ether	88.15	0.62	J	0.72	0.13
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
91-20-3	Naphthalene	128.17	2.3		2.0	1.6
95-47-6	o-Xylene	106.17	130		0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
127-18-4	Tetrachloroethene	165.83	120		1.4	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: SV-03_20250930 Lab Sample ID: 460-336049-1

Matrix: Air Lab File ID: 7006X37.D

Analysis Method: TO 15 LL Date Collected: 09/30/2025 12:52

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 11:10

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
108-88-3	Toluene	92.14	170		0.75	0.16
156-60-5	trans-1,2-Dichloroethene	96.94	0.61	J	0.79	0.091
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-01-6	Trichloroethene	131.39	7.2		0.20	0.13
75-69-4	Trichlorofluoromethane	137.37	5.9		1.1	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
103-65-1	N-Propylbenzene	120.19	23		0.98	0.23
104-51-8	n-Butylbenzene	134.22	3.3		1.1	0.60
135-98-8	sec-Butylbenzene	134.22	2.5		1.1	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.34
106-97-8	n-Butane	58.12	12		1.2	0.48

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: SV-03_20250930 Lab Sample ID: 460-336049-1

Matrix: Air Lab File ID: 7006X37.D

Analysis Method: TO 15 LL Date Collected: 09/30/2025 12:52

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 11:10

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
75-35-4	1,1-Dichloroethene	96.94	0.050	U	0.050	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.051
95-63-6	1,2,4-Trimethylbenzene	120.20	23		0.20	0.080
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
108-67-8	1,3,5-Trimethylbenzene	120.20	8.3		0.20	0.047
106-99-0	1,3-Butadiene	54.09	0.33		0.20	0.039
541-73-1	1,3-Dichlorobenzene	147.00	0.39		0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.047
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	2.1		0.50	0.49
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.57		0.50	0.13
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10		0.50	0.15
67-64-1	Acetone	58.08	12		5.0	1.6
71-43-2	Benzene	78.11	4.3		0.20	0.044
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-15-0	Carbon disulfide	76.14	1.2		0.50	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: SV-03_20250930 Lab Sample ID: 460-336049-1

Matrix: Air Lab File ID: 7006X37.D

Analysis Method: TO 15 LL Date Collected: 09/30/2025 12:52

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 11:10

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.074		0.035	0.022
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
75-45-6	Chlorodifluoromethane	86.47	0.30	J	0.50	0.12
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
67-66-3	Chloroform	119.38	0.13	J	0.20	0.041
74-87-3	Chloromethane	50.49	0.18	J	0.50	0.15
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
110-82-7	Cyclohexane	84.16	4.3		0.20	0.032
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.015
75-71-8	Dichlorodifluoromethane	120.91	0.43	J	0.50	0.11
100-41-4	Ethylbenzene	106.17	17		0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoro ethane	187.38	0.20	U	0.20	0.053
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
142-82-5	n-Heptane	100.21	6.0		0.20	0.055
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
110-54-3	n-Hexane	86.17	4.4		0.50	0.11
540-84-1	2,2,4-Trimethylpentane	114.23	5.4		0.20	0.038
98-82-8	Cumene	120.19	4.1		0.20	0.041
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	1.6
179601-23-1	m,p-Xylene	106.17	70		0.50	0.095
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
1634-04-4	Methyl tert-butyl ether	88.15	0.17	J	0.20	0.036
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
91-20-3	Naphthalene	128.17	0.43		0.38	0.30
95-47-6	o-Xylene	106.17	29		0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
127-18-4	Tetrachloroethene	165.83	18		0.20	0.021

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: SV-03_20250930 Lab Sample ID: 460-336049-1

Matrix: Air Lab File ID: 7006X37.D

Analysis Method: TO 15 LL Date Collected: 09/30/2025 12:52

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 11:10

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
108-88-3	Toluene	92.14	45		0.20	0.042
156-60-5	trans-1,2-Dichloroethene	96.94	0.15	J	0.20	0.023
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-01-6	Trichloroethene	131.39	1.3		0.037	0.025
75-69-4	Trichlorofluoromethane	137.37	1.1		0.20	0.050
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
103-65-1	N-Propylbenzene	120.19	4.7		0.20	0.047
104-51-8	n-Butylbenzene	134.22	0.60		0.20	0.11
135-98-8	sec-Butylbenzene	134.22	0.46		0.20	0.045
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061
106-97-8	n-Butane	58.12	5.2		0.50	0.20

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D
 Lims ID: 460-336049-A-1
 Client ID: SV-03_20250930
 Sample Type: Client
 Inject. Date: 07-Oct-2025 11:10:32 ALS Bottle#: 16 Worklist Smp#: 35
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 460-336049-A-1
 Misc. Info.: 410-0162112-035
 Operator ID: sn105465 Instrument ID: HP8R004
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 07-Oct-2025 13:31:25 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1718

First Level Reviewer: D7UM

Date: 07-Oct-2025 11:38:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.398	3.376	0.022	88	35113	0.4330	
3 Chlorodifluoromethane	51	3.433	3.412	0.021	39	13993	0.3048	
5 Chloromethane	50	3.799	3.770	0.029	74	5294	0.1823	
124 Butane	43	4.021	4.006	0.015	37	283179	5.20	M
7 Butadiene	54	4.114	4.114	0.014	70	7646	0.3336	M
12 Trichlorofluoromethane	101	5.425	5.410	0.015	82	78118	1.06	
23 Acetone	43	6.385	6.385	0.008	99	613606	11.6	M
20 Isopropyl alcohol	45	6.607	6.592	0.015	48	32888	0.8424	
17 Carbon disulfide	76	6.764	6.757	0.007	99	131147	1.24	
27 2-Methyl-2-propanol	59	7.301	7.294	0.007	36	37773	1.17	
26 Methyl tert-butyl ether	73	7.645	7.631	0.014	43	13092	0.1711	
24 trans-1,2-Dichloroethene	61	7.667	7.667	0.000	19	8128	0.1529	
25 Hexane	56	8.118	8.118	0.000	94	121297	4.42	
43 2-Butanone (MEK)	72	9.185	9.178	0.007	88	31915	2.13	
* 35 Chlorobromomethane (IS)	130	9.622	9.615	0.007	94	354995	10.0	
37 Chloroform	83	9.758	9.758	0.000	57	9216	0.1269	M
36 Cyclohexane	56	10.202	10.188	0.014	89	219955	4.34	
40 Carbon tetrachloride	117	10.310	10.310	0.000	42	4377	0.0738	
46 Benzene	78	10.596	10.596	0.000	96	475477	4.30	
44 Isooctane	57	10.783	10.783	0.000	96	906463	5.36	
45 n-Heptane	71	11.026	11.026	0.000	94	201593	6.03	
* 50 1,4-Difluorobenzene	114	11.220	11.220	0.000	95	1366392	10.0	
49 Trichloroethene	130	11.585	11.585	0.000	91	59096	1.34	
60 4-Methyl-2-pentanone (MIBK)	43	12.867	12.867	0.000	1	48529	0.5703	M
59 Toluene	91	13.132	13.139	0.000	96	6111255	44.7	
61 Tetrachloroethene	166	13.669	13.676	0.000	95	1082318	18.4	
67 2-Hexanone	43	13.712	13.726	-0.008	61	860278	10.3	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.465	0.000	78	1326818	10.0	
70 Ethylbenzene	91	14.558	14.565	0.000	96	2725132	16.5	
72 m-Xylene & p-Xylene	91	14.665	14.672	0.000	97	8575718	70.1	
73 o-Xylene	91	14.987	14.995	-0.001	99	3529630	29.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
76 Isopropylbenzene	105	15.267	15.267	0.000	87	631761	4.15	M
77 N-Propylbenzene	120	15.582	15.590	0.000	59	194109	4.69	
82 1,3,5-Trimethylbenzene	105	15.697	15.704	0.000	83	1016384	8.34	Ma
86 1,2,4-Trimethylbenzene	105	15.983	15.991	0.000	97	2914291	22.6	
87 sec-Butylbenzene	105	16.105	16.105	0.000	8	84623	0.4581	M
89 1,3-Dichlorobenzene	146	16.227	16.235	0.000	45	33249	0.3894	
91 n-Butylbenzene	92	16.506	16.513	0.000	1	47248	0.5971	
98 Naphthalene	128	18.161	18.162	0.007	95	54787	0.4324	

\$ 110 BFB

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

AIRIS200 ppb_00532

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 07-Oct-2025 13:31:45

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16 Worklist Smp#: 35

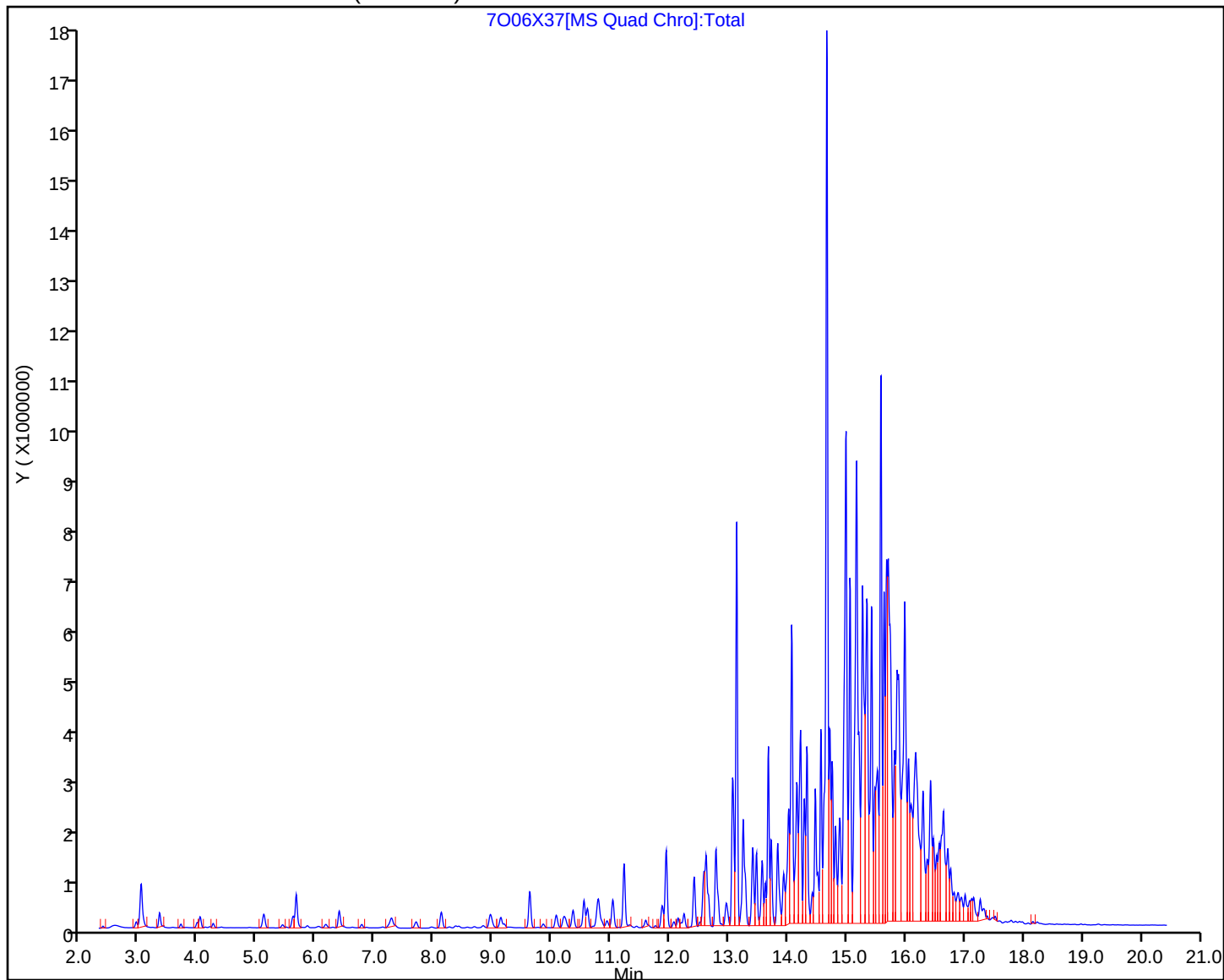
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

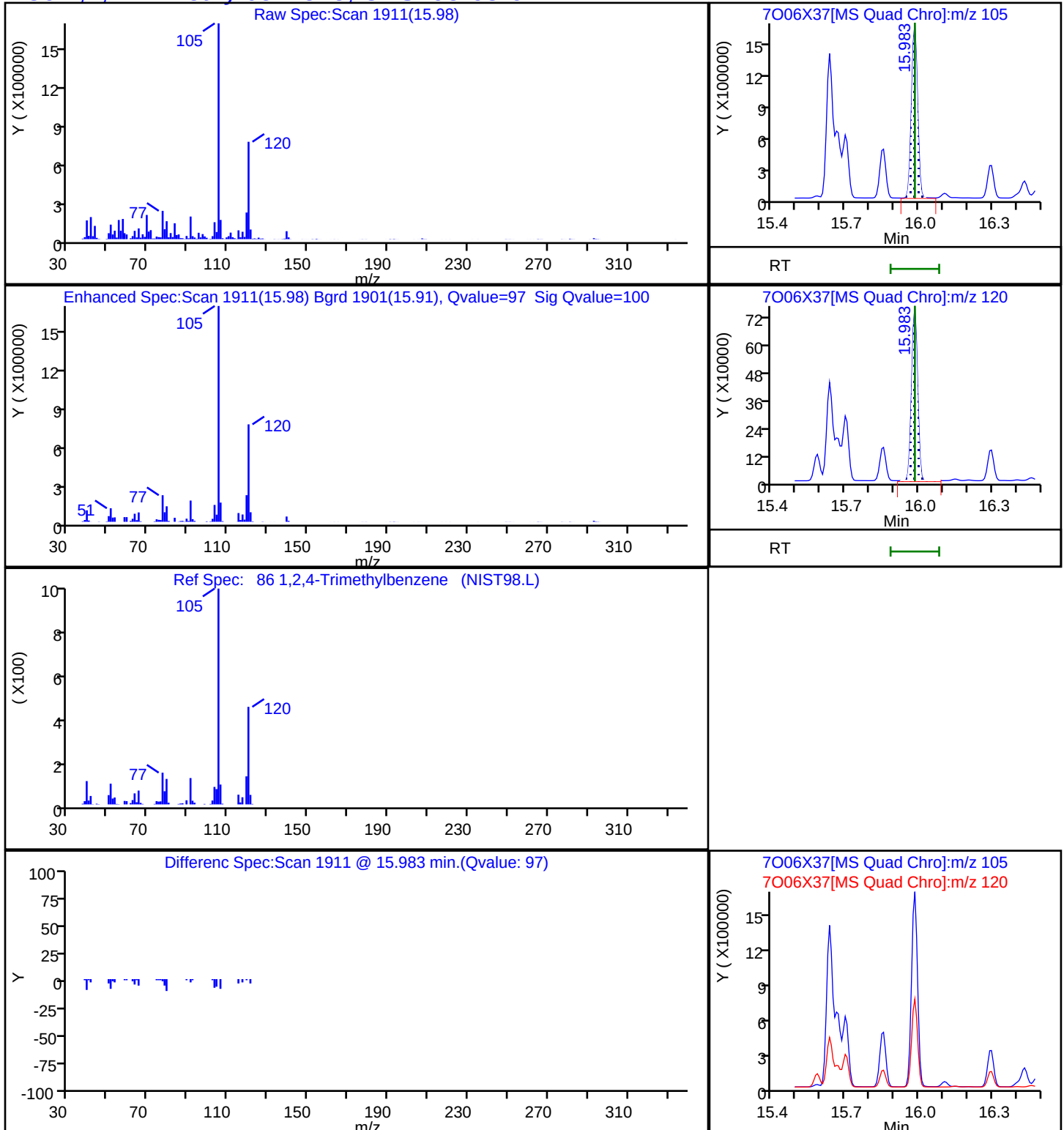
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

86 1,2,4-Trimethylbenzene, CAS: 95-63-6

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

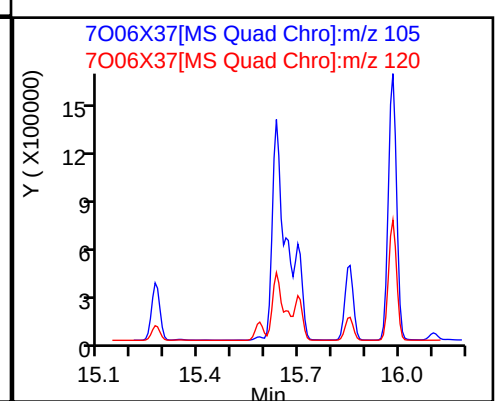
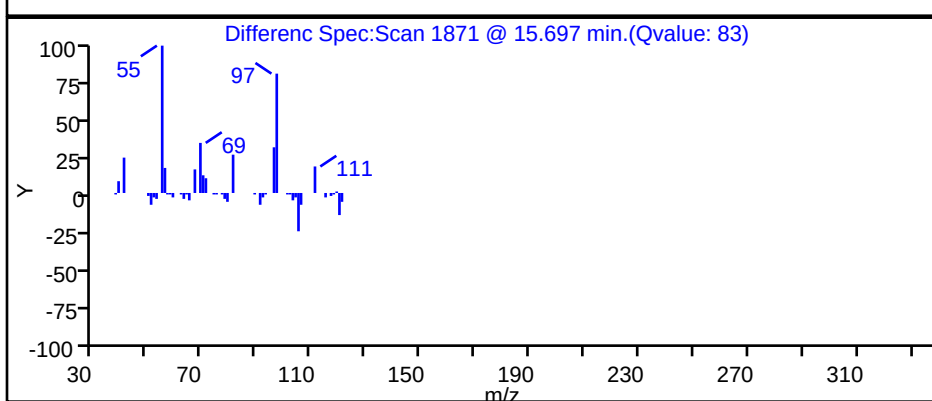
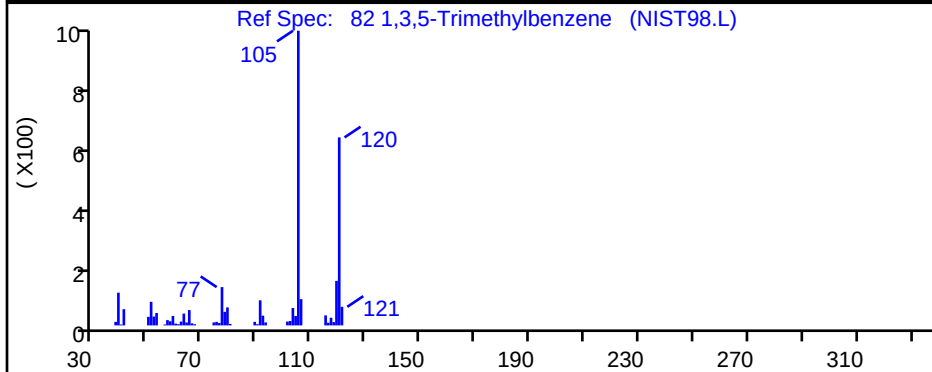
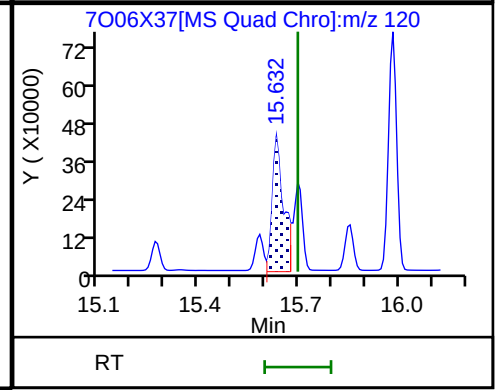
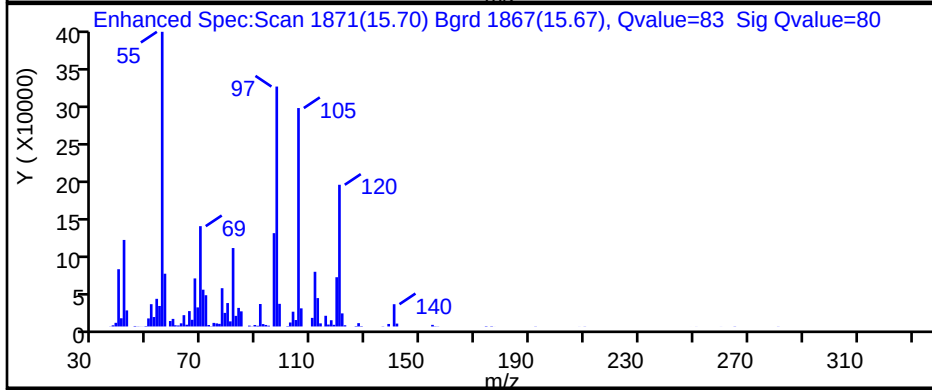
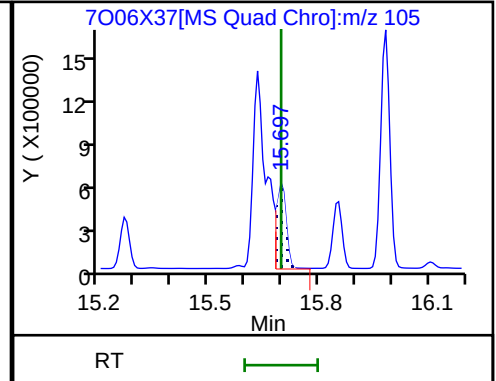
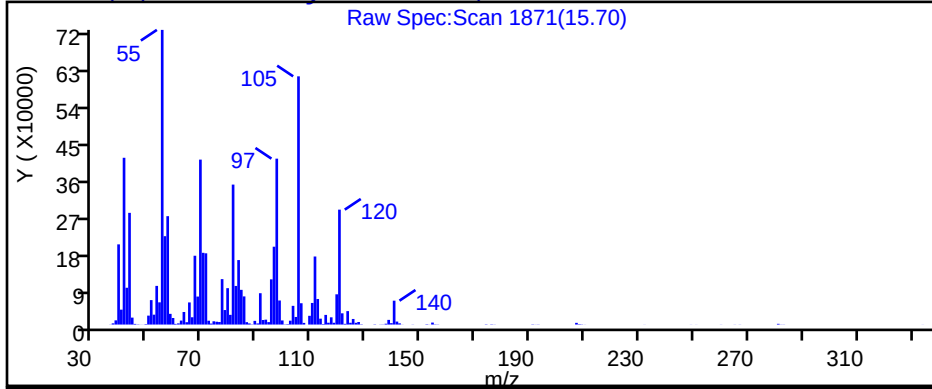
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

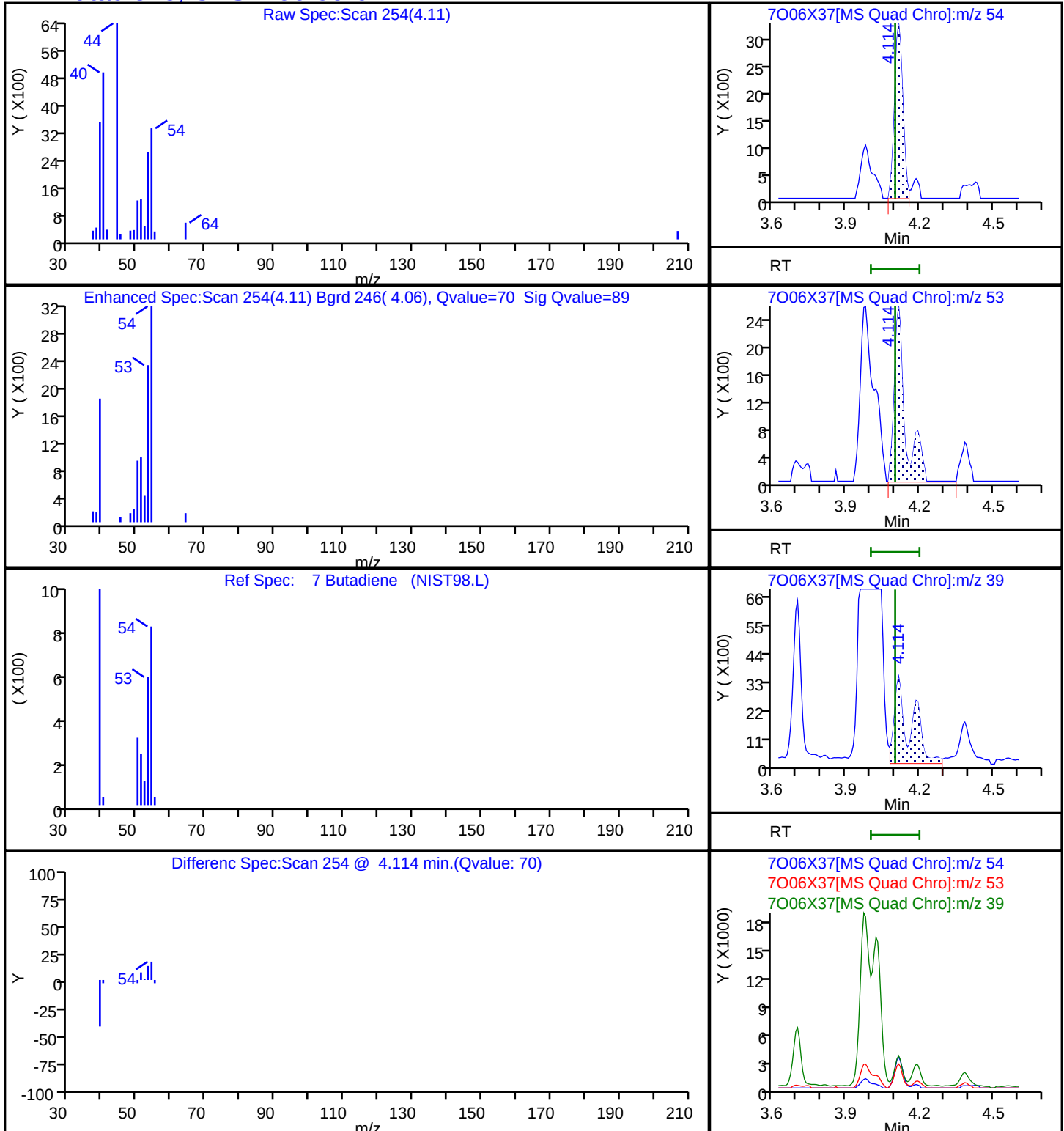
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

7 Butadiene, CAS: 106-99-0

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

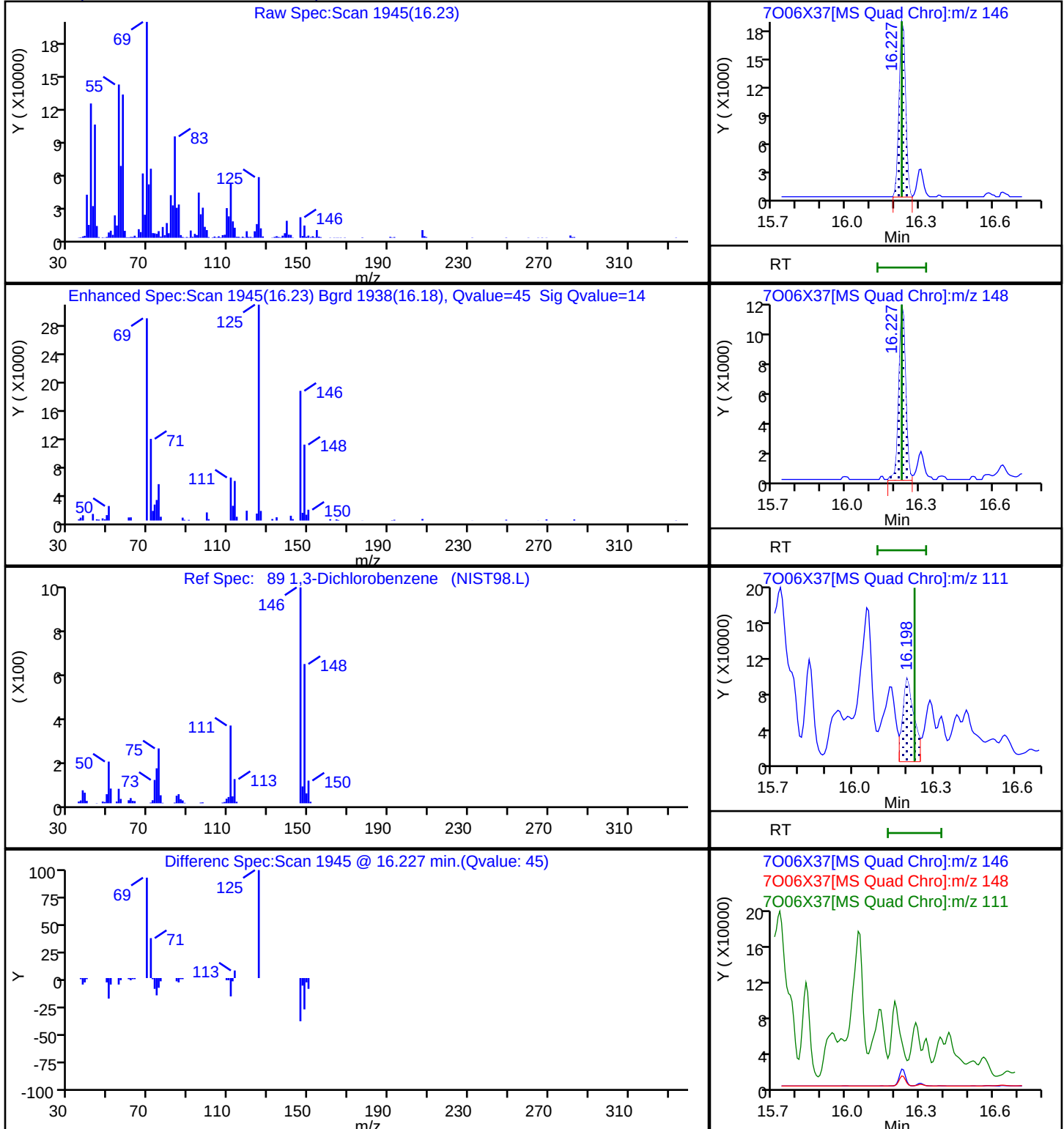
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

89 1,3-Dichlorobenzene, CAS: 541-73-1

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

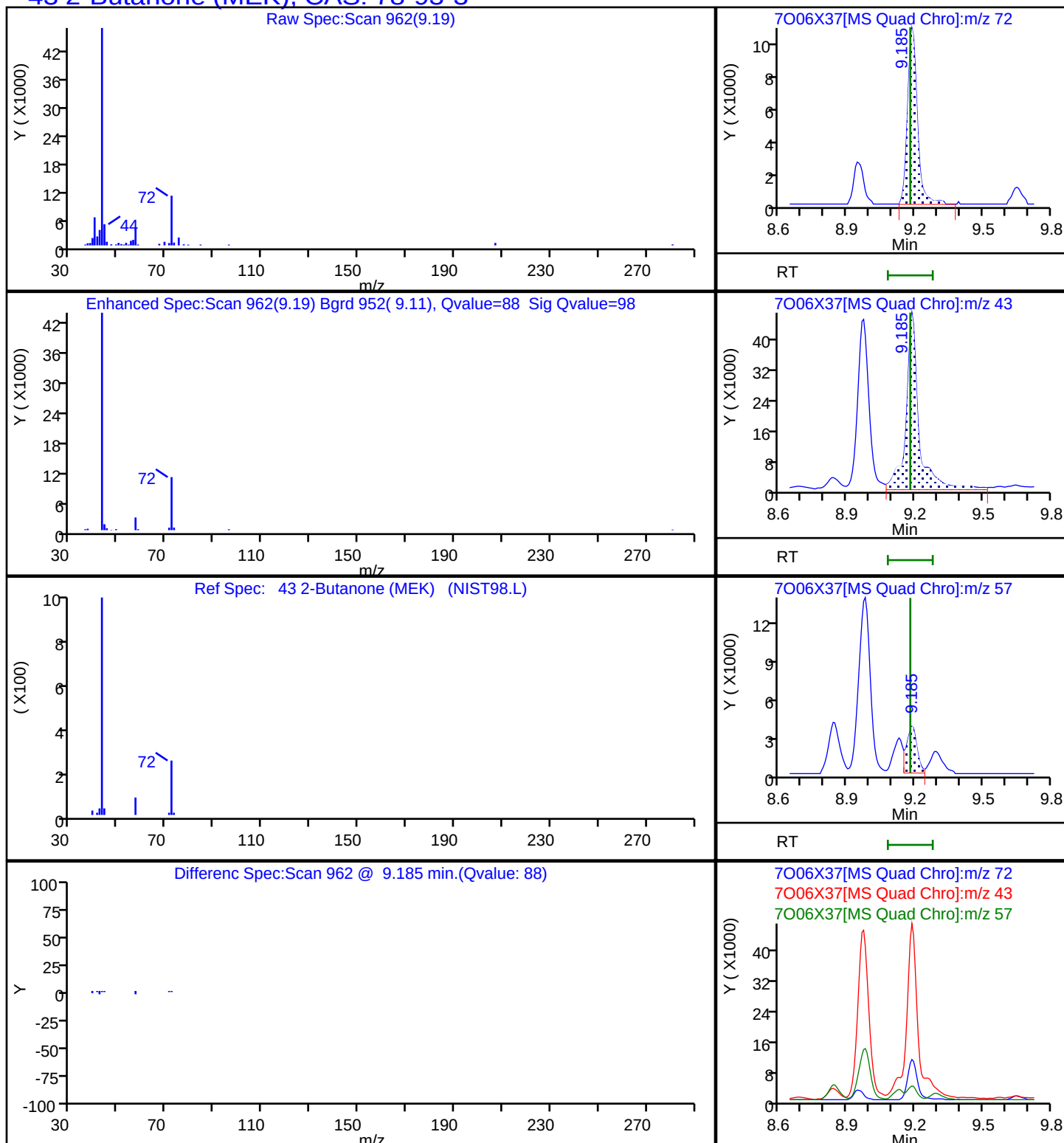
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

43 2-Butanone (MEK), CAS: 78-93-3

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

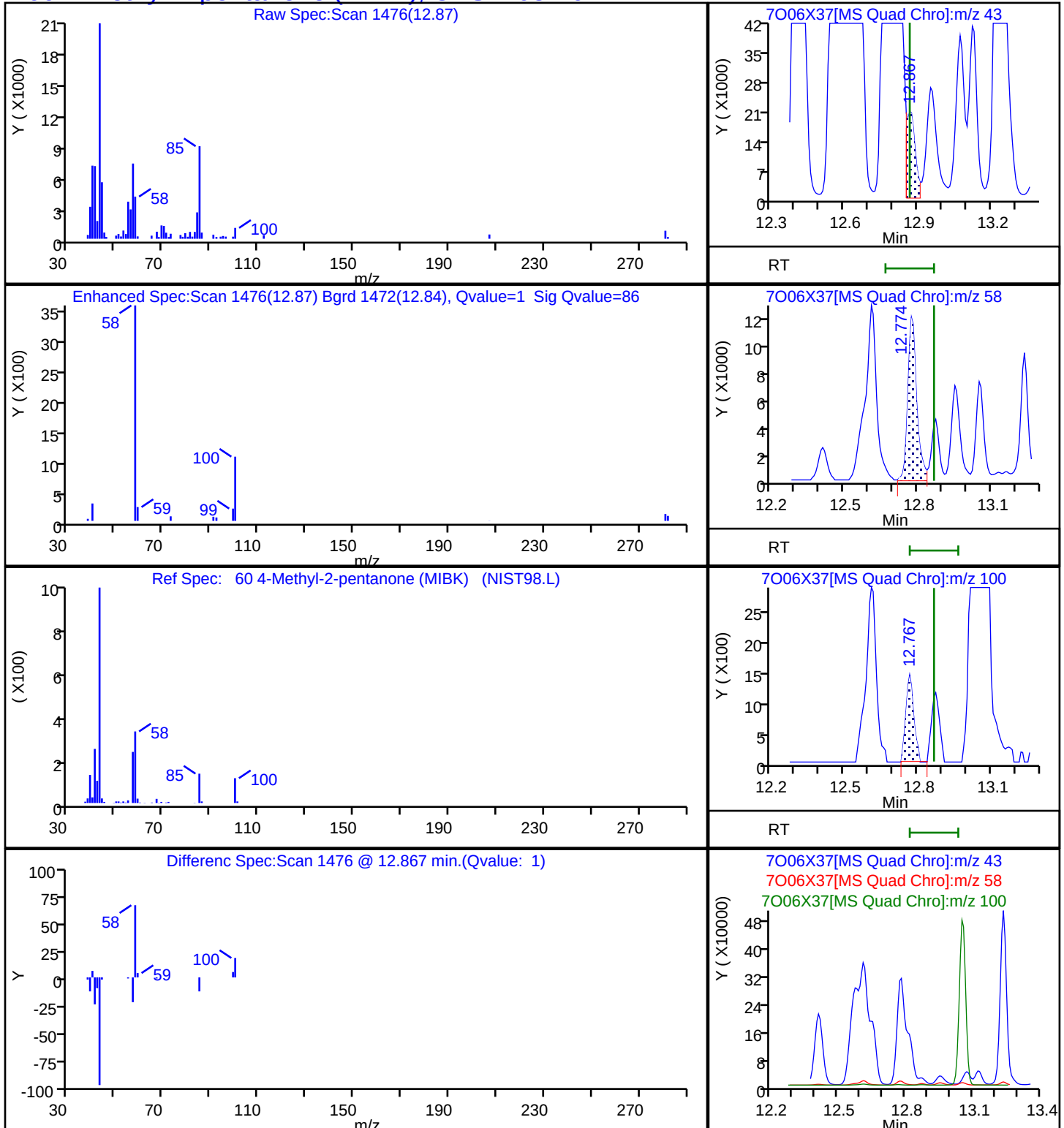
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

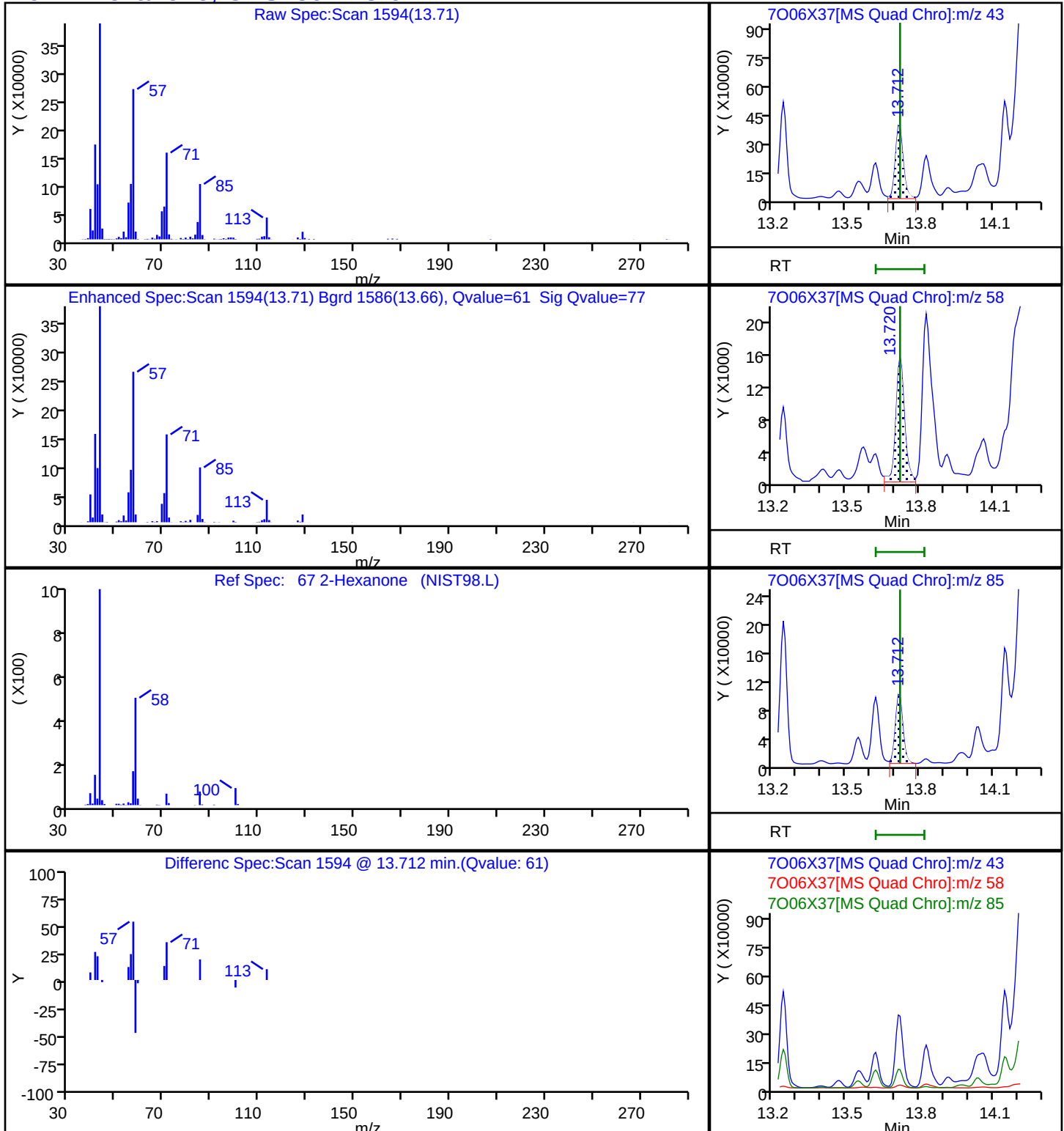
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

67 2-Hexanone, CAS: 591-78-6

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

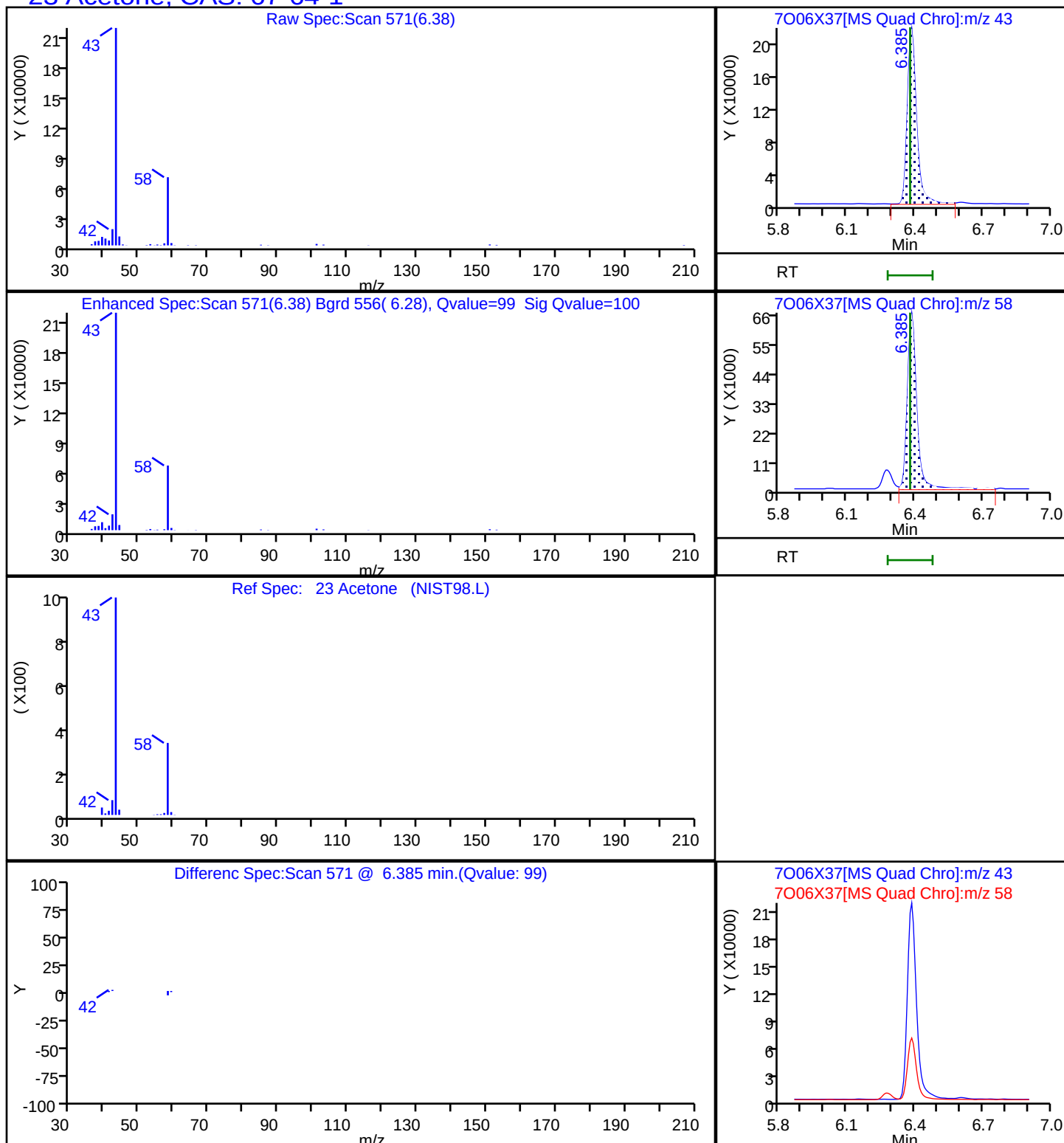
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

23 Acetone, CAS: 67-64-1

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

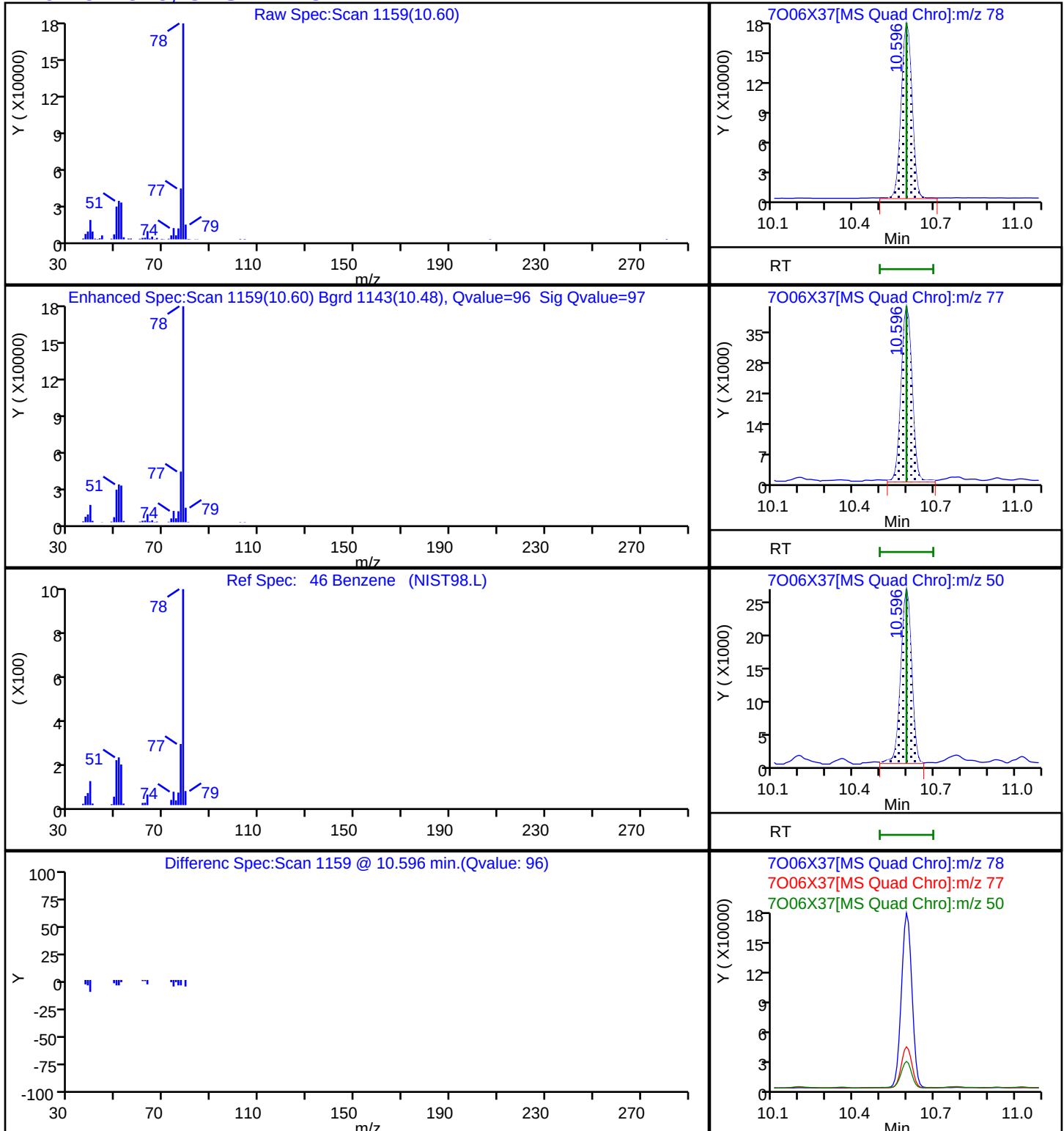
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

46 Benzene, CAS: 71-43-2

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

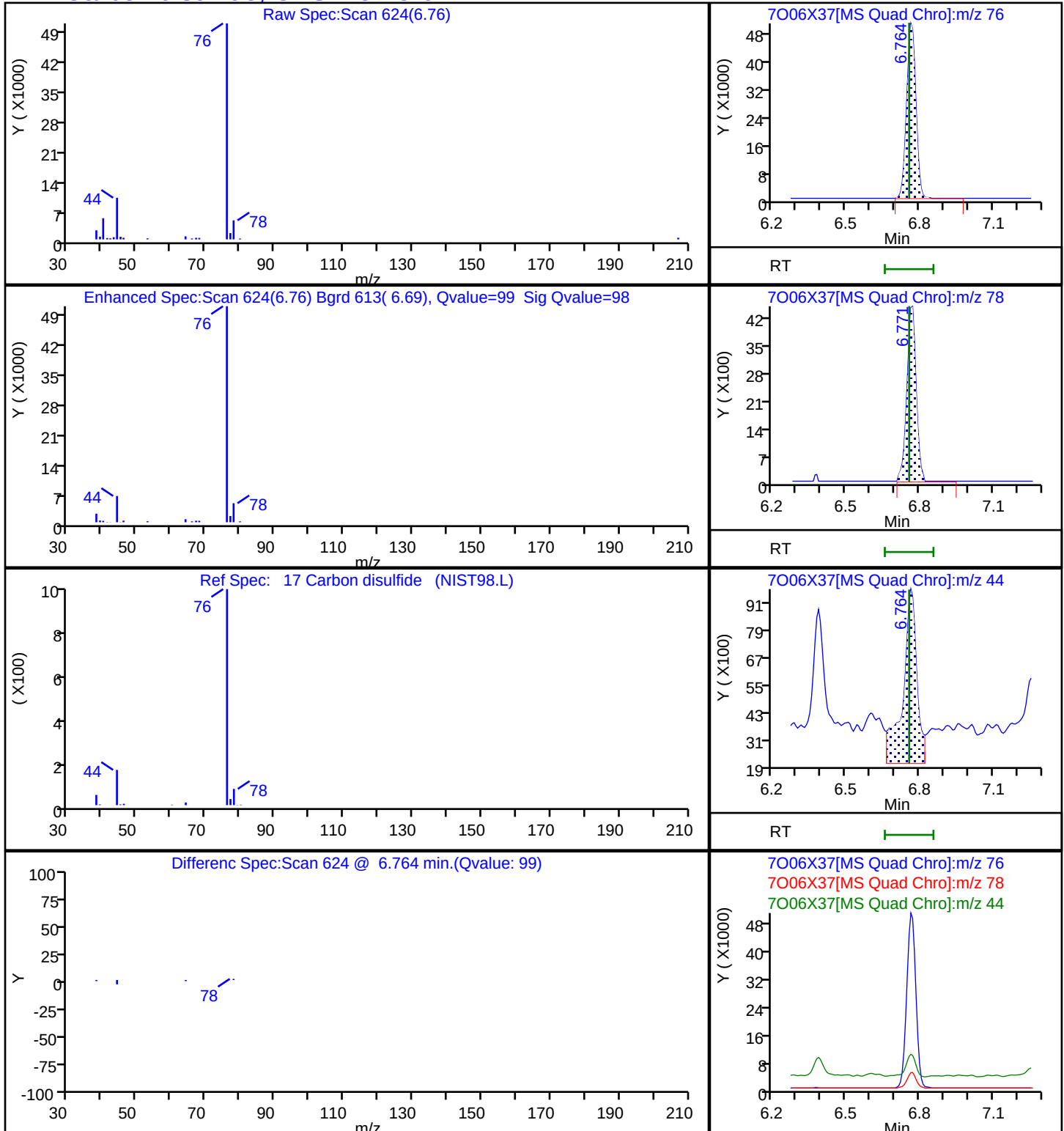
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

17 Carbon disulfide, CAS: 75-15-0

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

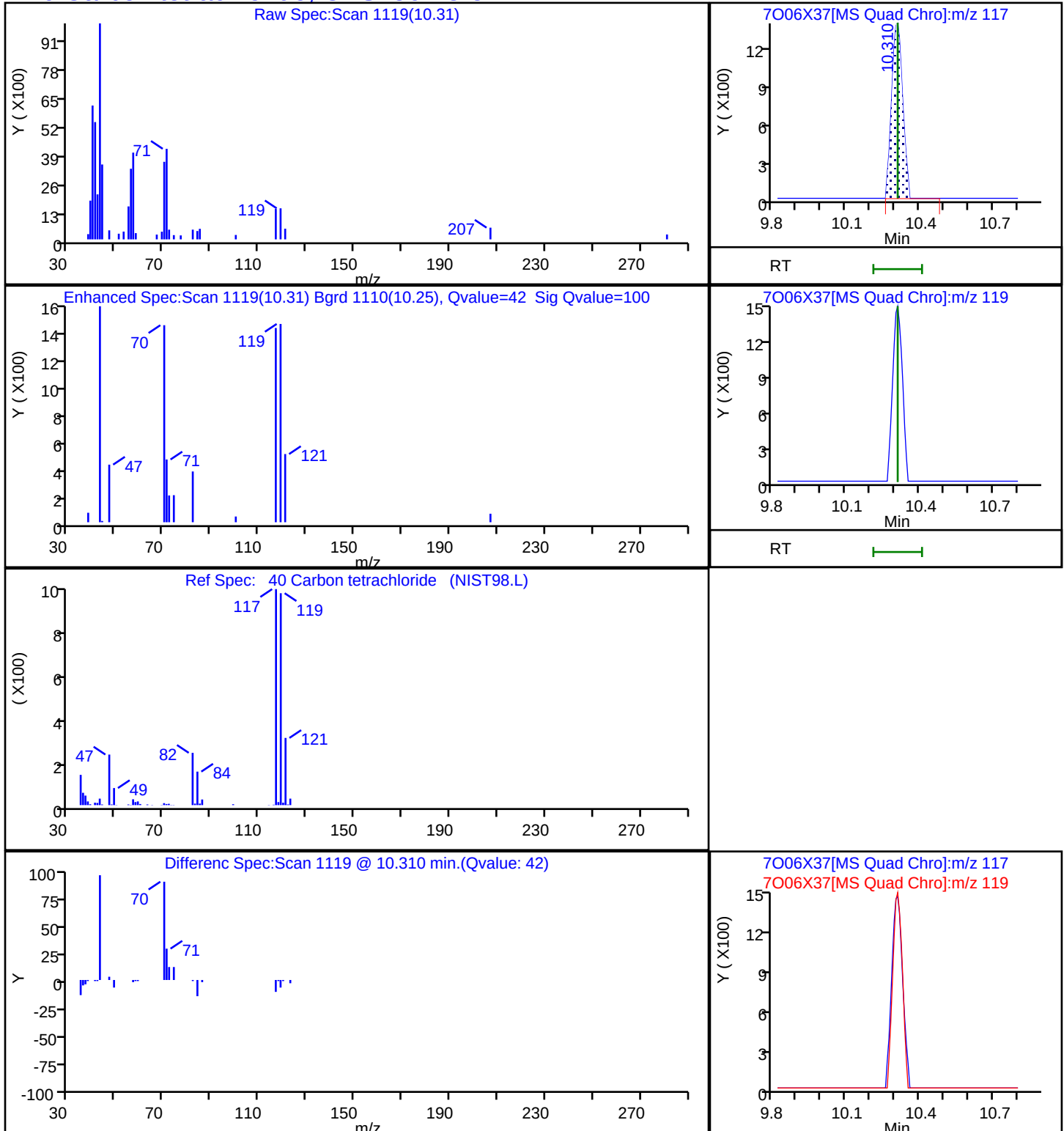
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

40 Carbon tetrachloride, CAS: 56-23-5

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

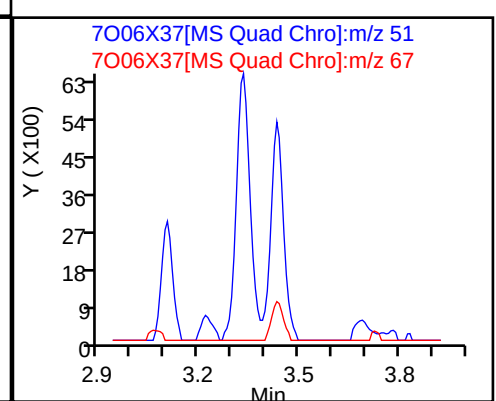
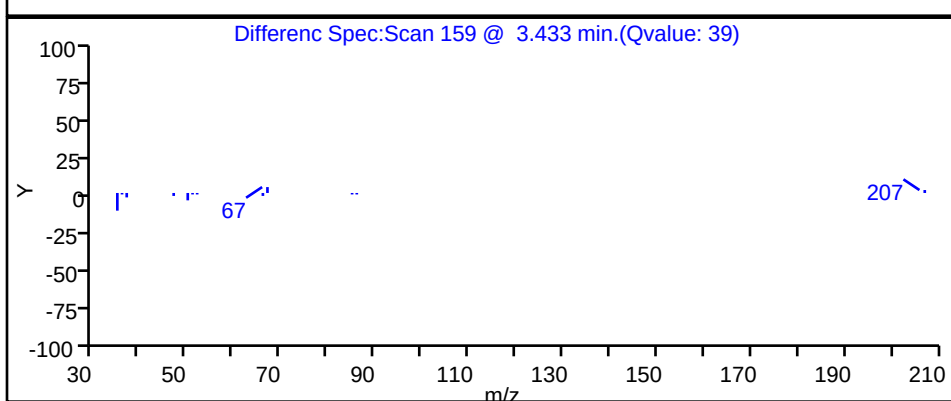
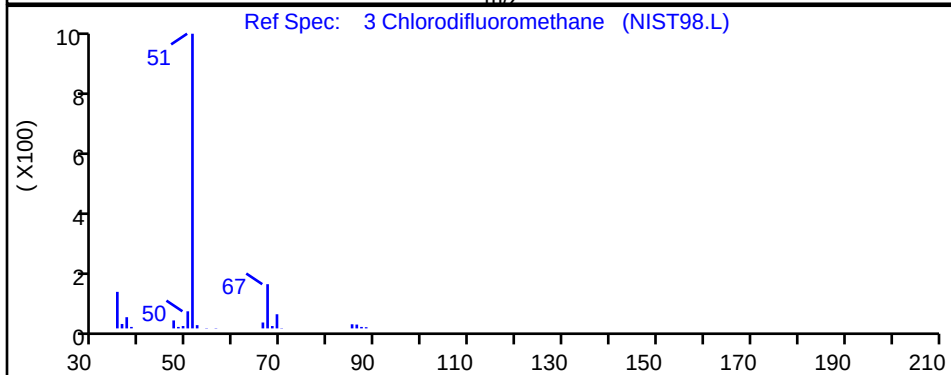
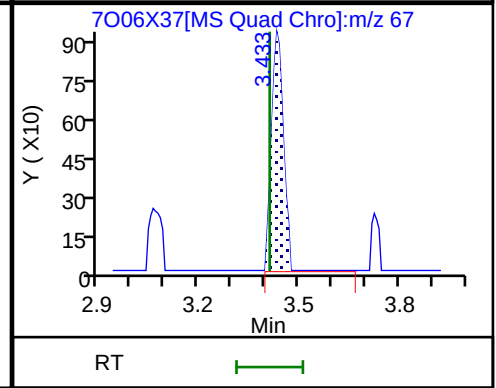
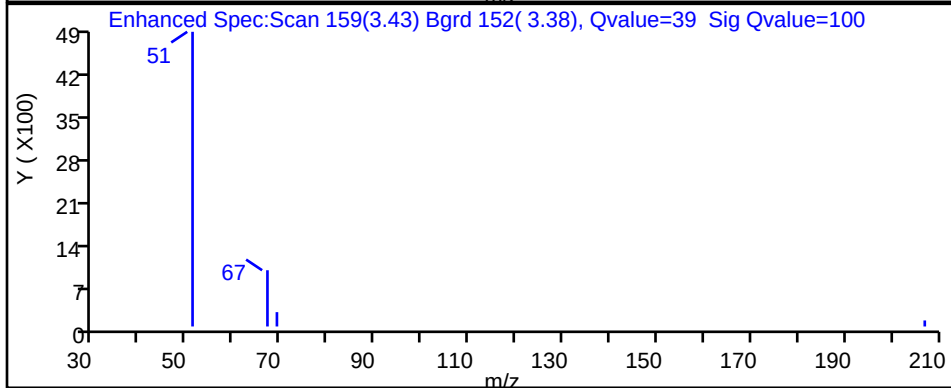
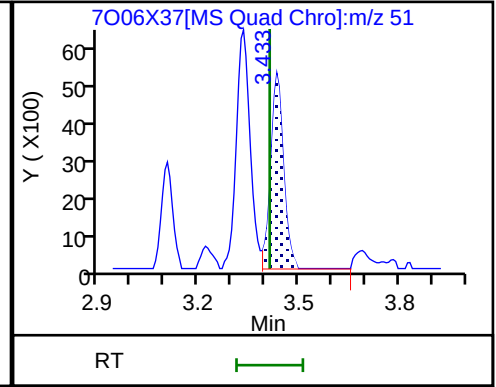
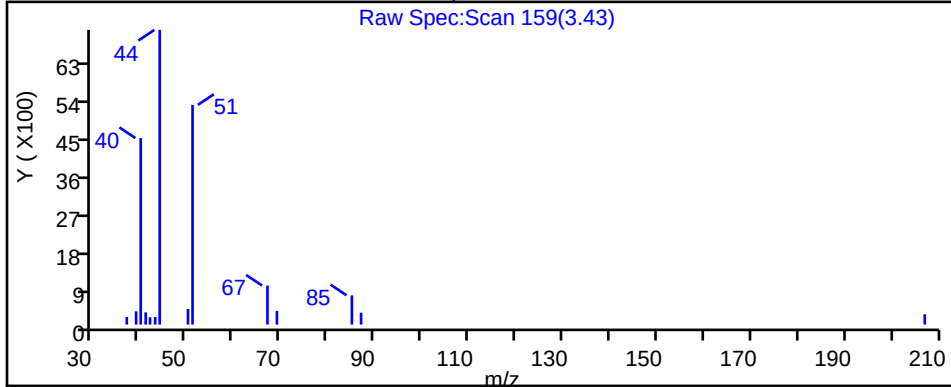
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

3 Chlorodifluoromethane, CAS: 75-45-6

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

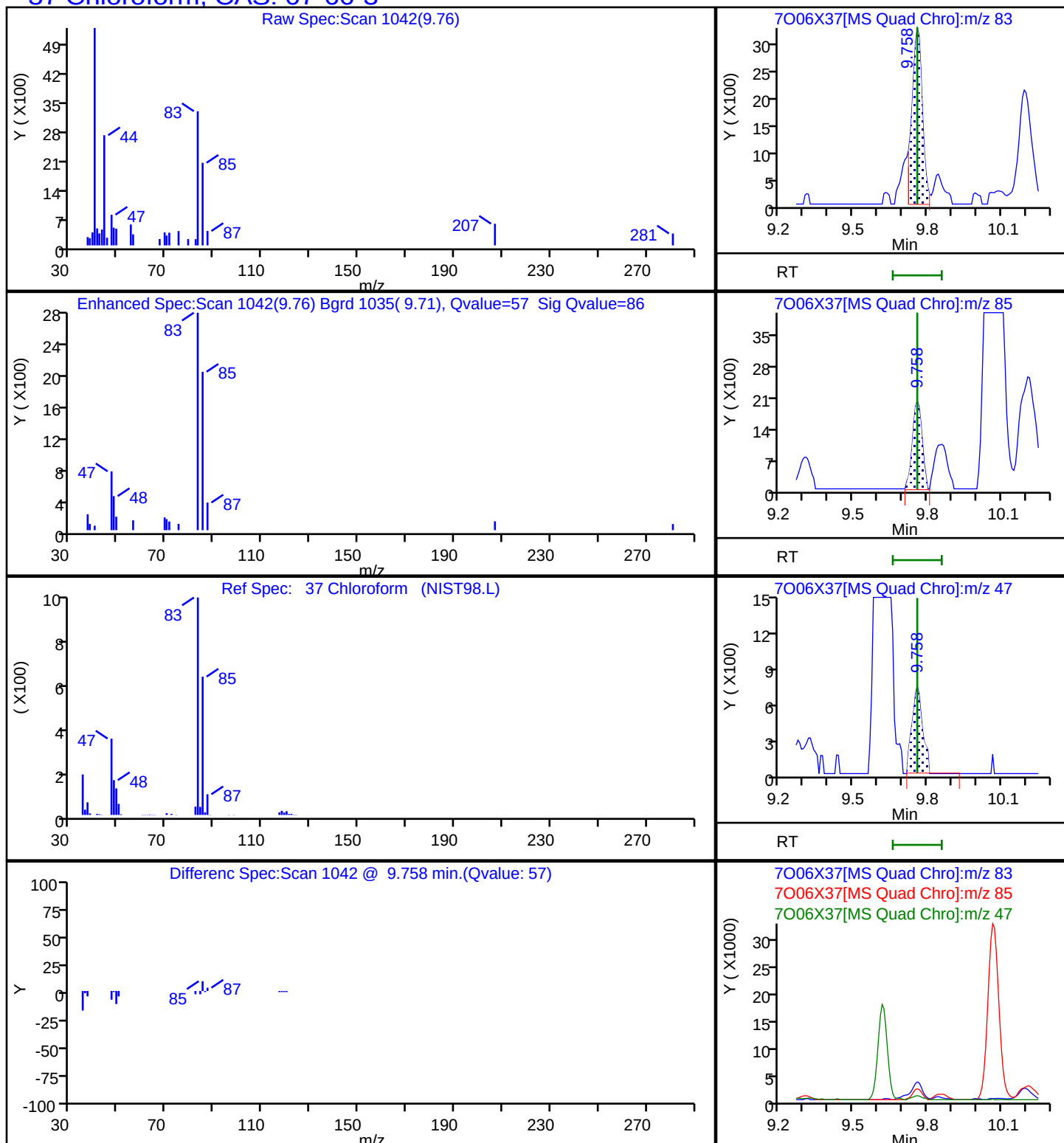
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

37 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

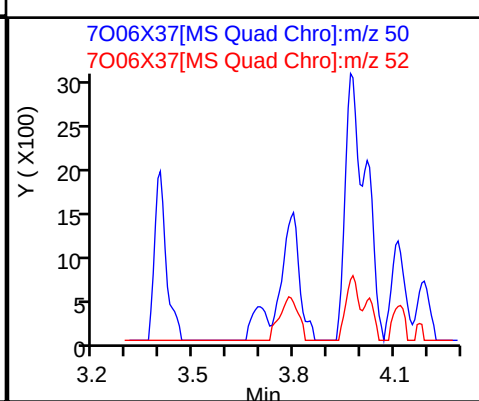
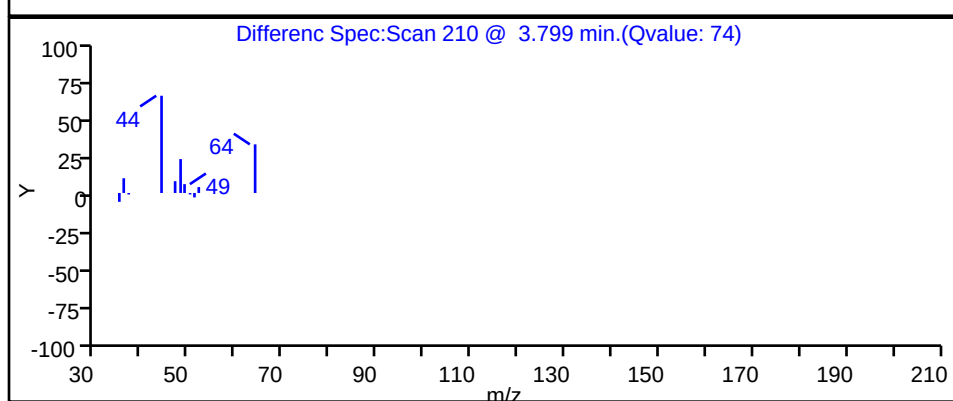
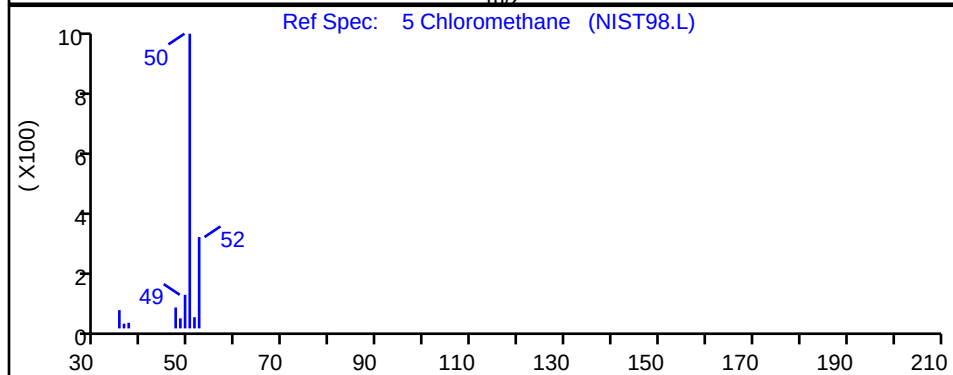
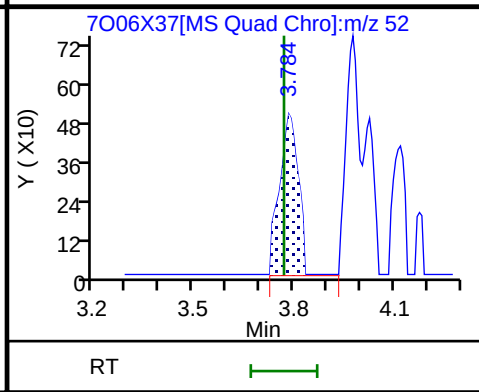
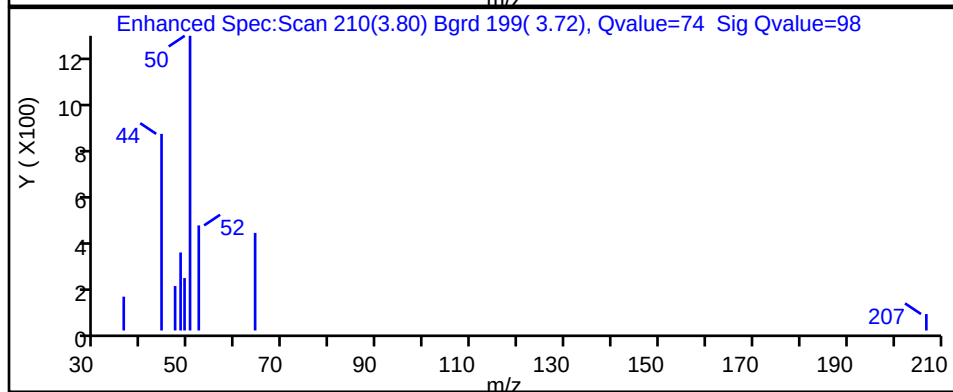
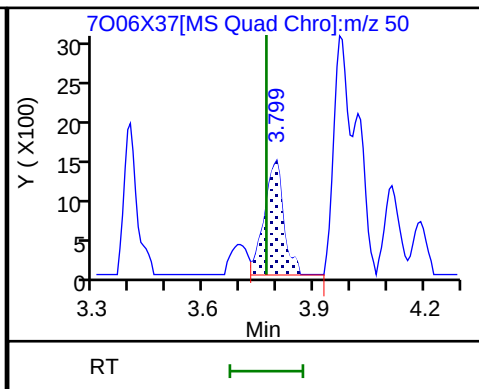
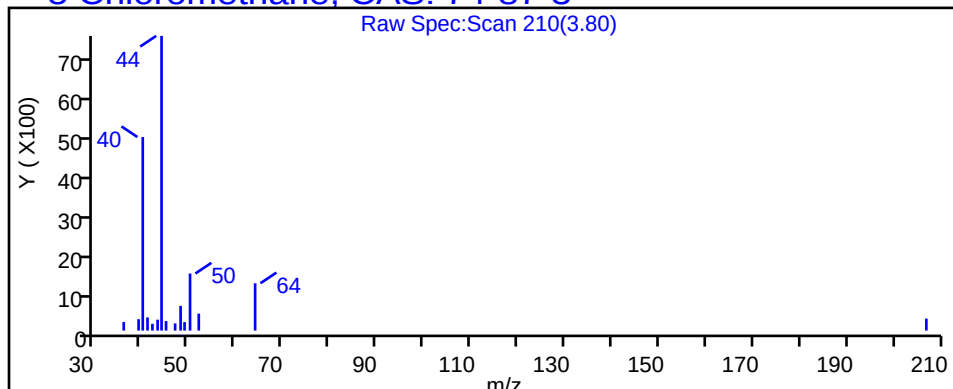
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

5 Chloromethane, CAS: 74-87-3

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

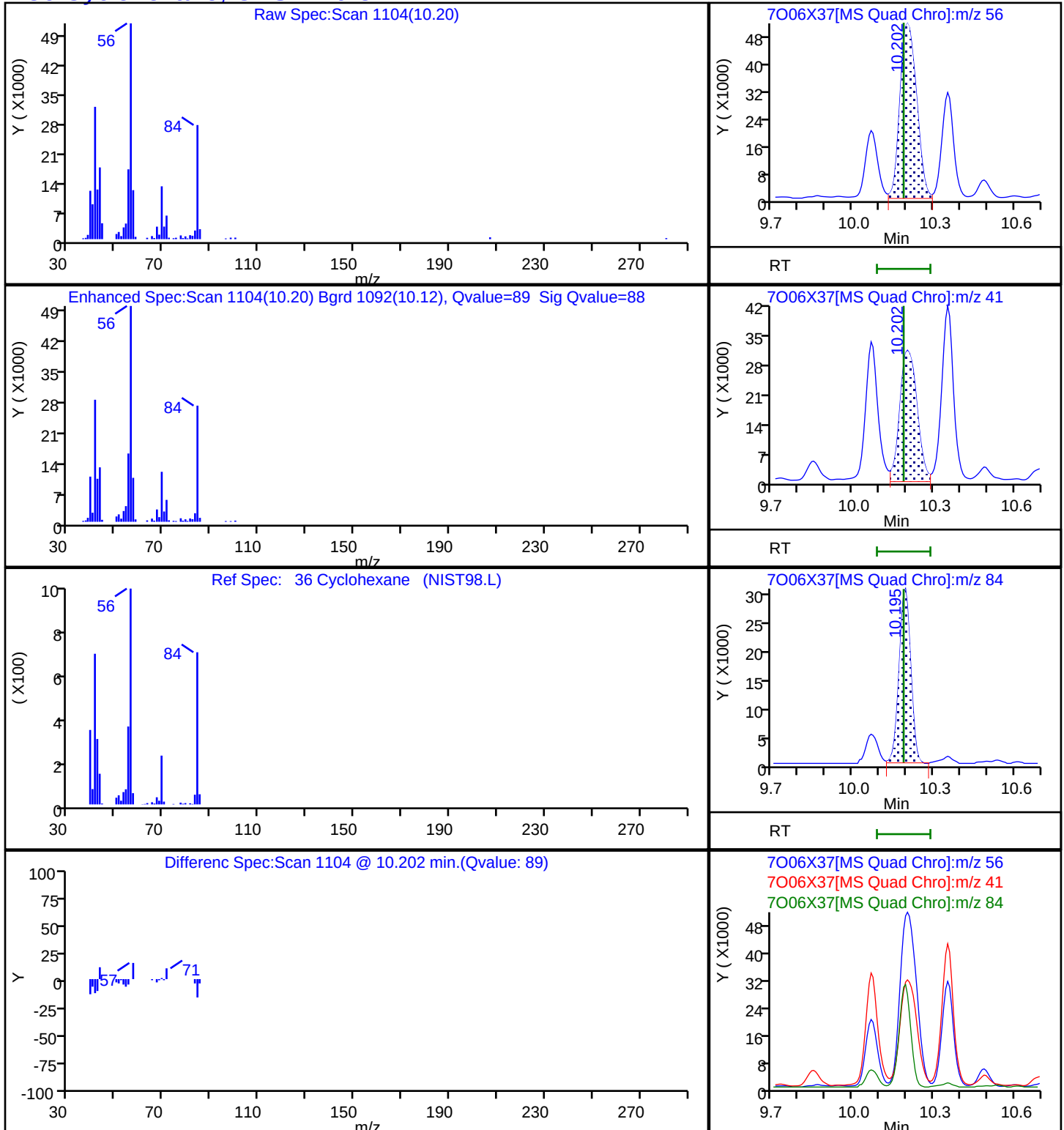
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

36 Cyclohexane, CAS: 110-82-7

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

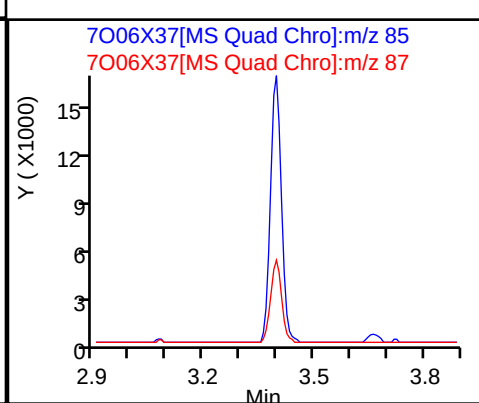
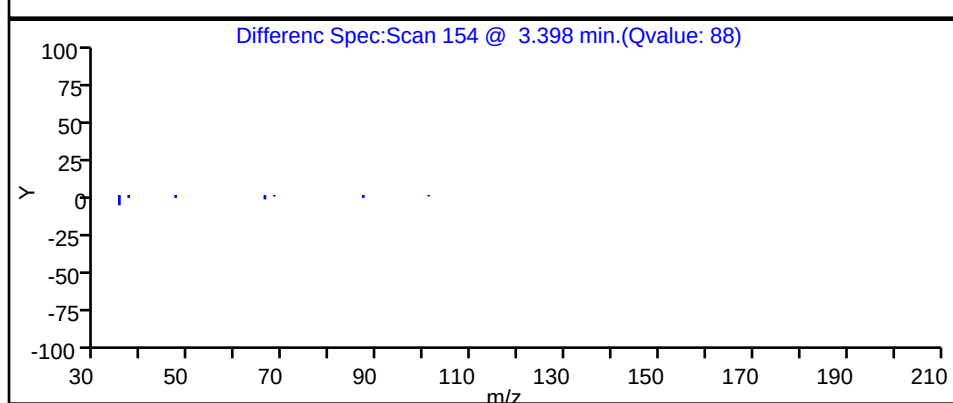
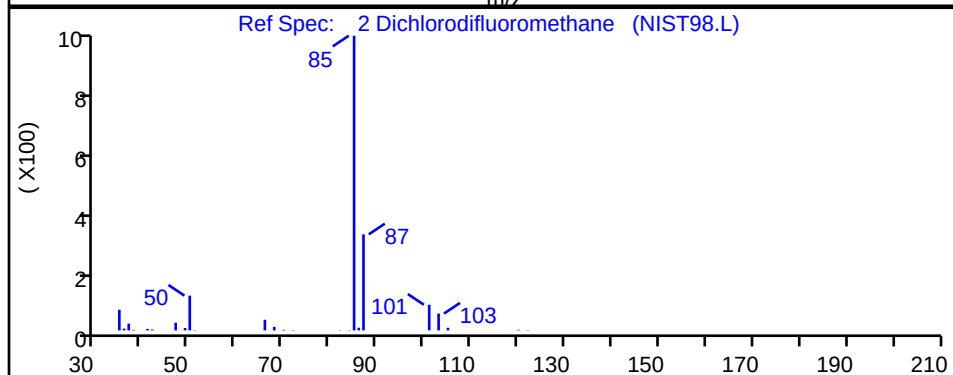
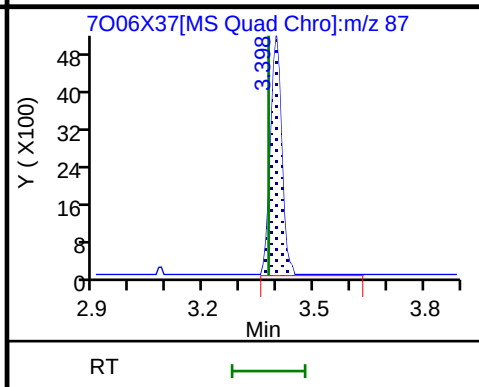
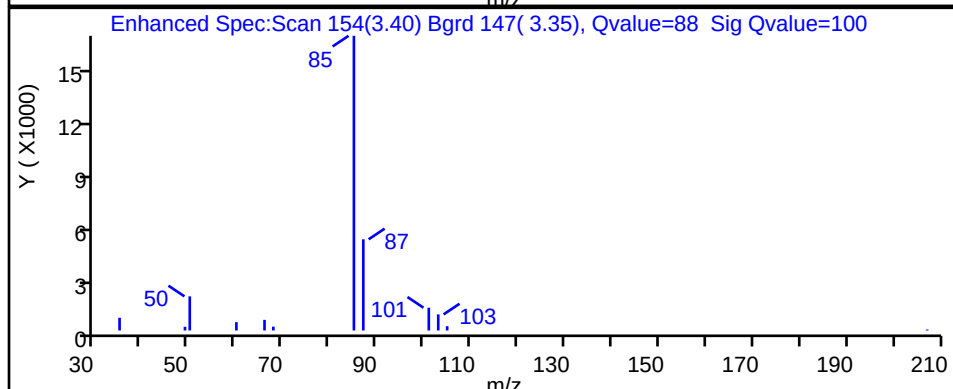
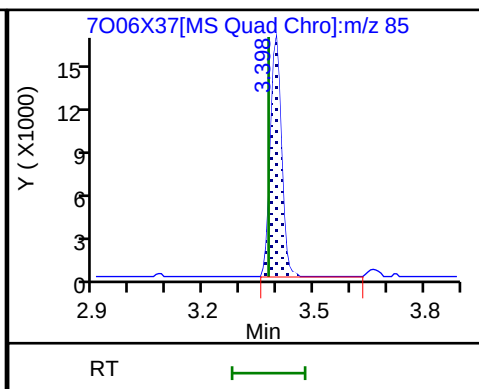
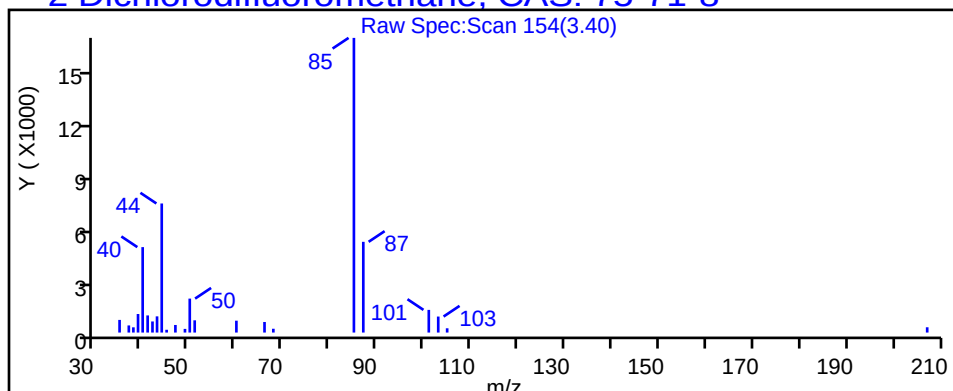
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

2 Dichlorodifluoromethane, CAS: 75-71-8

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

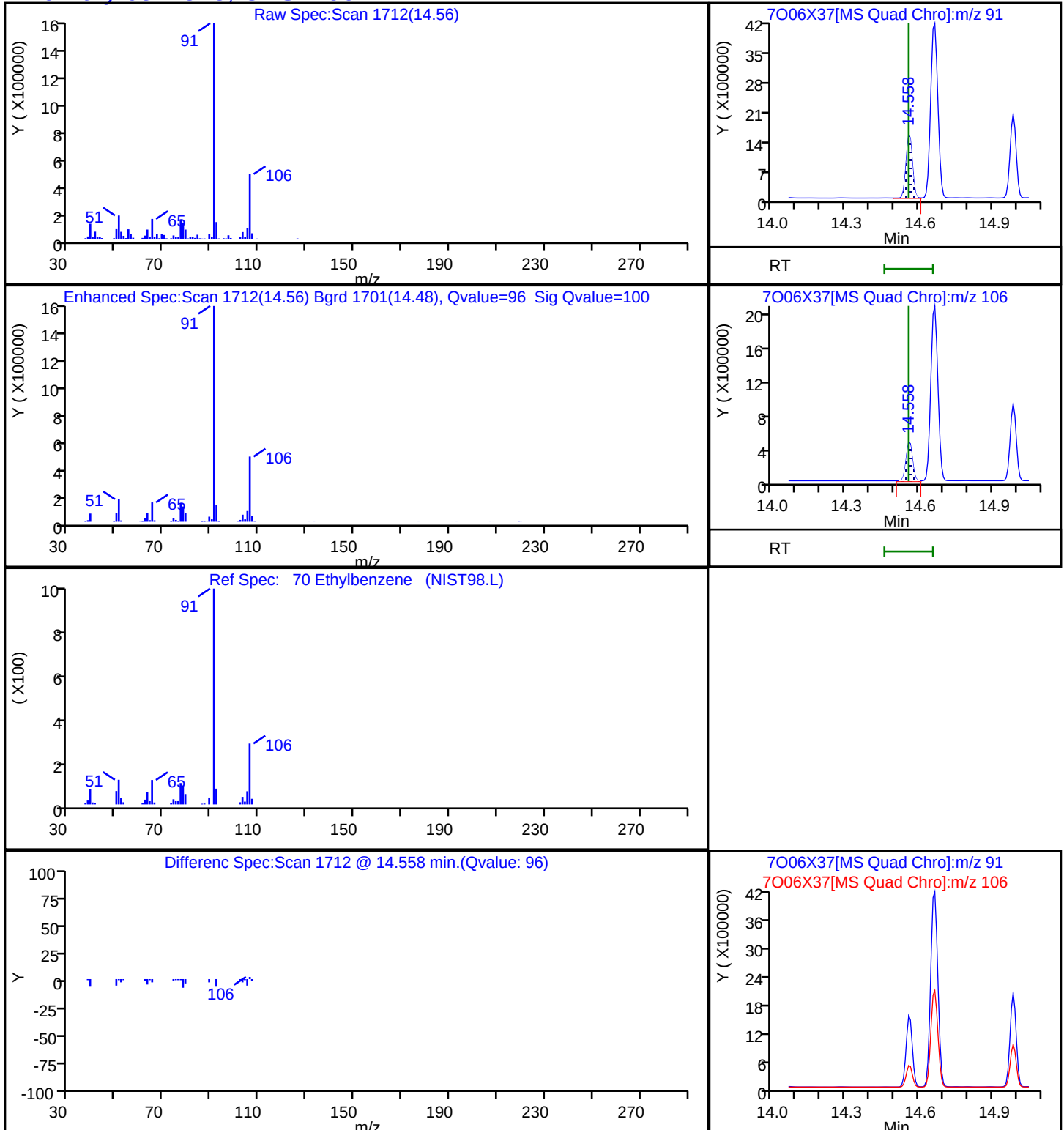
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

70 Ethylbenzene, CAS: 100-41-4

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

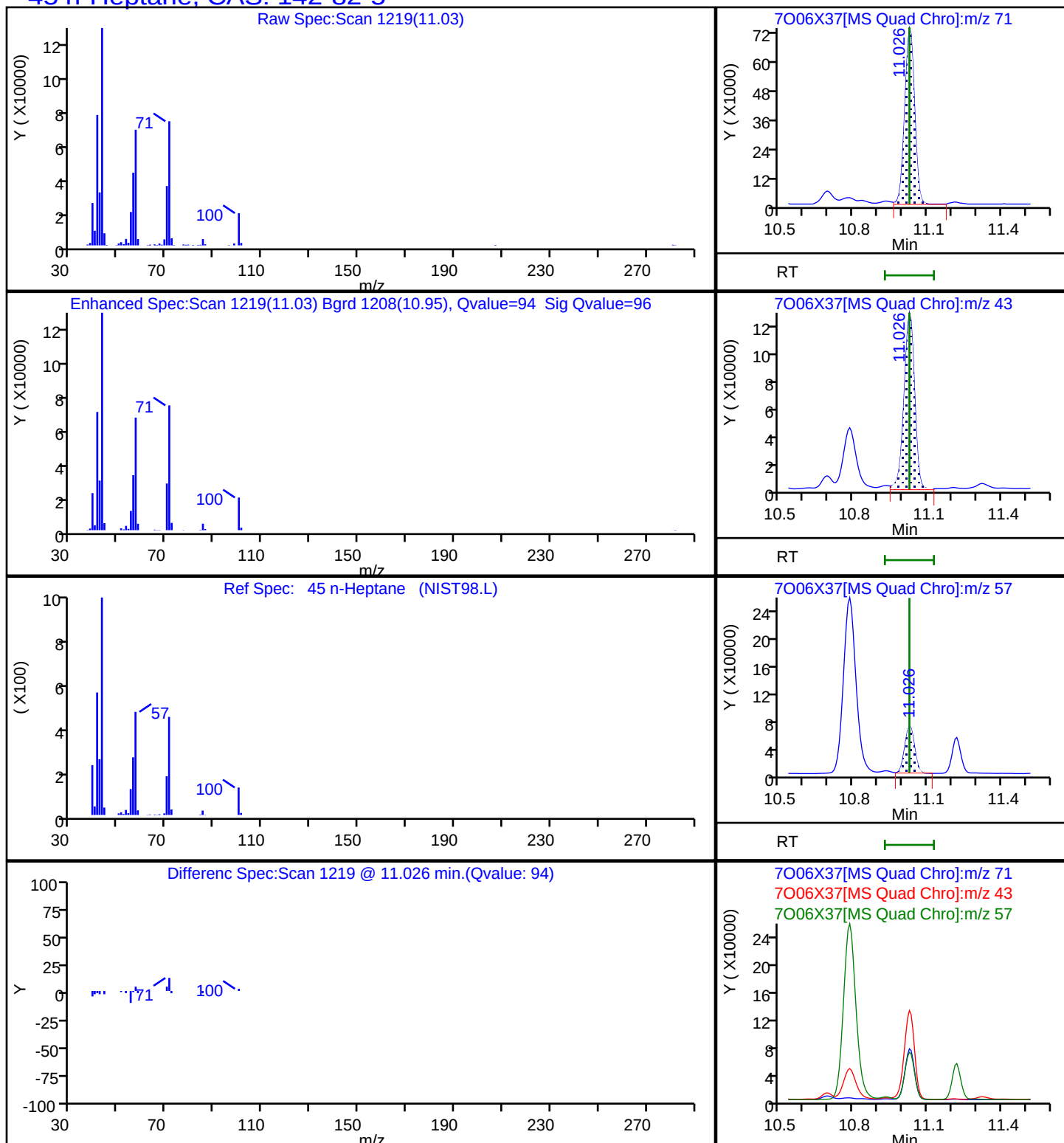
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

45 n-Heptane, CAS: 142-82-5

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

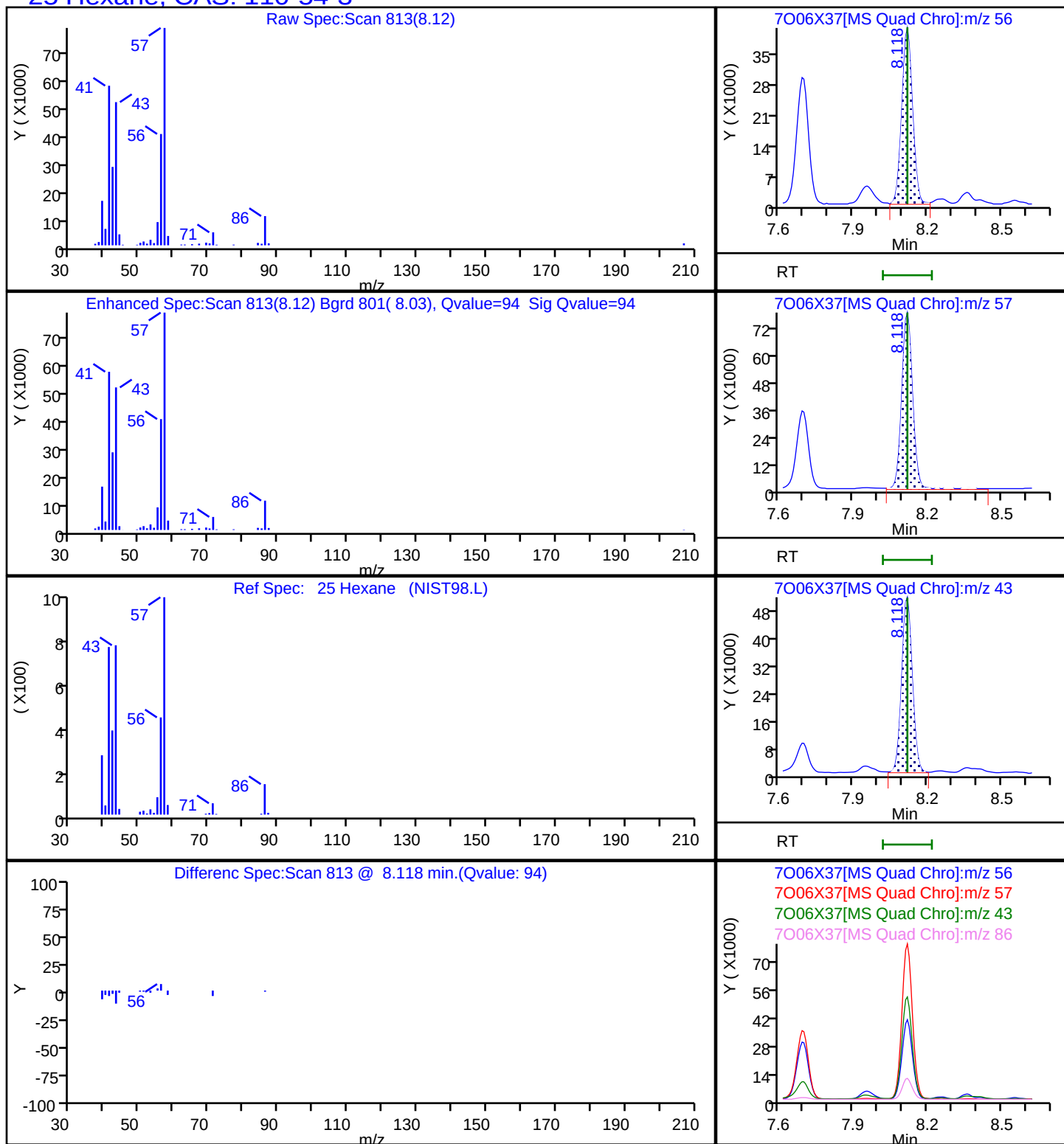
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

25 Hexane, CAS: 110-54-3

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

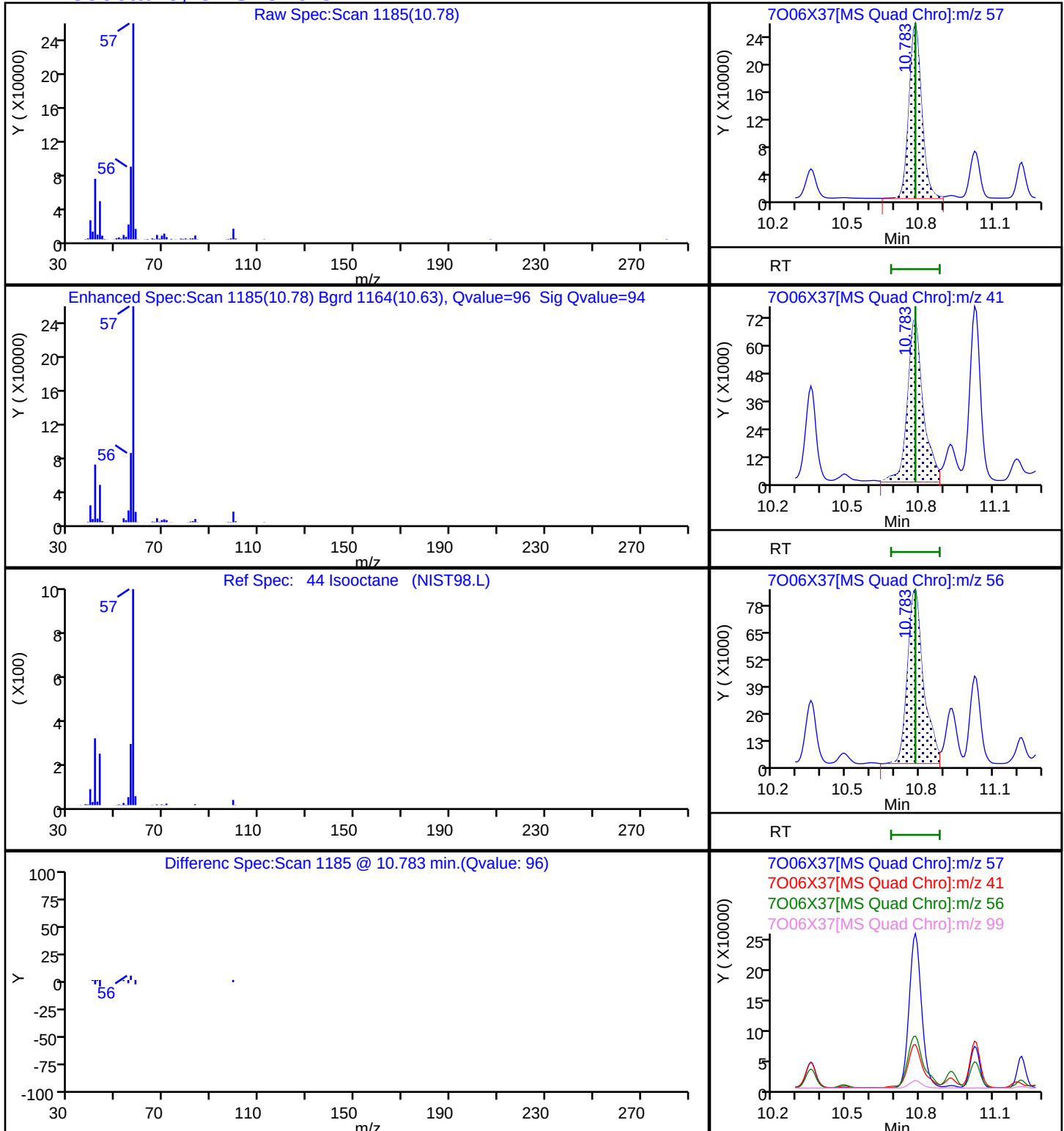
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

44 Isooctane, CAS: 540-84-1

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

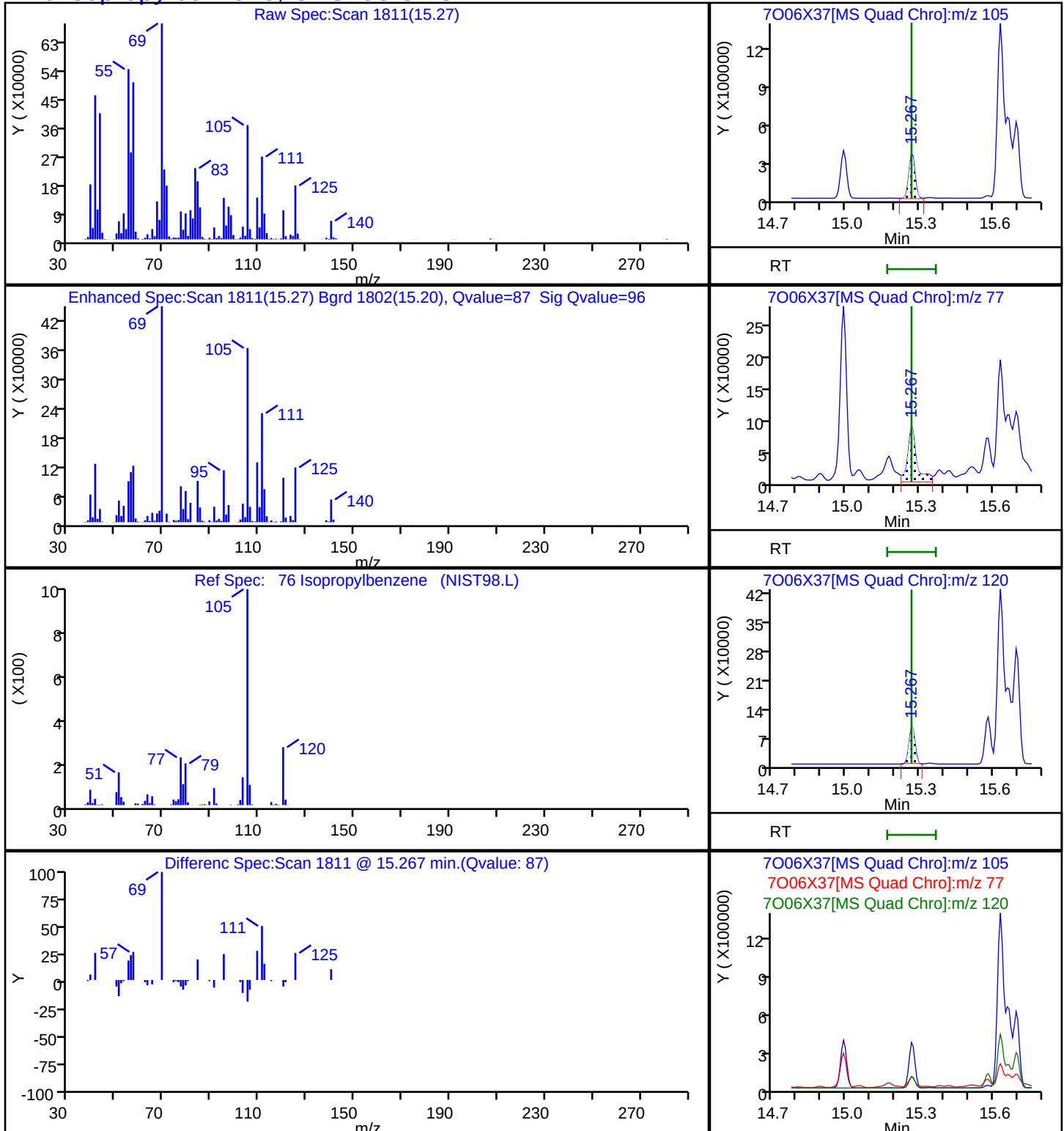
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

76 Isopropylbenzene, CAS: 98-82-8

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

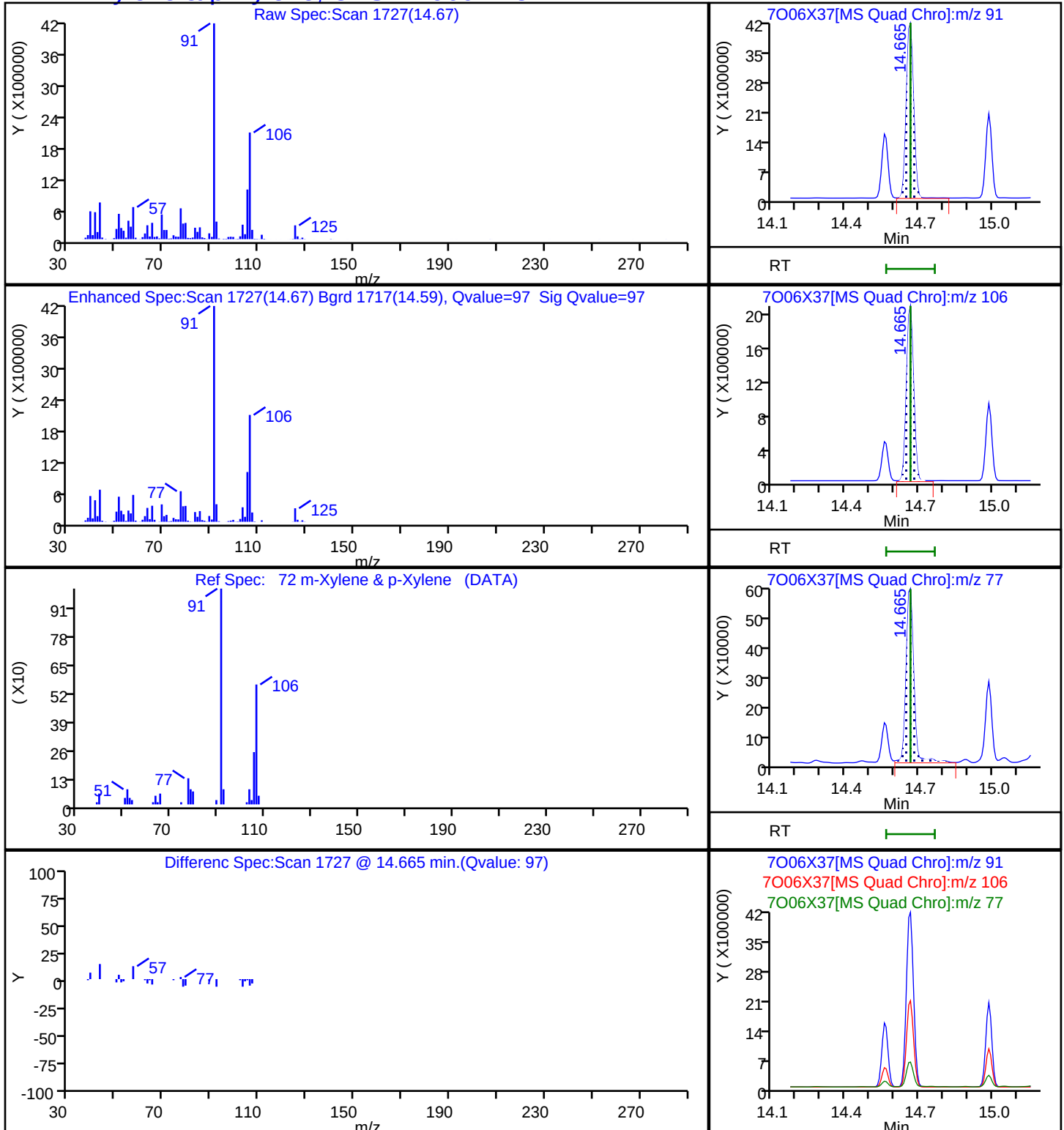
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

72 m-Xylene & p-Xylene, CAS: 179601-23-1

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

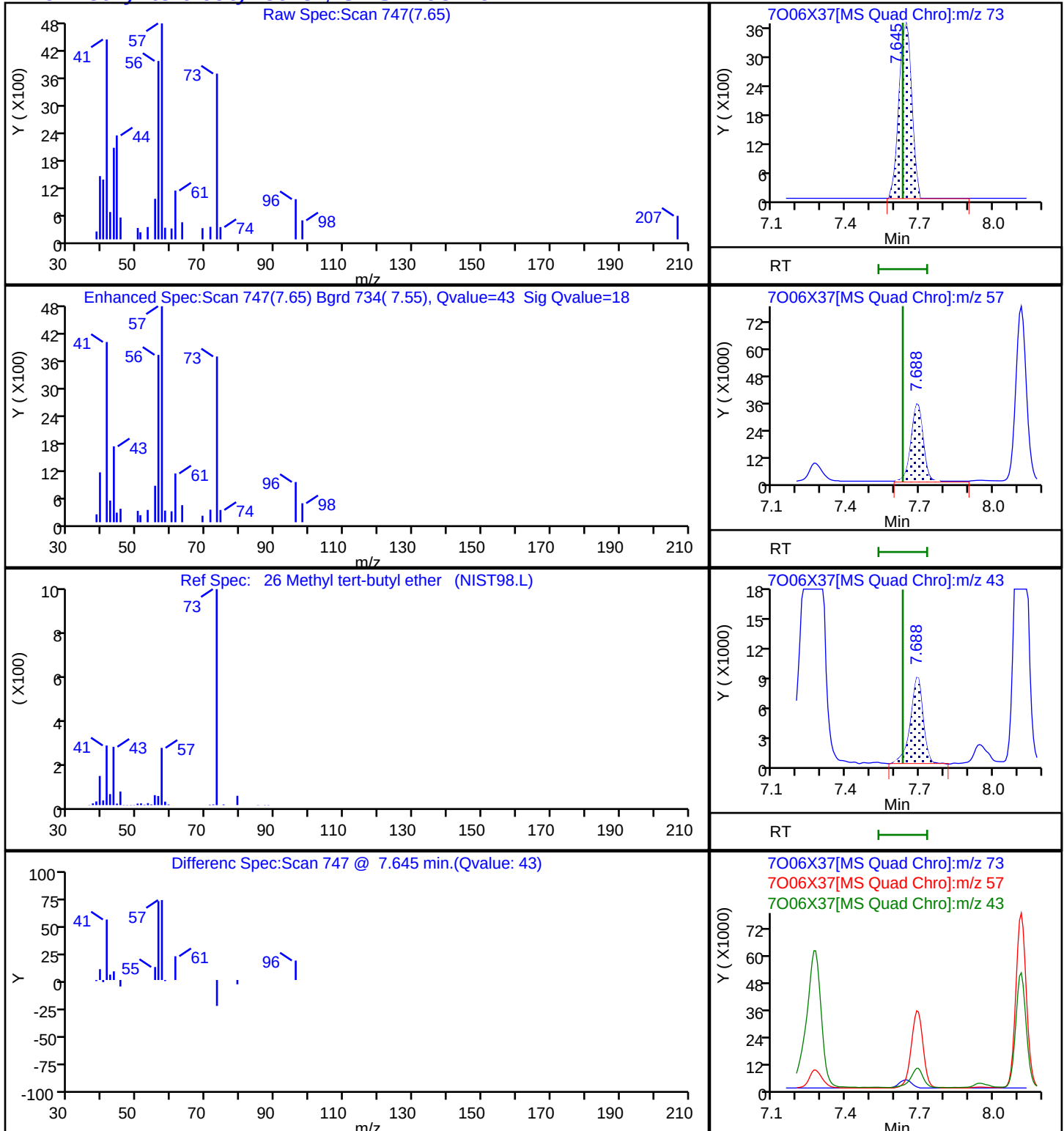
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

26 Methyl tert-butyl ether, CAS: 1634-04-4

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7006X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

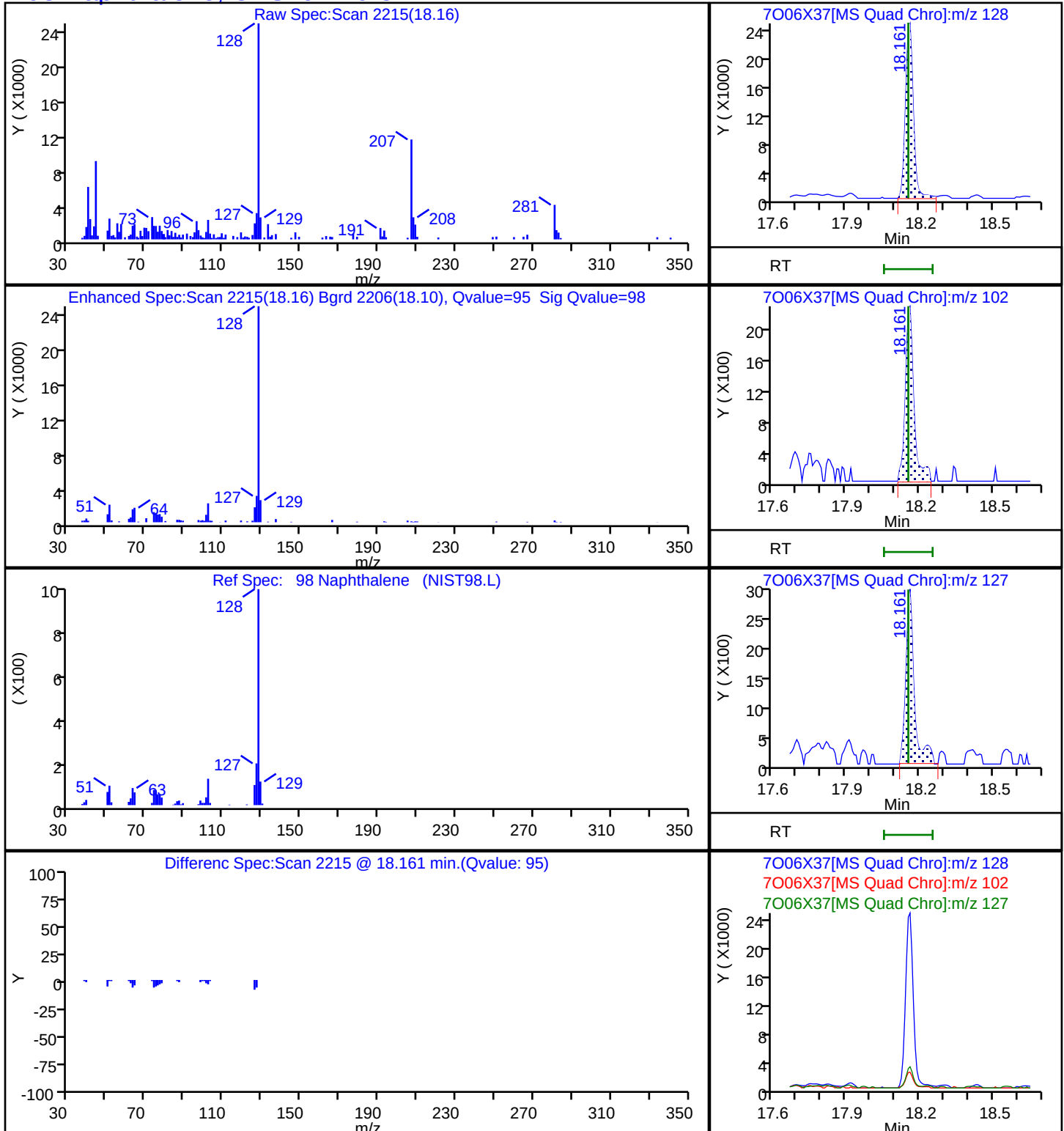
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

98 Naphthalene, CAS: 91-20-3

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

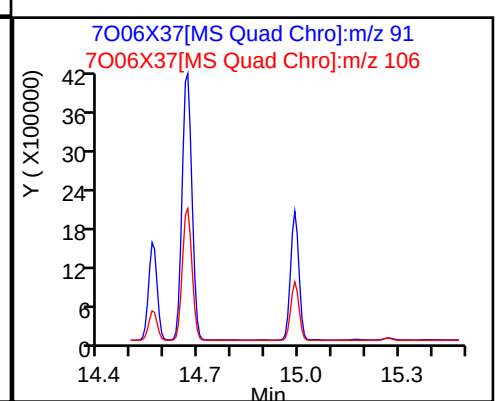
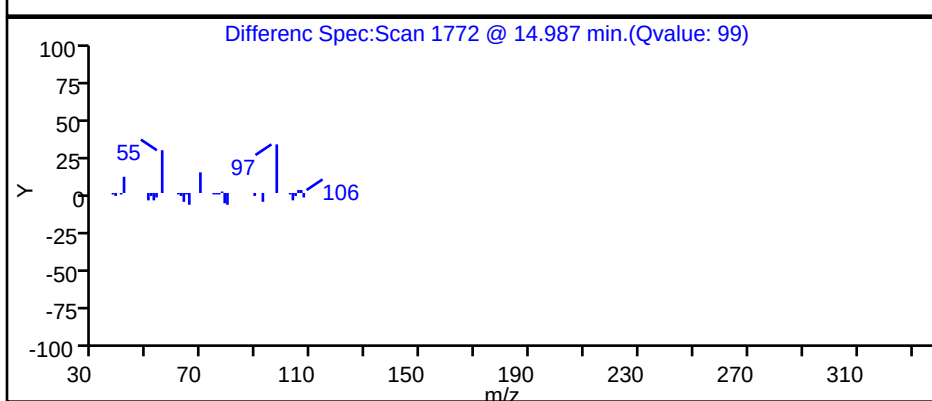
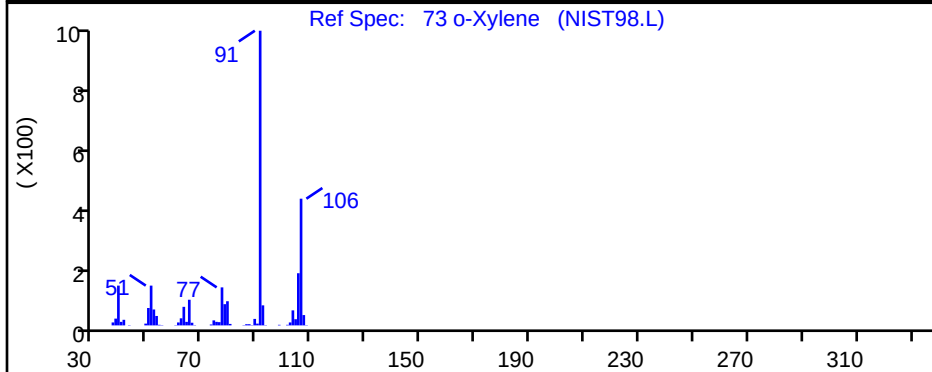
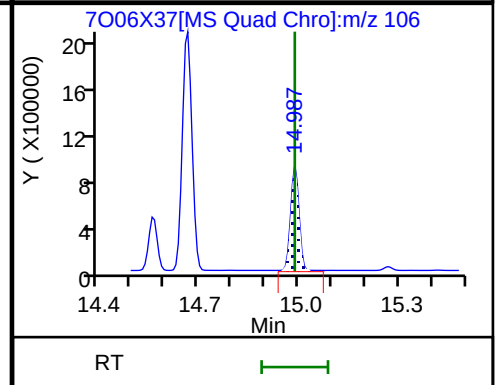
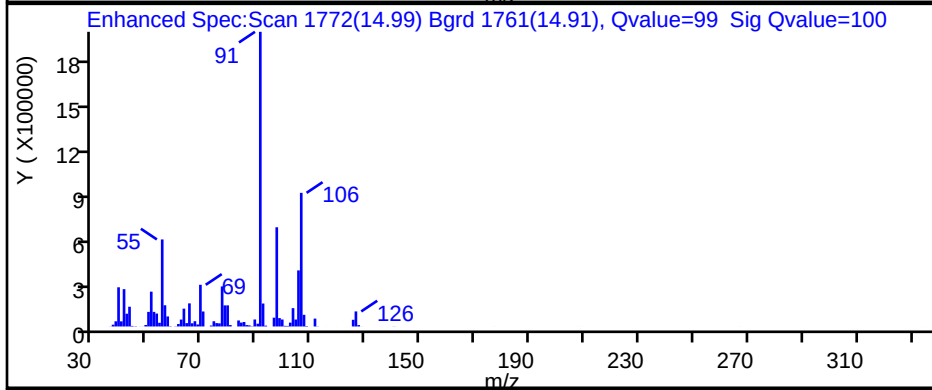
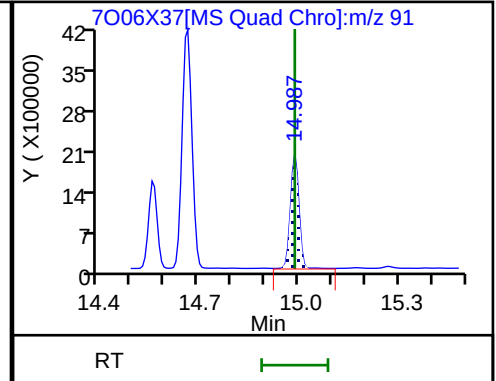
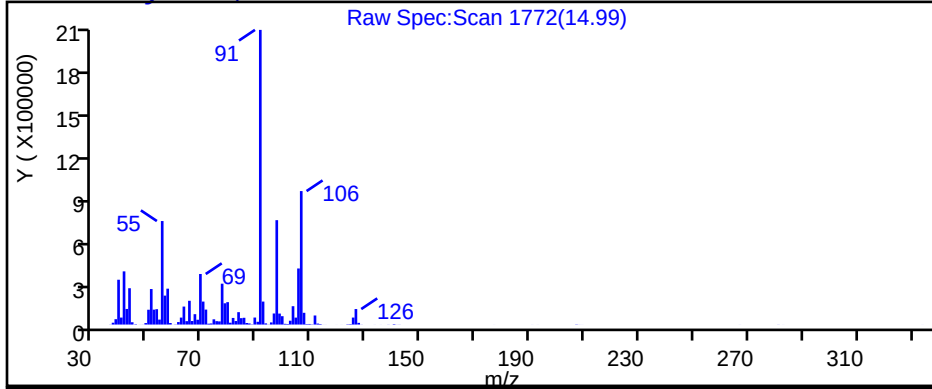
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

73 o-Xylene, CAS: 95-47-6

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

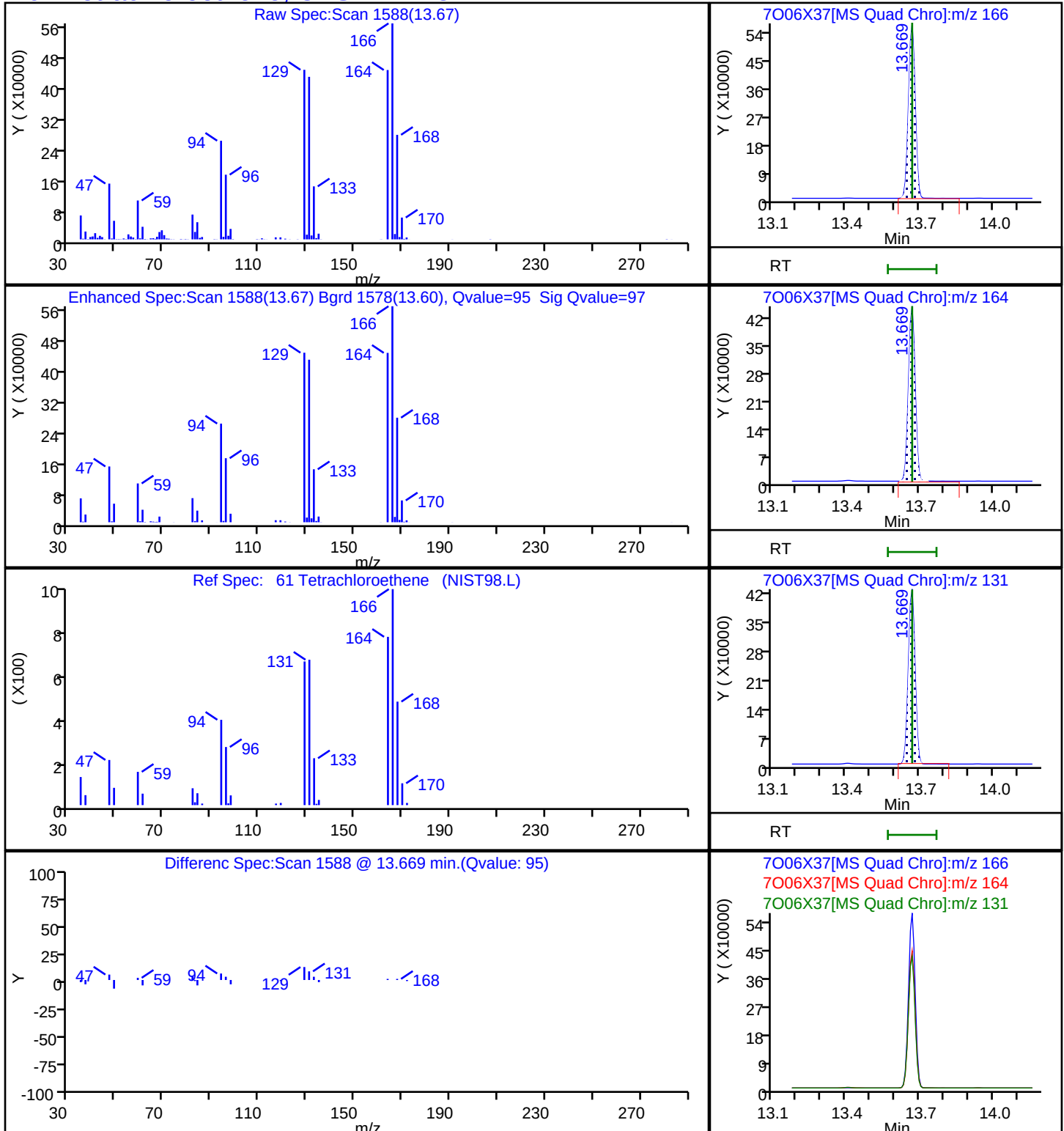
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

61 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

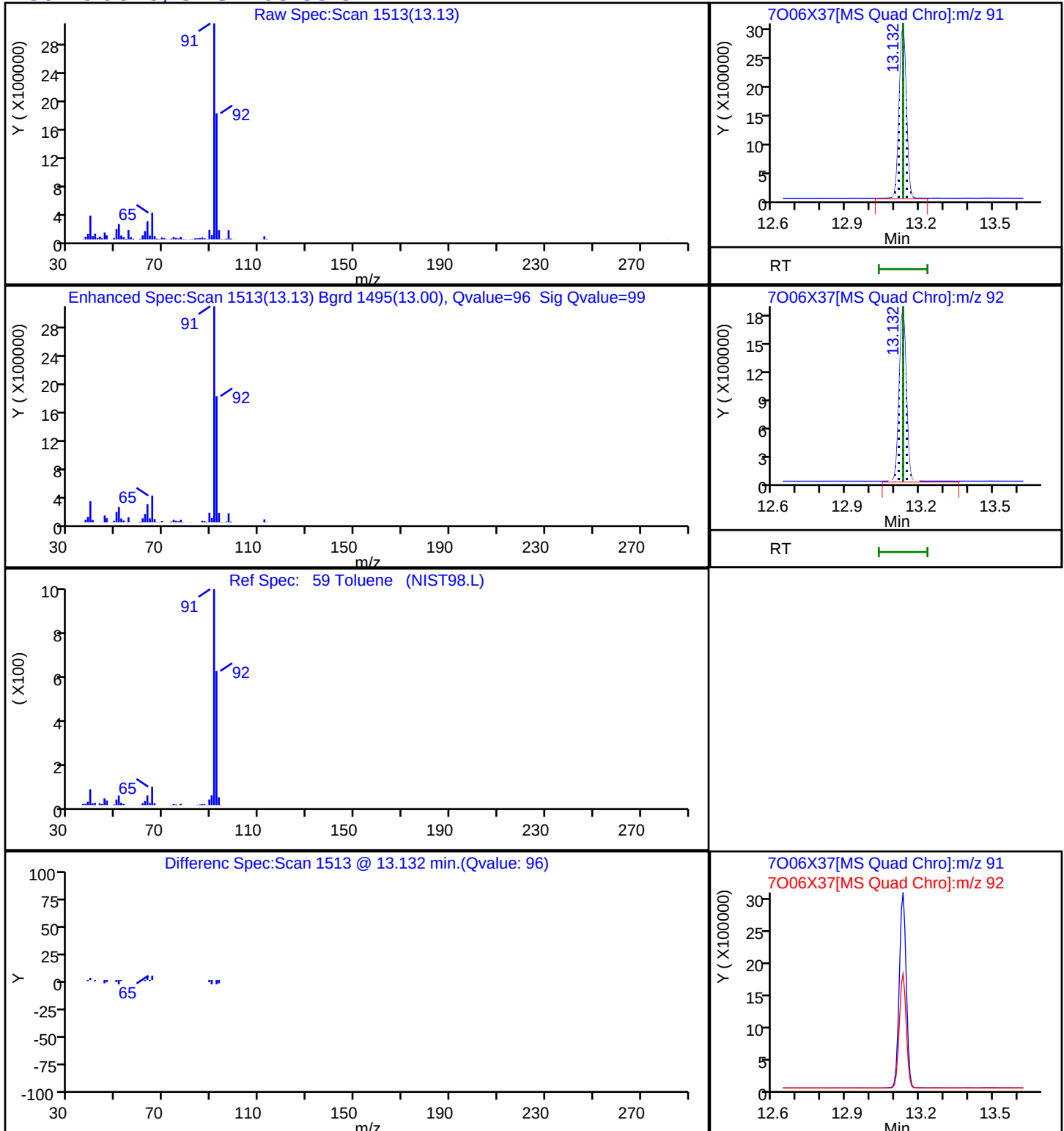
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

59 Toluene, CAS: 108-88-3

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

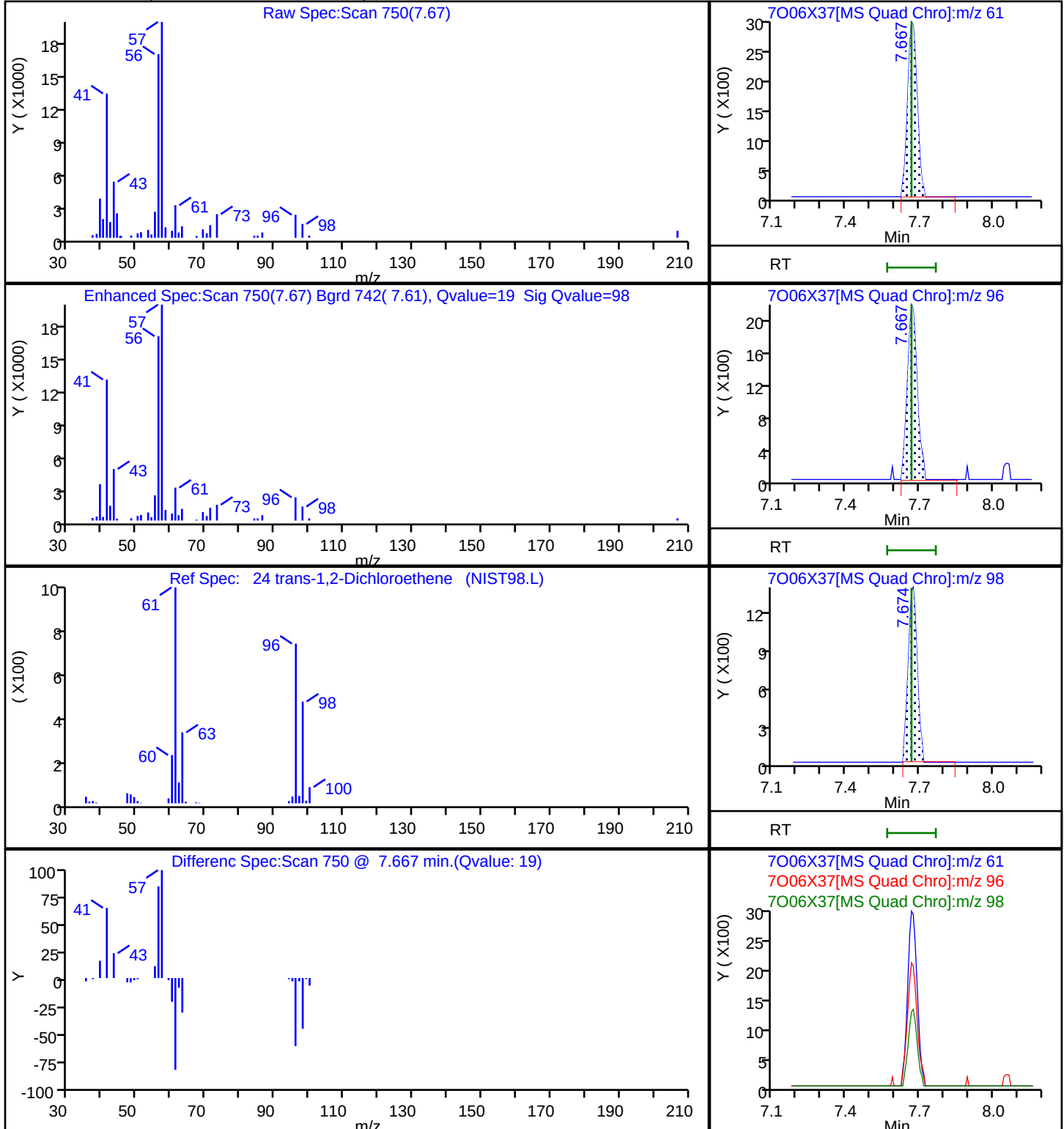
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

24 trans-1,2-Dichloroethene, CAS: 156-60-5

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

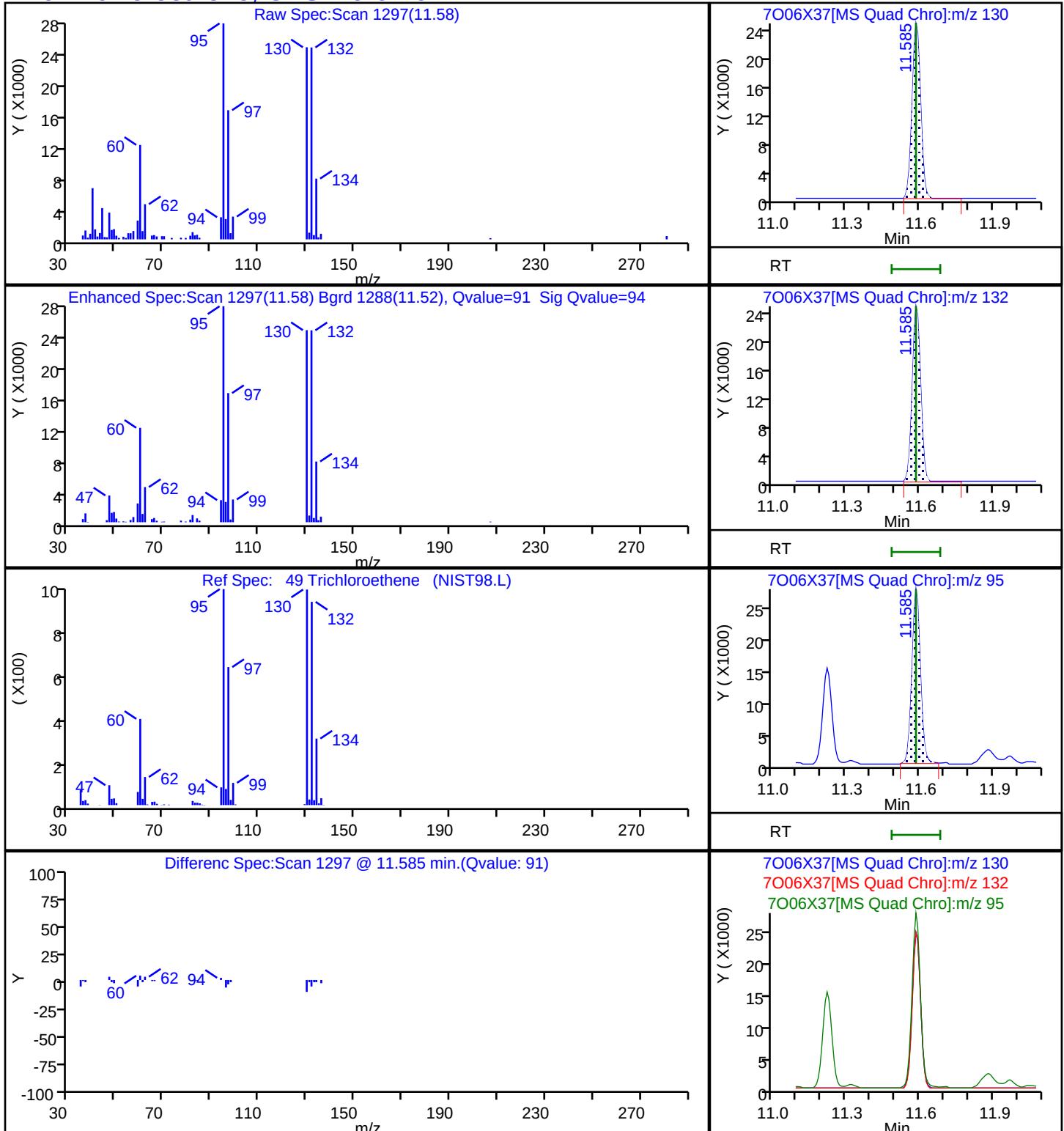
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

49 Trichloroethene, CAS: 79-01-6

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

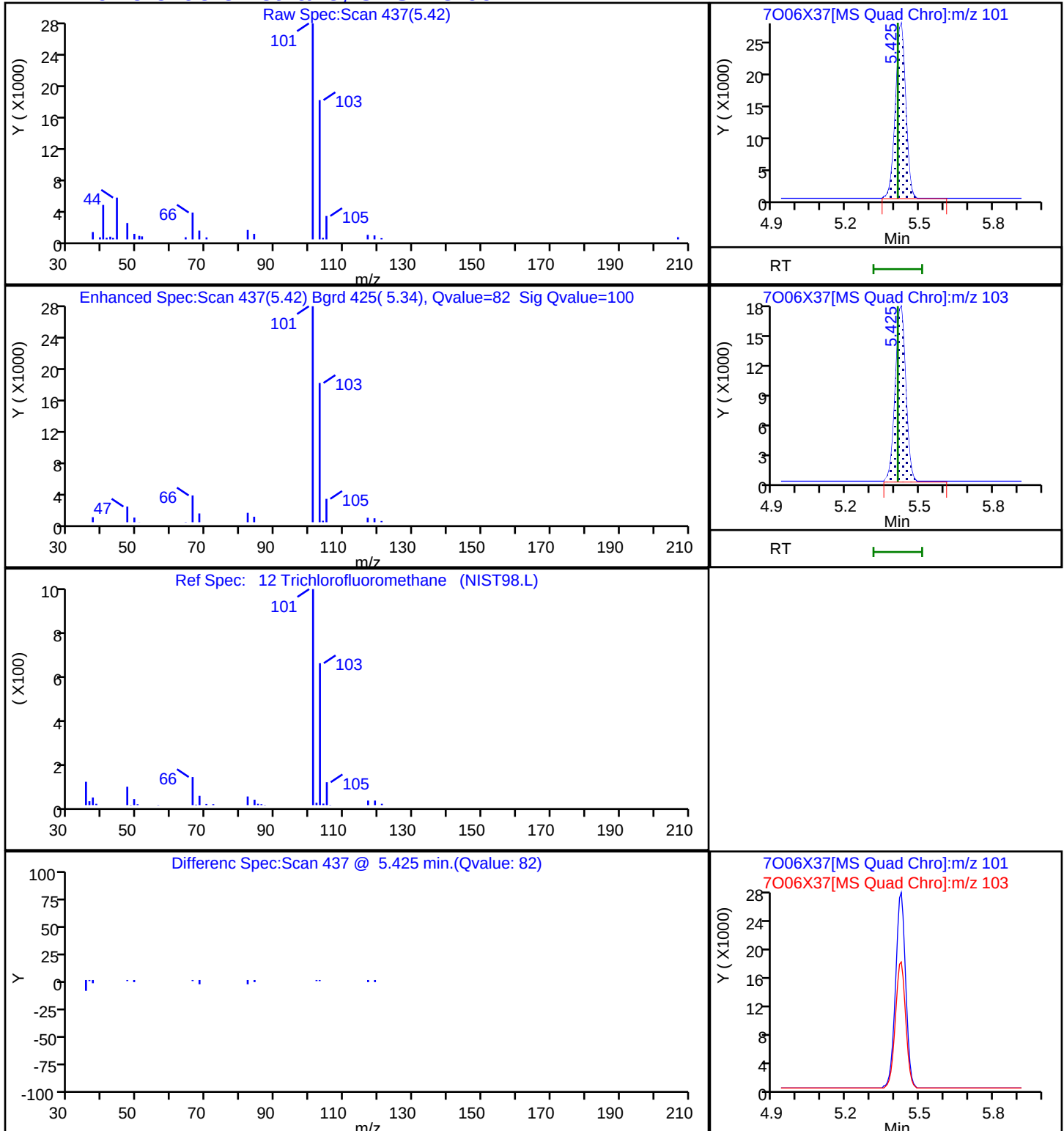
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

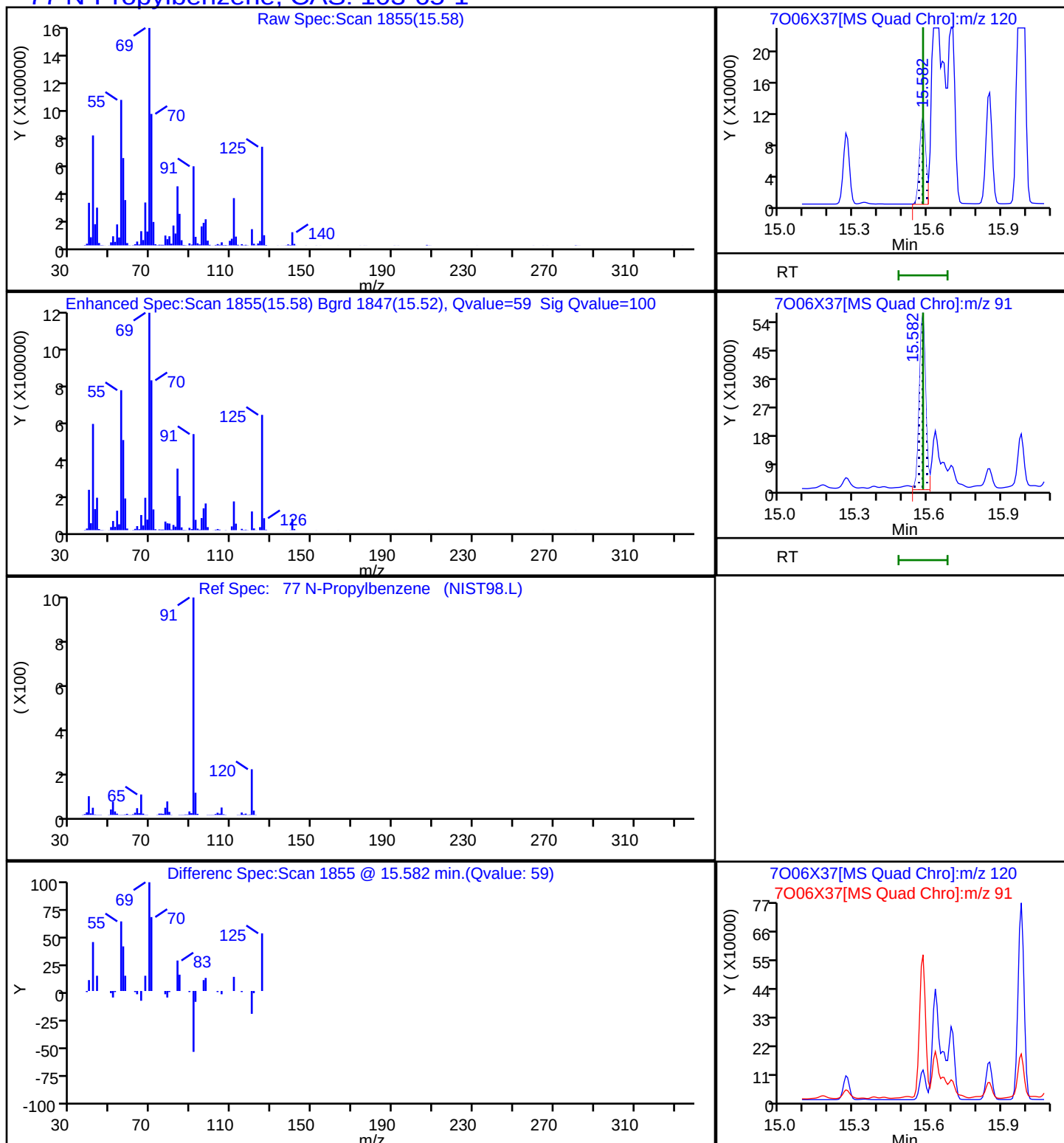
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

77 N-Propylbenzene, CAS: 103-65-1

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

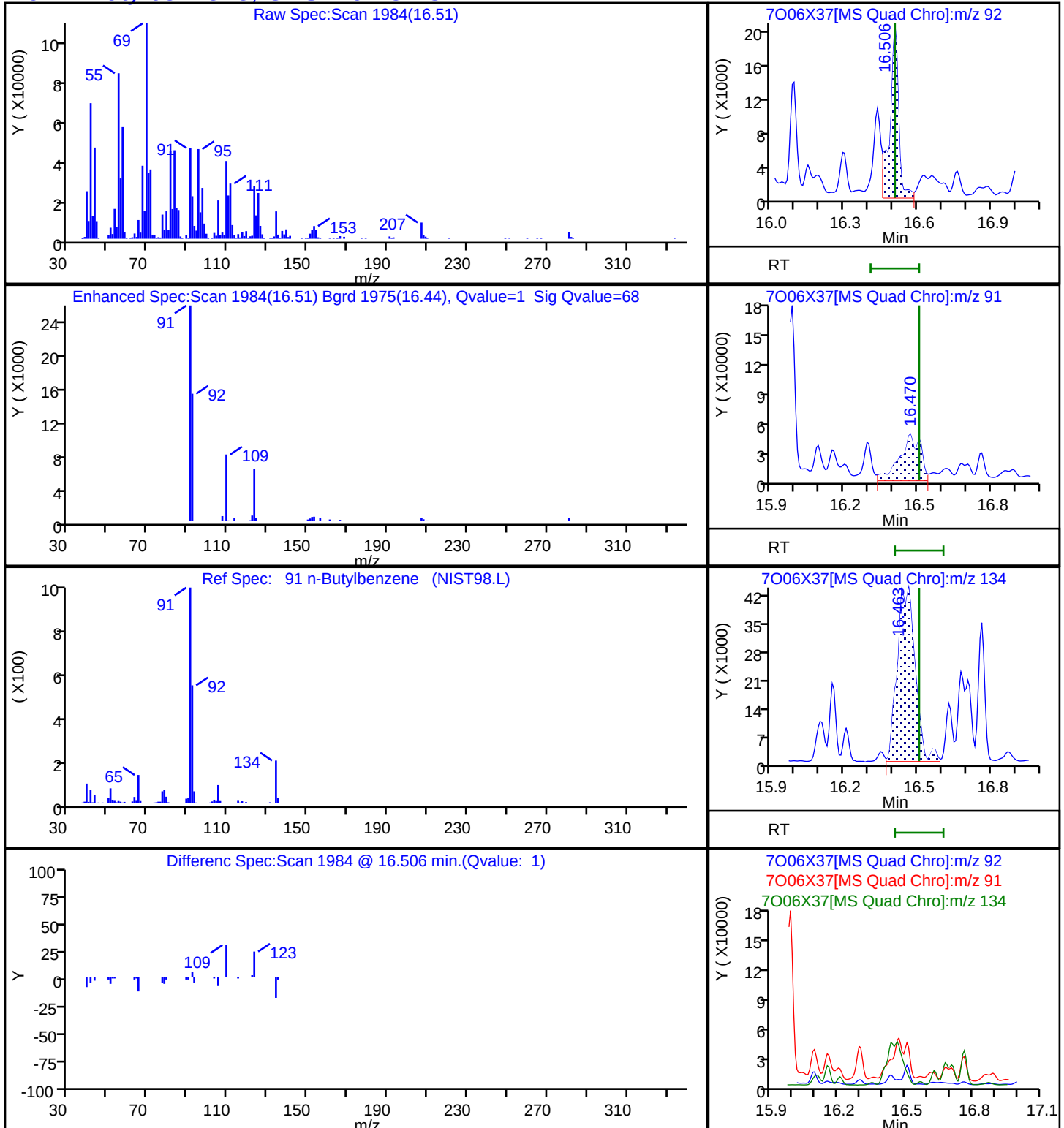
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

91 n-Butylbenzene, CAS: 104-51-8

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

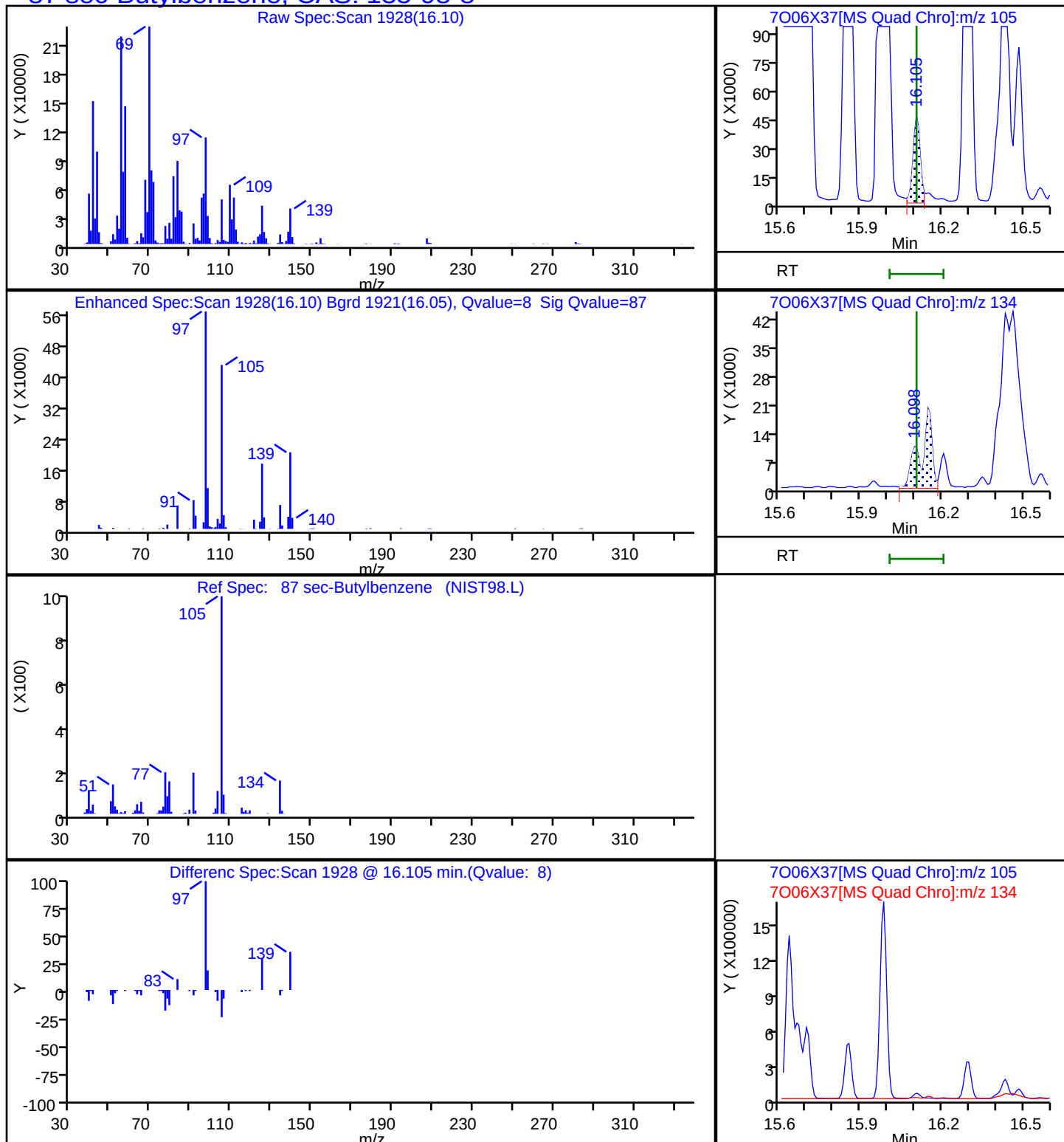
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

87 sec-Butylbenzene, CAS: 135-98-8

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#: 16

Worklist Smp#: 35

Purge Vol: 200.000 mL

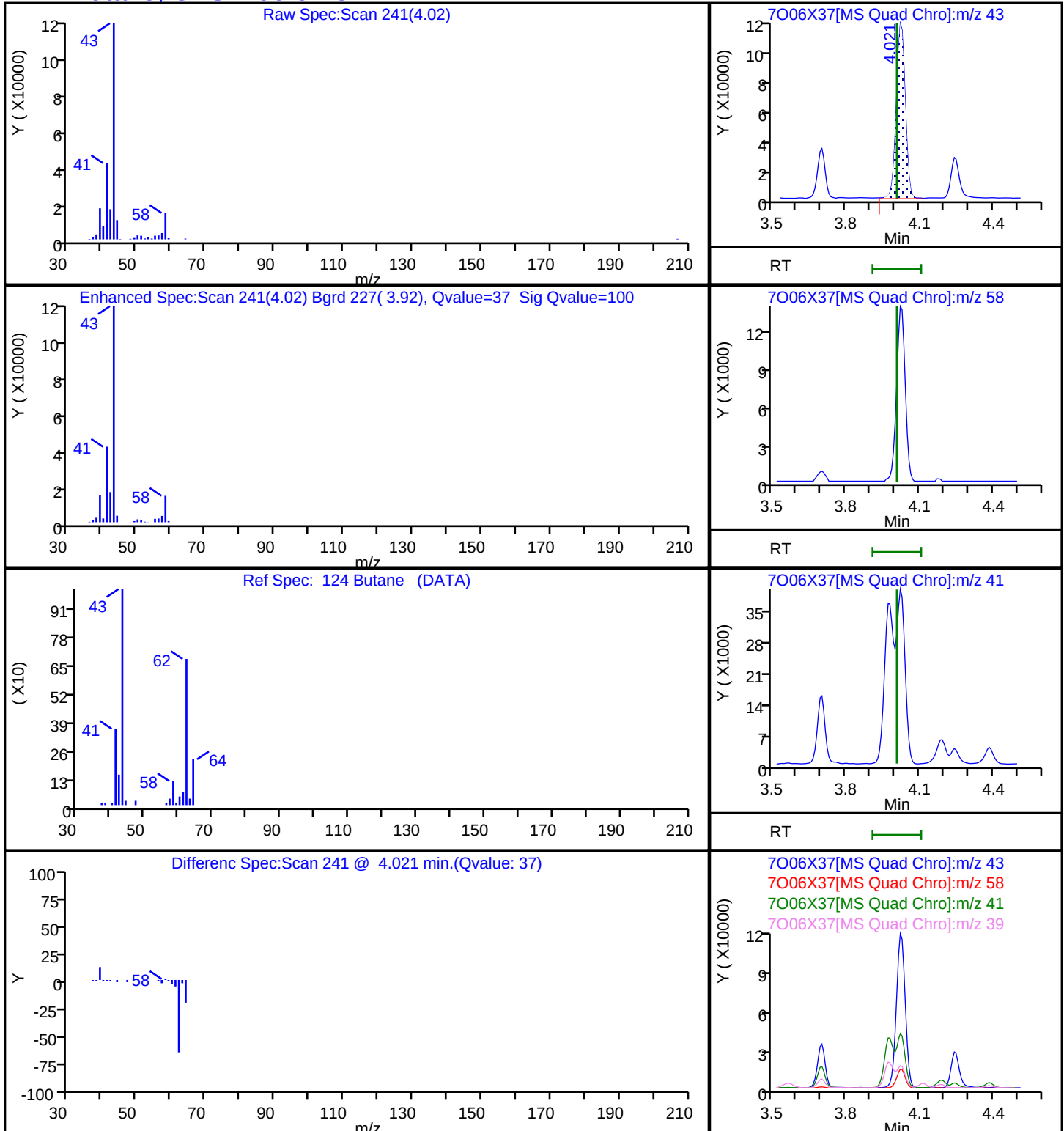
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

124 Butane, CAS: 106-97-8

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#:

16

Worklist Smp#: 35

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

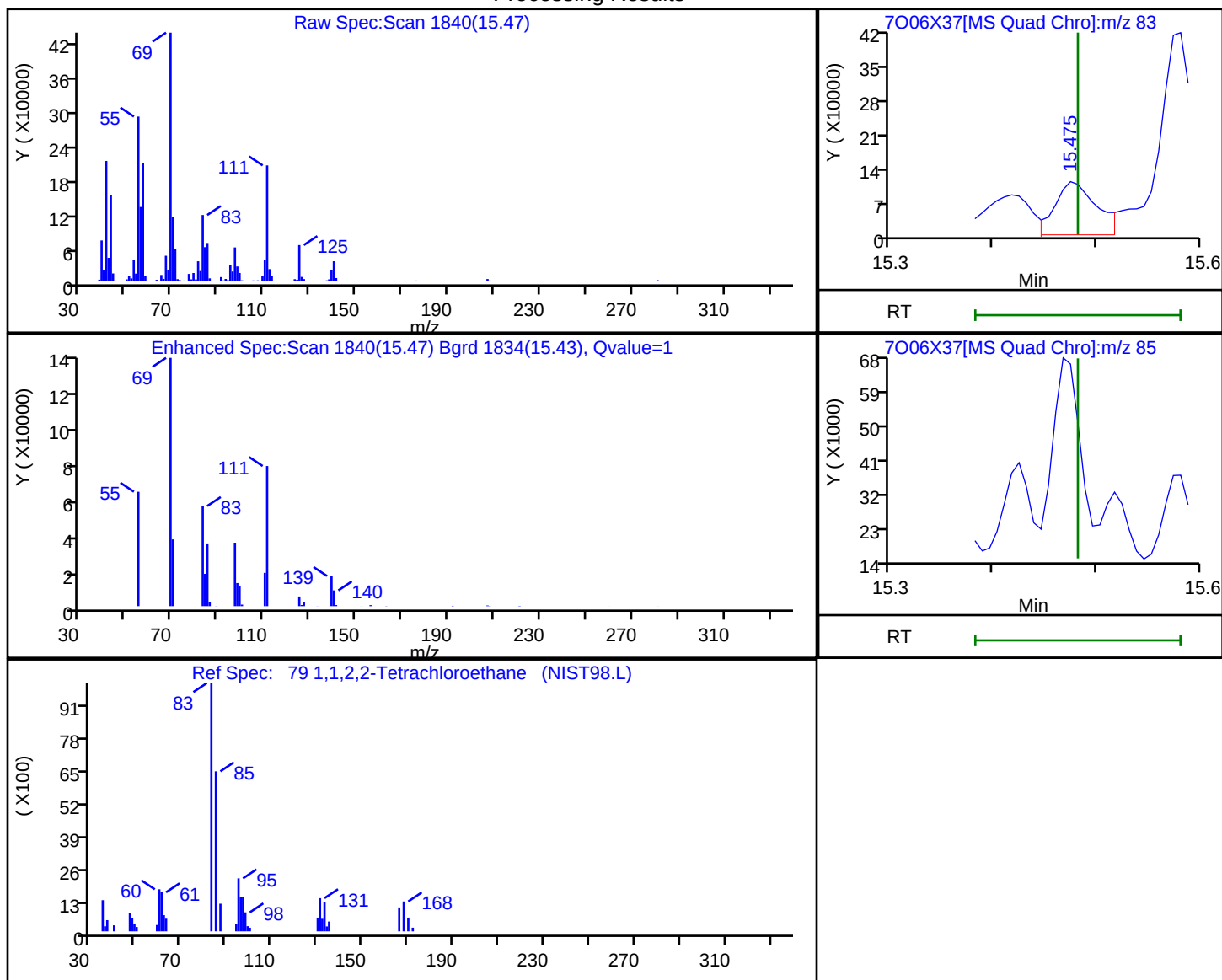
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
15.47	83.00	286444	2.738647
15.48	85.00	0	

Reviewer: D7UM, 07-Oct-2025 13:27:08 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

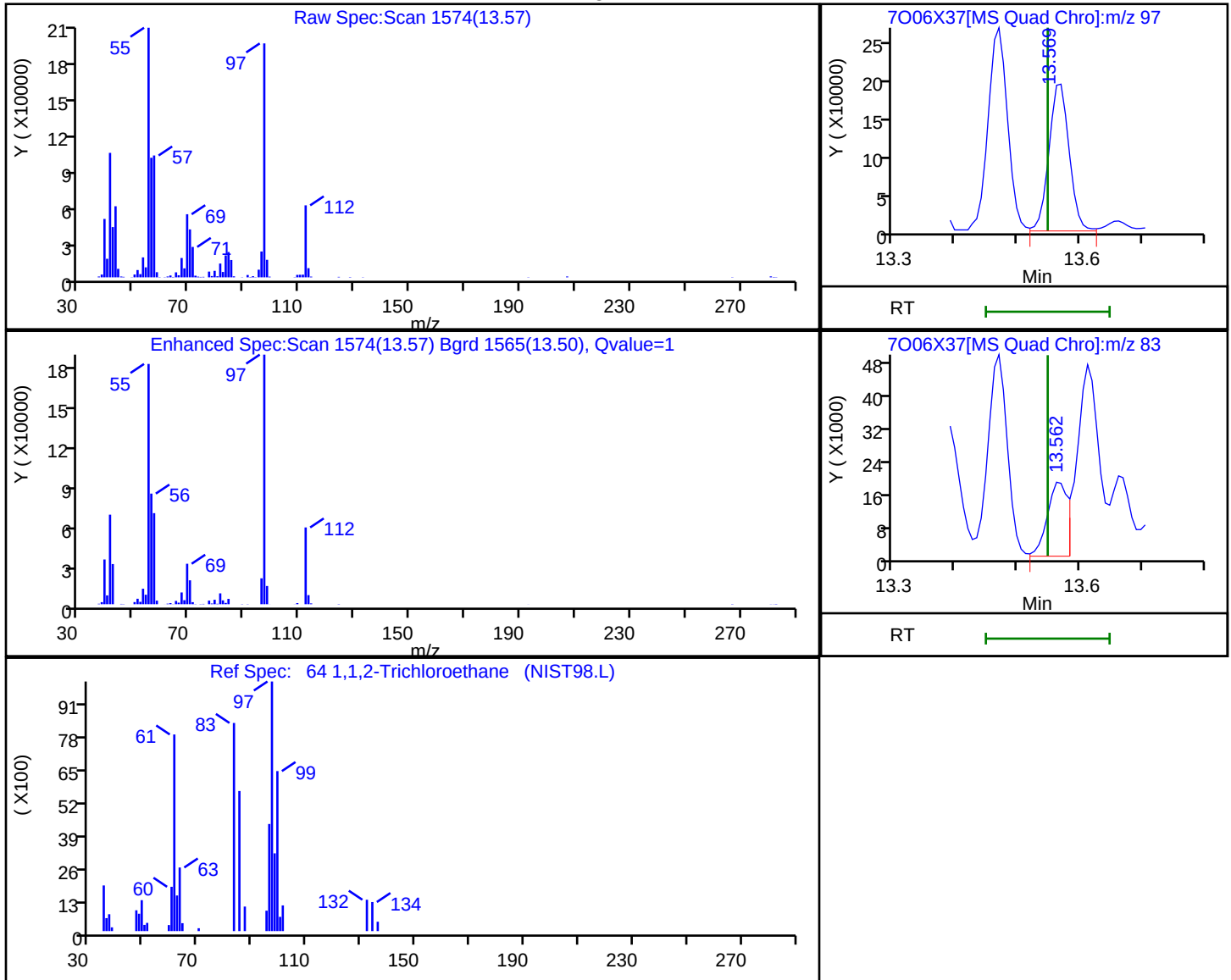
Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D
Injection Date: 07-Oct-2025 11:10:32 Instrument ID: HP8R004
Lims ID: 460-336049-A-1 Lab Sample ID: 410-336049-1
Client ID: SV-03_20250930
Operator ID: sn105465 ALS Bottle#: 16 Worklist Smp#: 35
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

64 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
13.57	97.00	434706	9.476272
13.56	83.00	40485	

Reviewer: D7UM, 07-Oct-2025 13:26:44 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

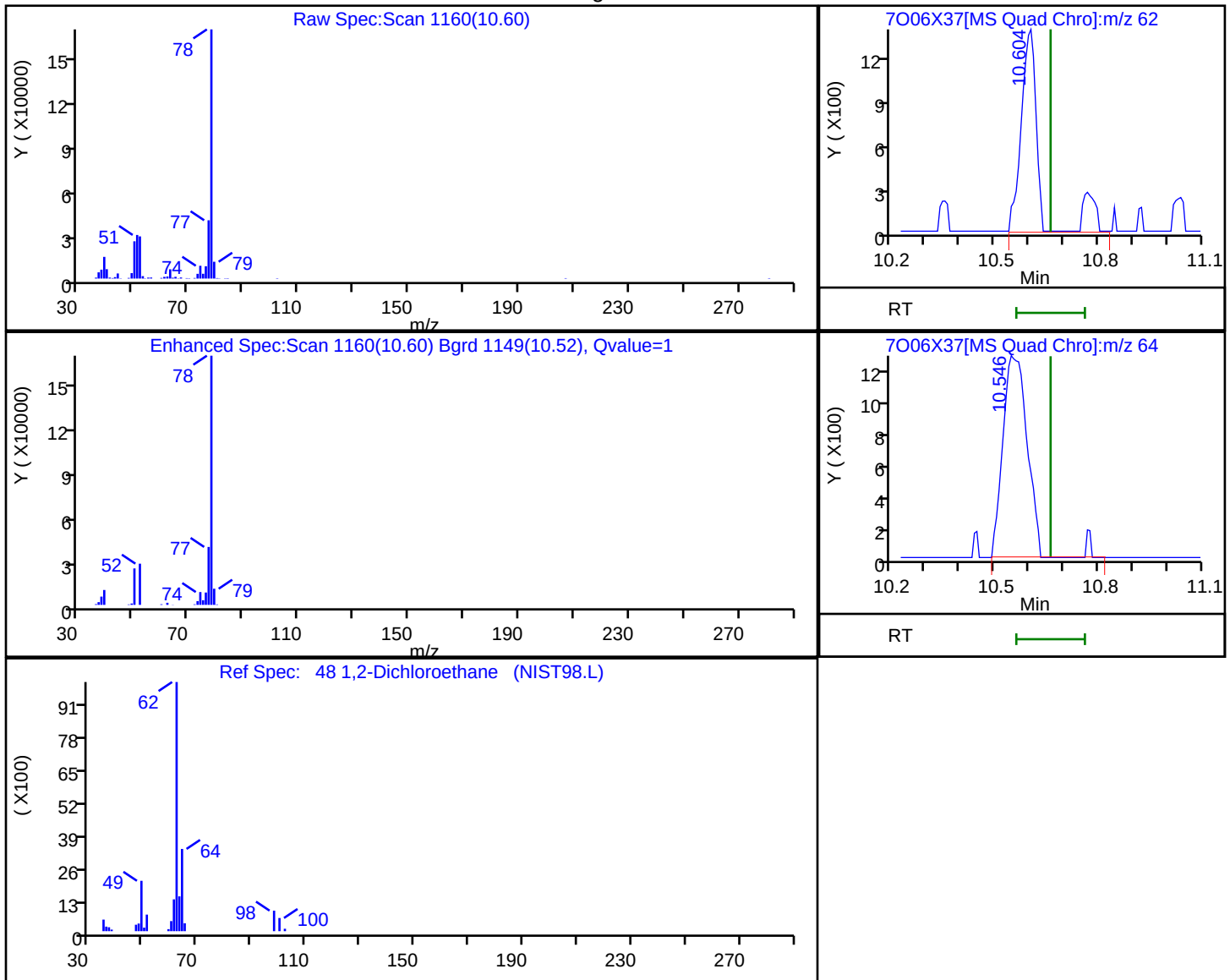
Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D
Injection Date: 07-Oct-2025 11:10:32 Instrument ID: HP8R004
Lims ID: 460-336049-A-1 Lab Sample ID: 410-336049-1
Client ID: SV-03_20250930
Operator ID: sn105465 ALS Bottle#: 16 Worklist Smp#: 35
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

48 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
10.60	62.00	4621	0.090714
10.55	64.00	6404	

Reviewer: D7UM, 07-Oct-2025 13:26:17 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#:

16

Worklist Smp#: 35

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

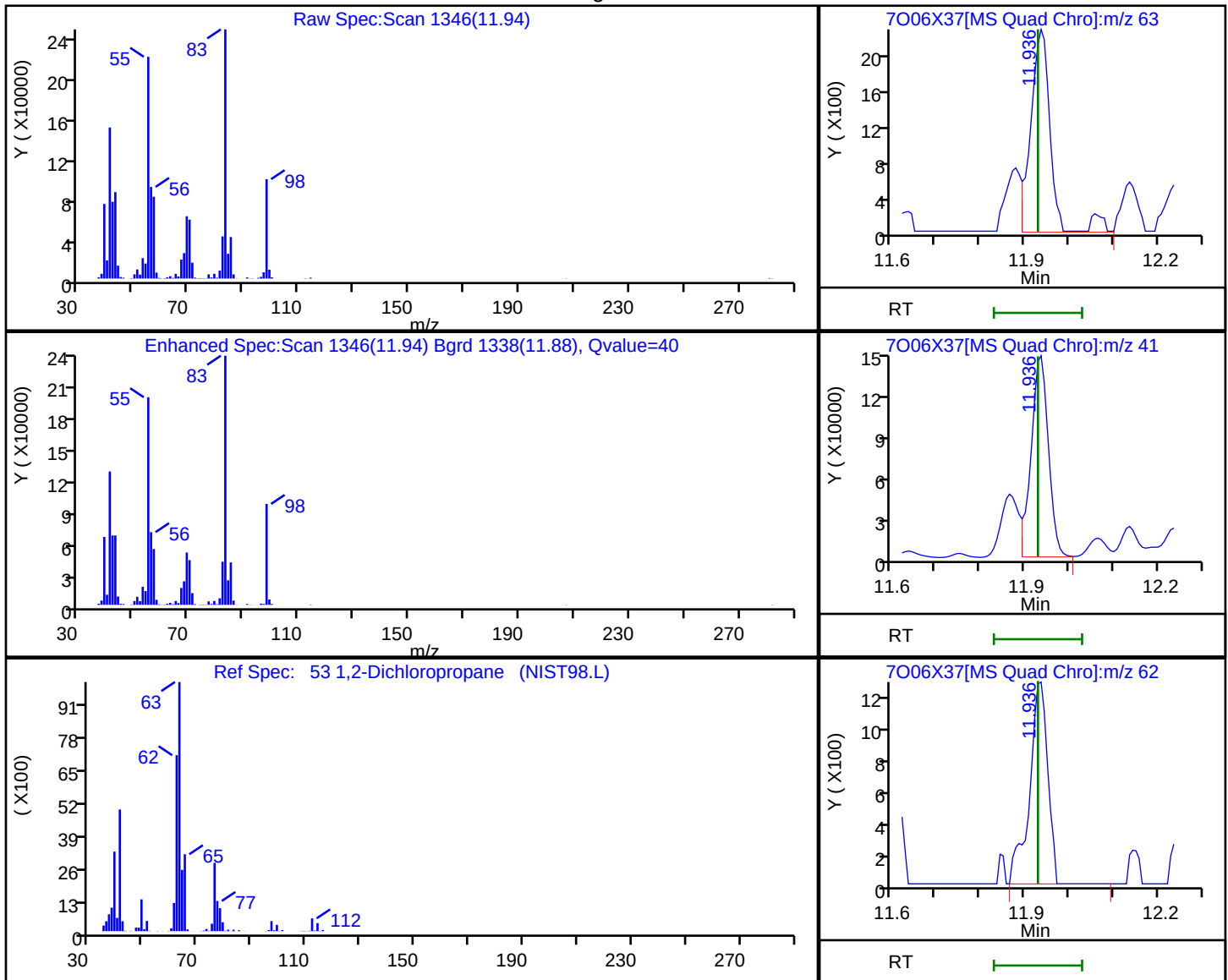
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

53 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
11.94	63.00	6914	0.150378
11.94	41.00	400260	
11.94	62.00	3492	

Reviewer: D7UM, 07-Oct-2025 13:26:25 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

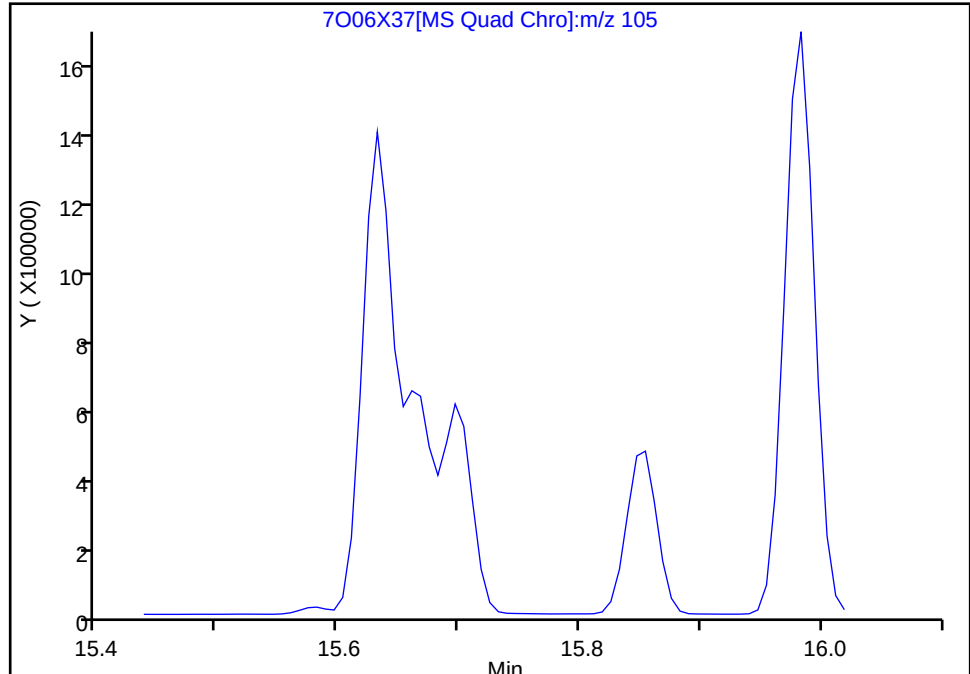
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D
Injection Date: 07-Oct-2025 11:10:32 Instrument ID: HP8R004
Lims ID: 460-336049-A-1 Lab Sample ID: 410-336049-1
Client ID: SV-03_20250930
Operator ID: sn105465 ALS Bottle#: 16 Worklist Smp#: 35
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

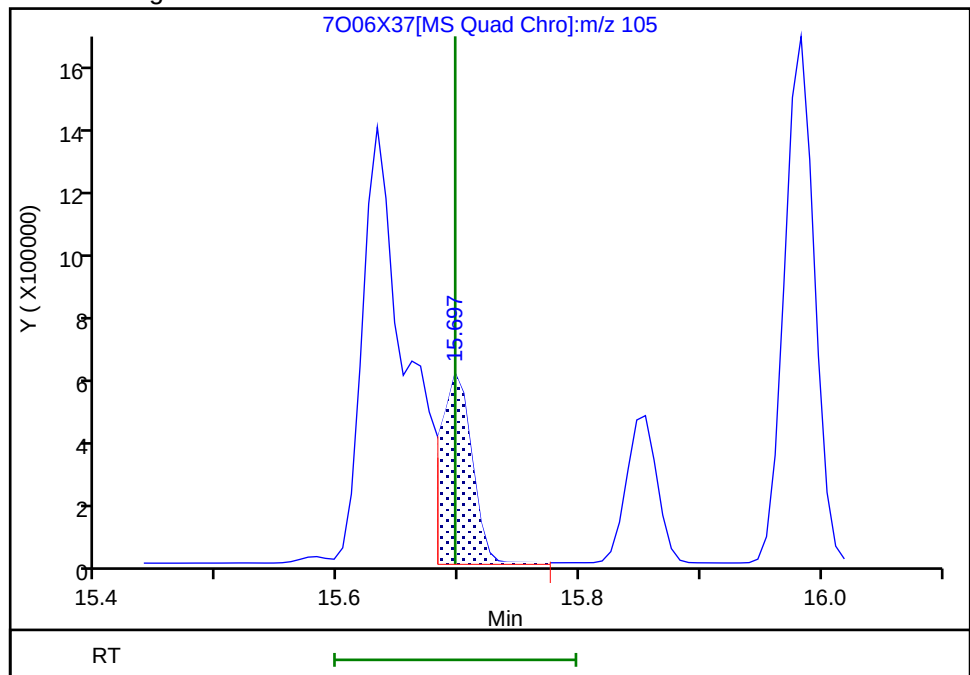
Not Detected
Expected RT: 15.70

Processing Integration Results



Manual Integration Results

RT: 15.70
Area: 1016384
Amount: 8.340725
Amount Units: ppb v/v



Reviewer: D7UM, 07-Oct-2025 13:27:25 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

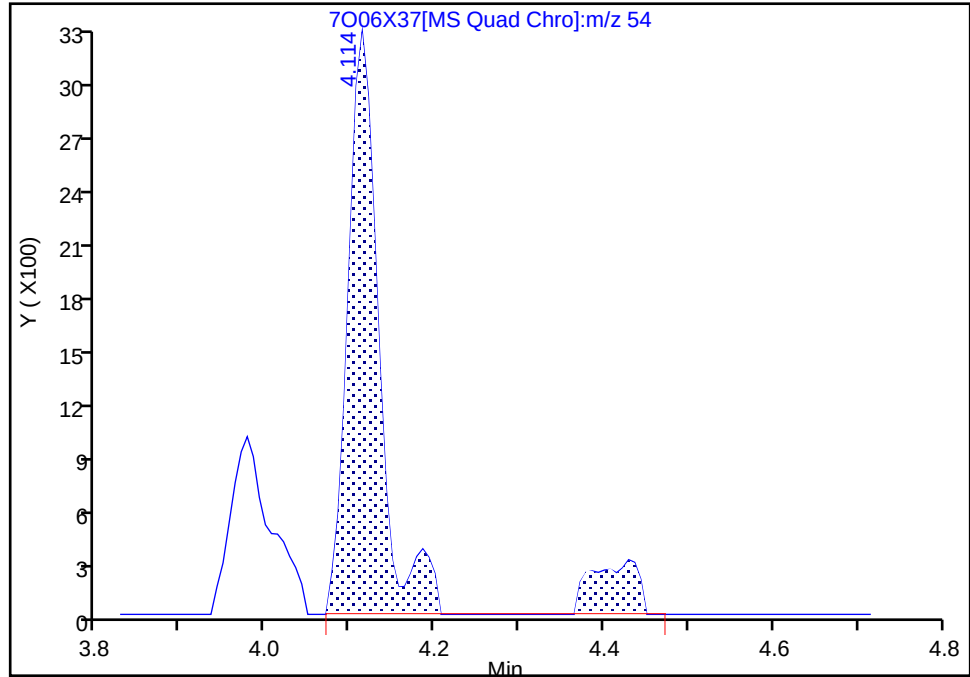
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D
Injection Date: 07-Oct-2025 11:10:32 Instrument ID: HP8R004
Lims ID: 460-336049-A-1 Lab Sample ID: 410-336049-1
Client ID: SV-03_20250930
Operator ID: sn105465 ALS Bottle#: 16 Worklist Smp#: 35
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

7 Butadiene, CAS: 106-99-0

Signal: 1

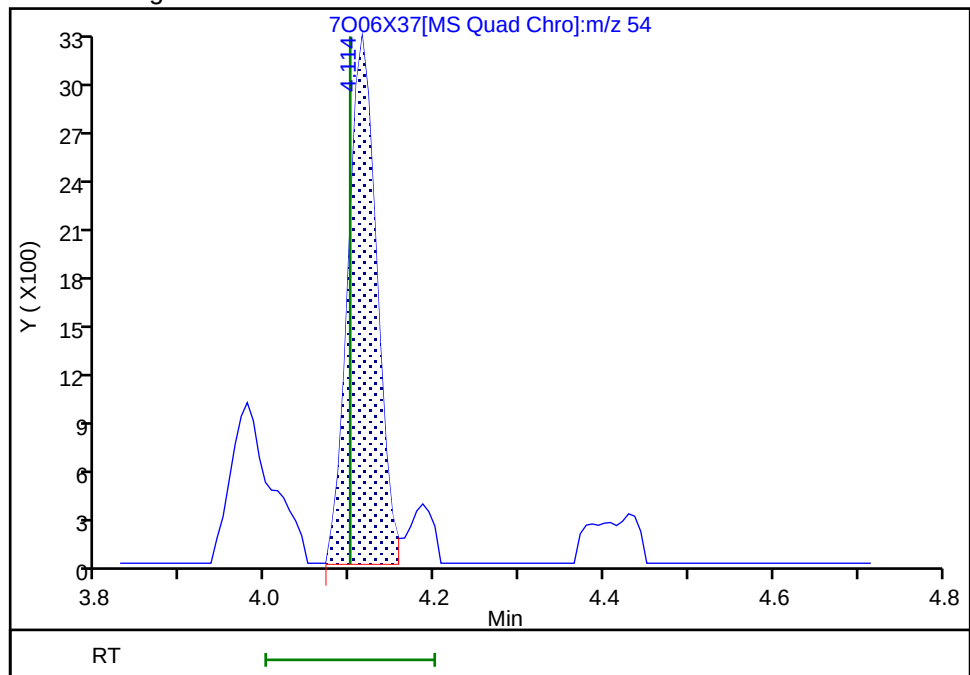
RT: 4.11
Area: 9530
Amount: 0.415769
Amount Units: ppb v/v

Processing Integration Results



RT: 4.11
Area: 7646
Amount: 0.333575
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 07-Oct-2025 13:25:22 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

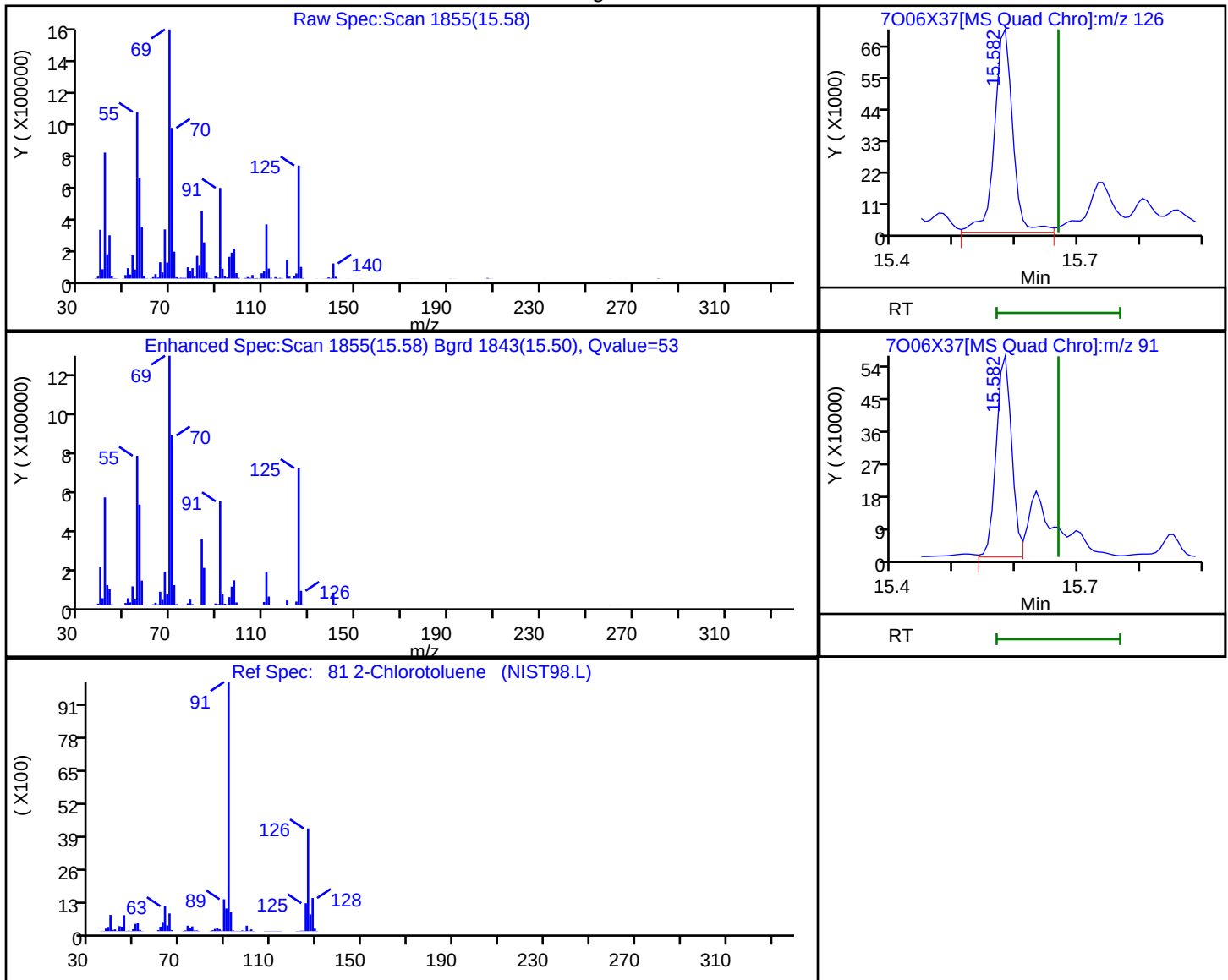
Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D
Injection Date: 07-Oct-2025 11:10:32 Instrument ID: HP8R004
Lims ID: 460-336049-A-1 Lab Sample ID: 410-336049-1
Client ID: SV-03_20250930
Operator ID: sn105465 ALS Bottle#: 16 Worklist Smp#: 35
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

81 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
15.58	126.00	144538	3.661071
15.58	91.00	972552	

Reviewer: D7UM, 07-Oct-2025 13:27:15 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

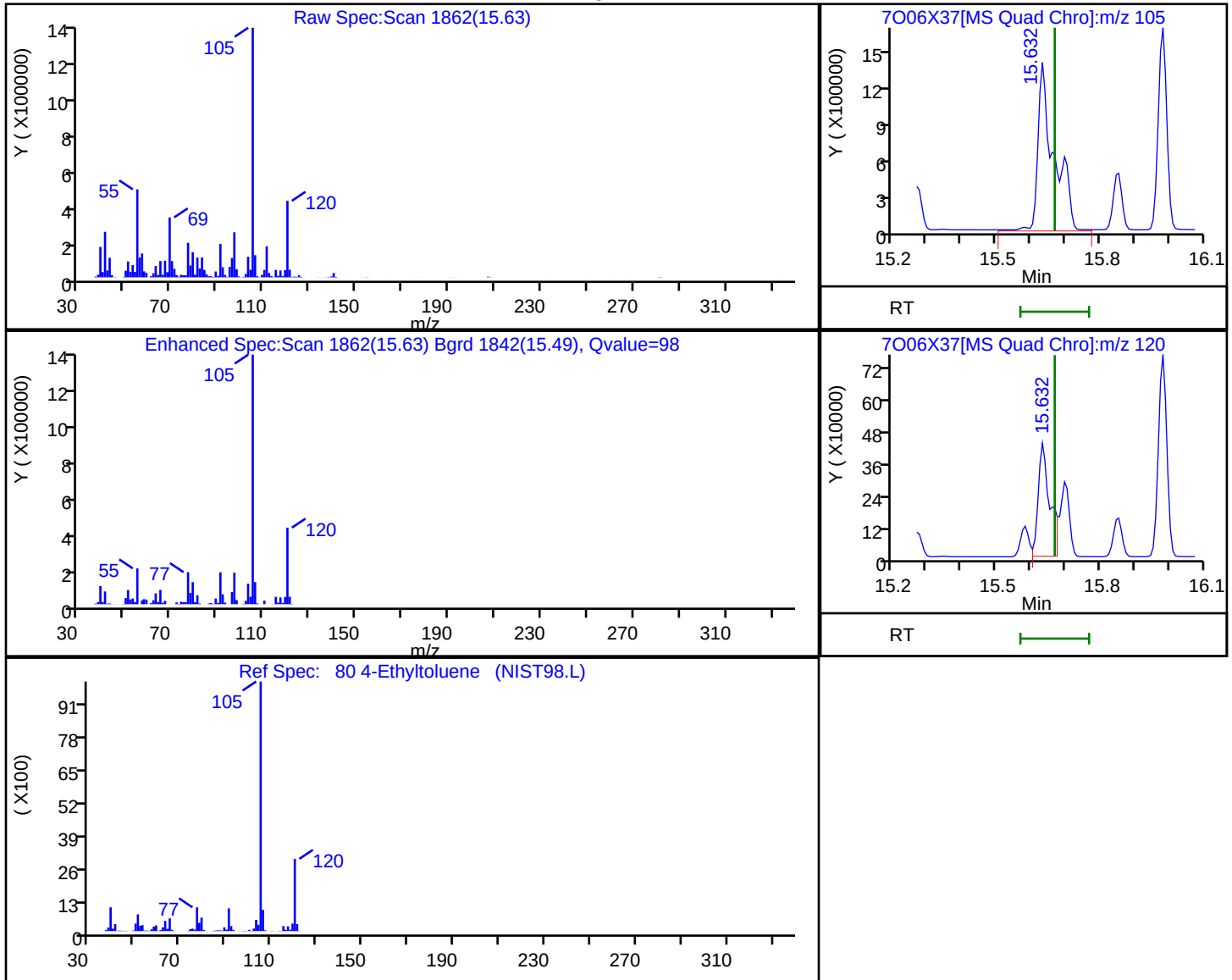
Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D
Injection Date: 07-Oct-2025 11:10:32 Instrument ID: HP8R004
Lims ID: 460-336049-A-1 Lab Sample ID: 410-336049-1
Client ID: SV-03_20250930
Operator ID: sn105465 ALS Bottle#: 16 Worklist Smp#: 35
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

80 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
15.63	105.00	4471191	29.373295
15.63	120.00	975034	

Reviewer: D7UM, 07-Oct-2025 13:27:13 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

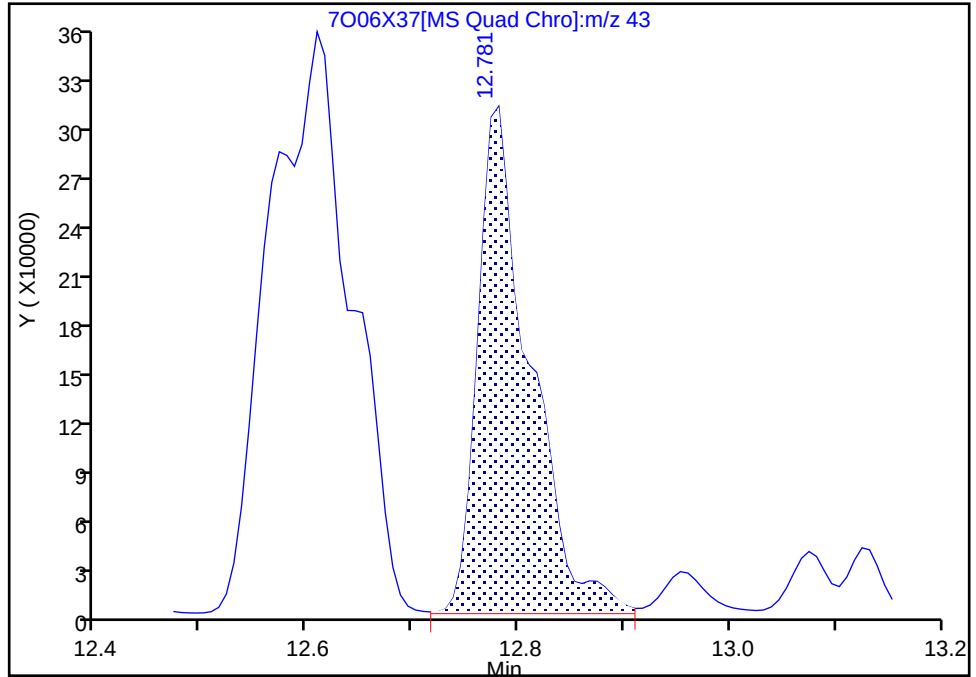
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D
Injection Date: 07-Oct-2025 11:10:32 Instrument ID: HP8R004
Lims ID: 460-336049-A-1 Lab Sample ID: 410-336049-1
Client ID: SV-03_20250930
Operator ID: sn105465 ALS Bottle#: 16 Worklist Smp#: 35
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

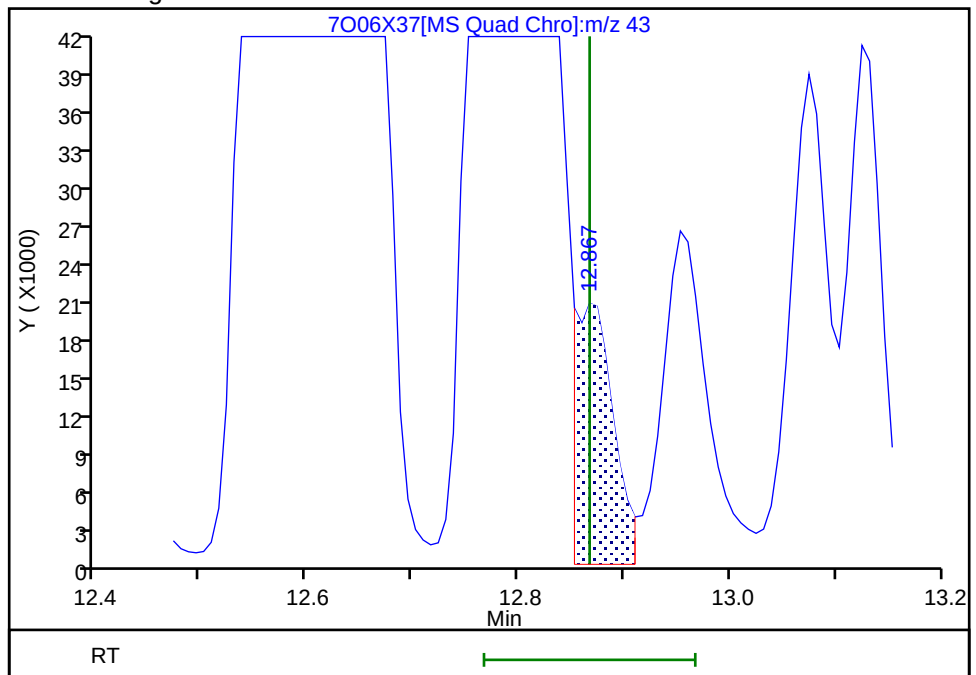
RT: 12.78
Area: 1061635
Amount: 12.477049
Amount Units: ppb v/v

Processing Integration Results



RT: 12.87
Area: 48529
Amount: 0.570345
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 07-Oct-2025 13:29:56 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

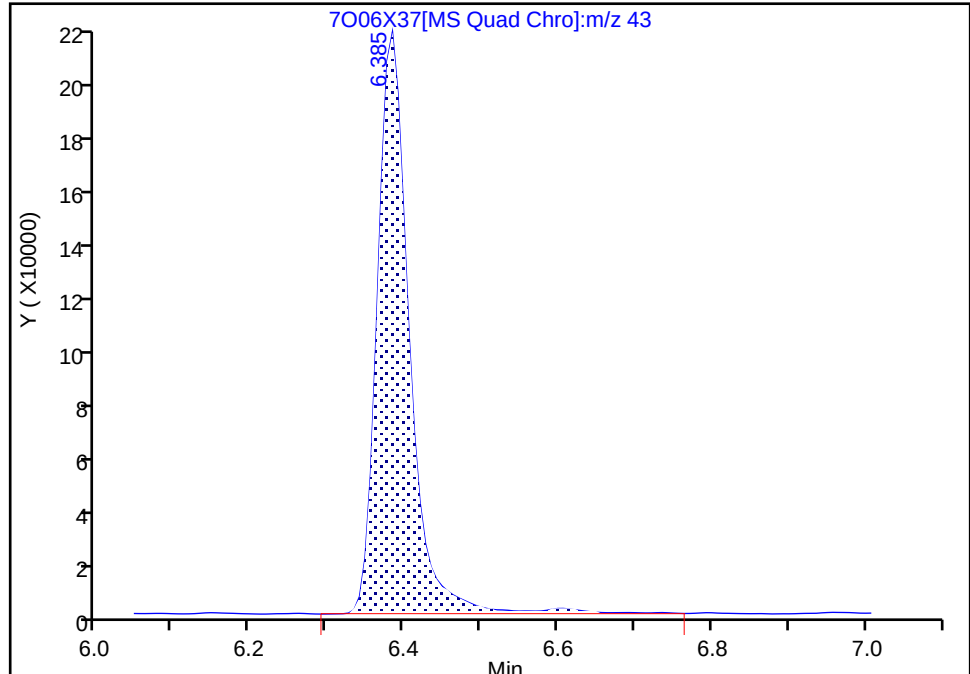
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D
Injection Date: 07-Oct-2025 11:10:32 Instrument ID: HP8R004
Lims ID: 460-336049-A-1 Lab Sample ID: 410-336049-1
Client ID: SV-03_20250930
Operator ID: sn105465 ALS Bottle#: 16 Worklist Smp#: 35
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

23 Acetone, CAS: 67-64-1

Signal: 1

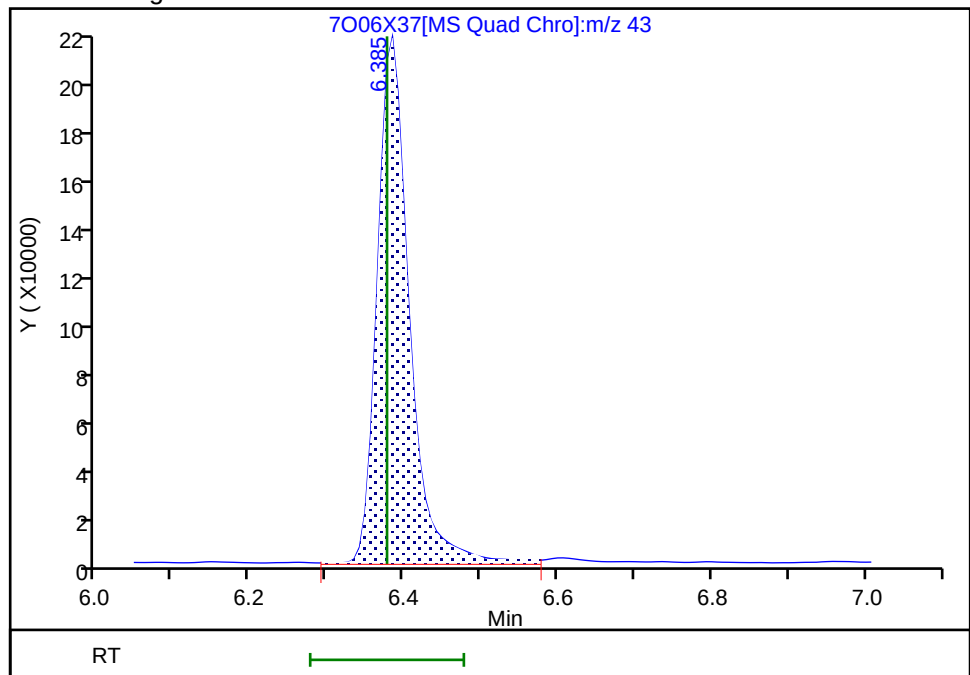
RT: 6.38
Area: 624519
Amount: 11.839184
Amount Units: ppb v/v

Processing Integration Results



RT: 6.38
Area: 613606
Amount: 11.632303
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 07-Oct-2025 13:25:36 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

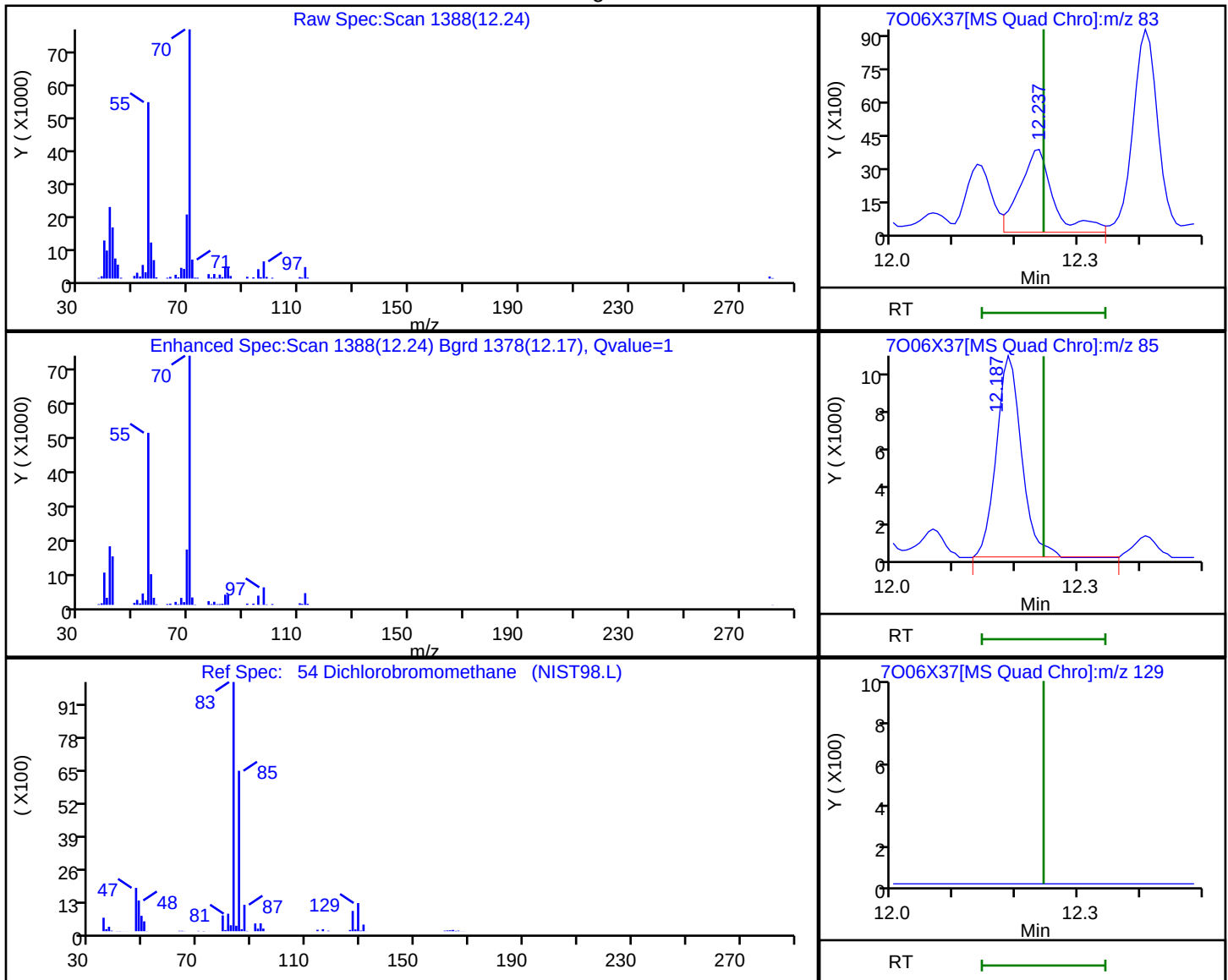
Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D
Injection Date: 07-Oct-2025 11:10:32 Instrument ID: HP8R004
Lims ID: 460-336049-A-1 Lab Sample ID: 410-336049-1
Client ID: SV-03_20250930
Operator ID: sn105465 ALS Bottle#: 16 Worklist Smp#: 35
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

54 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
12.24	83.00	13801	0.171420
12.19	85.00	30512	
12.24	129.00	0	

Reviewer: D7UM, 07-Oct-2025 13:26:31 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

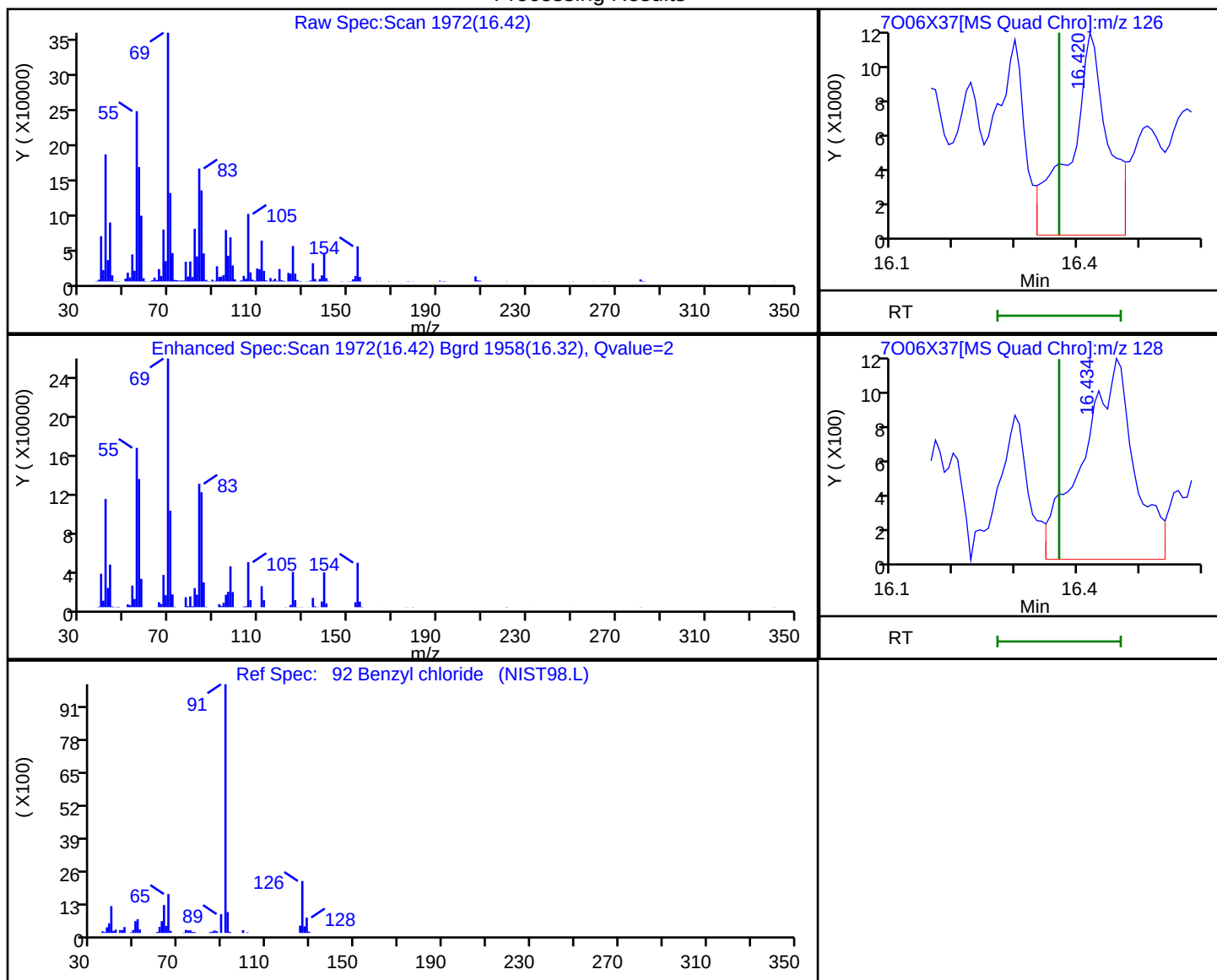
Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D
Injection Date: 07-Oct-2025 11:10:32 Instrument ID: HP8R004
Lims ID: 460-336049-A-1 Lab Sample ID: 410-336049-1
Client ID: SV-03_20250930
Operator ID: sn105465 ALS Bottle#: 16 Worklist Smp#: 35
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

92 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
16.42	126.00	44500	2.207535
16.43	128.00	6496	

Reviewer: D7UM, 07-Oct-2025 13:27:52 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

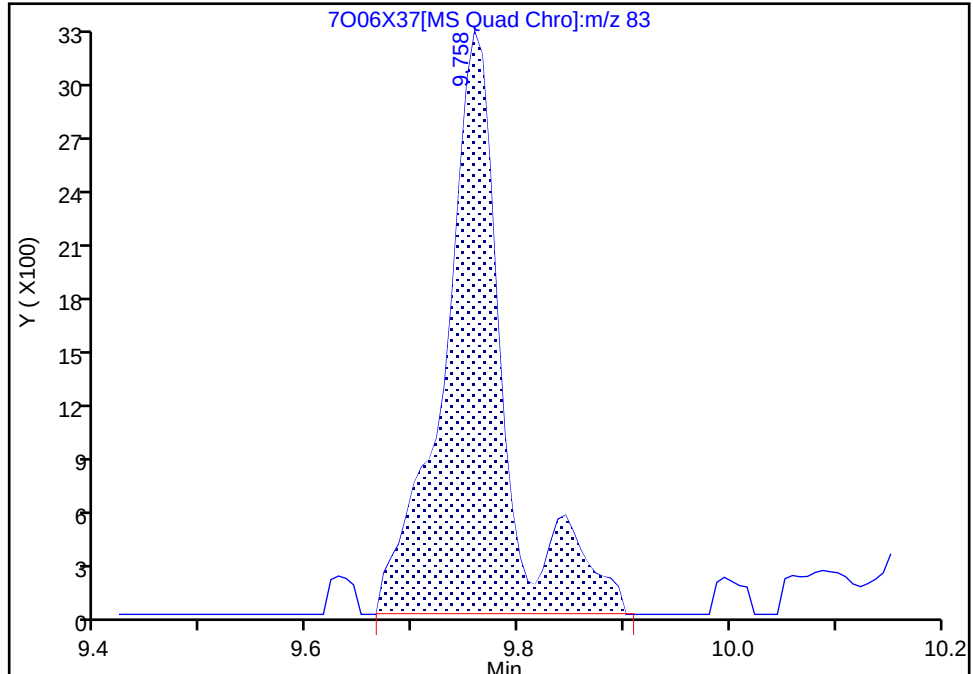
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D
Injection Date: 07-Oct-2025 11:10:32 Instrument ID: HP8R004
Lims ID: 460-336049-A-1 Lab Sample ID: 410-336049-1
Client ID: SV-03_20250930
Operator ID: sn105465 ALS Bottle#: 16 Worklist Smp#: 35
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

37 Chloroform, CAS: 67-66-3

Signal: 1

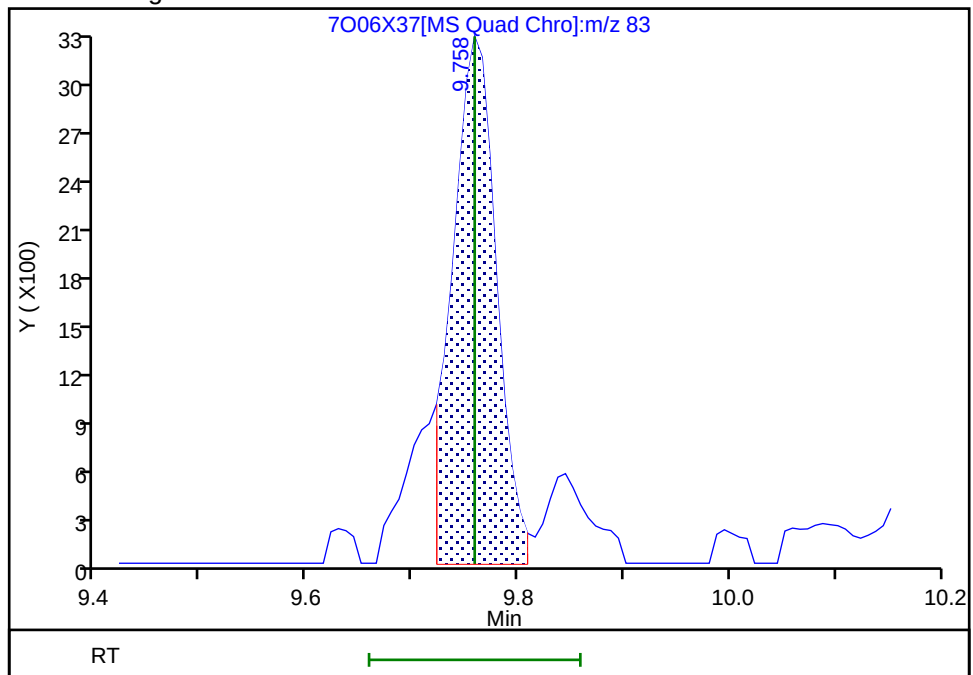
RT: 9.76
Area: 12766
Amount: 0.175725
Amount Units: ppb v/v

Processing Integration Results



RT: 9.76
Area: 9216
Amount: 0.126859
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 07-Oct-2025 13:26:07 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#:

16

Worklist Smp#: 35

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

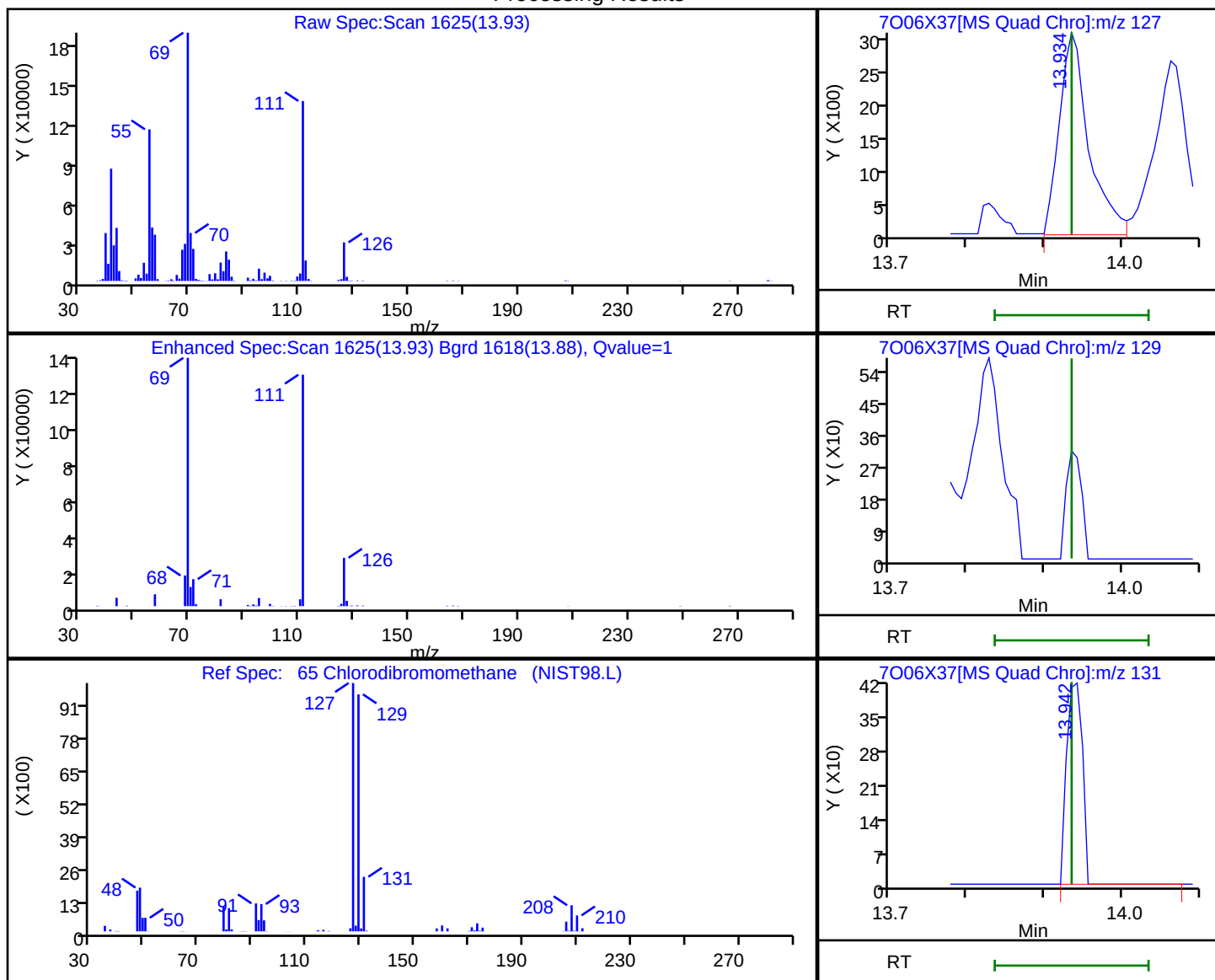
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

65 Chlorodibromomethane, CAS: 124-48-1

Processing Results



RT	Mass	Response	Amount
13.93	127.00	8052	0.136607
13.93	129.00	0	
13.94	131.00	581	

Reviewer: D7UM, 07-Oct-2025 13:26:51 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

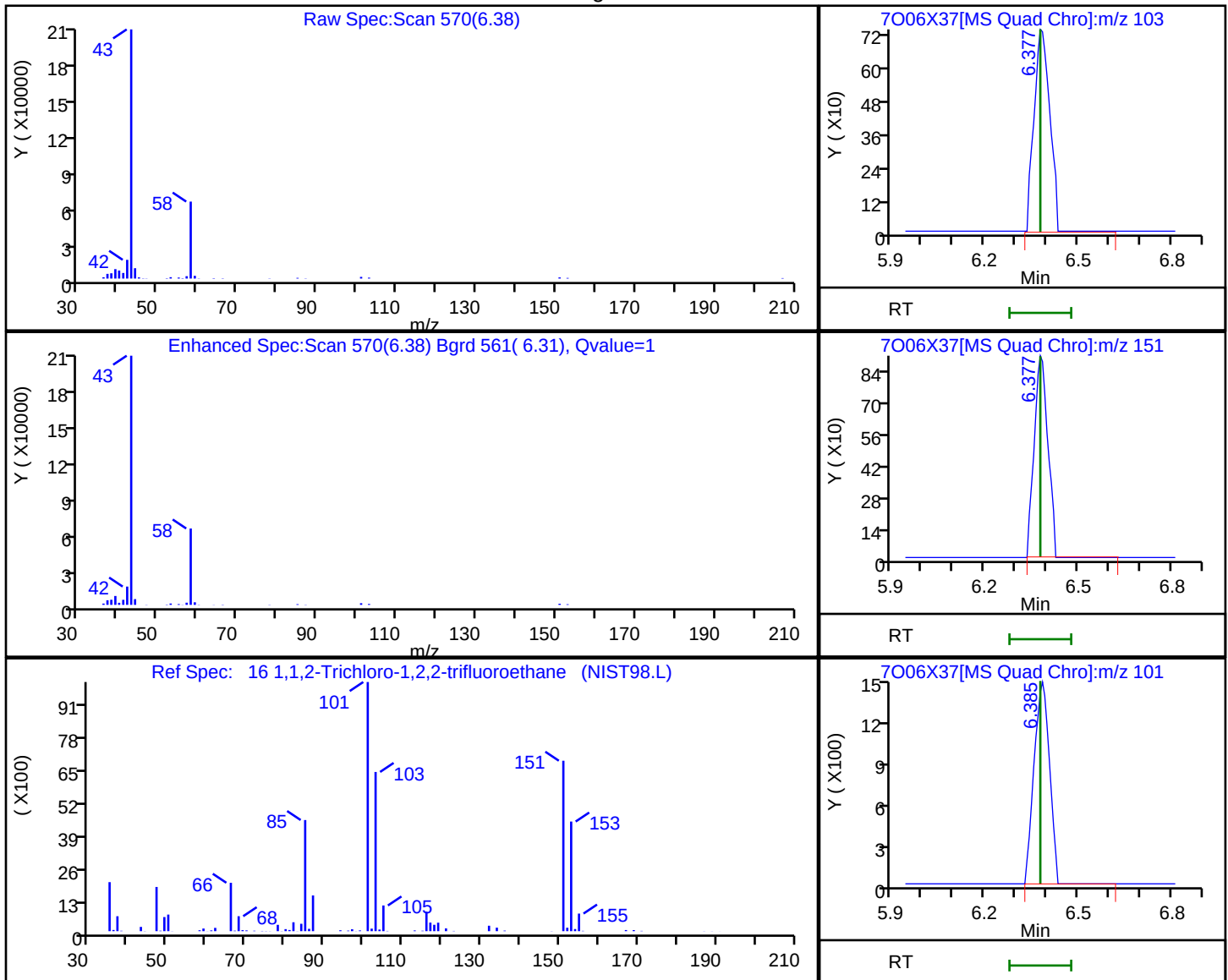
Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D
Injection Date: 07-Oct-2025 11:10:32 Instrument ID: HP8R004
Lims ID: 460-336049-A-1 Lab Sample ID: 410-336049-1
Client ID: SV-03_20250930
Operator ID: sn105465 ALS Bottle#: 16 Worklist Smp#: 35
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
6.38	103.00	2583	0.070111
6.38	151.00	2810	
6.38	101.00	4940	

Reviewer: D7UM, 07-Oct-2025 13:25:29 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

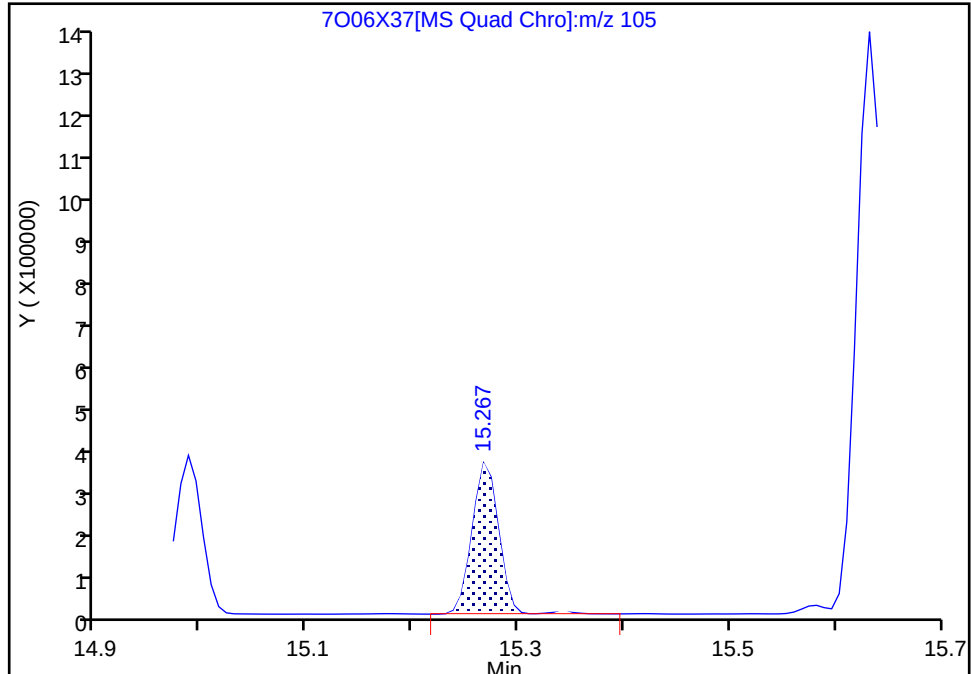
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D
Injection Date: 07-Oct-2025 11:10:32 Instrument ID: HP8R004
Lims ID: 460-336049-A-1 Lab Sample ID: 410-336049-1
Client ID: SV-03_20250930
Operator ID: sn105465 ALS Bottle#: 16 Worklist Smp#: 35
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

76 Isopropylbenzene, CAS: 98-82-8

Signal: 1

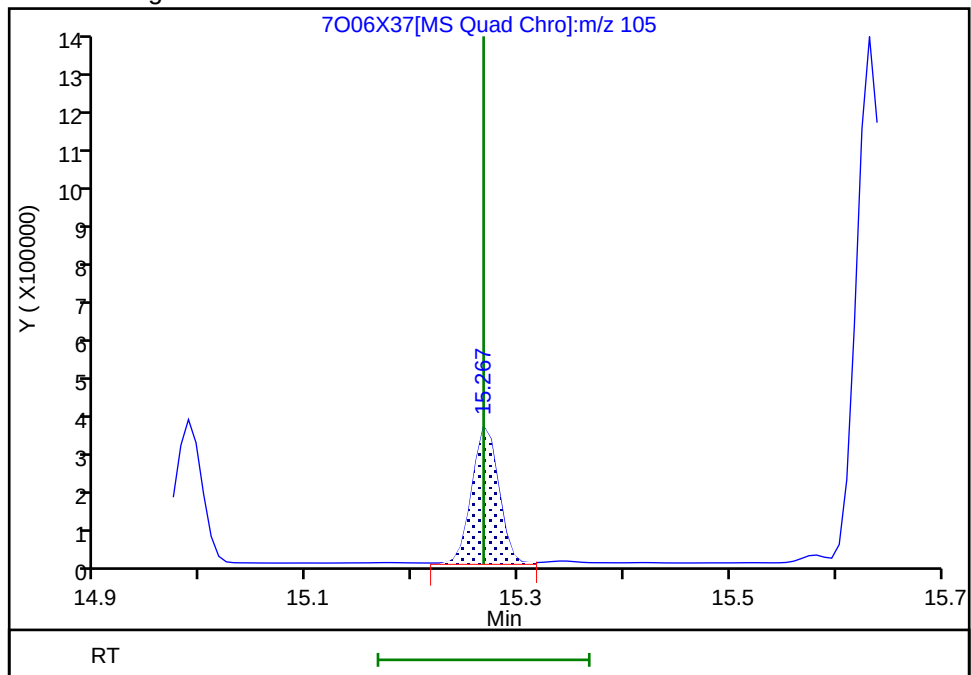
RT: 15.27
Area: 645690
Amount: 4.237775
Amount Units: ppb v/v

Processing Integration Results



RT: 15.27
Area: 631761
Amount: 4.146356
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 07-Oct-2025 13:27:02 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

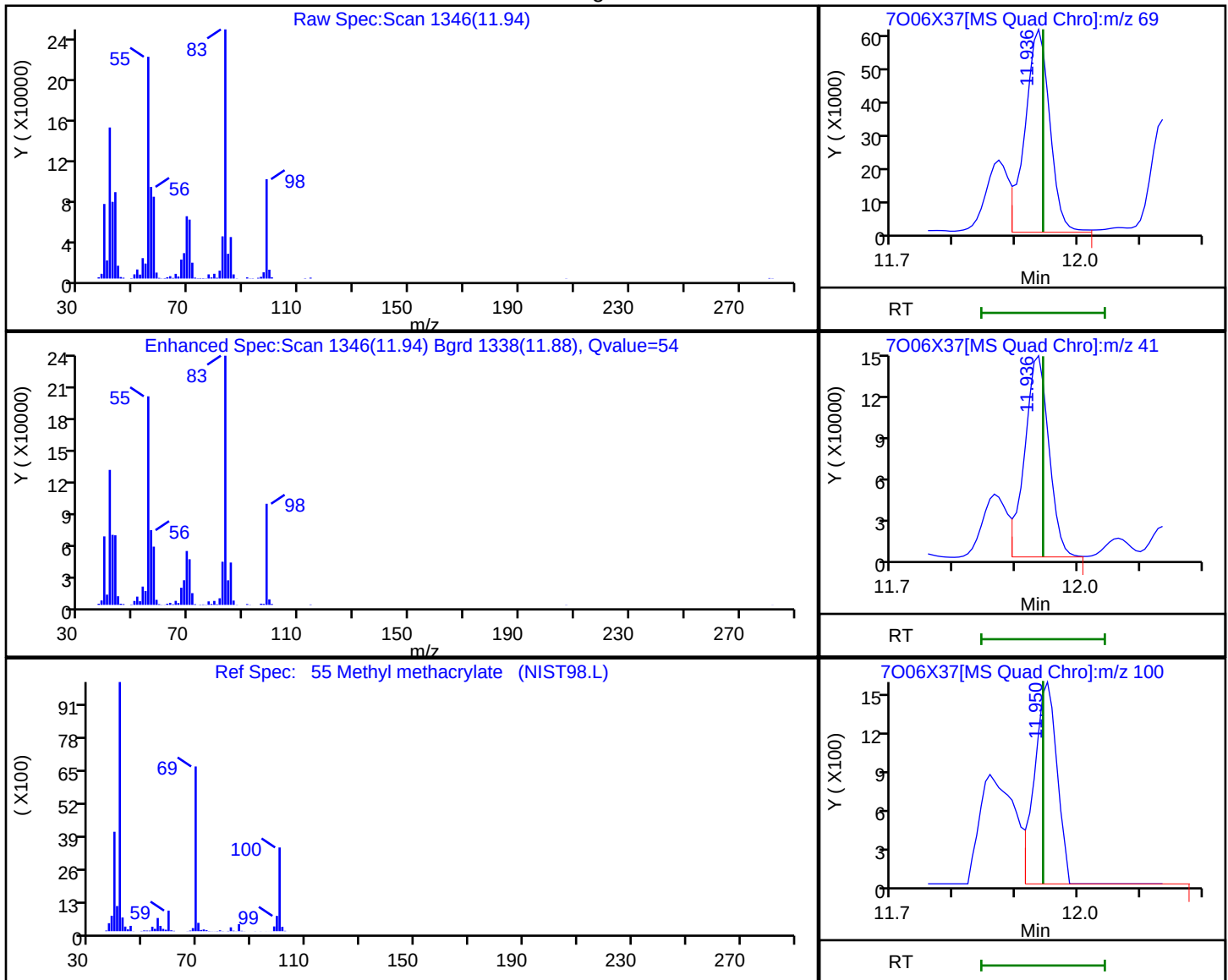
Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D
Injection Date: 07-Oct-2025 11:10:32 Instrument ID: HP8R004
Lims ID: 460-336049-A-1 Lab Sample ID: 410-336049-1
Client ID: SV-03_20250930
Operator ID: sn105465 ALS Bottle#: 16 Worklist Smp#: 35
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

55 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
11.94	69.00	167450	4.798720
11.94	41.00	400260	
11.95	100.00	3930	

Reviewer: D7UM, 07-Oct-2025 13:26:27 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#:

16

Worklist Smp#: 35

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

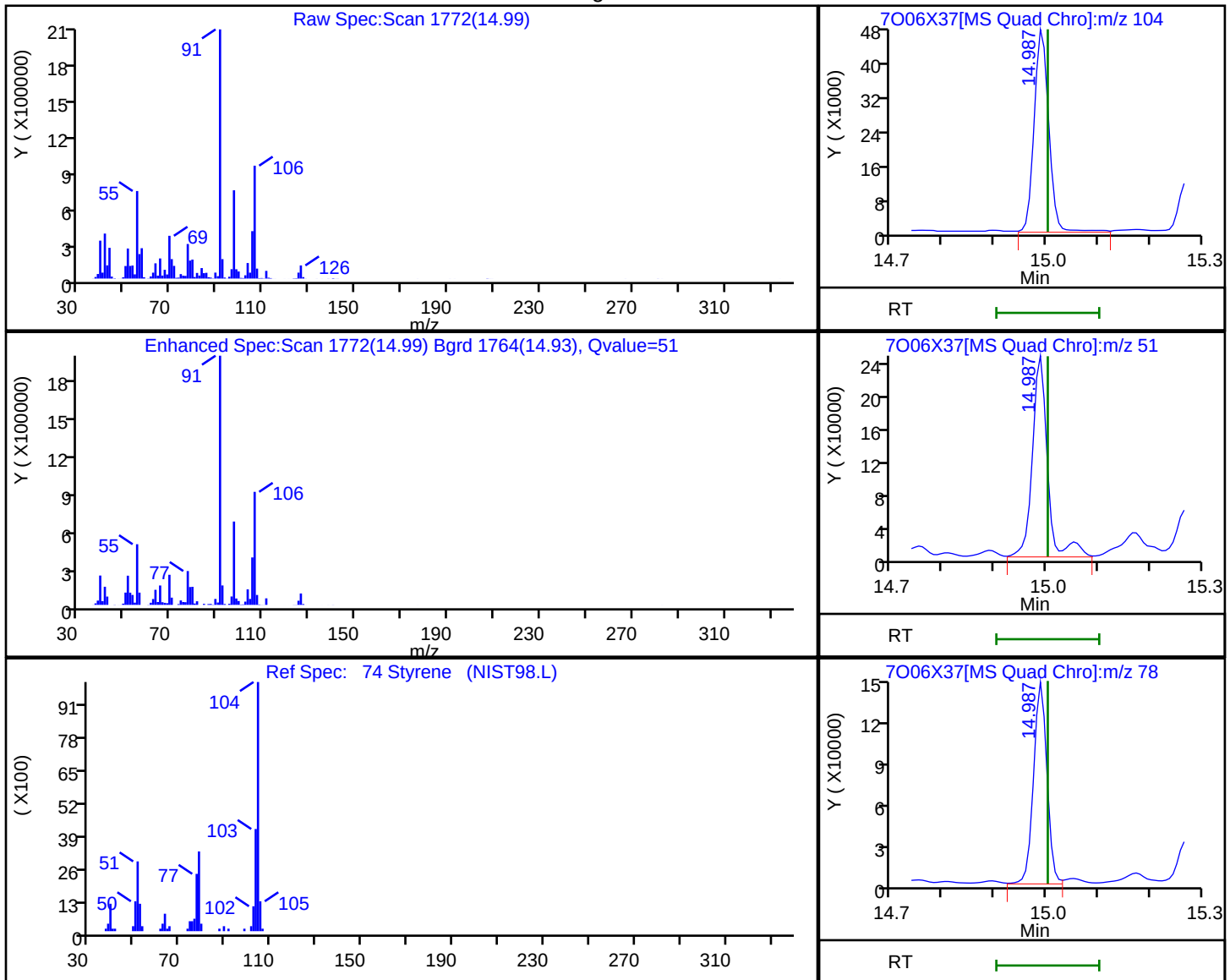
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

74 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
14.99	104.00	91659	1.036979
14.99	51.00	496736	
14.99	78.00	260622	
14.99	103.00	226436	
14.99	106.00	1575672	

Reviewer: D7UM, 07-Oct-2025 13:26:58 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#:

16

Worklist Smp#: 35

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

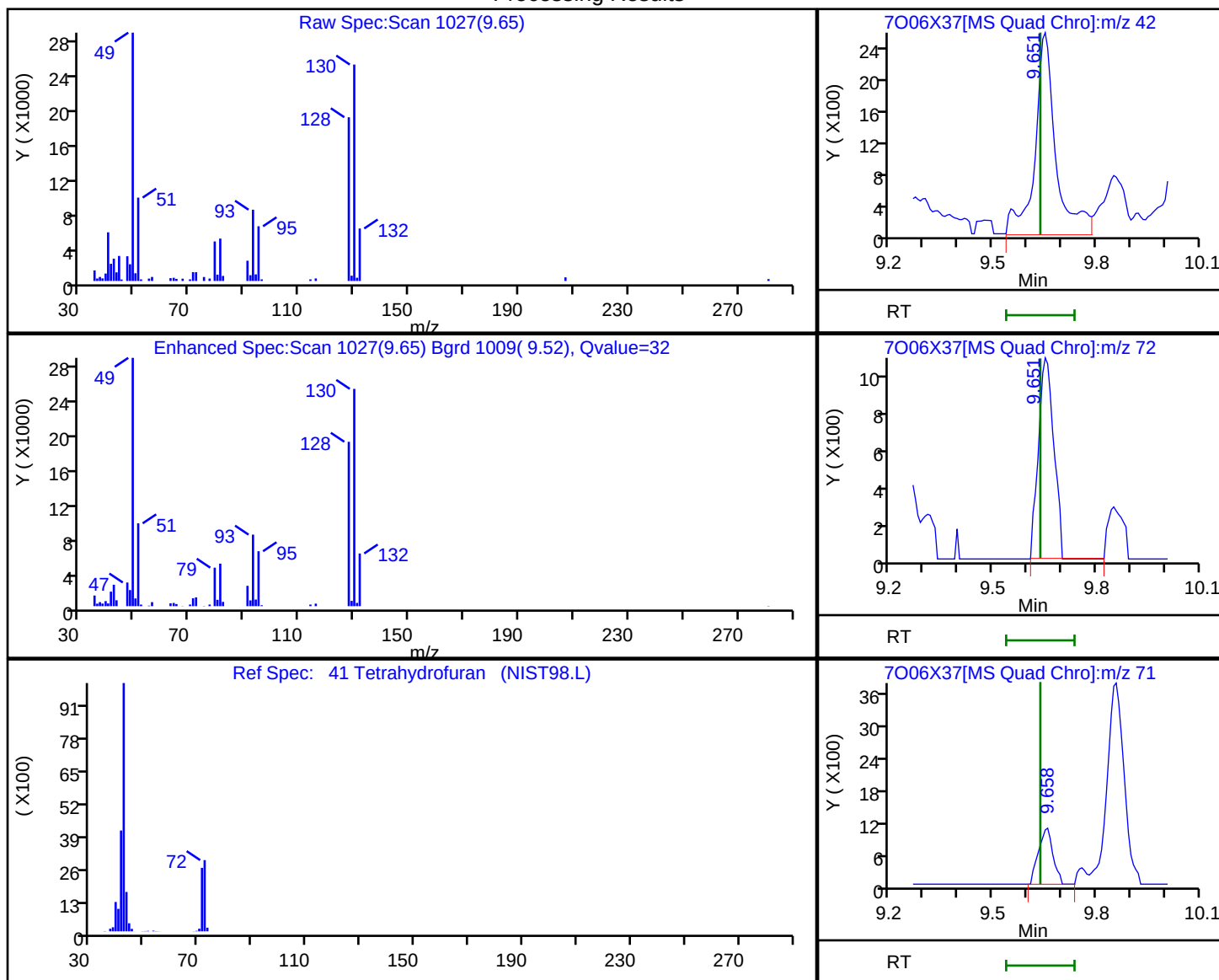
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

41 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.65	42.00	10690	0.246278
9.65	72.00	3139	
9.66	71.00	3065	

Reviewer: D7UM, 07-Oct-2025 13:25:52 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

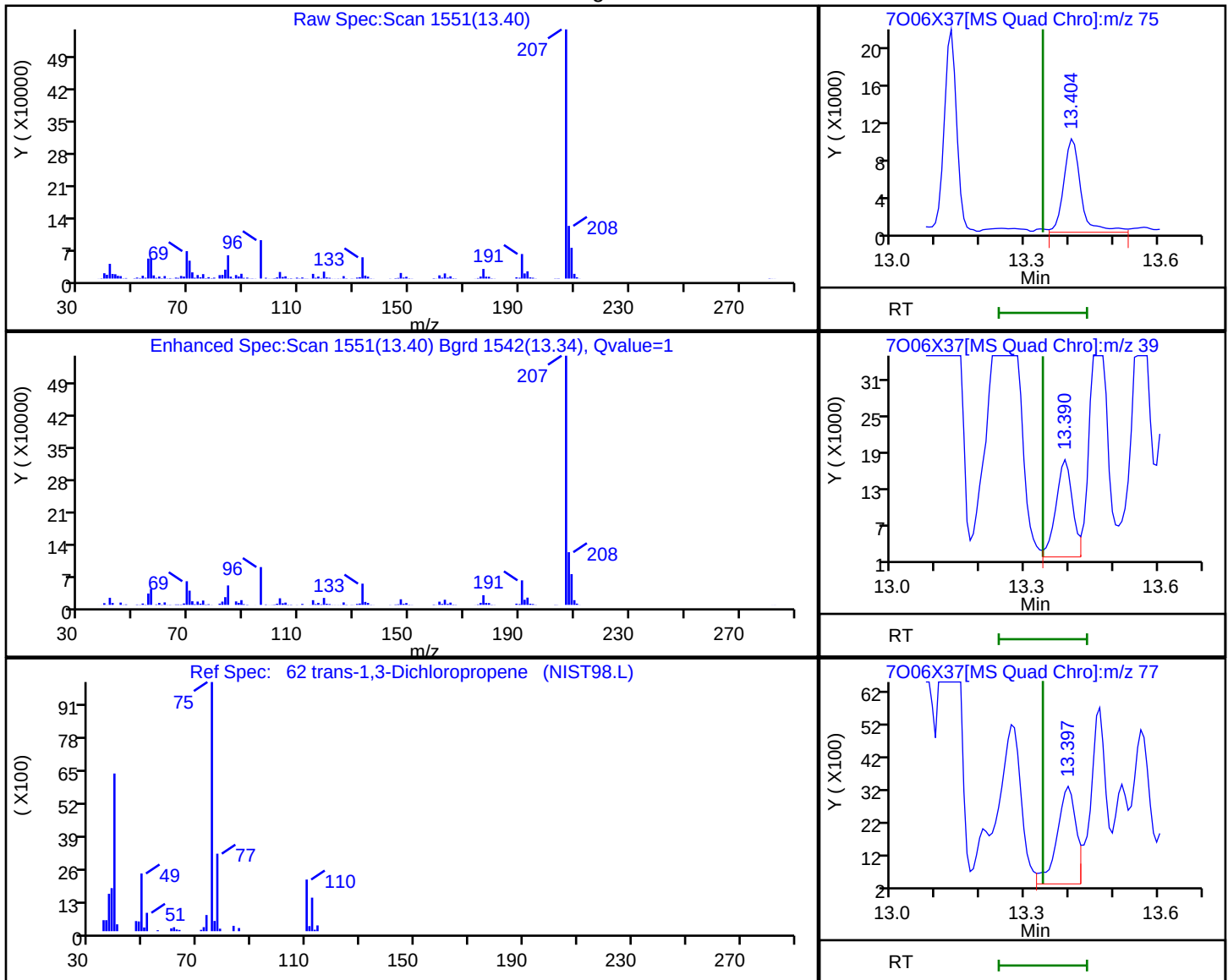
Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D
Injection Date: 07-Oct-2025 11:10:32 Instrument ID: HP8R004
Lims ID: 460-336049-A-1 Lab Sample ID: 410-336049-1
Client ID: SV-03_20250930
Operator ID: sn105465 ALS Bottle#: 16 Worklist Smp#: 35
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

62 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
13.40	75.00	25259	0.461093
13.39	39.00	42051	
13.40	77.00	8852	

Reviewer: D7UM, 07-Oct-2025 13:26:41 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

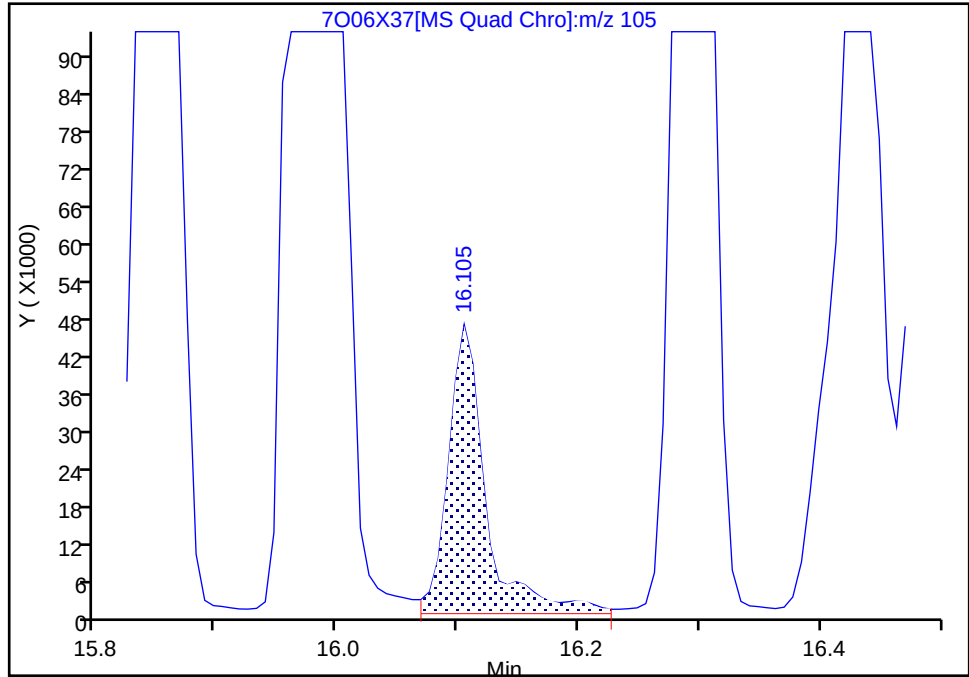
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D
Injection Date: 07-Oct-2025 11:10:32 Instrument ID: HP8R004
Lims ID: 460-336049-A-1 Lab Sample ID: 410-336049-1
Client ID: SV-03_20250930
Operator ID: sn105465 ALS Bottle#: 16 Worklist Smp#: 35
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

87 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

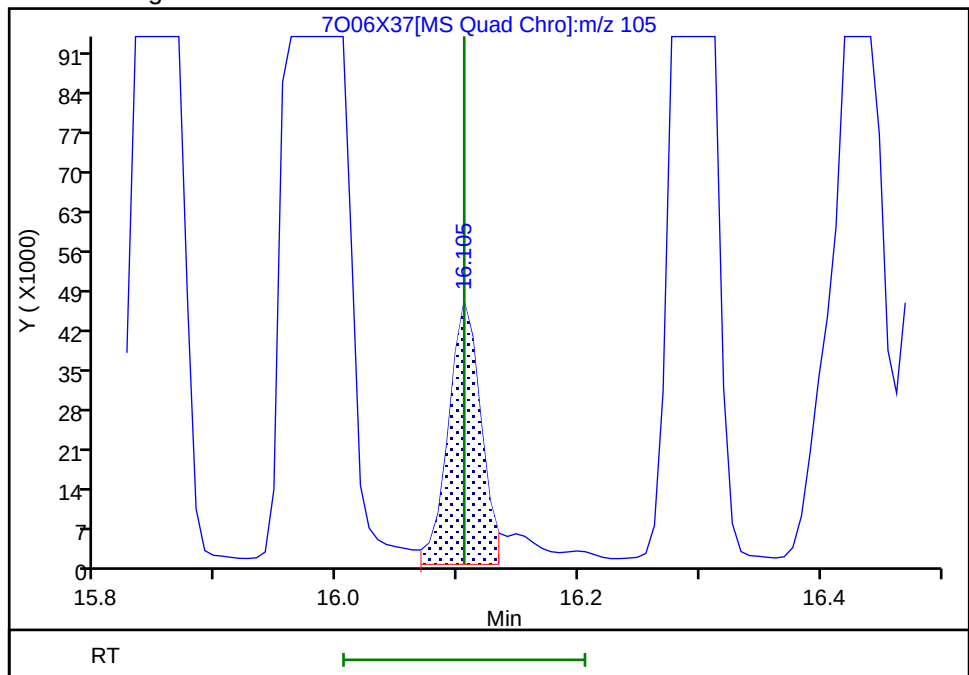
RT: 16.10
Area: 100436
Amount: 0.543735
Amount Units: ppb v/v

Processing Integration Results



RT: 16.10
Area: 84623
Amount: 0.458128
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 07-Oct-2025 13:27:36 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D

Injection Date: 07-Oct-2025 11:10:32

Instrument ID: HP8R004

Lims ID: 460-336049-A-1

Lab Sample ID: 410-336049-1

Client ID: SV-03_20250930

Operator ID: sn105465

ALS Bottle#:

16

Worklist Smp#:

35

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

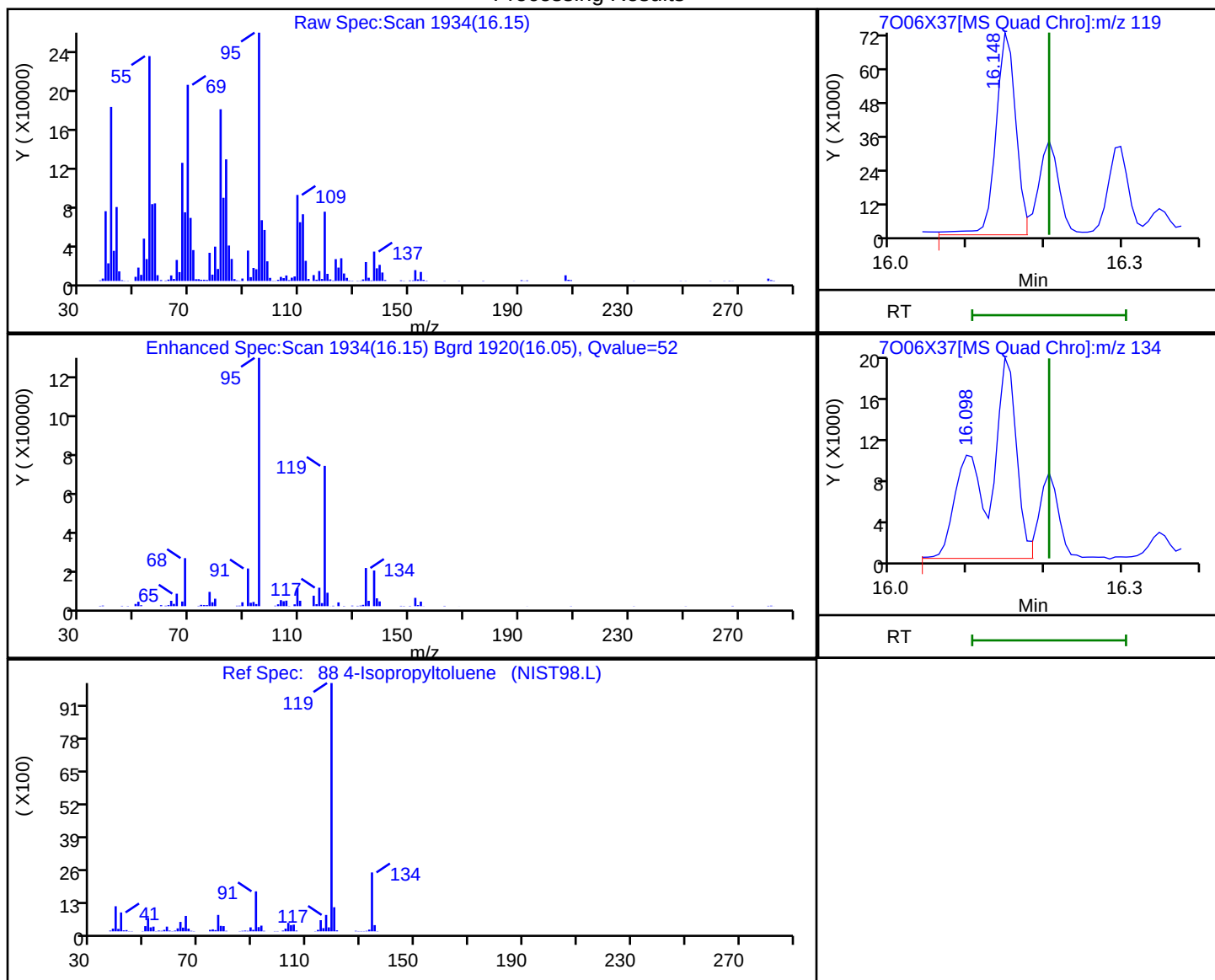
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

88 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
16.15	119.00	127329	0.868654
16.10	134.00	59045	

Reviewer: D7UM, 07-Oct-2025 13:27:48 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

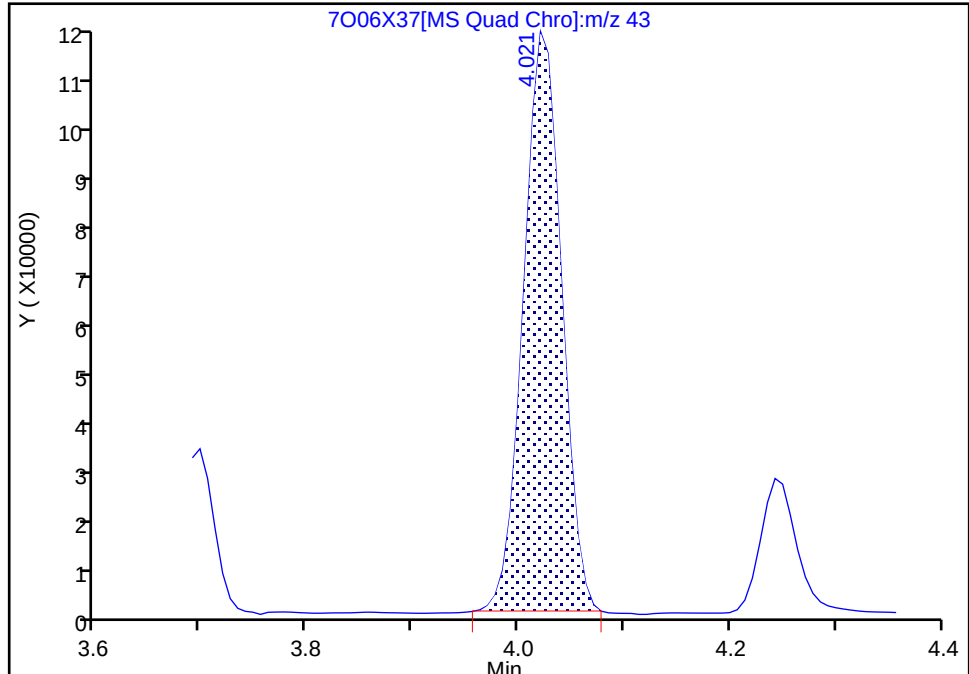
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X37.D
Injection Date: 07-Oct-2025 11:10:32 Instrument ID: HP8R004
Lims ID: 460-336049-A-1 Lab Sample ID: 410-336049-1
Client ID: SV-03_20250930
Operator ID: sn105465 ALS Bottle#: 16 Worklist Smp#: 35
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

124 Butane, CAS: 106-97-8

Signal: 1

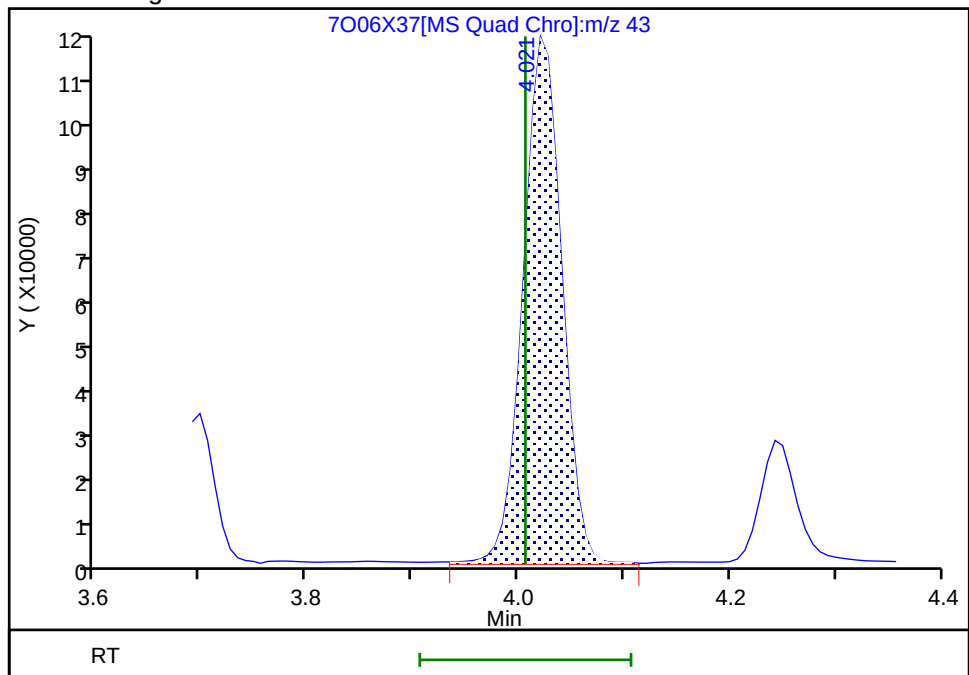
RT: 4.02
Area: 278039
Amount: 5.101047
Amount Units: ppb v/v

Processing Integration Results



RT: 4.02
Area: 283179
Amount: 5.195348
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 07-Oct-2025 11:30:37 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: SV-04_20250930 Lab Sample ID: 460-336049-2

Matrix: Air Lab File ID: 7006X38.D

Analysis Method: TO 15 LL Date Collected: 09/30/2025 15:18

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 11:46

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	133.41	5.2		1.1	0.24
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.38
95-63-6	1,2,4-Trimethylbenzene	120.20	57		0.98	0.39
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
108-67-8	1,3,5-Trimethylbenzene	120.20	23		0.98	0.23
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
541-73-1	1,3-Dichlorobenzene	147.00	0.83	J	1.2	0.45
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
123-91-1	1,4-Dioxane	88.11	18	U	18	0.17
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	11		1.5	1.5
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	1.3	J	2.1	0.53
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	7.0		2.1	0.62
71-43-2	Benzene	78.11	25		0.64	0.14
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.88	U	0.88	0.22
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-15-0	Carbon disulfide	76.14	3.4		1.6	0.41
56-23-5	Carbon tetrachloride	153.81	0.46		0.22	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: SV-04_20250930 Lab Sample ID: 460-336049-2

Matrix: Air Lab File ID: 7006X38.D

Analysis Method: TO 15 LL Date Collected: 09/30/2025 15:18

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 11:46

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
75-45-6	Chlorodifluoromethane	86.47	1.2	J	1.8	0.42
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.48
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
67-66-3	Chloroform	119.38	2.2		0.98	0.20
74-87-3	Chloromethane	50.49	0.32	J	1.0	0.31
156-59-2	cis-1,2-Dichloroethene	96.94	4.4		0.20	0.083
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
110-82-7	Cyclohexane	84.16	25		0.69	0.11
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.13
75-71-8	Dichlorodifluoromethane	120.91	2.0	J	2.5	0.54
100-41-4	Ethylbenzene	106.17	100		0.87	0.23
76-13-1	1,1,2-Trichlorotrifluoro ethane	187.38	0.52	J	1.5	0.41
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
142-82-5	n-Heptane	100.21	49		0.82	0.23
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
110-54-3	n-Hexane	86.17	30		1.8	0.39
540-84-1	2,2,4-Trimethylpentane	114.23	54		0.93	0.18
98-82-8	Cumene	120.19	24		0.98	0.20
67-63-0	Isopropyl alcohol	60.10	12	U	12	3.9
179601-23-1	m,p-Xylene	106.17	380		2.2	0.41
80-62-6	Methyl methacrylate	100.12	2.1	U	2.1	0.57
1634-04-4	Methyl tert-butyl ether	88.15	0.30	J	0.72	0.13
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
91-20-3	Naphthalene	128.17	2.0	U	2.0	1.6
95-47-6	o-Xylene	106.17	150		0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
156-60-5	trans-1,2-Dichloroethene	96.94	3.2		0.79	0.091

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: SV-04_20250930 Lab Sample ID: 460-336049-2

Matrix: Air Lab File ID: 7006X38.D

Analysis Method: TO 15 LL Date Collected: 09/30/2025 15:18

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 11:46

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-01-6	Trichloroethene	131.39	78		0.20	0.13
75-69-4	Trichlorofluoromethane	137.37	26		1.1	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
103-65-1	N-Propylbenzene	120.19	19		0.98	0.23
104-51-8	n-Butylbenzene	134.22	0.83	J	1.1	0.60
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	1.0	J	1.1	0.34
106-97-8	n-Butane	58.12	4.6		1.2	0.48

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: SV-04_20250930 Lab Sample ID: 460-336049-2

Matrix: Air Lab File ID: 7006X38.D

Analysis Method: TO 15 LL Date Collected: 09/30/2025 15:18

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 11:46

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	133.41	0.95		0.20	0.044
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
75-35-4	1,1-Dichloroethene	96.94	0.050	U	0.050	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.051
95-63-6	1,2,4-Trimethylbenzene	120.20	12		0.20	0.080
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
108-67-8	1,3,5-Trimethylbenzene	120.20	4.7		0.20	0.047
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
541-73-1	1,3-Dichlorobenzene	147.00	0.14	J	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.047
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	3.9		0.50	0.49
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.33	J	0.50	0.13
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	1.7		0.50	0.15
71-43-2	Benzene	78.11	7.9		0.20	0.044
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-15-0	Carbon disulfide	76.14	1.1		0.50	0.13
56-23-5	Carbon tetrachloride	153.81	0.073		0.035	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: SV-04_20250930 Lab Sample ID: 460-336049-2

Matrix: Air Lab File ID: 7006X38.D

Analysis Method: TO 15 LL Date Collected: 09/30/2025 15:18

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 11:46

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
75-45-6	Chlorodifluoromethane	86.47	0.33	J	0.50	0.12
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
67-66-3	Chloroform	119.38	0.45		0.20	0.041
74-87-3	Chloromethane	50.49	0.15	J	0.50	0.15
156-59-2	cis-1,2-Dichloroethene	96.94	1.1		0.050	0.021
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
110-82-7	Cyclohexane	84.16	7.3		0.20	0.032
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.015
75-71-8	Dichlorodifluoromethane	120.91	0.40	J	0.50	0.11
100-41-4	Ethylbenzene	106.17	23		0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoro ethane	187.38	0.067	J	0.20	0.053
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
142-82-5	n-Heptane	100.21	12		0.20	0.055
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
110-54-3	n-Hexane	86.17	8.6		0.50	0.11
540-84-1	2,2,4-Trimethylpentane	114.23	12		0.20	0.038
98-82-8	Cumene	120.19	4.9		0.20	0.041
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	1.6
179601-23-1	m,p-Xylene	106.17	89		0.50	0.095
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
1634-04-4	Methyl tert-butyl ether	88.15	0.083	J	0.20	0.036
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
91-20-3	Naphthalene	128.17	0.38	U	0.38	0.30
95-47-6	o-Xylene	106.17	34		0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
156-60-5	trans-1,2-Dichloroethene	96.94	0.80		0.20	0.023

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: SV-04_20250930 Lab Sample ID: 460-336049-2

Matrix: Air Lab File ID: 7006X38.D

Analysis Method: TO 15 LL Date Collected: 09/30/2025 15:18

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 11:46

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-01-6	Trichloroethene	131.39	14		0.037	0.025
75-69-4	Trichlorofluoromethane	137.37	4.6		0.20	0.050
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
103-65-1	N-Propylbenzene	120.19	3.9		0.20	0.047
104-51-8	n-Butylbenzene	134.22	0.15	J	0.20	0.11
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.18	J	0.20	0.061
106-97-8	n-Butane	58.12	1.9		0.50	0.20

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D
 Lims ID: 460-336049-A-2
 Client ID: SV-04_20250930
 Sample Type: Client
 Inject. Date: 07-Oct-2025 11:46:03 ALS Bottle#: 17 Worklist Smp#: 36
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 460-336049-A-2
 Misc. Info.: 410-0162112-036
 Operator ID: sn105465 Instrument ID: HP8R004
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 07-Oct-2025 16:15:11 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1660

First Level Reviewer: JXC9

Date: 07-Oct-2025 18:25:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.376	3.376	0.000	83	34971	0.3985	
3 Chlorodifluoromethane	51	3.412	3.412	0.000	60	16566	0.3334	
5 Chloromethane	50	3.770	3.770	0.000	69	4855	0.1545	
124 Butane	43	4.006	4.006	0.000	49	114941	1.95	M
12 Trichlorofluoromethane	101	5.410	5.410	0.000	85	365860	4.58	
16 1,1,2-Trichloro-1,2,2-trifluoroethane	103	6.370	6.377	-0.007	2	2691	0.0675	
23 Acetone	43	6.370	6.377	-0.007	100	4039721	70.8	E
20 Isopropyl alcohol	45	6.592	6.592	0.000	74	53802	1.27	
17 Carbon disulfide	76	6.757	6.757	0.000	99	124704	1.09	
27 2-Methyl-2-propanol	59	7.294	7.294	0.000	30	36163	1.03	
26 Methyl tert-butyl ether	73	7.638	7.631	0.007	36	6840	0.0826	
24 trans-1,2-Dichloroethene	61	7.660	7.667	-0.007	58	45774	0.7959	
25 Hexane	56	8.111	8.118	-0.007	94	255394	8.61	
43 2-Butanone (MEK)	72	9.178	9.178	0.000	88	62911	3.88	
34 cis-1,2-Dichloroethene	61	9.243	9.243	0.000	69	72387	1.11	
* 35 Chlorobromomethane (IS)	130	9.615	9.615	0.000	94	384171	10.0	
37 Chloroform	83	9.758	9.758	0.000	21	35327	0.4493	
42 1,1,1-Trichloroethane	97	10.052	10.052	0.000	49	65886	0.9500	
36 Cyclohexane	56	10.195	10.188	0.007	92	399568	7.29	
40 Carbon tetrachloride	117	10.310	10.310	0.000	25	4712	0.0734	
46 Benzene	78	10.596	10.597	0.000	96	937249	7.89	
44 Isooctane	57	10.783	10.783	0.000	96	2112244	11.6	
45 n-Heptane	71	11.026	11.026	0.000	95	428820	11.9	
* 50 1,4-Difluorobenzene	114	11.220	11.220	0.000	95	1468623	10.0	
49 Trichloroethene	130	11.585	11.585	0.000	93	684142	14.5	
60 4-Methyl-2-pentanone (MIBK)	43	12.874	12.867	0.007	1	29775	0.3256	M
59 Toluene	91	13.132	13.132	0.000	96	9611191	69.8	E
61 Tetrachloroethene	166	13.669	13.669	0.000	94	4931218	83.1	E
67 2-Hexanone	43	13.720	13.720	0.000	62	142515	1.70	
* 68 Chlorobenzene-d5 (IS)	117	14.472	14.465	0.007	76	1336849	10.0	
70 Ethylbenzene	91	14.565	14.558	0.007	99	3818281	23.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
72 m-Xylene & p-Xylene	91	14.665	14.665	0.000	97	10931073	88.6	
73 o-Xylene	91	14.987	14.988	-0.001	98	4201630	34.3	
76 Isopropylbenzene	105	15.274	15.267	0.007	96	744912	4.85	
77 N-Propylbenzene	120	15.582	15.582	0.000	99	162033	3.89	
82 1,3,5-Trimethylbenzene	105	15.704	15.697	0.007	95	576449	4.70	M
86 1,2,4-Trimethylbenzene	105	15.983	15.983	0.000	98	1511371	11.6	
88 4-Isopropyltoluene	119	16.205	16.205	0.000	93	26815	0.1816	M
89 1,3-Dichlorobenzene	146	16.234	16.227	0.007	47	11904	0.1384	
91 n-Butylbenzene	92	16.513	16.506	0.007	1	12002	0.1505	M

\$ 110 BFB

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

Reagents:

AIRIS200 ppb_00532

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 07-Oct-2025 18:25:10

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17 Worklist Smp#: 36

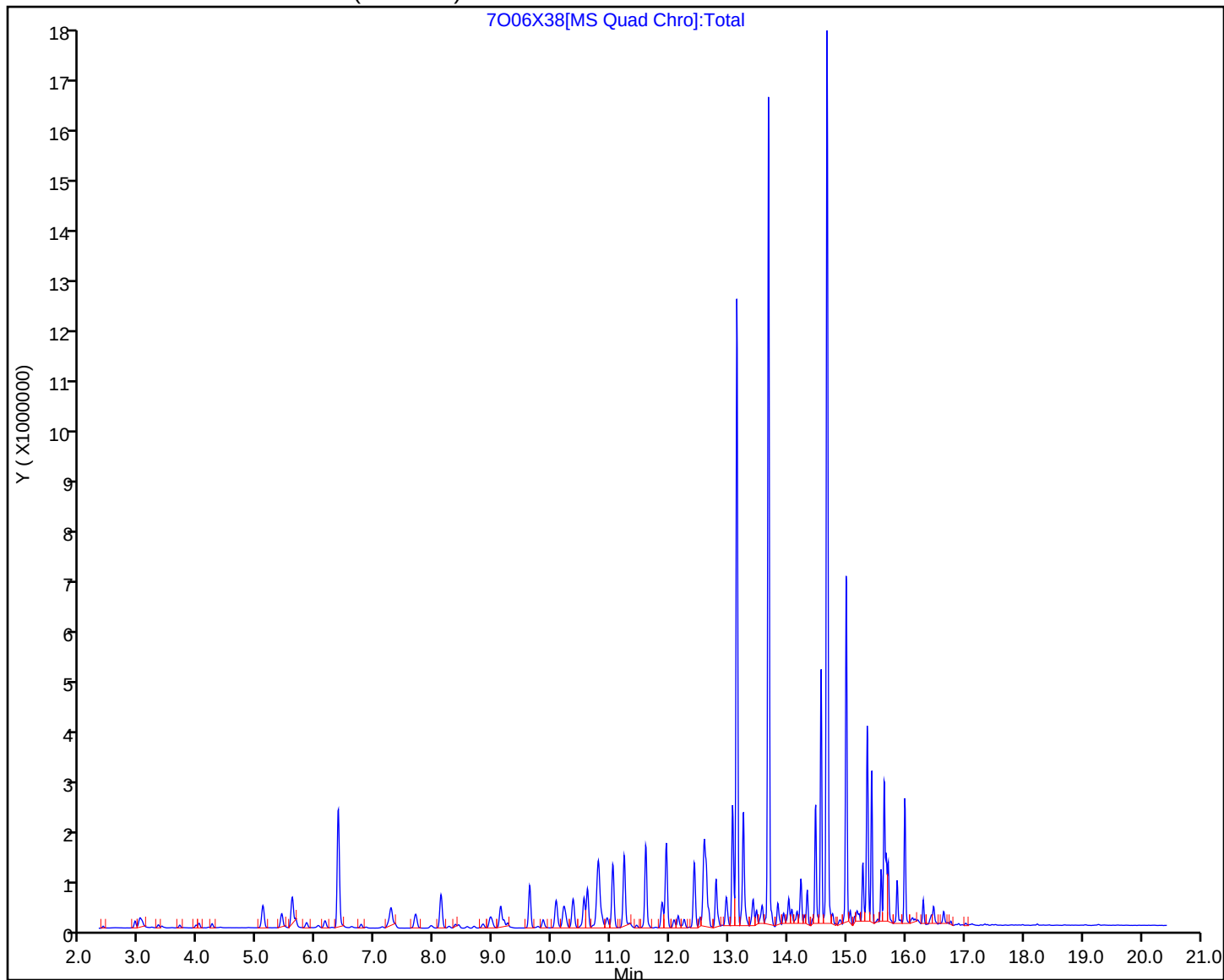
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

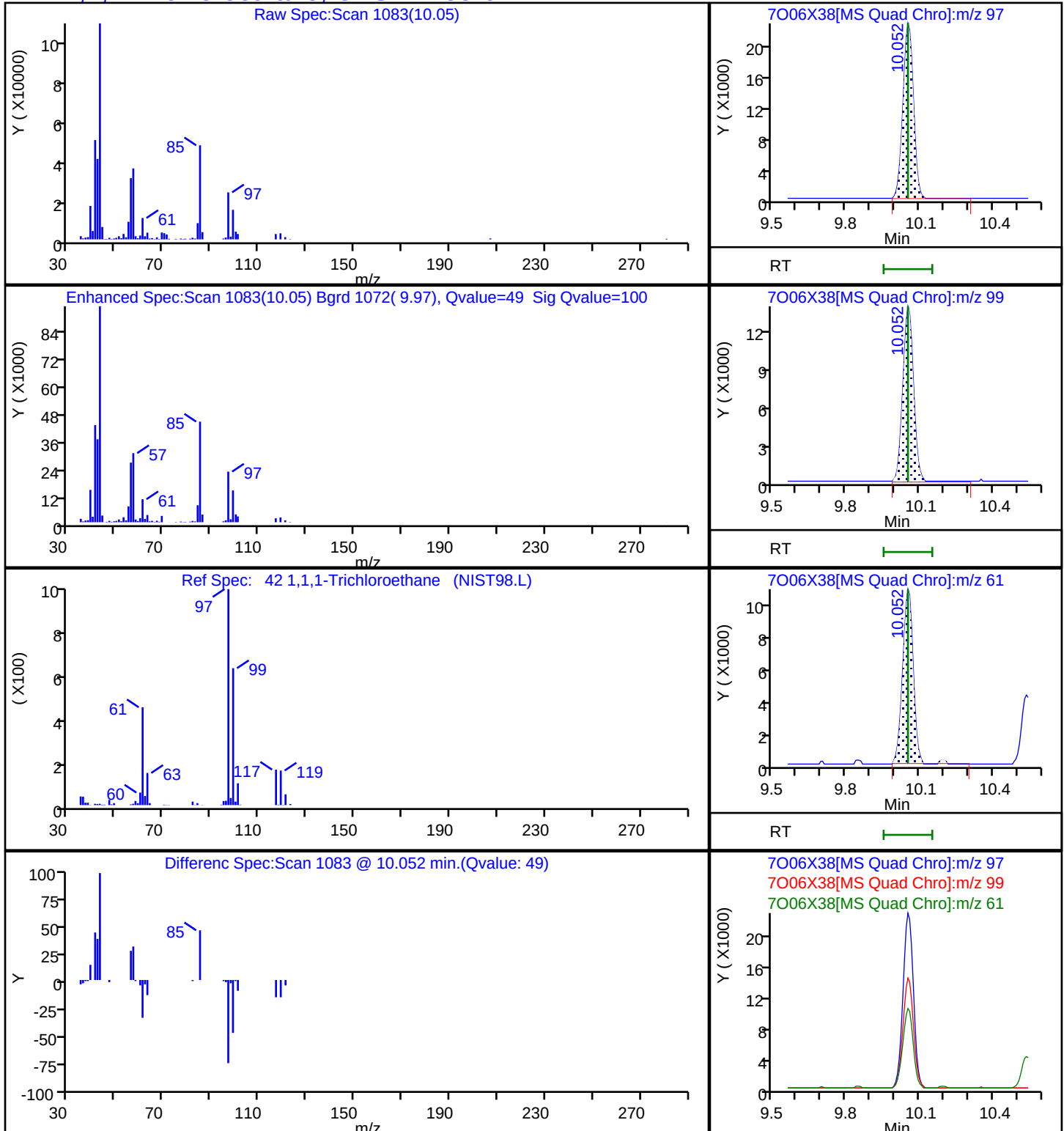
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

42 1,1,1-Trichloroethane, CAS: 71-55-6

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

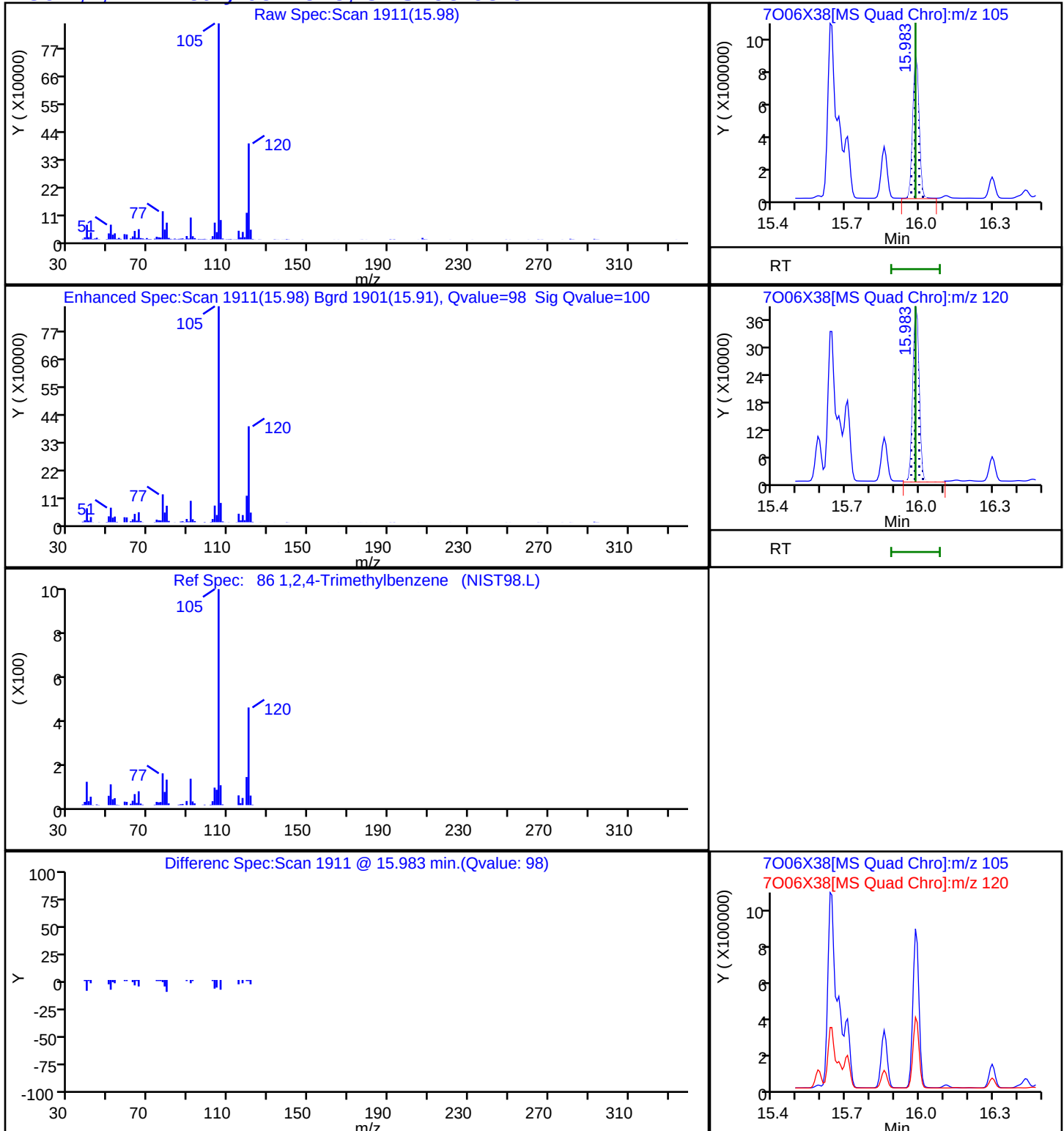
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

86 1,2,4-Trimethylbenzene, CAS: 95-63-6

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

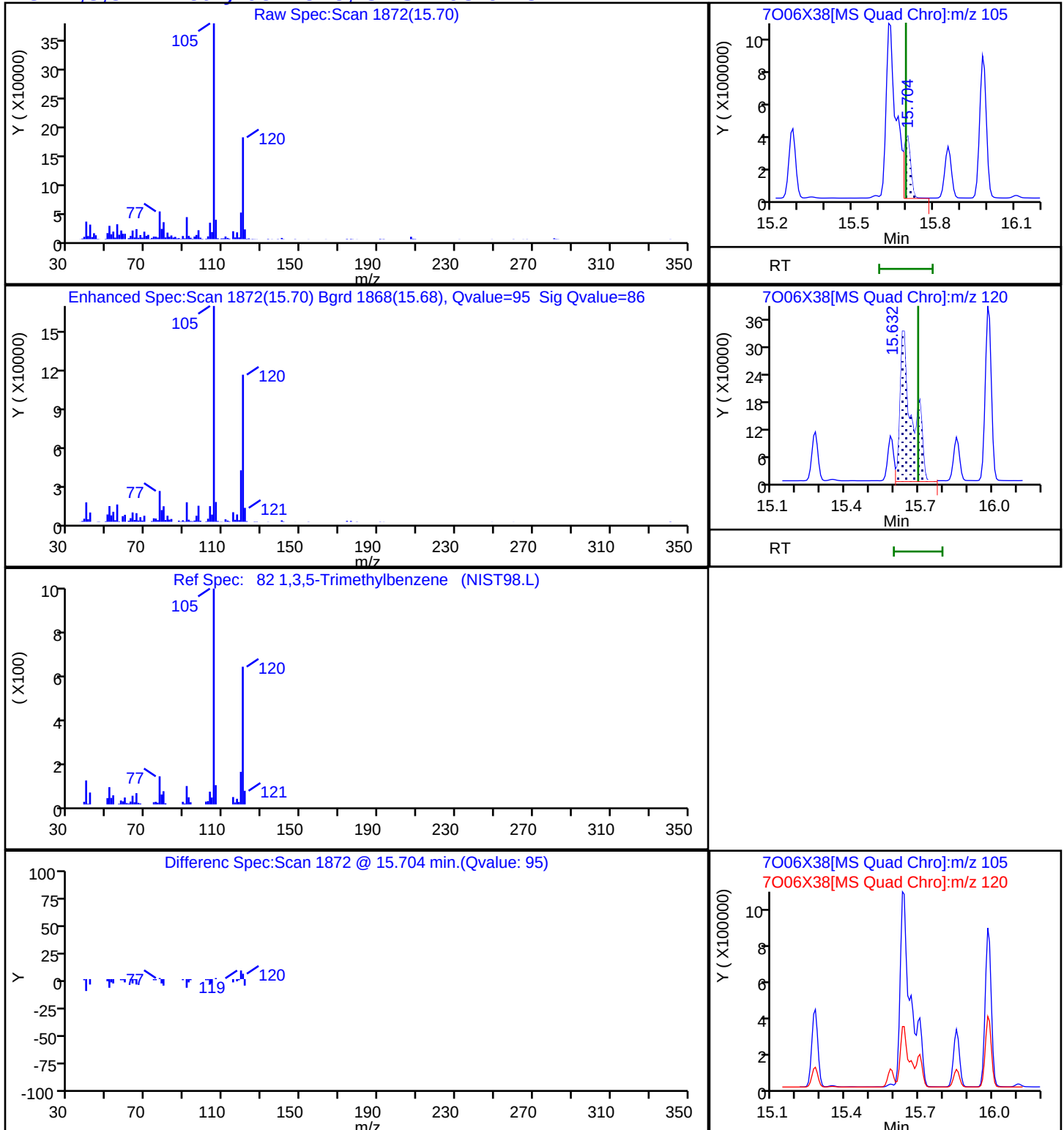
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7006X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

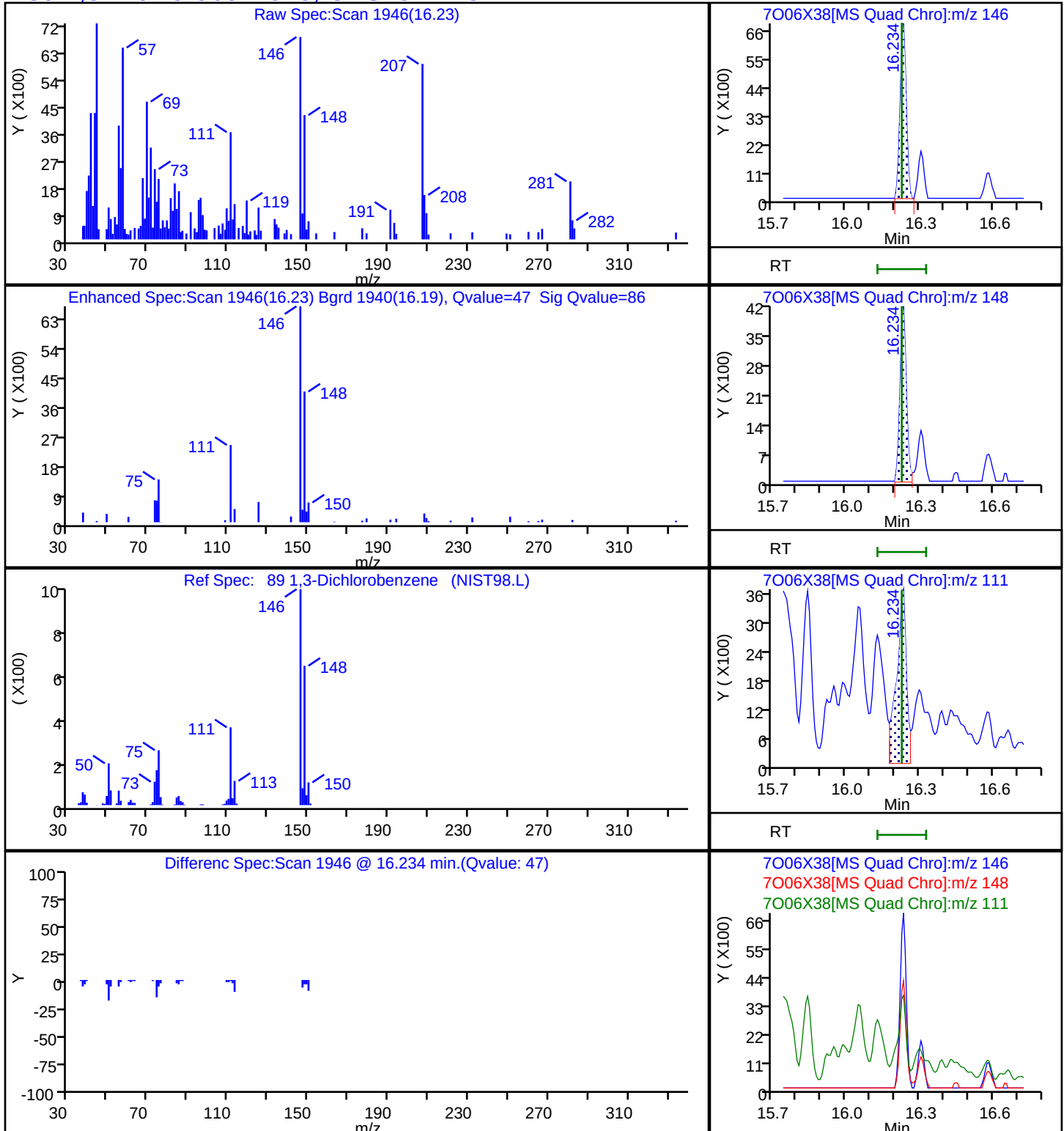
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

89 1,3-Dichlorobenzene, CAS: 541-73-1

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

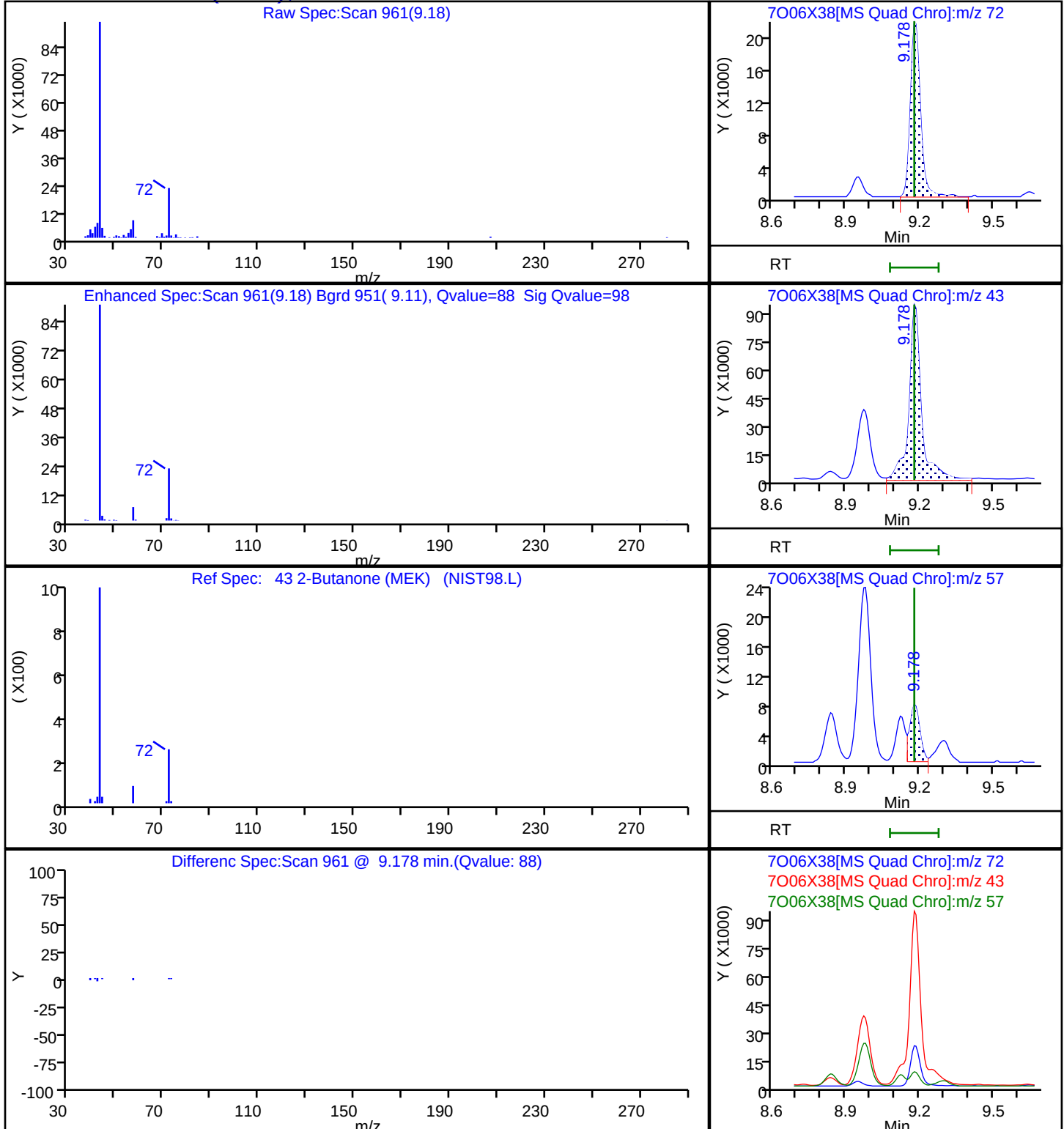
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

43 2-Butanone (MEK), CAS: 78-93-3

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

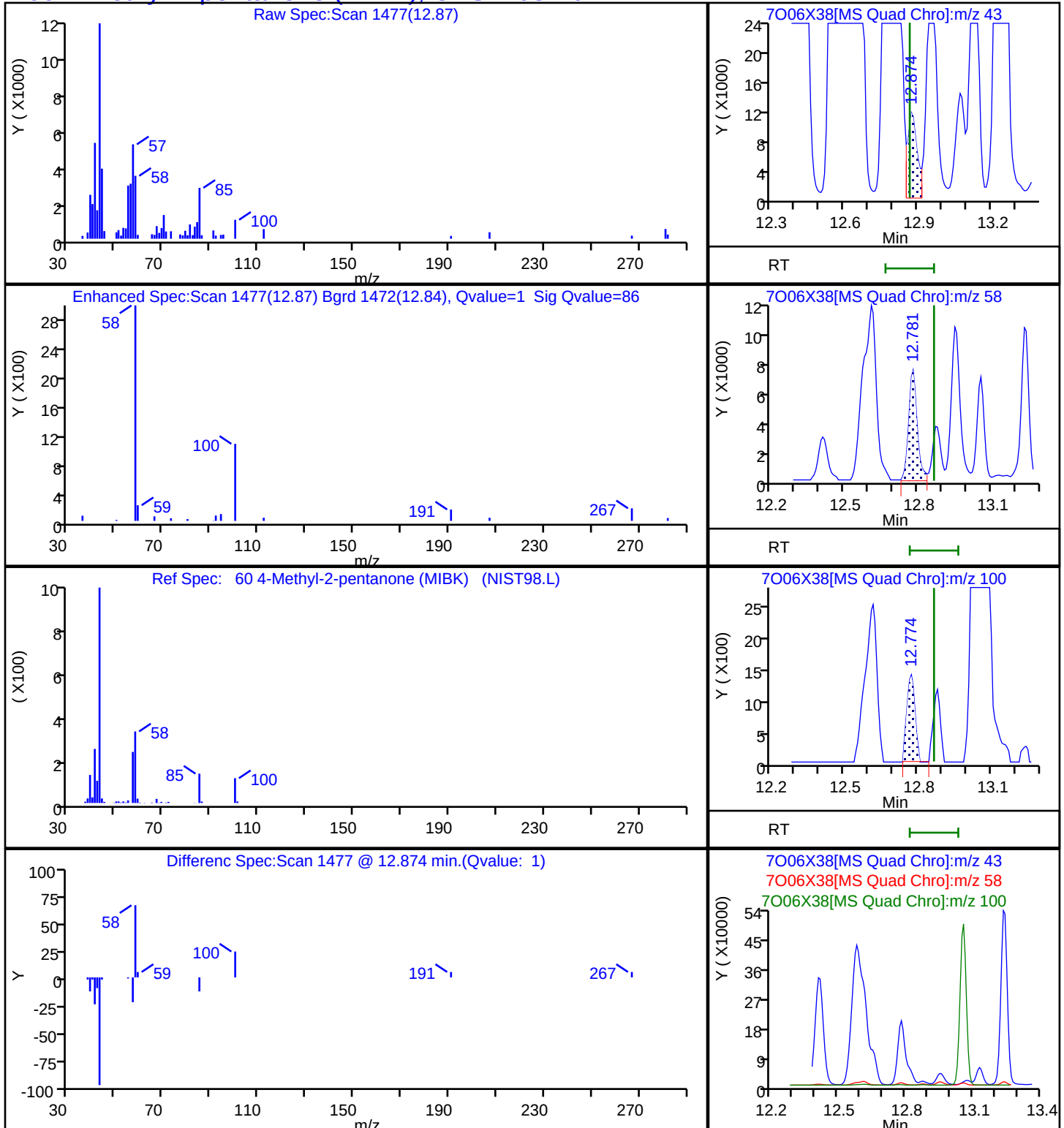
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

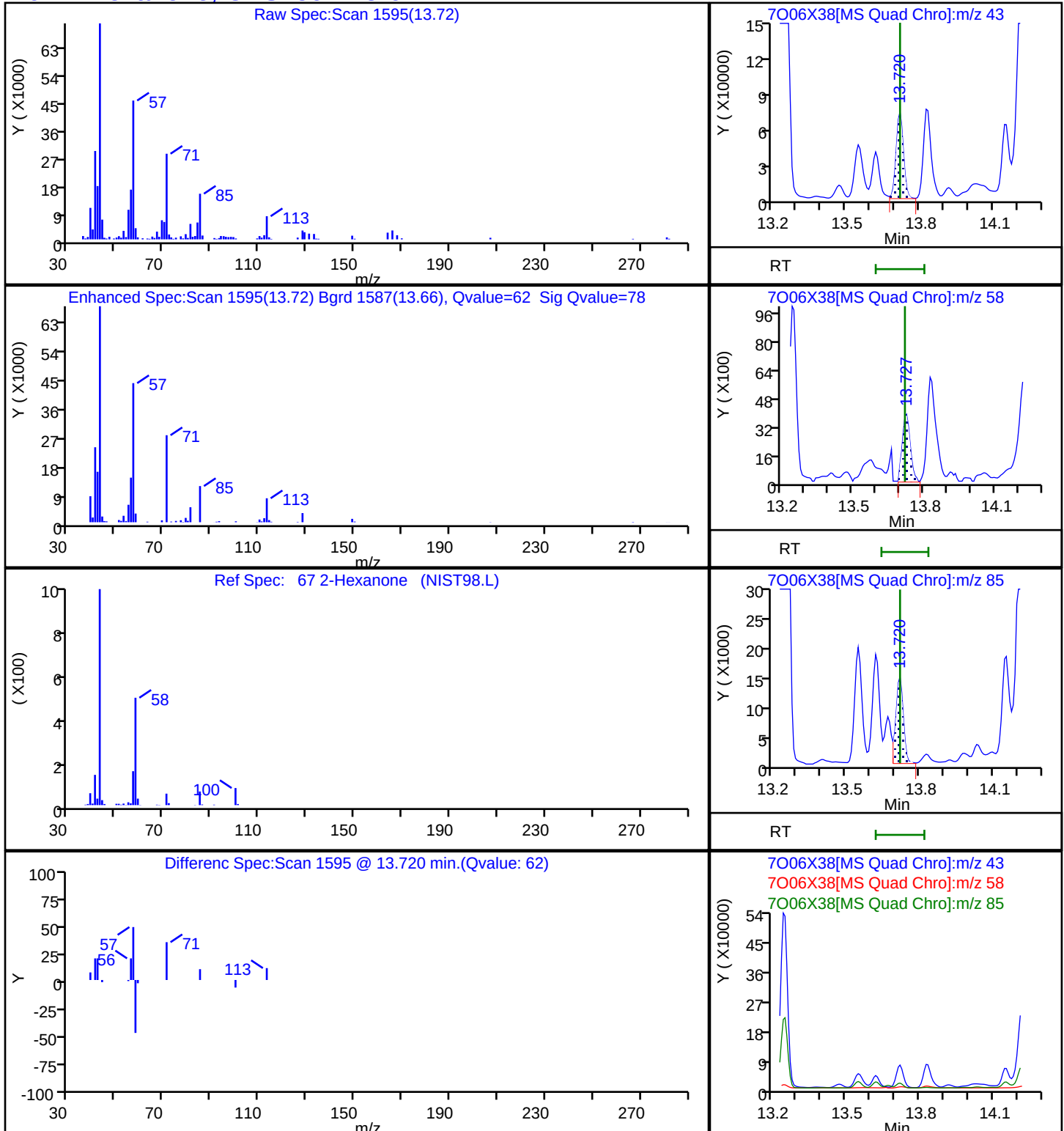
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

67 2-Hexanone, CAS: 591-78-6

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

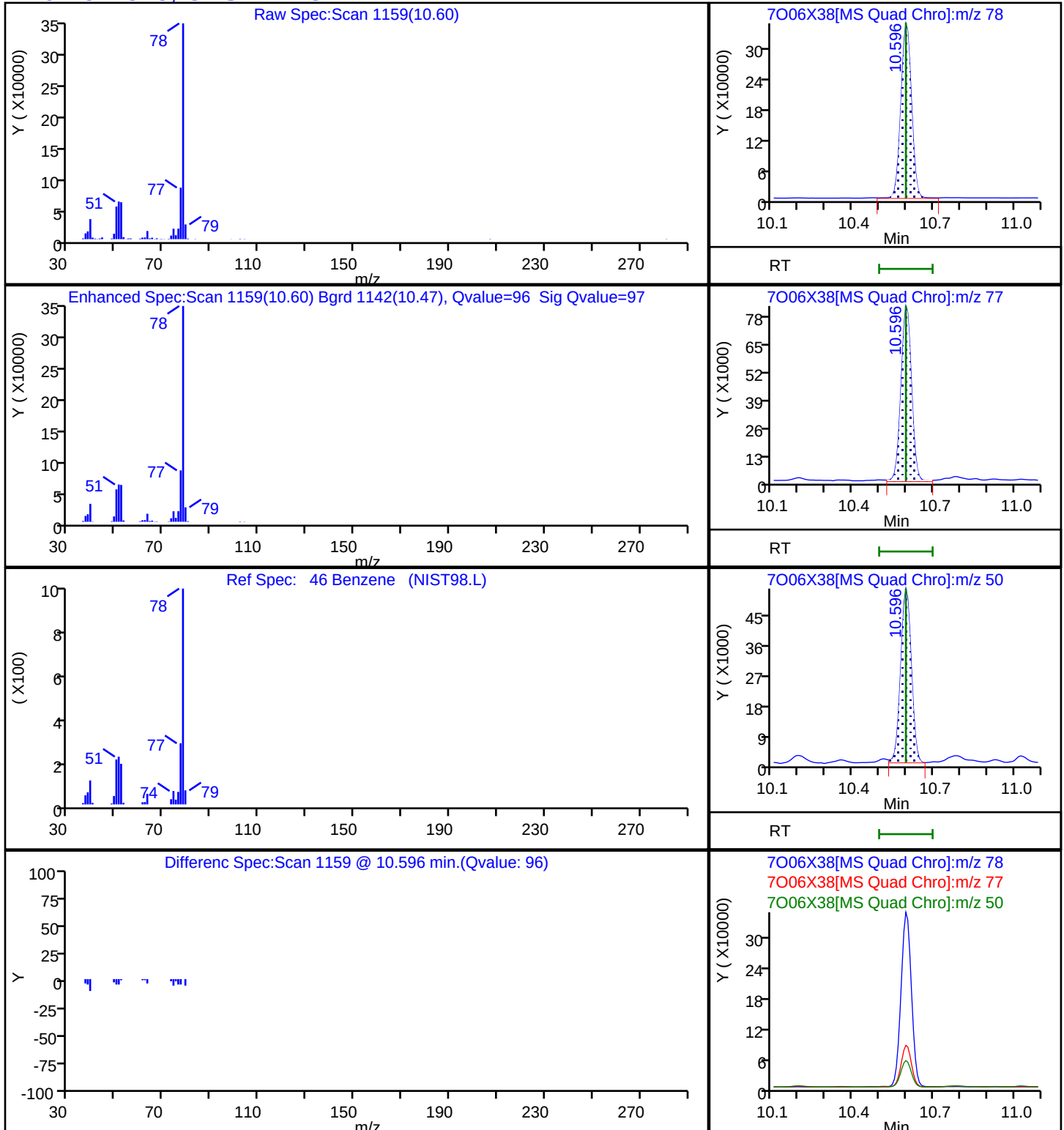
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

46 Benzene, CAS: 71-43-2

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

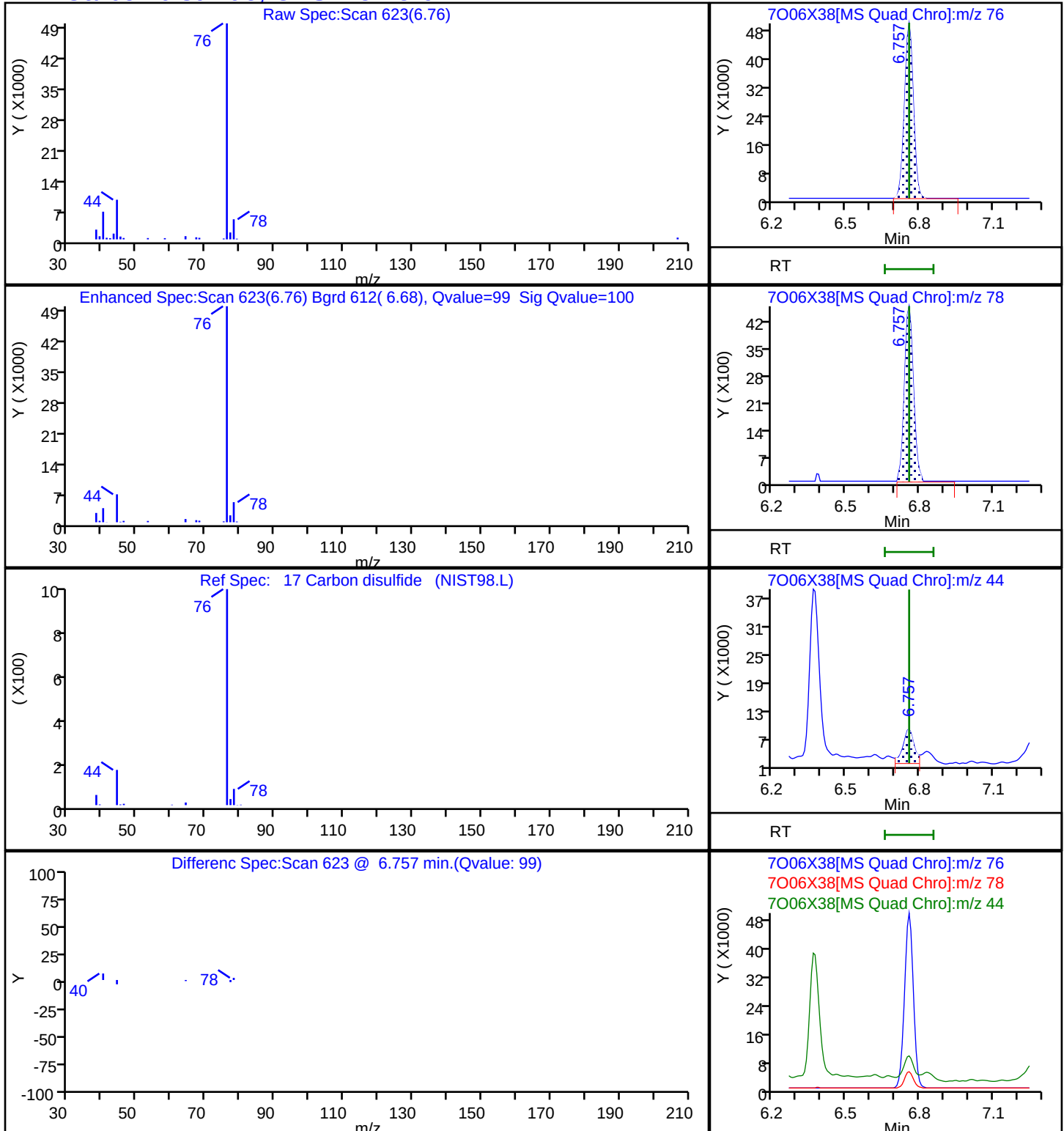
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

17 Carbon disulfide, CAS: 75-15-0

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

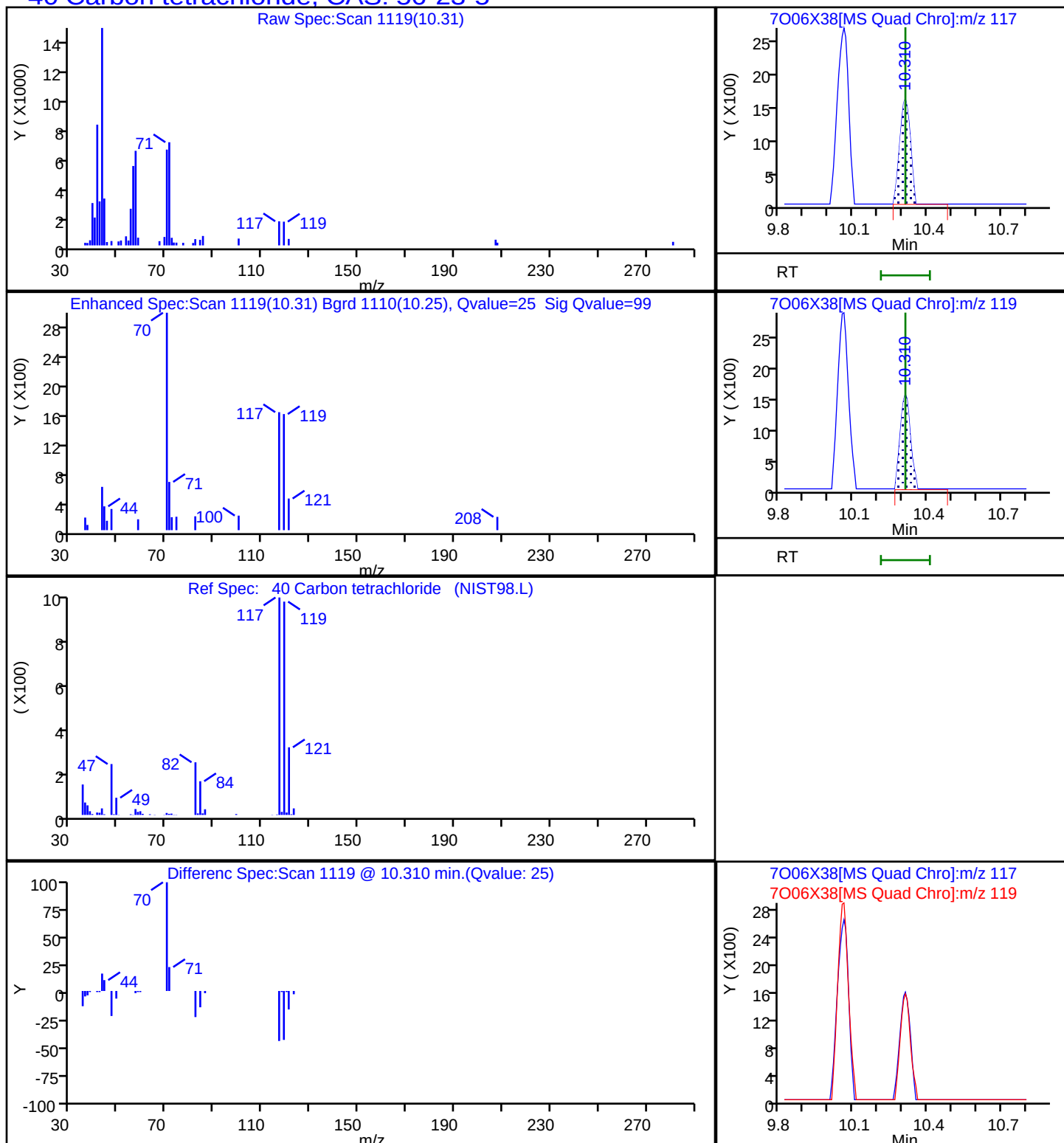
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

40 Carbon tetrachloride, CAS: 56-23-5

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

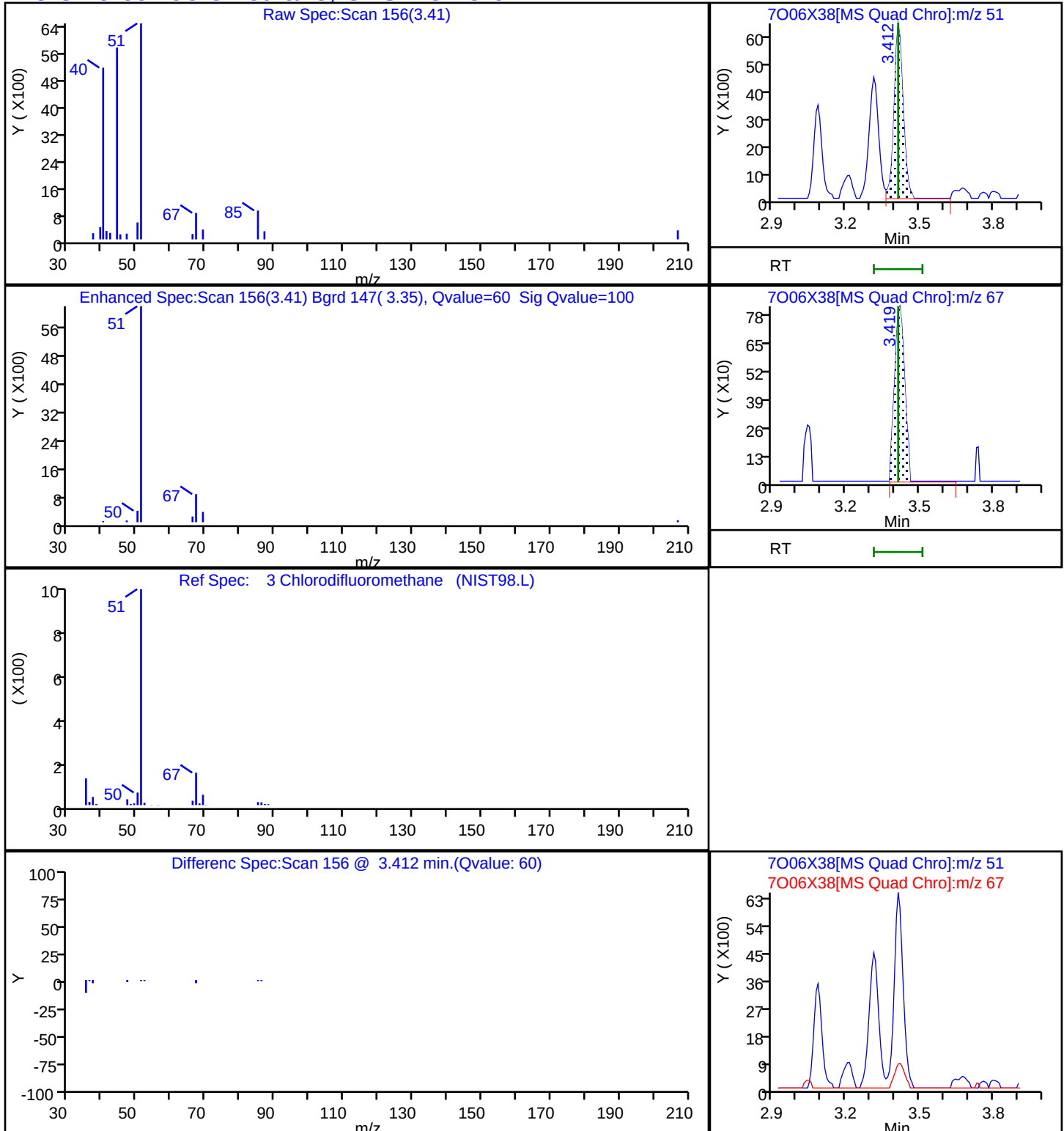
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

3 Chlorodifluoromethane, CAS: 75-45-6

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

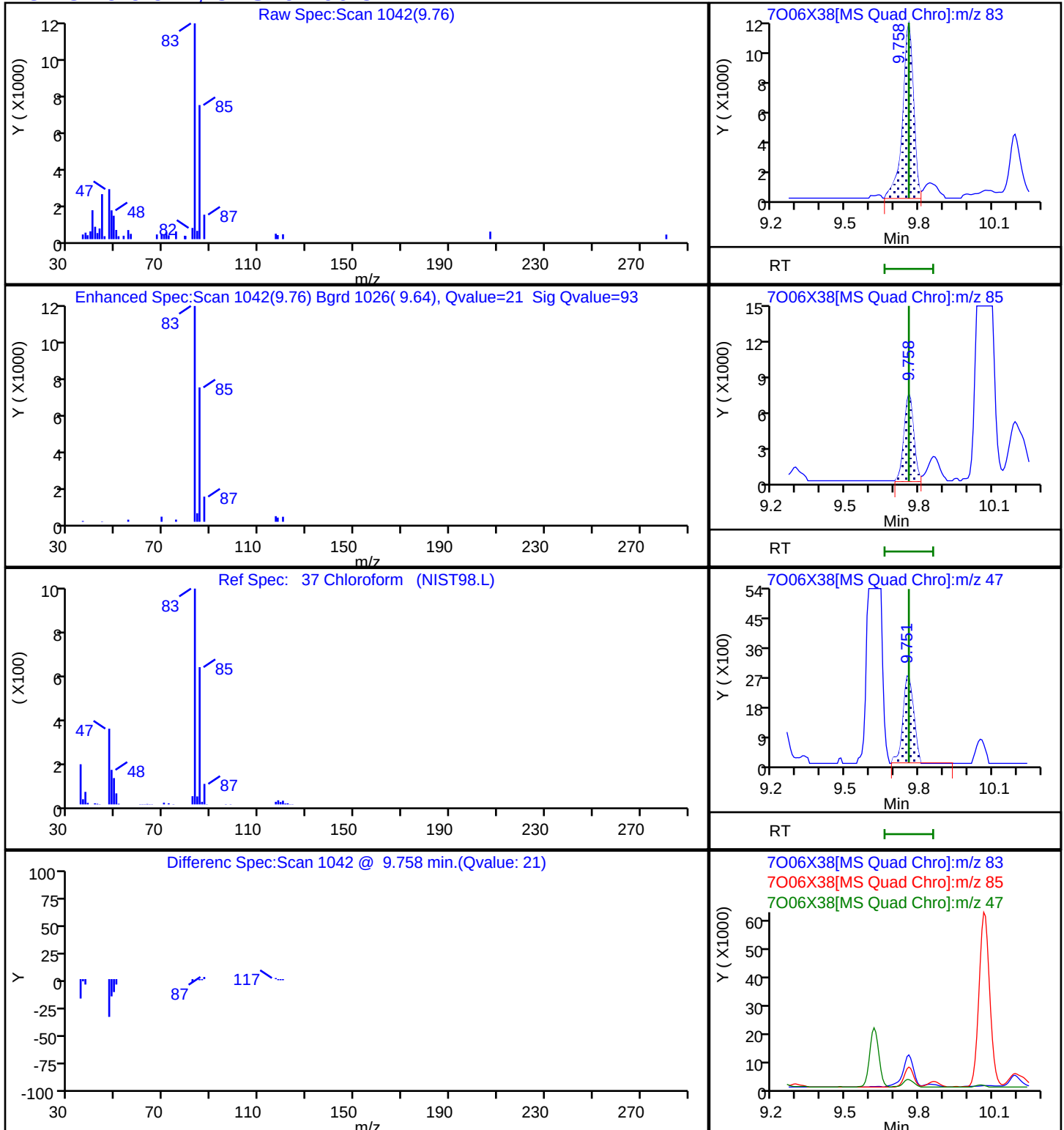
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

37 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

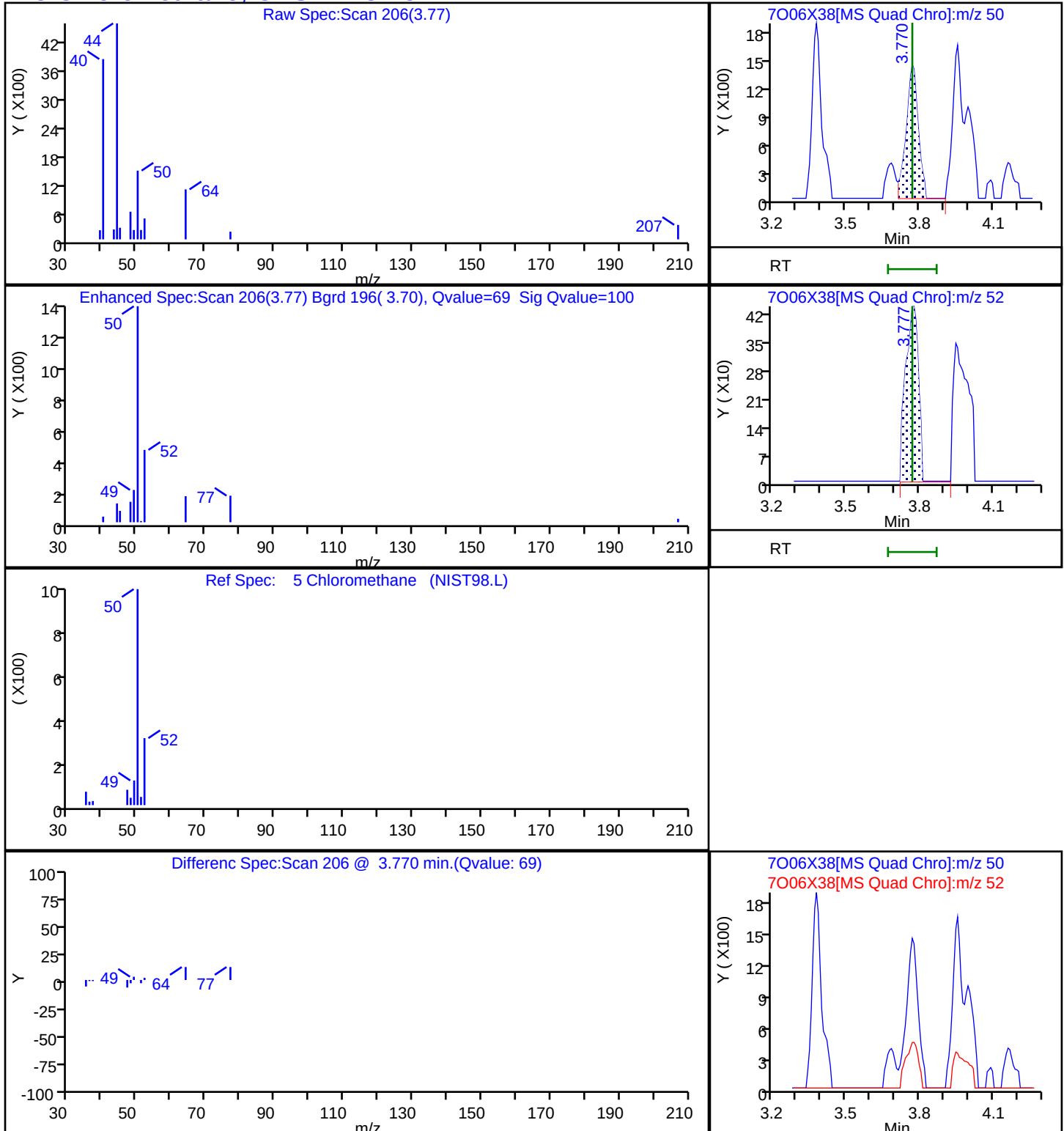
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

5 Chloromethane, CAS: 74-87-3

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

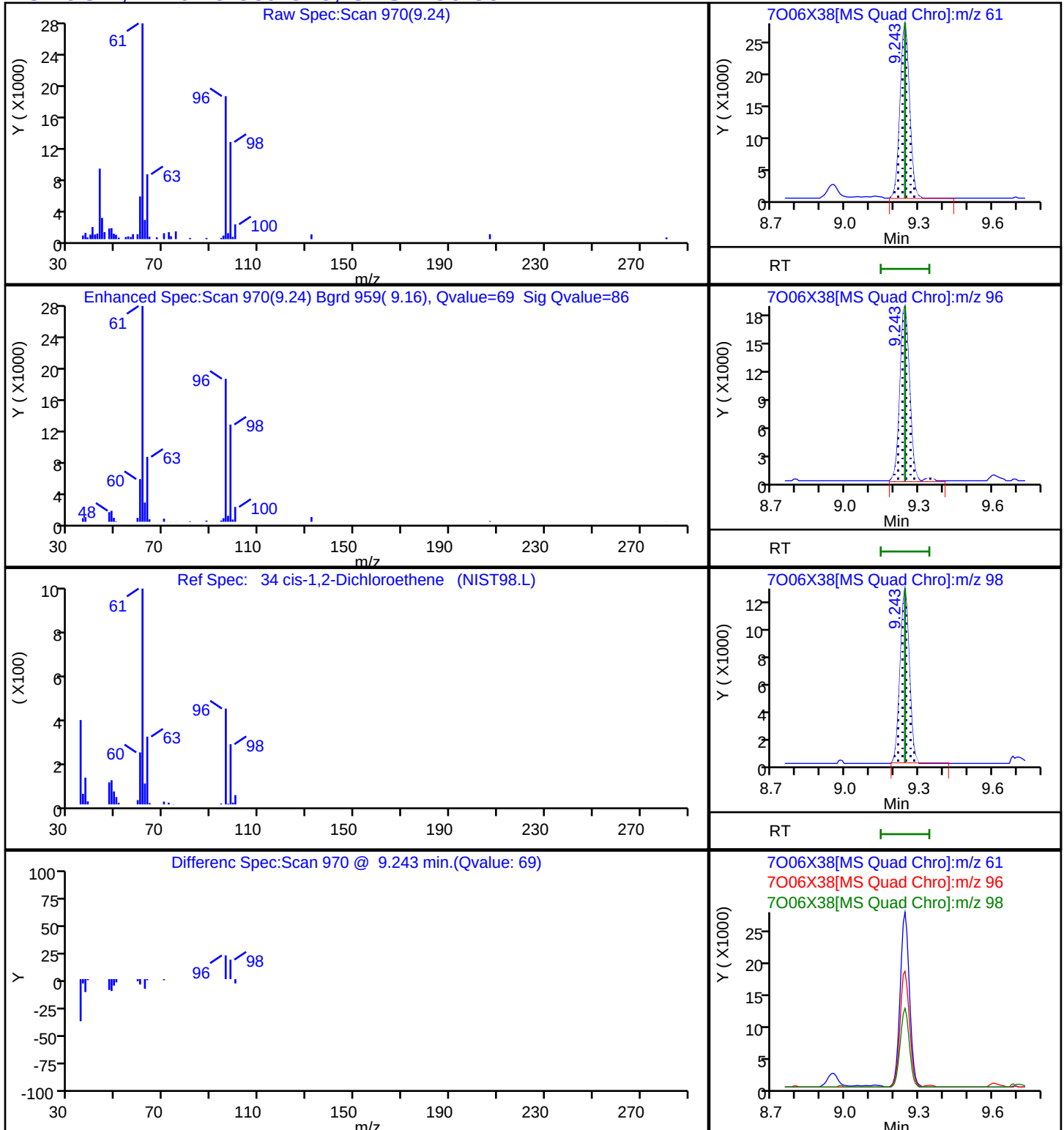
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

34 cis-1,2-Dichloroethene, CAS: 156-59-2

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

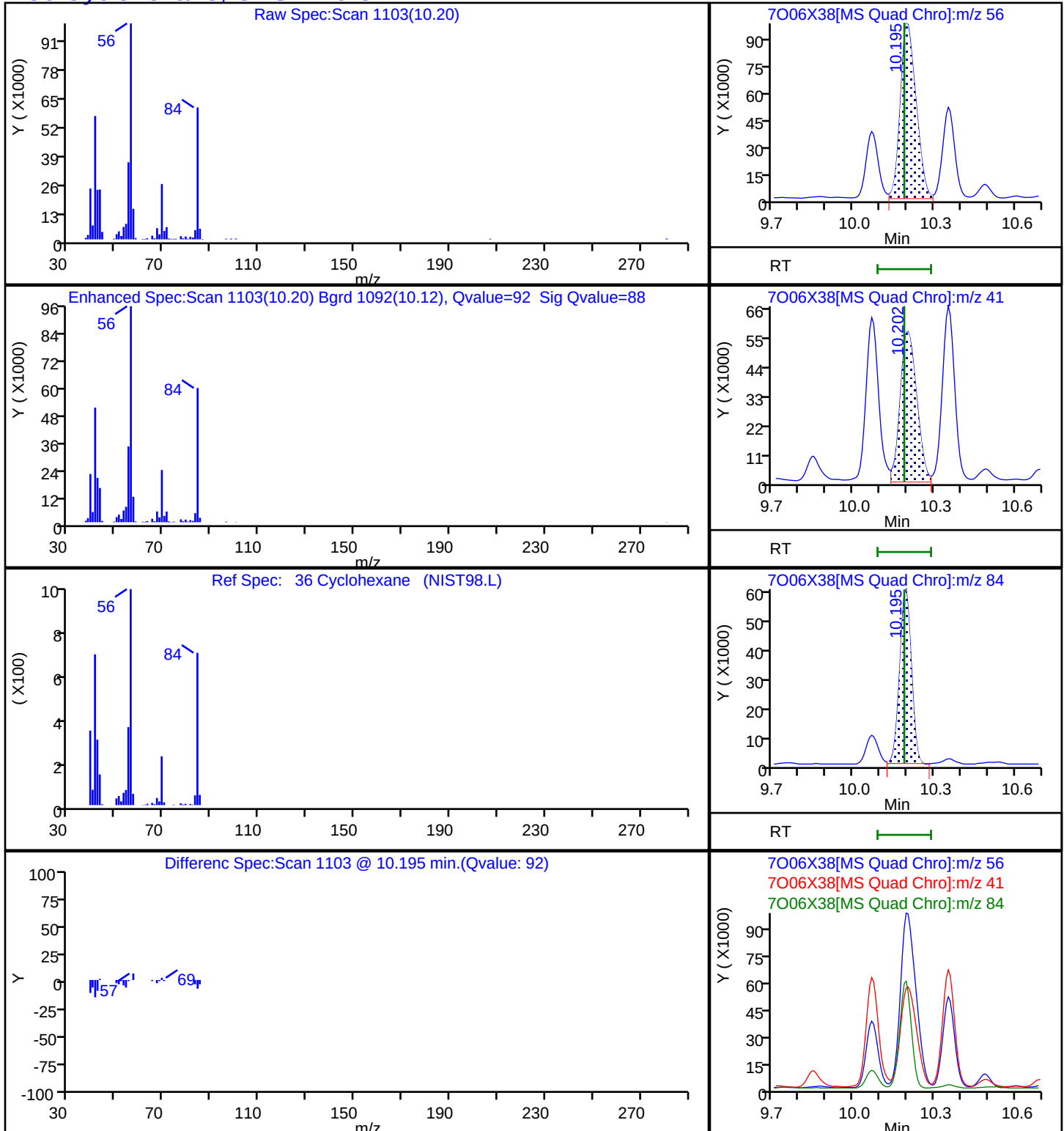
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

36 Cyclohexane, CAS: 110-82-7

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

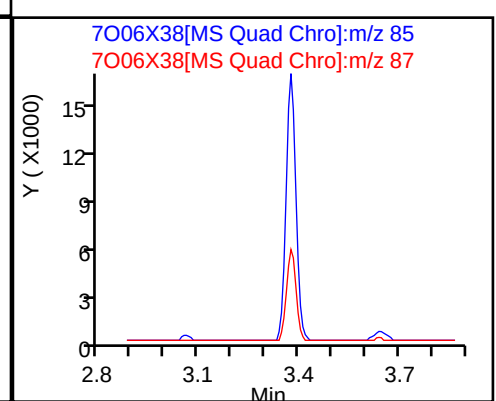
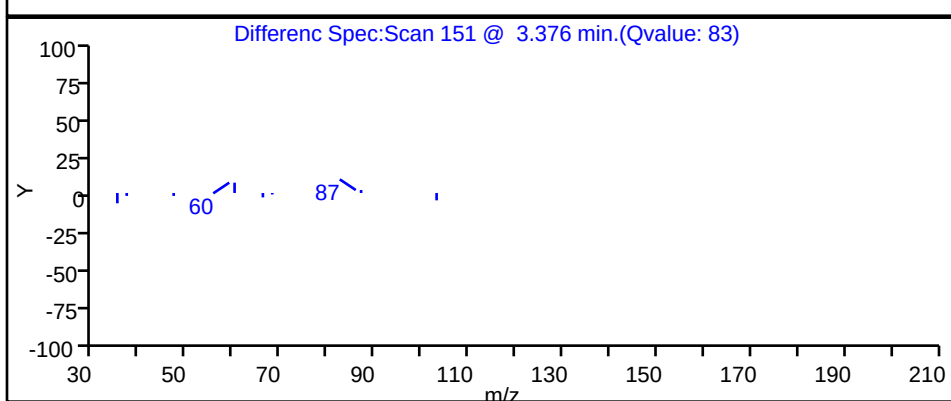
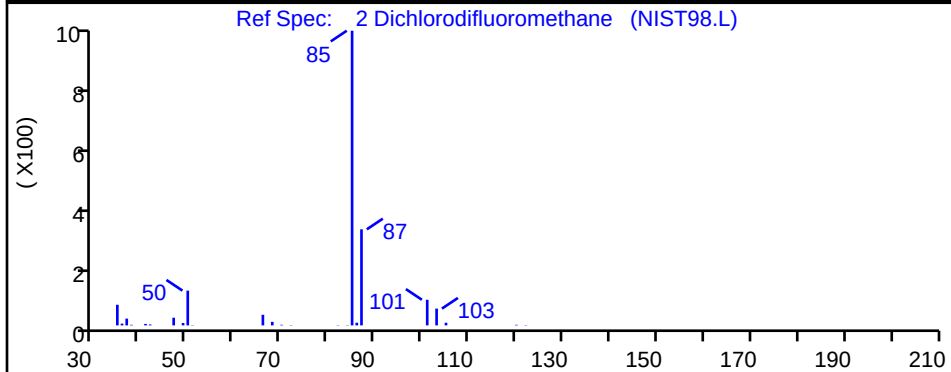
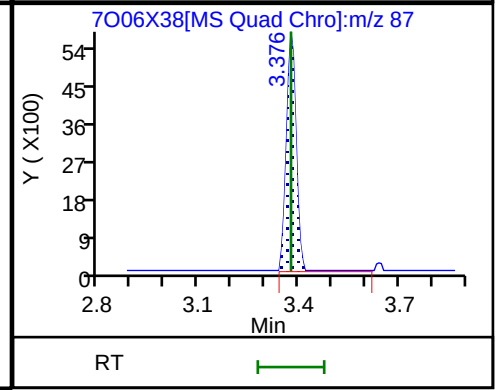
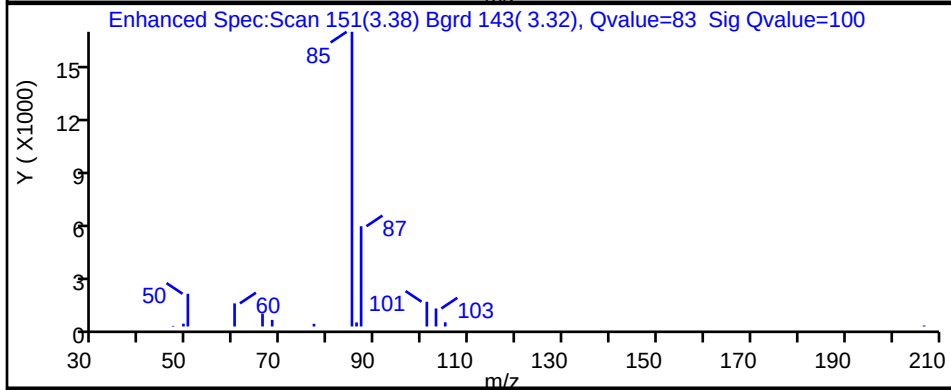
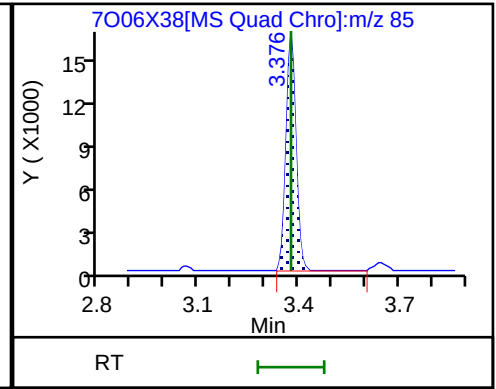
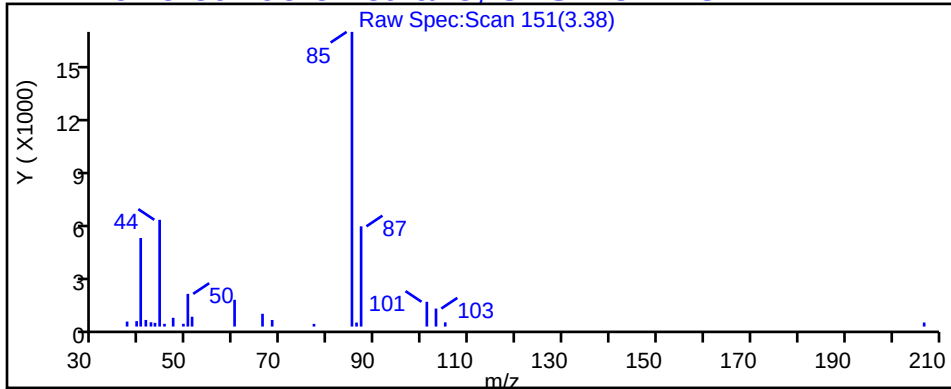
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

2 Dichlorodifluoromethane, CAS: 75-71-8

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

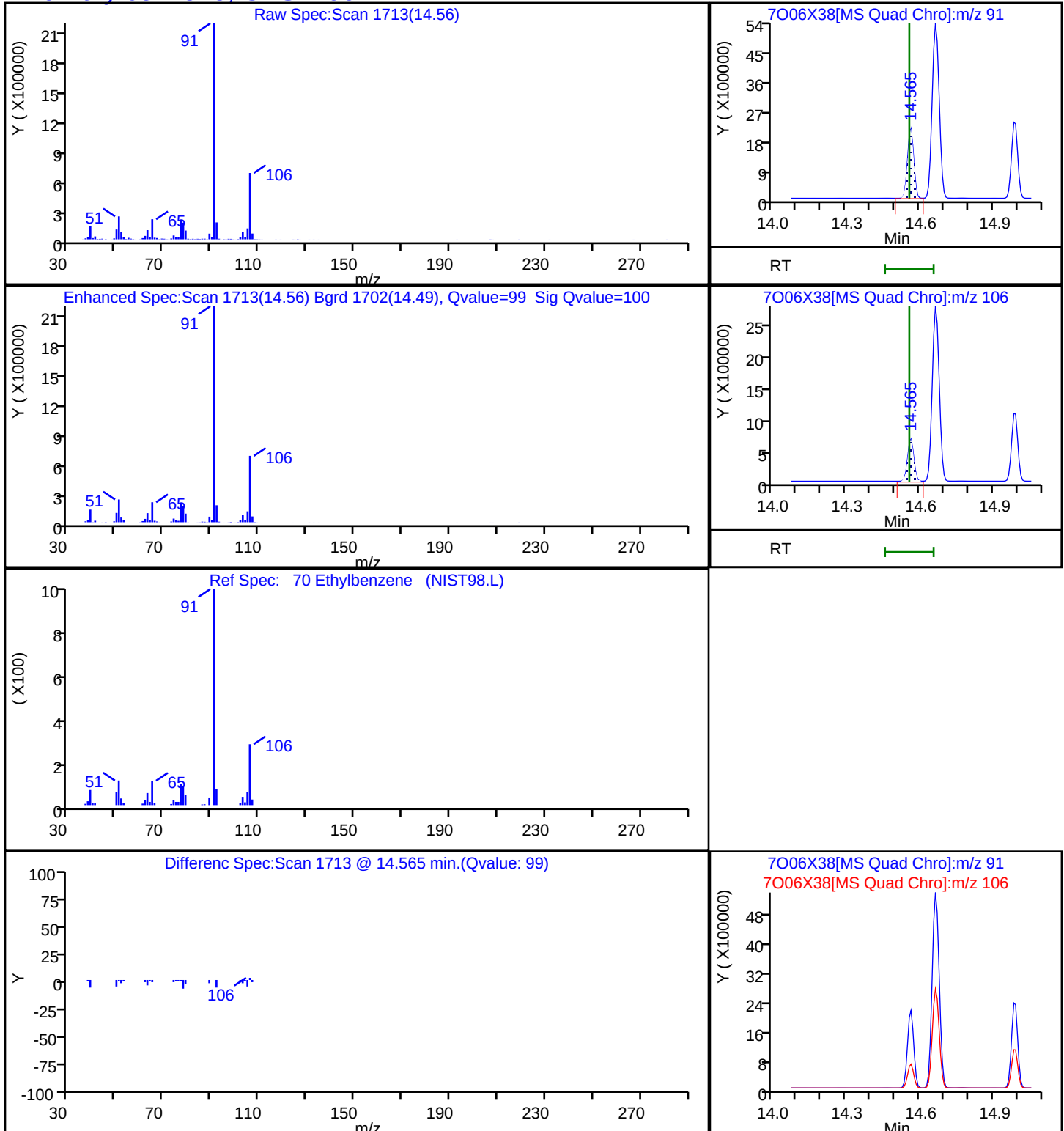
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

70 Ethylbenzene, CAS: 100-41-4

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

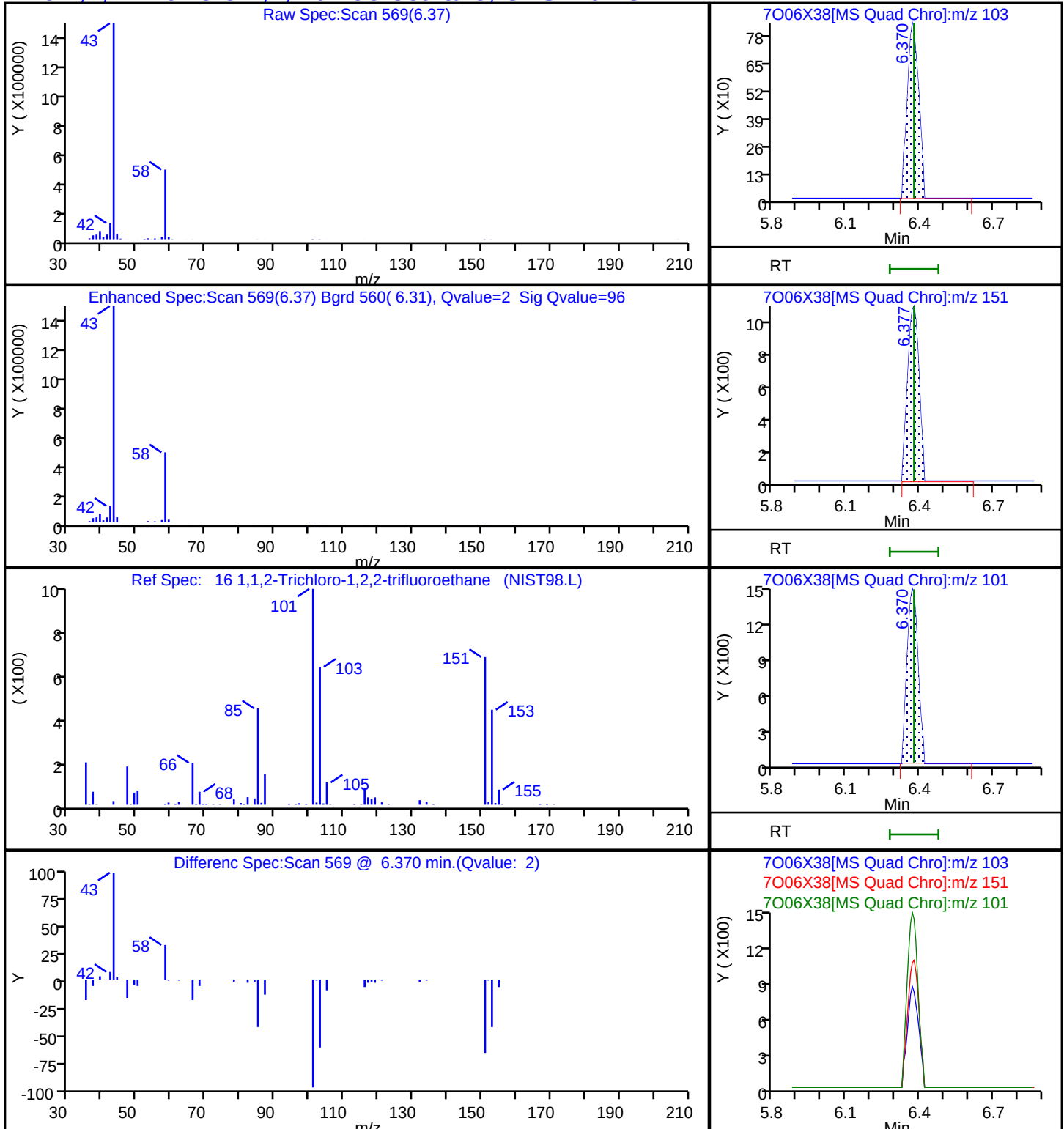
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

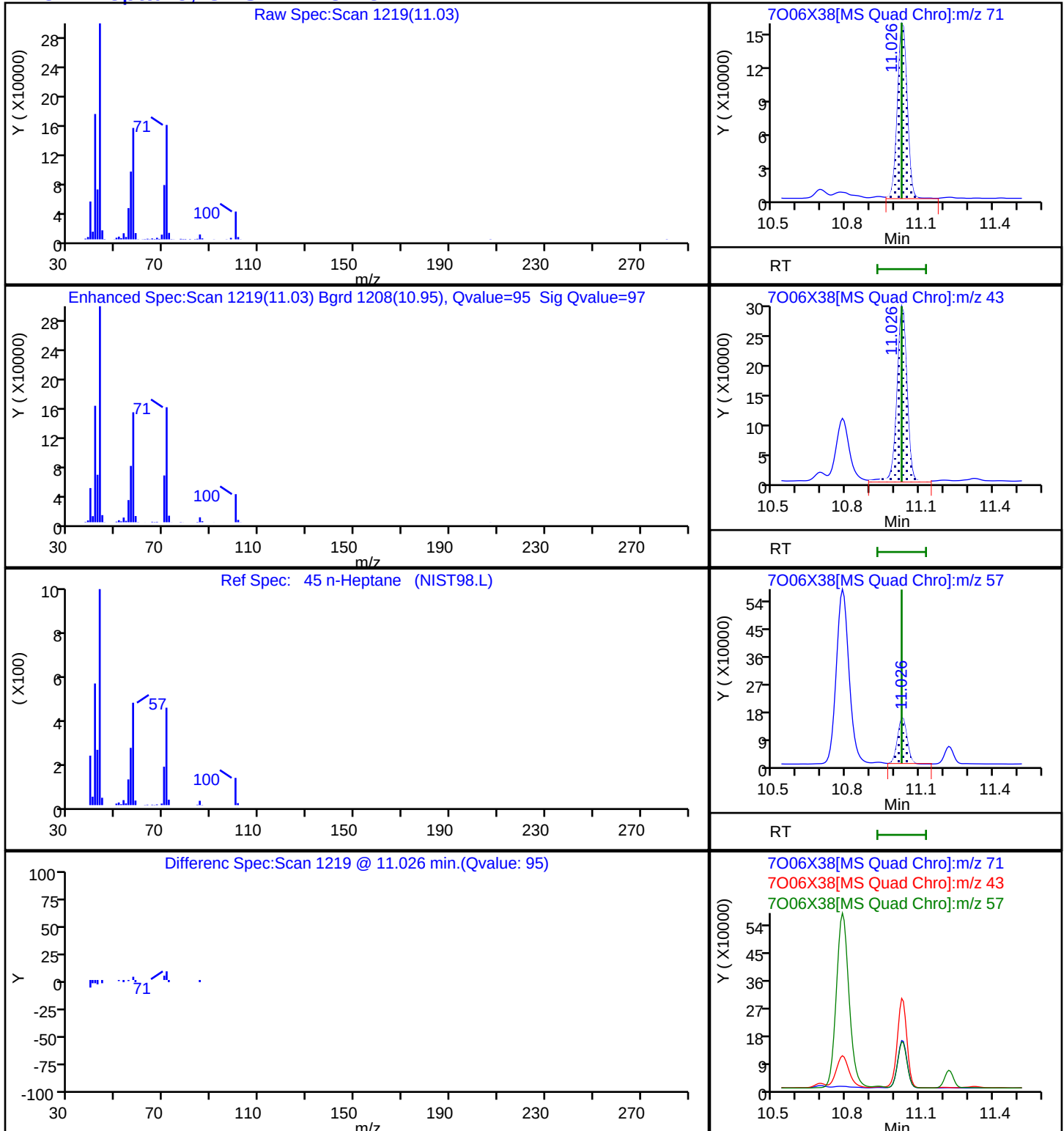
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

45 n-Heptane, CAS: 142-82-5

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

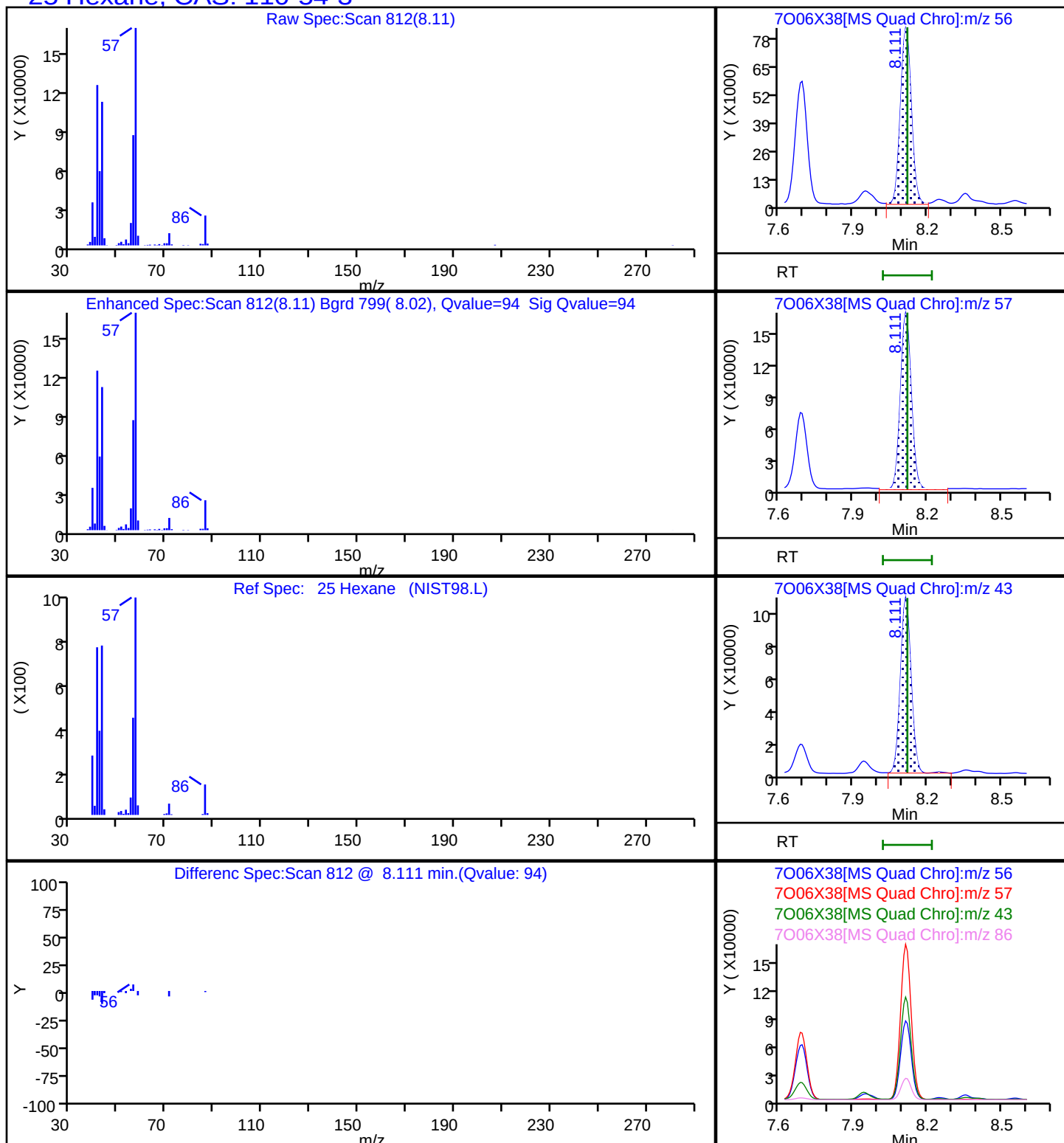
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

25 Hexane, CAS: 110-54-3

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

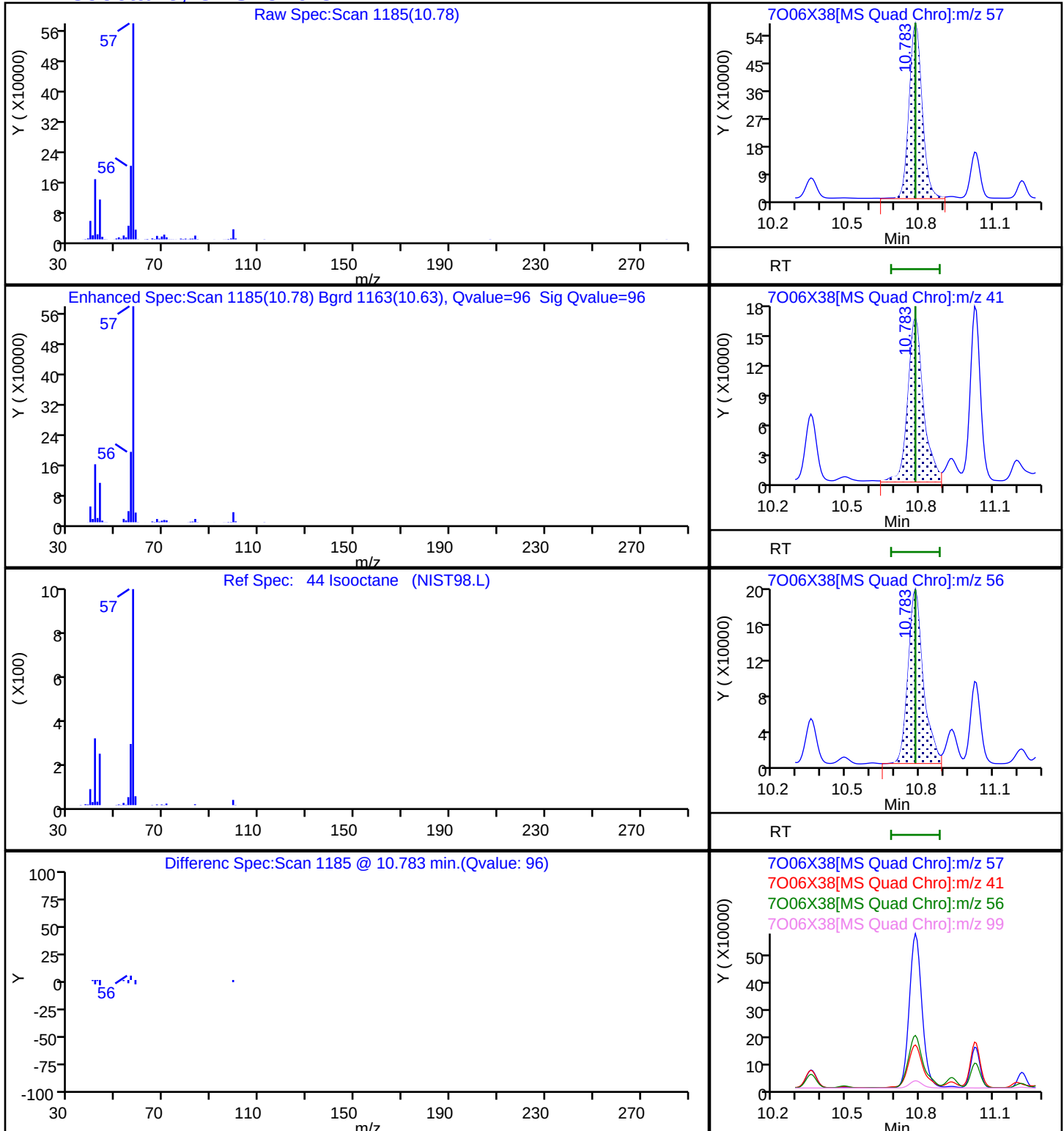
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

44 Isooctane, CAS: 540-84-1

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

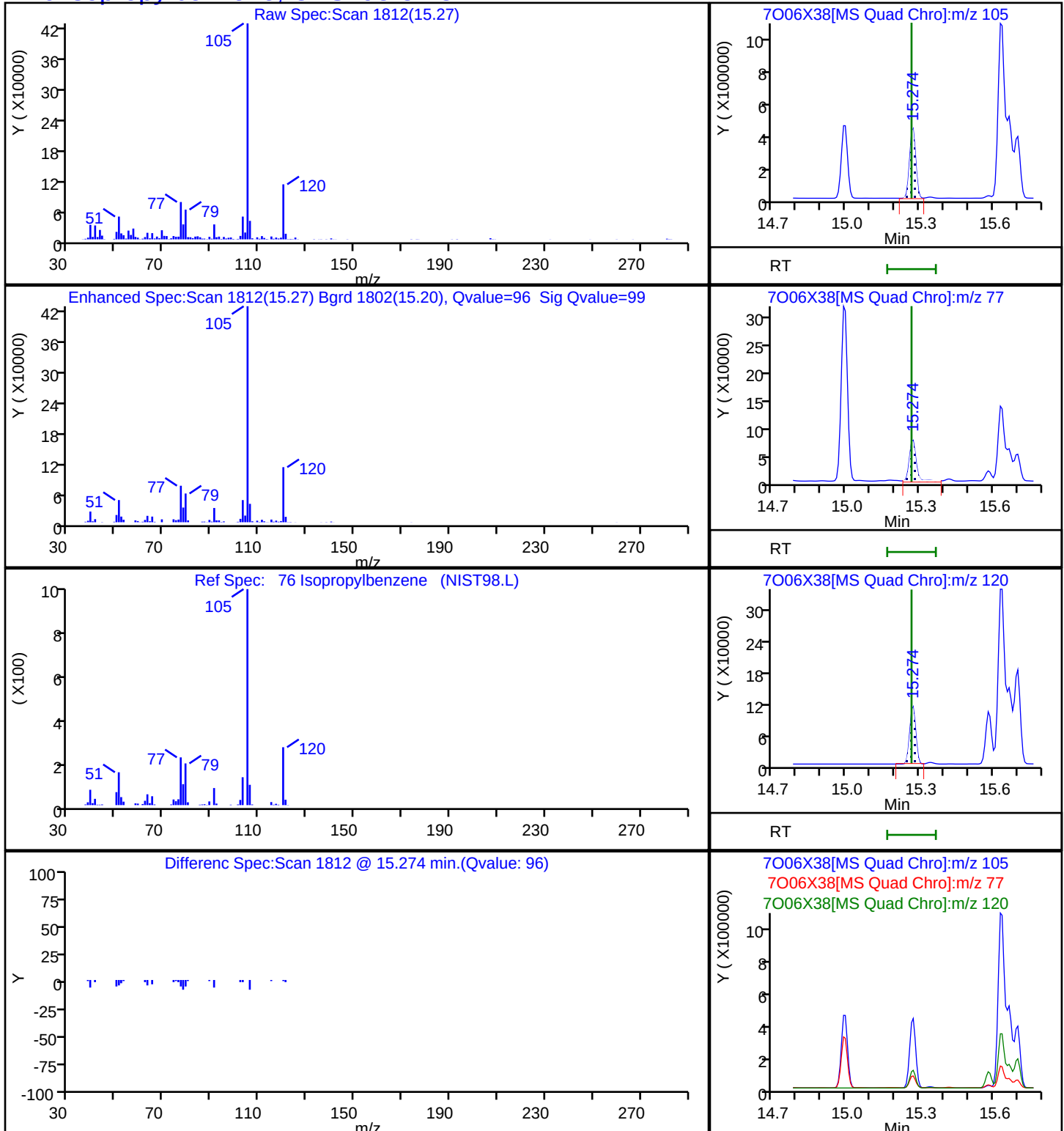
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

76 Isopropylbenzene, CAS: 98-82-8

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

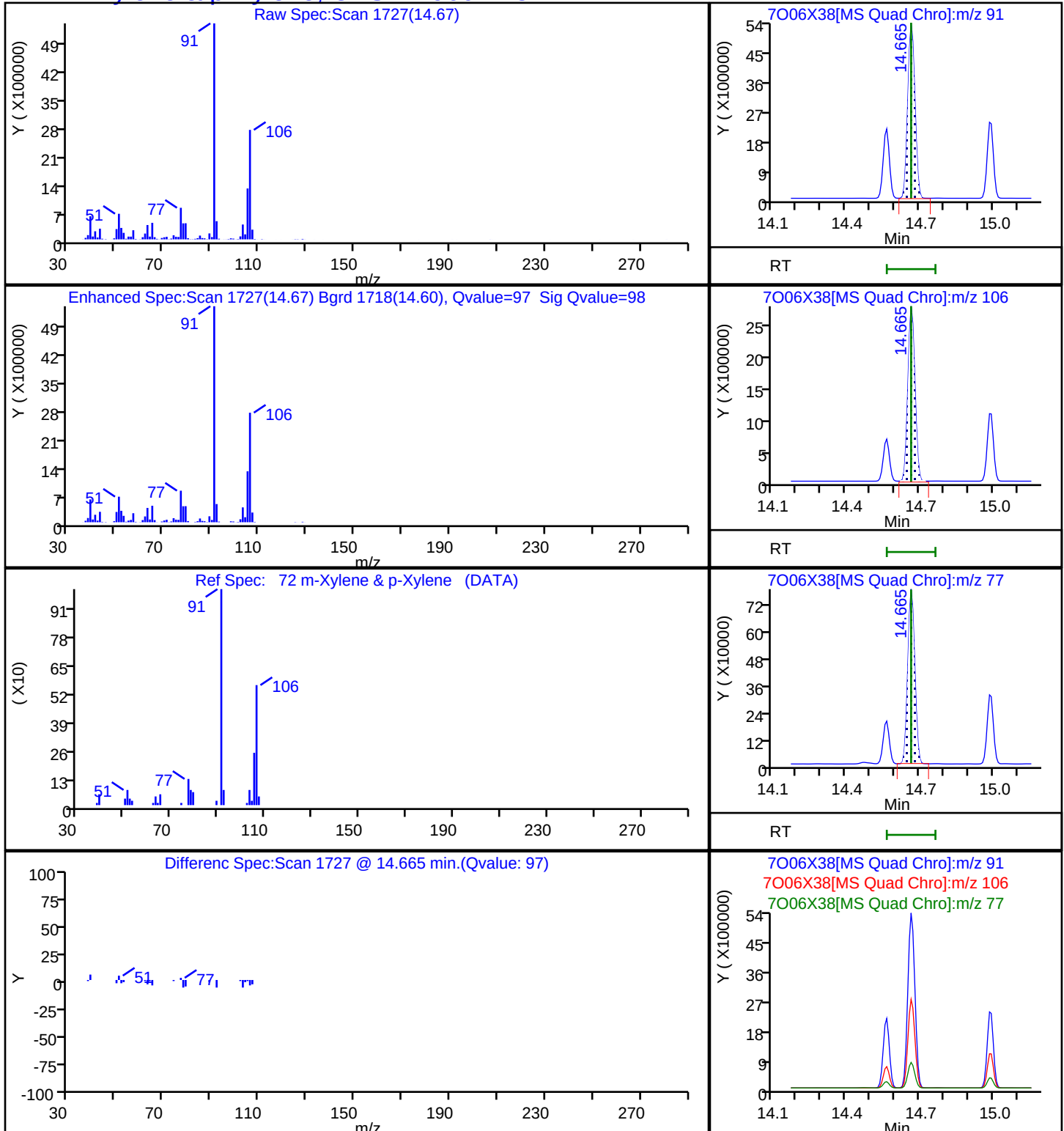
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

72 m-Xylene & p-Xylene, CAS: 179601-23-1

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

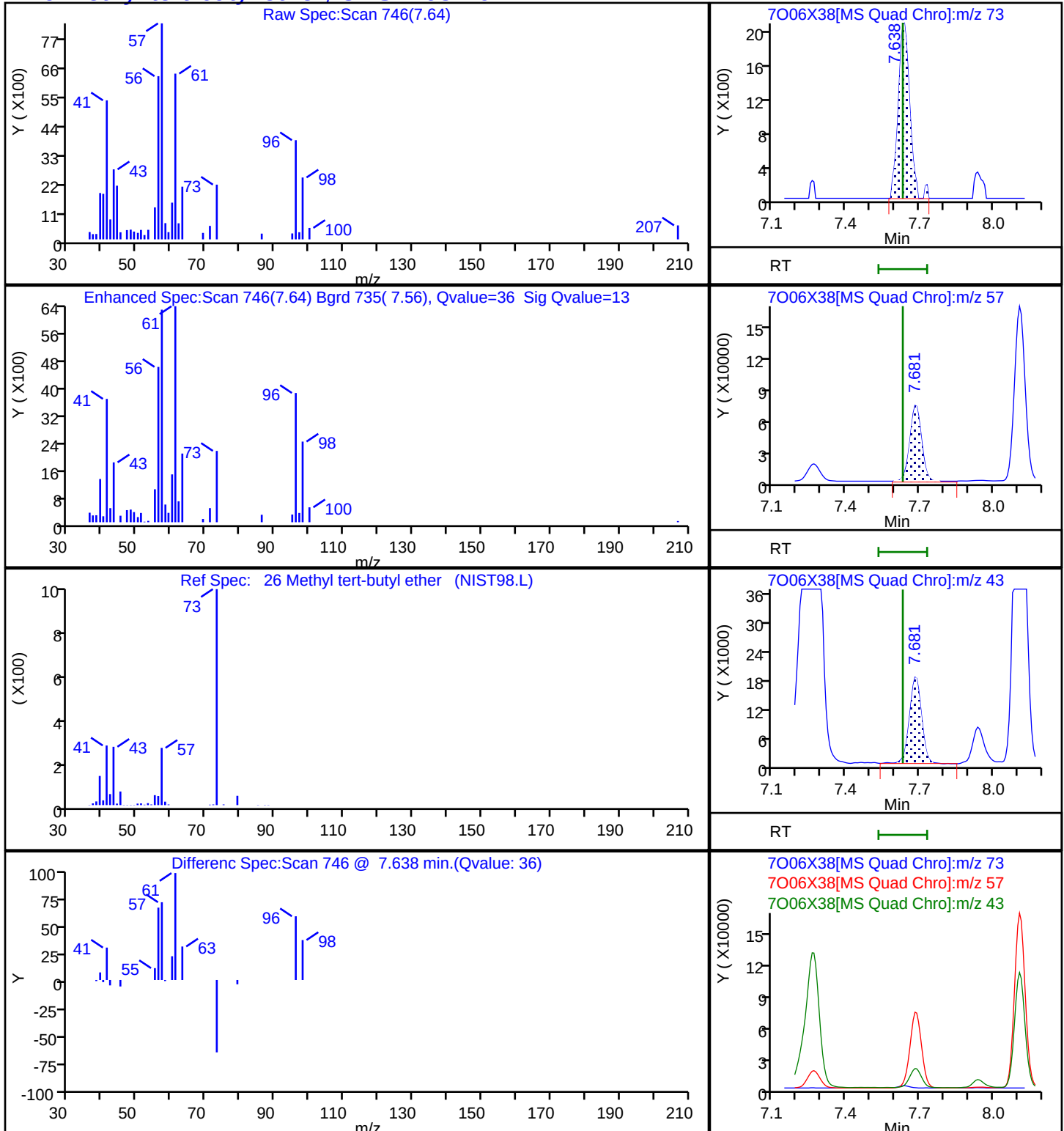
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

26 Methyl tert-butyl ether, CAS: 1634-04-4

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

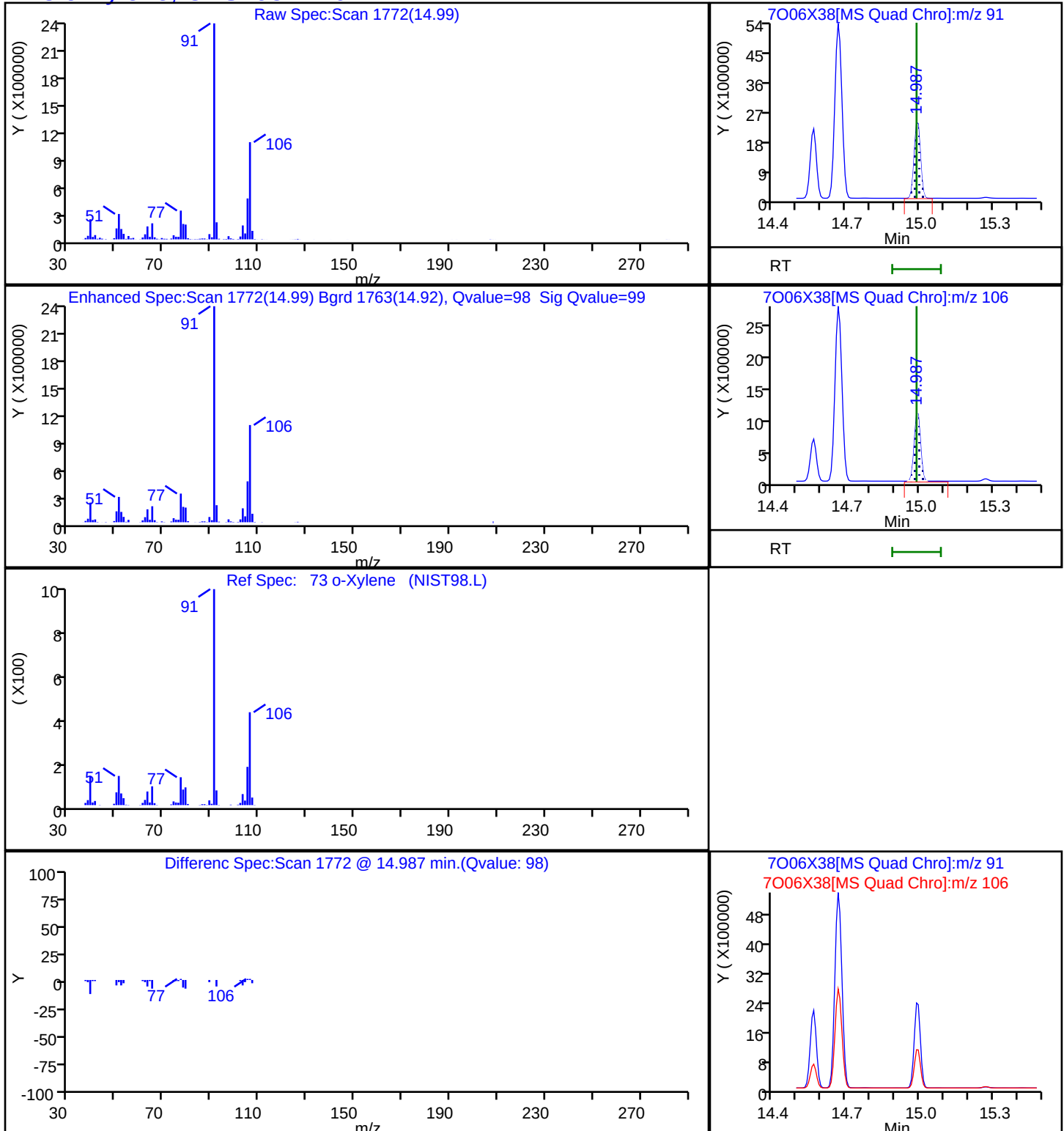
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

73 o-Xylene, CAS: 95-47-6

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

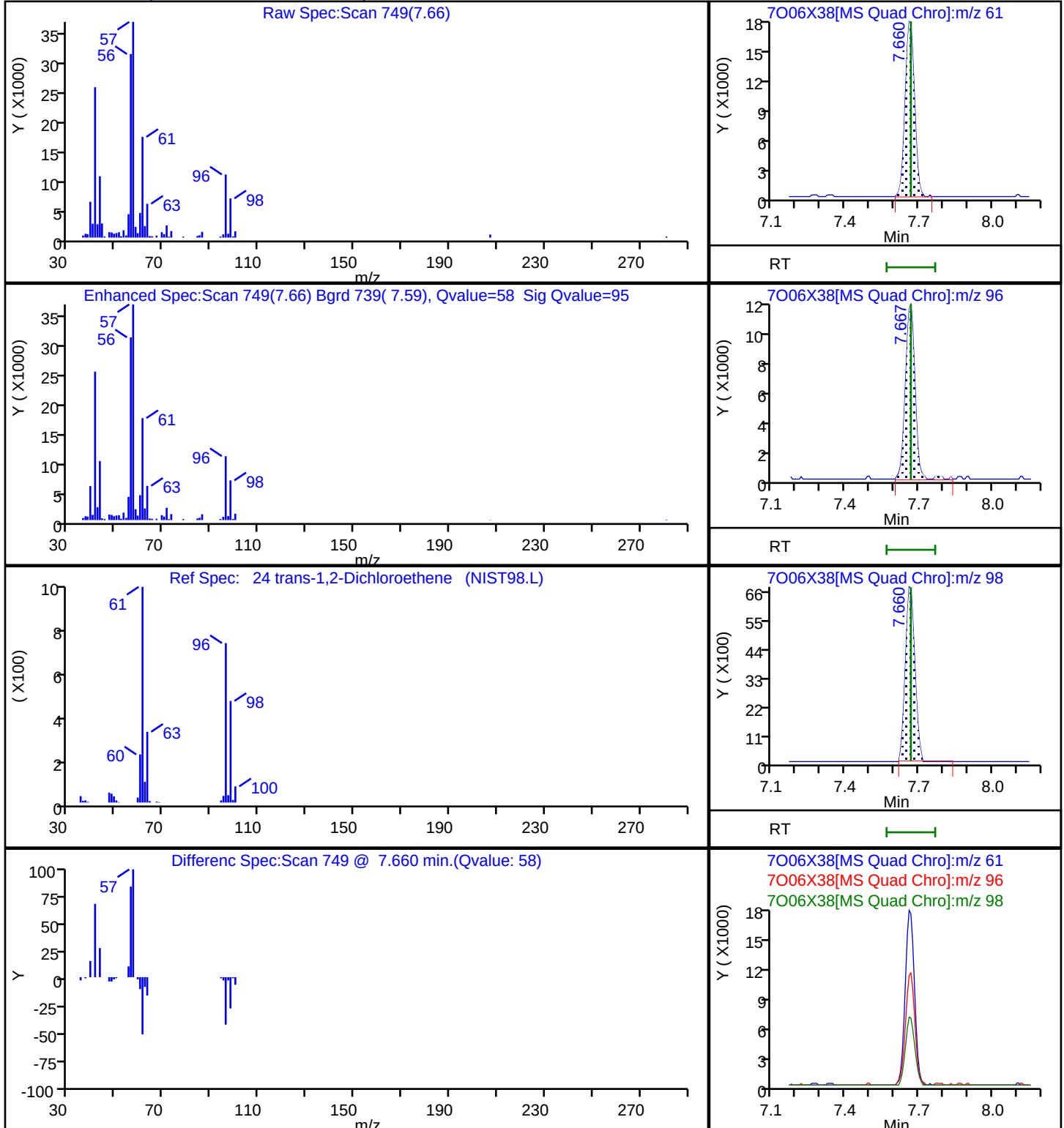
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

24 trans-1,2-Dichloroethene, CAS: 156-60-5

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

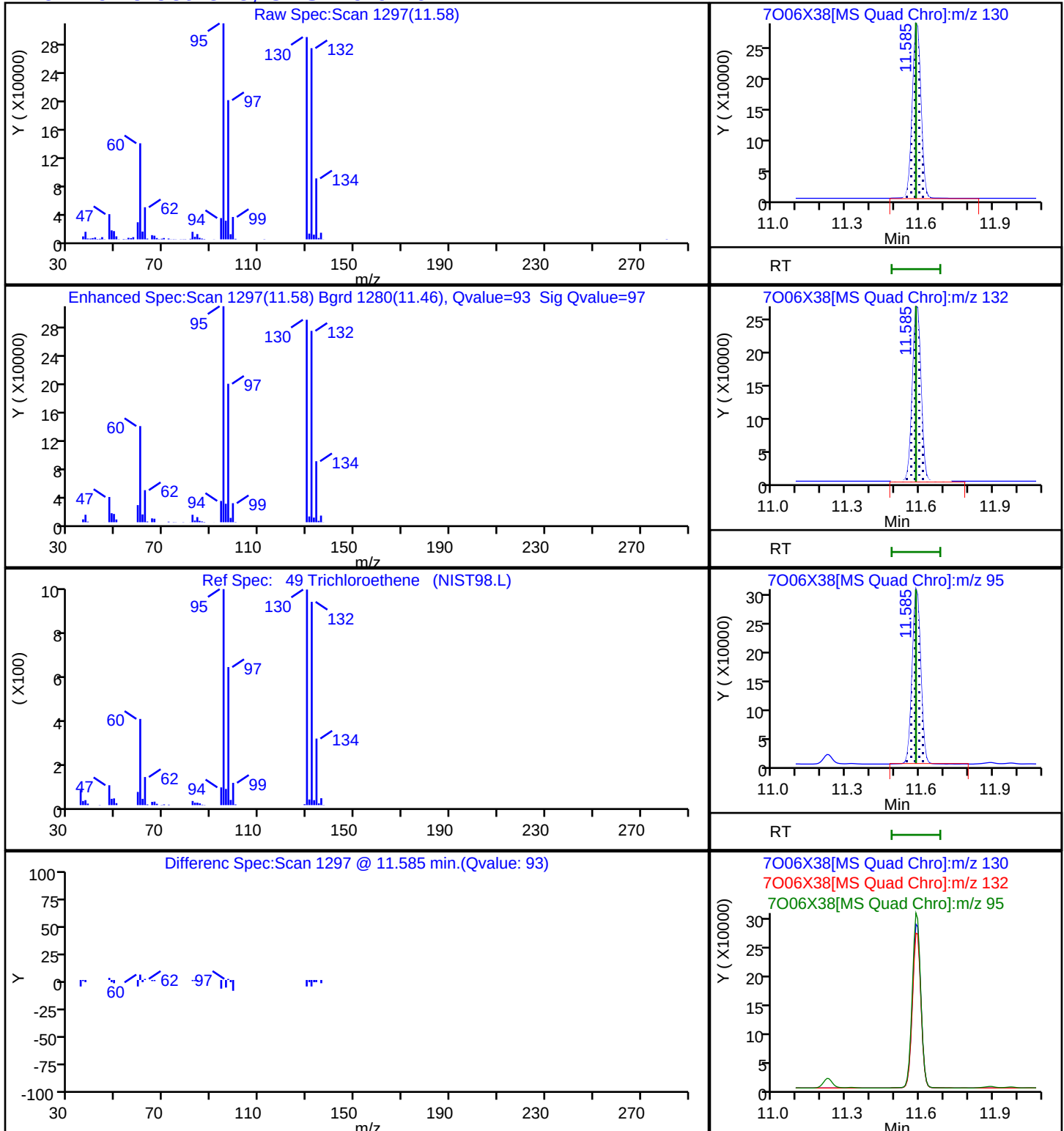
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

49 Trichloroethene, CAS: 79-01-6

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

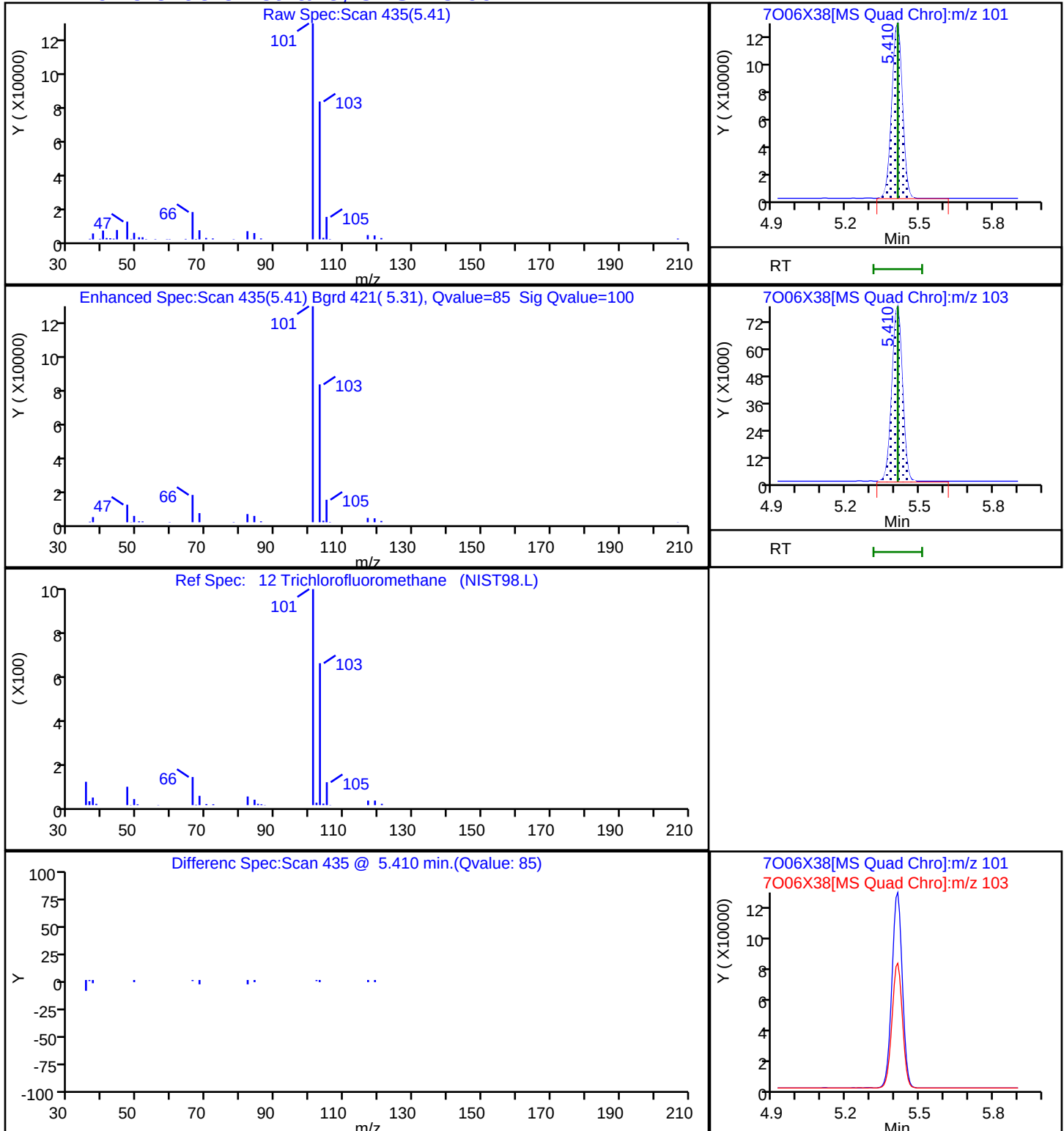
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

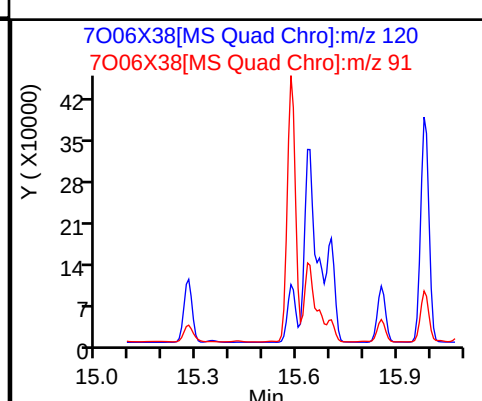
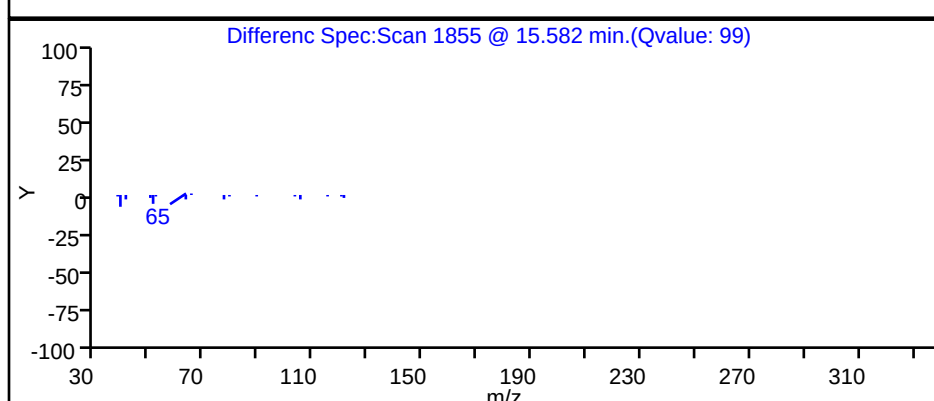
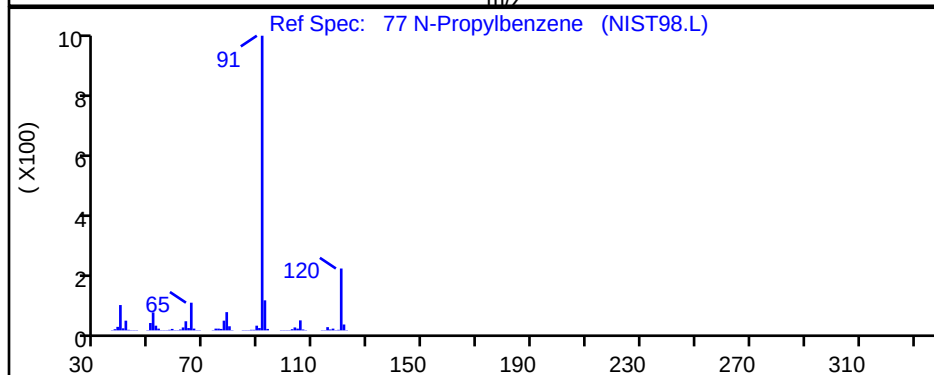
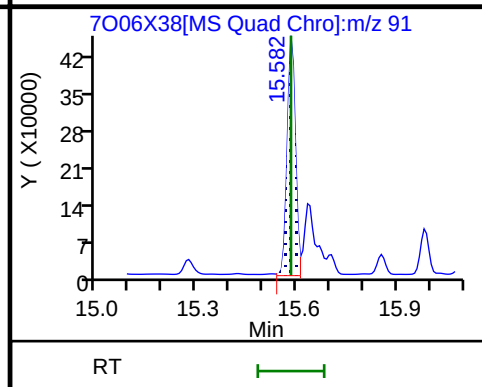
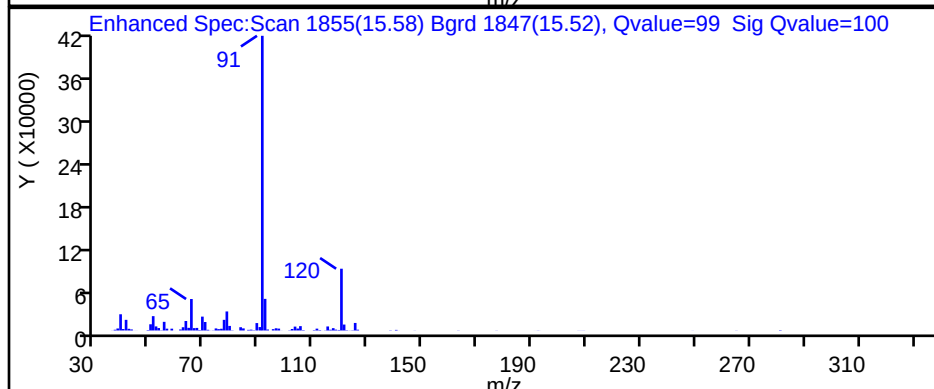
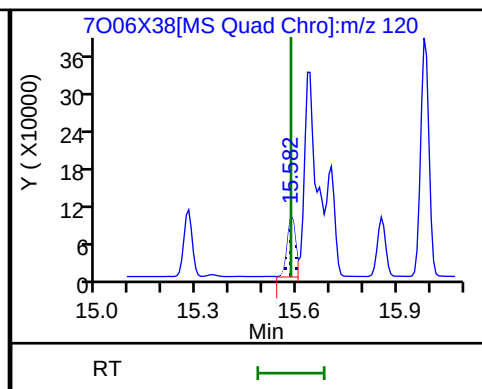
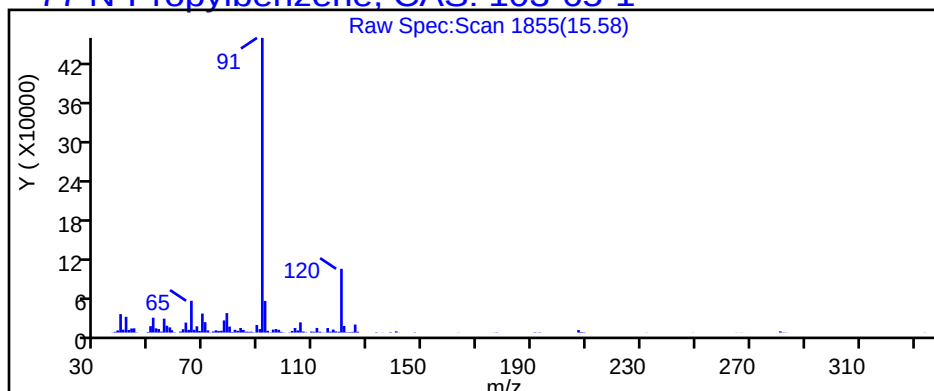
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

77 N-Propylbenzene, CAS: 103-65-1

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

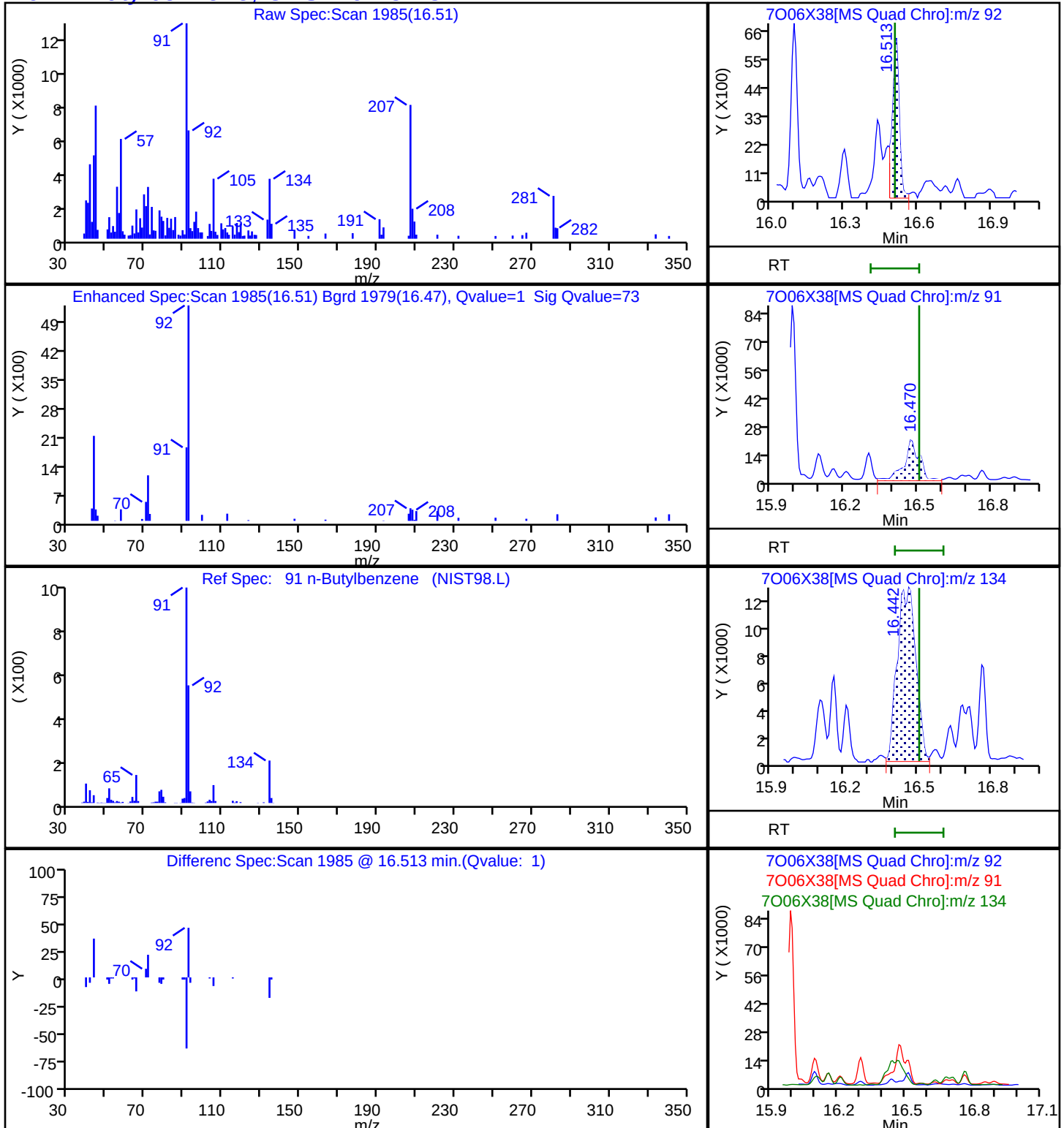
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

91 n-Butylbenzene, CAS: 104-51-8

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

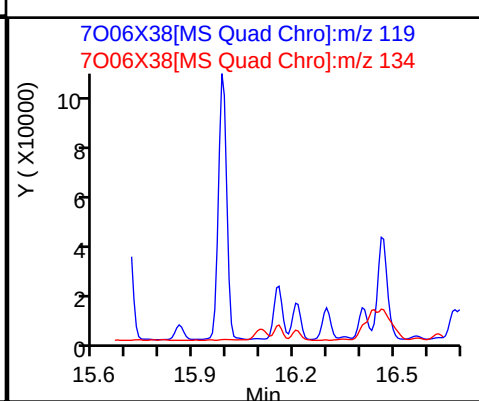
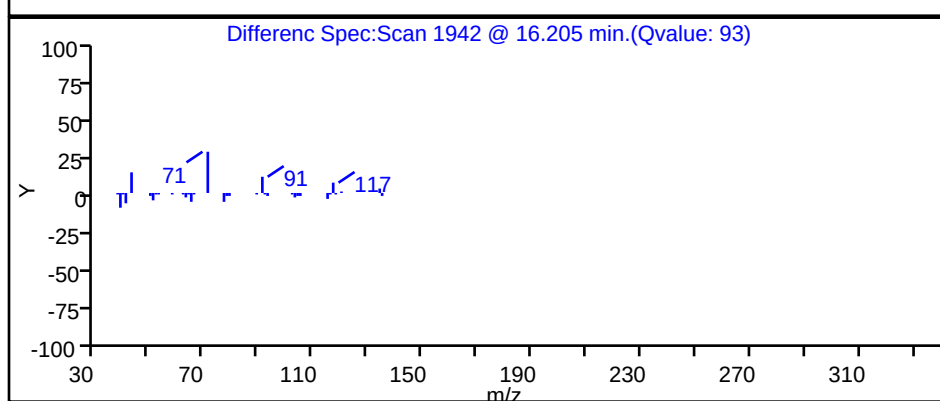
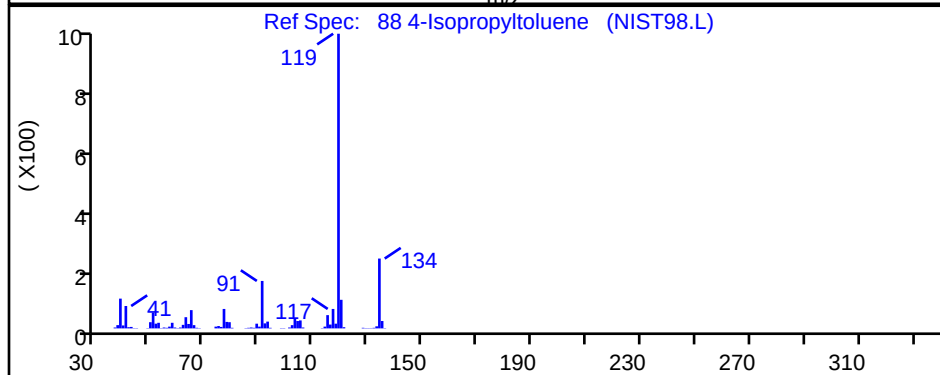
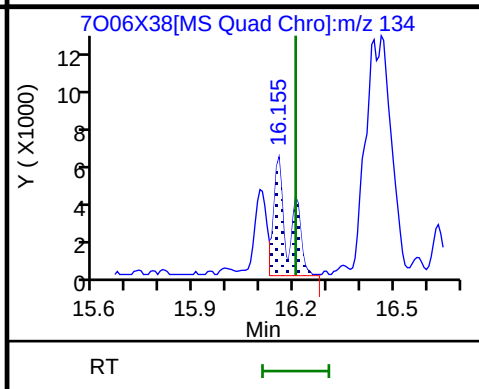
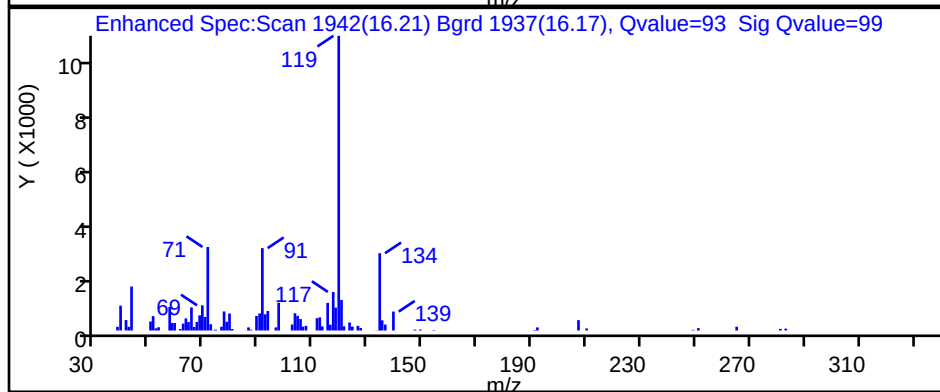
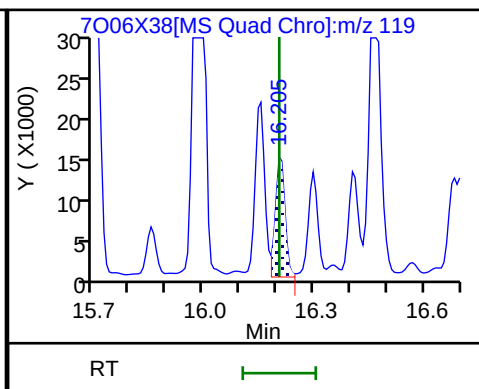
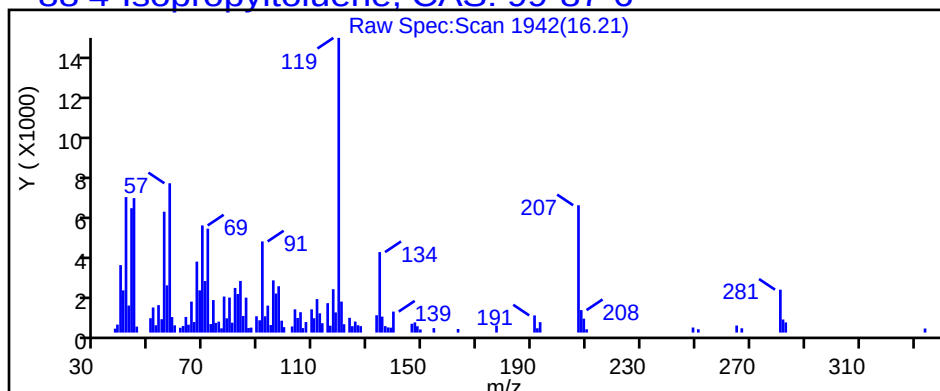
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

88 4-Isopropyltoluene, CAS: 99-87-6

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17

Worklist Smp#: 36

Purge Vol: 200.000 mL

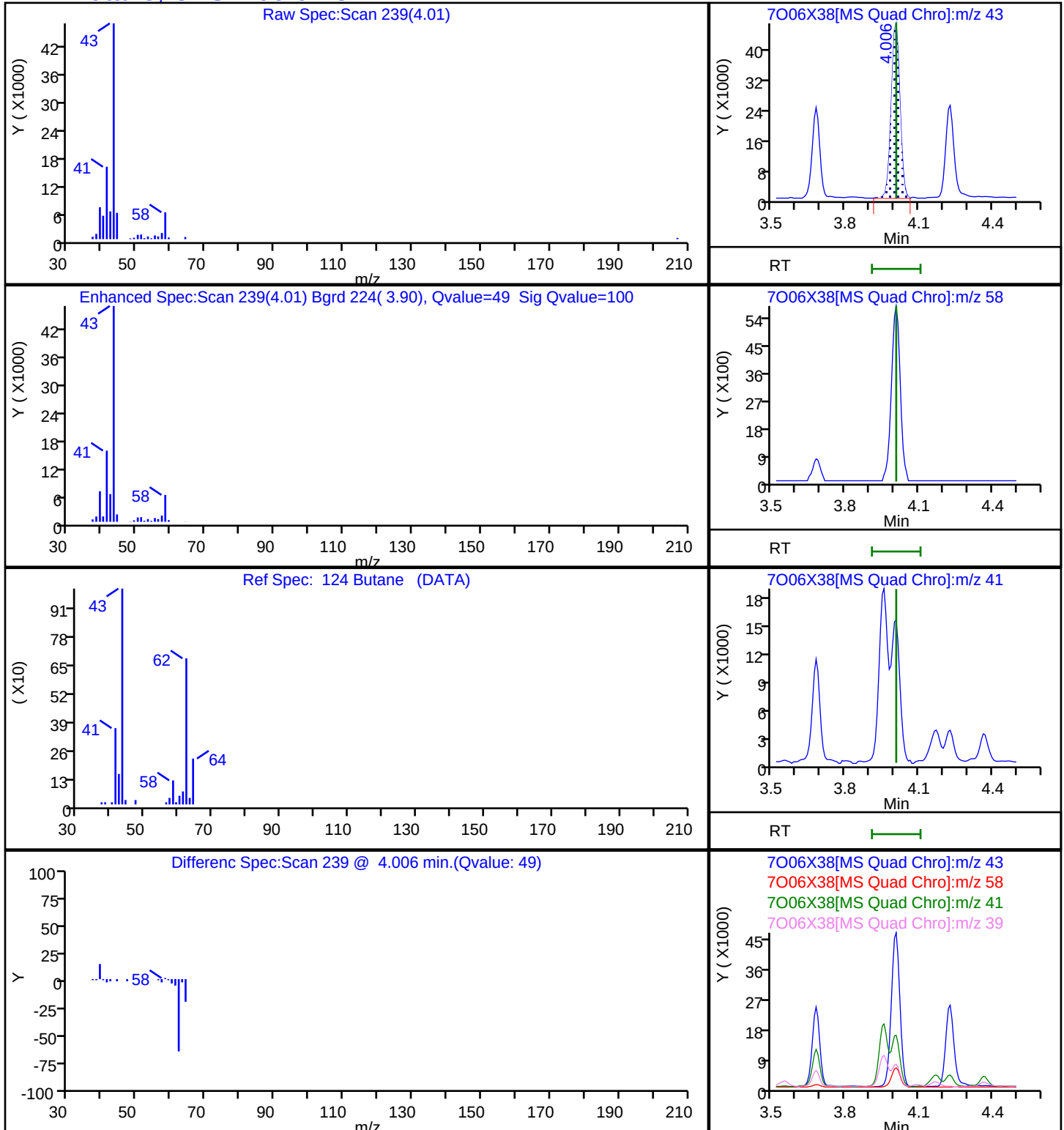
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

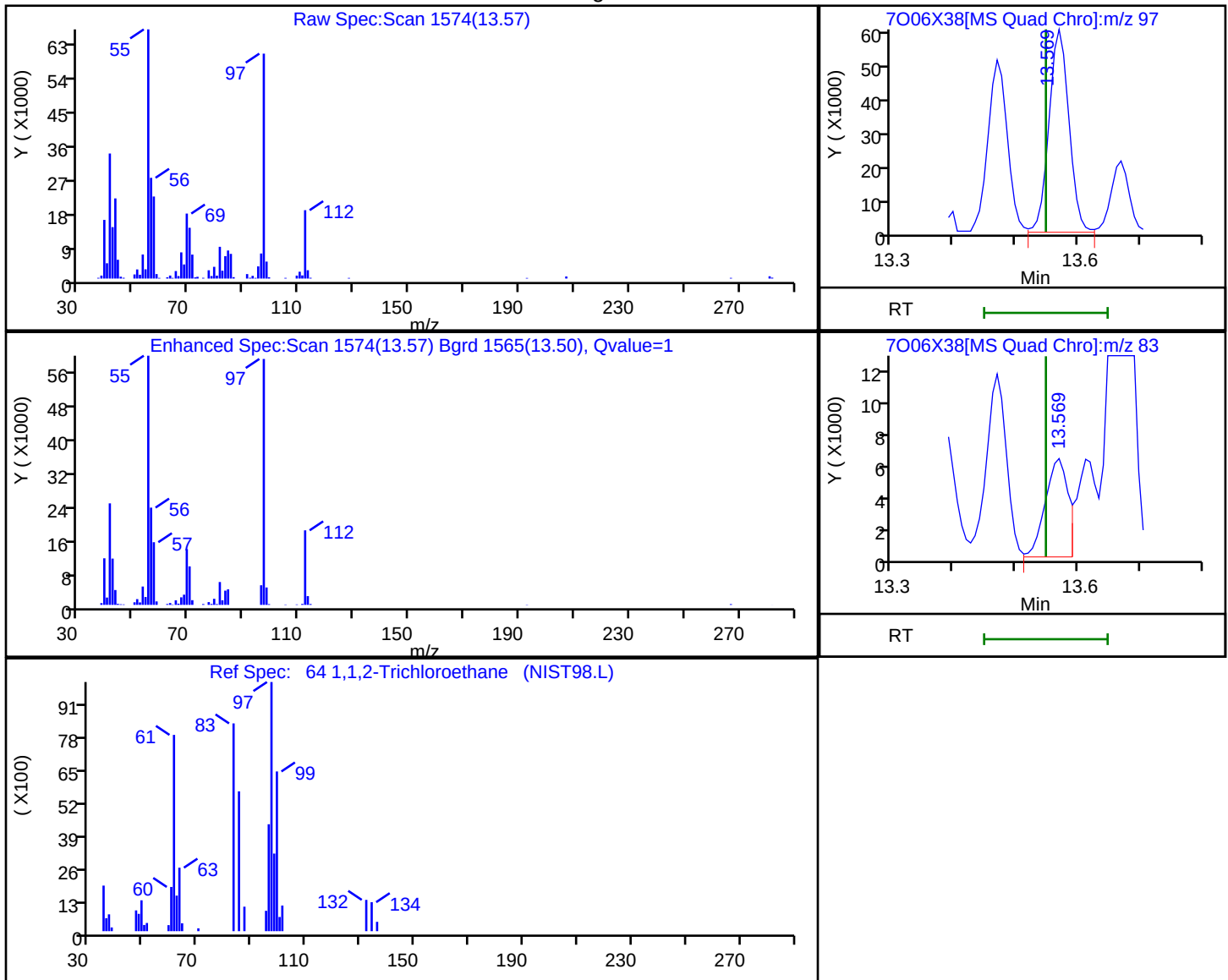
124 Butane, CAS: 106-97-8

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D
Injection Date: 07-Oct-2025 11:46:03 Instrument ID: HP8R004
Lims ID: 460-336049-A-2 Lab Sample ID: 410-336049-2
Client ID: SV-04_20250930
Operator ID: sn105465 ALS Bottle#: 17 Worklist Smp#: 36
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

64 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
13.57	97.00	134437	2.908638
13.57	83.00	14578	

Reviewer: D7UM, 07-Oct-2025 13:29:26 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17 Worklist Smp#: 36

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

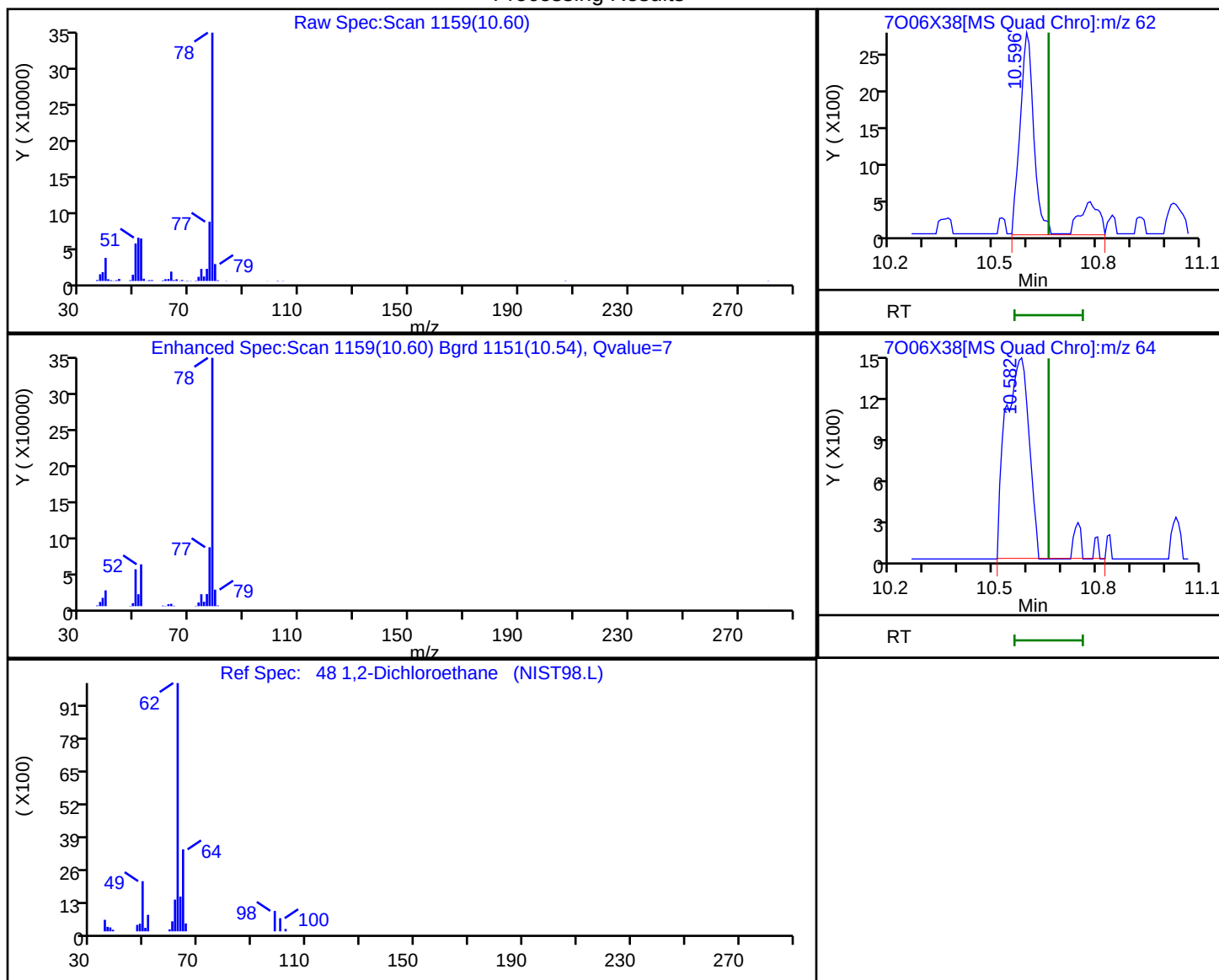
Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

48 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
10.60	62.00	9097	0.166151
10.58	64.00	7511	

Reviewer: D7UM, 07-Oct-2025 13:30:27 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#:

17

Worklist Smp#: 36

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

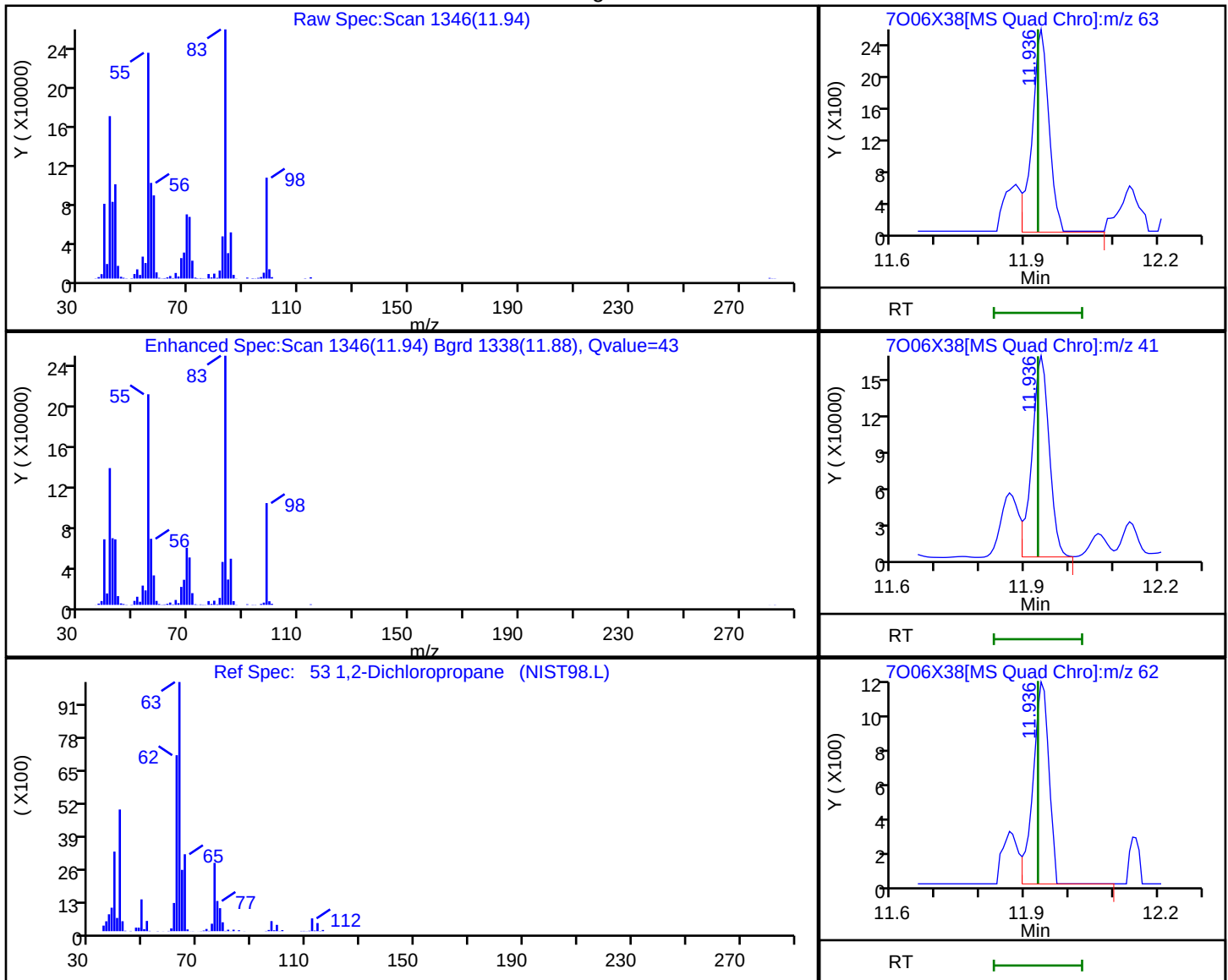
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

53 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
11.94	63.00	6597	0.133496
11.94	41.00	442859	
11.94	62.00	2846	

Reviewer: D7UM, 07-Oct-2025 13:30:22 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

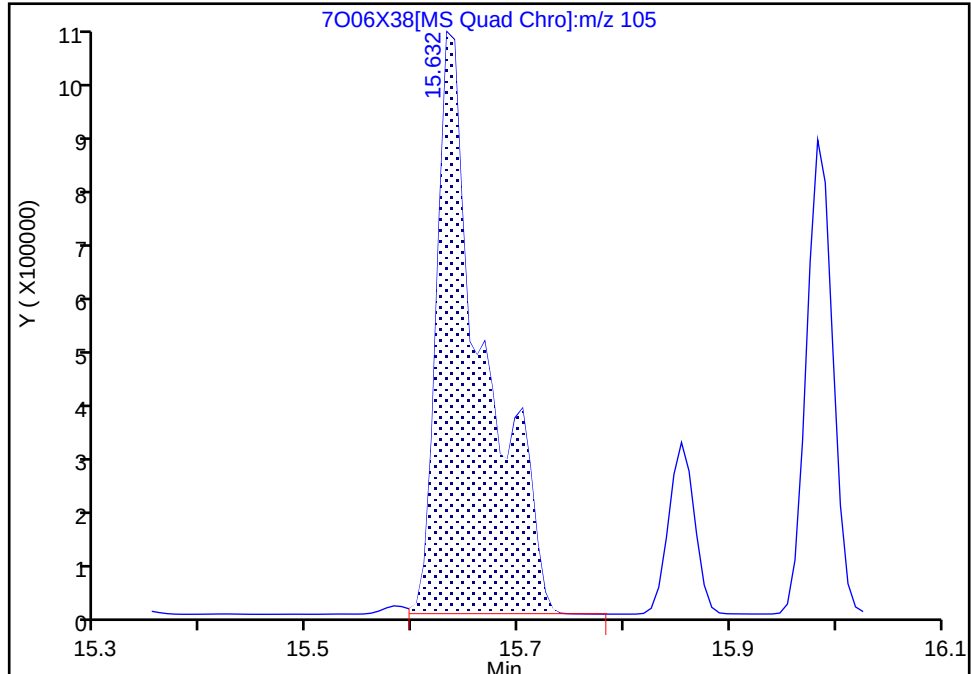
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D
Injection Date: 07-Oct-2025 11:46:03 Instrument ID: HP8R004
Lims ID: 460-336049-A-2 Lab Sample ID: 410-336049-2
Client ID: SV-04_20250930
Operator ID: sn105465 ALS Bottle#: 17 Worklist Smp#: 36
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

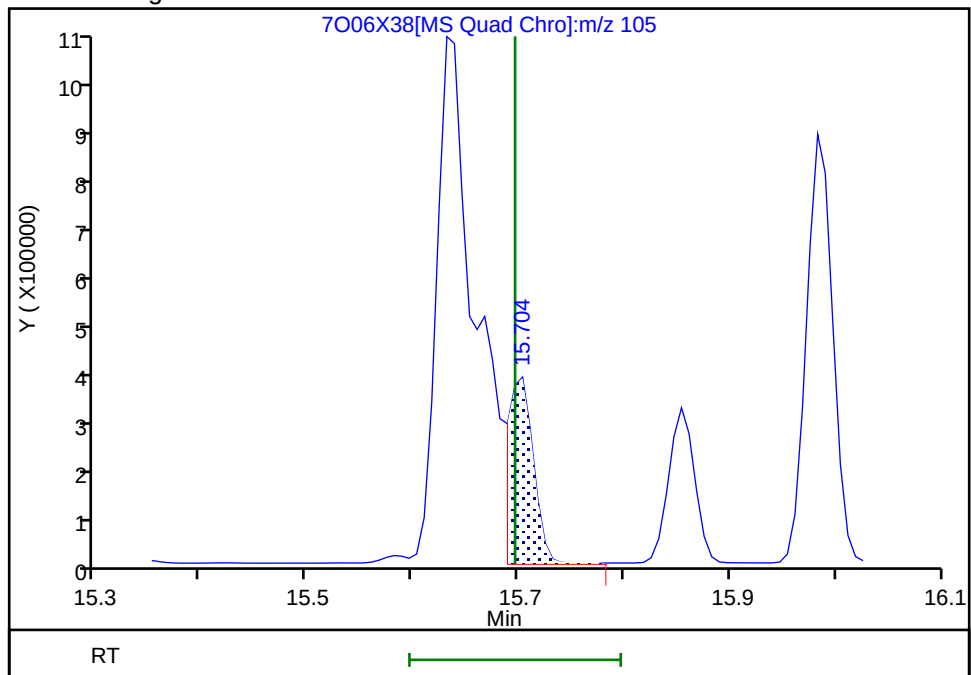
RT: 15.63
Area: 3313379
Amount: 26.986470
Amount Units: ppb v/v

Processing Integration Results



RT: 15.70
Area: 576449
Amount: 4.695003
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 07-Oct-2025 13:28:49 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#:

17

Worklist Smp#: 36

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

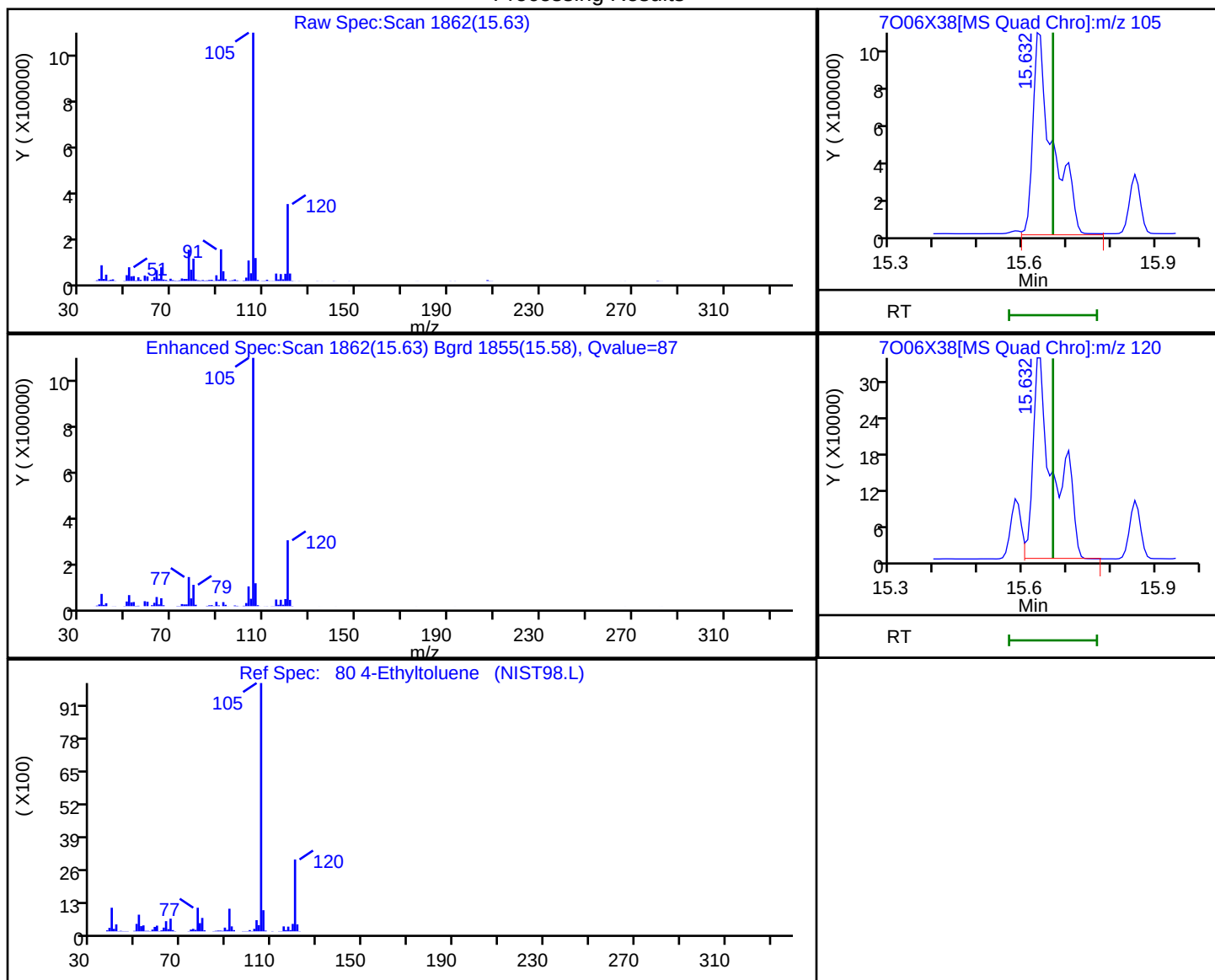
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

80 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
15.63	105.00	3313379	21.603771
15.63	120.00	1119208	

Reviewer: D7UM, 07-Oct-2025 13:28:53 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

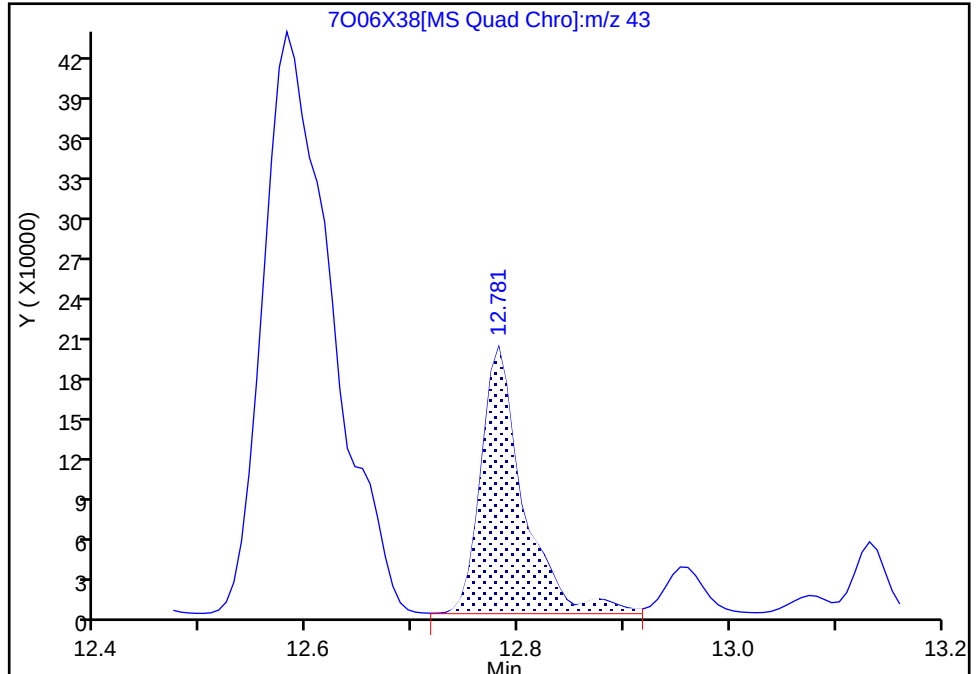
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D
Injection Date: 07-Oct-2025 11:46:03 Instrument ID: HP8R004
Lims ID: 460-336049-A-2 Lab Sample ID: 410-336049-2
Client ID: SV-04_20250930
Operator ID: sn105465 ALS Bottle#: 17 Worklist Smp#: 36
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

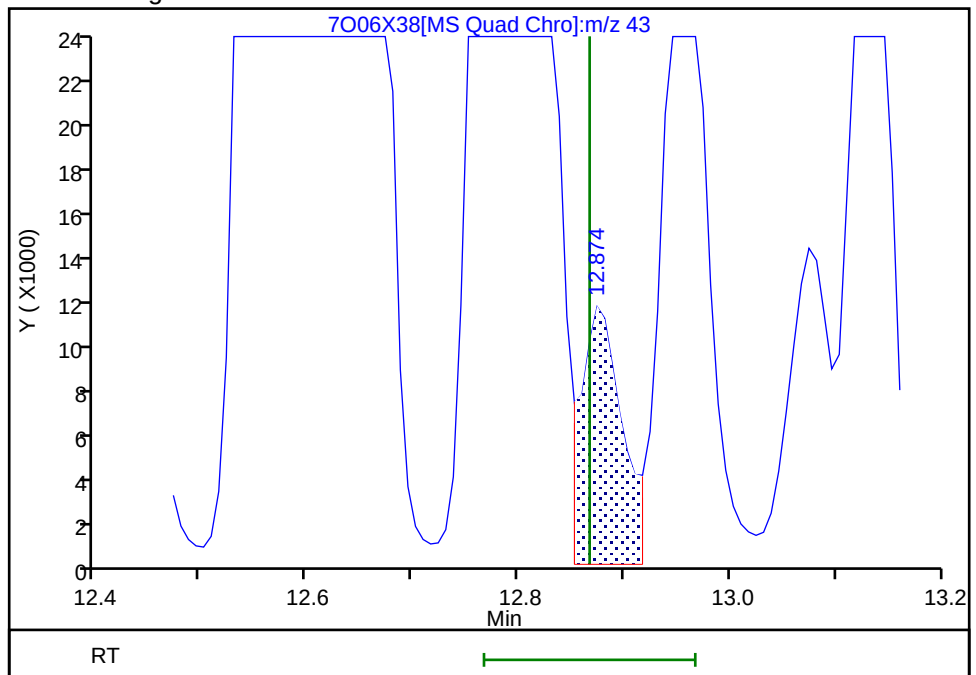
RT: 12.78
Area: 554933
Amount: 6.067953
Amount Units: ppb v/v

Processing Integration Results



RT: 12.87
Area: 29775
Amount: 0.325577
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 07-Oct-2025 13:29:38 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

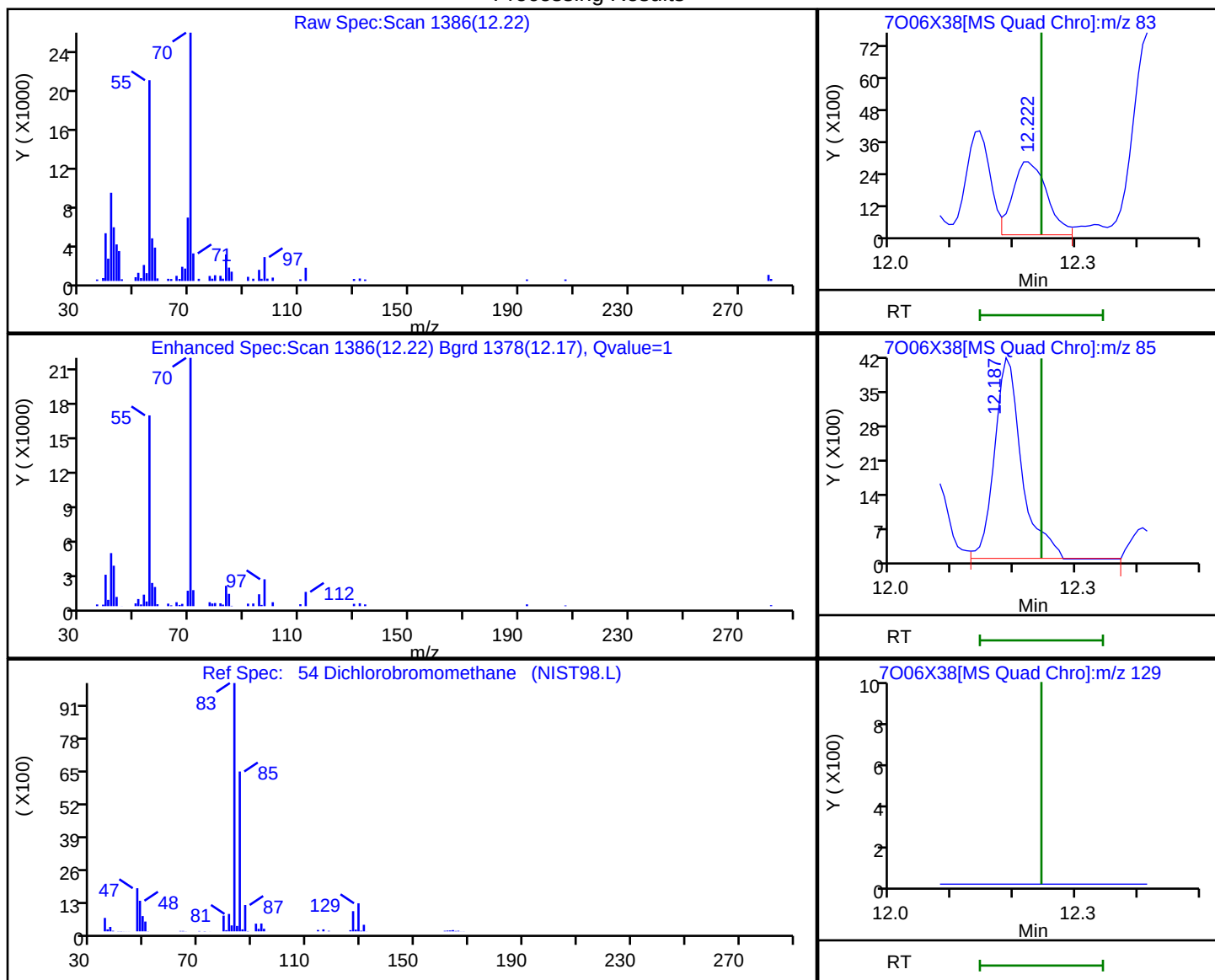
Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D
Injection Date: 07-Oct-2025 11:46:03 Instrument ID: HP8R004
Lims ID: 460-336049-A-2 Lab Sample ID: 410-336049-2
Client ID: SV-04_20250930
Operator ID: sn105465 ALS Bottle#: 17 Worklist Smp#: 36
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

54 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
12.22	83.00	10354	0.119653
12.19	85.00	12782	
12.24	129.00	0	

Reviewer: D7UM, 07-Oct-2025 13:30:16 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17 Worklist Smp#: 36

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

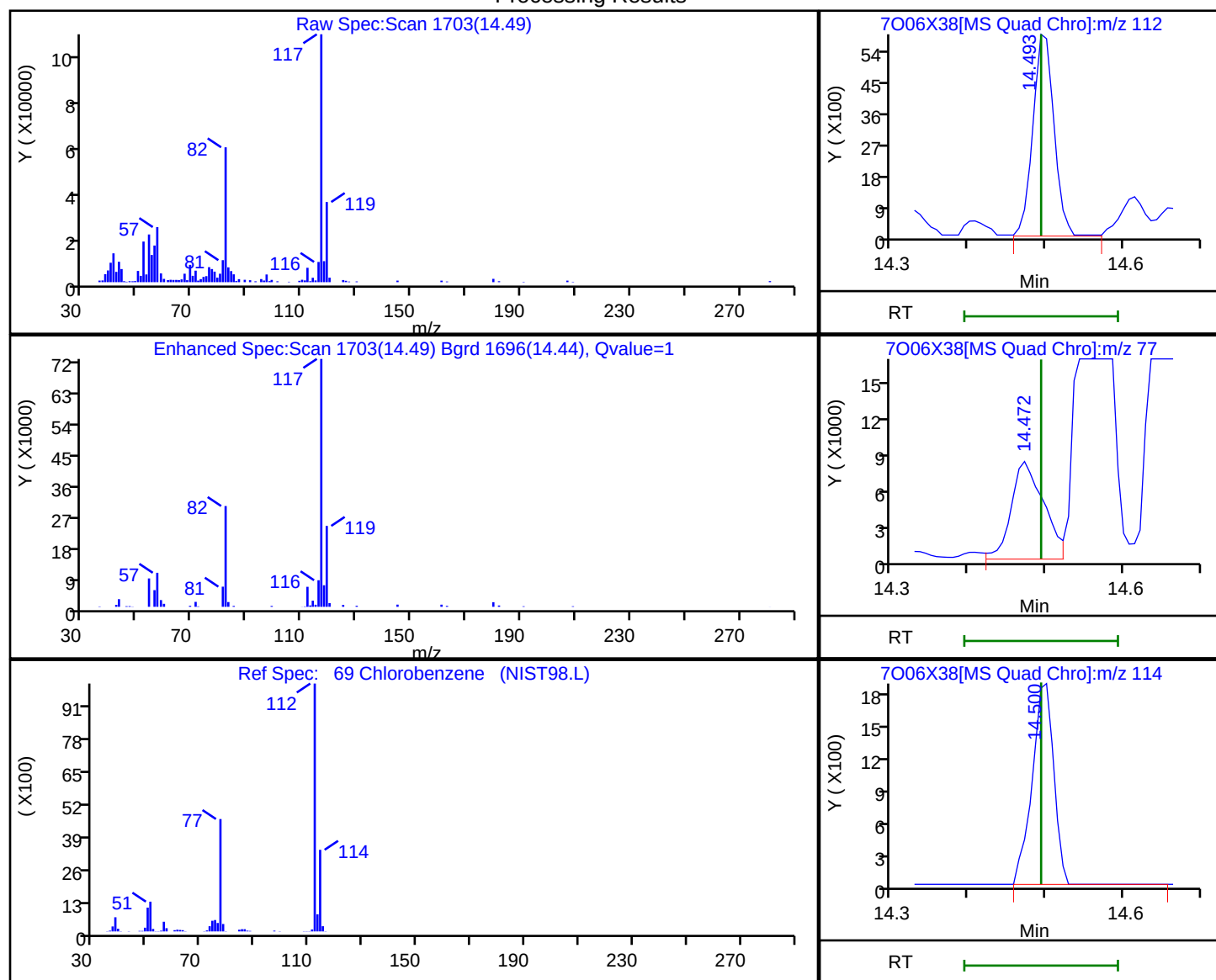
Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

69 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
14.49	112.00	10992	0.105455
14.47	77.00	22620	
14.50	114.00	3558	

Reviewer: D7UM, 07-Oct-2025 13:29:06 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#:

17

Worklist Smp#: 36

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

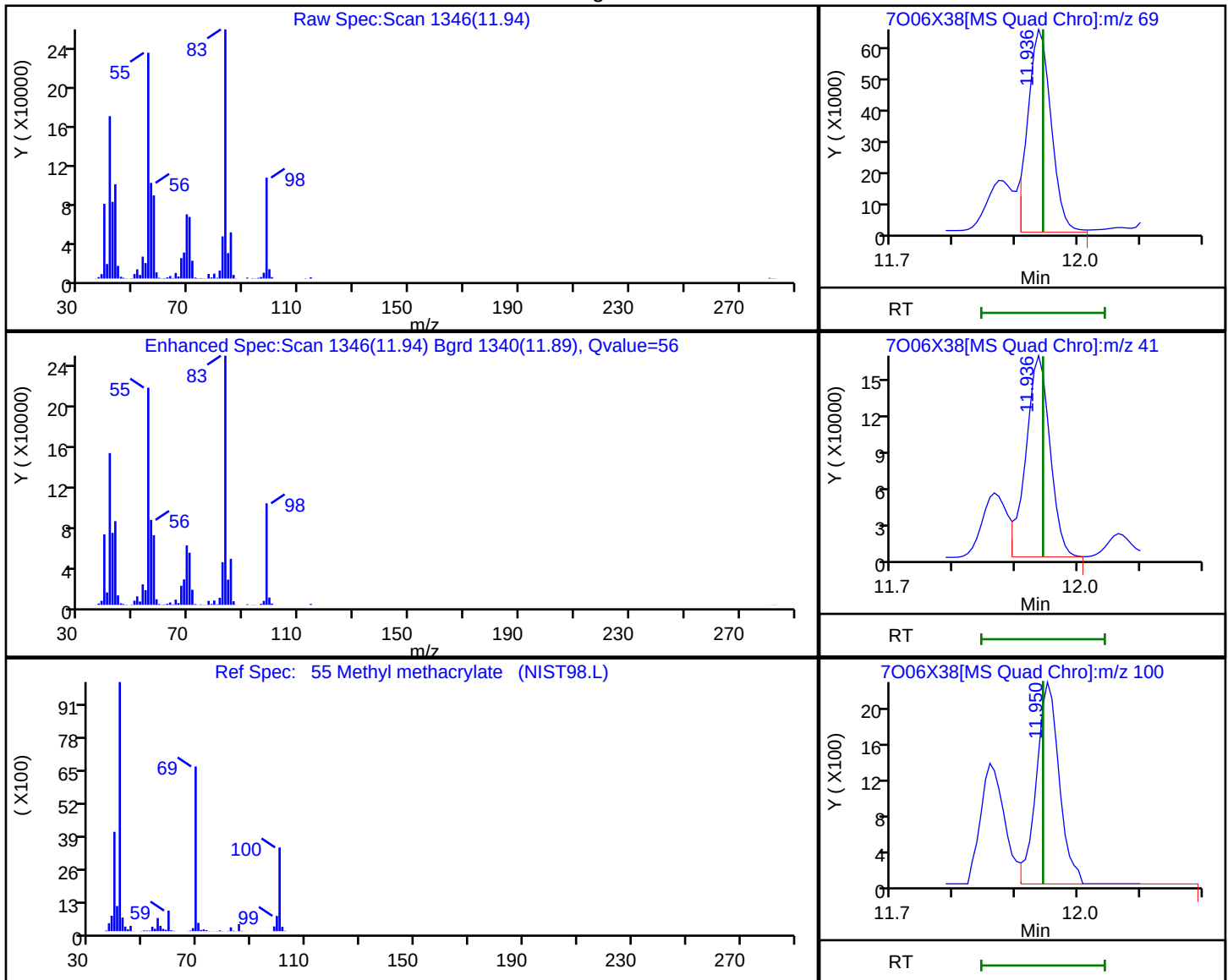
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

55 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
11.94	69.00	165799	4.420660
11.94	41.00	442859	
11.95	100.00	5744	

Reviewer: D7UM, 07-Oct-2025 13:30:20 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#:

17

Worklist Smp#: 36

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

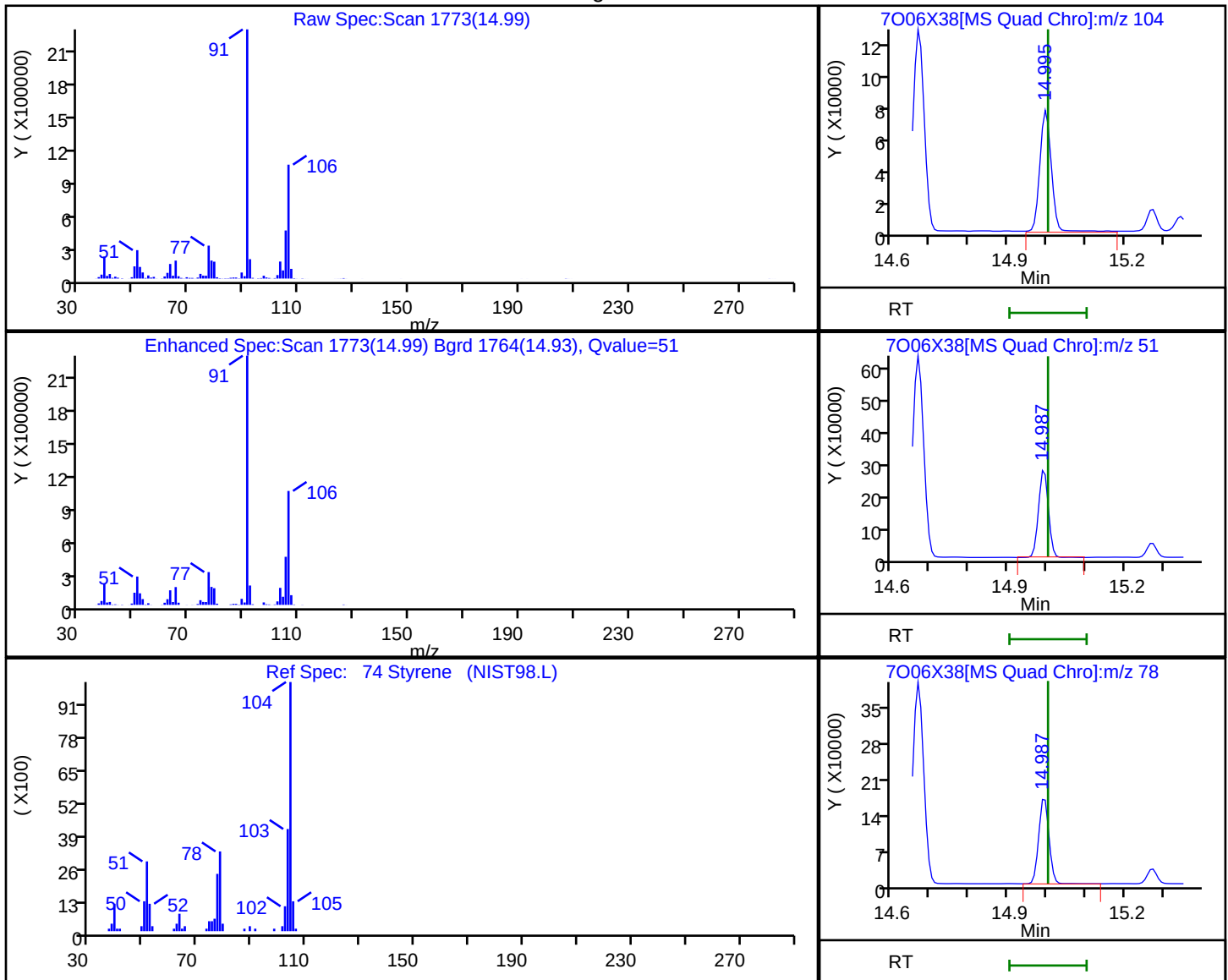
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

74 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
14.99	104.00	152123	1.708122
14.99	51.00	494767	
14.99	78.00	314068	
14.99	103.00	291903	
14.99	106.00	1905323	

Reviewer: D7UM, 07-Oct-2025 13:28:59 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#: 17 Worklist Smp#: 36

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

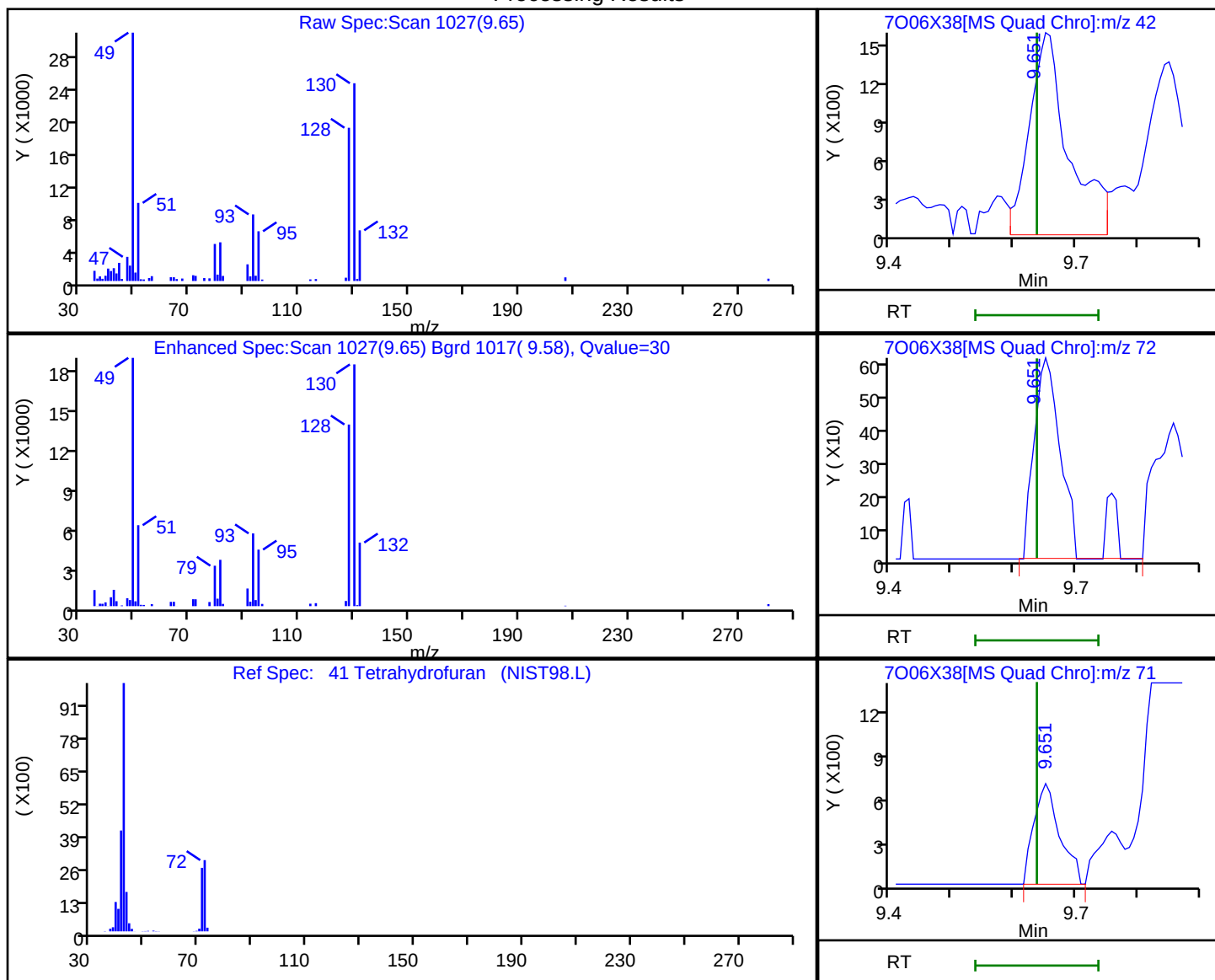
Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

41 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.65	42.00	6705	0.142739
9.65	72.00	2050	
9.65	71.00	2036	

Reviewer: D7UM, 07-Oct-2025 13:30:36 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

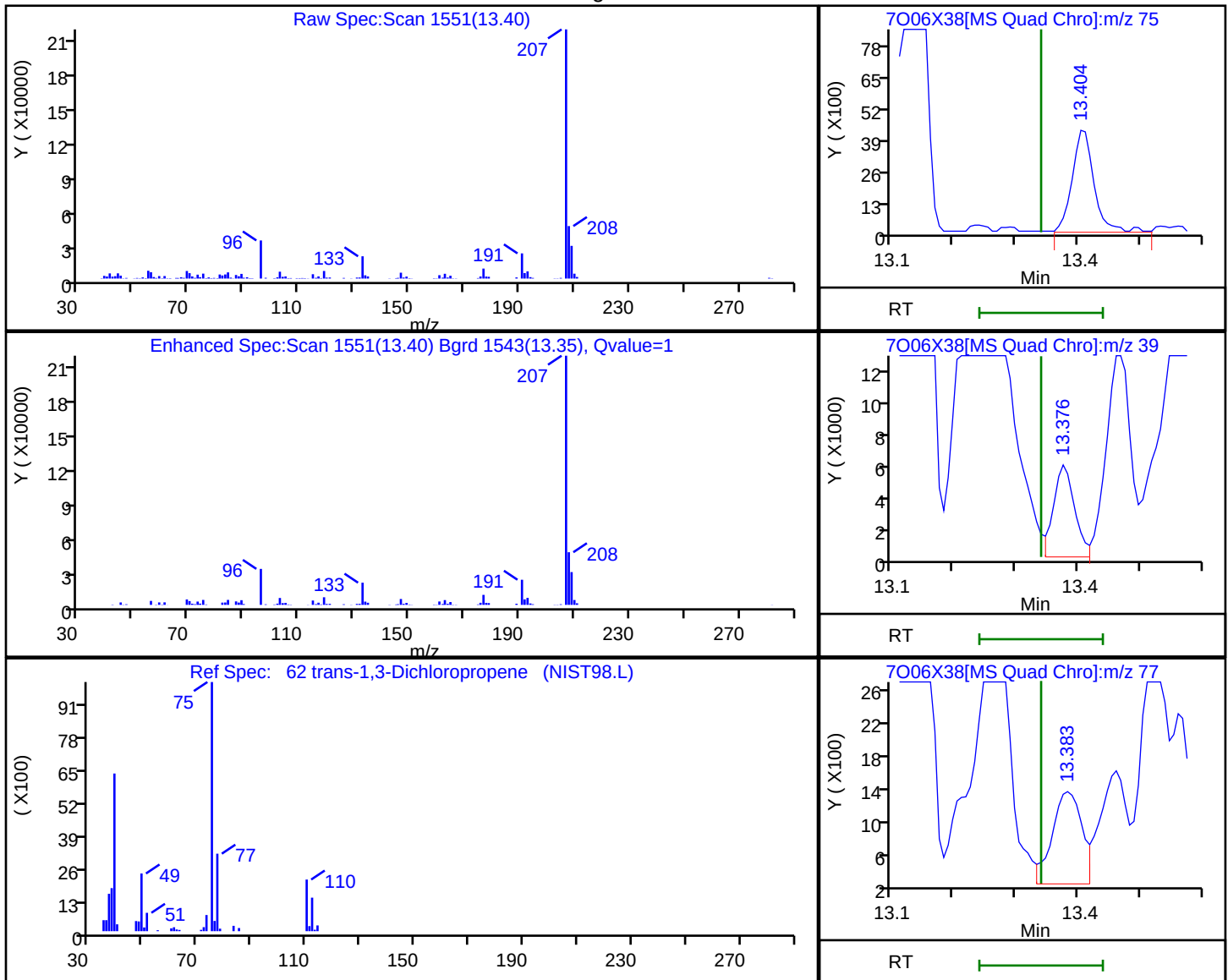
Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D
Injection Date: 07-Oct-2025 11:46:03 Instrument ID: HP8R004
Lims ID: 460-336049-A-2 Lab Sample ID: 410-336049-2
Client ID: SV-04_20250930
Operator ID: sn105465 ALS Bottle#: 17 Worklist Smp#: 36
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

62 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
13.40	75.00	10135	0.183622
13.38	39.00	11945	
13.38	77.00	3692	

Reviewer: D7UM, 07-Oct-2025 13:29:29 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

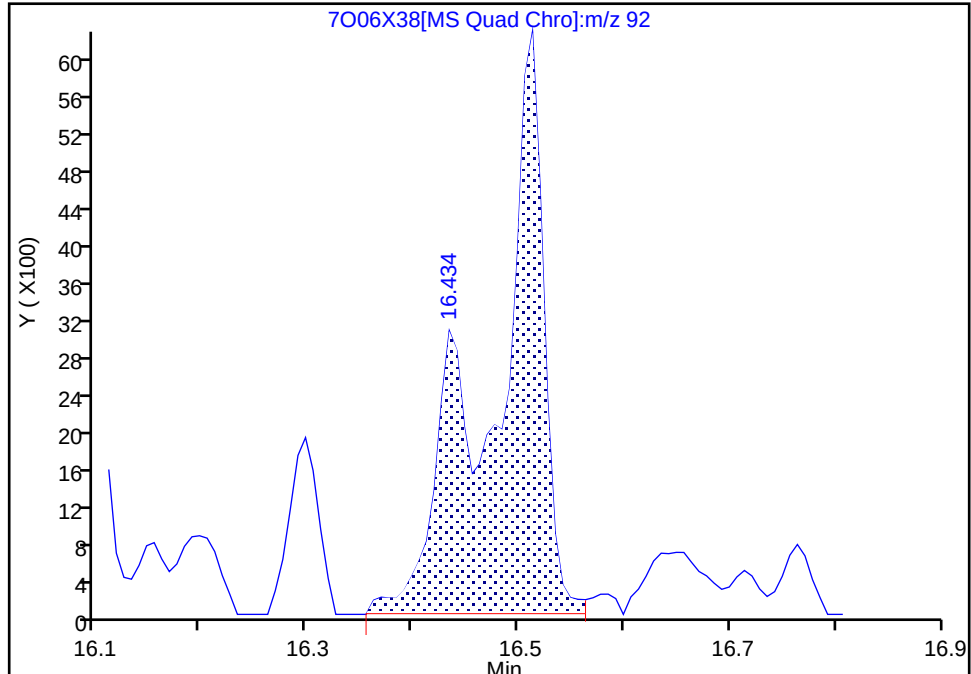
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D
Injection Date: 07-Oct-2025 11:46:03 Instrument ID: HP8R004
Lims ID: 460-336049-A-2 Lab Sample ID: 410-336049-2
Client ID: SV-04_20250930
Operator ID: sn105465 ALS Bottle#: 17 Worklist Smp#: 36
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

91 n-Butylbenzene, CAS: 104-51-8

Signal: 1

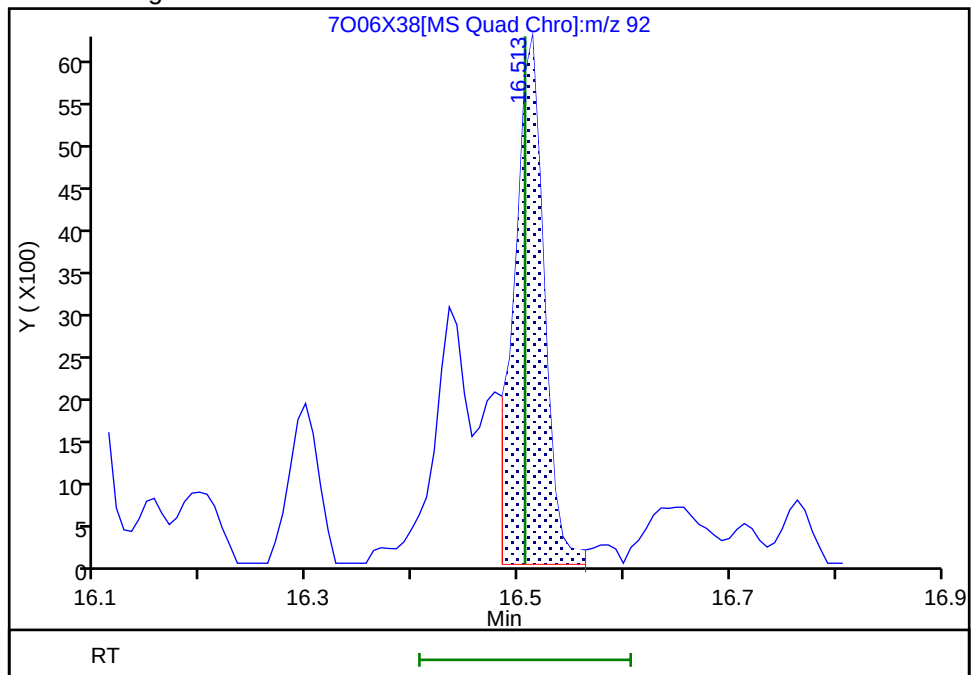
RT: 16.43
Area: 21617
Amount: 0.271149
Amount Units: ppb v/v

Processing Integration Results



RT: 16.51
Area: 12002
Amount: 0.150545
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 07-Oct-2025 13:28:23 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D

Injection Date: 07-Oct-2025 11:46:03

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: sn105465

ALS Bottle#:

17

Worklist Smp#: 36

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

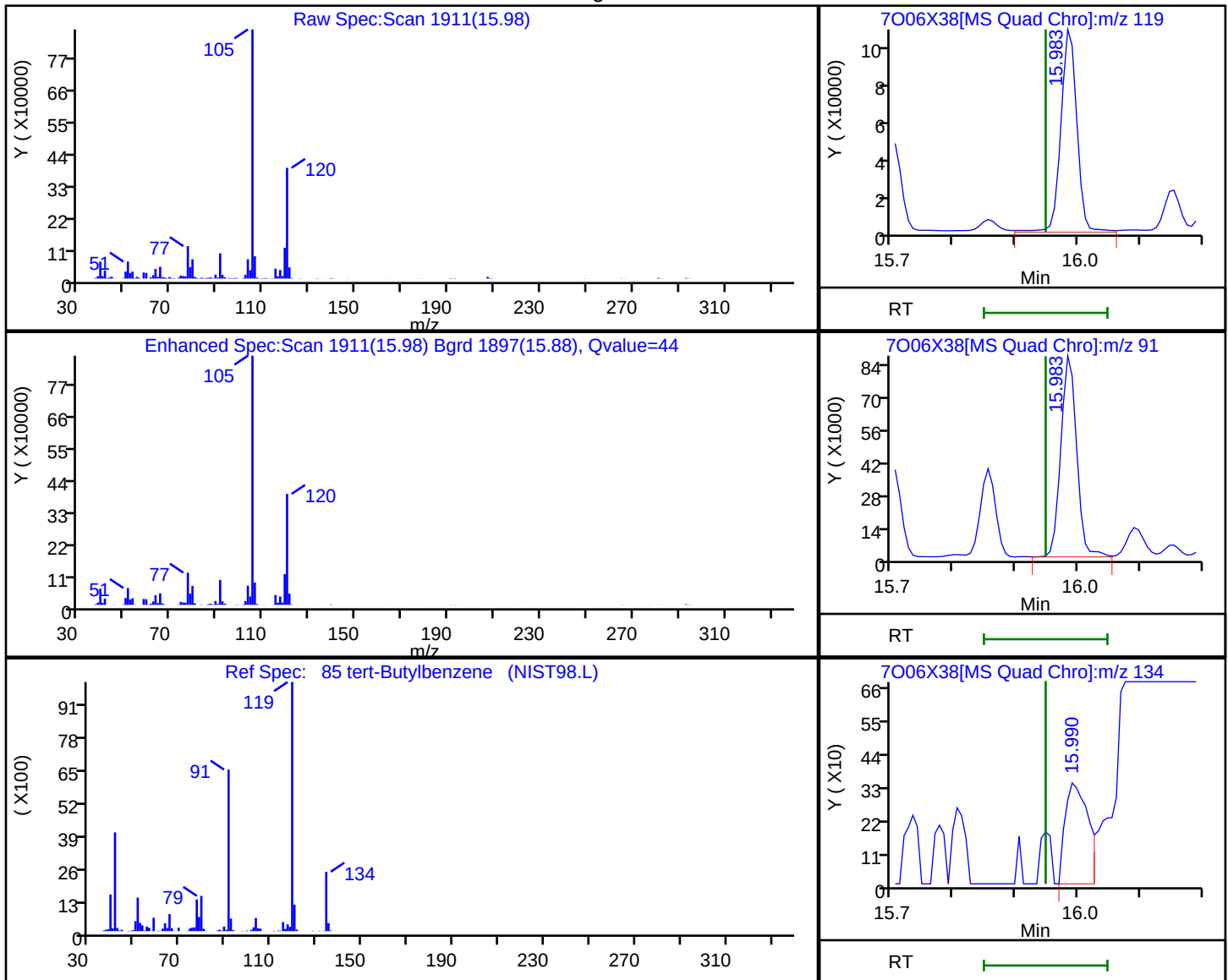
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

85 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
15.98	119.00	188656	1.542328
15.98	91.00	157297	
15.99	134.00	838	

Reviewer: D7UM, 07-Oct-2025 13:28:44 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

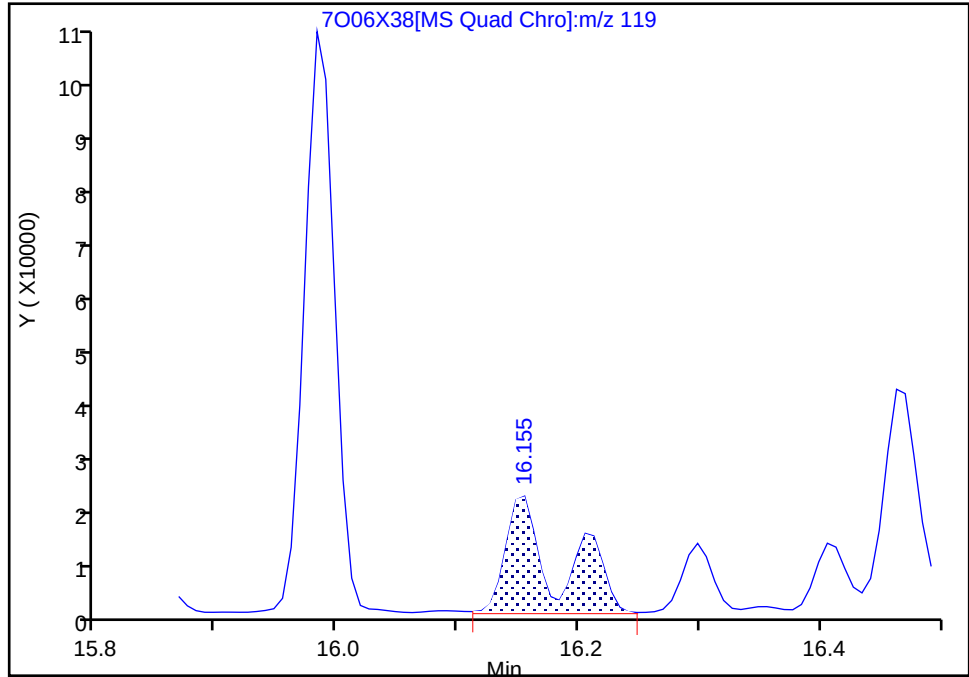
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D
Injection Date: 07-Oct-2025 11:46:03 Instrument ID: HP8R004
Lims ID: 460-336049-A-2 Lab Sample ID: 410-336049-2
Client ID: SV-04_20250930
Operator ID: sn105465 ALS Bottle#: 17 Worklist Smp#: 36
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

88 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

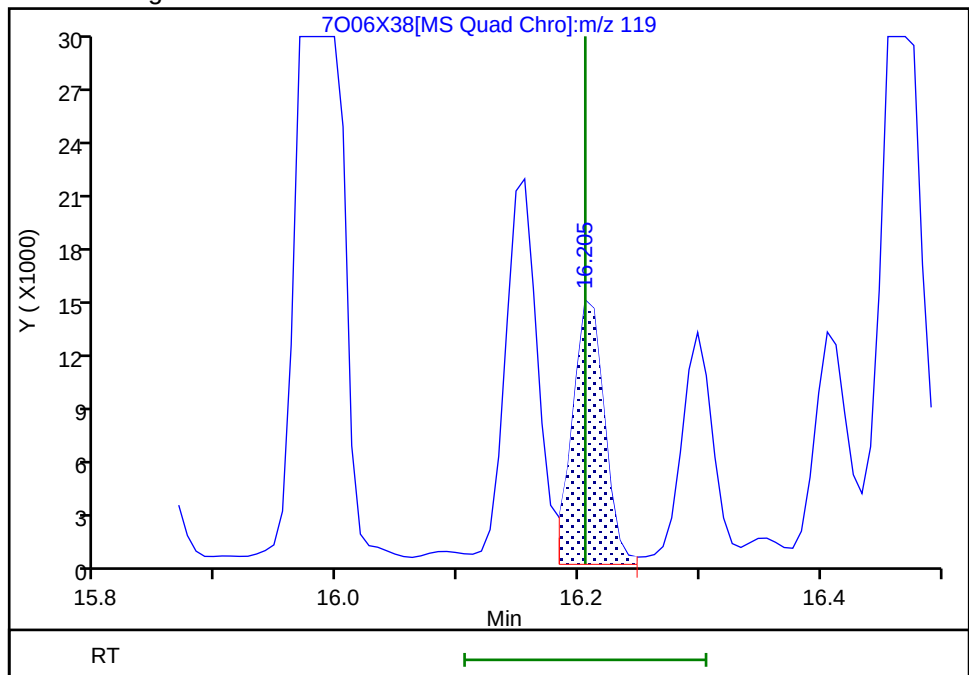
RT: 16.16
Area: 67029
Amount: 0.453849
Amount Units: ppb v/v

Processing Integration Results



RT: 16.21
Area: 26815
Amount: 0.181563
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 07-Oct-2025 13:28:37 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

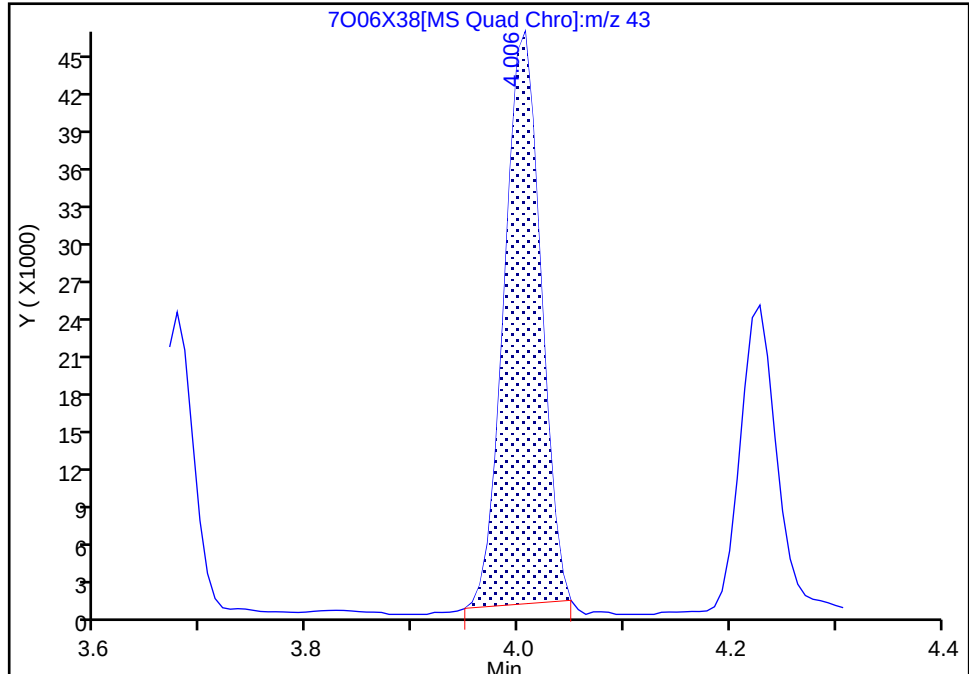
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X38.D
Injection Date: 07-Oct-2025 11:46:03 Instrument ID: HP8R004
Lims ID: 460-336049-A-2 Lab Sample ID: 410-336049-2
Client ID: SV-04_20250930
Operator ID: sn105465 ALS Bottle#: 17 Worklist Smp#: 36
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

124 Butane, CAS: 106-97-8

Signal: 1

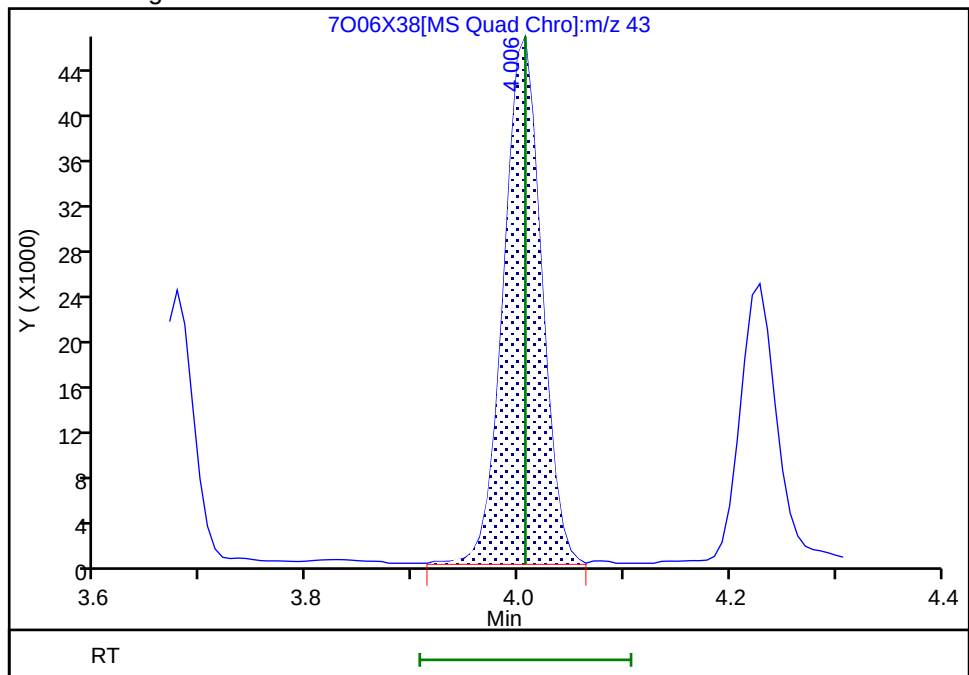
RT: 4.01
Area: 109305
Amount: 1.853068
Amount Units: ppb v/v

Processing Integration Results



RT: 4.01
Area: 114941
Amount: 1.948616
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 07-Oct-2025 13:31:12 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM I

Job No.: 460-336014-1

Client Sample ID: SV-04 20250930 DL

Lab Sample ID: 460-336049-2 DL

Lab File ID: 7007X07.D

Date Collected: 09/30/2025 15:18

Date Analyzed: 10/07/2025 17:03

Dilution Factor: 4

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Heated Purge: (Y/N) pH:

Level: (low/med) Low

Units: $\mu\text{g}/\text{m}^3$

Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
67-64-1	Acetone	58.08	180	D	48	15
127-18-4	Tetrachloroethene	165.83	600	D	5.4	0.57
108-88-3	Toluene	92.14	290	D	3.0	0.63

FORM I

Job No.: 460-336014-1

Client Sample ID: SV-04 20250930 DL

Lab Sample ID: 460-336049-2 DL

Lab File ID: 7007X07.D

Date Collected: 09/30/2025 15:18

Date Analyzed: 10/07/2025 17:03

Dilution Factor: 4

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Heated Purge: (Y/N) pH:

Level: (low/med) Low

Units: ppb v/v

Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
67-64-1	Acetone	58.08	75	D	20	6.4
127-18-4	Tetrachloroethene	165.83	89	D	0.80	0.084
108-88-3	Toluene	92.14	78	D	0.80	0.17

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X07.D
 Lims ID: 460-336049-A-2
 Client ID: SV-04_20250930
 Sample Type: Client
 Inject. Date: 07-Oct-2025 17:03:02 ALS Bottle#: 6 Worklist Smp#: 8
 Purge Vol: 200.000 mL Dil. Factor: 4.0000
 Sample Info: 460-336049-A-2
 Misc. Info.: 410-0162271-008
 Operator ID: al109694 Instrument ID: HP8R004
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 08-Oct-2025 03:14:38 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1696

First Level Reviewer: D7UM

Date: 08-Oct-2025 07:45:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.398	3.376	0.022	77	8475	0.1135	
3 Chlorodifluoromethane	51	3.426	3.412	0.014	40	4375	0.1035	
124 Butane	43	4.021	4.006	0.015	0	34515	0.6876	M
9 Chloroethane	64	4.923	4.916	0.007	1	1746	0.1062	
12 Trichlorofluoromethane	101	5.418	5.410	0.008	83	82908	1.22	
23 Acetone	43	6.377	6.377	0.000	100	911615	18.8	
20 Isopropyl alcohol	45	6.607	6.592	0.015	61	10791	0.3001	
17 Carbon disulfide	76	6.764	6.757	0.007	98	28040	0.2880	
27 2-Methyl-2-propanol	59	7.301	7.294	0.007	27	6935	0.2326	
24 trans-1,2-Dichloroethene	61	7.667	7.660	0.007	44	10640	0.2174	
25 Hexane	56	8.111	8.111	0.000	95	60265	2.39	
43 2-Butanone (MEK)	72	9.185	9.178	0.007	86	14011	1.01	
34 cis-1,2-Dichloroethene	61	9.243	9.243	0.000	78	15728	0.2832	
* 35 Chlorobromomethane (IS)	130	9.615	9.615	0.000	94	326915	10.0	
37 Chloroform	83	9.758	9.758	0.000	30	8790	0.1314	
42 1,1,1-Trichloroethane	97	10.052	10.052	0.000	42	15170	0.2570	
36 Cyclohexane	56	10.195	10.188	0.007	91	85118	1.82	
46 Benzene	78	10.596	10.596	0.000	97	208883	2.06	
44 Isooctane	57	10.776	10.776	0.001	96	453018	2.92	
45 n-Heptane	71	11.026	11.026	0.000	95	93162	3.04	
* 50 1,4-Difluorobenzene	114	11.220	11.220	0.000	95	1253898	10.0	
49 Trichloroethene	130	11.585	11.585	0.000	96	154058	3.82	
55 Methyl methacrylate	69	11.936	11.943	-0.007	58	47502	1.48	
60 4-Methyl-2-pentanone (MIBK)	43	12.774	12.867	-0.093	61	109138	1.40	
59 Toluene	91	13.132	13.139	0.000	95	2306709	19.6	
64 1,1,2-Trichloroethane	97	13.562	13.554	0.014	1	28382	0.7171	
61 Tetrachloroethene	166	13.669	13.676	0.000	96	1130888	22.3	
67 2-Hexanone	43	13.712	13.726	-0.008	52	30090	0.4191	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	83	1144791	10.0	
70 Ethylbenzene	91	14.558	14.565	0.000	98	843910	5.93	
72 m-Xylene & p-Xylene	91	14.665	14.672	0.000	97	2599176	24.6	

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X07.D

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
73 o-Xylene	91	14.987	14.995	0.000	98	927071	8.83	
74 Styrene	104	14.995	15.009	-0.007	51	32289	0.4234	
76 Isopropylbenzene	105	15.267	15.274	0.000	93	165594	1.26	
77 N-Propylbenzene	120	15.582	15.590	0.000	94	37249	1.04	
80 4-Ethyltoluene	105	15.661	15.676	-0.007	1	164197	1.25	M
82 1,3,5-Trimethylbenzene	105	15.697	15.704	0.000	91	148295	1.41	Ma
86 1,2,4-Trimethylbenzene	105	15.983	15.991	0.000	98	328449	2.96	

\$ 110 BFB

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

AIRIS200 ppb_00532

Amount Added: 10.00

Units: mL

Run Reagent

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X07.D

Injection Date: 07-Oct-2025 17:03:02

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: al109694

ALS Bottle#: 6

Worklist Smp#: 8

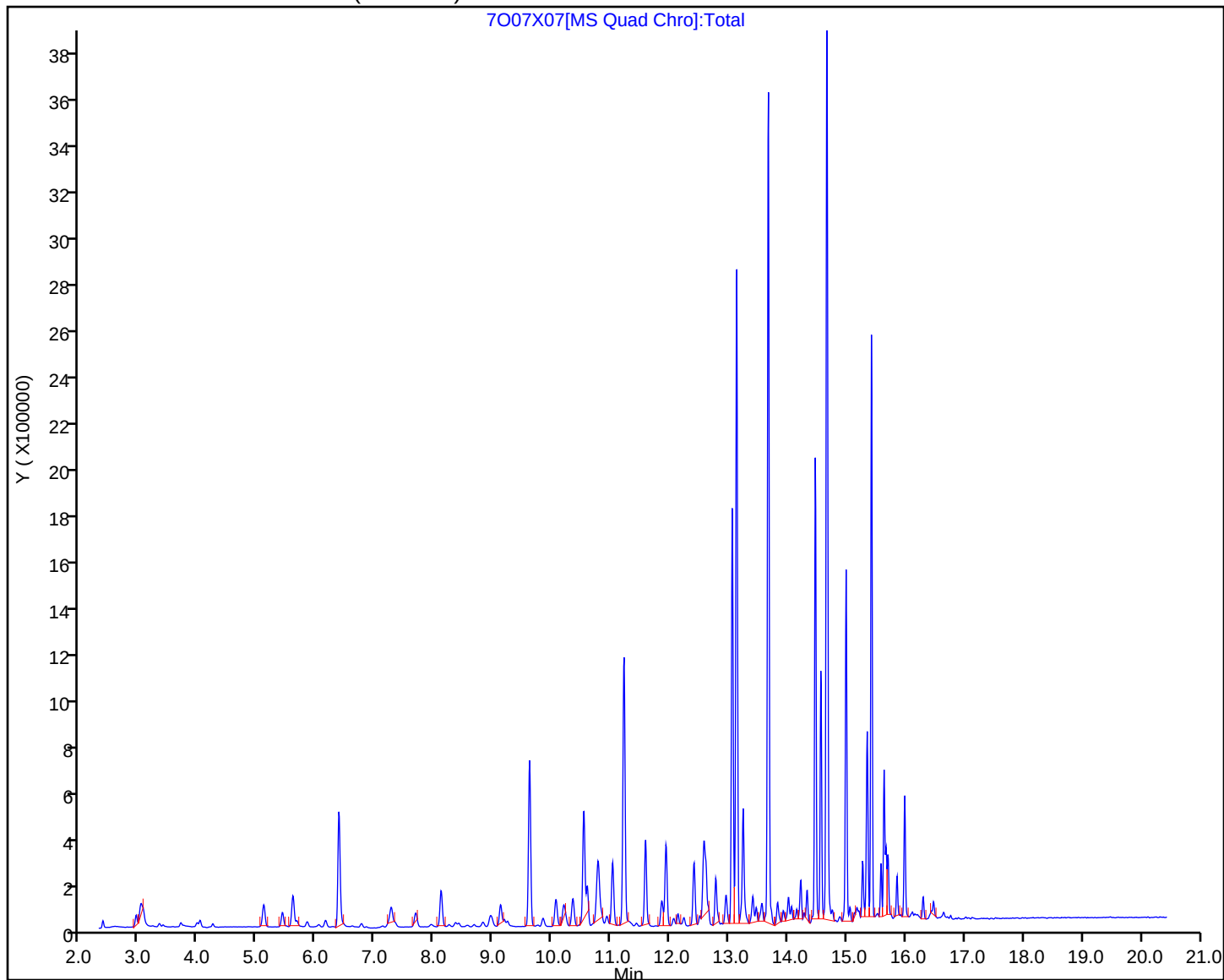
Purge Vol: 200.000 mL

Dil. Factor: 4.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X07.D

Injection Date: 07-Oct-2025 17:03:02

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: al109694

ALS Bottle#: 6

Worklist Smp#: 8

Purge Vol: 200.000 mL

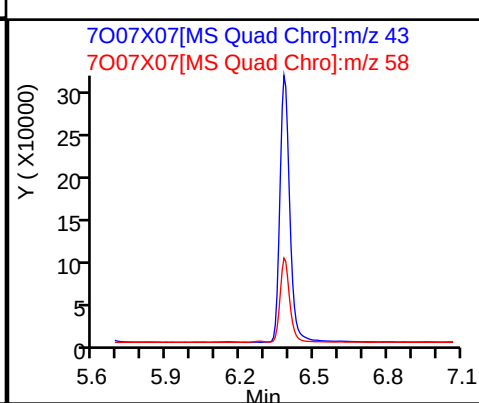
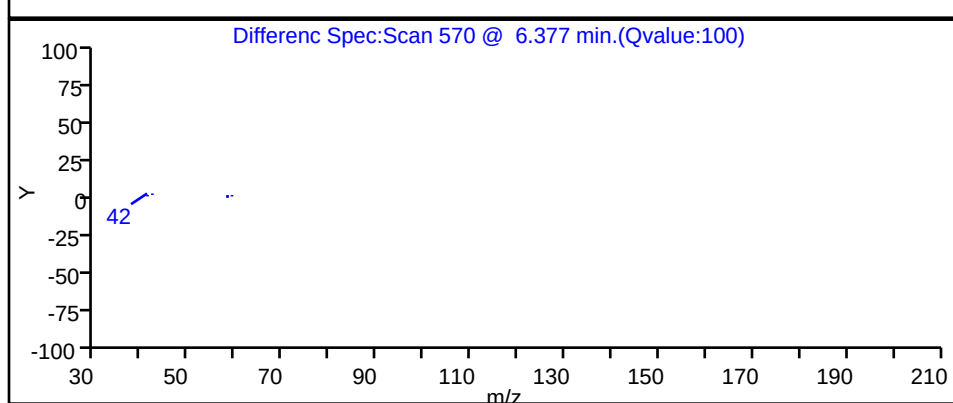
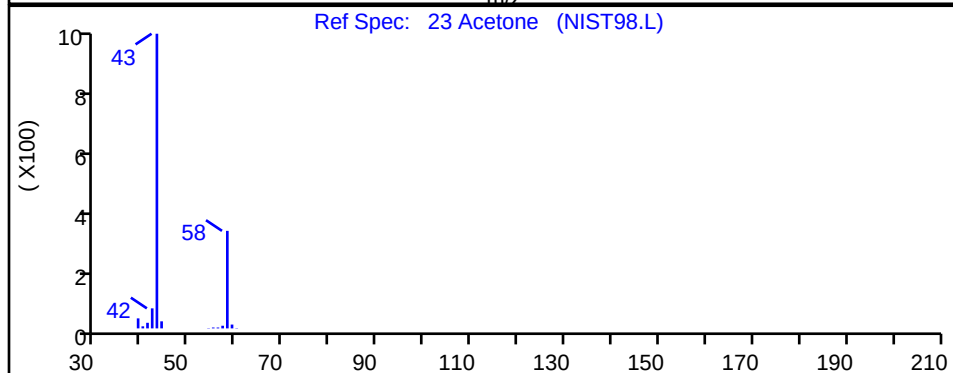
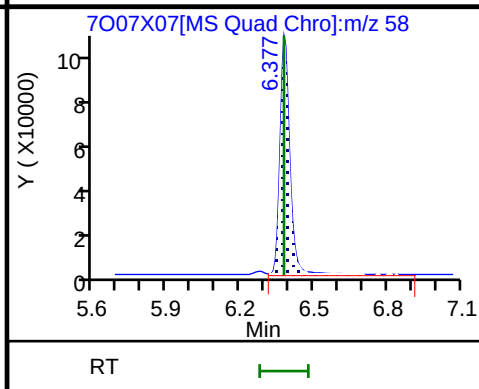
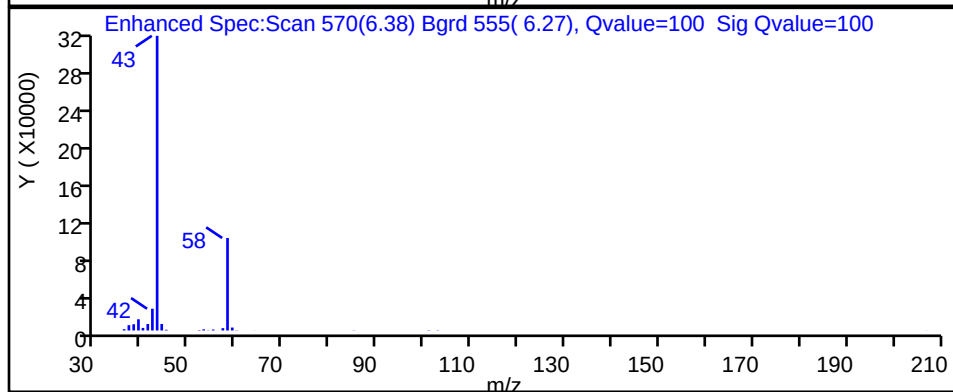
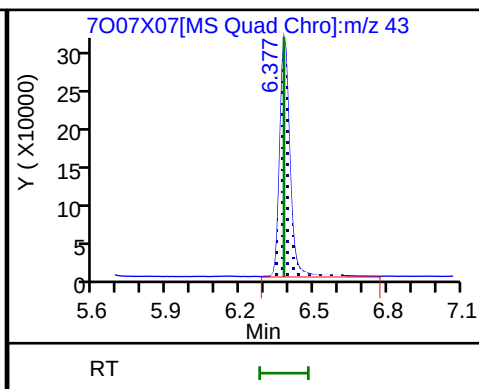
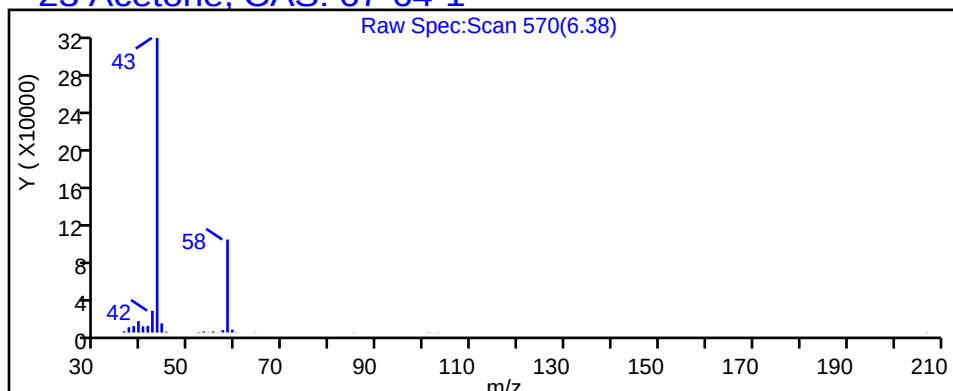
Dil. Factor: 4.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

23 Acetone, CAS: 67-64-1

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X07.D

Injection Date: 07-Oct-2025 17:03:02

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: al109694

ALS Bottle#: 6

Worklist Smp#: 8

Purge Vol: 200.000 mL

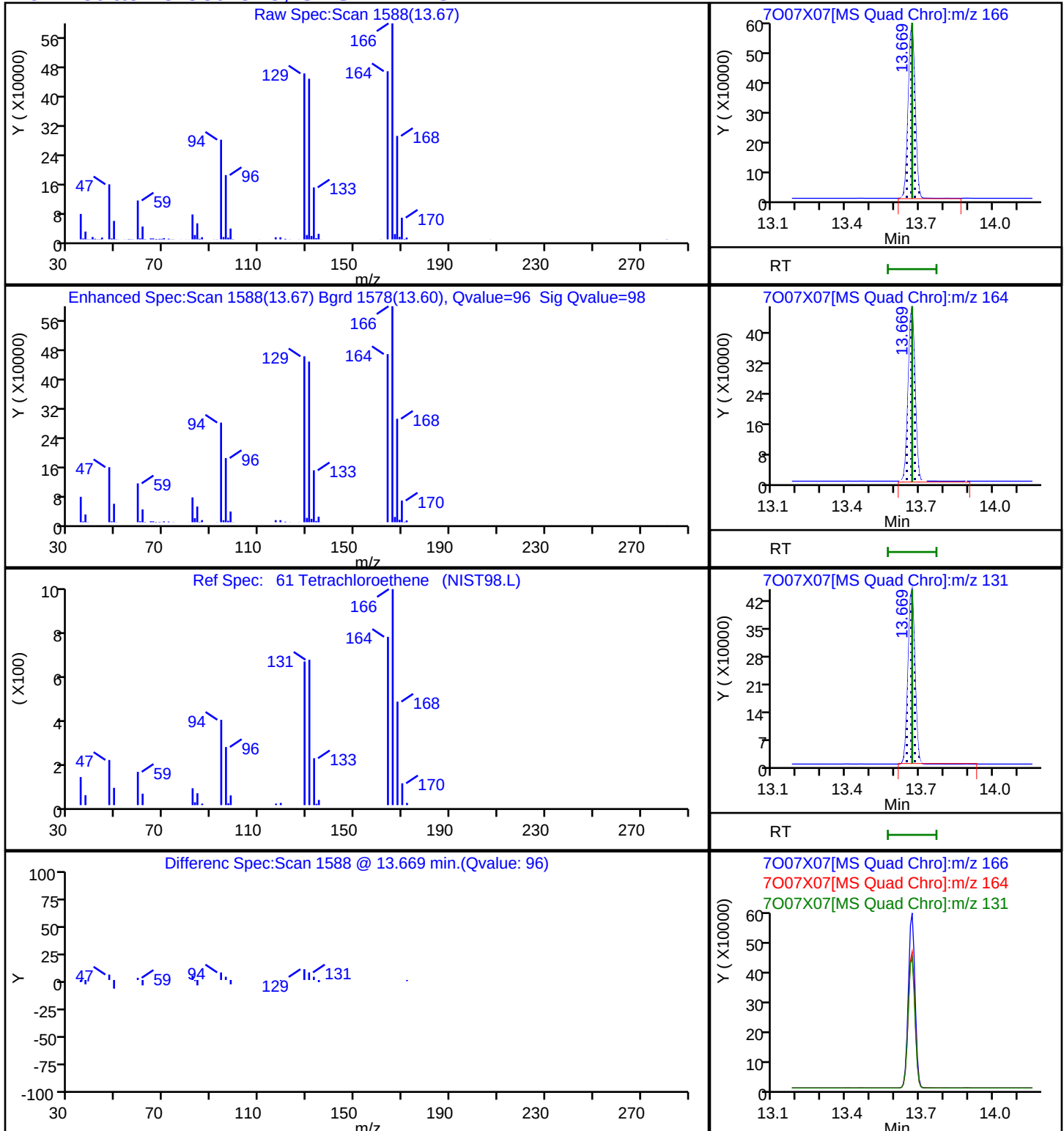
Dil. Factor: 4.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

61 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X07.D

Injection Date: 07-Oct-2025 17:03:02

Instrument ID: HP8R004

Lims ID: 460-336049-A-2

Lab Sample ID: 410-336049-2

Client ID: SV-04_20250930

Operator ID: al109694

ALS Bottle#: 6

Worklist Smp#: 8

Purge Vol: 200.000 mL

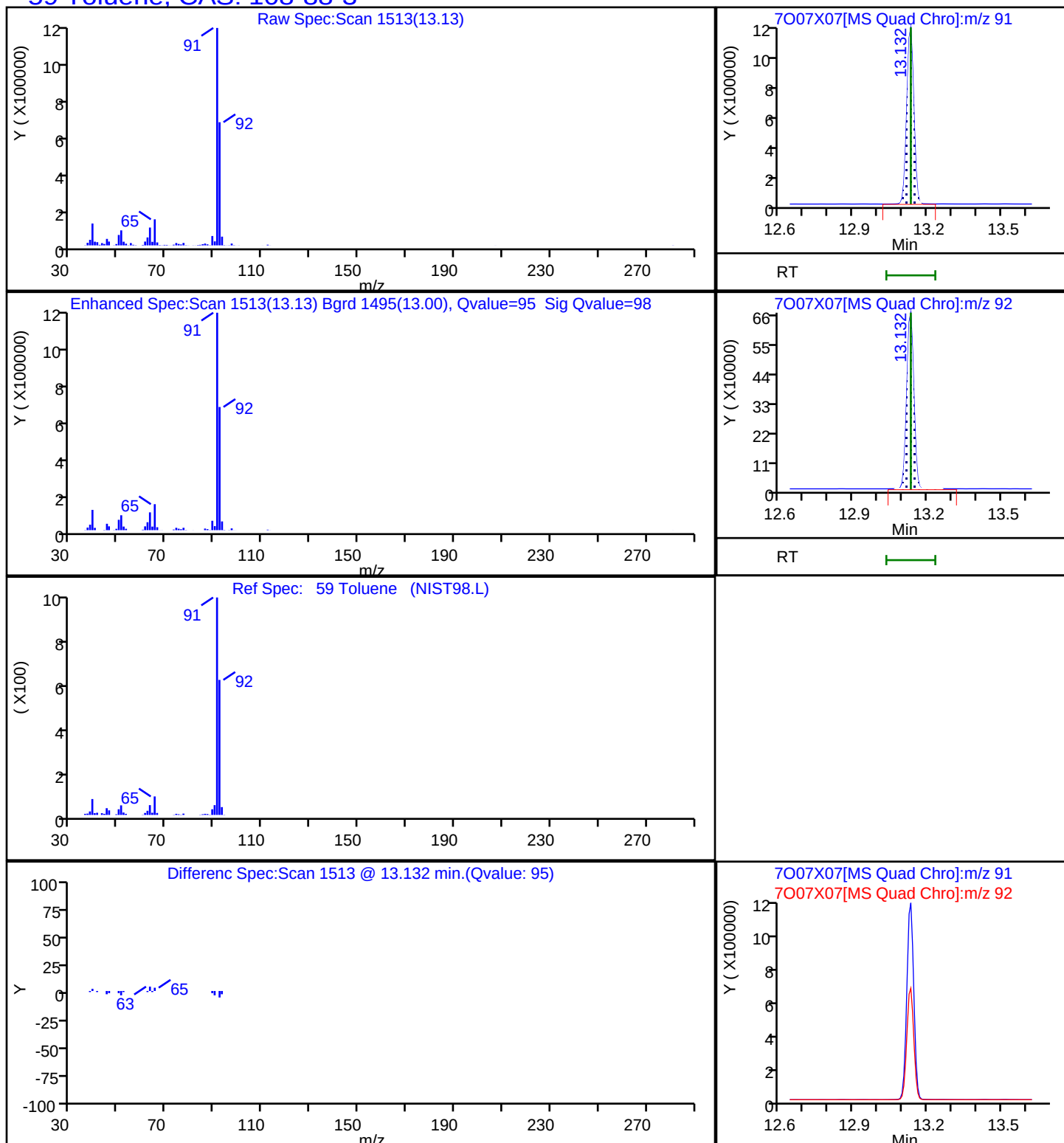
Dil. Factor: 4.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

59 Toluene, CAS: 108-88-3

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1 Analy Batch No.: 695447
Environment Testing, LLC

SDG No.:

Instrument ID: HP8R004 GC Column: Rtx-VMS 60m ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59 Calibration End Date: 09/08/2025 02:41 Calibration ID: 76556

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-695447/3	7S07X03.D
Level 2	IC 410-695447/4	7S07X04.D
Level 3	IC 410-695447/5	7S07X05.D
Level 4	IC 410-695447/6	7S07X06.D
Level 5	IC 410-695447/7	7S07X07.D
Level 6	ICISAV 410-695447/8	7S07X08.D
Level 7	IC 410-695447/9	7S07X09.D
Level 8	IC 410-695447/10	7S07X10.D
Level 9	IC 410-695447/11	7S07X11.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
Dichlorodifluoromethane	2.7276 2.2170	2.1733 2.2685	2.4048 2.2187	2.2574 2.1038	2.1897	Ave		2.284 5				8.1		30.0			
Chlorodifluoromethane	1.1965 1.3450	1.4379 1.3939	1.5327 1.3736	0.9142 1.3331	1.1121	Ave		1.293 2				14.6		30.0			
1,2-Dichlorotetrafluoroethane	1.7321 2.1871	2.0051 2.2659	2.3621 2.2097	1.5174 2.1399	1.8718	Ave		2.032 3				13.6		30.0			
Chloromethane	++++ 0.8359	++++ 0.8418	1.1396 0.8143	0.6180 0.7811	0.6959	Ave		0.818 1				20.0		30.0			
n-Butane	2.2485 1.3299	1.8879 1.3614	1.4950 1.3665	1.4805 1.3017	1.3473	Ave		1.535 4				21.0		30.0			
Vinyl chloride	0.7403 0.8761	0.8665 0.9256	0.9262 0.9035	0.6472 0.8739	0.7364	Ave		0.832 8				12.0		30.0			
1,3-Butadiene	0.5826 0.6334	0.7445 0.6764	0.6240 0.6851	0.6113 0.6618	0.5920	Ave		0.645 7				8.0		30.0			
Bromomethane	++++ 0.6094	0.6213 0.6052	0.6467 0.6308	0.6368 0.6076	0.6053	Ave		0.620 4				2.6		30.0			
Chloroethane	++++ 0.4423	0.6261 0.4625	0.5361 0.4530	0.5509 0.4330	0.5202	Ave		0.503 0				13.3		30.0			
Bromoethene (Vinyl Bromide)	0.9449 0.7513	0.9055 0.7741	0.8529 0.7815	0.7454 0.7572	0.7492	Ave		0.806 9				9.3		30.0			
Trichlorofluoromethane	1.9548 2.1046	2.0802 2.1487	2.1680 2.1195	2.0474 2.0059	2.1026	Ave		2.081 3				3.3		30.0			
1,1-Dichloroethene	1.5889 1.2867	1.6229 1.3426	1.4572 1.3416	1.4063 1.2894	1.3364	Ave		1.408 0				8.8		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1 Analy Batch No.: 695447
Environment Testing, LLC

SDG No.:

Instrument ID: HP8R004 GC Column: Rtx-VMS 60m ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59 Calibration End Date: 09/08/2025 02:41 Calibration ID: 76556

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,1,2-Trichlorotrifluoroethane	1.3710 1.0252	1.0245 1.0482	1.1263 1.0052	0.8441 0.9771	0.9188	Ave		1.037 8				14.3		30.0			
Acetone	++++ 1.3737	++++ 1.4089	1.8921 1.4168	1.5116 1.3400	1.4585	Ave		1.485 9				12.6		30.0			
Isopropyl alcohol	++++ 0.9524	1.1459 1.0828	1.2837 1.0782	1.2005 1.0355	1.0194	Ave		1.099 8				9.7		30.0			
Carbon disulfide	3.7423 2.7040	3.6533 2.7722	3.0923 2.6970	2.8183 2.5618	2.7654	Ave		2.978 5				14.5		30.0			
3-Chloropropene	++++ 1.1422	2.2094 1.1775	1.4069 1.2236	1.4151 1.1712	1.2241	Ave		1.371 2				25.8		30.0			
Methylene Chloride	++++ 0.7170	1.0882 0.7194	0.8773 0.7152	0.7795 0.6815	0.7268	Ave		0.788 1				17.2		30.0			
tert-Butyl alcohol	++++ 0.9334	0.8375 1.0368	0.9179 1.0521	0.7426 1.0074	0.7697	Ave		0.912 2				13.1		30.0			
Methyl tert-butyl ether	2.0752 2.1555	2.3187 2.2820	2.2511 2.3214	1.8072 2.2643	1.9252	Ave		2.155 6				8.6		30.0			
trans-1,2-Dichloroethene	1.5612 1.3836	1.8110 1.4324	1.4941 1.4393	1.5521 1.3619	1.4383	Ave		1.497 1				9.1		30.0			
n-Hexane	1.0388 0.7082	0.7667 0.7084	0.7744 0.7291	0.7789 0.6850	0.7607	Ave		0.772 3				13.7		30.0			
1,1-Dichloroethane	2.1089 1.6388	2.0147 1.6617	1.8747 1.6853	2.0717 1.5736	1.7980	Ave		1.825 2				11.0		30.0			
Methyl Ethyl Ketone (2-Butanone)	++++ 0.4274	++++ 0.4432	0.3907 0.4606	0.4052 0.4403	0.3900	Ave		0.422 5				6.5		30.0			
cis-1,2-Dichloroethene	1.9681 1.5504	1.9907 1.5876	1.6700 1.6220	1.7265 1.5324	1.6417	Ave		1.698 8				10.0		30.0			
Tetrahydrofuran	++++ 1.1053	1.7263 1.1138	1.1721 1.1548	1.2111 1.1000	1.1984	Ave		1.222 7				17.0		30.0			
Chloroform	2.4483 1.8394	2.3872 1.8594	1.9399 1.8886	2.2382 1.7773	2.0395	Ave		2.046 4				12.2		30.0			
1,1,1-Trichloroethane	2.1546 1.7263	1.9102 1.7195	1.9004 1.7472	1.7508 1.6752	1.6637	Ave		1.805 3				8.7		30.0			
Cyclohexane	1.5167 1.3602	1.5773 1.4412	1.4598 1.4854	1.2762 1.4480	1.2803	Ave		1.427 2				7.2		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1 Analy Batch No.: 695447
Environment Testing, LLC

SDG No.: _____

Instrument ID: HP8R004 GC Column: Rtx-VMS 60m ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59 Calibration End Date: 09/08/2025 02:41 Calibration ID: 76556

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Carbon tetrachloride	1.6960 1.6618	1.5034 1.6969	1.6748 1.7572	1.7375 1.6898	1.6228	Ave		1.671 1				4.4		30.0			
Benzene	1.0603 0.7200	0.8850 0.7225	0.8293 0.7329	0.8636 0.7010	0.7613	Ave		0.808 4				14.3		30.0			
1,2-Dichloroethane	0.4305 0.3407	0.4239 0.3388	0.3674 0.3426	0.4104 0.3250	0.3760	Ave		0.372 8				10.7		30.0			
2,2,4-Trimethylpentane	1.4010 1.2103	1.2583 1.2505	1.2227 1.2762	1.1571 1.2376	1.1230	Ave		1.237 4				6.3		30.0			
n-Heptane	0.2441 0.2382	0.2632 0.2466	0.2303 0.2591	0.2390 0.2527	0.2273	Ave		0.244 5				5.0		30.0			
Trichloroethene	0.4926 0.2768	0.3468 0.2803	0.2961 0.2868	0.3393 0.2790	0.2990	Ave		0.321 8				21.4		30.0			
1,2-Dichloropropane	++++ 0.3048	0.4163 0.3071	0.3525 0.3157	0.3654 0.3028	0.3273	Ave		0.336 5				11.8		30.0			
Methyl methacrylate	++++ 0.2492	0.2212 0.2643	0.2549 0.2840	0.2449 0.2810	0.2434	Ave		0.255 4				8.1		30.0			
1,4-Dioxane	++++ 0.1116	0.1280 0.1198	0.1184 0.1212	0.0717 0.1183	0.0850	Ave		0.109 3				18.2		30.0			
Bromodichloromethane	0.7836 0.5385	0.5858 0.5314	0.5809 0.5462	0.6548 0.5267	0.5551	Ave		0.589 2				14.1		30.0			
cis-1,3-Dichloropropene	0.4710 0.4395	0.5550 0.4463	0.4661 0.4763	0.4927 0.4683	0.4454	Ave		0.473 4				7.4		30.0			
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.7265 0.6031	0.7091 0.6364	0.6904 0.6654	0.4363 0.6474	0.4897	Ave		0.622 7				15.9		30.0			
Toluene	++++ 0.9520	1.2179 0.9428	1.0987 0.9744	1.1021 0.9346	1.0145	Ave		1.029 6				9.8		30.0			
trans-1,3-Dichloropropene	0.4330 0.3849	0.4502 0.3935	0.3947 0.4230	0.4085 0.4199	0.4082	Ave		0.412 9				5.1		30.0			
1,1,2-Trichloroethane	++++ 0.3367	0.3607 0.3310	0.3489 0.3384	0.3877 0.3273	0.3352	Ave		0.345 7				5.8		30.0			
Tetrachloroethene	++++ 0.3882	++++ 0.3870	0.6509 0.4068	0.4630 0.3983	0.4113	Ave		0.443 6				21.4		30.0			
Methyl Butyl Ketone (2-Hexanone)	0.6484 0.6467	0.5538 0.6744	0.7098 0.7033	0.4727 0.6886	0.5465	Ave		0.627 1				13.2		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1 Analy Batch No.: 695447
Environment Testing, LLC

SDG No.: _____

Instrument ID: HP8R004 GC Column: Rtx-VMS 60m ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59 Calibration End Date: 09/08/2025 02:41 Calibration ID: 76556

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dibromochloromethane	0.4837 0.4228	0.4475 0.4207	0.4333 0.4462	0.4673 0.4424	0.4344	Ave		0.444 2				4.6		30.0			
1,2-Dibromoethane	0.5201 0.4980	0.5088 0.4918	0.5268 0.5218	0.5678 0.5111	0.5212	Ave		0.518 6				4.2		30.0			
Chlorobenzene	0.9417 0.6989	0.9061 0.6926	0.7659 0.7320	0.8169 0.7043	0.7589	Ave		0.779 7				11.7		30.0			
Ethylbenzene	1.3666 1.1660	1.2652 1.1957	1.2127 1.2694	1.2948 1.2185	1.1995	Ave		1.243 2				5.0		30.0			
m,p-Xylene	1.0024 0.8863	0.9384 0.9069	0.8749 0.9813	0.9249 0.9184	0.8694	Ave		0.922 5				5.0		30.0			
o-Xylene	0.9052 0.8872	0.9359 0.9124	0.8550 0.9956	0.9165 0.9630	0.8820	Ave		0.917 0				4.7		30.0			
Styrene	0.5478 0.6724	0.6399 0.6881	0.6647 0.7547	0.6635 0.7323	0.6322	Ave		0.666 2				9.0		30.0			
Bromoform	0.4658 0.4677	0.4460 0.4665	0.4625 0.5185	0.5112 0.5171	0.4744	Ave		0.481 1				5.6		30.0			
Cumene	1.0365 1.1494	1.1453 1.1855	1.0920 1.2858	1.0961 1.2284	1.1161	Ave		1.148 4				6.6		30.0			
1,1,2,2-Tetrachloroethane	0.7240 0.7549	0.9134 0.7474	0.8246 0.8065	0.7876 0.7761	0.7603	Ave		0.788 3				7.1		30.0			
N-Propylbenzene	0.2349 0.3126	0.3433 0.3164	0.3168 0.3494	0.3000 0.3453	0.2870	Ave		0.311 7				11.5		30.0			
4-Ethyltoluene	0.8711 1.2019	0.9565 1.2061	1.2222 1.3626	1.1020 1.2918	1.1110	Ave		1.147 3				13.6		30.0			
2-Chlorotoluene	0.2724 0.2881	0.3176 0.2894	0.3185 0.3142	0.2840 0.3131	0.2808	Ave		0.297 6				6.1		30.0			
1,3,5-Trimethylbenzene	0.7078 0.9418	0.8577 0.9793	0.9841 1.0501	0.8427 1.0188	0.8835	Ave		0.918 4				11.6		30.0			
tert-Butylbenzene	1.0979 0.9036	0.7625 0.9211	0.9217 1.0288	0.7735 0.9980	0.8276	Ave		0.915 0				12.5		30.0			
1,2,4-Trimethylbenzene	0.8546 0.9747	1.0101 1.0106	0.9634 1.1297	0.8408 1.0815	0.8705	Ave		0.970 6				10.4		30.0			
sec-Butylbenzene	1.4510 1.3804	1.3681 1.4055	1.4480 1.5788	1.1521 1.4825	1.2630	Ave		1.392 2				9.0		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1 Analy Batch No.: 695447
Environment Testing, LLC

Instrument ID: HP8R004 GC Column: Rtx-VMS 60m ID: 0.25 (mm) Heated Purge: (Y/N) N

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
4-Isopropyltoluene	1.1027 1.0758	1.1756 1.1112	1.1690 1.2747	0.8725 1.2188	0.9425	Ave		1.104 8			11.6		30.0				
1,3-Dichlorobenzene	0.6116 0.6298	0.6275 0.6280	0.6529 0.7131	0.6197 0.6917	0.6175	Ave		0.643 5			5.5		30.0				
1,4-Dichlorobenzene	0.4931 0.6291	0.7213 0.6270	0.6698 0.7229	0.6396 0.7023	0.6217	Ave		0.647 4			10.9		30.0				
Benzyl chloride	+++++ 0.1412	0.1490 0.1517	0.1562 0.1858	0.1136 0.1934	0.1245	Ave		0.151 9			18.0		30.0				
n-Butylbenzene	0.5836 0.5876	0.6071 0.6186	0.6149 0.7202	0.4343 0.7021	0.4989	Ave		0.596 4			14.9		30.0				
1,2-Dichlorobenzene	0.5248 0.5807	0.6047 0.5806	0.6470 0.6758	0.5350 0.6596	0.5527	Ave		0.595 6			9.2		30.0				
1,2,4-Trichlorobenzene	+++++ 0.4015	+++++ 0.4130	0.3152 0.4971	0.3237 0.4962	0.3671	Ave		0.402 0			18.4		30.0				
Hexachlorobutadiene	0.3780 0.3293	0.3905 0.3332	0.4311 0.4085	0.2674 0.4025	0.3172	Ave		0.362 0			14.6		30.0				
Naphthalene	+++++ 0.9734	+++++ 1.0385	0.7238 1.2029	0.7615 1.1844	0.8000	Ave		0.954 9			20.8		30.0				

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FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

Analy Batch No.: 695447

SDG No.:

Instrument ID: HP8R004

GC Column: Rtx-VMS 60 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59

Calibration End Date: 09/08/2025 02:41

Calibration ID: 76556

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-695447/3	7S07X03.D
Level 2	IC 410-695447/4	7S07X04.D
Level 3	IC 410-695447/5	7S07X05.D
Level 4	IC 410-695447/6	7S07X06.D
Level 5	IC 410-695447/7	7S07X07.D
Level 6	ICISAV 410-695447/8	7S07X08.D
Level 7	IC 410-695447/9	7S07X09.D
Level 8	IC 410-695447/10	7S07X10.D
Level 9	IC 410-695447/11	7S07X11.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	CBM	Ave	2266 386227	3617 793102	16409 1946334	37642 3979326	72882	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Chlorodifluoromethane	CBM	Ave	994 234311	2393 487315	10458 1204988	15244 2521436	37016	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,2-Dichlorotetrafluoroethane	CBM	Ave	1439 381017	3337 792190	16118 1938379	25302 4047500	62301	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Chloromethane	CBM	Ave	++++ 145631	++++ 294301	7776 714327	10305 1477472	23163	++++ 5.00	++++ 10.0	0.200 25.0	0.500 50.0	1.00
n-Butane	CBM	Ave	1868 231676	3142 475971	10201 1198695	24688 2462009	44844	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Vinyl chloride	CBM	Ave	615 152621	1442 323612	6320 792621	10792 1652848	24510	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,3-Butadiene	CBM	Ave	484 110341	1239 236482	4258 601024	10194 1251805	19703	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Bromomethane	CBM	Ave	++++ 106167	1034 211578	4413 553370	10618 1149303	20147	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Chloroethane	CBM	Ave	++++ 77050	1042 161709	3658 397395	9186 818978	17315	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Bromoethene (Vinyl Bromide)	CBM	Ave	785 130891	1507 270635	5820 685579	12429 1432131	24937	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Trichlorofluoromethane	CBM	Ave	1624 366646	3462 751212	14793 1859281	34140 3794042	69984	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,1-Dichloroethene	CBM	Ave	1320 224161	2701 469393	9943 1176908	23451 2438928	44481	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,1,2-Trichlorotrifluoroethane	CBM	Ave	1139 178594	1705 366467	7685 881794	14075 1848120	30580	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Acetone	CBM	Ave	++++ 239306	++++ 492575	12911 1242831	25206 2534459	48546	++++ 5.00	++++ 10.0	0.200 25.0	0.500 50.0	1.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

Analy Batch No.: 695447

SDG No.:

Instrument ID: HP8R004

GC Column: Rtx-VMS 60 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59

Calibration End Date: 09/08/2025 02:41

Calibration ID: 76556

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Isopropyl alcohol	CBM	Ave	++++ 165914	1907 378548	8759 945866	20019 1958633	33931	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Carbon disulfide	CBM	Ave	3109 471063	6080 969194	21100 2365895	46995 4845550	92043	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
3-Chloropropene	CBM	Ave	++++ 198983	3677 411677	9600 1073339	23597 2215172	40743	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Methylene Chloride	CBM	Ave	++++ 124905	1811 251528	5986 627364	12998 1289102	24191	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
tert-Butyl alcohol	CBM	Ave	++++ 185366	1589 413207	7140 1052192	14117 2172133	29204	++++ 5.70	0.0570 11.4	0.228 28.5	0.570 57.0	1.14
Methyl tert-butyl ether	CBM	Ave	1724 375504	3859 797810	15360 2036423	30136 4282893	64079	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
trans-1,2-Dichloroethene	CBM	Ave	1297 241044	3014 500792	10195 1262578	25882 2575933	47872	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
n-Hexane	CBM	Ave	863 123384	1276 247666	5284 639609	12988 1295701	25319	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,1-Dichloroethane	CBM	Ave	1752 285491	3353 580939	12792 1478406	34545 2976315	59843	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Methyl Ethyl Ketone (2-Butanone)	CBM	Ave	++++ 74458	++++ 154956	2666 404009	6757 832794	12982	++++ 5.00	++++ 10.0	0.200 25.0	0.500 50.0	1.00
cis-1,2-Dichloroethene	CBM	Ave	1635 270104	3313 555041	11395 1422896	28790 2898443	54641	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Tetrahydrofuran	CBM	Ave	++++ 192551	2873 389393	7998 1013064	20196 2080594	39886	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Chloroform	CBM	Ave	2034 320439	3973 650077	13237 1656749	37322 3361656	67883	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,1,1-Trichloroethane	CBM	Ave	1790 300739	3179 601165	12967 1532653	29194 3168588	55375	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Cyclohexane	CBM	Ave	1260 236955	2625 503855	9961 1303042	21280 2738775	42613	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Carbon tetrachloride	CBM	Ave	1409 289506	2502 593249	11428 1541499	28973 3196107	54014	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Benzene	DFBZ	Ave	3345 471430	5461 961768	20836 2461683	54276 4965537	97314	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,2-Dichloroethane	DFBZ	Ave	1358 223073	2616 451056	9230 1150575	25791 2302139	48066	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
2,2,4-Trimethylpentane	DFBZ	Ave	4420 792533	7765 1664662	30718 4286430	72721 8766575	143541	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
n-Heptane	DFBZ	Ave	770 155949	1624 328238	5787 870170	15022 1790299	29056	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

Analy Batch No.: 695447

SDG No.:

Instrument ID: HP8R004

GC Column: Rtx-VMS 60 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59

Calibration End Date: 09/08/2025 02:41

Calibration ID: 76556

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Trichloroethene	DFBZ	Ave	1554 181252	2140 373158	7439 963134	21324 1976023	38215	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,2-Dichloropropane	DFBZ	Ave	++++ 199566	2569 408839	8857 1060180	22964 2144663	41841	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Methyl methacrylate	DFBZ	Ave	++++ 163208	1365 351854	6405 953897	15393 1990629	31107	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,4-Dioxane	DFBZ	Ave	++++ 73081	790 159520	2975 406951	4508 837964	10862	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Bromodichloromethane	DFBZ	Ave	2472 352583	3615 707370	14594 1834486	41156 3730966	70948	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
cis-1,3-Dichloropropene	DFBZ	Ave	1486 287802	3425 594075	11709 1599668	30963 3317150	56932	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
4-Methyl-2-pentanone (Methyl isobutyl ketone)	DFBZ	Ave	2292 394889	4376 847197	17345 2235001	27421 4585995	62595	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Toluene	CBZd5	Ave	++++ 566915	7152 1143487	25777 2986593	64669 5988243	119024	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
trans-1,3-Dichloropropene	CBZd5	Ave	1283 229179	2644 477201	9259 1296442	23970 2690711	47889	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,1,2-Trichloroethane	CBZd5	Ave	++++ 200482	2118 401473	8185 1037272	22749 2097374	39328	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Tetrachloroethene	CBZd5	Ave	++++ 231168	++++ 469422	15270 1246936	27166 2552037	48251	++++ 5.00	++++ 10.0	0.200 25.0	0.500 50.0	1.00
Methyl Butyl Ketone (2-Hexanone)	CBZd5	Ave	1921 385122	3252 817952	16653 2155733	27736 4412094	64120	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Dibromochloromethane	CBZd5	Ave	1433 251797	2628 510197	10165 1367585	27418 2834643	50960	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,2-Dibromoethane	CBZd5	Ave	1541 296544	2988 596420	12359 1599340	33318 3274704	61152	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Chlorobenzene	CBZd5	Ave	2790 416208	5321 840068	17968 2243671	47936 4512519	89031	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Ethylbenzene	CBZd5	Ave	4049 694330	7430 1450199	28451 3890799	75974 7807264	140729	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
m,p-Xylene	CBZd5	Ave	5940 1055613	11021 2199908	41051 6015080	108541 11768745	203996	0.0500 10.0	0.100 20.0	0.400 50.0	1.00 100	2.00
o-Xylene	CBZd5	Ave	2682 528301	5496 1106625	20059 3051526	53780 6170123	103479	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Styrene	CBZd5	Ave	1623 400416	3758 834565	15594 2313198	38933 4692033	74172	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Bromoform	CBZd5	Ave	1380	2619	10851	29996	55660	0.0250	0.0500	0.200	0.500	1.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

Analy Batch No.: 695447

SDG No.:

Instrument ID: HP8R004

GC Column: Rtx-VMS 60 ID: 0.25(mm)

Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2025 22:59

Calibration End Date: 09/08/2025 02:41

Calibration ID: 76556

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			278524	565795	1589127	3312934		5.00	10.0	25.0	50.0	
Cumene	CBZd5	Ave	3071 684463	6726 1437792	25619 3940900	64319 7870684	130946	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,1,2,2-Tetrachloroethane	CBZd5	Ave	2145 449534	5364 906496	19345 2471808	46212 4972960	89199	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
N-Propylbenzene	CBZd5	Ave	696 186166	2016 383701	7432 1070830	17602 2212612	33671	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
4-Ethyltoluene	CBZd5	Ave	2581 715751	5617 1462828	28674 4176281	64664 8276627	130349	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
2-Chlorotoluene	CBZd5	Ave	807 171546	1865 350951	7473 963004	16666 2005826	32940	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,3,5-Trimethylbenzene	CBZd5	Ave	2097 560860	5037 1187786	23087 3218474	49445 6527926	103654	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
tert-Butylbenzene	CBZd5	Ave	3253 538106	4478 1117209	21624 3153350	45387 6394301	97090	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,2,4-Trimethylbenzene	CBZd5	Ave	2532 580420	5932 1225681	22602 3462380	49336 6929144	102128	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
sec-Butylbenzene	CBZd5	Ave	4299 822037	8034 1704659	33972 4839054	67603 9498943	148179	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
4-Isopropyltoluene	CBZd5	Ave	3267 640613	6904 1347751	27427 3907050	51196 7809161	110572	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,3-Dichlorobenzene	CBZd5	Ave	1812 375073	3685 761646	15317 2185648	36364 4431636	72443	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,4-Dichlorobenzene	CBZd5	Ave	1461 374633	4236 760457	15714 2215777	37530 4499786	72936	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Benzyl chloride	CBZd5	Ave	++++ 84084	875 183971	3665 569604	6668 1238937	14605	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
n-Butylbenzene	CBZd5	Ave	1729 349929	3565 750228	14426 2207406	25483 4498530	58529	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,2-Dichlorobenzene	CBZd5	Ave	1555 345777	3551 704149	15179 2071349	31394 4226204	64839	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,2,4-Trichlorobenzene	CBZd5	Ave	++++ 239097	++++ 500941	7396 1523588	18996 3179453	43067	++++ 5.00	++++ 10.0	0.200 25.0	0.500 50.0	1.00
Hexachlorobutadiene	CBZd5	Ave	1120 196075	2293 404122	10113 1252156	15691 2579118	37219	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Naphthalene	CBZd5	Ave	++++ 579652	++++ 1259545	16982 3686814	44681 7588783	93859	++++ 5.00	++++ 10.0	0.200 25.0	0.500 50.0	1.00

Curve Type Legend:

Ave = Average ISTD

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D
 Lims ID: IC Cal 0.025ppb
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 07-Sep-2025 22:59:10 ALS Bottle#: 5 Worklist Smp#: 3
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: IC CAL 0.025PPB
 Misc. Info.: 410-0158855-003
 Operator ID: AL109694 Instrument ID: HP8R004
 Sublist: chrom-TO15LLMethods_HP8R004*sub1
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 11-Sep-2025 08:46:48 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1694

First Level Reviewer: D7UM

Date: 08-Sep-2025 15:19:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.333	3.304	0.029	71	1013	NC	NC	M
2 Dichlorodifluoromethane	85	3.397	3.376	0.021	44	2266	0.0250	0.0298	
3 Chlorodifluoromethane	51	3.433	3.412	0.021	25	994	0.0250	0.0231	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.662	3.641	0.021	17	1439	0.0250	0.0213	
5 Chloromethane	50	3.784	3.770	0.014	30	1441	0.0250	0.0530	M
124 Butane	43	4.020	4.006	0.014	47	1868	0.0250	0.0366	M
6 Vinyl chloride	62	4.035	4.013	0.022	18	615	0.0250	0.0222	
7 Butadiene	54	4.106	4.092	0.014	34	484	0.0250	0.0226	M
10 Vinyl bromide	106	5.288	5.274	0.014	48	785	0.0250	0.0293	
13 Dichlorofluoromethane	67	5.346	5.331	0.015	28	2071	NC	NC	
12 Trichlorofluoromethane	101	5.424	5.403	0.021	21	1624	0.0250	0.0235	
11 Pentane	43	5.604	5.582	0.022	59	2237	NC	NC	M
15 1,1-Dichloroethene	61	6.356	6.349	0.007	12	1320	0.0250	0.0282	
16 1,1,2-Trichloro-1,2,2-trifluoroe	103	6.384	6.370	0.014	15	1139	0.0250	0.0330	
23 Acetone	43	6.406	6.377	0.029	78	3348	0.0250	0.0678	M
20 Isopropyl alcohol	45	6.614	6.592	0.022	53	1576	0.0250	0.0431	M
17 Carbon disulfide	76	6.771	6.757	0.014	37	3109	0.0250	0.0314	
21 3-Chloro-1-propene	41	6.986	6.972	0.014	46	1787	0.0250	0.0392	Ma
22 Methylene Chloride	84	7.201	7.187	0.014	53	1010	0.0250	0.0386	
27 2-Methyl-2-propanol	59	7.294	7.287	0.007	46	390	0.0285	0.0129	M
31 Acrylonitrile	53	7.566	7.531	0.035	40	480	NC	NC	M
26 Methyl tert-butyl ether	73	7.638	7.631	0.007	27	1724	0.0250	0.0241	
24 trans-1,2-Dichloroethene	61	7.674	7.659	0.015	30	1297	0.0250	0.0261	
25 Hexane	56	8.111	8.111	0.000	55	863	0.0250	0.0336	
30 1,1-Dichloroethane	63	8.361	8.347	0.014	1	1752	0.0250	0.0289	
29 Isopropyl ether	45	8.411	8.390	0.021	64	2326	NC	NC	
32 Tert-butyl ethyl ether	59	8.985	8.963	0.022	65	1536	NC	NC	
34 cis-1,2-Dichloroethene	61	9.250	9.235	0.015	5	1635	0.0250	0.0290	
* 35 Chlorobromomethane (IS)	130	9.622	9.608	0.014	90	332307	10.0	10.0	
37 Chloroform	83	9.765	9.751	0.014	46	2034	0.0250	0.0299	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
42 1,1,1-Trichloroethane	97	10.052	10.045	0.007	12	1790	0.0250	0.0298	
36 Cyclohexane	56	10.195	10.188	0.007	51	1260	0.0250	0.0266	
40 Carbon tetrachloride	117	10.317	10.303	0.014	41	1409	0.0250	0.0254	M
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.539	10.532	0.007	0	547440	NC	NC	
46 Benzene	78	10.603	10.589	0.014	3	3345	0.0250	0.0328	M
48 1,2-Dichloroethane	62	10.668	10.654	0.014	23	1358	0.0250	0.0289	
47 Tert-amyl methyl ether	73	10.790	10.768	0.022	23	2160	NC	NC	
44 Isooctane	57	10.775	10.775	0.000	77	4420	0.0250	0.0283	
45 n-Heptane	71	11.026	11.019	0.007	13	770	0.0250	0.0250	
* 50 1,4-Difluorobenzene	114	11.227	11.212	0.015	96	1261911	10.0	10.0	
49 Trichloroethene	130	11.585	11.585	0.000	33	1554	0.0250	0.0383	
53 1,2-Dichloropropane	63	11.936	11.929	0.007	33	1898	0.0250	0.0447	
51 Dibromomethane	174	12.043	12.043	0.000	61	1354	NC	NC	
54 Dichlorobromomethane	83	12.244	12.244	0.000	11	2472	0.0250	0.0332	
57 cis-1,3-Dichloropropene	75	12.752	12.745	0.007	29	1486	0.0250	0.0249	
60 4-Methyl-2-pentanone (MIBK)	43	12.874	12.867	0.007	43	2292	0.0250	0.0292	M
\$ 103 Toluene-d8 (Surr)	98	13.053	13.053	0.000	95	1378933	NC	NC	
59 Toluene	91	13.132	13.125	0.007	50	5075	0.0250	0.0416	
58 n-Octane	43	13.239	13.240	-0.001	69	2578	NC	NC	M
62 trans-1,3-Dichloropropene	75	13.347	13.340	0.007	49	1283	0.0250	0.0262	
64 1,1,2-Trichloroethane	97	13.555	13.548	0.007	28	1662	0.0250	0.0406	
61 Tetrachloroethene	166	13.669	13.662	0.007	67	2746	0.0250	0.0522	
67 2-Hexanone	43	13.734	13.719	0.015	42	1921	0.0250	0.0258	M
65 Chlorodibromomethane	127	13.941	13.934	0.007	26	1433	0.0250	0.0272	
66 Ethylene Dibromide	107	14.063	14.063	0.000	56	1541	0.0250	0.0251	
* 68 Chlorobenzene-d5 (IS)	117	14.464	14.464	0.000	90	1185119	10.0	10.0	
69 Chlorobenzene	112	14.493	14.493	0.000	11	2790	0.0250	0.0302	
70 Ethylbenzene	91	14.557	14.558	-0.001	43	4049	0.0250	0.0275	
71 1,1,1,2-Tetrachloroethane	131	14.557	14.558	-0.001	20	1434	NC	NC	
72 m-Xylene & p-Xylene	91	14.665	14.665	0.000	79	5940	0.0500	0.0543	a
73 o-Xylene	91	14.987	14.987	0.000	51	2682	0.0250	0.0247	
74 Styrene	104	15.002	15.002	0.000	45	1623	0.0250	0.0206	
75 Bromoform	173	15.181	15.174	0.007	41	1380	0.0250	0.0242	
76 Isopropylbenzene	105	15.267	15.267	0.000	1	3071	0.0250	0.0226	
79 1,1,2,2-Tetrachloroethane	83	15.481	15.482	-0.001	1	2145	0.0250	0.0230	
83 1,2,3-Trichloropropane	110	15.546	15.539	0.007	26	505	NC	NC	Ma
78 Bromobenzene	156	15.546	15.539	0.007	74	1263	NC	NC	
77 N-Propylbenzene	120	15.582	15.582	0.000	41	696	0.0250	0.0188	
80 4-Ethyltoluene	105	15.668	15.661	0.007	52	2581	0.0250	0.0190	M
81 2-Chlorotoluene	126	15.675	15.668	0.007	61	807	0.0250	0.0229	
82 1,3,5-Trimethylbenzene	105	15.696	15.696	0.000	18	2097	0.0250	0.0193	Ma
84 Alpha Methyl Styrene	118	15.861	15.861	0.000	43	1012	NC	NC	
85 tert-Butylbenzene	119	15.947	15.940	0.007	57	3253	0.0250	0.0300	
86 1,2,4-Trimethylbenzene	105	15.983	15.983	0.000	15	2532	0.0250	0.0220	
87 sec-Butylbenzene	105	16.105	16.105	0.000	57	4299	0.0250	0.0261	
88 4-Isopropyltoluene	119	16.205	16.205	0.000	58	3267	0.0250	0.0250	M
89 1,3-Dichlorobenzene	146	16.226	16.227	-0.001	40	1812	0.0250	0.0238	
90 1,4-Dichlorobenzene	146	16.298	16.298	0.000	43	1461	0.0250	0.0190	
91 n-Butylbenzene	92	16.506	16.506	0.000	60	1729	0.0250	0.0245	
94 1,2-Dichlorobenzene	146	16.577	16.578	-0.001	45	1555	0.0250	0.0220	
95 1,2-Dibromo-3-Chloropropane	157	17.186	17.179	0.007	17	821	NC	NC	
97 1,2,4-Trichlorobenzene	180	17.888	17.881	0.007	1	676	0.0250	0.0142	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
96 Hexachlorobutadiene	225	17.974	17.974	0.000	17	1120	0.0250	0.0261	
98 Naphthalene	128	18.153	18.153	0.000	22	2127	0.0250	0.0188	
S 100 1,2-Dichloroethene, Total	61				0	2932	0.0500	0	
S 109 1,3-Dichloropropene, Total	75				0		0.0500	0.0511	
S 101 Xylenes, Total	91				0	8622	0.0750	0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

AIRCAL0.5_00151

Amount Added: 10.00

Units: mL

AIRIS200 ppb_00521

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 11-Sep-2025 08:46:59

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D

Injection Date: 07-Sep-2025 22:59:10

Instrument ID: HP8R004

Lims ID: IC Cal 0.025ppb

Client ID:

Operator ID: AL109694

ALS Bottle#: 5

Worklist Smp#: 3

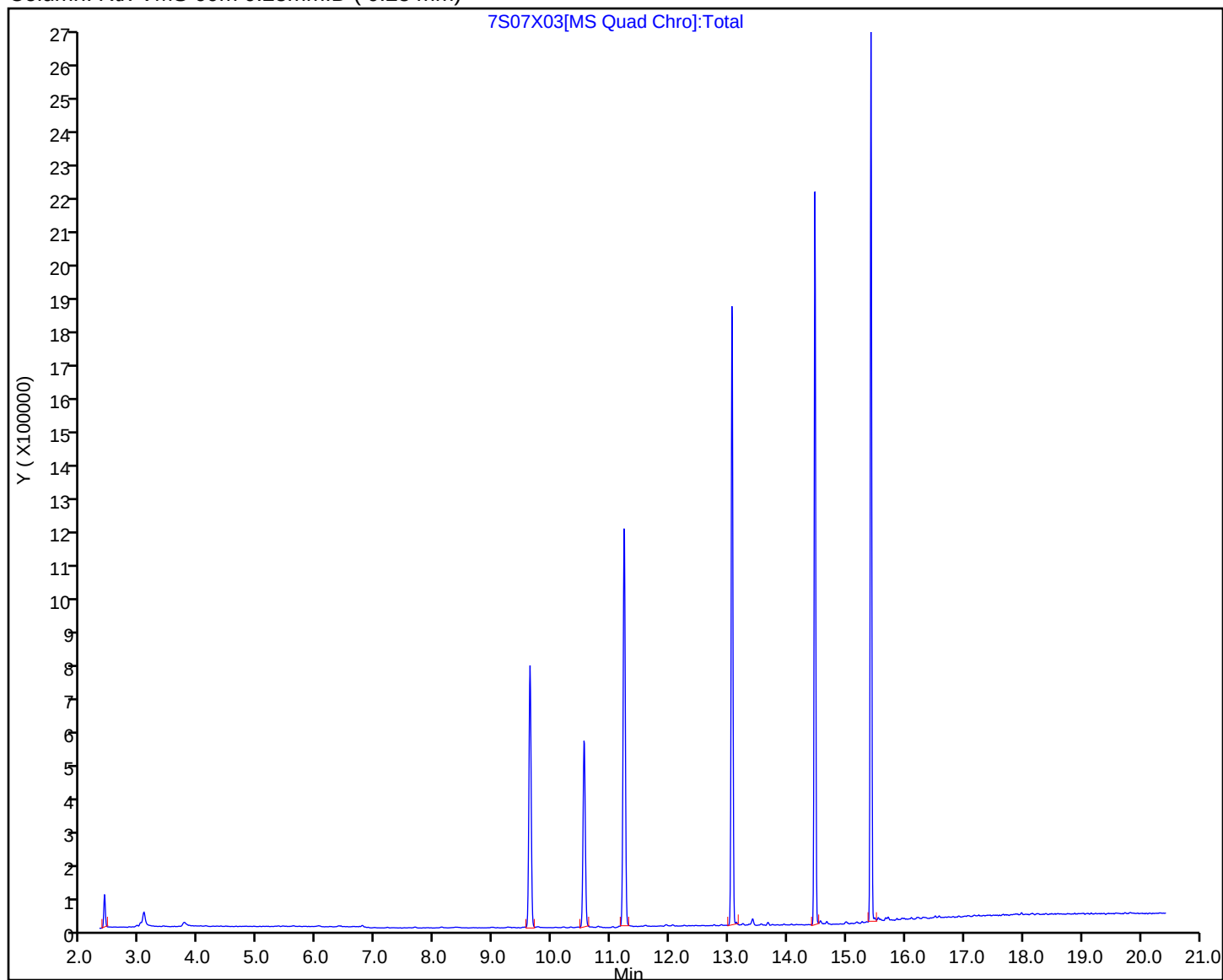
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

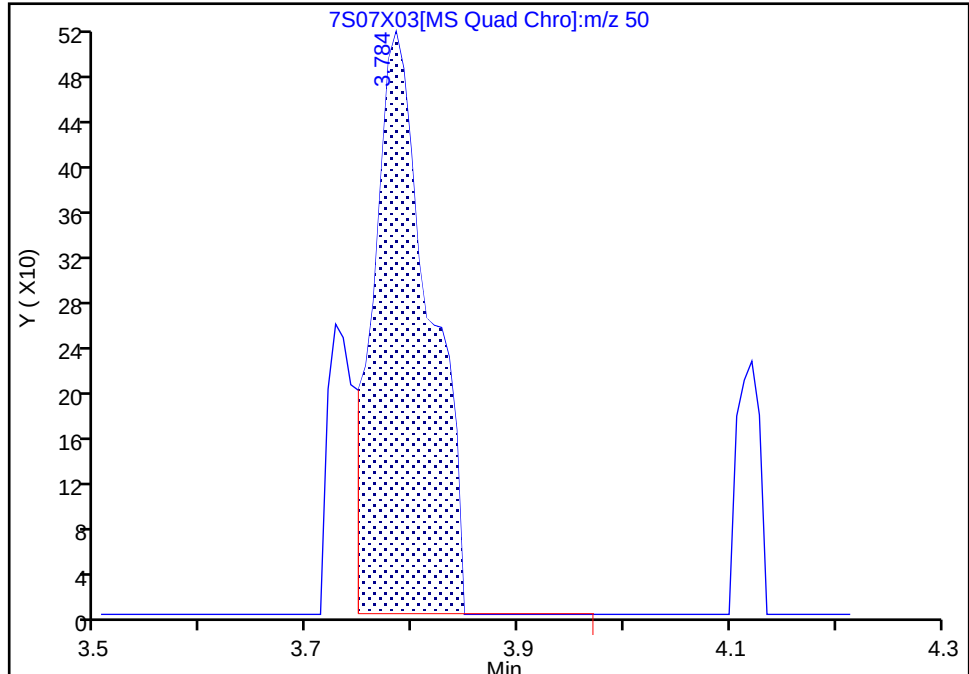
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D
Injection Date: 07-Sep-2025 22:59:10 Instrument ID: HP8R004
Lims ID: IC Cal 0.025ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

5 Chloromethane, CAS: 74-87-3

Signal: 1

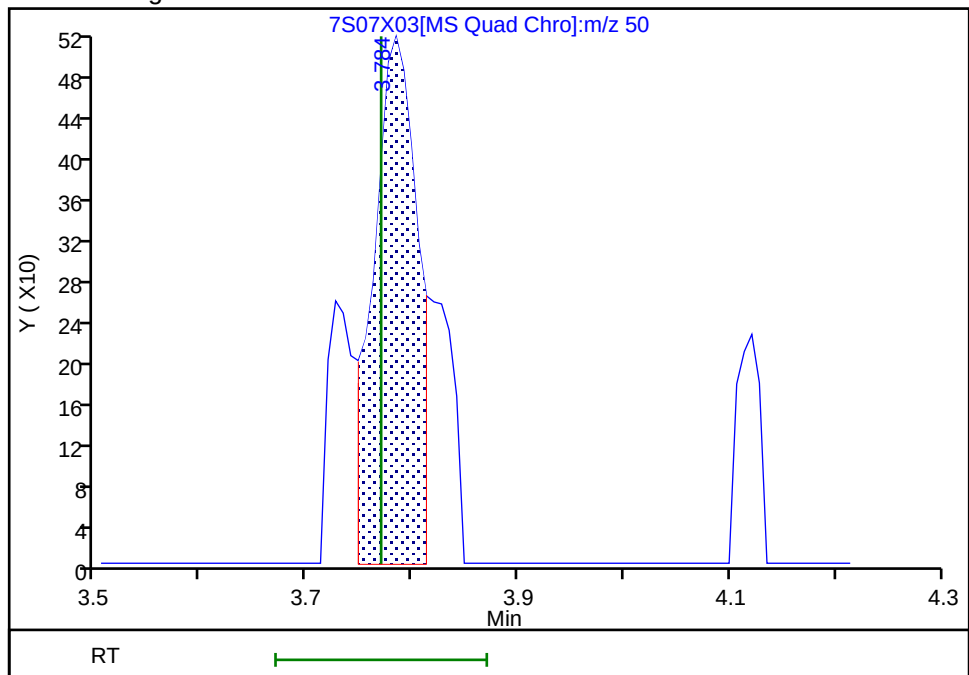
RT: 3.78
Area: 1888
Amount: 0.052778
Amount Units: ppb v/v

Processing Integration Results



RT: 3.78
Area: 1441
Amount: 0.053005
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:24:15 -04:00:00 (UTC)

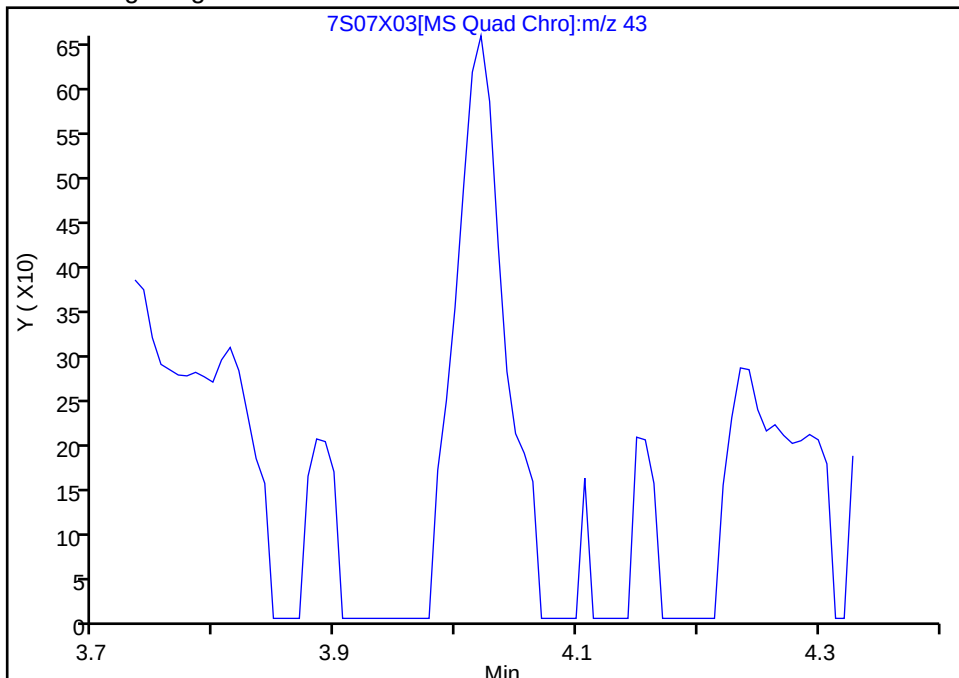
Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

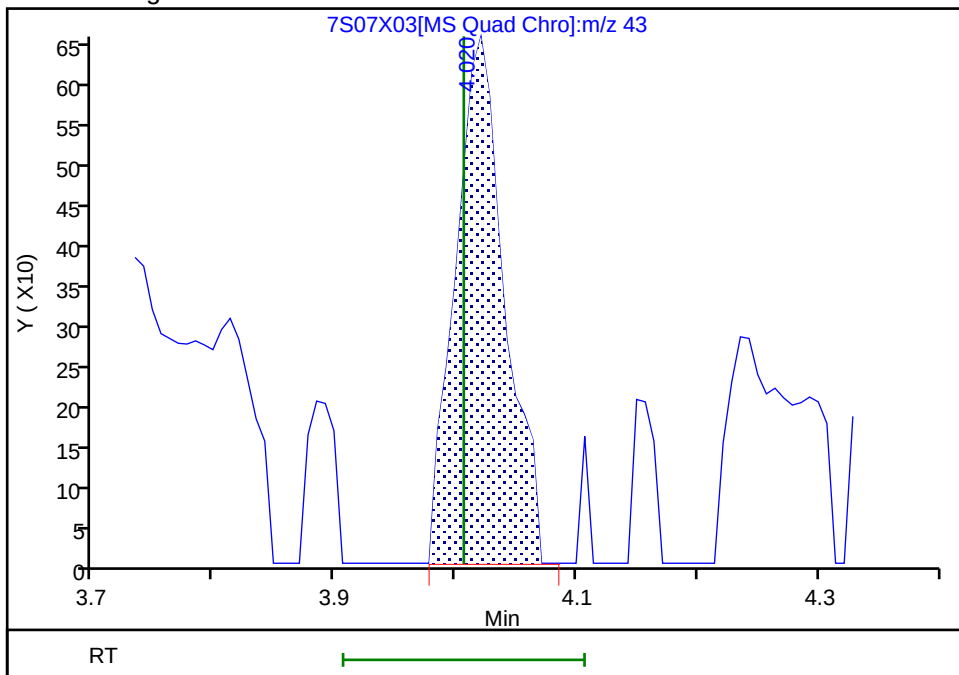
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D				
Injection Date:	07-Sep-2025 22:59:10	Instrument ID:	HP8R004		
Lims ID:	IC Cal 0.025ppb				
Client ID:					
Operator ID:	AL109694	ALS Bottle#:	5	Worklist Smp#:	3
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15LLMethods_HP8R004	Limit Group:	MSV - TO15_LL_NY		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

Signal: 1

Not Detected
Expected RT: 4.01



RT: 4.02
Area: 1868
Amount: 0.036611
Amount Units: ppb v/v



Eurofins Lancaster Laboratories Environment Testing, LLC

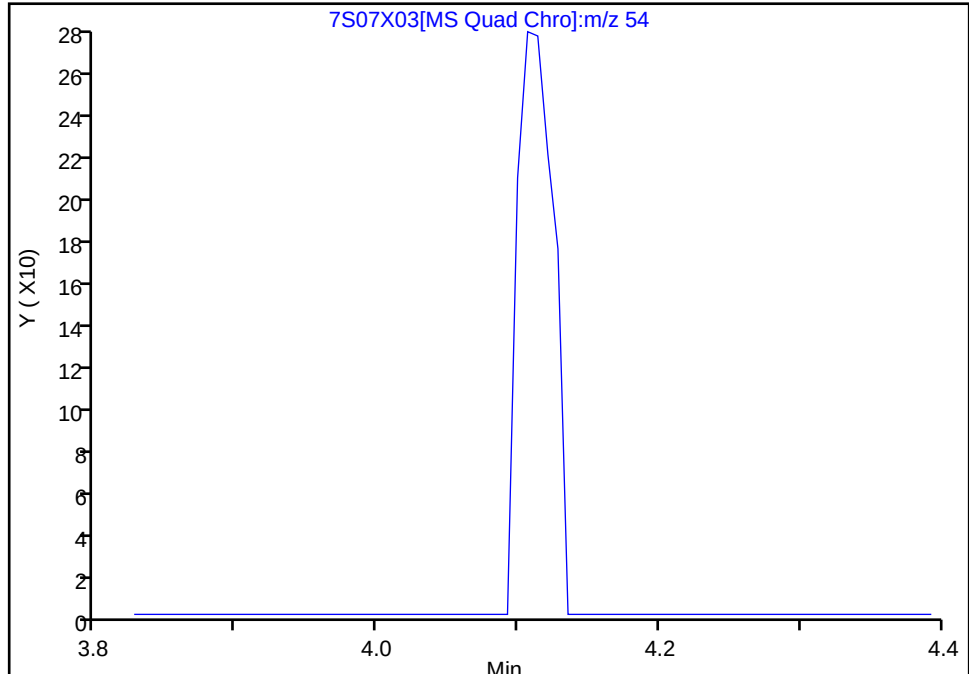
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D
Injection Date: 07-Sep-2025 22:59:10 Instrument ID: HP8R004
Lims ID: IC Cal 0.025ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

7 Butadiene, CAS: 106-99-0

Signal: 1

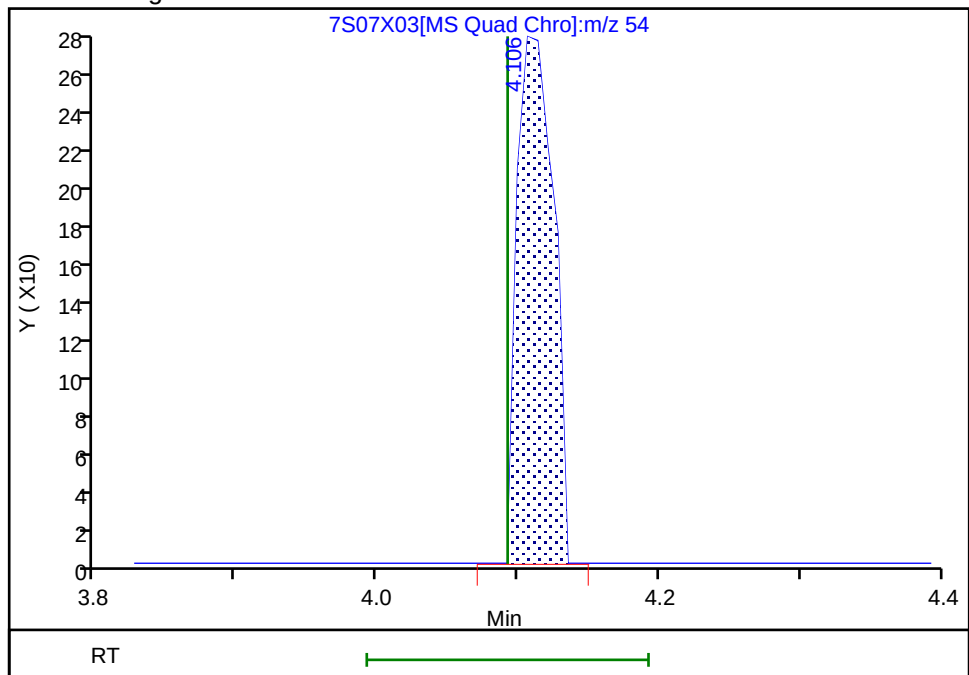
Not Detected
Expected RT: 4.09

Processing Integration Results



RT: 4.11
Area: 484
Amount: 0.022557
Amount Units: ppb v/v

Manual Integration Results



Reviewer: UKEK, 11-Sep-2025 07:29:19 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Other

Eurofins Lancaster Laboratories Environment Testing, LLC

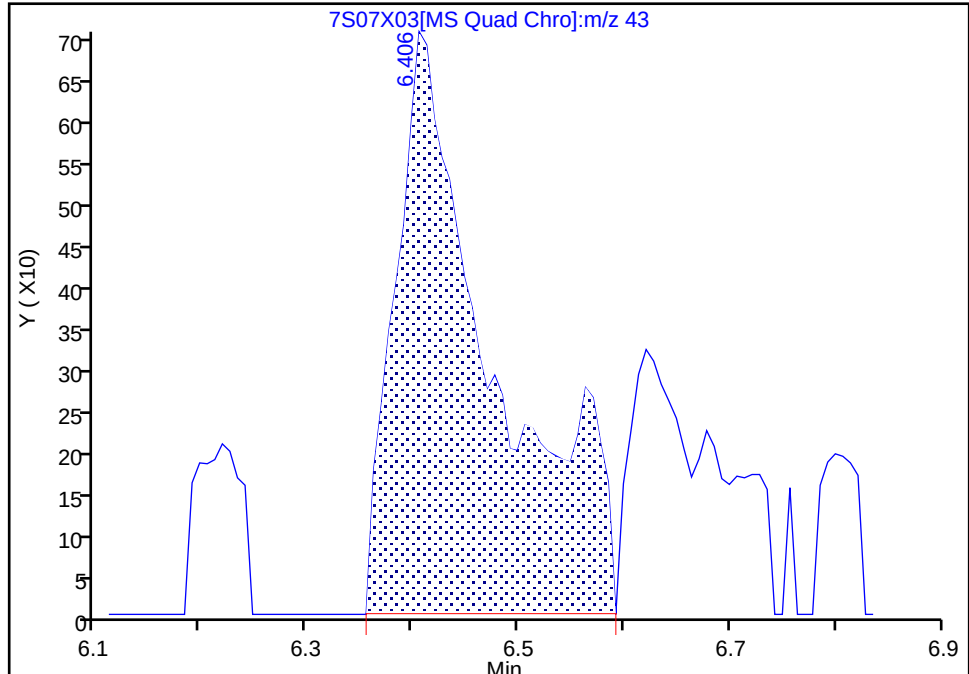
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D
Injection Date: 07-Sep-2025 22:59:10 Instrument ID: HP8R004
Lims ID: IC Cal 0.025ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

23 Acetone, CAS: 67-64-1

Signal: 1

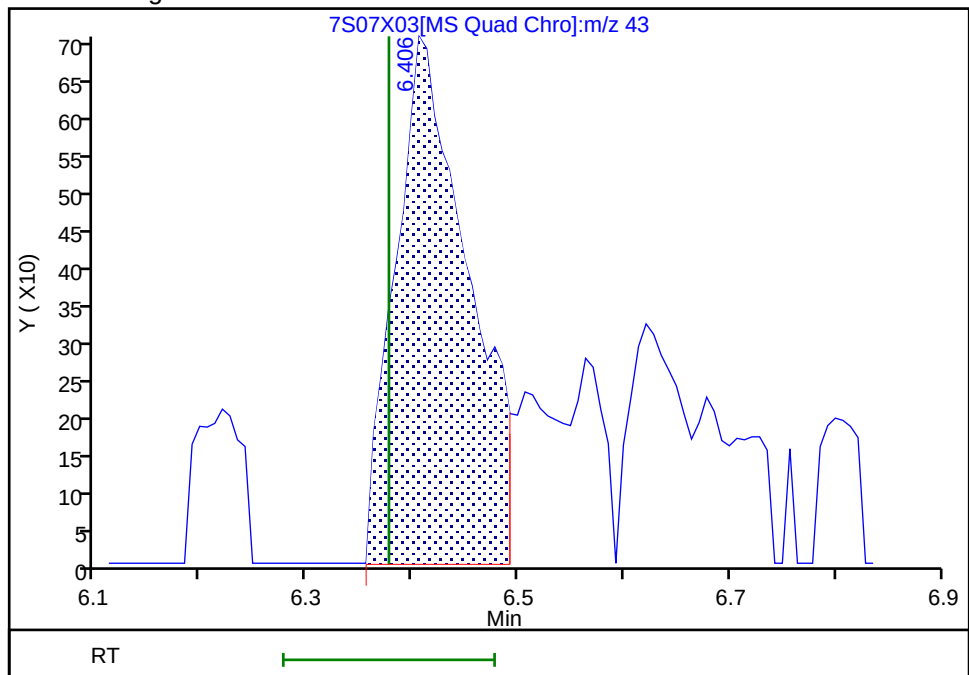
RT: 6.41
Area: 4568
Amount: 0.067000
Amount Units: ppb v/v

Processing Integration Results



RT: 6.41
Area: 3348
Amount: 0.067802
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:24:45 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

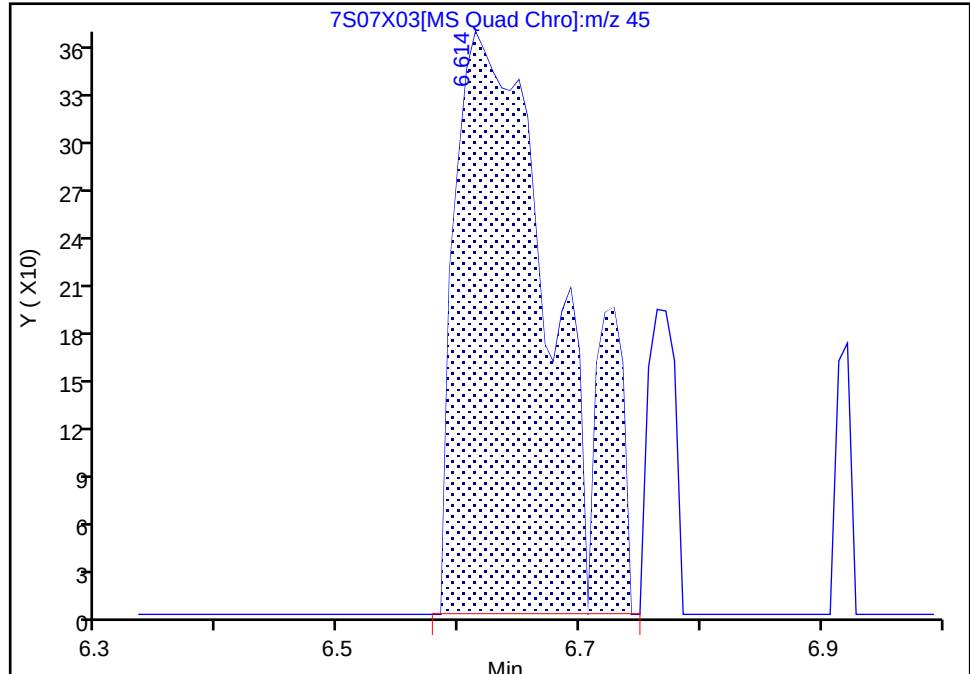
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D
Injection Date: 07-Sep-2025 22:59:10 Instrument ID: HP8R004
Lims ID: IC Cal 0.025ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

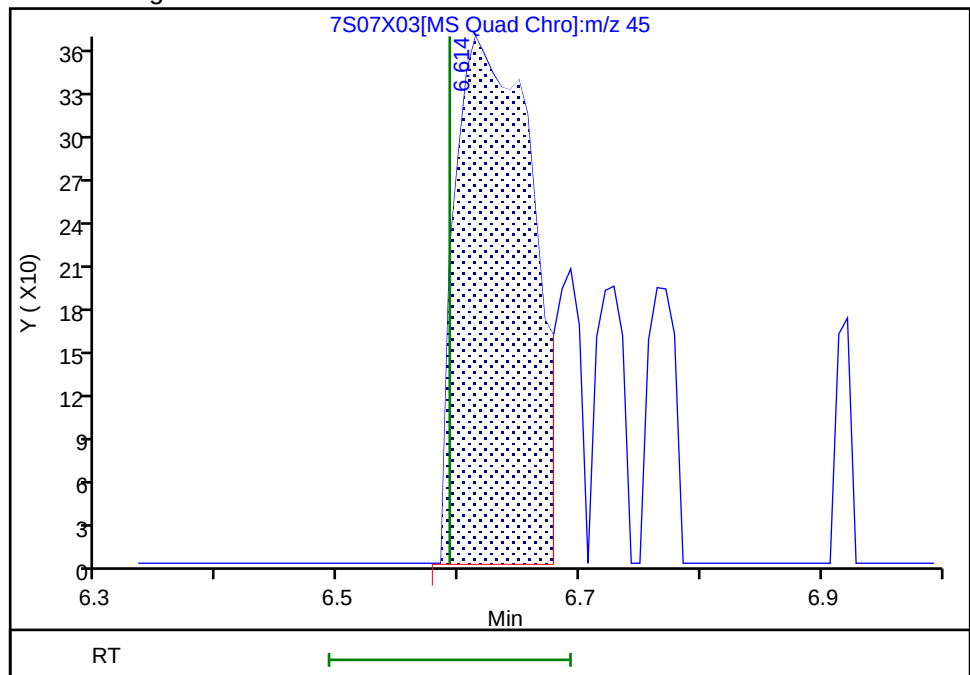
RT: 6.61
Area: 2146
Amount: 0.051321
Amount Units: ppb v/v

Processing Integration Results



RT: 6.61
Area: 1576
Amount: 0.043122
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:24:52 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D

Injection Date: 07-Sep-2025 22:59:10

Instrument ID: HP8R004

Lims ID: IC Cal 0.025ppb

Client ID:

Operator ID: AL109694

ALS Bottle#:

5

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

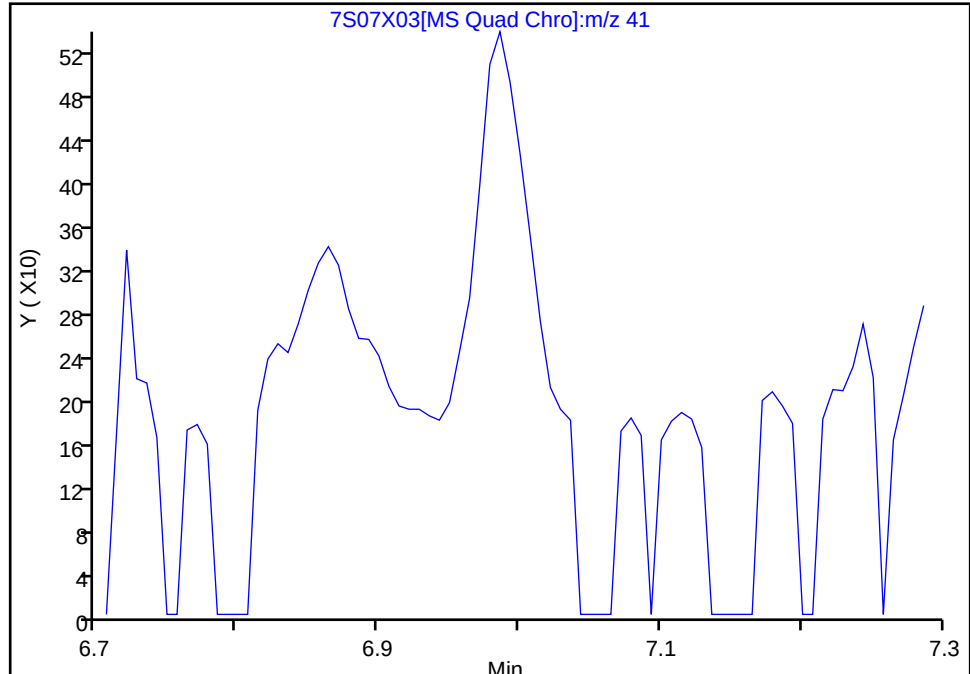
21 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

Not Detected

Expected RT: 6.97

Processing Integration Results



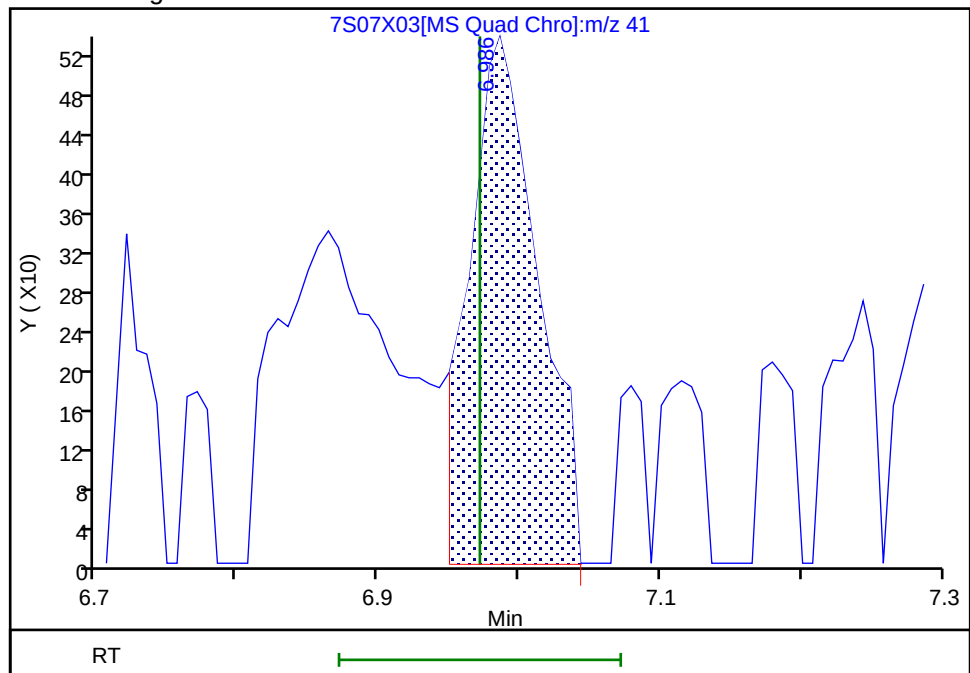
RT: 6.99

Area: 1787

Amount: 0.039217

Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:25:08 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

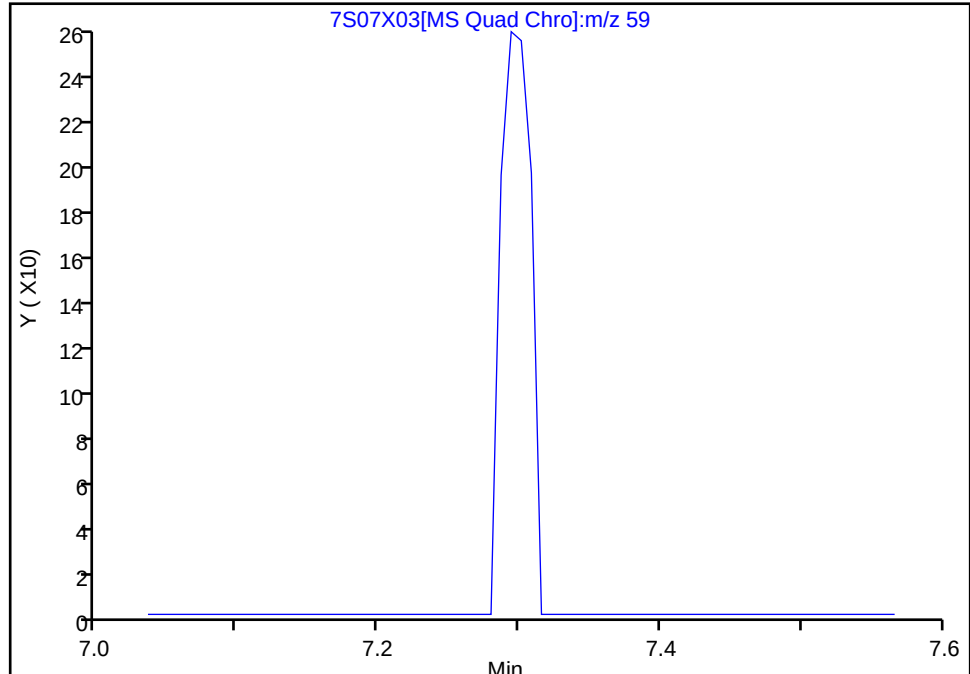
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D
Injection Date: 07-Sep-2025 22:59:10 Instrument ID: HP8R004
Lims ID: IC Cal 0.025ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

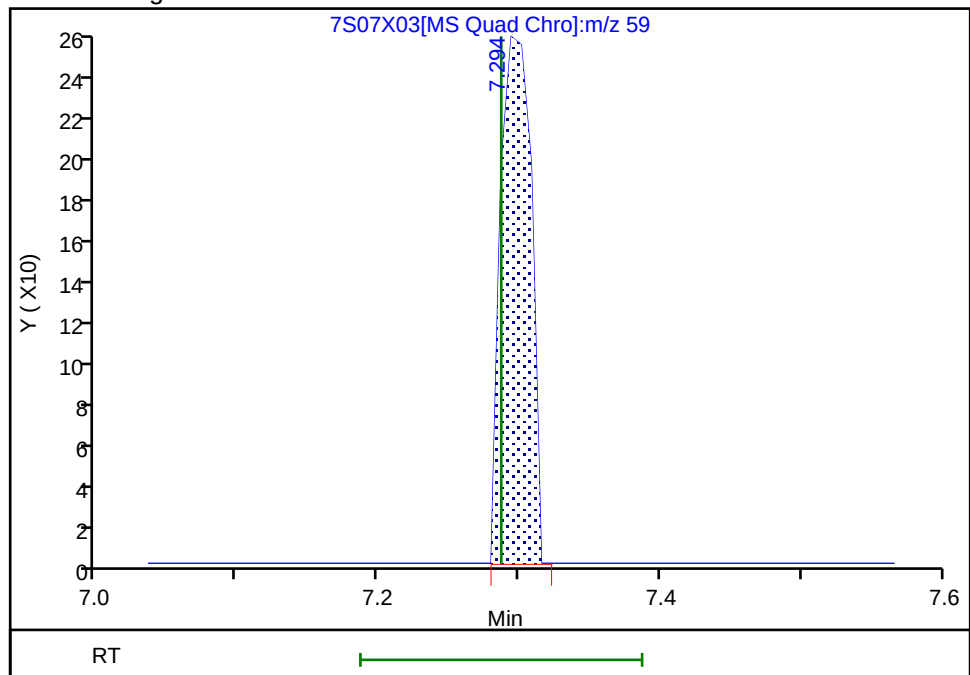
Not Detected
Expected RT: 7.29

Processing Integration Results



RT: 7.29
Area: 390
Amount: 0.012866
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:25:24 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

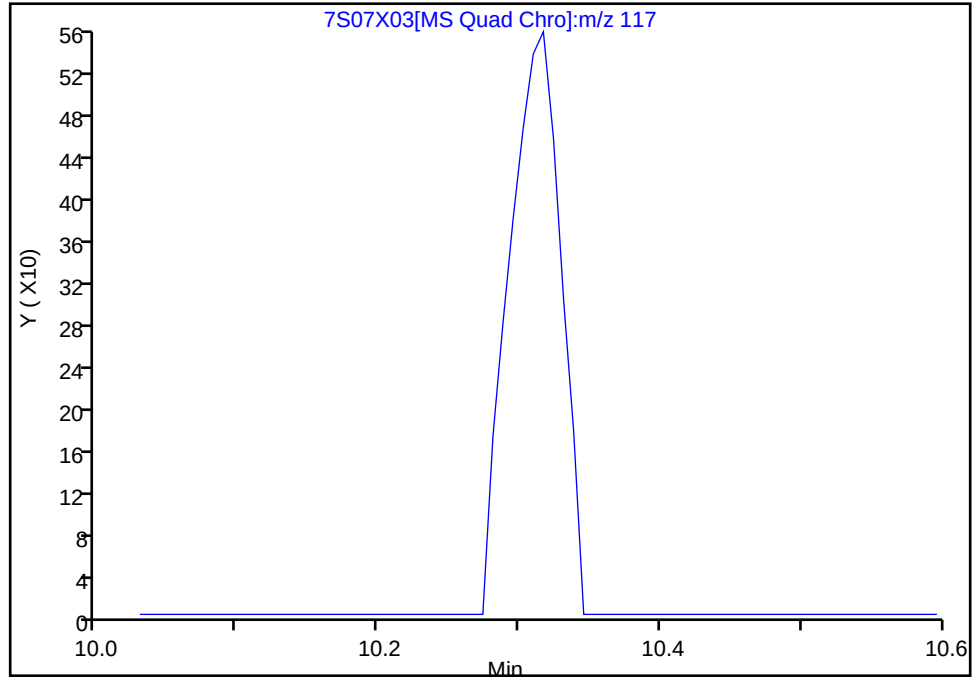
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D
Injection Date: 07-Sep-2025 22:59:10 Instrument ID: HP8R004
Lims ID: IC Cal 0.025ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

40 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

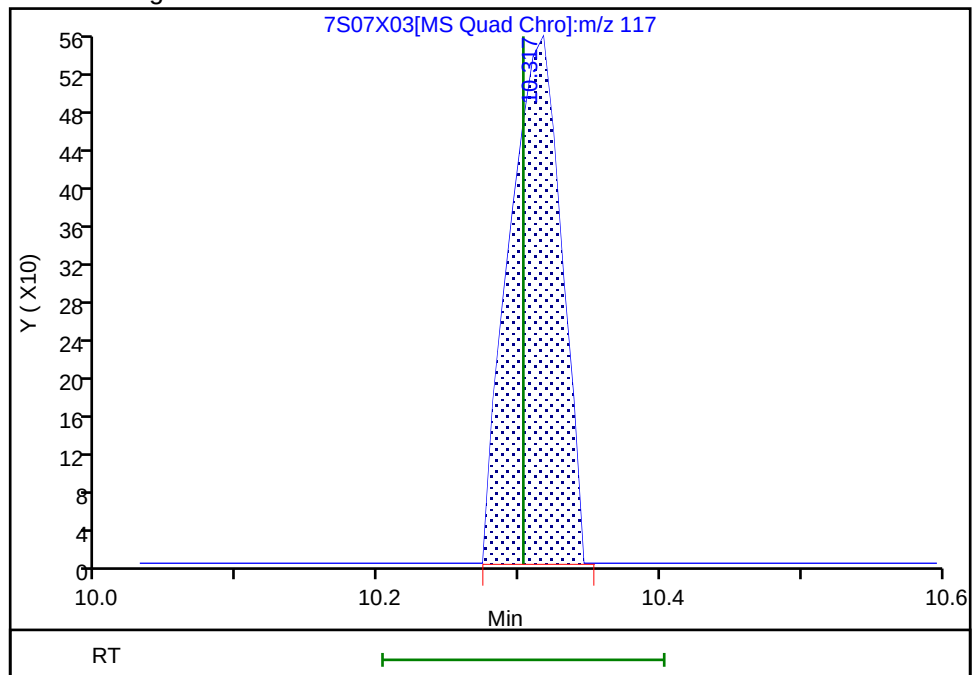
Not Detected
Expected RT: 10.30

Processing Integration Results



RT: 10.32
Area: 1409
Amount: 0.025372
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:26:24 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

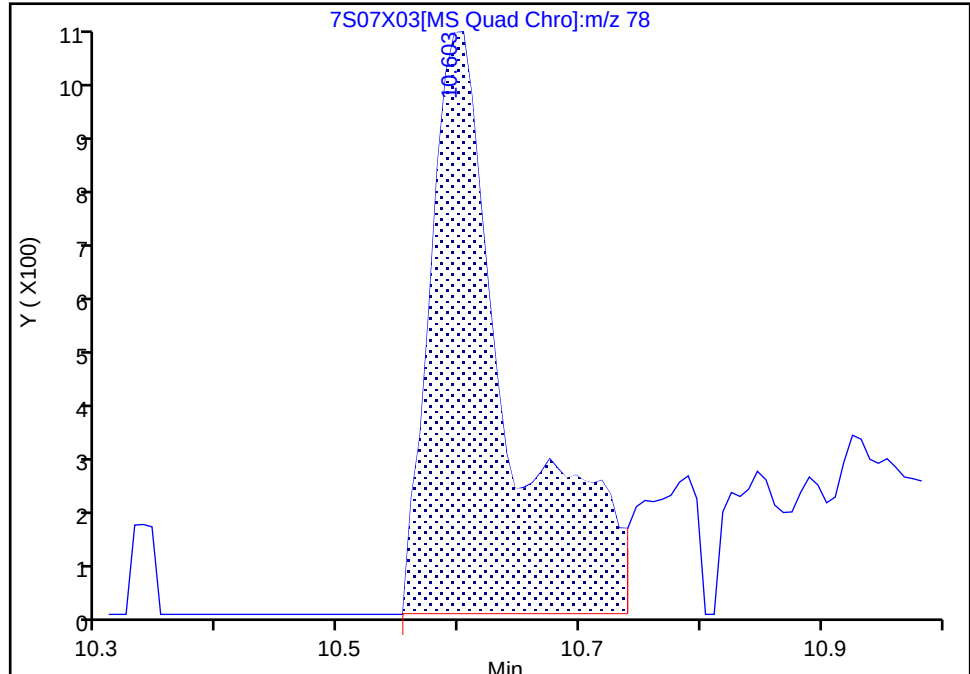
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D
Injection Date: 07-Sep-2025 22:59:10 Instrument ID: HP8R004
Lims ID: IC Cal 0.025ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

46 Benzene, CAS: 71-43-2

Signal: 1

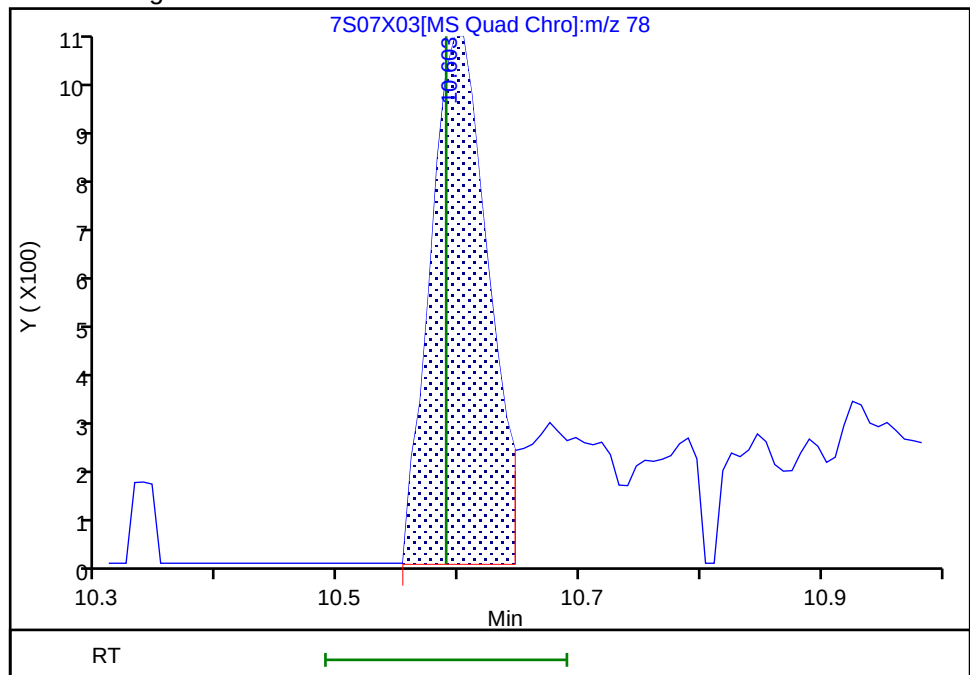
RT: 10.60
Area: 4612
Amount: 0.042843
Amount Units: ppb v/v

Processing Integration Results



RT: 10.60
Area: 3345
Amount: 0.032788
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:26:34 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

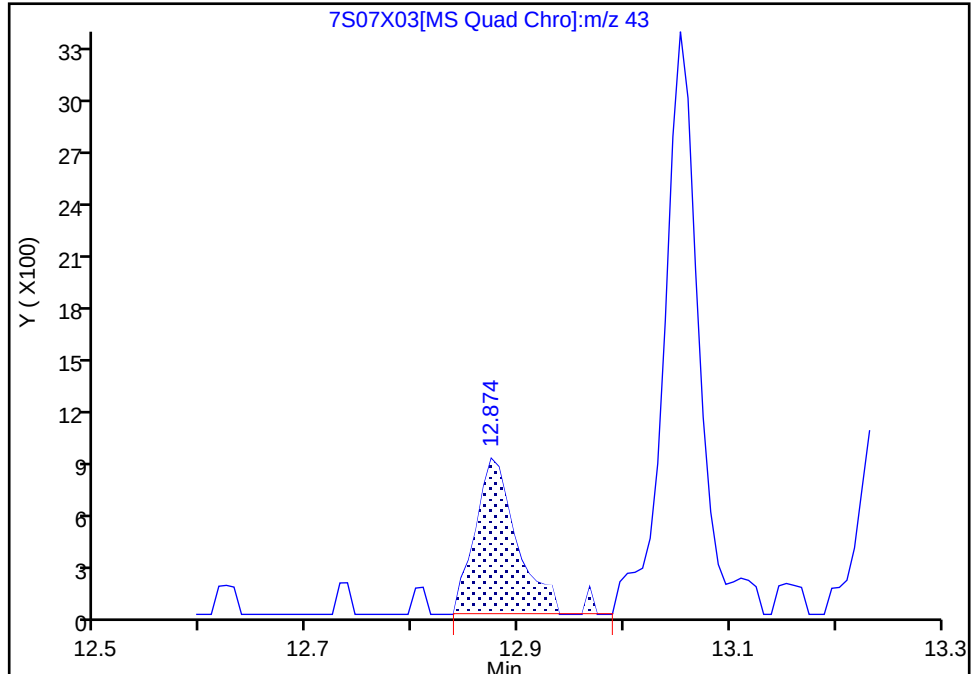
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D
Injection Date: 07-Sep-2025 22:59:10 Instrument ID: HP8R004
Lims ID: IC Cal 0.025ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

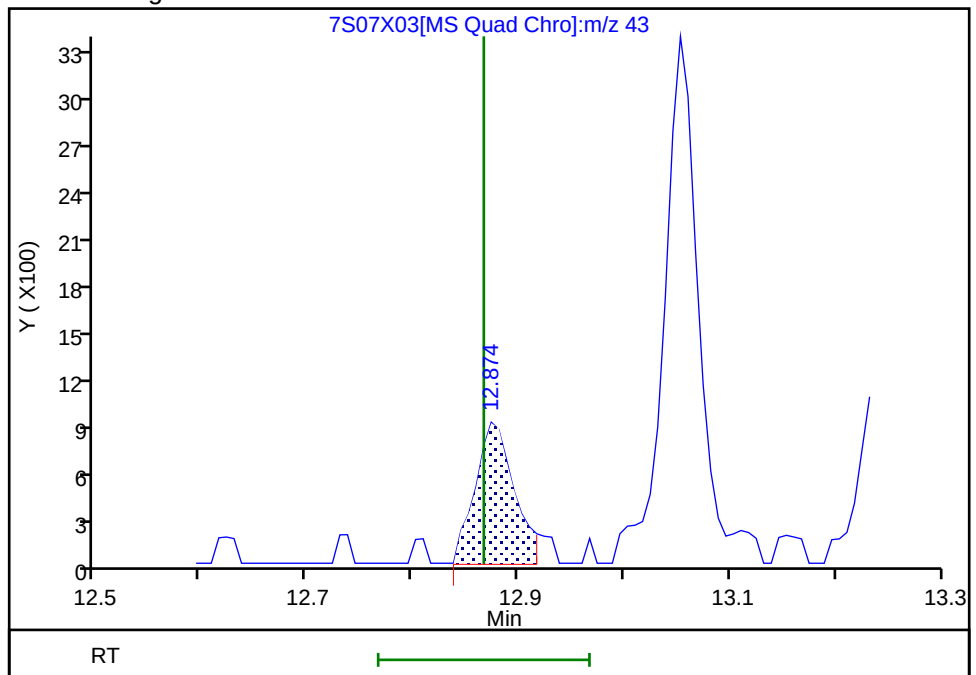
RT: 12.87
Area: 2549
Amount: 0.030969
Amount Units: ppb v/v

Processing Integration Results



RT: 12.87
Area: 2292
Amount: 0.029167
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 10:01:20 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

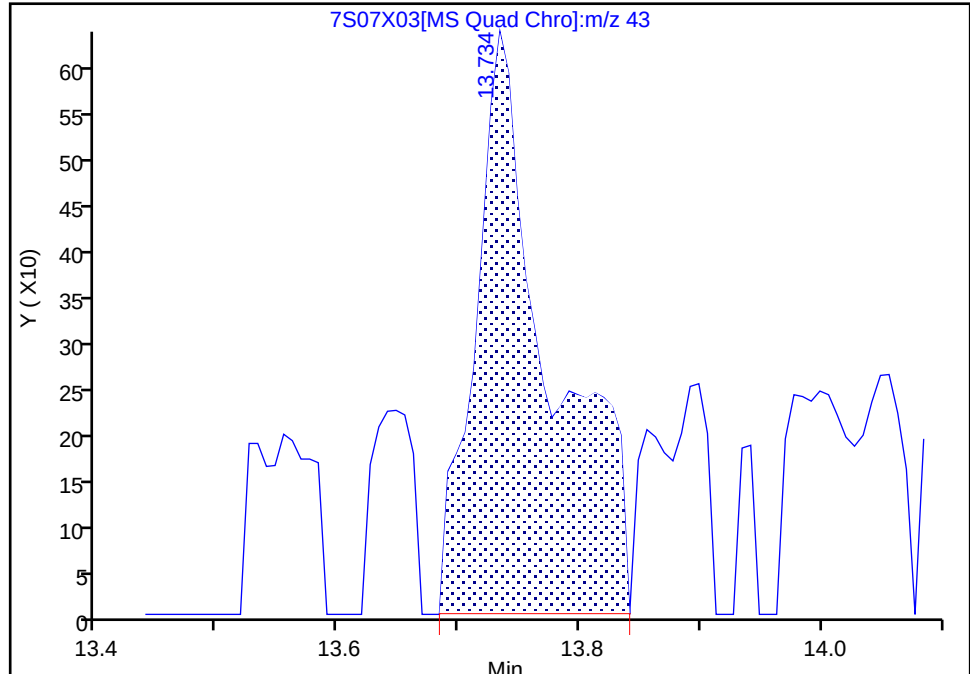
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D
Injection Date: 07-Sep-2025 22:59:10 Instrument ID: HP8R004
Lims ID: IC Cal 0.025ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

67 2-Hexanone, CAS: 591-78-6

Signal: 1

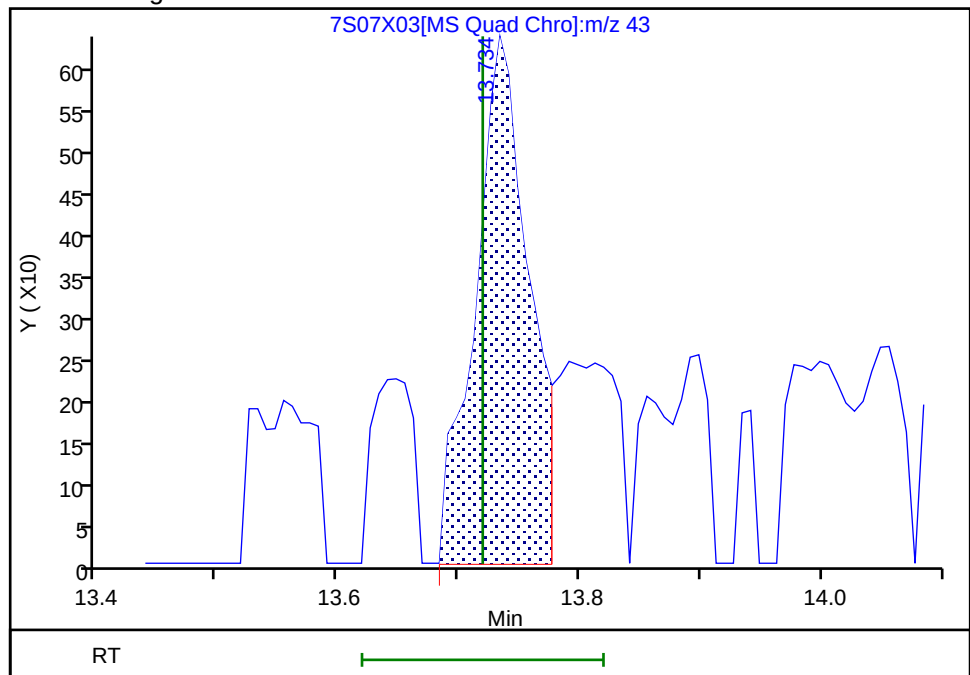
RT: 13.73
Area: 2758
Amount: 0.033312
Amount Units: ppb v/v

Processing Integration Results



RT: 13.73
Area: 1921
Amount: 0.025846
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:27:37 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

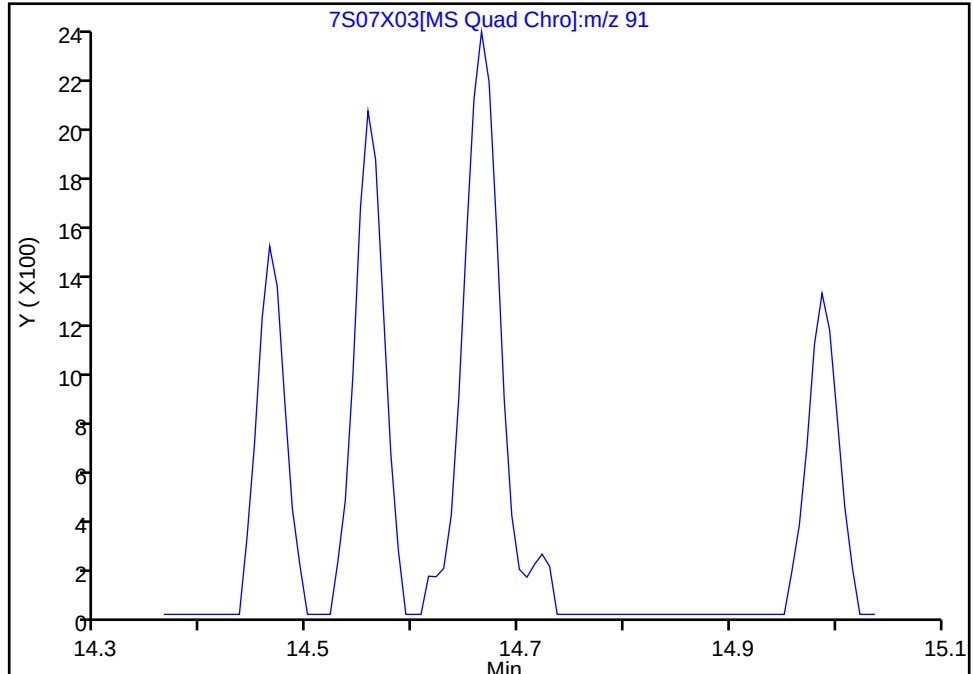
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D
Injection Date: 07-Sep-2025 22:59:10 Instrument ID: HP8R004
Lims ID: IC Cal 0.025ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

72 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

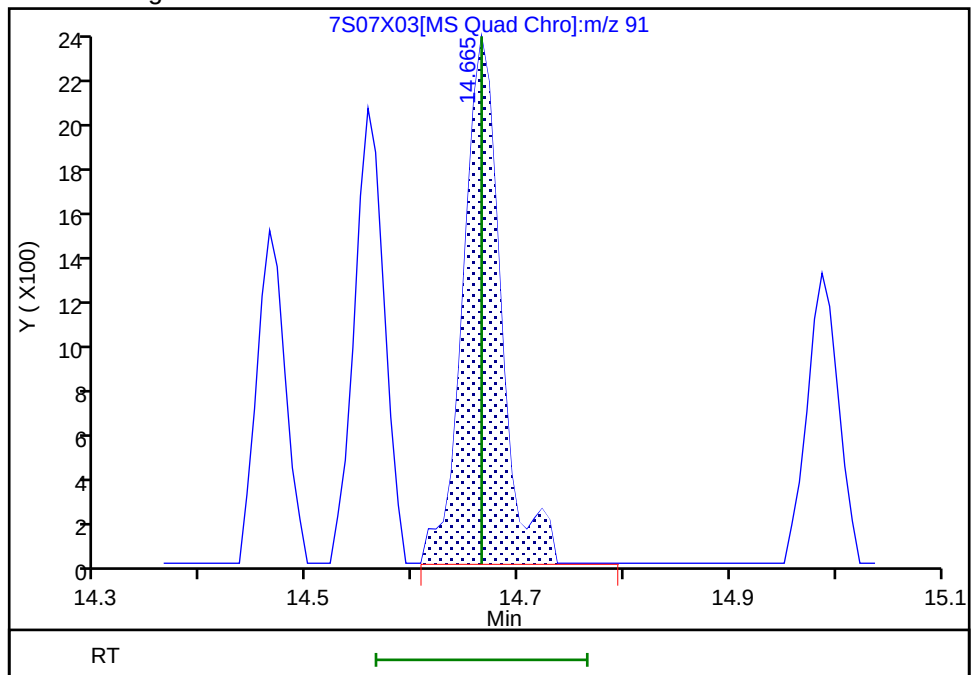
Not Detected
Expected RT: 14.66

Processing Integration Results



RT: 14.66
Area: 5940
Amount: 0.054330
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:27:56 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

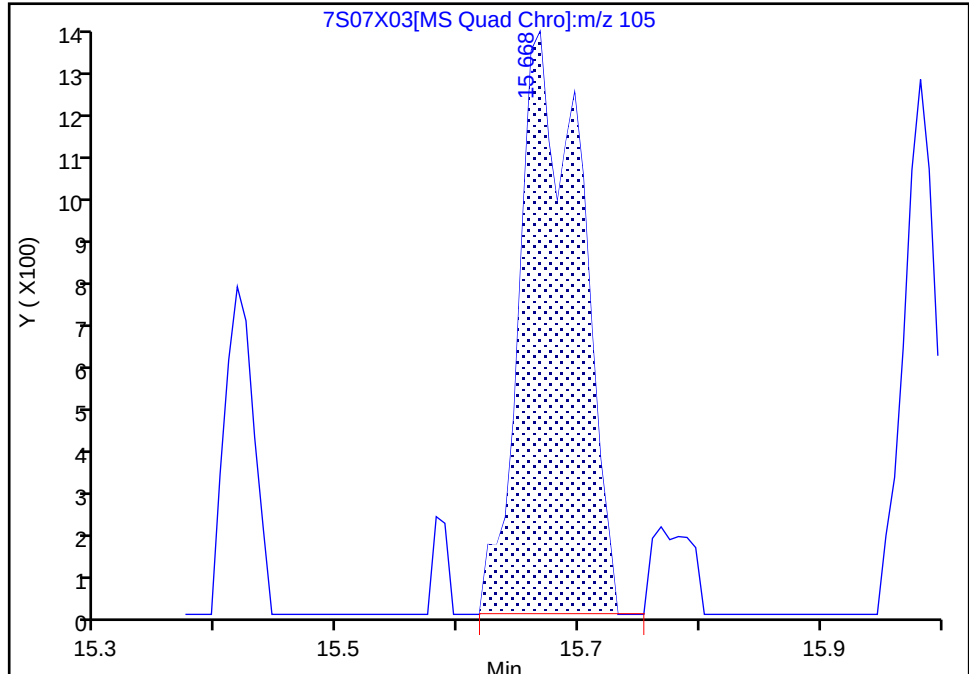
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D
Injection Date: 07-Sep-2025 22:59:10 Instrument ID: HP8R004
Lims ID: IC Cal 0.025ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

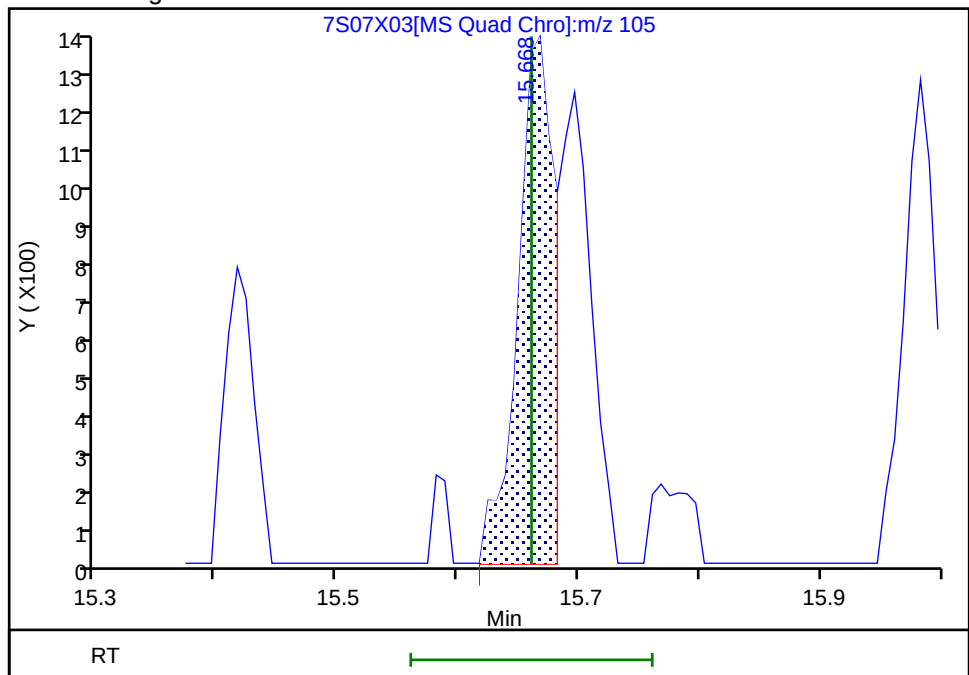
RT: 15.67
Area: 4679
Amount: 0.032205
Amount Units: ppb v/v

Processing Integration Results



RT: 15.67
Area: 2581
Amount: 0.018983
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:28:28 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

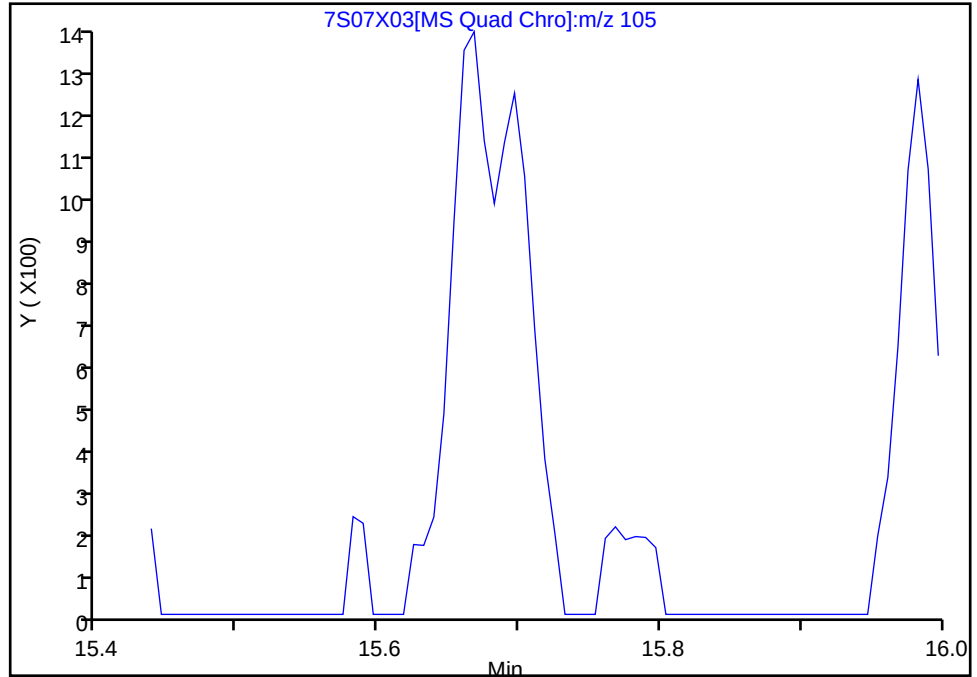
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D
Injection Date: 07-Sep-2025 22:59:10 Instrument ID: HP8R004
Lims ID: IC Cal 0.025ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

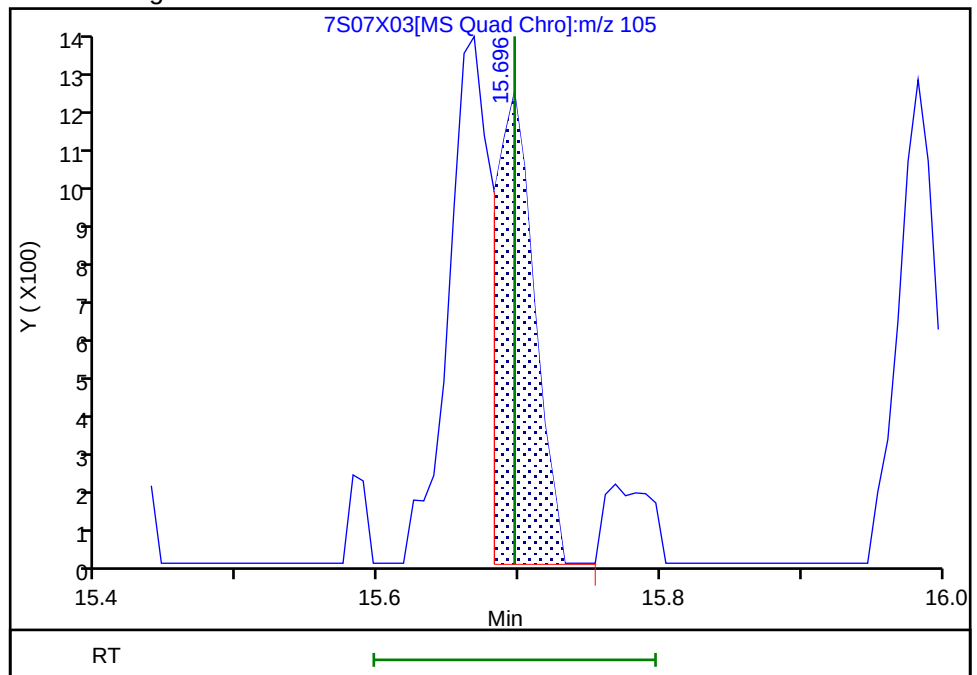
Not Detected
Expected RT: 15.70

Processing Integration Results



Manual Integration Results

RT: 15.70
Area: 2097
Amount: 0.019266
Amount Units: ppb v/v



Reviewer: D7UM, 10-Sep-2025 09:28:38 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

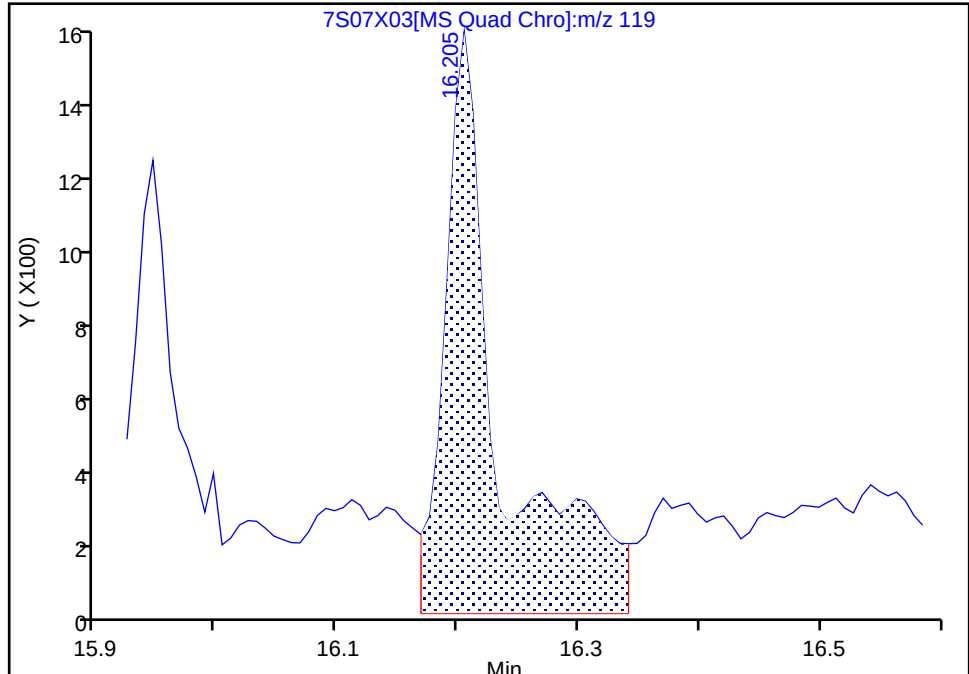
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D
Injection Date: 07-Sep-2025 22:59:10 Instrument ID: HP8R004
Lims ID: IC Cal 0.025ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

88 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

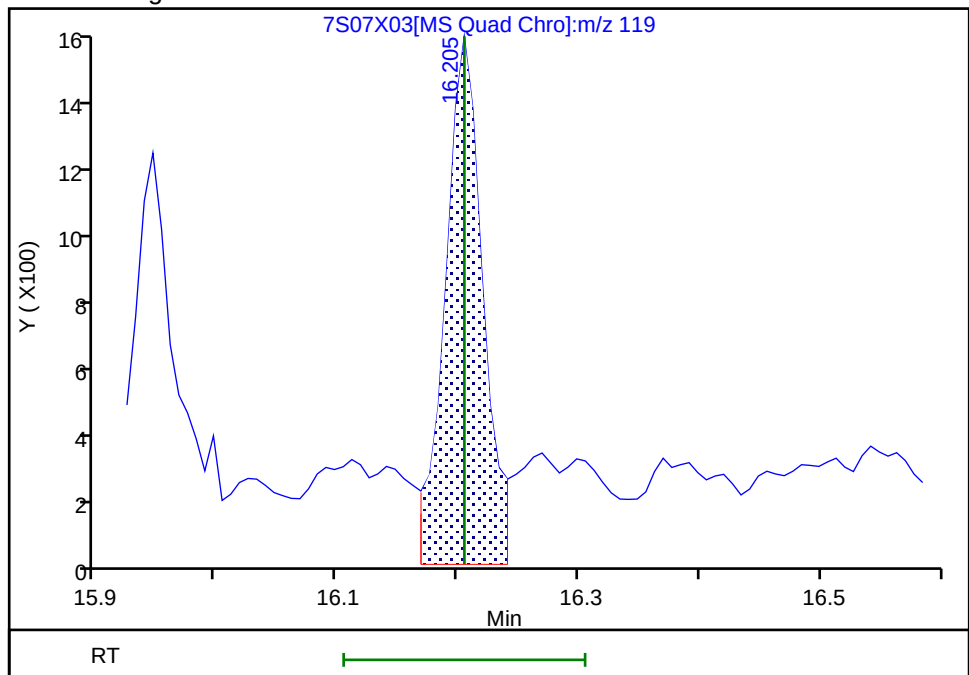
RT: 16.20
Area: 4865
Amount: 0.034923
Amount Units: ppb v/v

Processing Integration Results



RT: 16.20
Area: 3267
Amount: 0.024953
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:28:56 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D

Injection Date: 07-Sep-2025 22:59:10

Instrument ID: HP8R004

Lims ID: IC Cal 0.025ppb

Client ID:

Operator ID: AL109694

ALS Bottle#:

5

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

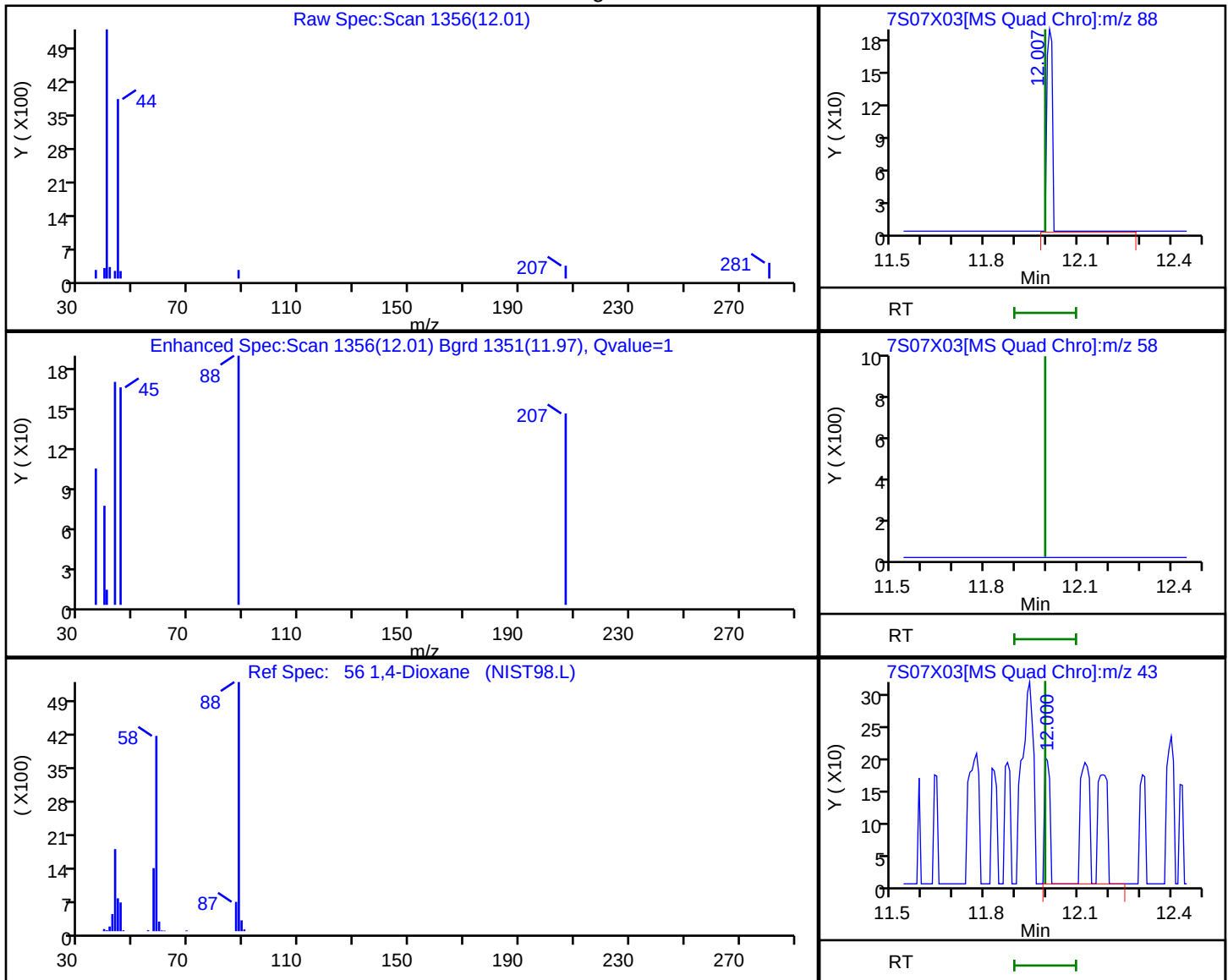
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

56 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
12.01	88.00	218	0.016460
11.99	58.00	0	
12.00	43.00	960	

Reviewer: D7UM, 10-Sep-2025 10:02:07 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D

Injection Date: 07-Sep-2025 22:59:10

Instrument ID: HP8R004

Lims ID: IC Cal 0.025ppb

Client ID:

Operator ID: AL109694

ALS Bottle#:

5

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

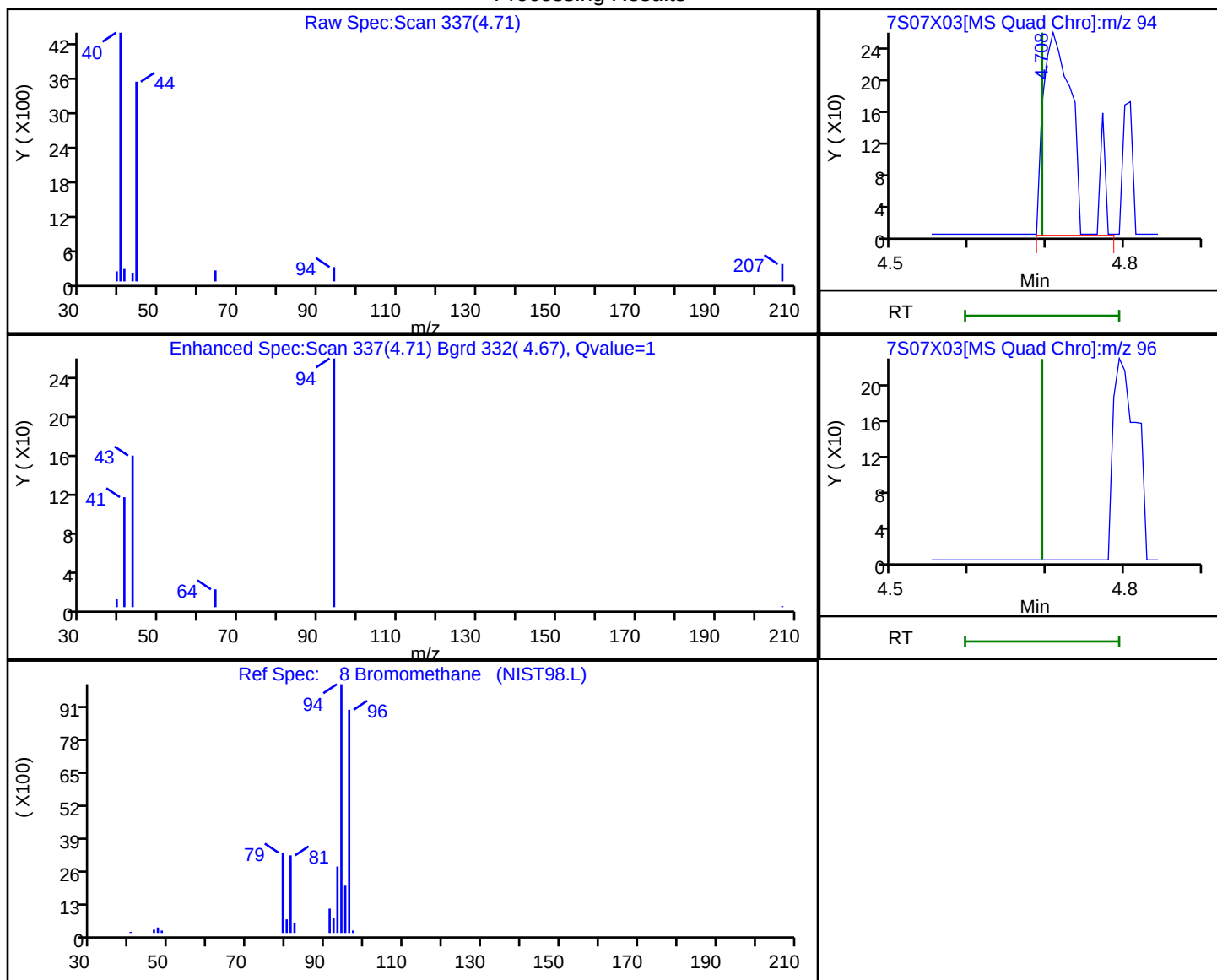
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

8 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
4.71	94.00	670	0.031451
4.69	96.00	0	

Reviewer: D7UM, 10-Sep-2025 09:24:25 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D

Injection Date: 07-Sep-2025 22:59:10

Instrument ID: HP8R004

Lims ID: IC Cal 0.025ppb

Client ID:

Operator ID: AL109694

ALS Bottle#:

5

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

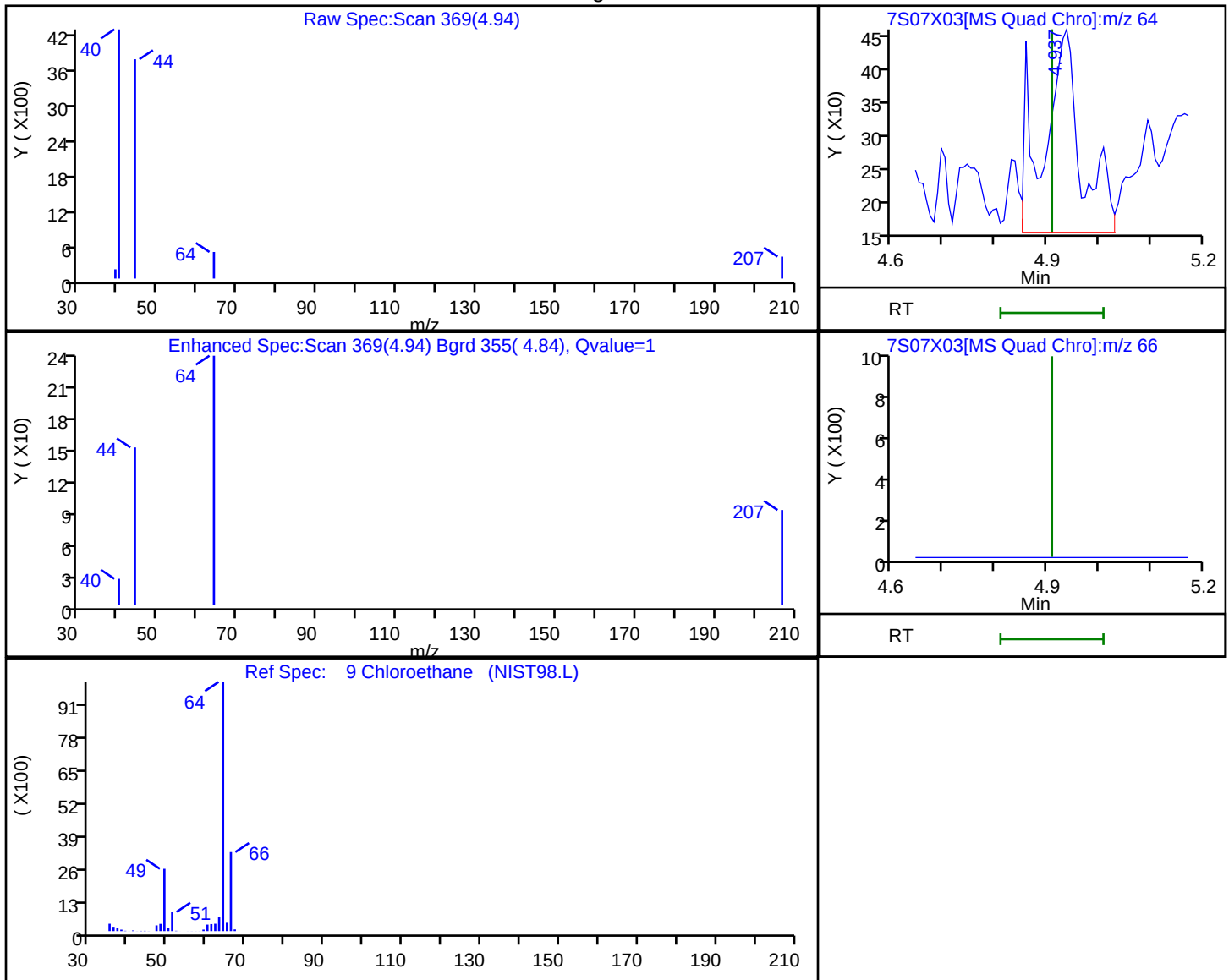
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

9 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
4.94	64.00	1453	0.052255
4.91	66.00	0	

Reviewer: D7UM, 10-Sep-2025 09:24:28 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D

Injection Date: 07-Sep-2025 22:59:10

Instrument ID: HP8R004

Lims ID: IC Cal 0.025ppb

Client ID:

Operator ID: AL109694

ALS Bottle#:

5

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

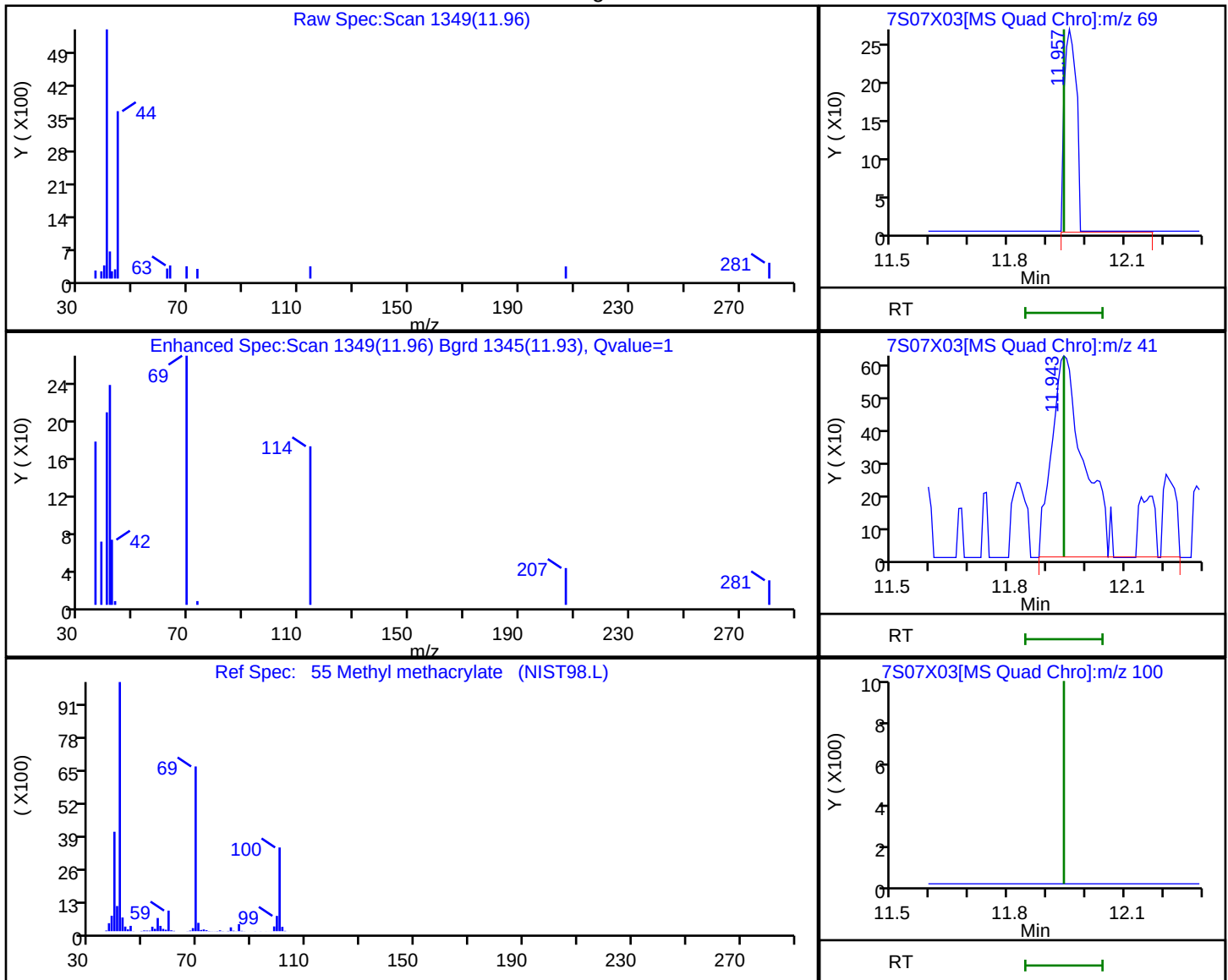
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

55 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
11.96	69.00	564	0.018105
11.94	41.00	4735	
11.94	100.00	0	

Reviewer: D7UM, 10-Sep-2025 09:26:55 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X03.D

Injection Date: 07-Sep-2025 22:59:10

Instrument ID: HP8R004

Lims ID: IC Cal 0.025ppb

Client ID:

Operator ID: AL109694

ALS Bottle#:

5

Worklist Smp#: 3

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

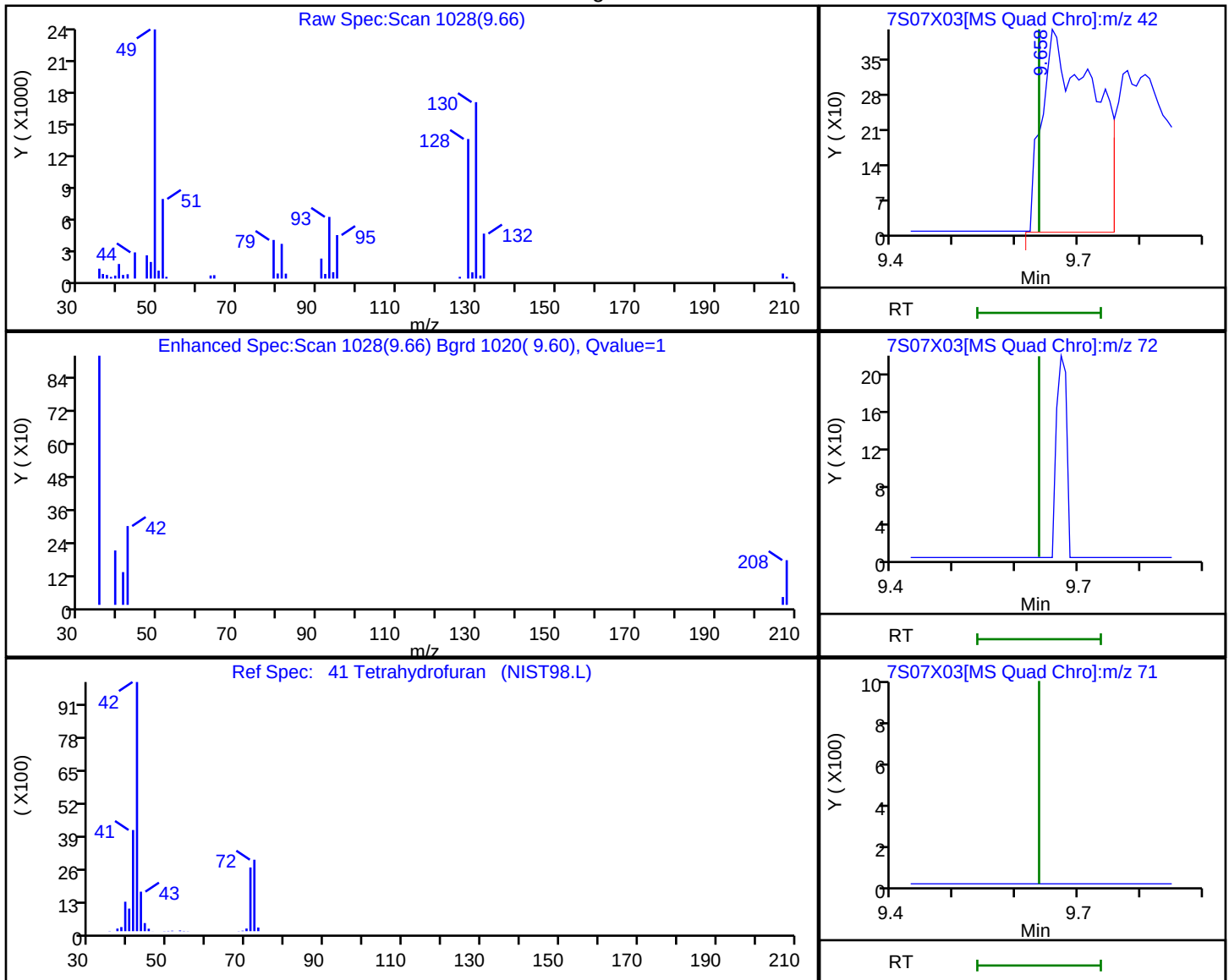
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

41 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.66	42.00	2296	0.049430
9.64	72.00	0	
9.64	71.00	0	

Reviewer: D7UM, 10-Sep-2025 09:26:11 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D
 Lims ID: IC Cal 0.05ppb
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 07-Sep-2025 23:25:34 ALS Bottle#: 5 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: IC CAL 0.05PPB
 Misc. Info.: 410-0158855-004
 Operator ID: AL109694 Instrument ID: HP8R004
 Sublist: chrom-TO15LLMethods_HP8R004*sub1
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 11-Sep-2025 08:47:03 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1694

First Level Reviewer: JXC9

Date: 09-Sep-2025 13:45:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.312	3.304	0.008	73	1837	NC	NC	M
2 Dichlorodifluoromethane	85	3.376	3.376	0.000	58	3617	0.0500	0.0476	
3 Chlorodifluoromethane	51	3.412	3.412	0.000	29	2393	0.0500	0.0556	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.648	3.641	0.007	62	3337	0.0500	0.0493	
5 Chloromethane	50	3.763	3.770	-0.007	60	2811	0.0500	0.1032	M
124 Butane	43	4.006	4.006	0.000	53	3142	0.0500	0.0615	M
6 Vinyl chloride	62	4.014	4.013	0.001	12	1442	0.0500	0.0520	
7 Butadiene	54	4.092	4.092	0.000	56	1239	0.0500	0.0577	
8 Bromomethane	94	4.694	4.694	0.000	9	1034	0.0500	0.0501	
9 Chloroethane	64	4.909	4.909	0.000	38	1042	0.0500	0.0622	M
10 Vinyl bromide	106	5.274	5.274	0.000	55	1507	0.0500	0.0561	
13 Dichlorofluoromethane	67	5.332	5.331	0.001	17	3538	NC	NC	
12 Trichlorofluoromethane	101	5.403	5.403	0.000	43	3462	0.0500	0.0500	
11 Pentane	43	5.589	5.582	0.007	72	3417	NC	NC	
19 Acrolein	56	6.184	6.148	0.036	60	664	NC	NC	
15 1,1-Dichloroethene	61	6.342	6.349	-0.007	56	2701	0.0500	0.0576	
16 1,1,2-Trichloro-1,2,2-trifluoroe	103	6.377	6.370	0.007	38	1705	0.0500	0.0494	
23 Acetone	43	6.392	6.377	0.015	87	4269	0.0500	0.0863	M
20 Isopropyl alcohol	45	6.607	6.592	0.015	57	1907	0.0500	0.0521	M
18 Iodomethane	142	6.614	6.606	0.008	18	1625	NC	NC	
17 Carbon disulfide	76	6.757	6.757	0.000	90	6080	0.0500	0.0613	
21 3-Chloro-1-propene	41	6.979	6.972	0.007	48	3677	0.0500	0.0806	M
22 Methylene Chloride	84	7.187	7.187	0.000	60	1811	0.0500	0.0690	
27 2-Methyl-2-propanol	59	7.301	7.287	0.014	30	1589	0.0570	0.0523	
31 Acrylonitrile	53	7.552	7.531	0.021	66	1099	NC	NC	
26 Methyl tert-butyl ether	73	7.638	7.631	0.007	67	3859	0.0500	0.0538	
24 trans-1,2-Dichloroethene	61	7.667	7.659	0.008	55	3014	0.0500	0.0605	
25 Hexane	56	8.118	8.111	0.007	59	1276	0.0500	0.0496	
30 1,1-Dichloroethane	63	8.354	8.347	0.007	9	3353	0.0500	0.0552	
29 Isopropyl ether	45	8.397	8.390	0.007	82	4850	NC	NC	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 Tert-butyl ethyl ether	59	8.963	8.963	0.000	74	4042	NC	NC	
34 cis-1,2-Dichloroethene	61	9.243	9.235	0.008	16	3313	0.0500	0.0586	
38 Ethyl acetate	70	9.257	9.243	0.015	51	284	NC	NC	M
* 35 Chlorobromomethane (IS)	130	9.615	9.608	0.007	90	332852	10.0	10.0	
41 Tetrahydrofuran	42	9.651	9.636	0.015	53	2873	0.0500	0.0706	M
37 Chloroform	83	9.758	9.751	0.007	54	3973	0.0500	0.0583	
42 1,1,1-Trichloroethane	97	10.045	10.045	0.000	32	3179	0.0500	0.0529	
36 Cyclohexane	56	10.188	10.188	0.000	64	2625	0.0500	0.0553	
40 Carbon tetrachloride	117	10.310	10.303	0.007	50	2502	0.0500	0.0450	M
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.539	10.532	0.007	0	538737	NC	NC	
46 Benzene	78	10.589	10.589	0.000	27	5461	0.0500	0.0547	
48 1,2-Dichloroethane	62	10.661	10.654	0.007	26	2616	0.0500	0.0569	
47 Tert-amyl methyl ether	73	10.768	10.768	0.000	54	4066	NC	NC	M
44 Isooctane	57	10.776	10.775	0.001	77	7765	0.0500	0.0508	
45 n-Heptane	71	11.019	11.019	0.000	18	1624	0.0500	0.0538	
* 50 1,4-Difluorobenzene	114	11.220	11.212	0.008	96	1234157	10.0	10.0	
49 Trichloroethene	130	11.585	11.585	0.000	59	2140	0.0500	0.0539	
52 Ethyl acrylate	55	11.649	11.635	0.014	35	2499	NC	NC	M
53 1,2-Dichloropropane	63	11.929	11.929	0.000	51	2569	0.0500	0.0619	
55 Methyl methacrylate	69	11.957	11.943	0.014	57	1365	0.0500	0.0433	
56 1,4-Dioxane	88	12.000	11.993	0.007	16	790	0.0500	0.0586	
51 Dibromomethane	174	12.051	12.043	0.008	71	2285	NC	NC	
54 Dichlorobromomethane	83	12.244	12.244	0.000	48	3615	0.0500	0.0497	
57 cis-1,3-Dichloropropene	75	12.753	12.745	0.008	58	3425	0.0500	0.0586	
60 4-Methyl-2-pentanone (MIBK)	43	12.874	12.867	0.007	87	4376	0.0500	0.0569	M
\$ 103 Toluene-d8 (Surr)	98	13.053	13.053	0.000	95	1382192	NC	NC	
59 Toluene	91	13.132	13.125	0.007	70	7152	0.0500	0.0591	M
58 n-Octane	43	13.240	13.240	0.000	72	5143	NC	NC	M
62 trans-1,3-Dichloropropene	75	13.347	13.340	0.007	54	2644	0.0500	0.0545	
63 Ethyl methacrylate	69	13.369	13.368	0.001	52	2499	NC	NC	
64 1,1,2-Trichloroethane	97	13.548	13.548	0.000	50	2118	0.0500	0.0522	
61 Tetrachloroethene	166	13.669	13.662	0.007	80	4334	0.0500	0.0832	
67 2-Hexanone	43	13.734	13.719	0.015	58	3252	0.0500	0.0442	M
65 Chlorodibromomethane	127	13.934	13.934	0.000	46	2628	0.0500	0.0504	
66 Ethylene Dibromide	107	14.063	14.063	0.000	63	2988	0.0500	0.0491	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	90	1174502	10.0	10.0	
69 Chlorobenzene	112	14.493	14.493	0.000	44	5321	0.0500	0.0581	
70 Ethylbenzene	91	14.558	14.558	0.000	81	7430	0.0500	0.0509	
71 1,1,1,2-Tetrachloroethane	131	14.558	14.558	0.000	33	2380	NC	NC	
72 m-Xylene & p-Xylene	91	14.665	14.665	0.000	94	11021	0.1000	0.1017	
73 o-Xylene	91	14.987	14.987	0.000	79	5496	0.0500	0.0510	
74 Styrene	104	15.002	15.002	0.000	76	3758	0.0500	0.0480	
75 Bromoform	173	15.174	15.174	0.000	50	2619	0.0500	0.0464	
76 Isopropylbenzene	105	15.267	15.267	0.000	10	6726	0.0500	0.0499	
79 1,1,2,2-Tetrachloroethane	83	15.482	15.482	0.000	3	5364	0.0500	0.0579	
83 1,2,3-Trichloropropane	110	15.546	15.539	0.007	48	1278	NC	NC	a
78 Bromobenzene	156	15.546	15.539	0.007	77	2823	NC	NC	
77 N-Propylbenzene	120	15.582	15.582	0.000	46	2016	0.0500	0.0551	
80 4-Ethyltoluene	105	15.668	15.661	0.007	70	5617	0.0500	0.0417	M
81 2-Chlorotoluene	126	15.668	15.668	0.000	78	1865	0.0500	0.0534	
82 1,3,5-Trimethylbenzene	105	15.697	15.696	0.001	45	5037	0.0500	0.0467	Ma
84 Alpha Methyl Styrene	118	15.861	15.861	0.000	69	3064	NC	NC	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
85 tert-Butylbenzene	119	15.947	15.940	0.007	75	4478	0.0500	0.0417	M
86 1,2,4-Trimethylbenzene	105	15.983	15.983	0.000	61	5932	0.0500	0.0520	
87 sec-Butylbenzene	105	16.105	16.105	0.000	75	8034	0.0500	0.0491	M
88 4-Isopropyltoluene	119	16.205	16.205	0.000	82	6904	0.0500	0.0532	M
89 1,3-Dichlorobenzene	146	16.234	16.227	0.007	78	3685	0.0500	0.0488	
90 1,4-Dichlorobenzene	146	16.305	16.298	0.007	77	4236	0.0500	0.0557	
92 Benzyl chloride	126	16.370	16.370	0.000	47	875	0.0500	0.0490	
91 n-Butylbenzene	92	16.506	16.506	0.000	86	3565	0.0500	0.0509	
94 1,2-Dichlorobenzene	146	16.578	16.578	0.000	61	3551	0.0500	0.0508	
93 Hexachloroethane	117	16.814	16.814	0.000	11	804	NC	NC	
95 1,2-Dibromo-3-Chloropropane	157	17.179	17.179	0.000	41	2103	NC	NC	
97 1,2,4-Trichlorobenzene	180	17.889	17.881	0.007	32	1333	0.0500	0.0282	
96 Hexachlorobutadiene	225	17.982	17.974	0.008	59	2293	0.0500	0.0539	
98 Naphthalene	128	18.154	18.153	0.001	56	3268	0.0500	0.0291	
S 100 1,2-Dichloroethene, Total	61				0	6327	0.1000	0	
S 109 1,3-Dichloropropene, Total	75				0		0.1000	0.1131	
S 101 Xylenes, Total	91				0	16517	0.1500	0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

AIRCAL0.5_00151

Amount Added: 20.00

Units: mL

AIRIS200 ppb_00521

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 11-Sep-2025 08:47:14

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D

Injection Date: 07-Sep-2025 23:25:34

Instrument ID: HP8R004

Lims ID: IC Cal 0.05ppb

Client ID:

Operator ID: AL109694

ALS Bottle#: 5

Worklist Smp#: 4

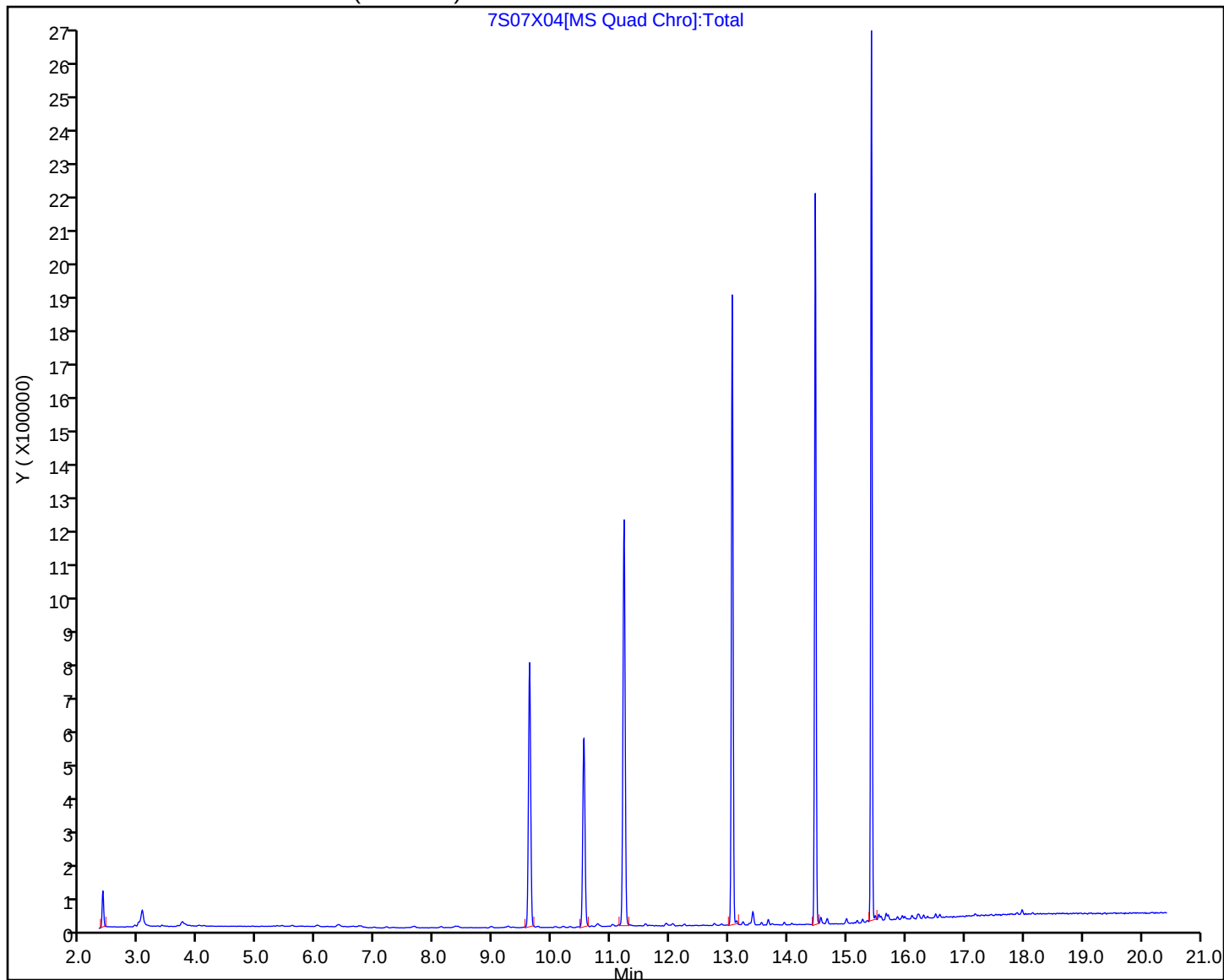
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

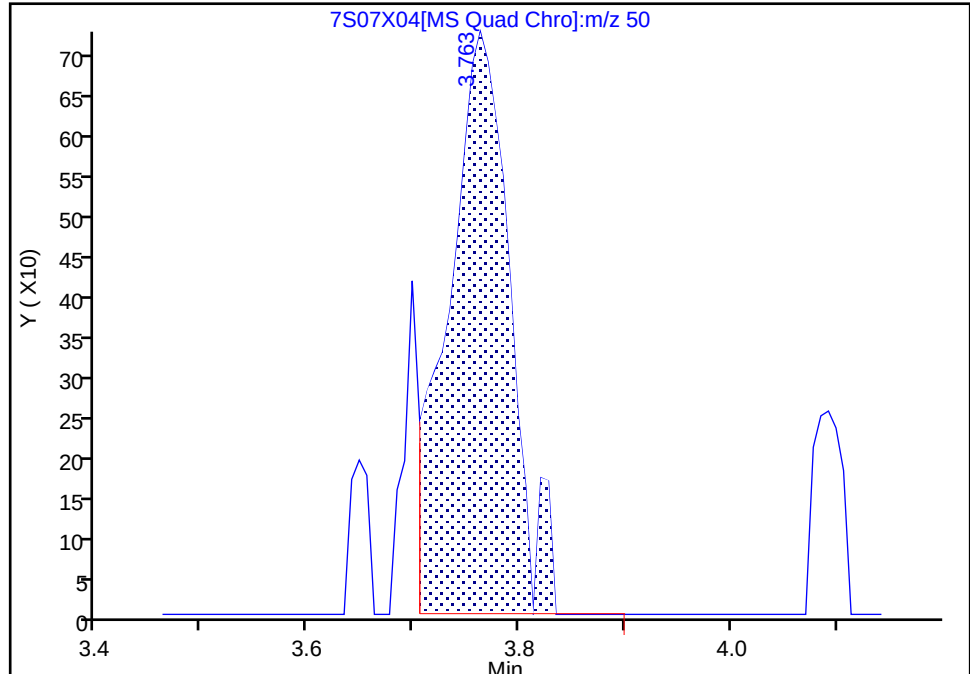
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Injection Date: 07-Sep-2025 23:25:34 Instrument ID: HP8R004
Lims ID: IC Cal 0.05ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

5 Chloromethane, CAS: 74-87-3

Signal: 1

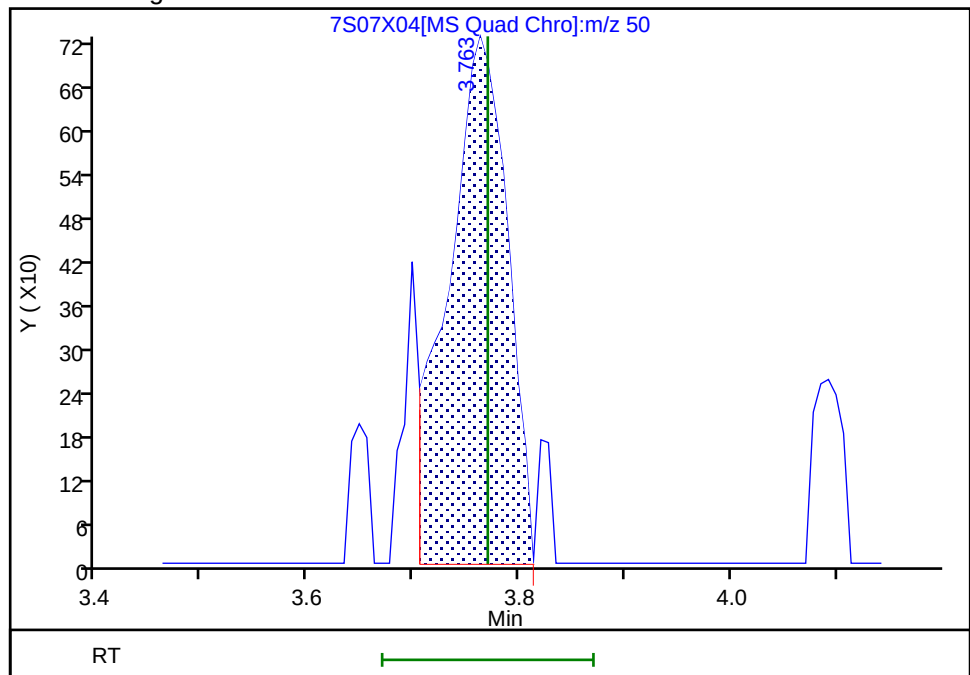
RT: 3.76
Area: 2956
Amount: 0.081763
Amount Units: ppb v/v

Processing Integration Results



RT: 3.76
Area: 2811
Amount: 0.103230
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:47:26 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

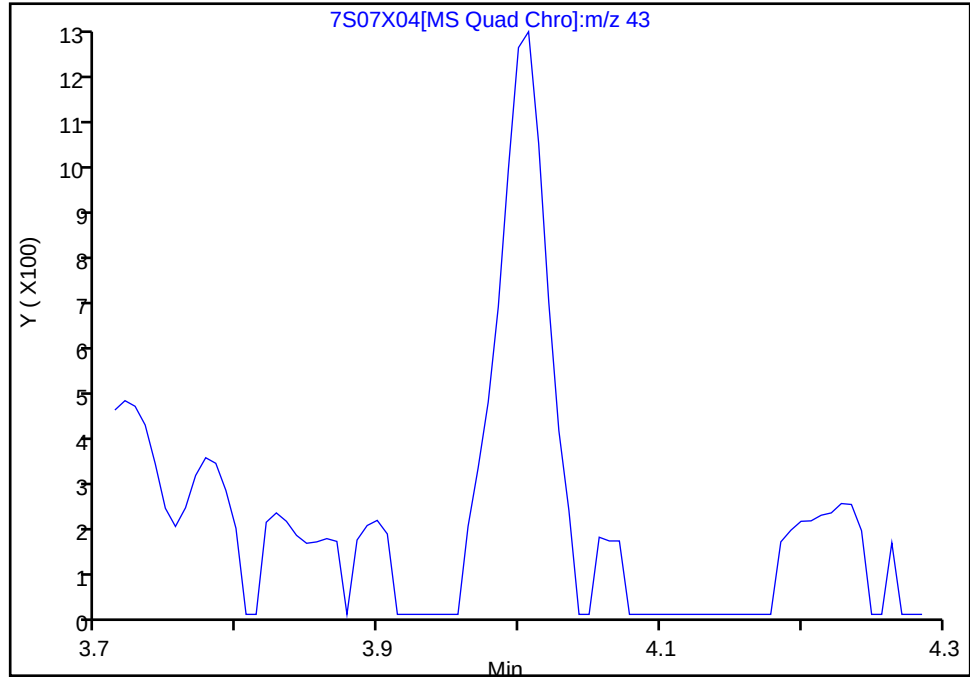
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D
Injection Date: 07-Sep-2025 23:25:34 Instrument ID: HP8R004
Lims ID: IC Cal 0.05ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

124 Butane, CAS: 106-97-8

Signal: 1

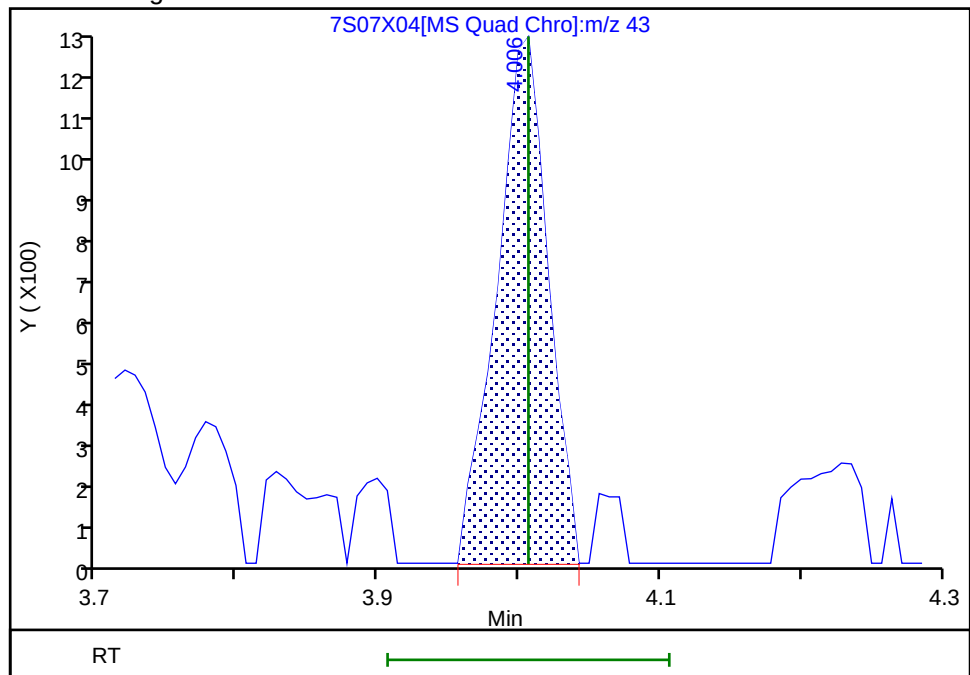
Not Detected
Expected RT: 4.01

Processing Integration Results



RT: 4.01
Area: 3142
Amount: 0.061480
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 11:08:11 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

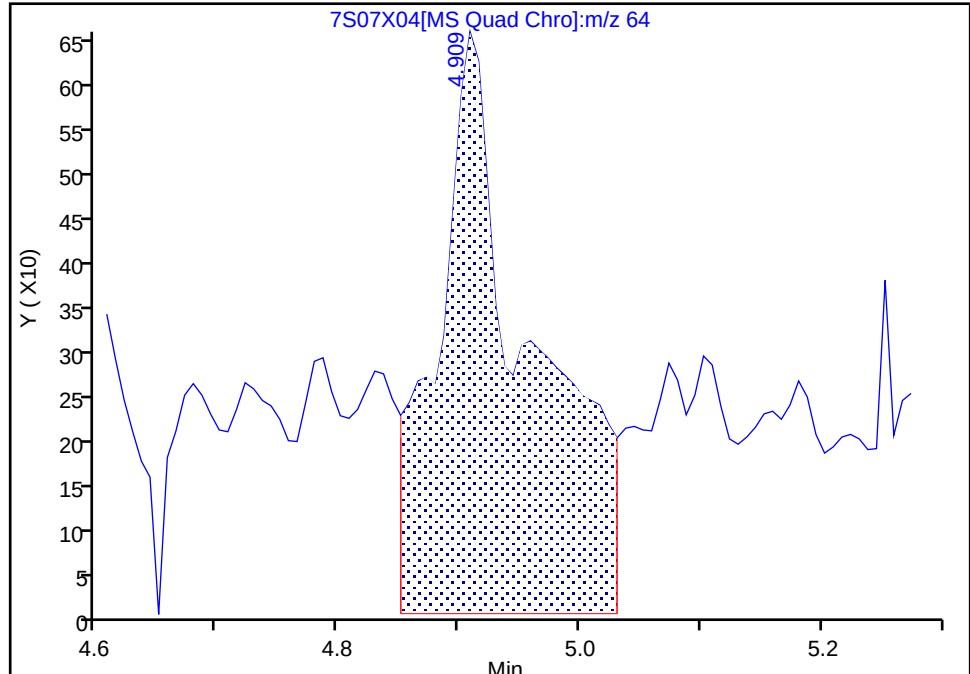
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D
Injection Date: 07-Sep-2025 23:25:34 Instrument ID: HP8R004
Lims ID: IC Cal 0.05ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

9 Chloroethane, CAS: 75-00-3

Signal: 1

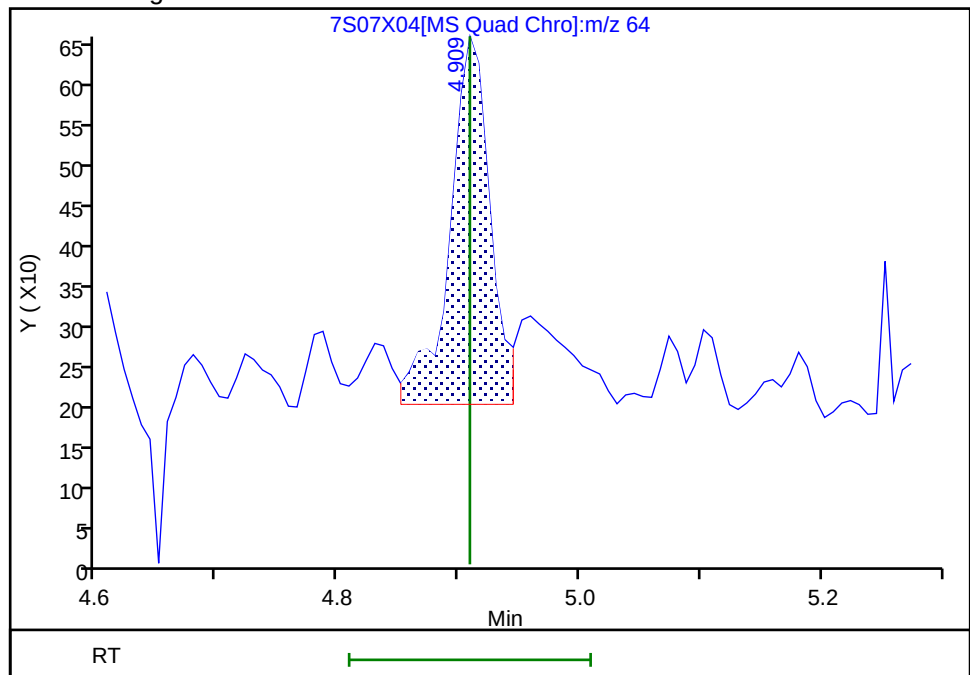
RT: 4.91
Area: 3508
Amount: 0.145826
Amount Units: ppb v/v

Processing Integration Results



RT: 4.91
Area: 1042
Amount: 0.062235
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:30:32 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

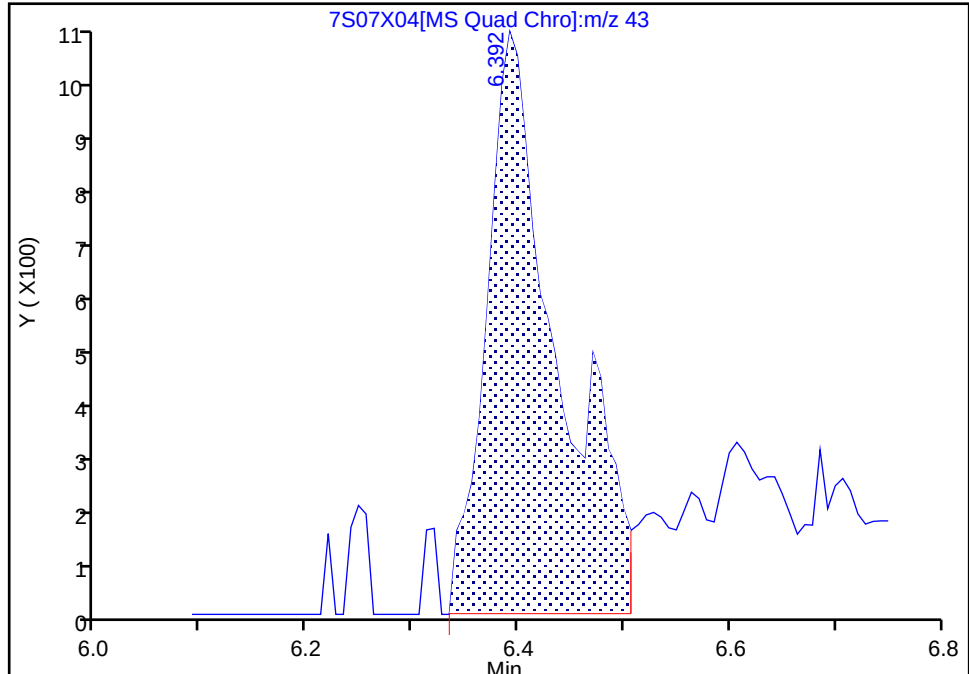
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Injection Date: 07-Sep-2025 23:25:34 Instrument ID: HP8R004
Lims ID: IC Cal 0.05ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

23 Acetone, CAS: 67-64-1

Signal: 1

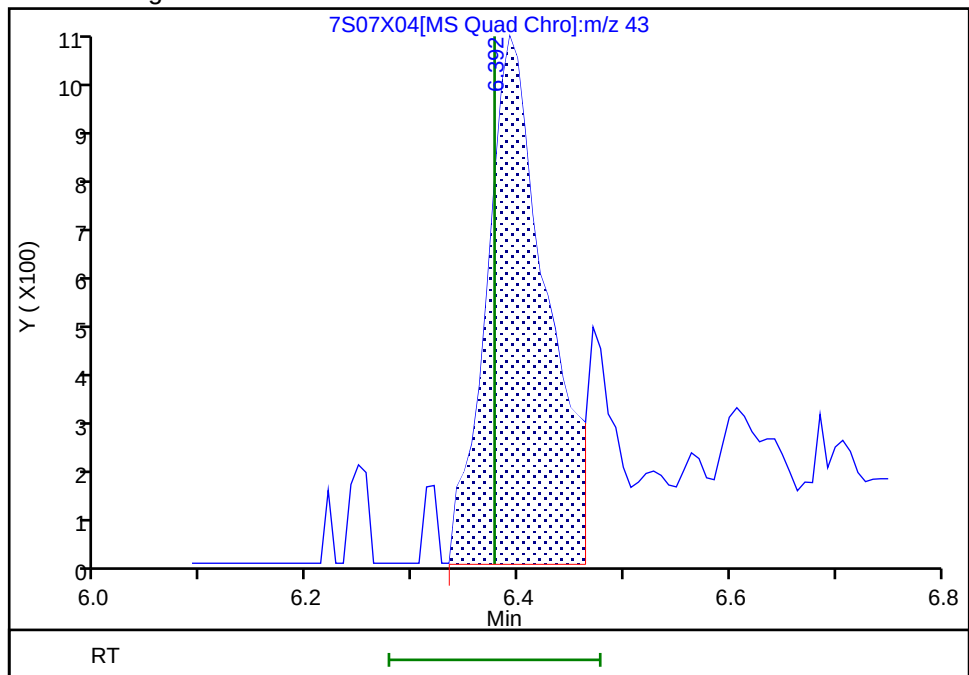
RT: 6.39
Area: 5111
Amount: 0.072846
Amount Units: ppb v/v

Processing Integration Results



RT: 6.39
Area: 4269
Amount: 0.086312
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:51:04 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

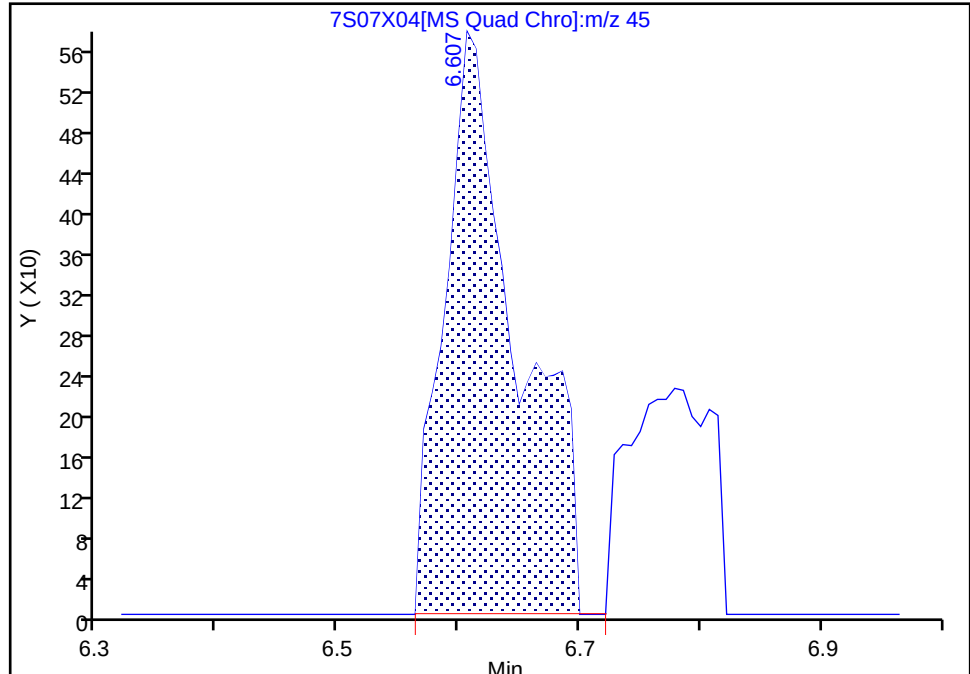
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Injection Date: 07-Sep-2025 23:25:34 Instrument ID: HP8R004
Lims ID: IC Cal 0.05ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

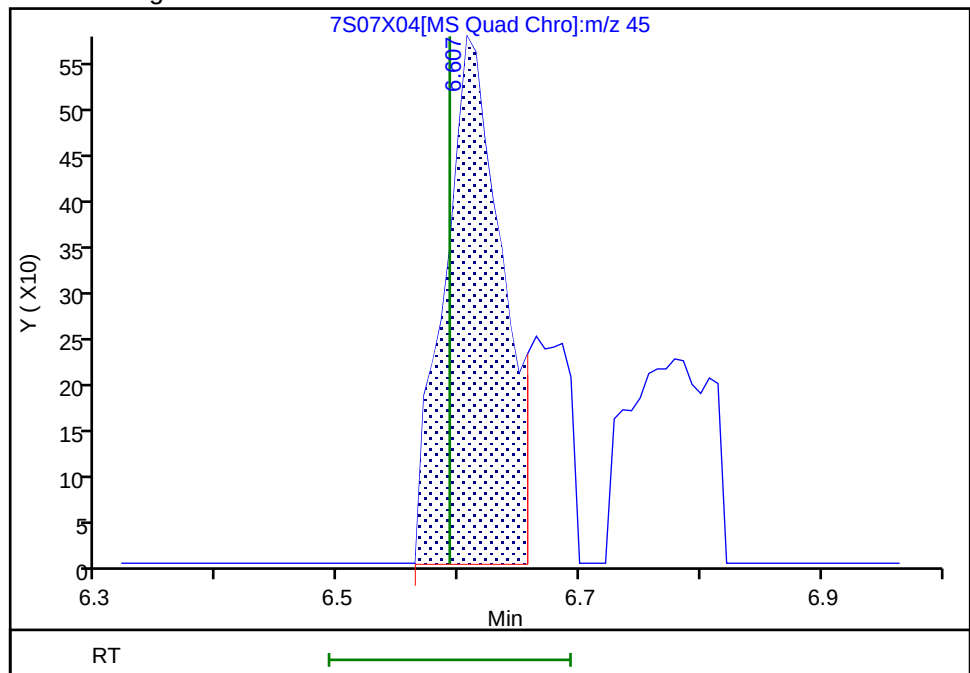
RT: 6.61
Area: 2460
Amount: 0.055350
Amount Units: ppb v/v

Processing Integration Results



RT: 6.61
Area: 1907
Amount: 0.052094
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:31:08 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

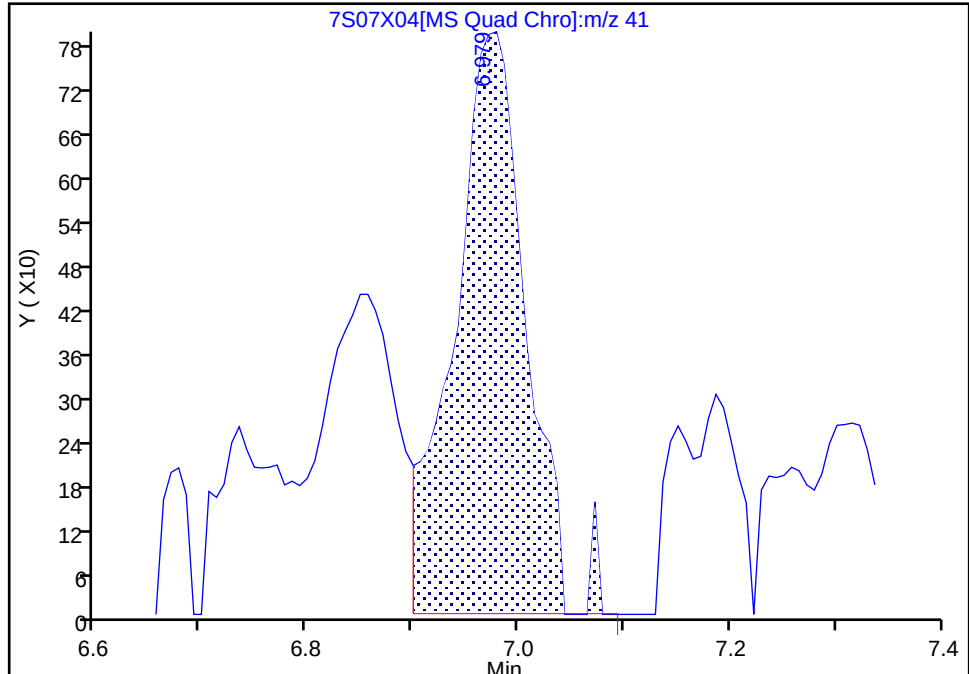
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Injection Date: 07-Sep-2025 23:25:34 Instrument ID: HP8R004
Lims ID: IC Cal 0.05ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

21 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

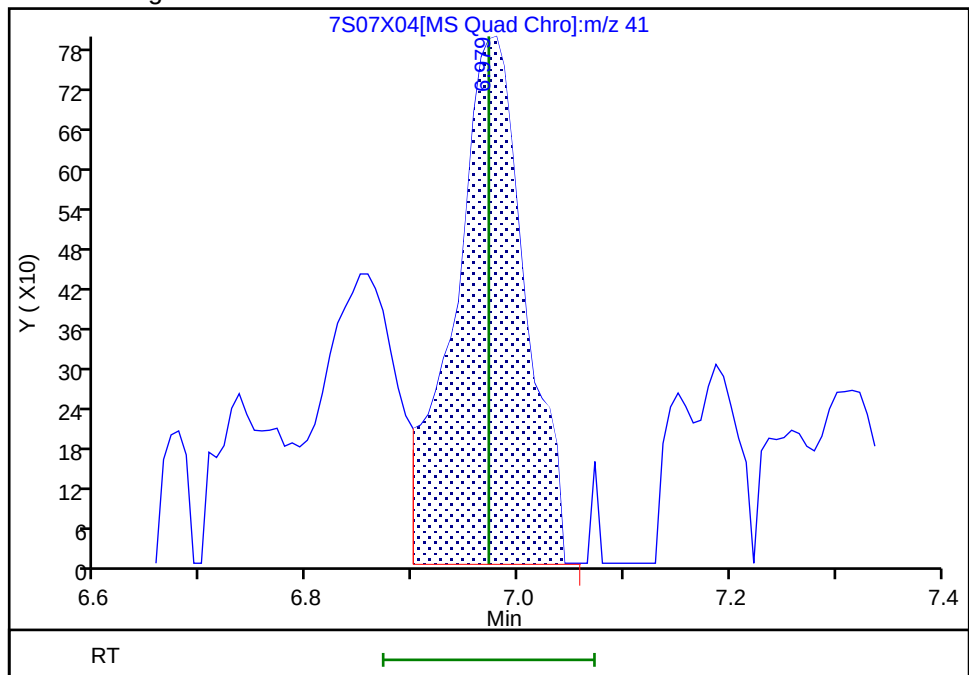
RT: 6.98
Area: 3743
Amount: 0.076902
Amount Units: ppb v/v

Processing Integration Results



RT: 6.98
Area: 3677
Amount: 0.080562
Amount Units: ppb v/v

Manual Integration Results



Reviewer: UKEK, 11-Sep-2025 07:33:46 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Other

Eurofins Lancaster Laboratories Environment Testing, LLC

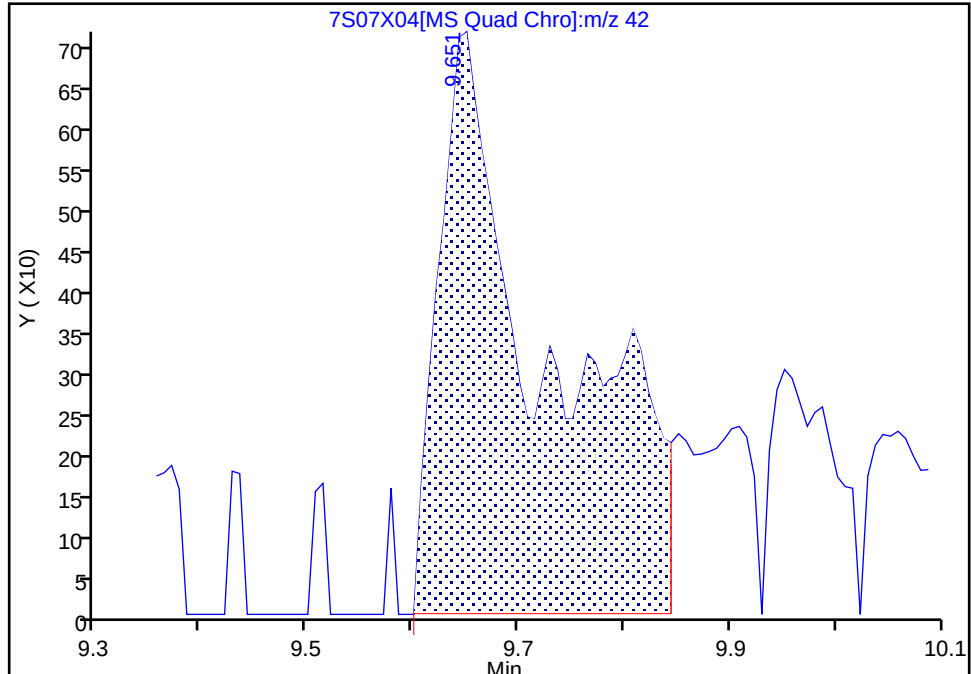
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Injection Date: 07-Sep-2025 23:25:34 Instrument ID: HP8R004
Lims ID: IC Cal 0.05ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

41 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

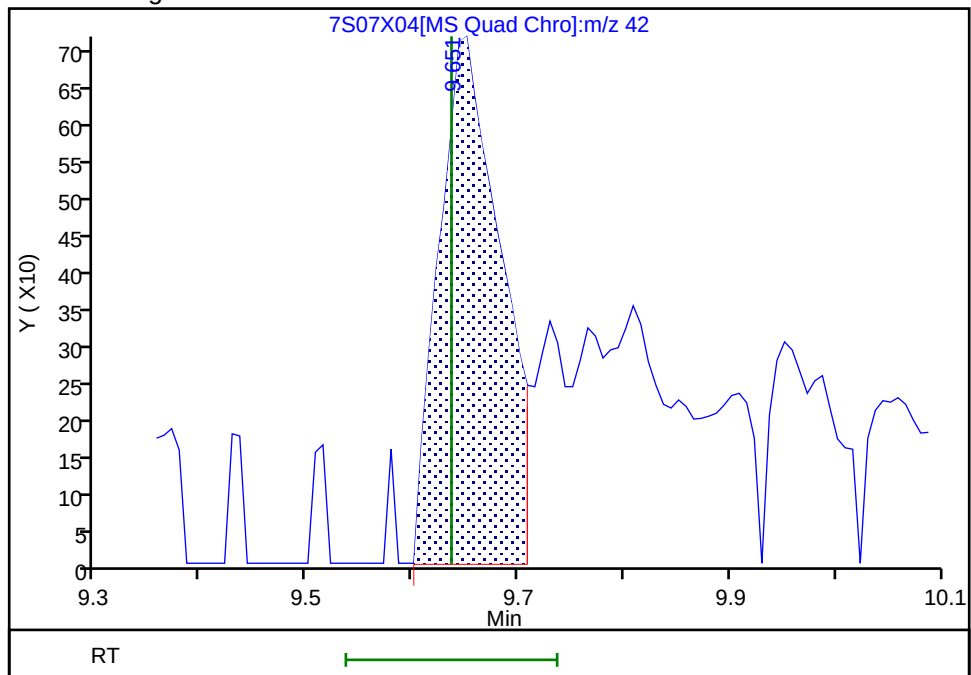
RT: 9.65
Area: 5174
Amount: 0.100196
Amount Units: ppb v/v

Processing Integration Results



RT: 9.65
Area: 2873
Amount: 0.070592
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:53:22 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

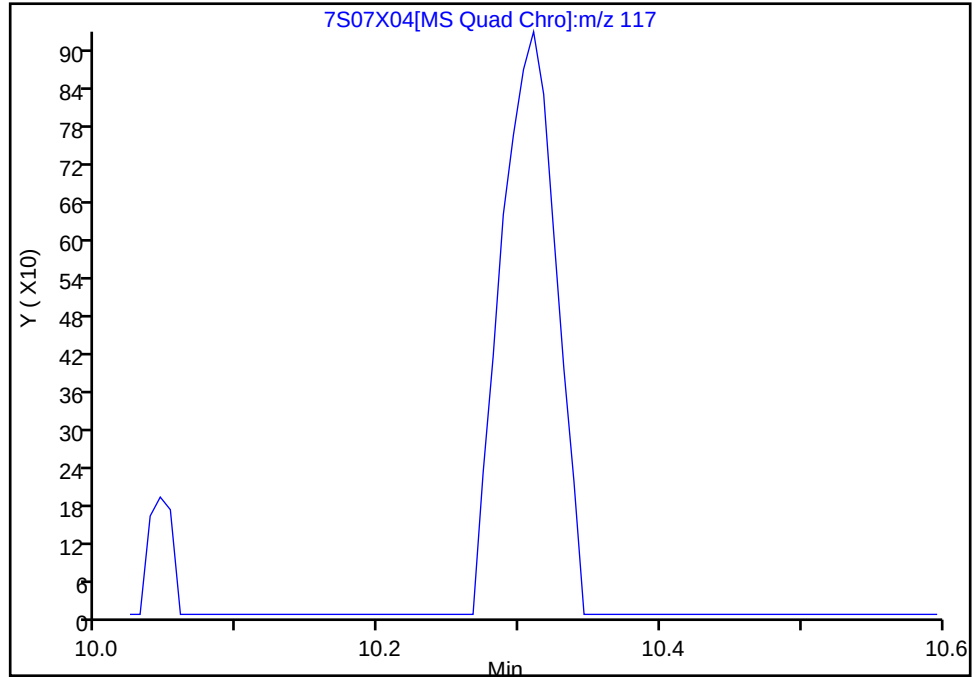
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D
Injection Date: 07-Sep-2025 23:25:34 Instrument ID: HP8R004
Lims ID: IC Cal 0.05ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

40 Carbon tetrachloride, CAS: 56-23-5

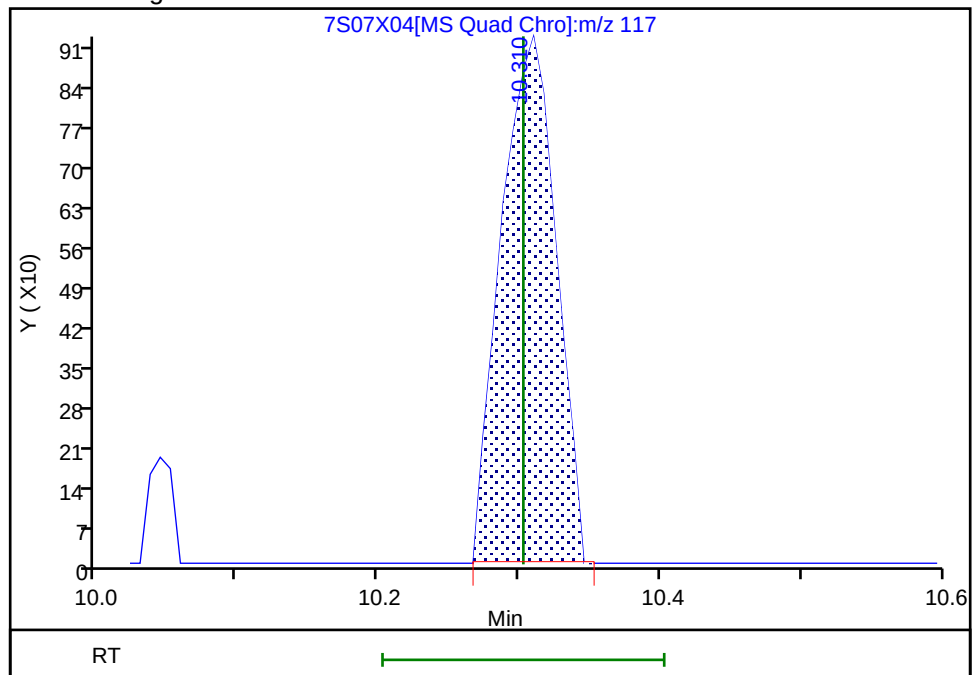
Signal: 1

Not Detected
Expected RT: 10.30

Processing Integration Results



Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:54:05 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

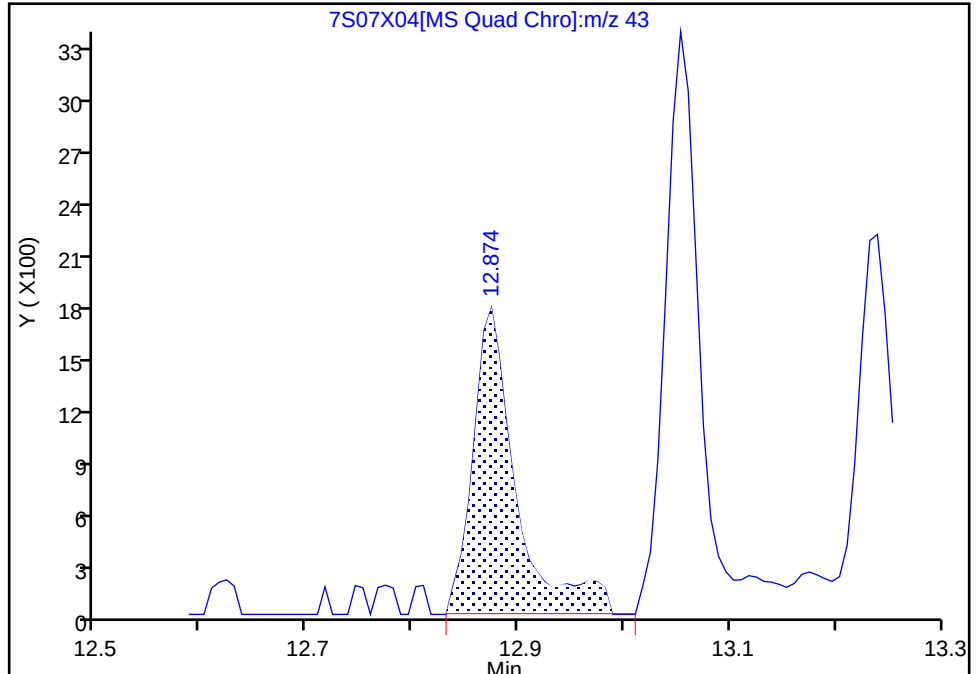
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D
Injection Date: 07-Sep-2025 23:25:34 Instrument ID: HP8R004
Lims ID: IC Cal 0.05ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

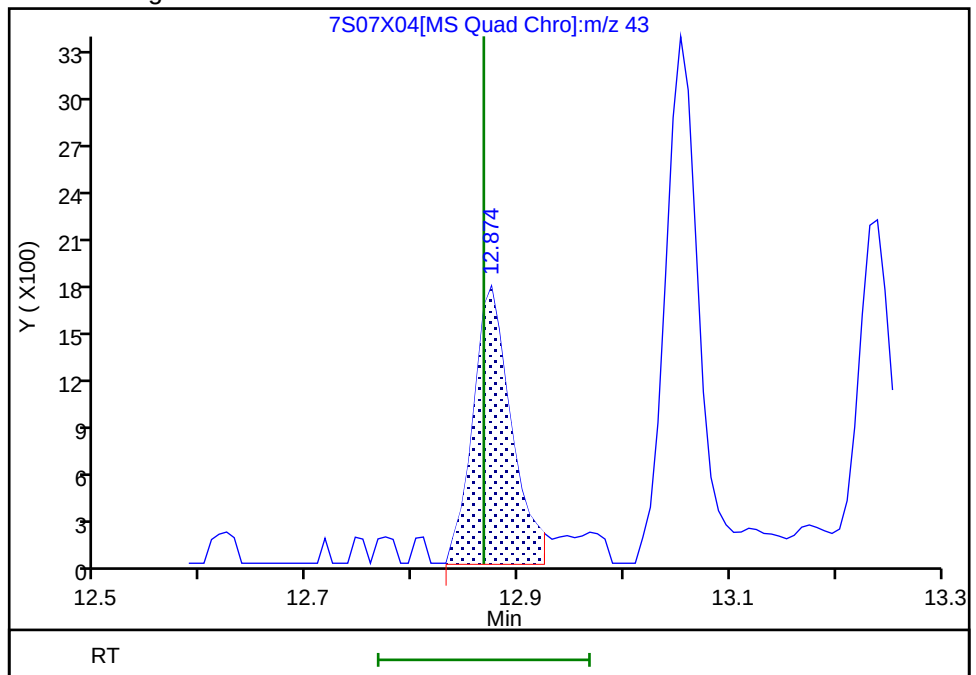
RT: 12.87
Area: 5007
Amount: 0.063076
Amount Units: ppb v/v

Processing Integration Results



RT: 12.87
Area: 4376
Amount: 0.056940
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 10:02:42 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

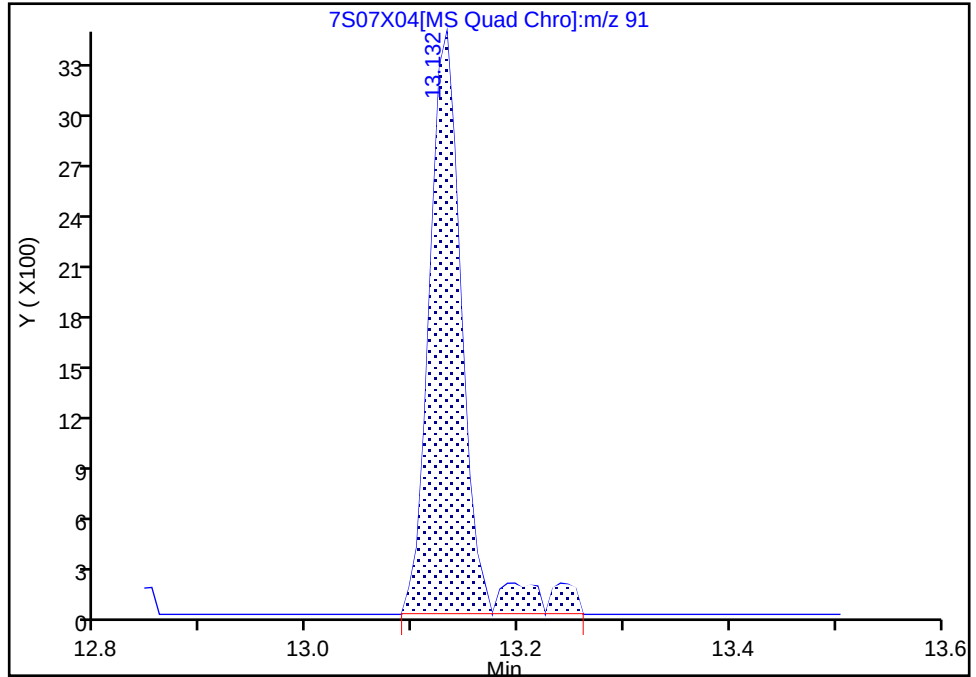
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D
Injection Date: 07-Sep-2025 23:25:34 Instrument ID: HP8R004
Lims ID: IC Cal 0.05ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

59 Toluene, CAS: 108-88-3

Signal: 1

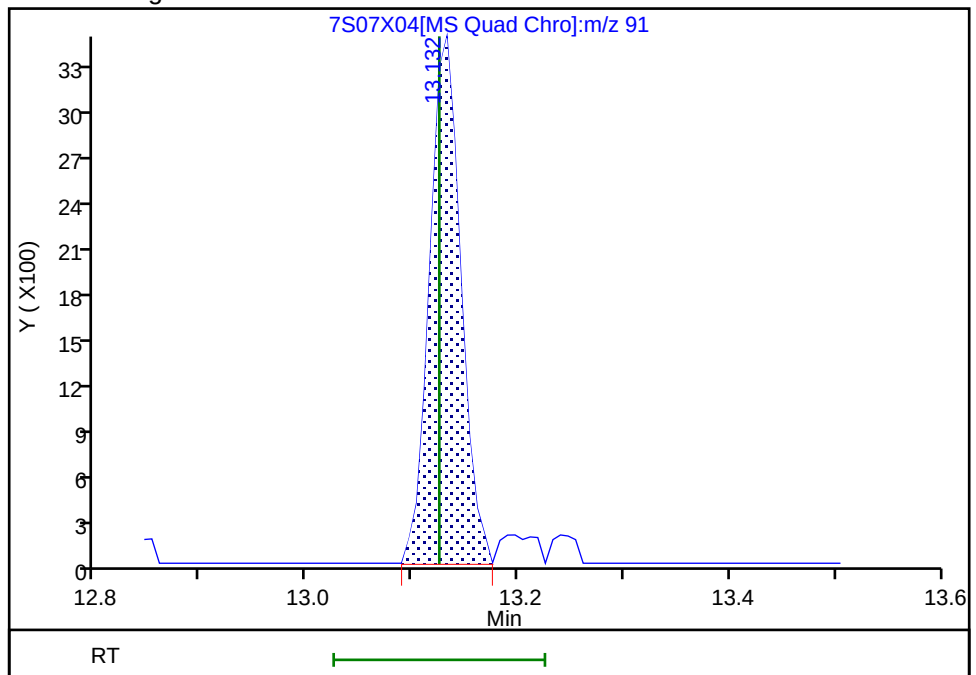
RT: 13.13
Area: 7885
Amount: 0.059973
Amount Units: ppb v/v

Processing Integration Results



RT: 13.13
Area: 7152
Amount: 0.059141
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:55:18 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

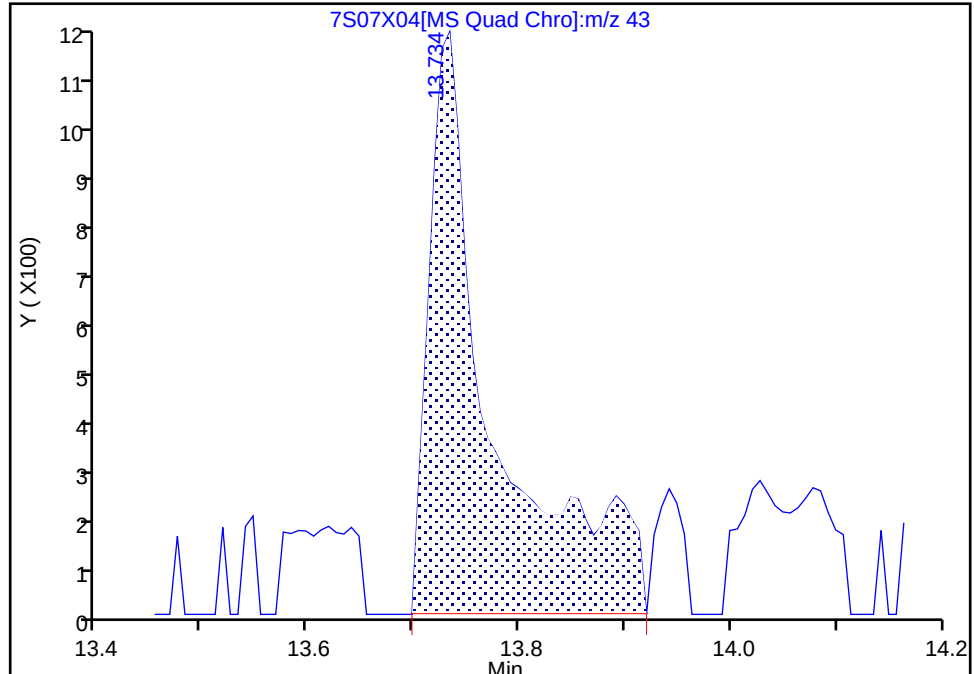
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D
Injection Date: 07-Sep-2025 23:25:34 Instrument ID: HP8R004
Lims ID: IC Cal 0.05ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

67 2-Hexanone, CAS: 591-78-6

Signal: 1

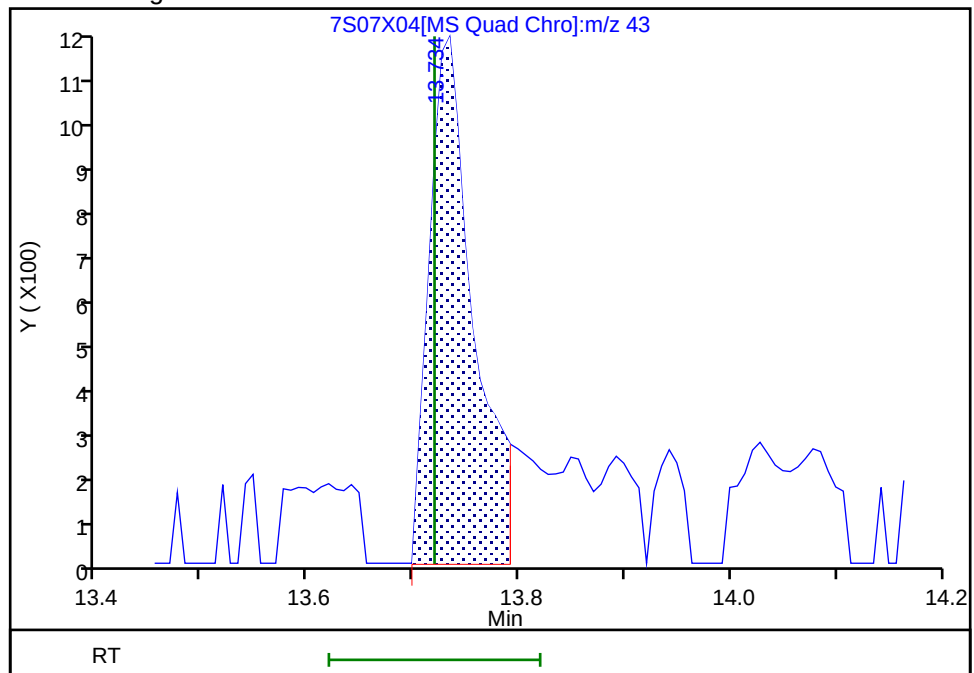
RT: 13.73
Area: 4785
Amount: 0.061061
Amount Units: ppb v/v

Processing Integration Results



RT: 13.73
Area: 3252
Amount: 0.044150
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:33:08 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

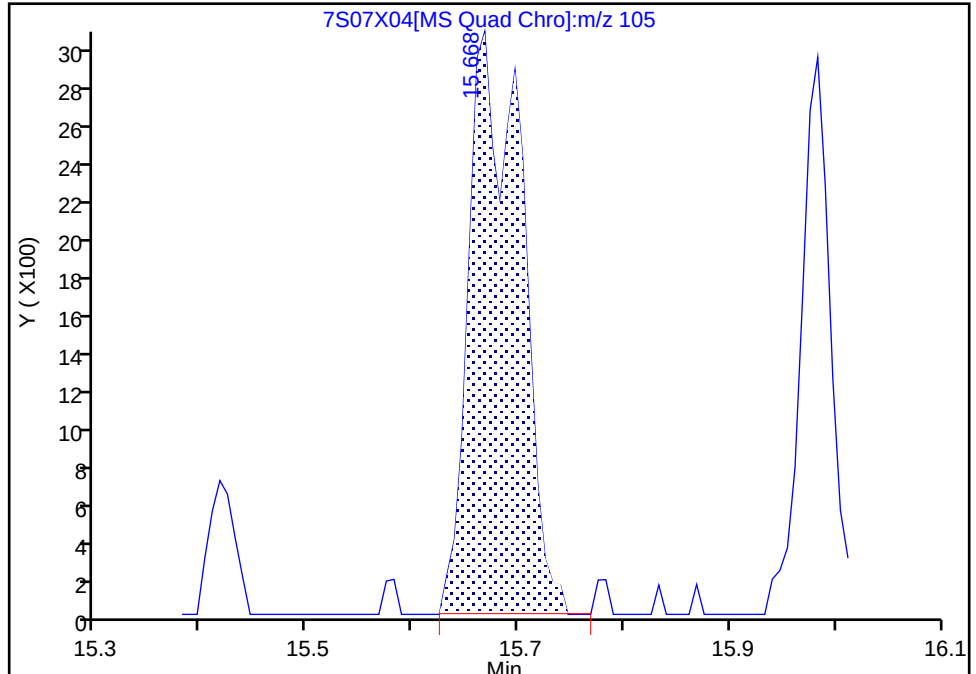
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D
Injection Date: 07-Sep-2025 23:25:34 Instrument ID: HP8R004
Lims ID: IC Cal 0.05ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

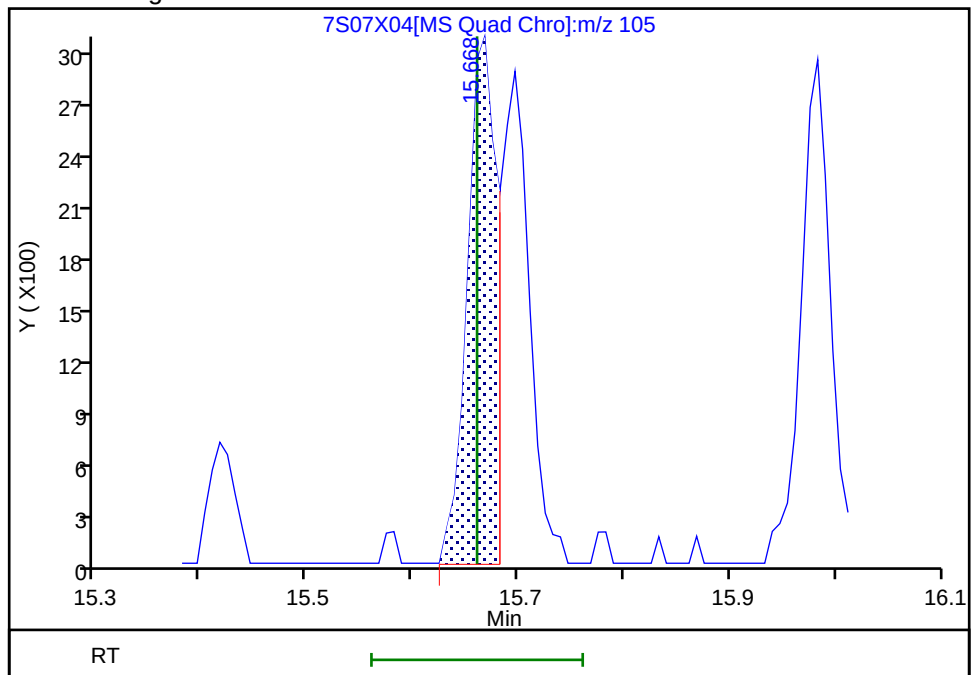
RT: 15.67
Area: 10655
Amount: 0.054652
Amount Units: ppb v/v

Processing Integration Results



RT: 15.67
Area: 5617
Amount: 0.041686
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:56:01 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

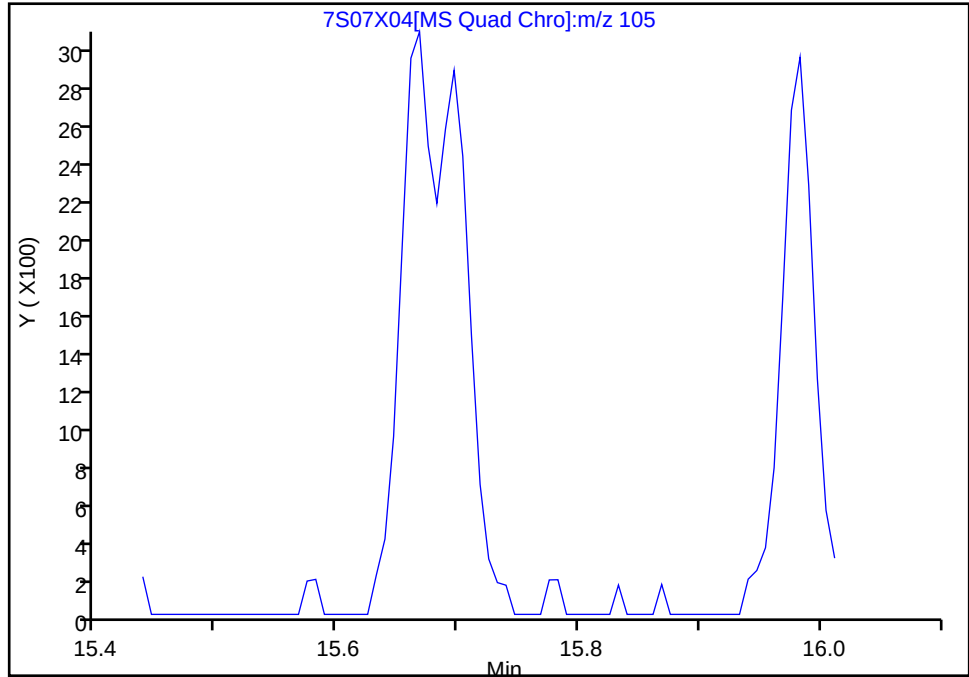
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D
Injection Date: 07-Sep-2025 23:25:34 Instrument ID: HP8R004
Lims ID: IC Cal 0.05ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

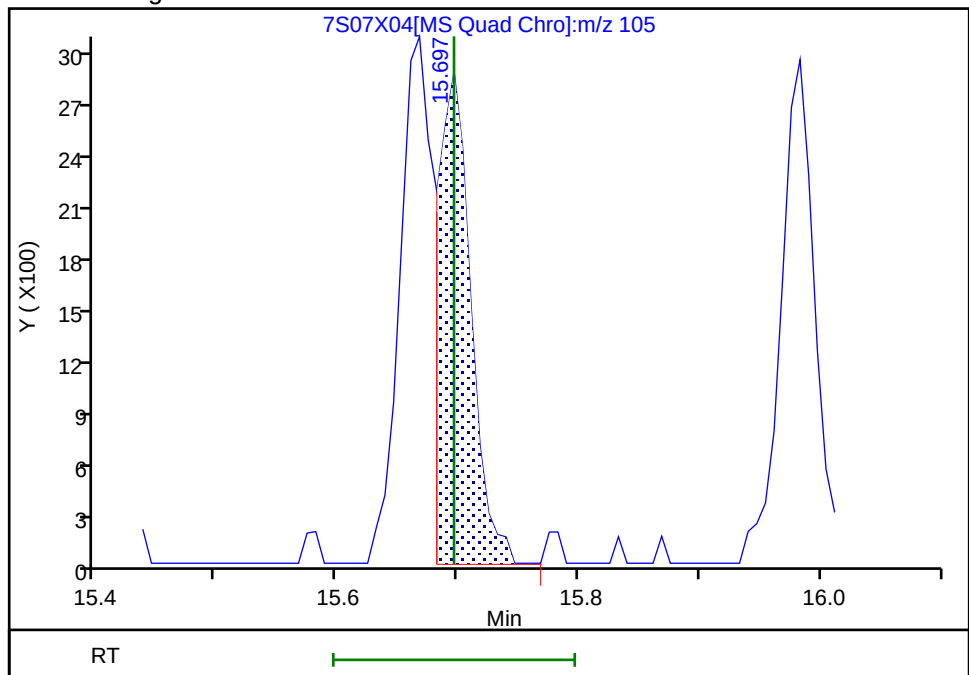
Not Detected
Expected RT: 15.70

Processing Integration Results



Manual Integration Results

RT: 15.70
Area: 5037
Amount: 0.046696
Amount Units: ppb v/v



Reviewer: JXC9, 09-Sep-2025 13:56:12 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

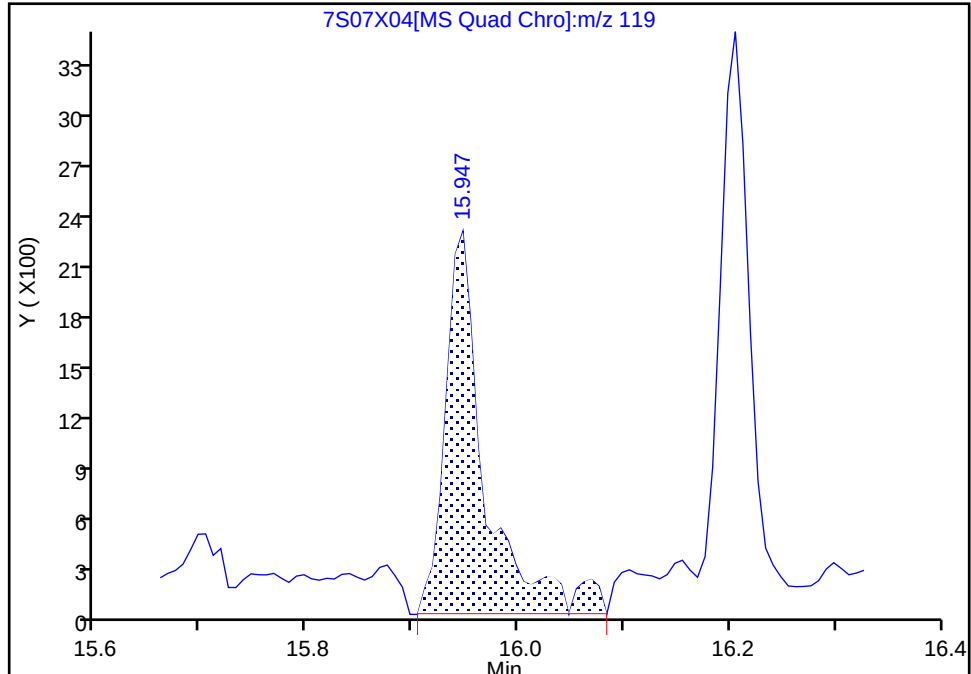
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D
Injection Date: 07-Sep-2025 23:25:34 Instrument ID: HP8R004
Lims ID: IC Cal 0.05ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

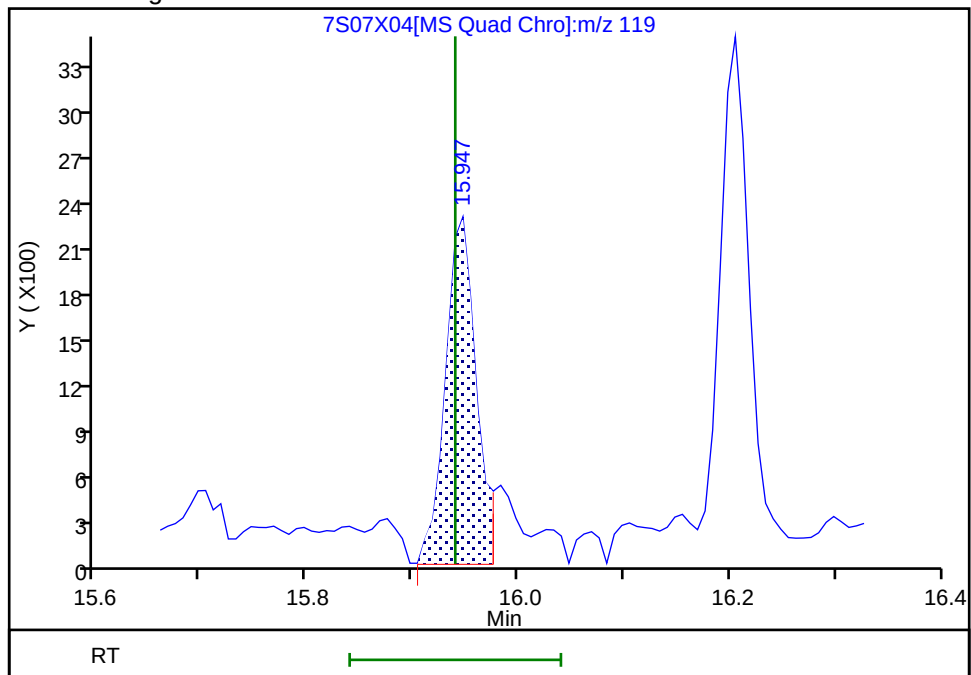
RT: 15.95
Area: 5918
Amount: 0.049853
Amount Units: ppb v/v

Processing Integration Results



RT: 15.95
Area: 4478
Amount: 0.041670
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:33:45 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

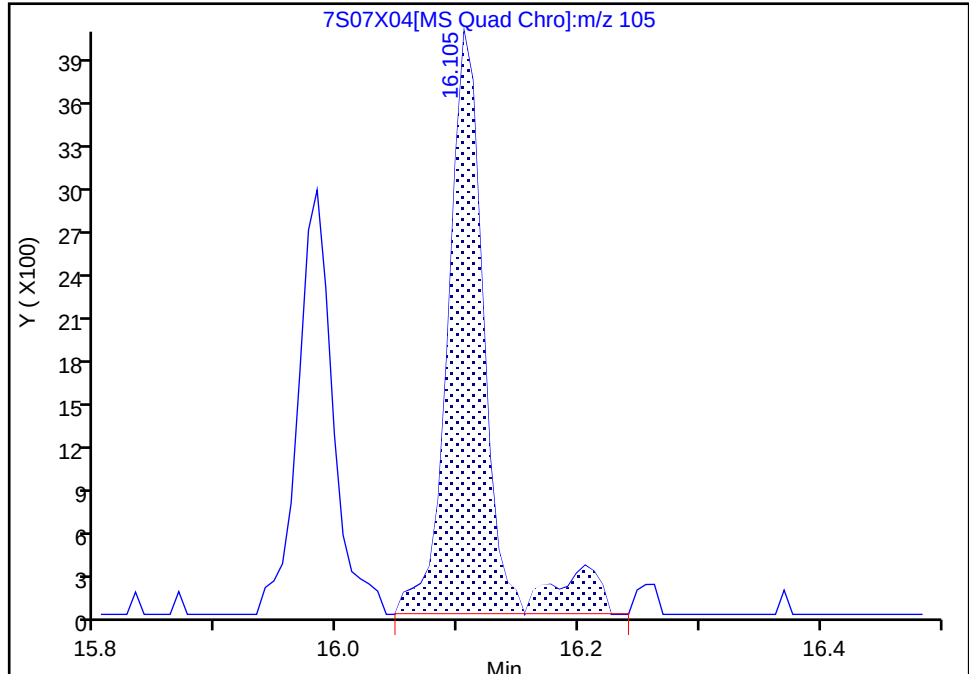
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D
Injection Date: 07-Sep-2025 23:25:34 Instrument ID: HP8R004
Lims ID: IC Cal 0.05ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

87 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

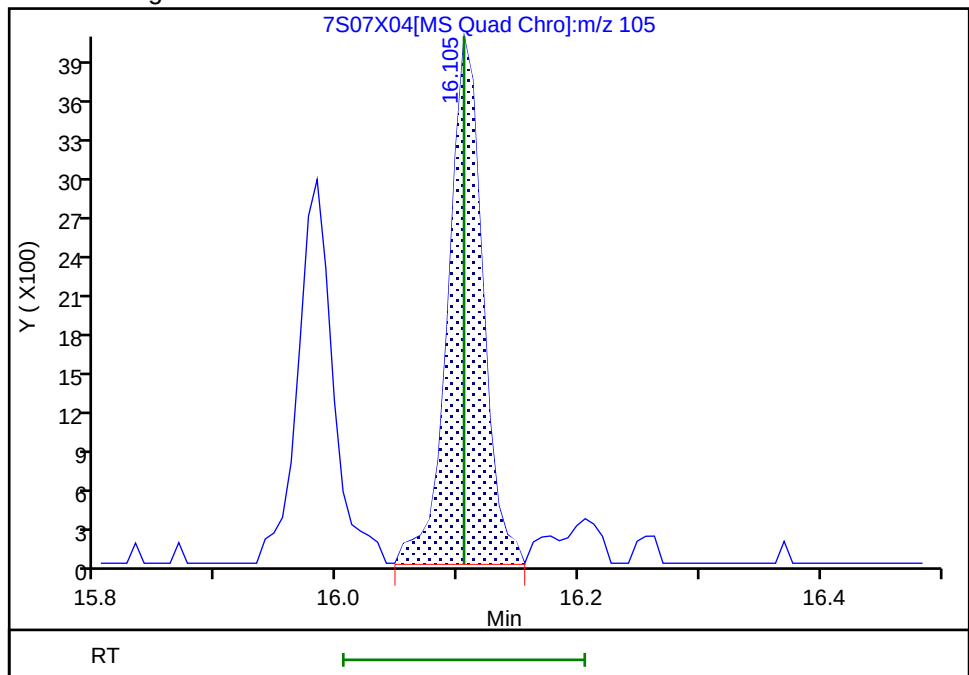
RT: 16.10
Area: 8927
Amount: 0.053941
Amount Units: ppb v/v

Processing Integration Results



RT: 16.10
Area: 8034
Amount: 0.049135
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:56:32 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

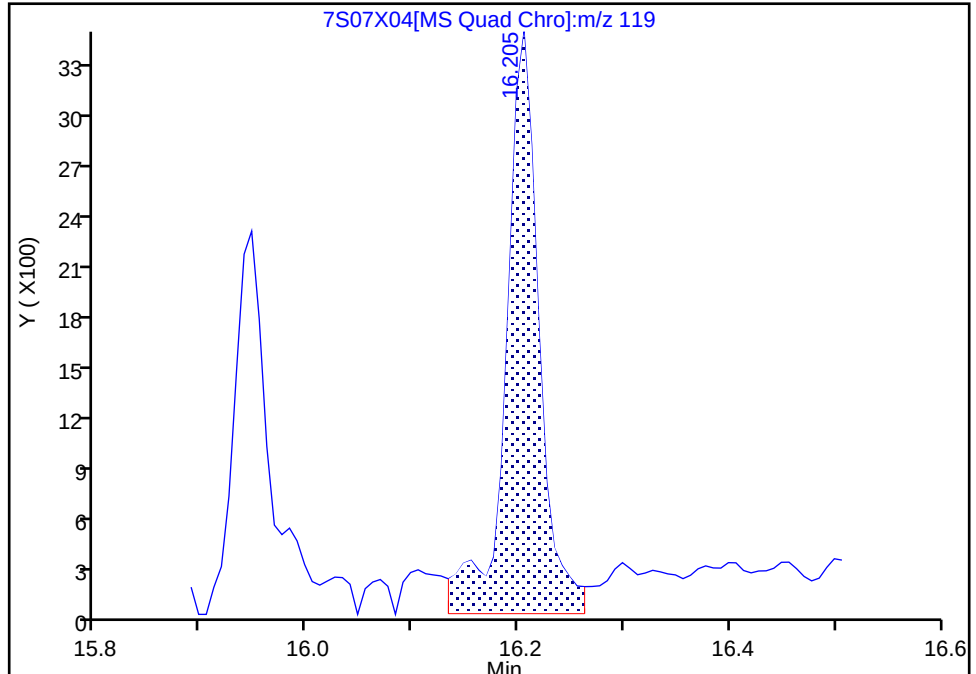
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D
Injection Date: 07-Sep-2025 23:25:34 Instrument ID: HP8R004
Lims ID: IC Cal 0.05ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

88 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

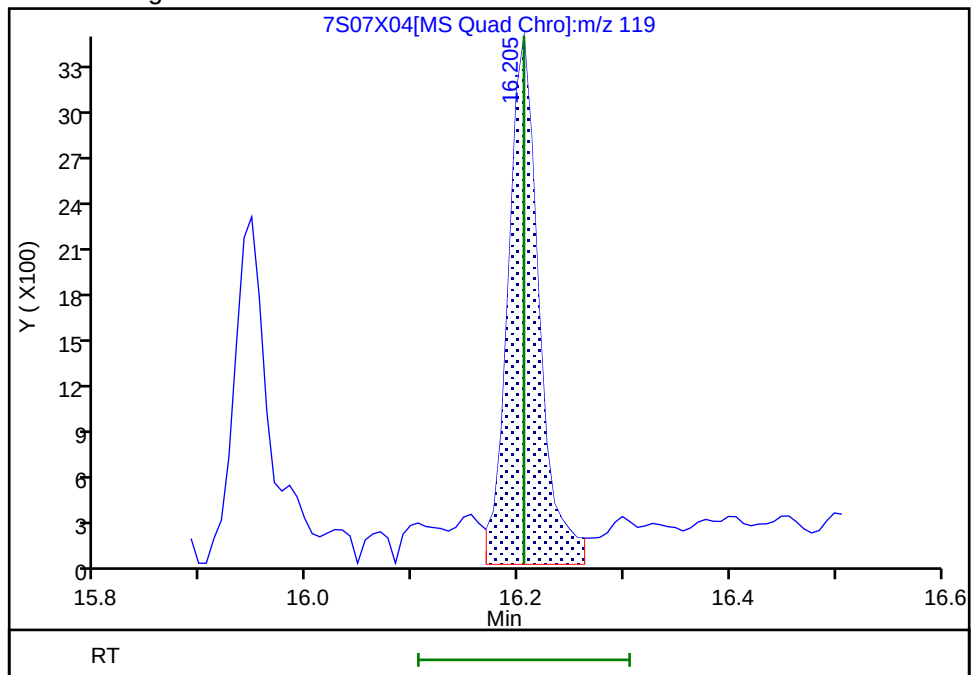
RT: 16.21
Area: 7474
Amount: 0.057044
Amount Units: ppb v/v

Processing Integration Results



RT: 16.21
Area: 6904
Amount: 0.053208
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:33:51 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X04.D

Injection Date: 07-Sep-2025 23:25:34

Instrument ID: HP8R004

Lims ID: IC Cal 0.05ppb

Client ID:

Operator ID: AL109694

ALS Bottle#:

5

Worklist Smp#: 4

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

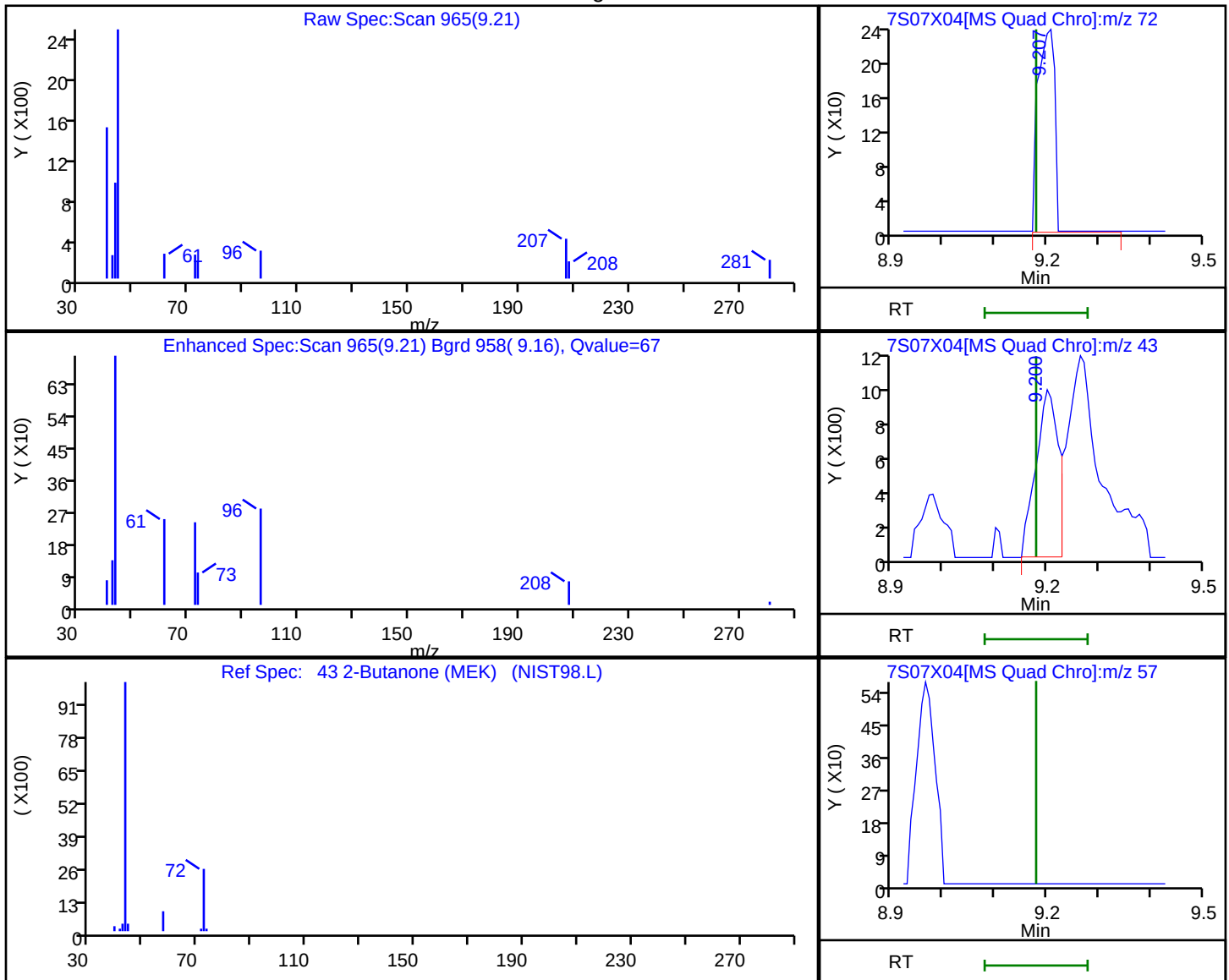
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

43 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
9.21	72.00	524	0.038487
9.20	43.00	2893	
9.18	57.00	0	

Reviewer: D7UM, 10-Sep-2025 09:31:52 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D
 Lims ID: IC Cal 0.2ppb
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 07-Sep-2025 23:52:32 ALS Bottle#: 5 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: IC CAL 0.2PPB
 Misc. Info.: 410-0158855-005
 Operator ID: AL109694 Instrument ID: HP8R004
 Sublist: chrom-TO15LLMethods_HP8R004*sub1
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 11-Sep-2025 08:47:19 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1694

First Level Reviewer: JXC9

Date: 09-Sep-2025 13:41:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.312	3.304	0.008	95	5906	NC	NC	M
2 Dichlorodifluoromethane	85	3.376	3.376	0.000	84	16409	0.2000	0.2105	
3 Chlorodifluoromethane	51	3.412	3.412	0.000	40	10458	0.2000	0.2370	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.648	3.641	0.007	86	16118	0.2000	0.2325	
5 Chloromethane	50	3.763	3.770	-0.007	94	7776	0.2000	0.2786	
124 Butane	43	4.006	4.006	0.000	87	10201	0.2000	0.1947	M
6 Vinyl chloride	62	4.014	4.013	0.001	60	6320	0.2000	0.2224	
7 Butadiene	54	4.092	4.092	0.000	92	4258	0.2000	0.1933	
8 Bromomethane	94	4.694	4.694	0.000	72	4413	0.2000	0.2085	
9 Chloroethane	64	4.909	4.909	0.000	52	3658	0.2000	0.2132	M
10 Vinyl bromide	106	5.274	5.274	0.000	75	5820	0.2000	0.2114	
13 Dichlorofluoromethane	67	5.332	5.331	0.001	73	14304	NC	NC	
12 Trichlorofluoromethane	101	5.410	5.403	0.007	73	14793	0.2000	0.2083	
11 Pentane	43	5.582	5.582	0.000	91	12897	NC	NC	M
14 Ethanol	45	5.675	5.661	0.014	76	2135	NC	NC	M
19 Acrolein	56	6.170	6.148	0.022	53	2248	NC	NC	
15 1,1-Dichloroethene	61	6.349	6.349	0.000	84	9943	0.2000	0.2070	
16 1,1,2-Trichloro-1,2,2-trifluoroe	103	6.377	6.370	0.007	77	7685	0.2000	0.2170	
23 Acetone	43	6.392	6.377	0.015	95	12911	0.2000	0.2547	
20 Isopropyl alcohol	45	6.599	6.592	0.007	80	8759	0.2000	0.2334	M
18 Iodomethane	142	6.614	6.606	0.008	81	6978	NC	NC	
17 Carbon disulfide	76	6.757	6.757	0.000	95	21100	0.2000	0.2076	
28 Acetonitrile	41	6.843	6.829	0.014	92	6677	NC	NC	
21 3-Chloro-1-propene	41	6.979	6.972	0.007	80	9600	0.2000	0.2052	
22 Methylene Chloride	84	7.194	7.187	0.007	85	5986	0.2000	0.2226	
27 2-Methyl-2-propanol	59	7.301	7.287	0.014	36	7140	0.2280	0.2294	
31 Acrylonitrile	53	7.545	7.531	0.014	89	5590	NC	NC	M
26 Methyl tert-butyl ether	73	7.638	7.631	0.007	82	15360	0.2000	0.2089	
24 trans-1,2-Dichloroethene	61	7.660	7.659	0.001	86	10195	0.2000	0.1996	
25 Hexane	56	8.118	8.111	0.007	75	5284	0.2000	0.2006	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Vinyl acetate	86	8.347	8.326	0.021	90	875	NC	NC	
30 1,1-Dichloroethane	63	8.354	8.347	0.007	78	12792	0.2000	0.2054	
29 Isopropyl ether	45	8.397	8.390	0.007	90	21409	NC	NC	
32 Tert-butyl ethyl ether	59	8.963	8.963	0.000	88	18587	NC	NC	
43 2-Butanone (MEK)	72	9.193	9.178	0.015	87	2666	0.2000	0.1850	
34 cis-1,2-Dichloroethene	61	9.243	9.235	0.008	72	11395	0.2000	0.1966	
38 Ethyl acetate	70	9.264	9.243	0.022	80	1533	NC	NC	
39 Methyl acrylate	55	9.343	9.321	0.022	73	11017	NC	NC	
* 35 Chlorobromomethane (IS)	130	9.615	9.608	0.007	90	341173	10.0	10.0	
41 Tetrahydrofuran	42	9.644	9.636	0.008	38	7998	0.2000	0.1917	M
37 Chloroform	83	9.758	9.751	0.007	74	13237	0.2000	0.1896	
42 1,1,1-Trichloroethane	97	10.052	10.045	0.007	52	12967	0.2000	0.2105	
36 Cyclohexane	56	10.188	10.188	0.000	89	9961	0.2000	0.2046	
40 Carbon tetrachloride	117	10.310	10.303	0.007	78	11428	0.2000	0.2004	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.539	10.532	0.007	0	546566	NC	NC	
46 Benzene	78	10.597	10.589	0.007	58	20836	0.2000	0.2052	
48 1,2-Dichloroethane	62	10.661	10.654	0.007	58	9230	0.2000	0.1971	
47 Tert-amyl methyl ether	73	10.768	10.768	0.000	70	16001	NC	NC	M
44 Isooctane	57	10.783	10.775	0.008	90	30718	0.2000	0.1976	
45 n-Heptane	71	11.026	11.019	0.007	58	5787	0.2000	0.1884	
* 50 1,4-Difluorobenzene	114	11.220	11.212	0.008	96	1256184	10.0	10.0	
49 Trichloroethene	130	11.585	11.585	0.000	77	7439	0.2000	0.1840	
52 Ethyl acrylate	55	11.642	11.635	0.007	86	13526	NC	NC	M
53 1,2-Dichloropropane	63	11.929	11.929	0.000	72	8857	0.2000	0.2095	M
55 Methyl methacrylate	69	11.950	11.943	0.007	79	6405	0.2000	0.1997	M
56 1,4-Dioxane	88	12.000	11.993	0.007	67	2975	0.2000	0.2168	
51 Dibromomethane	174	12.043	12.043	0.000	83	7666	NC	NC	
54 Dichlorobromomethane	83	12.244	12.244	0.000	93	14594	0.2000	0.1972	
57 cis-1,3-Dichloropropene	75	12.753	12.745	0.008	75	11709	0.2000	0.1969	
60 4-Methyl-2-pentanone (MIBK)	43	12.874	12.867	0.007	92	17345	0.2000	0.2217	M
\$ 103 Toluene-d8 (Surr)	98	13.053	13.053	0.000	95	1372473	NC	NC	
59 Toluene	91	13.132	13.125	0.007	78	25777	0.2000	0.2134	
58 n-Octane	43	13.240	13.240	0.000	86	17851	NC	NC	
62 trans-1,3-Dichloropropene	75	13.347	13.340	0.007	79	9259	0.2000	0.1912	
63 Ethyl methacrylate	69	13.369	13.368	0.001	76	10504	NC	NC	
64 1,1,2-Trichloroethane	97	13.548	13.548	0.000	84	8185	0.2000	0.2018	
61 Tetrachloroethene	166	13.669	13.662	0.007	88	15270	0.2000	0.2934	
67 2-Hexanone	43	13.727	13.719	0.008	90	16653	0.2000	0.2264	M
65 Chlorodibromomethane	127	13.935	13.934	0.001	76	10165	0.2000	0.1951	
66 Ethylene Dibromide	107	14.063	14.063	0.000	90	12359	0.2000	0.2032	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	90	1173053	10.0	10.0	
69 Chlorobenzene	112	14.493	14.493	0.000	64	17968	0.2000	0.1965	
70 Ethylbenzene	91	14.558	14.558	0.000	93	28451	0.2000	0.1951	
71 1,1,1,2-Tetrachloroethane	131	14.558	14.558	0.000	46	8820	NC	NC	
72 m-Xylene & p-Xylene	91	14.665	14.665	0.000	95	41051	0.4000	0.3793	
73 o-Xylene	91	14.988	14.987	0.001	90	20059	0.2000	0.1865	
74 Styrene	104	15.002	15.002	0.000	89	15594	0.2000	0.1995	
75 Bromoform	173	15.174	15.174	0.000	82	10851	0.2000	0.1923	
76 Isopropylbenzene	105	15.267	15.267	0.000	77	25619	0.2000	0.1902	
79 1,1,2,2-Tetrachloroethane	83	15.482	15.482	0.000	12	19345	0.2000	0.2092	M
83 1,2,3-Trichloropropane	110	15.539	15.539	0.000	58	5250	NC	NC	
78 Bromobenzene	156	15.546	15.539	0.007	85	10131	NC	NC	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
77 N-Propylbenzene	120	15.582	15.582	0.000	76	7432	0.2000	0.2032	
80 4-Ethyltoluene	105	15.661	15.661	0.000	83	28674	0.2000	0.2131	M
81 2-Chlorotoluene	126	15.668	15.668	0.000	86	7473	0.2000	0.2141	
82 1,3,5-Trimethylbenzene	105	15.697	15.696	0.001	70	23087	0.2000	0.2143	Ma
84 Alpha Methyl Styrene	118	15.861	15.861	0.000	85	11237	NC	NC	M
85 tert-Butylbenzene	119	15.947	15.940	0.007	71	21624	0.2000	0.2015	M
86 1,2,4-Trimethylbenzene	105	15.983	15.983	0.000	97	22602	0.2000	0.1985	
87 sec-Butylbenzene	105	16.105	16.105	0.000	94	33972	0.2000	0.2080	
88 4-Isopropyltoluene	119	16.205	16.205	0.000	92	27427	0.2000	0.2116	
89 1,3-Dichlorobenzene	146	16.227	16.227	0.000	93	15317	0.2000	0.2029	
90 1,4-Dichlorobenzene	146	16.298	16.298	0.000	91	15714	0.2000	0.2069	
92 Benzyl chloride	126	16.370	16.370	0.000	79	3665	0.2000	0.2056	
91 n-Butylbenzene	92	16.506	16.506	0.000	93	14426	0.2000	0.2062	
94 1,2-Dichlorobenzene	146	16.578	16.578	0.000	91	15179	0.2000	0.2172	
93 Hexachloroethane	117	16.814	16.814	0.000	69	2112	NC	NC	M
95 1,2-Dibromo-3-Chloropropane	157	17.179	17.179	0.000	58	7368	NC	NC	
97 1,2,4-Trichlorobenzene	180	17.881	17.881	0.000	81	7396	0.2000	0.1568	
96 Hexachlorobutadiene	225	17.975	17.974	0.001	85	10113	0.2000	0.2382	
98 Naphthalene	128	18.154	18.153	0.001	93	16982	0.2000	0.1516	
S 100 1,2-Dichloroethene, Total	61				0	21590	0.4000	0	
S 109 1,3-Dichloropropene, Total	75				0		0.4000	0.3881	
S 101 Xylenes, Total	91				0	61110	0.6000	0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

AIRCAL0.5_00151

Amount Added: 80.00

Units: mL

AIRIS200 ppb_00521

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 11-Sep-2025 08:47:31

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D

Injection Date: 07-Sep-2025 23:52:32

Instrument ID: HP8R004

Lims ID: IC Cal 0.2ppb

Client ID:

Operator ID: AL109694

ALS Bottle#: 5

Worklist Smp#: 5

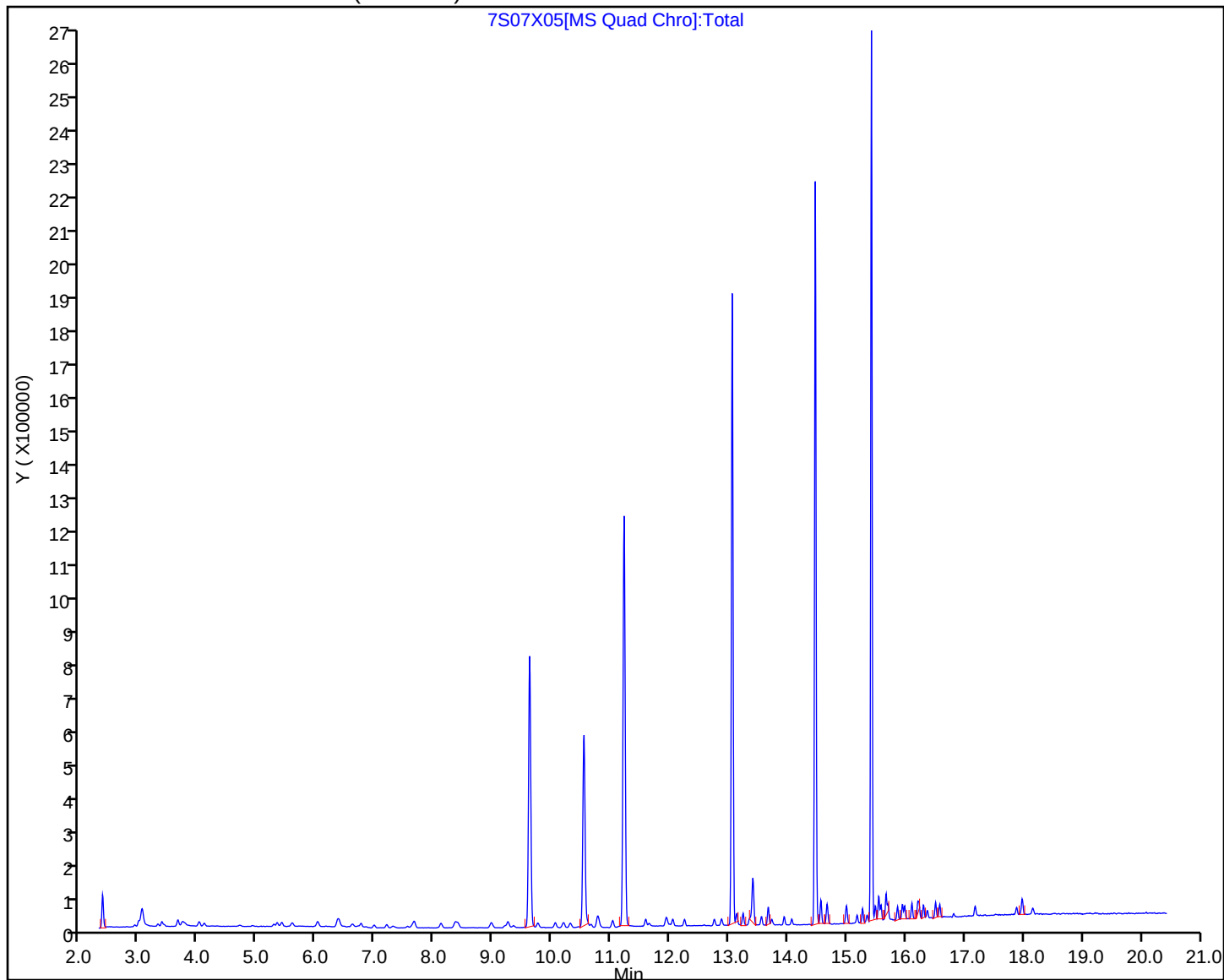
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

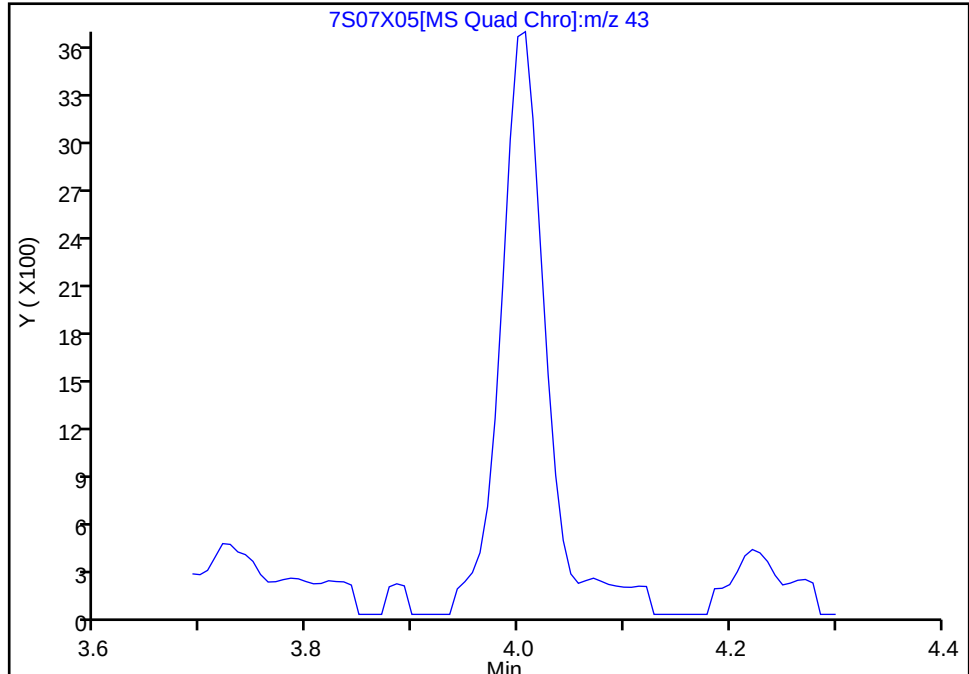
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D
Injection Date: 07-Sep-2025 23:52:32 Instrument ID: HP8R004
Lims ID: IC Cal 0.2ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

124 Butane, CAS: 106-97-8

Signal: 1

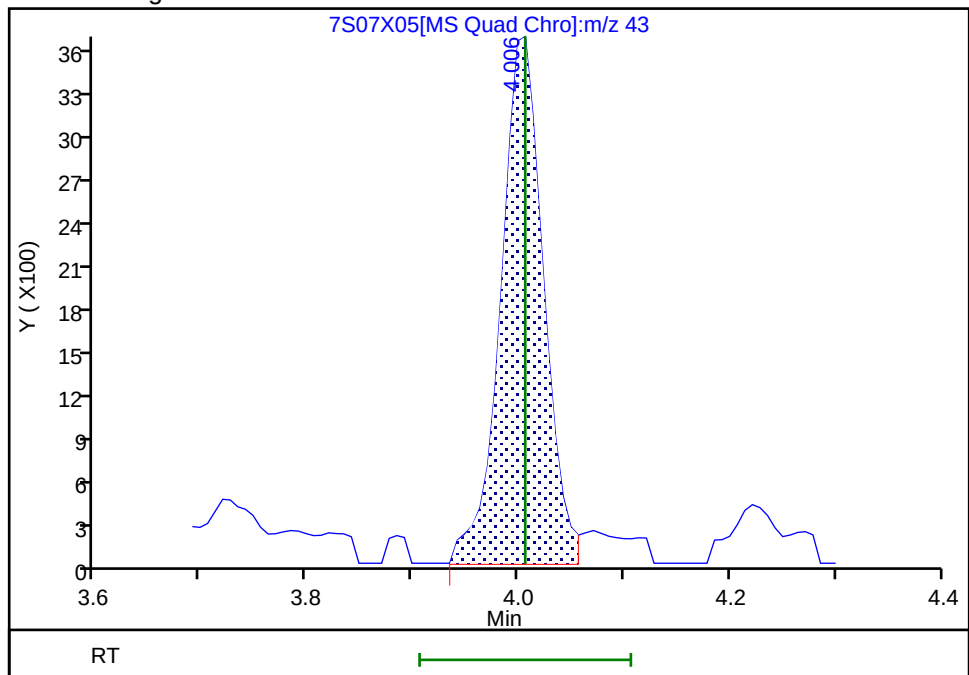
Not Detected
Expected RT: 4.01

Processing Integration Results



RT: 4.01
Area: 10201
Amount: 0.194735
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 11:07:57 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

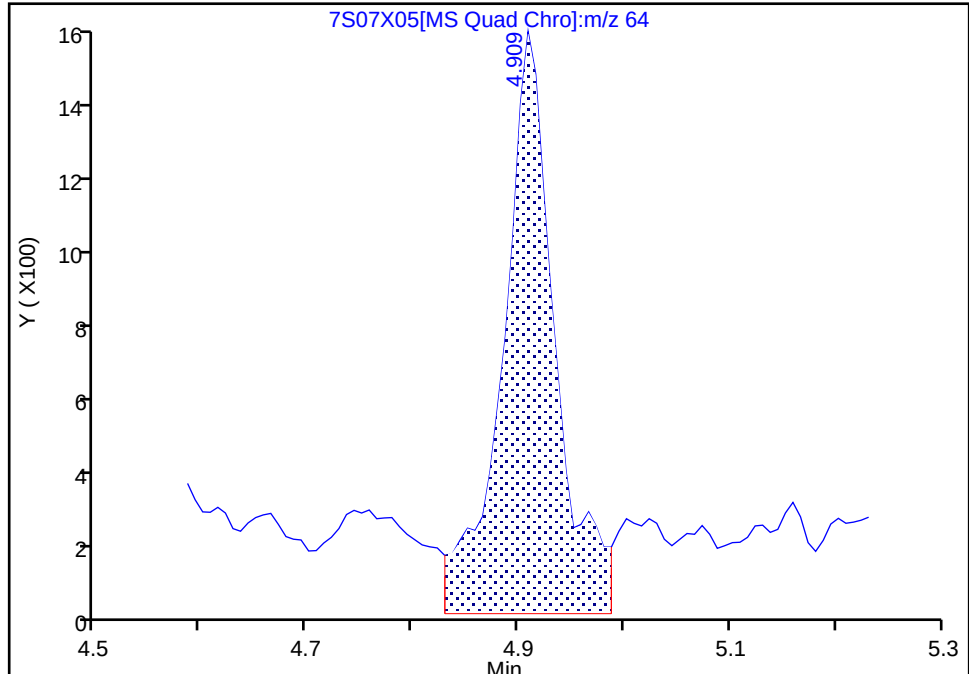
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D
Injection Date: 07-Sep-2025 23:52:32 Instrument ID: HP8R004
Lims ID: IC Cal 0.2ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector: MS Quad

9 Chloroethane, CAS: 75-00-3

Signal: 1

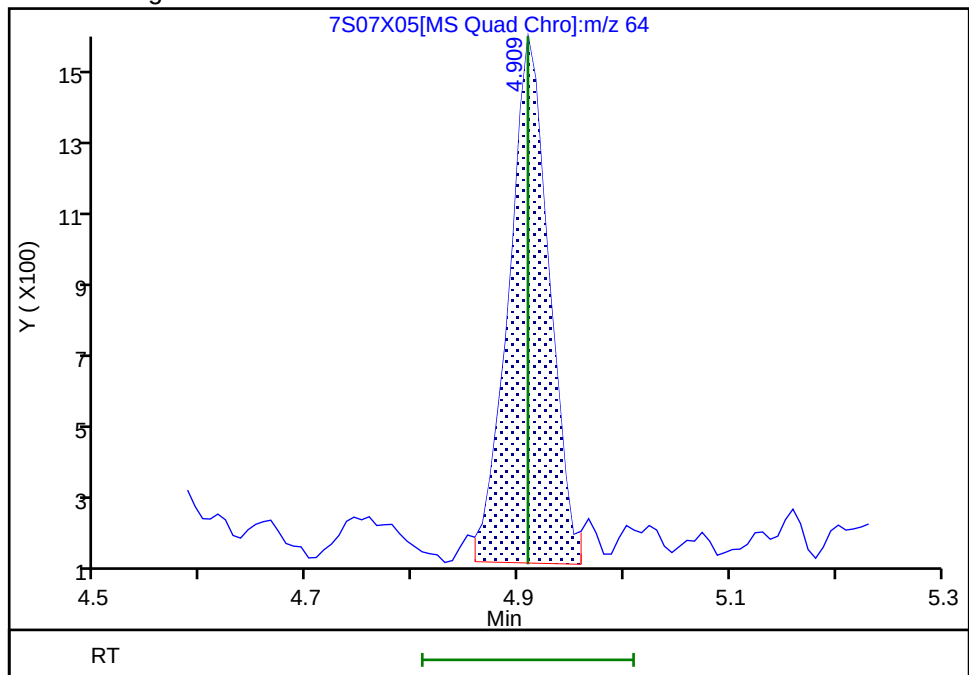
RT: 4.91
Area: 5293
Amount: 0.288630
Amount Units: ppb v/v

Processing Integration Results



RT: 4.91
Area: 3658
Amount: 0.213151
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:34:56 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

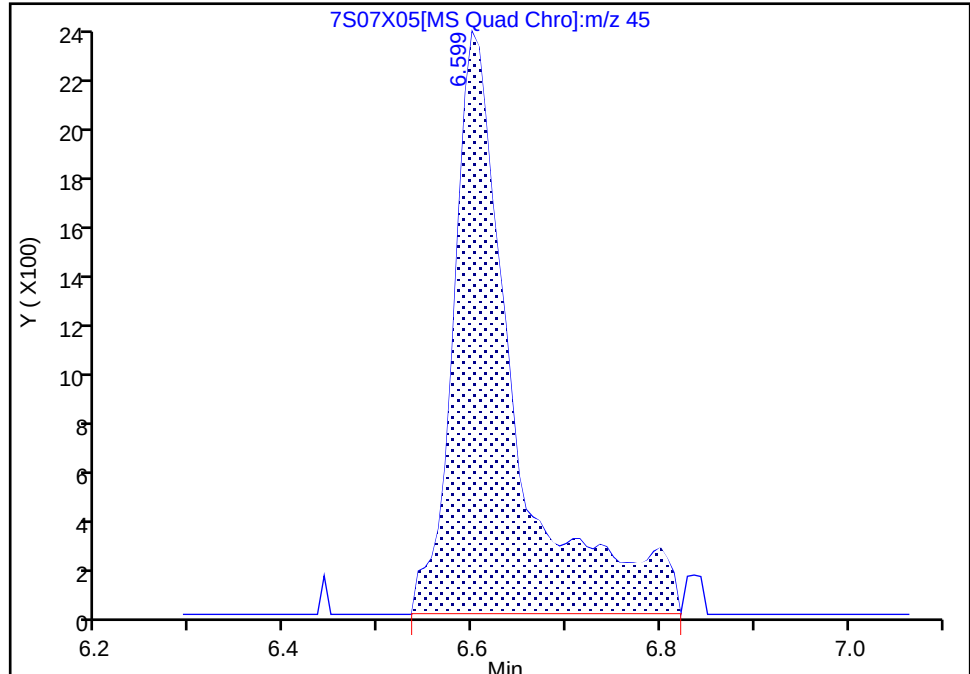
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D
Injection Date: 07-Sep-2025 23:52:32 Instrument ID: HP8R004
Lims ID: IC Cal 0.2ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

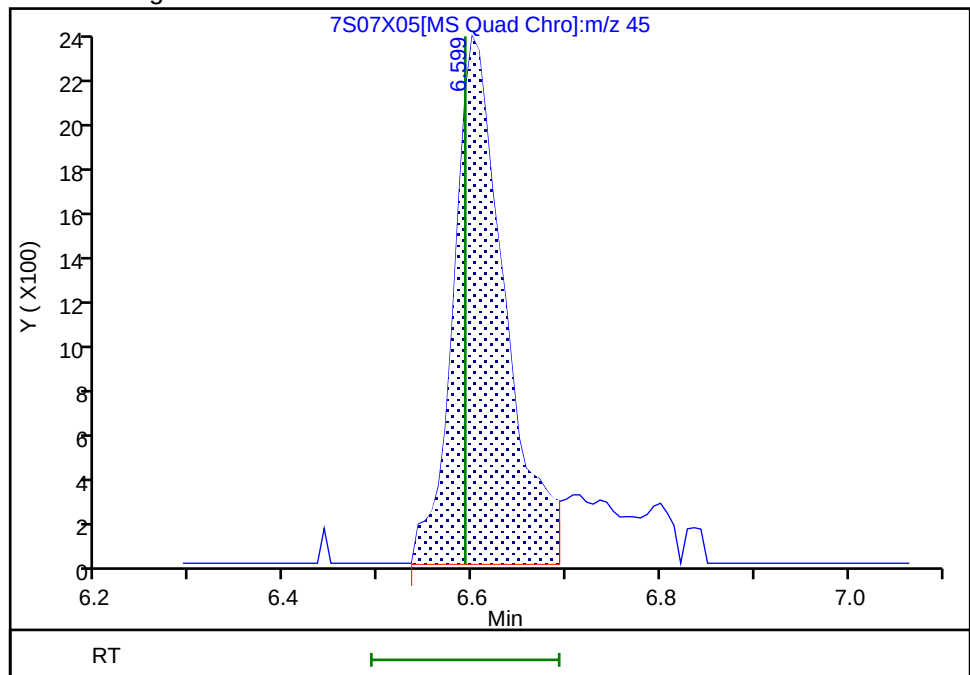
RT: 6.60
Area: 10593
Amount: 0.240302
Amount Units: ppb v/v

Processing Integration Results



RT: 6.60
Area: 8759
Amount: 0.233435
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:51:43 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

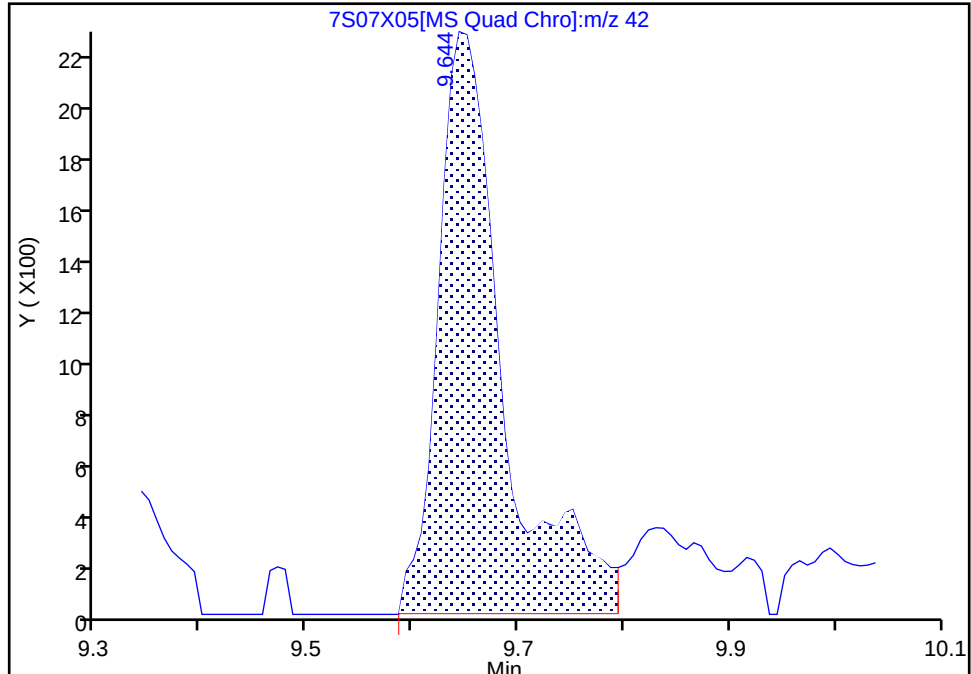
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D
Injection Date: 07-Sep-2025 23:52:32 Instrument ID: HP8R004
Lims ID: IC Cal 0.2ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

41 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

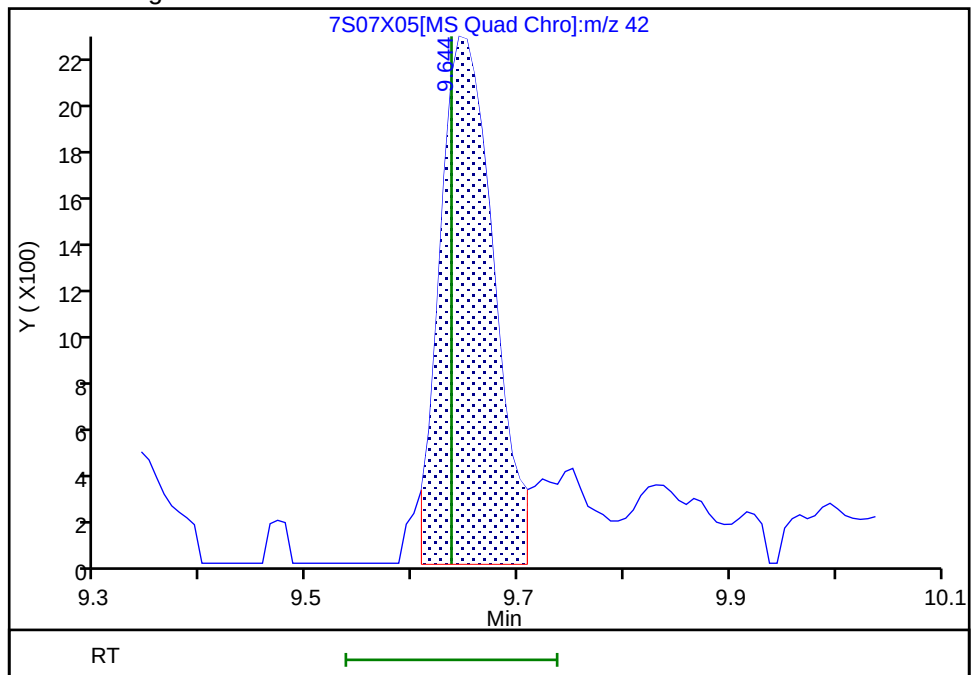
RT: 9.64
Area: 9807
Amount: 0.182273
Amount Units: ppb v/v

Processing Integration Results



RT: 9.64
Area: 7998
Amount: 0.191724
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:35:54 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

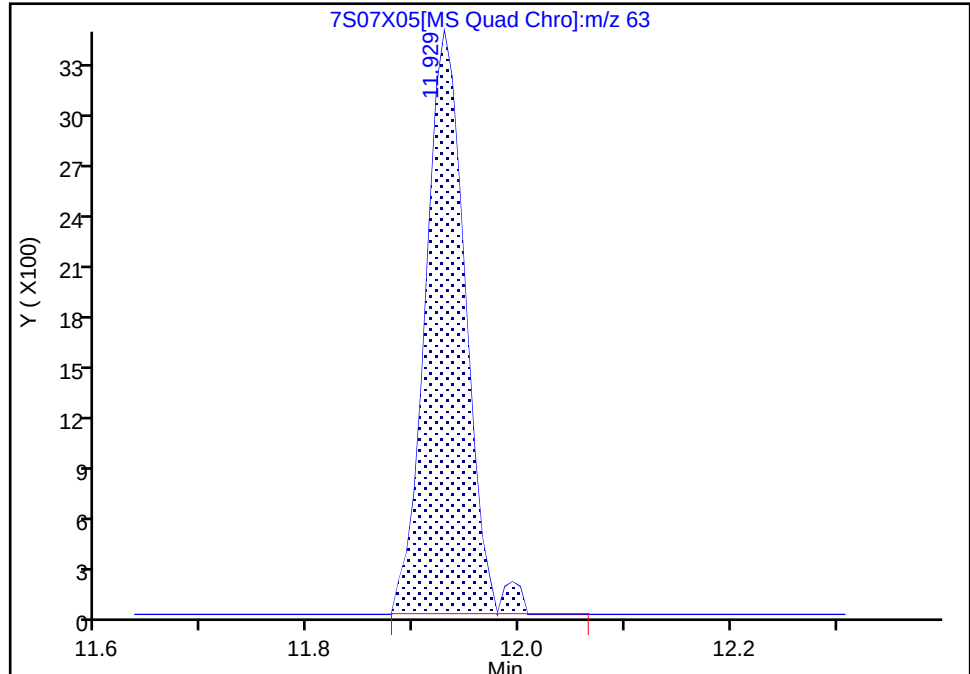
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D
Injection Date: 07-Sep-2025 23:52:32 Instrument ID: HP8R004
Lims ID: IC Cal 0.2ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

53 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

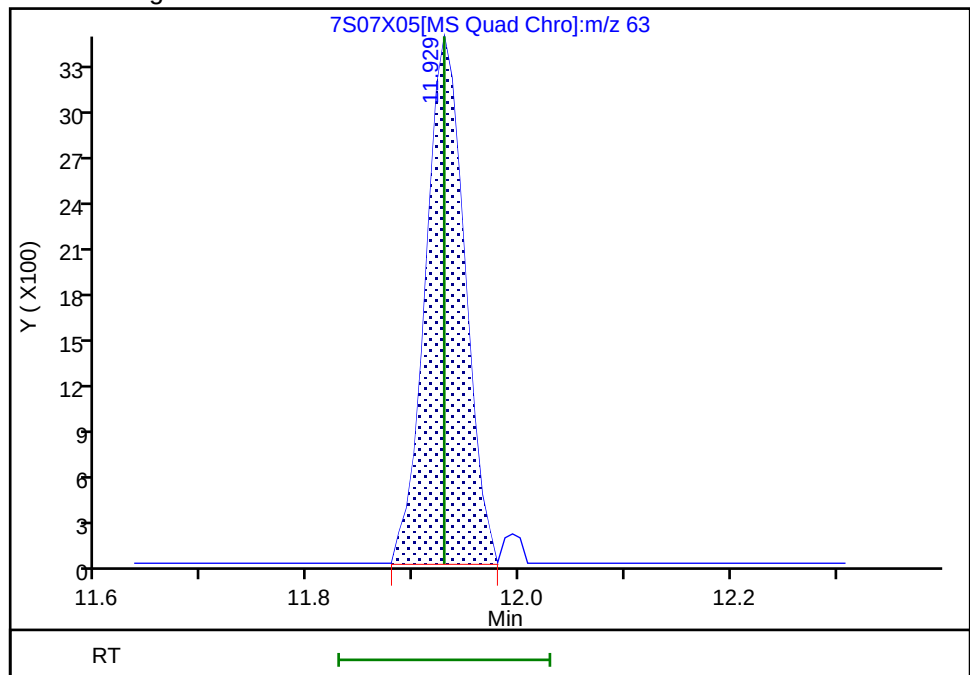
RT: 11.93
Area: 9082
Amount: 0.197029
Amount Units: ppb v/v

Processing Integration Results



RT: 11.93
Area: 8857
Amount: 0.209539
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:41:09 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

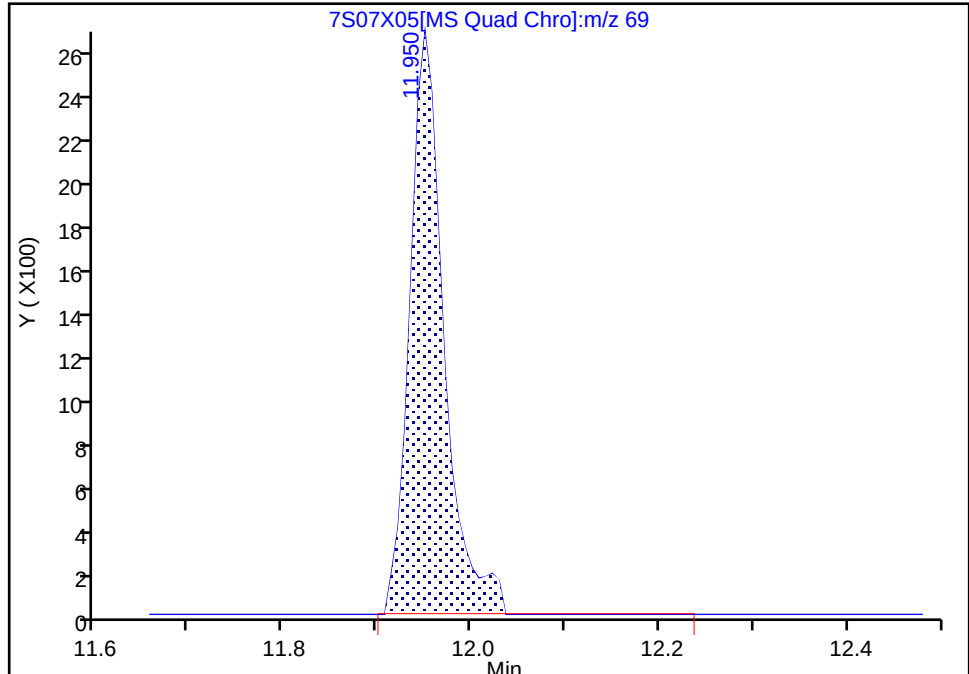
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D
Injection Date: 07-Sep-2025 23:52:32 Instrument ID: HP8R004
Lims ID: IC Cal 0.2ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

55 Methyl methacrylate, CAS: 80-62-6

Signal: 1

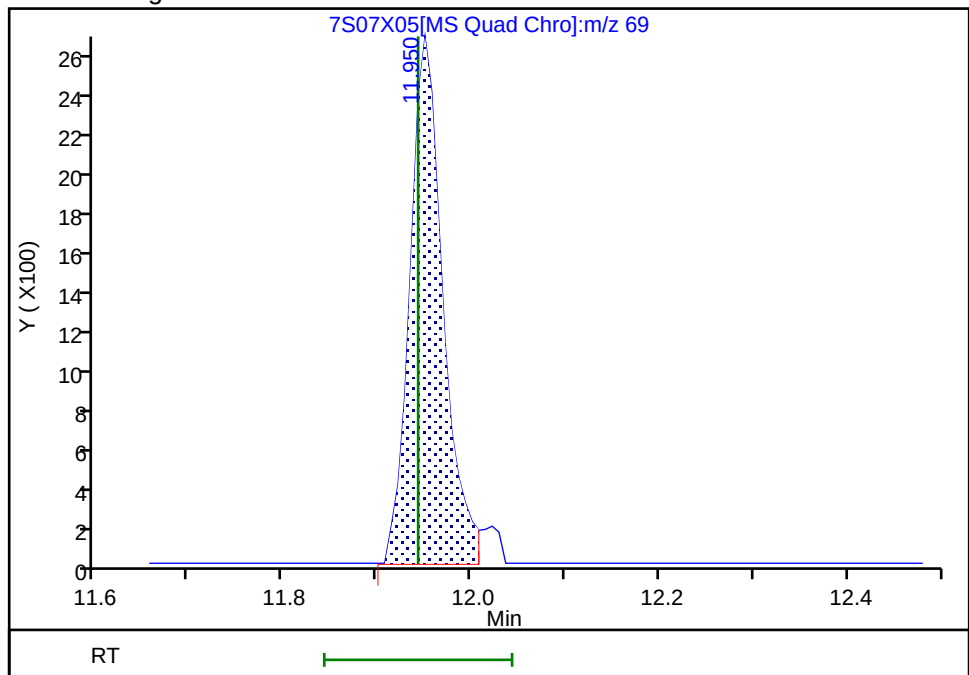
RT: 11.95
Area: 6660
Amount: 0.213785
Amount Units: ppb v/v

Processing Integration Results



RT: 11.95
Area: 6405
Amount: 0.199656
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:41:44 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

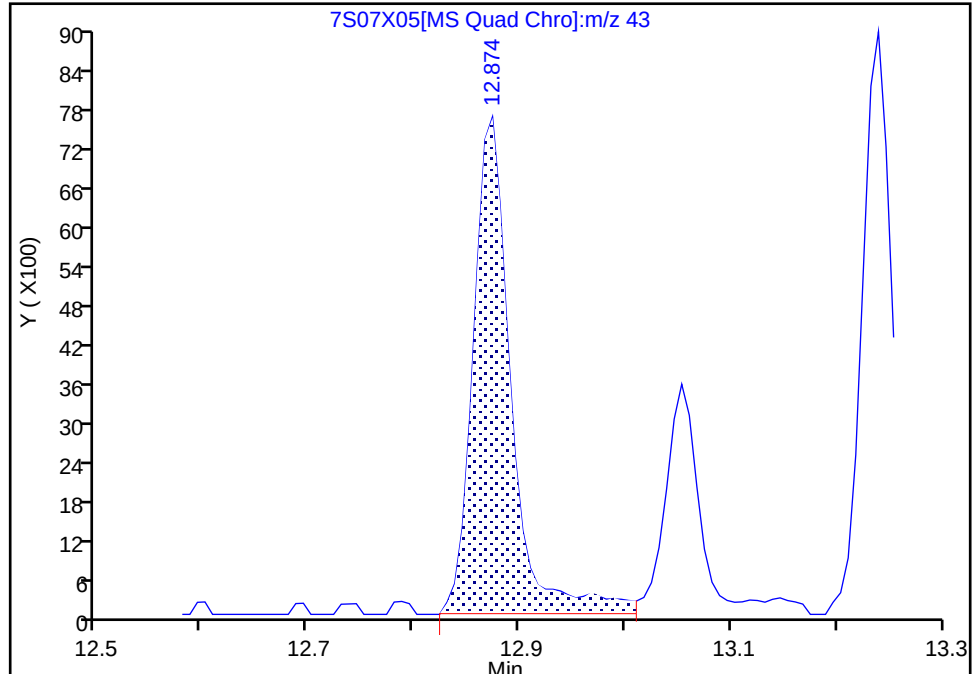
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D
Injection Date: 07-Sep-2025 23:52:32 Instrument ID: HP8R004
Lims ID: IC Cal 0.2ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

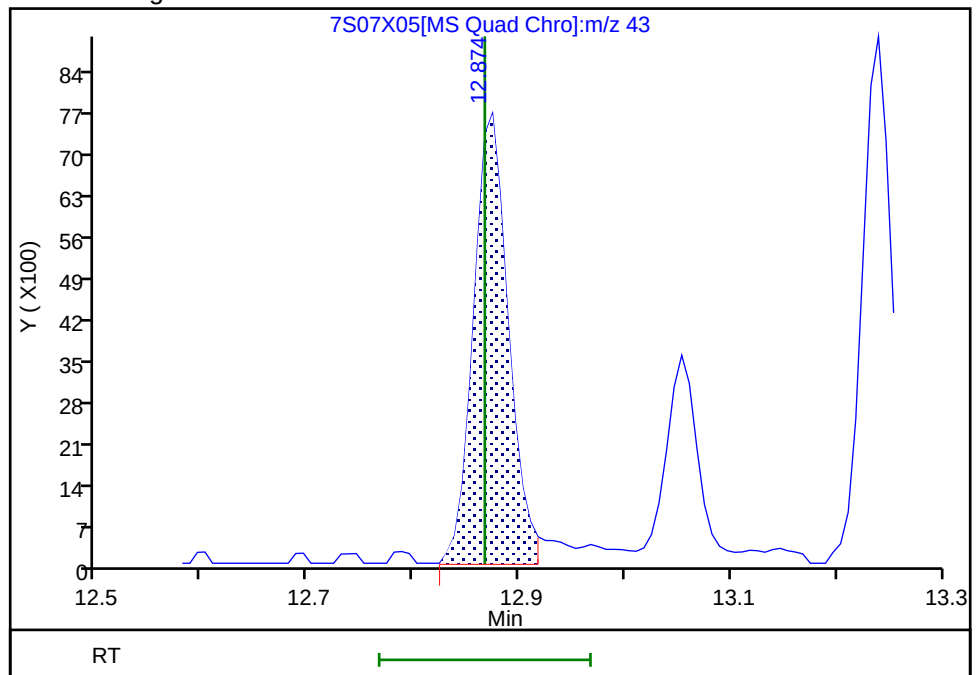
RT: 12.87
Area: 18971
Amount: 0.239018
Amount Units: ppb v/v

Processing Integration Results



RT: 12.87
Area: 17345
Amount: 0.221734
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 10:02:58 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

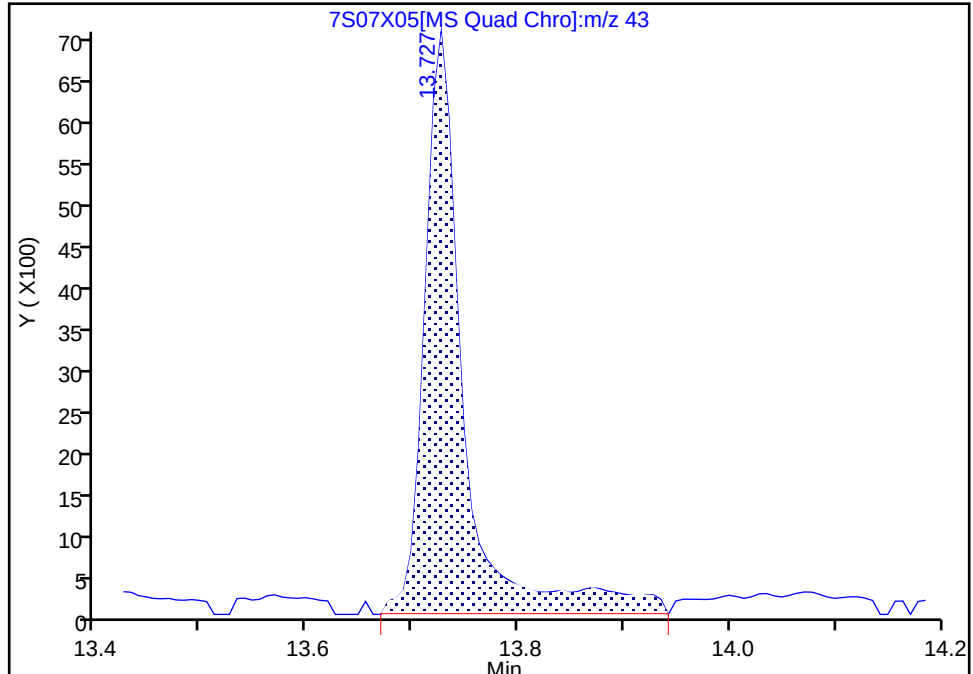
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D
Injection Date: 07-Sep-2025 23:52:32 Instrument ID: HP8R004
Lims ID: IC Cal 0.2ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

67 2-Hexanone, CAS: 591-78-6

Signal: 1

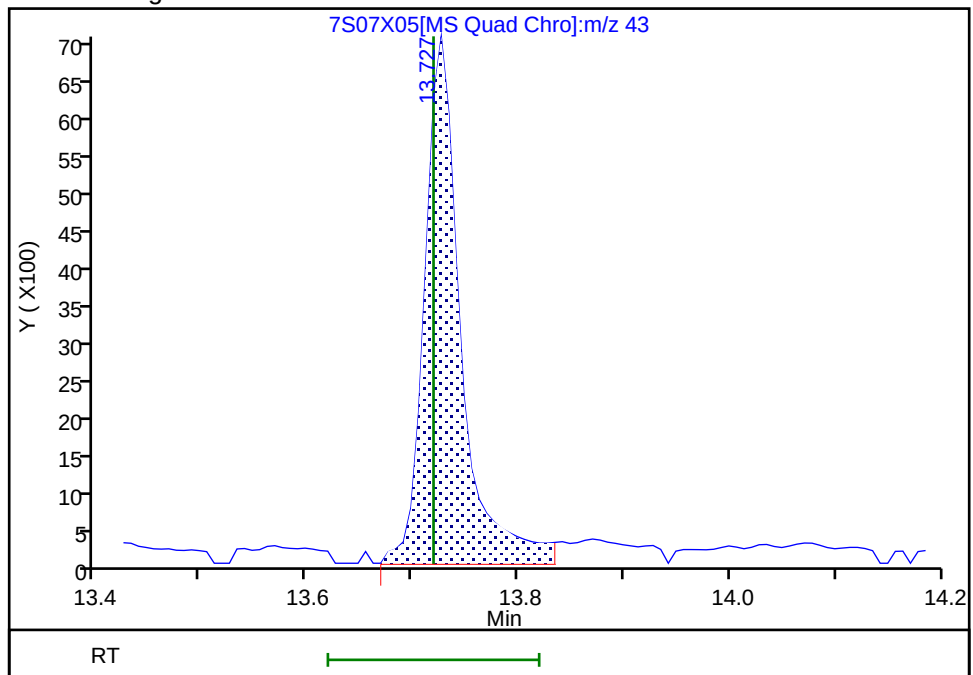
RT: 13.73
Area: 18282
Amount: 0.244198
Amount Units: ppb v/v

Processing Integration Results



RT: 13.73
Area: 16653
Amount: 0.226366
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:36:29 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

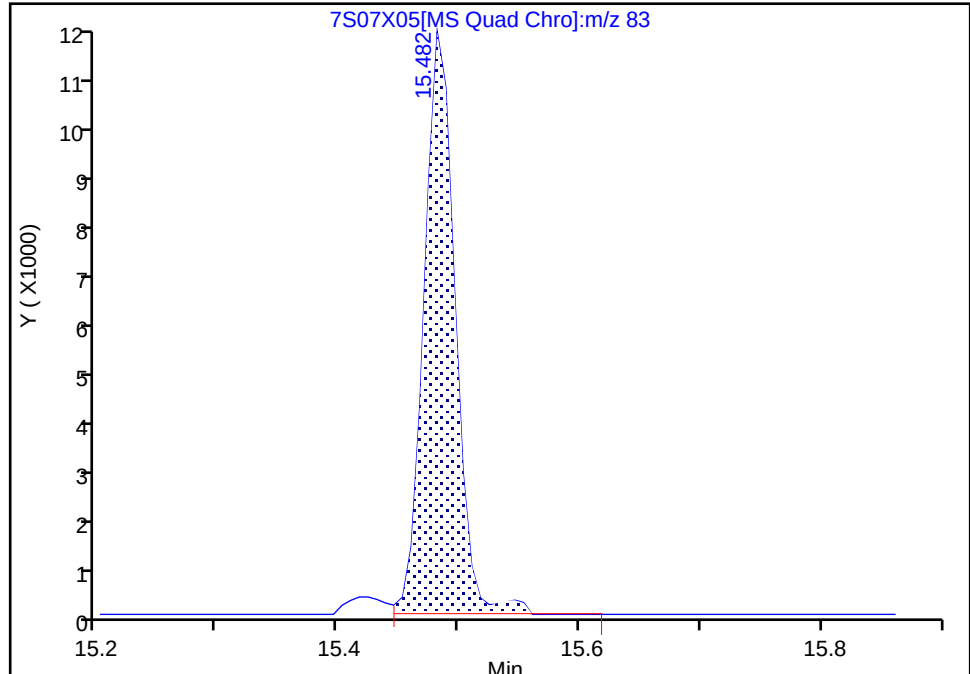
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D
Injection Date: 07-Sep-2025 23:52:32 Instrument ID: HP8R004
Lims ID: IC Cal 0.2ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

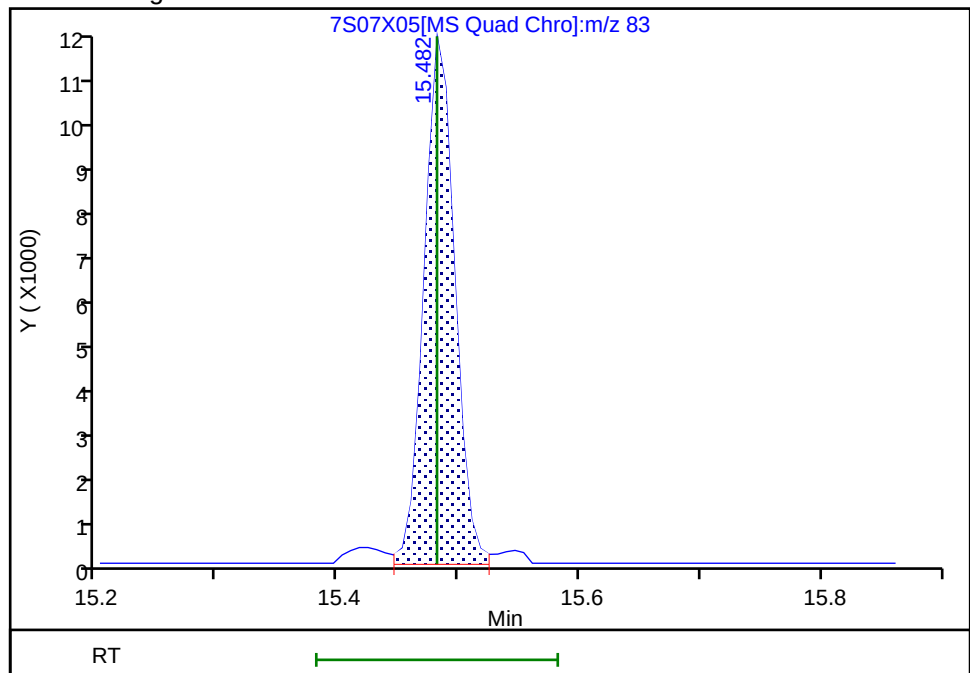
RT: 15.48
Area: 19782
Amount: 0.213364
Amount Units: ppb v/v

Processing Integration Results



RT: 15.48
Area: 19345
Amount: 0.209199
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:36:42 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

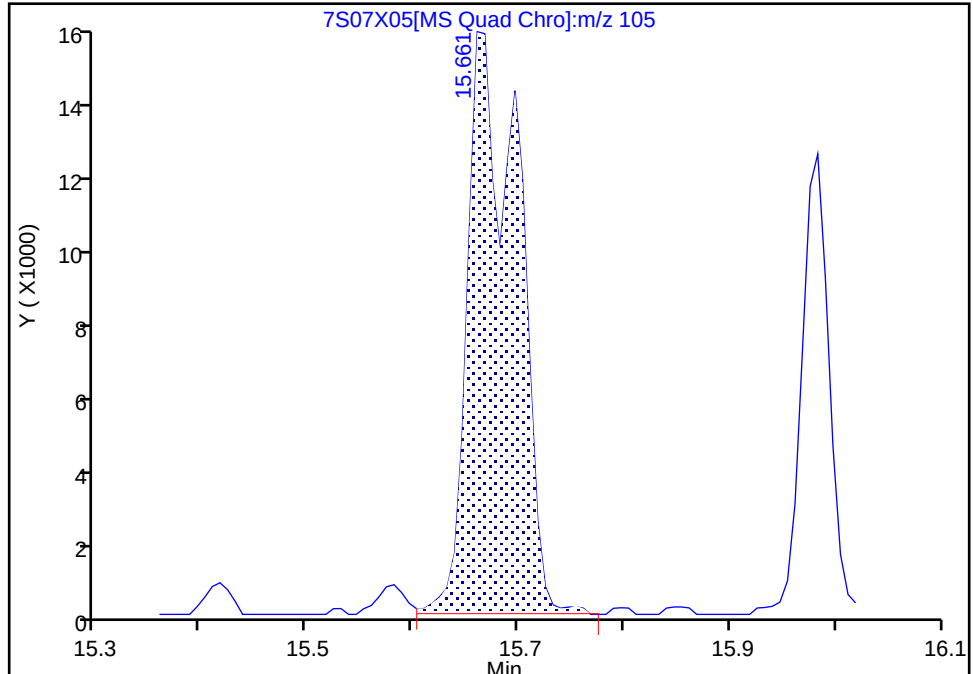
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D
Injection Date: 07-Sep-2025 23:52:32 Instrument ID: HP8R004
Lims ID: IC Cal 0.2ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

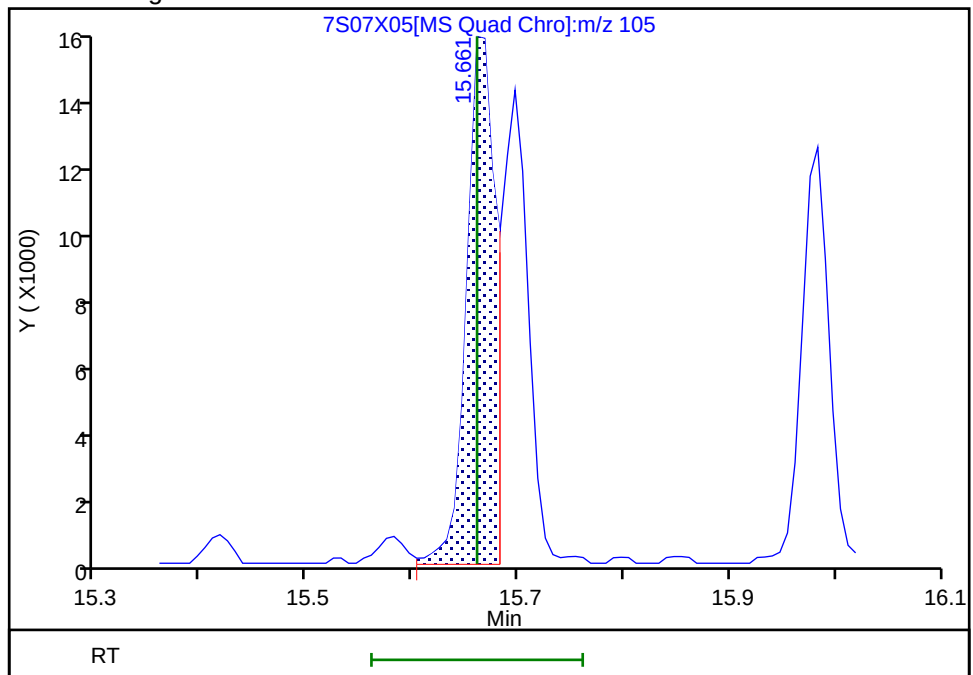
RT: 15.66
Area: 51761
Amount: 0.249394
Amount Units: ppb v/v

Processing Integration Results



RT: 15.66
Area: 28674
Amount: 0.213065
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:42:41 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

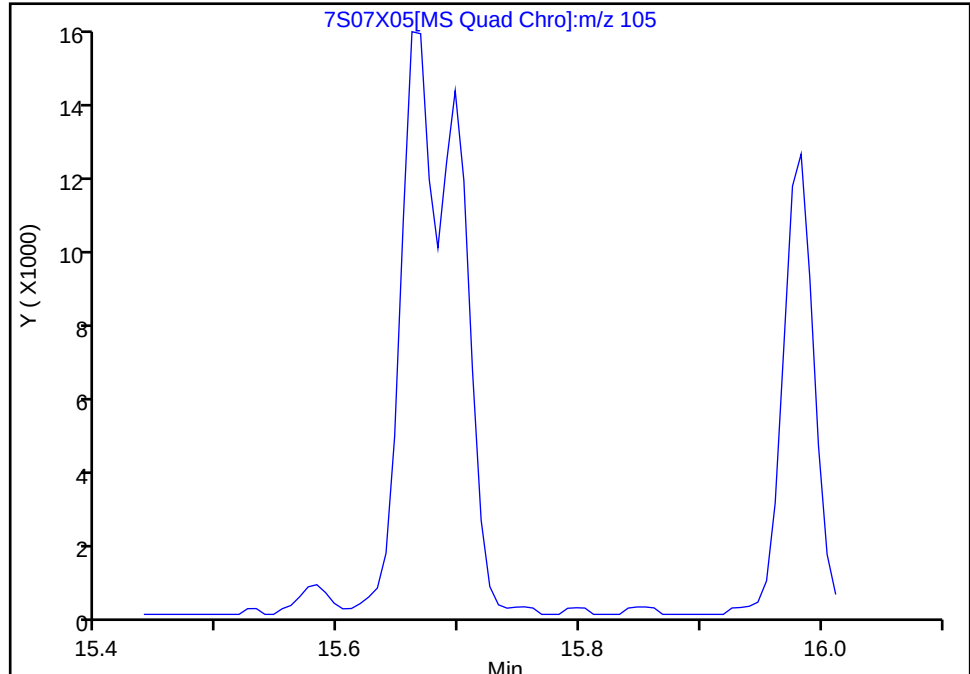
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D
Injection Date: 07-Sep-2025 23:52:32 Instrument ID: HP8R004
Lims ID: IC Cal 0.2ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

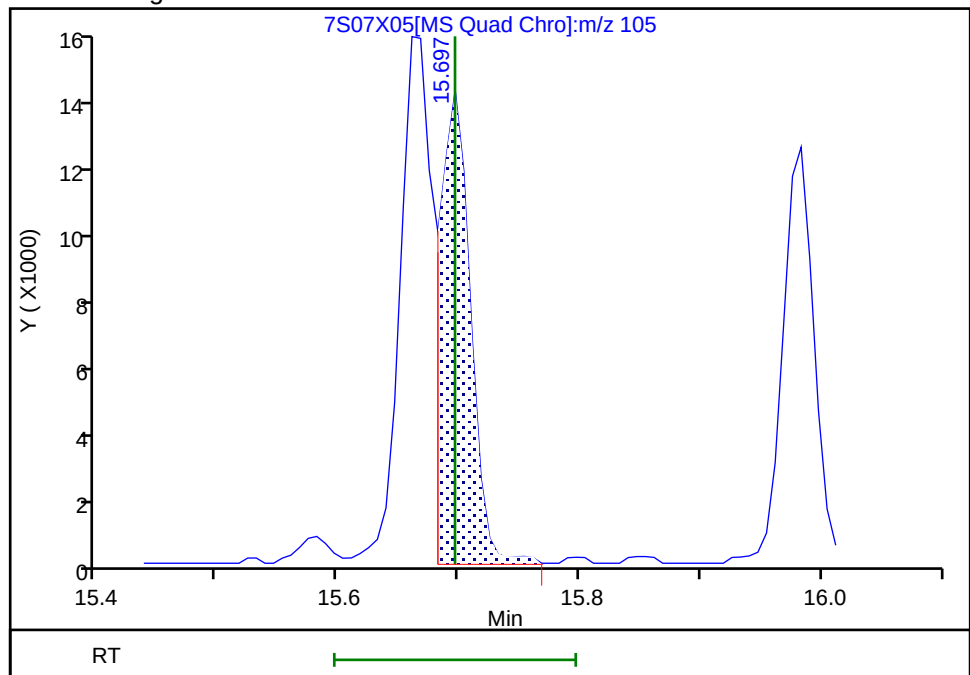
Not Detected
Expected RT: 15.70

Processing Integration Results



RT: 15.70
Area: 23087
Amount: 0.214293
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:42:54 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

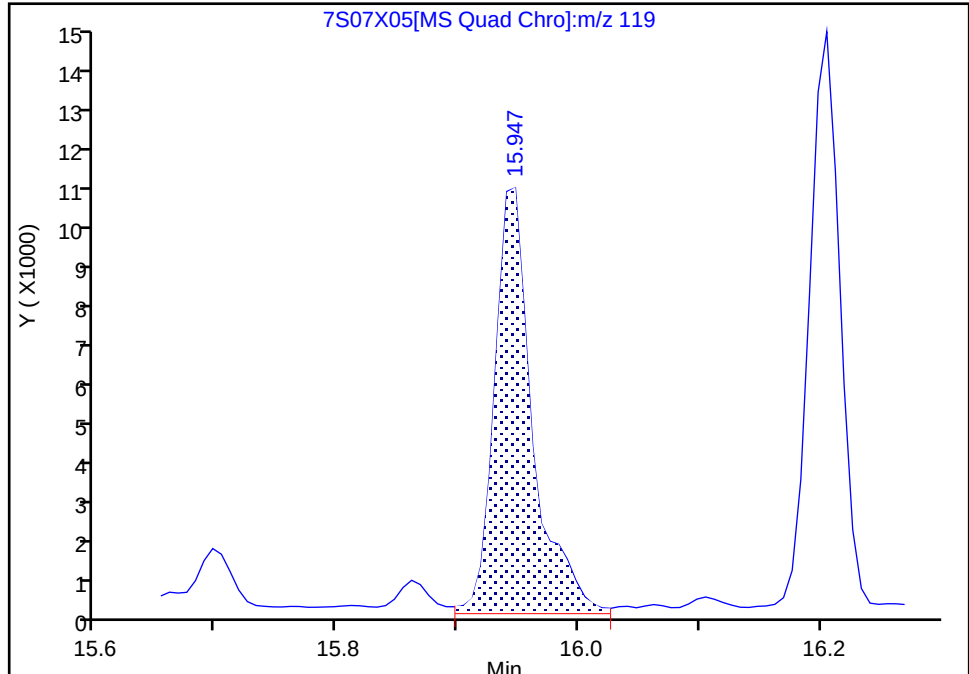
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X05.D
Injection Date: 07-Sep-2025 23:52:32 Instrument ID: HP8R004
Lims ID: IC Cal 0.2ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

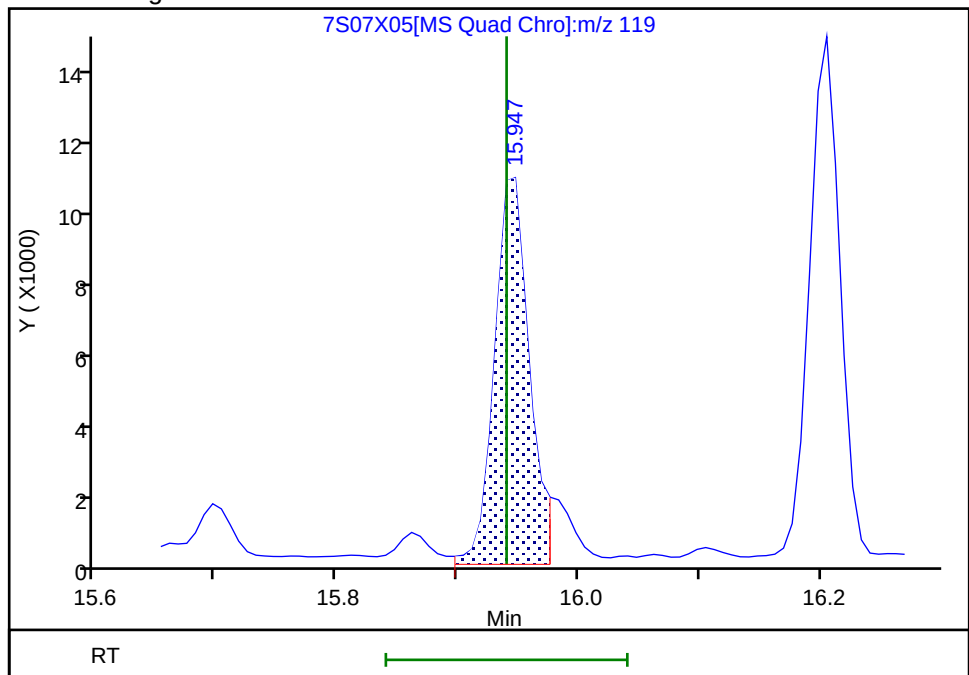
RT: 15.95
Area: 24193
Amount: 0.220450
Amount Units: ppb v/v

Processing Integration Results



RT: 15.95
Area: 21624
Amount: 0.201468
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:36:52 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D
 Lims ID: IC Cal 0.5ppb
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 08-Sep-2025 00:19:00 ALS Bottle#: 2 Worklist Smp#: 6
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: IC CAL 0.5PPB
 Misc. Info.: 410-0158855-006
 Operator ID: AL109694 Instrument ID: HP8R004
 Sublist: chrom-TO15LLMethods_HP8R004*sub1
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 11-Sep-2025 08:47:50 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1694

First Level Reviewer: JXC9

Date: 09-Sep-2025 13:26:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.312	3.304	0.008	98	8938	NC	NC	M
2 Dichlorodifluoromethane	85	3.376	3.376	0.000	87	37642	0.5000	0.4941	
3 Chlorodifluoromethane	51	3.412	3.412	0.000	71	15244	0.5000	0.3535	M
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.648	3.641	0.007	94	25302	0.5000	0.3733	
5 Chloromethane	50	3.770	3.770	0.000	97	10305	0.5000	0.3777	
124 Butane	43	4.006	4.006	0.000	92	24688	0.5000	0.4821	M
6 Vinyl chloride	62	4.014	4.013	0.001	60	10792	0.5000	0.3885	
7 Butadiene	54	4.092	4.092	0.000	84	10194	0.5000	0.4734	
8 Bromomethane	94	4.701	4.694	0.007	83	10618	0.5000	0.5132	
9 Chloroethane	64	4.909	4.909	0.000	83	9186	0.5000	0.5476	M
10 Vinyl bromide	106	5.274	5.274	0.000	91	12429	0.5000	0.4619	
13 Dichlorofluoromethane	67	5.332	5.331	0.001	81	35045	NC	NC	
12 Trichlorofluoromethane	101	5.403	5.403	0.000	85	34140	0.5000	0.4918	
11 Pentane	43	5.582	5.582	0.000	95	31019	NC	NC	
14 Ethanol	45	5.683	5.661	0.022	50	3883	NC	NC	M
19 Acrolein	56	6.163	6.148	0.015	90	5702	NC	NC	M
15 1,1-Dichloroethene	61	6.349	6.349	0.000	86	23451	0.5000	0.4994	
16 1,1,2-Trichloro-1,2,2-trifluoroe	103	6.370	6.370	0.000	92	14075	0.5000	0.4067	
23 Acetone	43	6.385	6.377	0.008	96	25206	0.5000	0.5086	
20 Isopropyl alcohol	45	6.599	6.592	0.007	76	20019	0.5000	0.5458	
18 Iodomethane	142	6.607	6.606	0.001	96	25252	NC	NC	
17 Carbon disulfide	76	6.757	6.757	0.000	98	46995	0.5000	0.4731	
28 Acetonitrile	41	6.843	6.829	0.014	87	14474	NC	NC	
21 3-Chloro-1-propene	41	6.979	6.972	0.007	87	23597	0.5000	0.5160	
22 Methylene Chloride	84	7.187	7.187	0.000	89	12998	0.5000	0.4945	
27 2-Methyl-2-propanol	59	7.301	7.287	0.014	90	14117	0.5700	0.4641	M
31 Acrylonitrile	53	7.538	7.531	0.007	92	11885	NC	NC	M
26 Methyl tert-butyl ether	73	7.638	7.631	0.007	90	30136	0.5000	0.4192	
24 trans-1,2-Dichloroethene	61	7.660	7.659	0.001	90	25882	0.5000	0.5184	
25 Hexane	56	8.111	8.111	0.000	92	12988	0.5000	0.5043	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Vinyl acetate	86	8.333	8.326	0.007	97	3559	NC	NC	
30 1,1-Dichloroethane	63	8.354	8.347	0.007	83	34545	0.5000	0.5675	
29 Isopropyl ether	45	8.397	8.390	0.007	94	45930	NC	NC	M
32 Tert-butyl ethyl ether	59	8.970	8.963	0.007	89	34312	NC	NC	
43 2-Butanone (MEK)	72	9.193	9.178	0.015	97	6757	0.5000	0.4796	
34 cis-1,2-Dichloroethene	61	9.243	9.235	0.008	72	28790	0.5000	0.5082	
38 Ethyl acetate	70	9.250	9.243	0.008	71	3177	NC	NC	
39 Methyl acrylate	55	9.336	9.321	0.015	84	30566	NC	NC	
* 35 Chlorobromomethane (IS)	130	9.615	9.608	0.007	91	333502	10.0	10.0	
41 Tetrahydrofuran	42	9.644	9.636	0.008	40	20196	0.5000	0.4953	
37 Chloroform	83	9.758	9.751	0.007	80	37322	0.5000	0.5469	
42 1,1,1-Trichloroethane	97	10.052	10.045	0.007	57	29194	0.5000	0.4849	
36 Cyclohexane	56	10.188	10.188	0.000	93	21280	0.5000	0.4471	
40 Carbon tetrachloride	117	10.303	10.303	0.000	76	28973	0.5000	0.5199	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.539	10.532	0.007	0	547841	NC	NC	
46 Benzene	78	10.597	10.589	0.007	90	54276	0.5000	0.5341	
48 1,2-Dichloroethane	62	10.661	10.654	0.007	21	25791	0.5000	0.5504	
47 Tert-amyl methyl ether	73	10.768	10.768	0.000	64	29067	NC	NC	M
44 Isooctane	57	10.776	10.775	0.001	93	72721	0.5000	0.4675	
45 n-Heptane	71	11.026	11.019	0.007	88	15022	0.5000	0.4888	
* 50 1,4-Difluorobenzene	114	11.220	11.212	0.008	96	1256982	10.0	10.0	
49 Trichloroethene	130	11.585	11.585	0.000	91	21324	0.5000	0.5271	
52 Ethyl acrylate	55	11.642	11.635	0.007	91	32281	NC	NC	
53 1,2-Dichloropropane	63	11.929	11.929	0.000	86	22964	0.5000	0.5429	
55 Methyl methacrylate	69	11.943	11.943	0.000	85	15393	0.5000	0.4795	M
56 1,4-Dioxane	88	12.000	11.993	0.007	61	4508	0.5000	0.3283	
51 Dibromomethane	174	12.043	12.043	0.000	82	19604	NC	NC	
54 Dichlorobromomethane	83	12.244	12.244	0.000	90	41156	0.5000	0.5557	
57 cis-1,3-Dichloropropene	75	12.753	12.745	0.008	80	30963	0.5000	0.5203	
60 4-Methyl-2-pentanone (MIBK)	43	12.874	12.867	0.007	92	27421	0.5000	0.3503	
\$ 103 Toluene-d8 (Surr)	98	13.053	13.053	0.000	95	1372618	NC	NC	
59 Toluene	91	13.132	13.125	0.007	78	64669	0.5000	0.5352	M
58 n-Octane	43	13.240	13.240	0.000	87	45564	NC	NC	
62 trans-1,3-Dichloropropene	75	13.340	13.340	0.000	96	23970	0.5000	0.4947	M
63 Ethyl methacrylate	69	13.369	13.368	0.001	84	19554	NC	NC	M
64 1,1,2-Trichloroethane	97	13.548	13.548	0.000	86	22749	0.5000	0.5607	M
61 Tetrachloroethene	166	13.669	13.662	0.007	84	27166	0.5000	0.5218	
67 2-Hexanone	43	13.727	13.719	0.008	94	27736	0.5000	0.3769	M
65 Chlorodibromomethane	127	13.935	13.934	0.001	86	27418	0.5000	0.5259	
66 Ethylene Dibromide	107	14.063	14.063	0.000	93	33318	0.5000	0.5475	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	88	1173550	10.0	10.0	
69 Chlorobenzene	112	14.493	14.493	0.000	90	47936	0.5000	0.5239	
70 Ethylbenzene	91	14.558	14.558	0.000	71	75974	0.5000	0.5208	
71 1,1,1,2-Tetrachloroethane	131	14.558	14.558	0.000	47	22794	NC	NC	
72 m-Xylene & p-Xylene	91	14.665	14.665	0.000	97	108541	1.00	1.00	
73 o-Xylene	91	14.988	14.987	0.001	93	53780	0.5000	0.4998	
74 Styrene	104	15.002	15.002	0.000	88	38933	0.5000	0.4980	
75 Bromoform	173	15.174	15.174	0.000	88	29996	0.5000	0.5313	
76 Isopropylbenzene	105	15.267	15.267	0.000	80	64319	0.5000	0.4773	
79 1,1,2,2-Tetrachloroethane	83	15.482	15.482	0.000	33	46212	0.5000	0.4995	M
83 1,2,3-Trichloropropane	110	15.539	15.539	0.000	57	10713	NC	NC	
78 Bromobenzene	156	15.546	15.539	0.007	88	23941	NC	NC	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
77 N-Propylbenzene	120	15.582	15.582	0.000	76	17602	0.5000	0.4811	
80 4-Ethyltoluene	105	15.661	15.661	0.000	83	64664	0.5000	0.4803	M
81 2-Chlorotoluene	126	15.668	15.668	0.000	92	16666	0.5000	0.4773	
82 1,3,5-Trimethylbenzene	105	15.697	15.696	0.001	56	49445	0.5000	0.4588	Ma
84 Alpha Methyl Styrene	118	15.861	15.861	0.000	90	26116	NC	NC	
85 tert-Butylbenzene	119	15.940	15.940	0.000	65	45387	0.5000	0.4227	M
86 1,2,4-Trimethylbenzene	105	15.983	15.983	0.000	92	49336	0.5000	0.4331	
87 sec-Butylbenzene	105	16.105	16.105	0.000	94	67603	0.5000	0.4138	
88 4-Isopropyltoluene	119	16.205	16.205	0.000	91	51196	0.5000	0.3949	
89 1,3-Dichlorobenzene	146	16.227	16.227	0.000	95	36364	0.5000	0.4815	
90 1,4-Dichlorobenzene	146	16.298	16.298	0.000	90	37530	0.5000	0.4940	
92 Benzyl chloride	126	16.370	16.370	0.000	93	6668	0.5000	0.3740	
91 n-Butylbenzene	92	16.506	16.506	0.000	97	25483	0.5000	0.3641	
94 1,2-Dichlorobenzene	146	16.578	16.578	0.000	92	31394	0.5000	0.4491	
93 Hexachloroethane	117	16.814	16.814	0.000	87	18133	NC	NC	M
95 1,2-Dibromo-3-Chloropropane	157	17.179	17.179	0.000	66	13494	NC	NC	
97 1,2,4-Trichlorobenzene	180	17.881	17.881	0.000	89	18996	0.5000	0.4027	
96 Hexachlorobutadiene	225	17.982	17.974	0.008	87	15691	0.5000	0.3694	
98 Naphthalene	128	18.154	18.153	0.001	97	44681	0.5000	0.3987	
S 100 1,2-Dichloroethene, Total	61				0	54672	1.00	0	
S 109 1,3-Dichloropropene, Total	75				0		1.00	1.02	
S 101 Xylenes, Total	91				0	162321	1.50	0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

AIRCAL10.0_00619

Amount Added: 10.00

Units: mL

AIRIS200 ppb_00521

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 11-Sep-2025 08:48:03

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D

Injection Date: 08-Sep-2025 00:19:00

Instrument ID: HP8R004

Lims ID: IC Cal 0.5ppb

Client ID:

Operator ID: AL109694

ALS Bottle#:

2

Worklist Smp#:

6

Purge Vol: 200.000 mL

Dil. Factor:

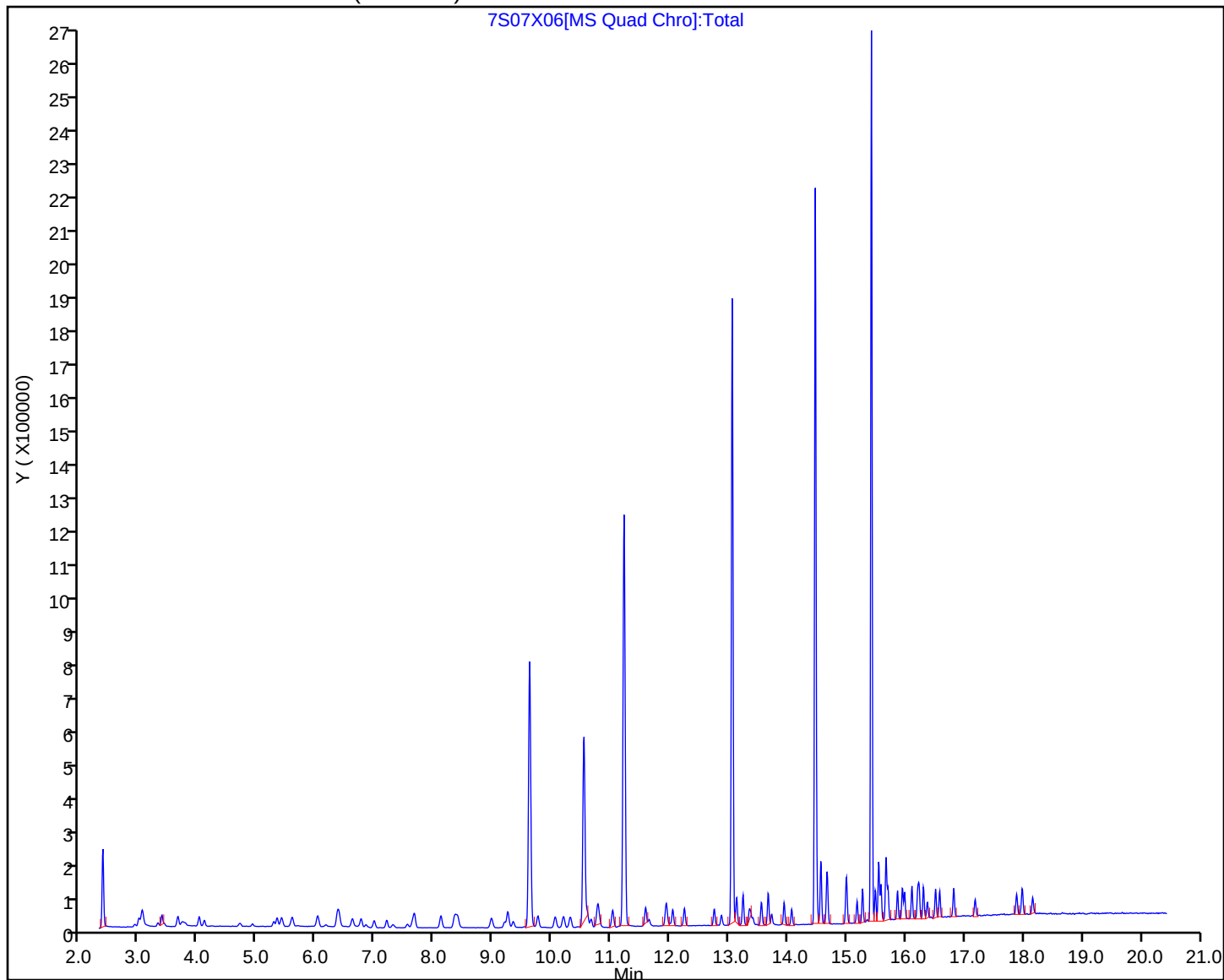
1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

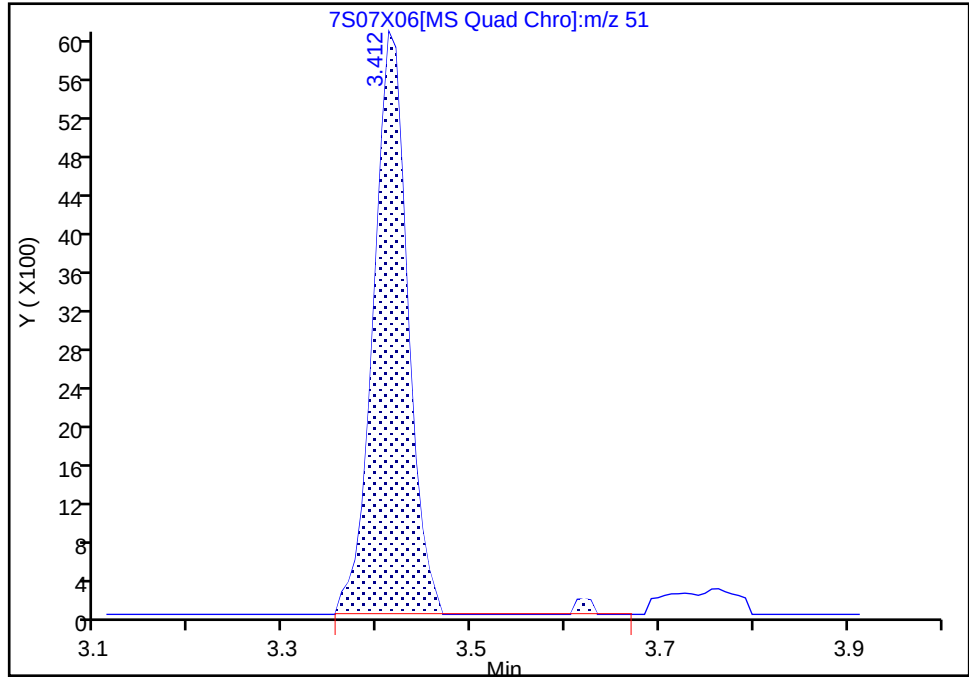
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Injection Date: 08-Sep-2025 00:19:00 Instrument ID: HP8R004
Lims ID: IC Cal 0.5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

3 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

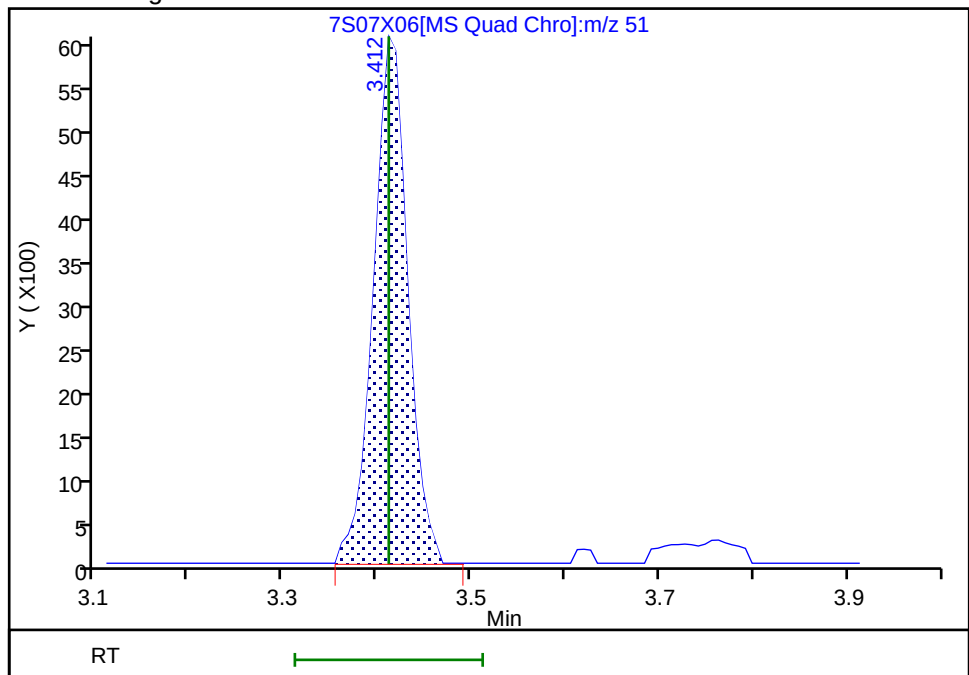
RT: 3.41
Area: 15444
Amount: 0.357722
Amount Units: ppb v/v

Processing Integration Results



RT: 3.41
Area: 15244
Amount: 0.353453
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:27:31 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

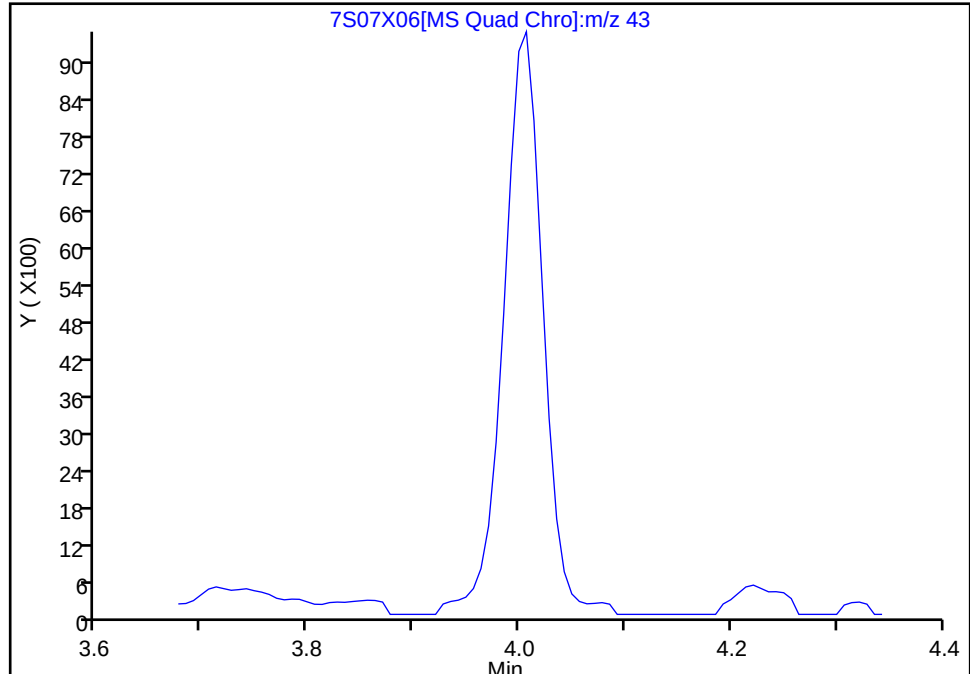
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D
Injection Date: 08-Sep-2025 00:19:00 Instrument ID: HP8R004
Lims ID: IC Cal 0.5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

124 Butane, CAS: 106-97-8

Signal: 1

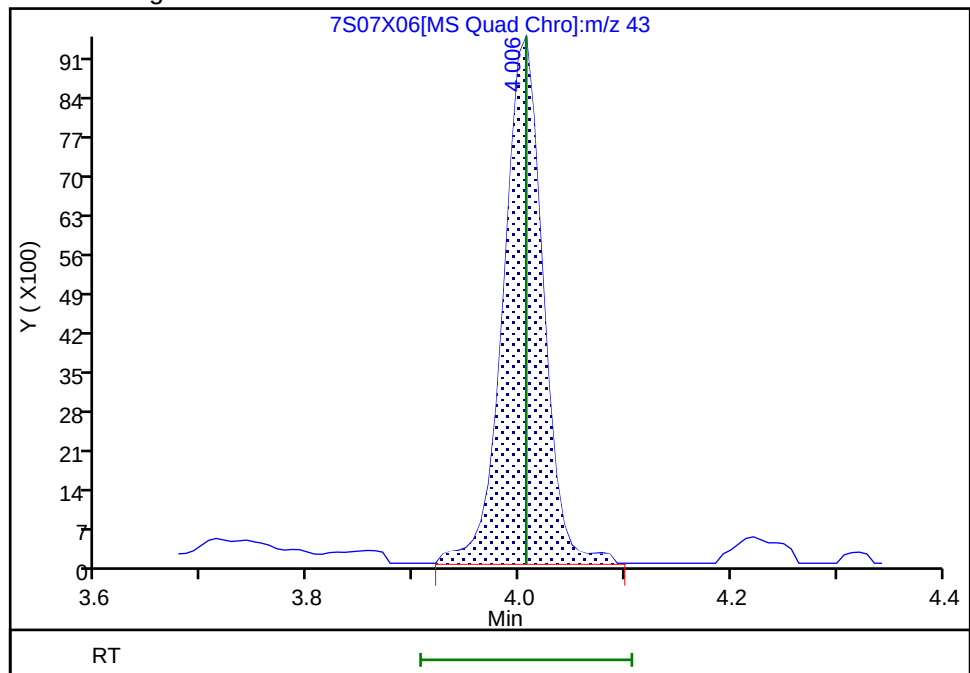
Not Detected
Expected RT: 4.01

Processing Integration Results



RT: 4.01
Area: 24688
Amount: 0.482129
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 11:07:40 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

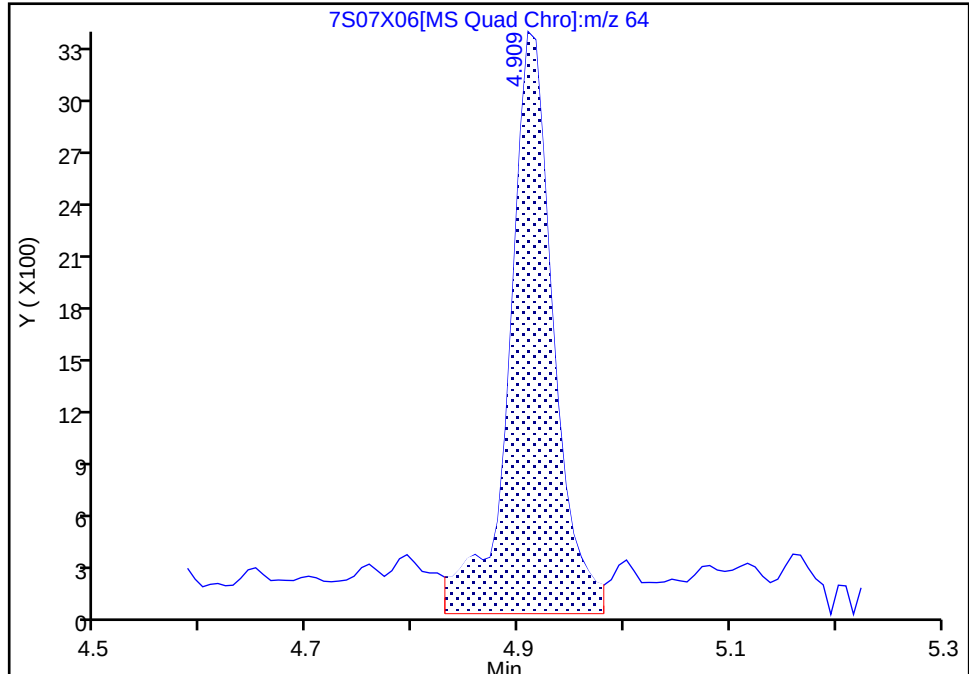
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Injection Date: 08-Sep-2025 00:19:00 Instrument ID: HP8R004
Lims ID: IC Cal 0.5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

9 Chloroethane, CAS: 75-00-3

Signal: 1

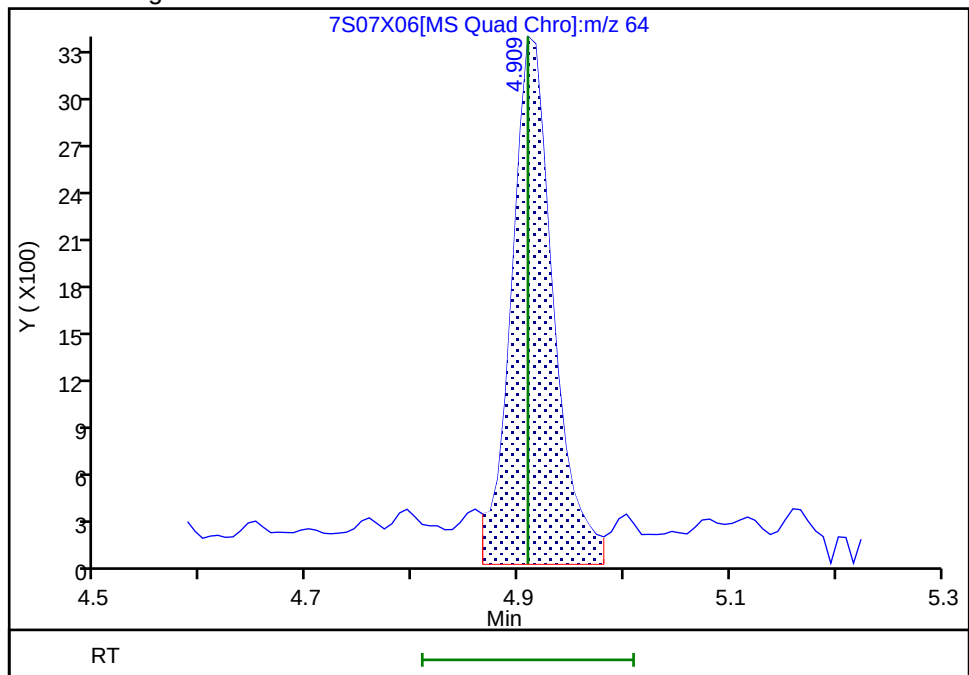
RT: 4.91
Area: 9792
Amount: 0.578479
Amount Units: ppb v/v

Processing Integration Results



RT: 4.91
Area: 9186
Amount: 0.547580
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:39:14 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

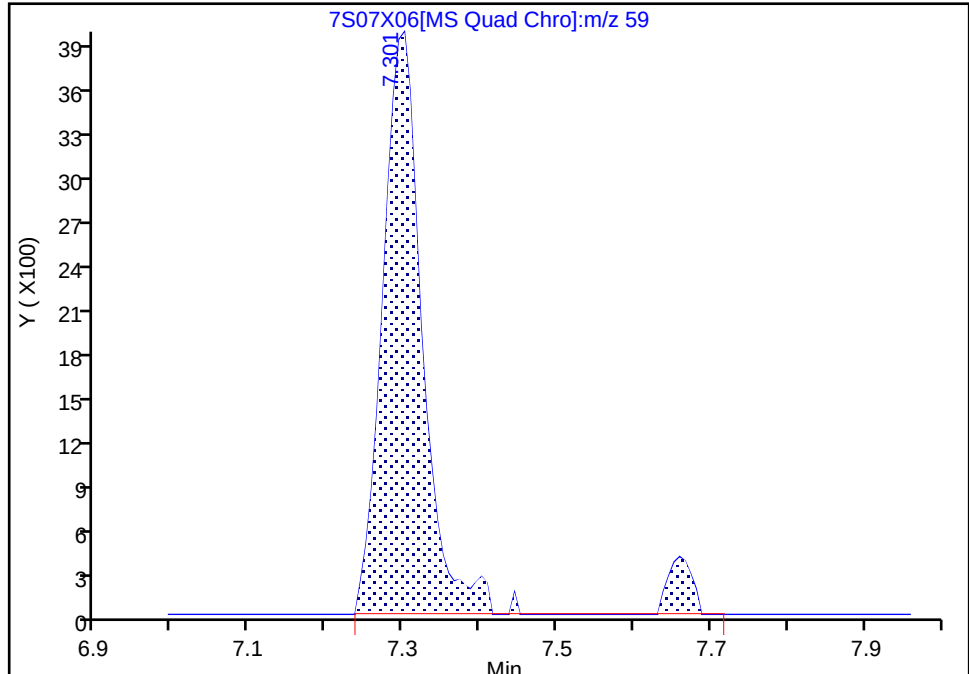
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Injection Date: 08-Sep-2025 00:19:00 Instrument ID: HP8R004
Lims ID: IC Cal 0.5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

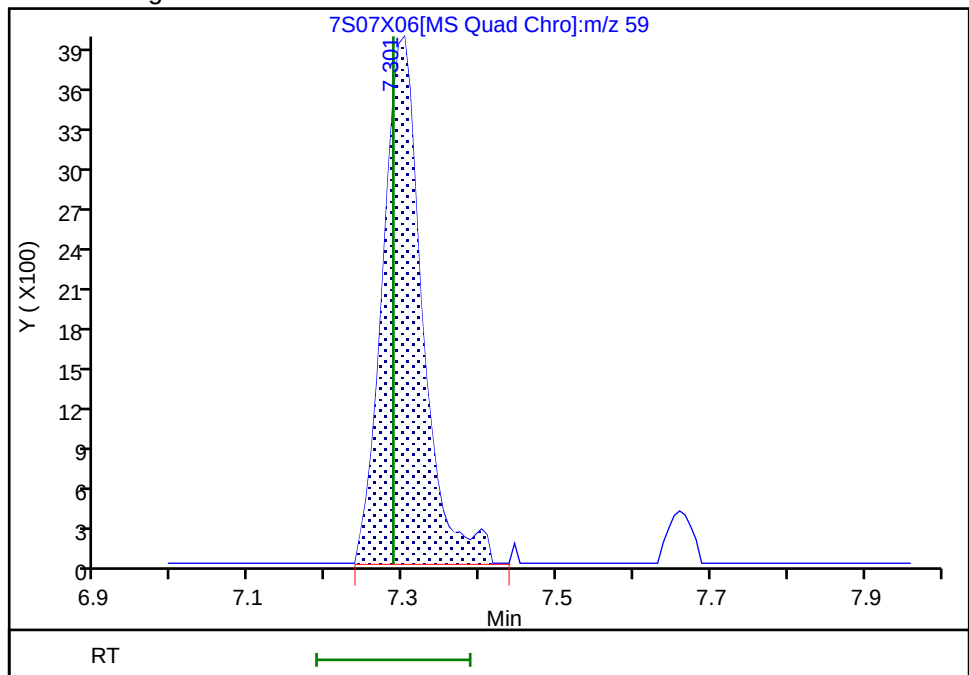
RT: 7.30
Area: 15032
Amount: 0.490895
Amount Units: ppb v/v

Processing Integration Results



RT: 7.30
Area: 14117
Amount: 0.464055
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:28:35 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

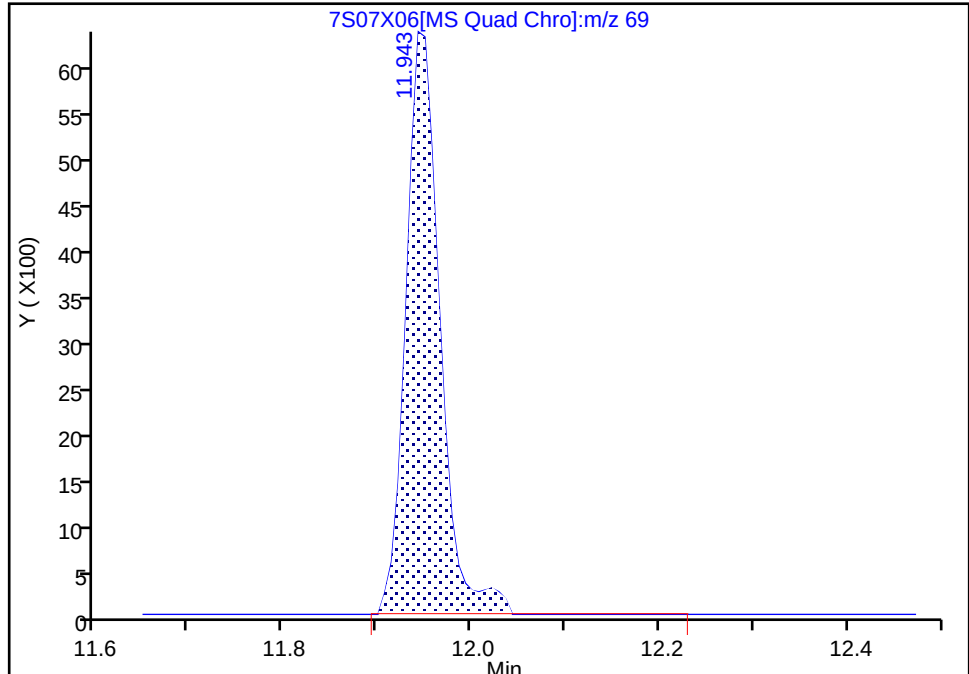
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Injection Date: 08-Sep-2025 00:19:00 Instrument ID: HP8R004
Lims ID: IC Cal 0.5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

55 Methyl methacrylate, CAS: 80-62-6

Signal: 1

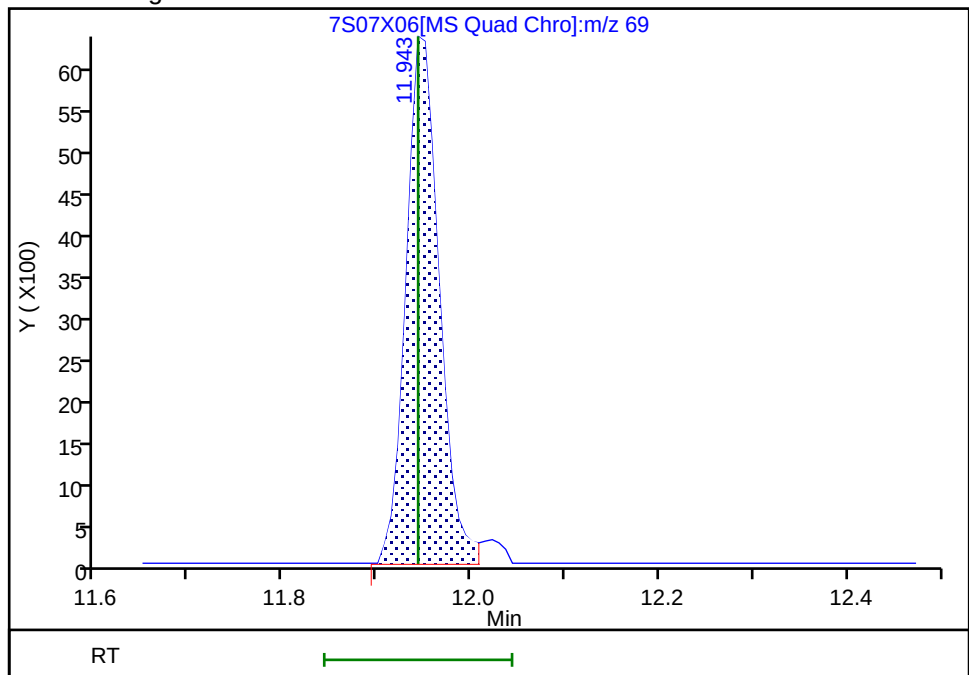
RT: 11.94
Area: 15859
Amount: 0.507065
Amount Units: ppb v/v

Processing Integration Results



RT: 11.94
Area: 15393
Amount: 0.479523
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:31:59 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

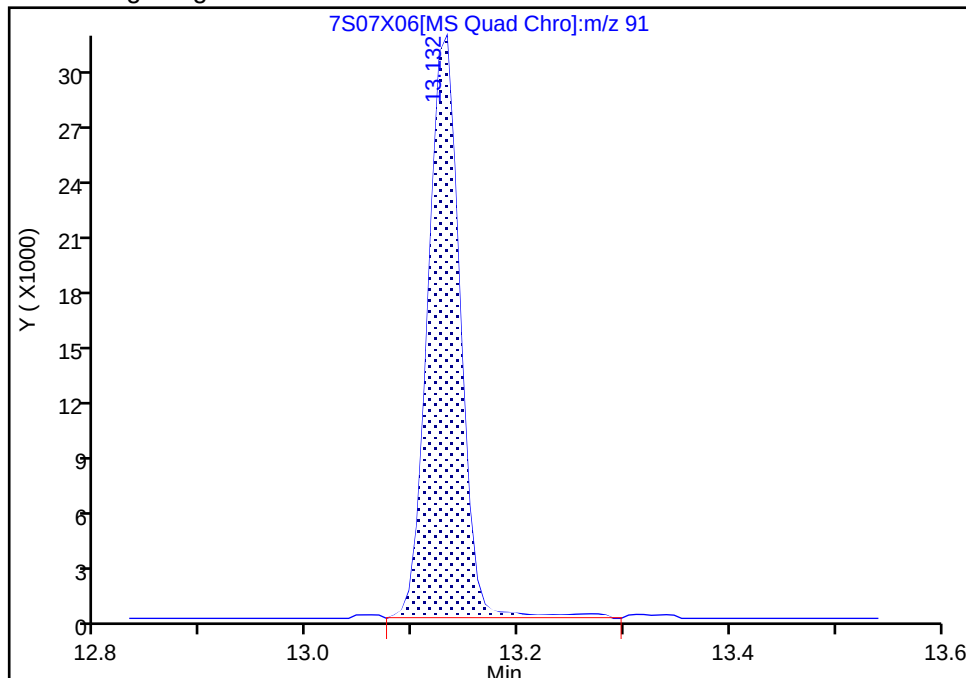
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Injection Date: 08-Sep-2025 00:19:00 Instrument ID: HP8R004
Lims ID: IC Cal 0.5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

59 Toluene, CAS: 108-88-3

Signal: 1

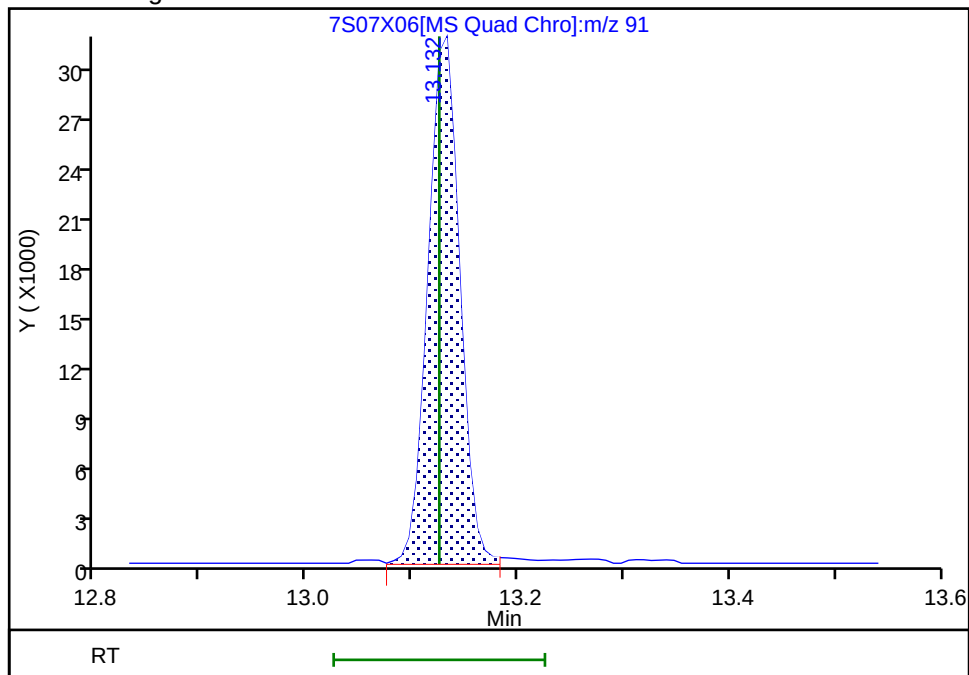
RT: 13.13
Area: 66058
Amount: 0.501662
Amount Units: ppb v/v

Processing Integration Results



RT: 13.13
Area: 64669
Amount: 0.535195
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:31:45 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

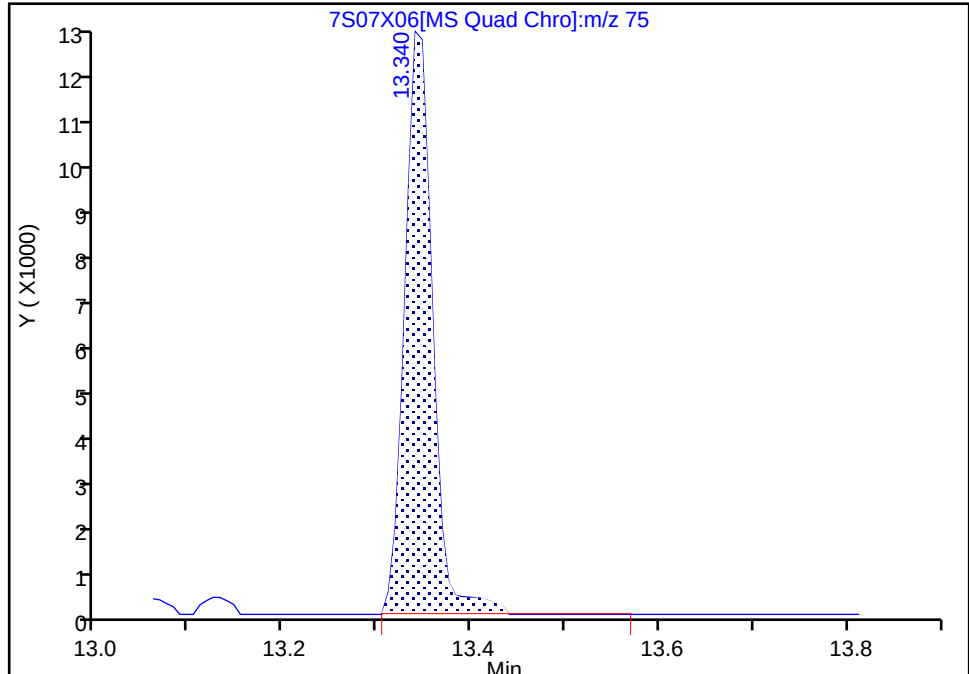
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Lims ID: IC Cal 0.5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

62 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

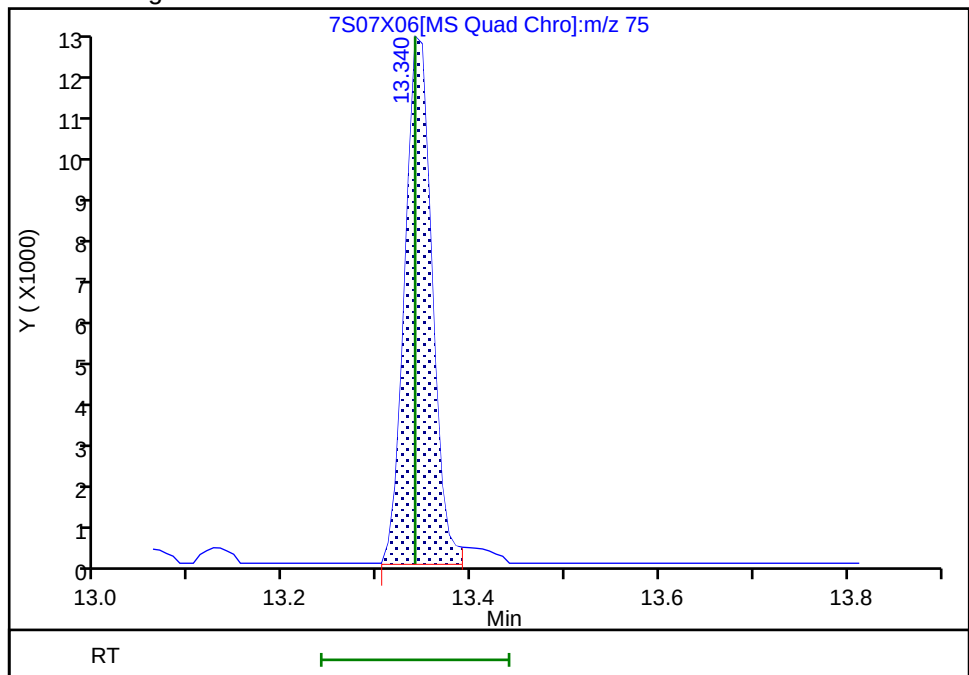
RT: 13.34
Area: 24768
Amount: 0.509315
Amount Units: ppb v/v

Processing Integration Results



RT: 13.34
Area: 23970
Amount: 0.494709
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:39:42 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

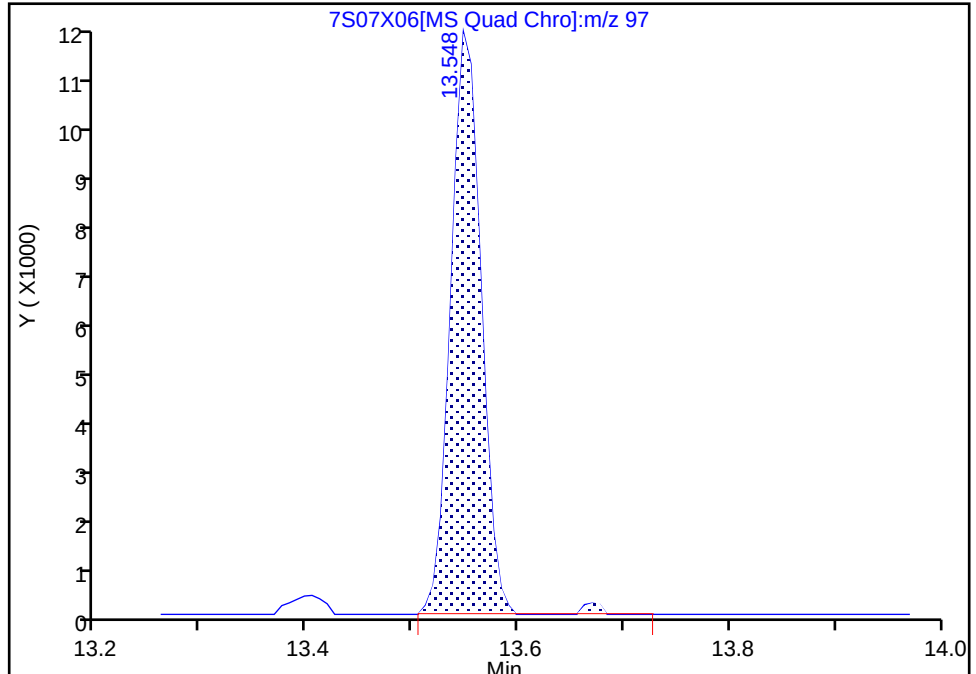
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Injection Date: 08-Sep-2025 00:19:00 Instrument ID: HP8R004
Lims ID: IC Cal 0.5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

64 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

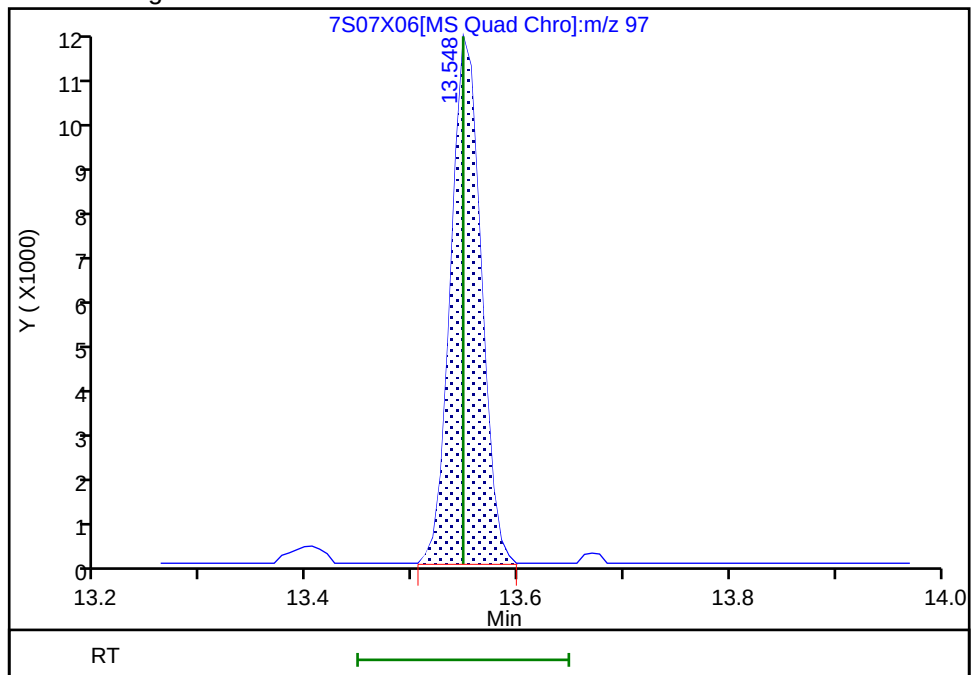
RT: 13.55
Area: 23012
Amount: 0.529756
Amount Units: ppb v/v

Processing Integration Results



RT: 13.55
Area: 22749
Amount: 0.560679
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:30:10 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

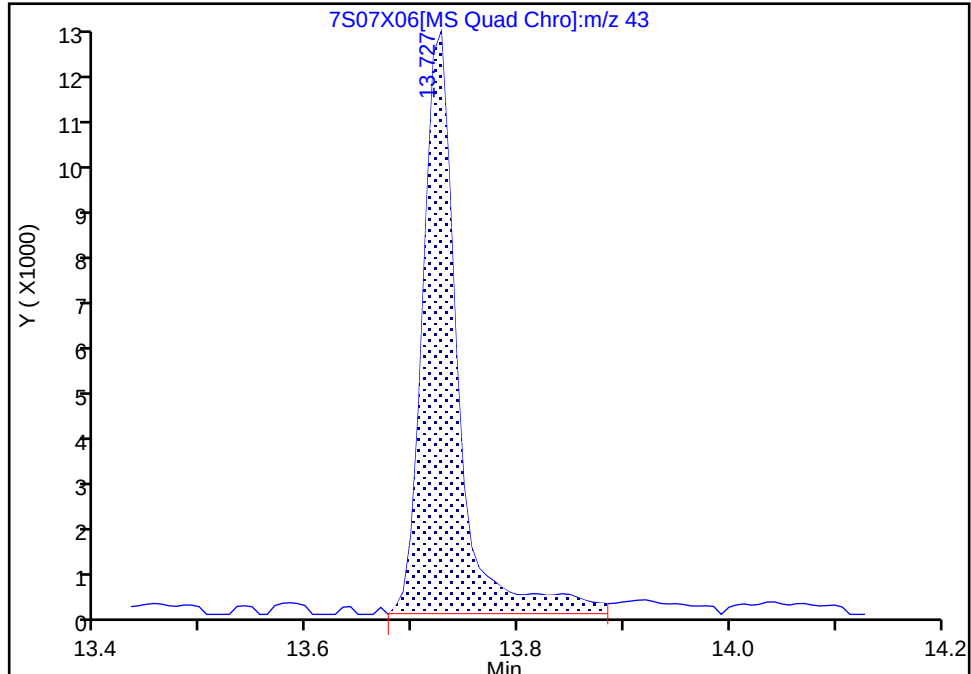
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D
Injection Date: 08-Sep-2025 00:19:00 Instrument ID: HP8R004
Lims ID: IC Cal 0.5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

67 2-Hexanone, CAS: 591-78-6

Signal: 1

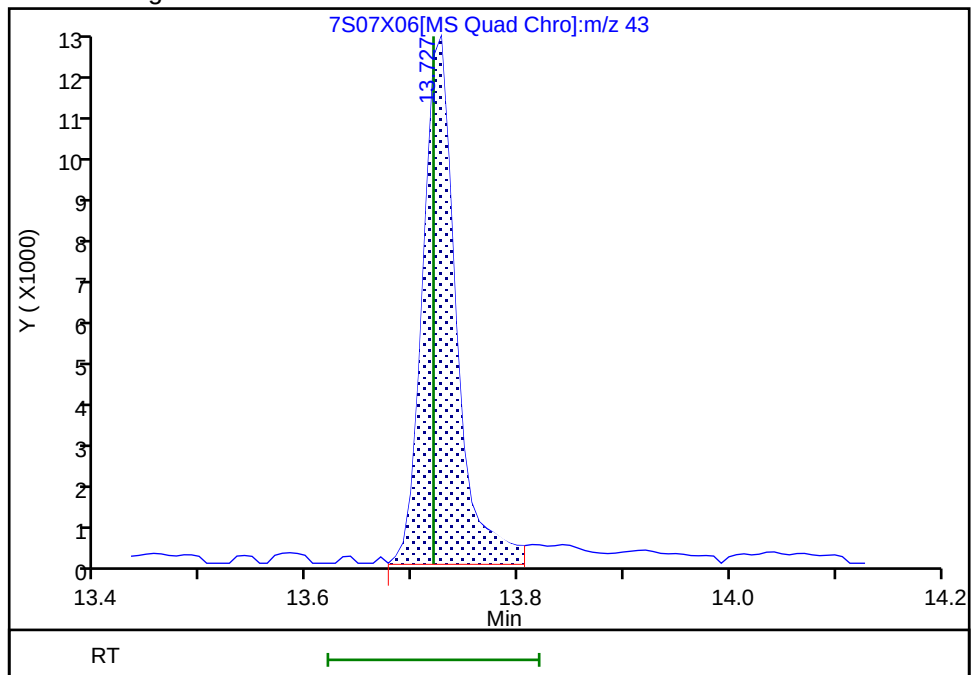
RT: 13.73
Area: 29509
Amount: 0.398814
Amount Units: ppb v/v

Processing Integration Results



RT: 13.73
Area: 27736
Amount: 0.376858
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:39:49 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

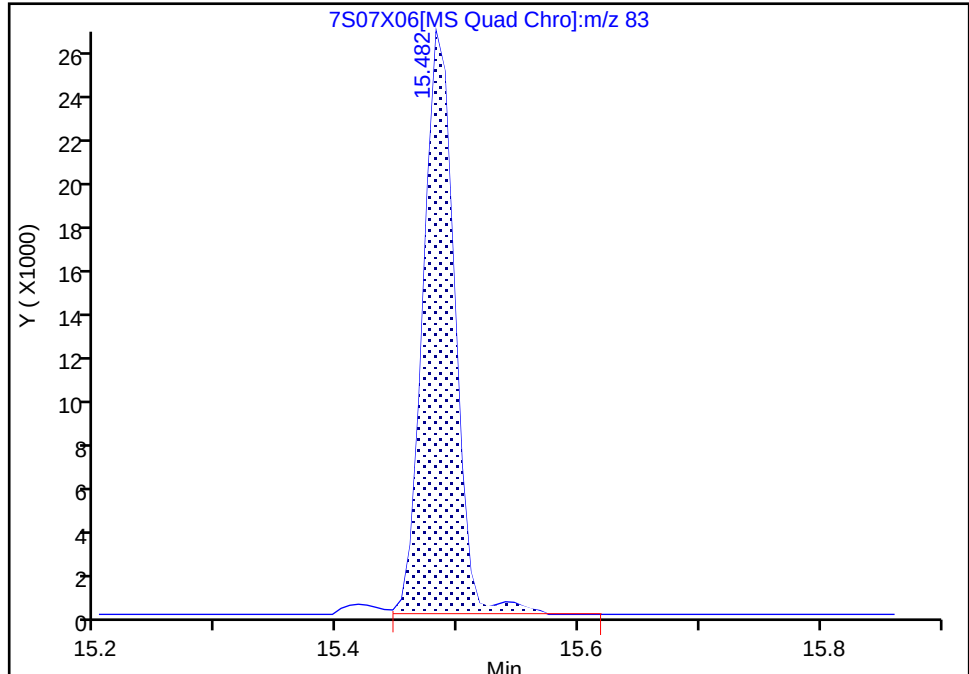
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D
Injection Date: 08-Sep-2025 00:19:00 Instrument ID: HP8R004
Lims ID: IC Cal 0.5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

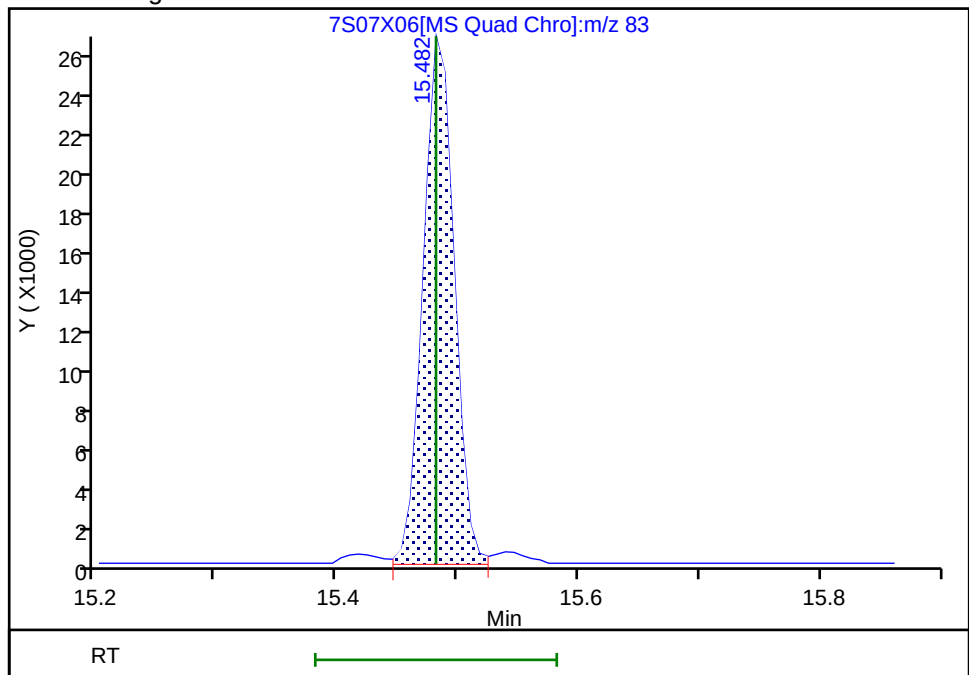
RT: 15.48
Area: 47282
Amount: 0.503498
Amount Units: ppb v/v

Processing Integration Results



RT: 15.48
Area: 46212
Amount: 0.499529
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:30:35 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

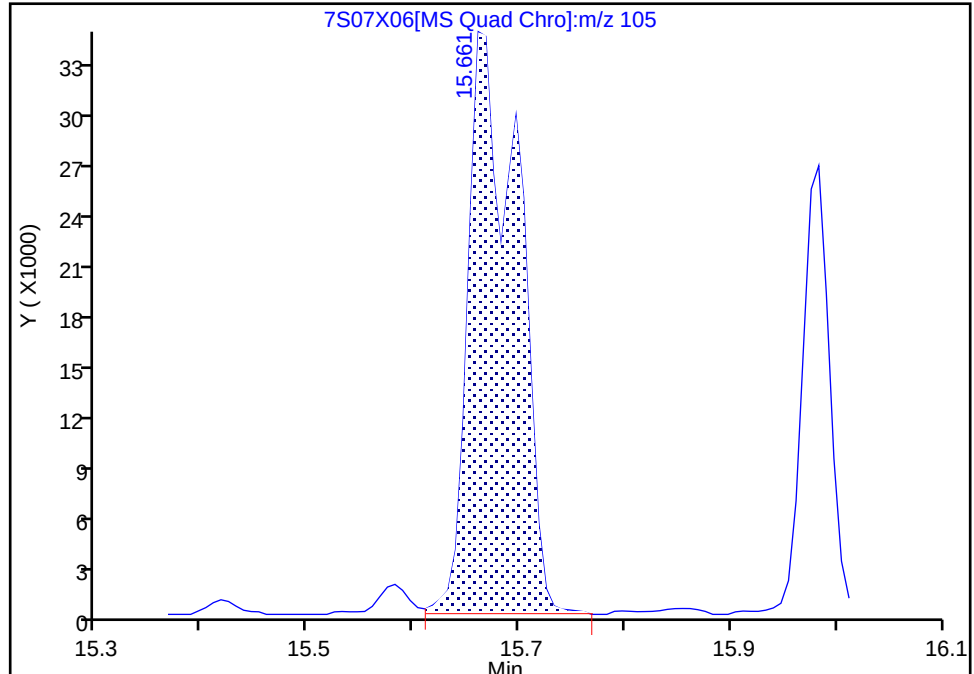
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D
Injection Date: 08-Sep-2025 00:19:00 Instrument ID: HP8R004
Lims ID: IC Cal 0.5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

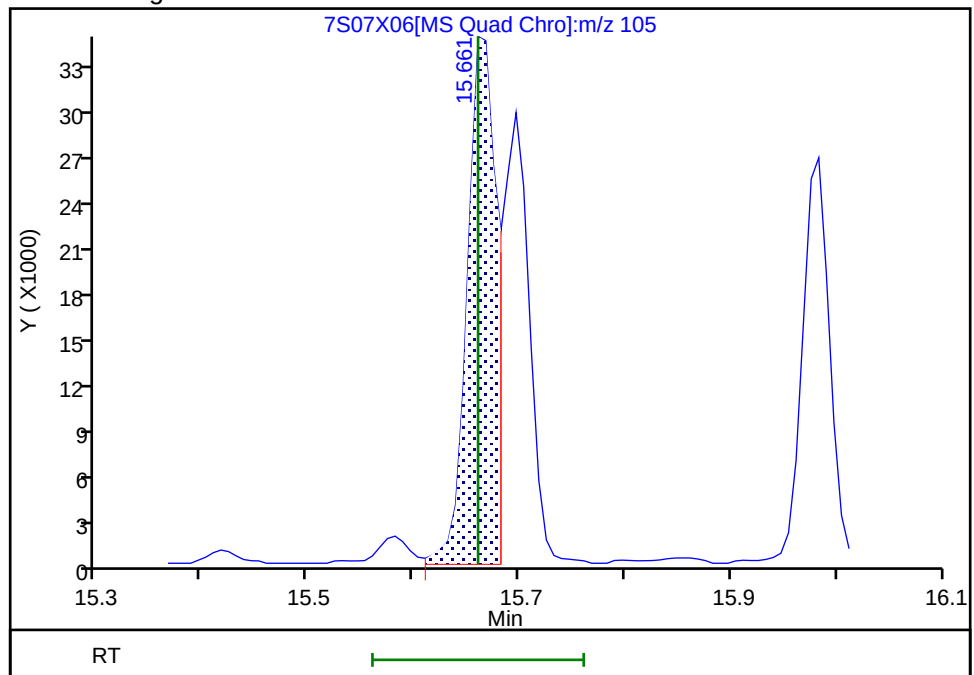
RT: 15.66
Area: 114110
Amount: 0.521949
Amount Units: ppb v/v

Processing Integration Results



RT: 15.66
Area: 64664
Amount: 0.480288
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:30:50 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

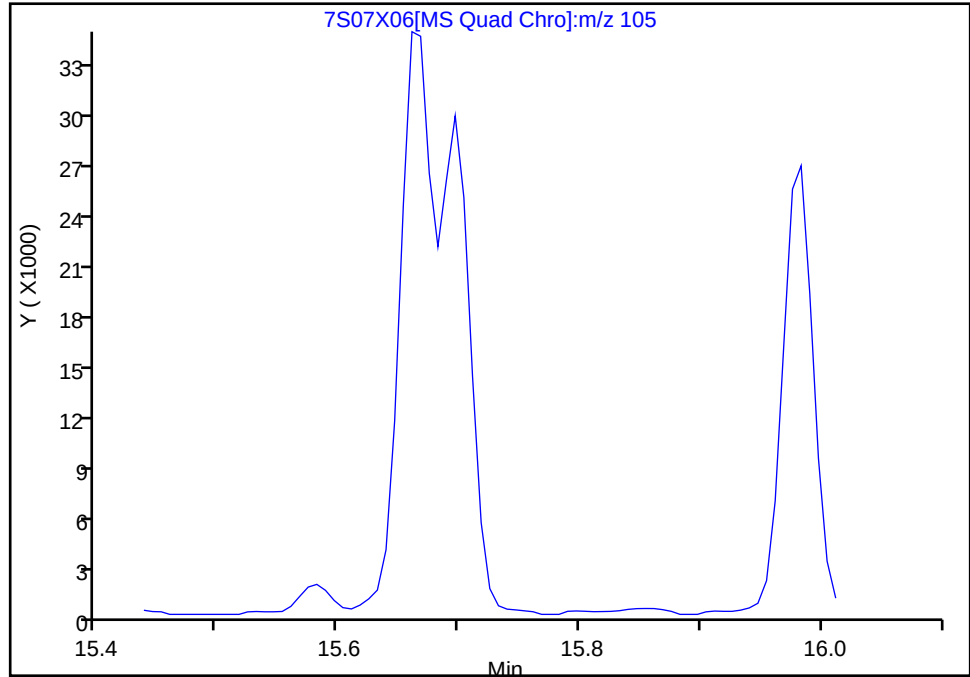
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X06.D
Injection Date: 08-Sep-2025 00:19:00 Instrument ID: HP8R004
Lims ID: IC Cal 0.5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

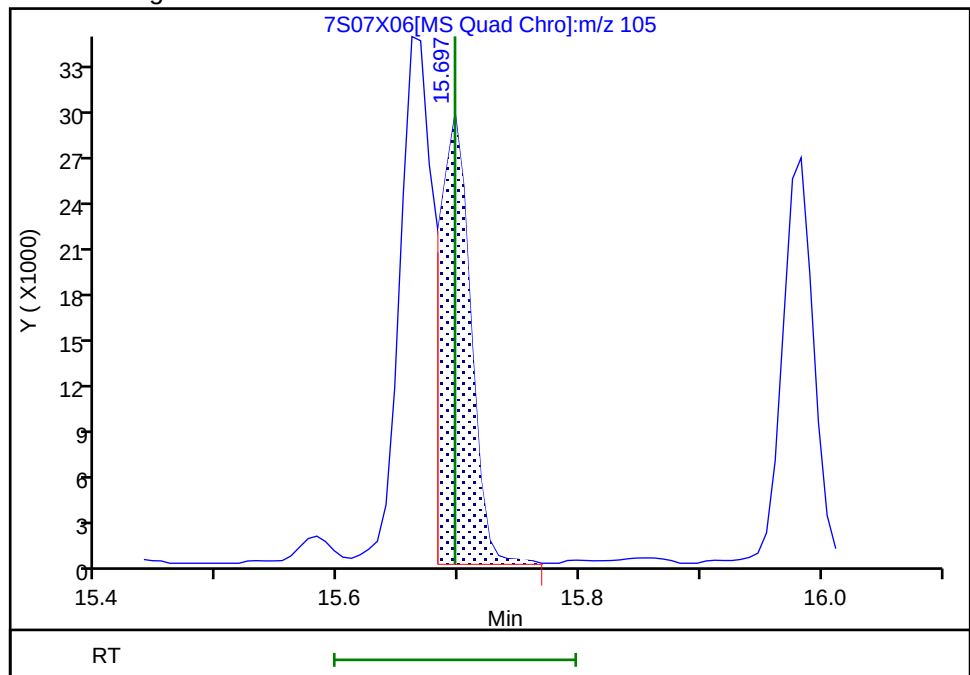
Not Detected
Expected RT: 15.70

Processing Integration Results



Manual Integration Results

RT: 15.70
Area: 49445
Amount: 0.458752
Amount Units: ppb v/v



Reviewer: JXC9, 09-Sep-2025 13:31:07 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

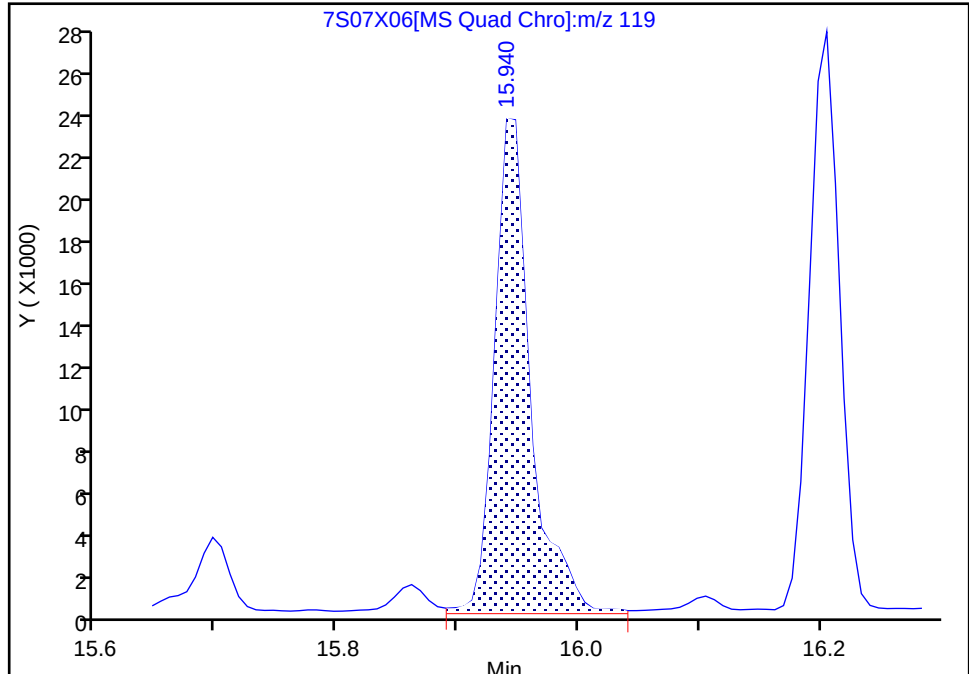
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Injection Date: 08-Sep-2025 00:19:00 Instrument ID: HP8R004
Lims ID: IC Cal 0.5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

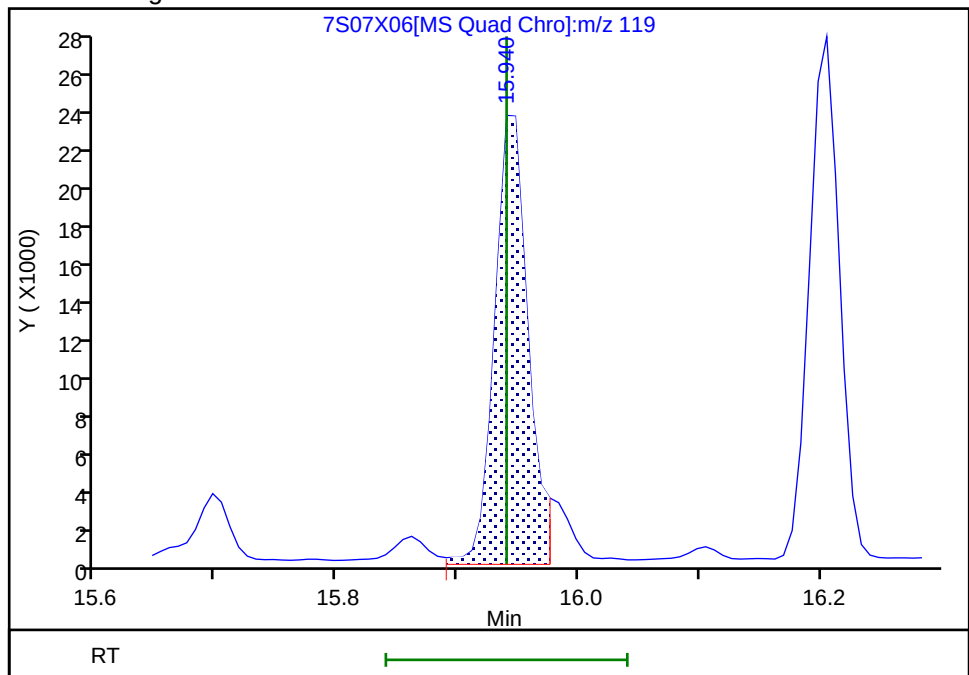
RT: 15.94
Area: 49818
Amount: 0.459736
Amount Units: ppb v/v

Processing Integration Results



RT: 15.94
Area: 45387
Amount: 0.422686
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:40:02 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D
 Lims ID: IC Cal 1ppb
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 08-Sep-2025 00:45:17 ALS Bottle#: 2 Worklist Smp#: 7
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: IC CAL 1PPB
 Misc. Info.: 410-0158855-007
 Operator ID: AL109694 Instrument ID: HP8R004
 Sublist: chrom-TO15LLMethods_HP8R004*sub1
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 11-Sep-2025 08:48:08 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1694

First Level Reviewer: JXC9

Date: 09-Sep-2025 13:25:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.312	3.304	0.008	99	19588	NC	NC	M
2 Dichlorodifluoromethane	85	3.376	3.376	0.000	98	72882	1.00	0.9585	
3 Chlorodifluoromethane	51	3.412	3.412	0.000	76	37016	1.00	0.8600	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.648	3.641	0.007	93	62301	1.00	0.9210	
5 Chloromethane	50	3.770	3.770	0.000	96	23163	1.00	0.8507	
124 Butane	43	4.006	4.006	0.000	0	44844	1.00	0.8775	M
6 Vinyl chloride	62	4.014	4.013	0.001	82	24510	1.00	0.8842	
7 Butadiene	54	4.092	4.092	0.000	94	19703	1.00	0.9168	
8 Bromomethane	94	4.701	4.694	0.007	83	20147	1.00	0.9757	
9 Chloroethane	64	4.909	4.909	0.000	91	17315	1.00	1.03	
10 Vinyl bromide	106	5.274	5.274	0.000	95	24937	1.00	0.9285	
13 Dichlorofluoromethane	67	5.332	5.331	0.001	82	67765	NC	NC	
12 Trichlorofluoromethane	101	5.410	5.403	0.007	85	69984	1.00	1.01	
11 Pentane	43	5.582	5.582	0.000	94	53277	NC	NC	
14 Ethanol	45	5.675	5.661	0.014	52	8152	NC	NC	
19 Acrolein	56	6.155	6.148	0.007	90	12405	NC	NC	
15 1,1-Dichloroethene	61	6.349	6.349	0.000	86	44481	1.00	0.9491	
16 1,1,2-Trichloro-1,2,2-trifluoroe	103	6.370	6.370	0.000	87	30580	1.00	0.8853	
23 Acetone	43	6.385	6.377	0.008	98	48546	1.00	0.9816	
20 Isopropyl alcohol	45	6.599	6.592	0.007	72	33931	1.00	0.9269	
18 Iodomethane	142	6.607	6.606	0.001	98	49416	NC	NC	
17 Carbon disulfide	76	6.757	6.757	0.000	99	92043	1.00	0.9284	
28 Acetonitrile	41	6.836	6.829	0.007	87	26603	NC	NC	
21 3-Chloro-1-propene	41	6.979	6.972	0.007	90	40743	1.00	0.8927	
22 Methylene Chloride	84	7.194	7.187	0.007	93	24191	1.00	0.9222	
27 2-Methyl-2-propanol	59	7.294	7.287	0.007	37	29204	1.14	0.9619	
31 Acrylonitrile	53	7.538	7.531	0.007	98	26585	NC	NC	
26 Methyl tert-butyl ether	73	7.631	7.631	0.000	90	64079	1.00	0.8931	
24 trans-1,2-Dichloroethene	61	7.660	7.659	0.001	92	47872	1.00	0.9607	
25 Hexane	56	8.111	8.111	0.000	89	25319	1.00	0.9850	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Vinyl acetate	86	8.333	8.326	0.007	97	6002	NC	NC	
30 1,1-Dichloroethane	63	8.354	8.347	0.007	86	59843	1.00	0.9850	
29 Isopropyl ether	45	8.390	8.390	0.000	93	93948	NC	NC	
32 Tert-butyl ethyl ether	59	8.963	8.963	0.000	90	78548	NC	NC	
43 2-Butanone (MEK)	72	9.185	9.178	0.007	98	12982	1.00	0.9232	
34 cis-1,2-Dichloroethene	61	9.243	9.235	0.008	73	54641	1.00	0.9664	
38 Ethyl acetate	70	9.257	9.243	0.015	88	7582	NC	NC	
39 Methyl acrylate	55	9.336	9.321	0.015	90	55460	NC	NC	
* 35 Chlorobromomethane (IS)	130	9.615	9.608	0.007	90	332839	10.0	10.0	
41 Tetrahydrofuran	42	9.644	9.636	0.008	51	39886	1.00	0.9801	
37 Chloroform	83	9.758	9.751	0.007	80	67883	1.00	1.00	
42 1,1,1-Trichloroethane	97	10.052	10.045	0.007	58	55375	1.00	0.9216	
36 Cyclohexane	56	10.188	10.188	0.000	90	42613	1.00	0.8971	
40 Carbon tetrachloride	117	10.303	10.303	0.000	78	54014	1.00	0.9711	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.532	10.532	0.000	0	535673	NC	NC	
46 Benzene	78	10.597	10.589	0.007	92	97314	1.00	0.9417	
48 1,2-Dichloroethane	62	10.661	10.654	0.007	58	48066	1.00	1.01	
47 Tert-amyl methyl ether	73	10.768	10.768	0.000	70	66912	NC	NC	
44 Isooctane	57	10.776	10.775	0.001	93	143541	1.00	0.9075	
45 n-Heptane	71	11.026	11.019	0.007	93	29056	1.00	0.9297	
* 50 1,4-Difluorobenzene	114	11.220	11.212	0.008	96	1278199	10.0	10.0	
49 Trichloroethene	130	11.585	11.585	0.000	89	38215	1.00	0.9289	
52 Ethyl acrylate	55	11.635	11.635	0.000	97	63413	NC	NC	
53 1,2-Dichloropropane	63	11.929	11.929	0.000	82	41841	1.00	0.9728	
55 Methyl methacrylate	69	11.943	11.943	0.000	87	31107	1.00	0.9530	
56 1,4-Dioxane	88	12.000	11.993	0.007	84	10862	1.00	0.7778	
51 Dibromomethane	174	12.043	12.043	0.000	83	34291	NC	NC	
54 Dichlorobromomethane	83	12.244	12.244	0.000	91	70948	1.00	0.9420	
57 cis-1,3-Dichloropropene	75	12.745	12.745	0.000	84	56932	1.00	0.9409	
60 4-Methyl-2-pentanone (MIBK)	43	12.874	12.867	0.007	97	62595	1.00	0.7864	M
\$ 103 Toluene-d8 (Surr)	98	13.053	13.053	0.000	95	1372796	NC	NC	
59 Toluene	91	13.132	13.125	0.007	79	119024	1.00	0.9853	
58 n-Octane	43	13.240	13.240	0.000	87	84695	NC	NC	
62 trans-1,3-Dichloropropene	75	13.340	13.340	0.000	98	47889	1.00	0.9887	
63 Ethyl methacrylate	69	13.369	13.368	0.001	86	45184	NC	NC	
64 1,1,2-Trichloroethane	97	13.548	13.548	0.000	91	39328	1.00	0.9696	M
61 Tetrachloroethene	166	13.669	13.662	0.007	91	48251	1.00	0.9270	
67 2-Hexanone	43	13.720	13.719	0.001	93	64120	1.00	0.8715	
65 Chlorodibromomethane	127	13.935	13.934	0.001	90	50960	1.00	0.9778	
66 Ethylene Dibromide	107	14.063	14.063	0.000	97	61152	1.00	1.01	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	88	1173211	10.0	10.0	
69 Chlorobenzene	112	14.493	14.493	0.000	91	89031	1.00	0.9733	
70 Ethylbenzene	91	14.558	14.558	0.000	65	140729	1.00	0.9649	
71 1,1,1,2-Tetrachloroethane	131	14.558	14.558	0.000	52	41919	NC	NC	
72 m-Xylene & p-Xylene	91	14.665	14.665	0.000	96	203996	2.00	1.88	
73 o-Xylene	91	14.988	14.987	0.001	93	103479	1.00	0.9619	
74 Styrene	104	15.002	15.002	0.000	89	74172	1.00	0.9490	
75 Bromoform	173	15.174	15.174	0.000	93	55660	1.00	0.9862	
76 Isopropylbenzene	105	15.267	15.267	0.000	89	130946	1.00	0.9719	
79 1,1,2,2-Tetrachloroethane	83	15.482	15.482	0.000	31	89199	1.00	0.9645	M
83 1,2,3-Trichloropropane	110	15.539	15.539	0.000	57	20534	NC	NC	
78 Bromobenzene	156	15.546	15.539	0.007	86	46832	NC	NC	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
77 N-Propylbenzene	120	15.582	15.582	0.000	85	33671	1.00	0.9206	
80 4-Ethyltoluene	105	15.661	15.661	0.000	85	130349	1.00	0.9684	M
81 2-Chlorotoluene	126	15.668	15.668	0.000	93	32940	1.00	0.9436	
82 1,3,5-Trimethylbenzene	105	15.697	15.696	0.001	65	103654	1.00	0.9620	Ma
84 Alpha Methyl Styrene	118	15.861	15.861	0.000	90	51918	NC	NC	
85 tert-Butylbenzene	119	15.947	15.940	0.007	78	97090	1.00	0.9045	M
86 1,2,4-Trimethylbenzene	105	15.983	15.983	0.000	98	102128	1.00	0.8968	
87 sec-Butylbenzene	105	16.105	16.105	0.000	96	148179	1.00	0.9072	
88 4-Isopropyltoluene	119	16.205	16.205	0.000	94	110572	1.00	0.8531	
89 1,3-Dichlorobenzene	146	16.227	16.227	0.000	95	72443	1.00	0.9595	
90 1,4-Dichlorobenzene	146	16.298	16.298	0.000	90	72936	1.00	0.9602	
92 Benzyl chloride	126	16.370	16.370	0.000	84	14605	1.00	0.8194	M
91 n-Butylbenzene	92	16.506	16.506	0.000	95	58529	1.00	0.8365	
94 1,2-Dichlorobenzene	146	16.578	16.578	0.000	92	64839	1.00	0.9278	
93 Hexachloroethane	117	16.814	16.814	0.000	90	35697	NC	NC	
95 1,2-Dibromo-3-Chloropropane	157	17.179	17.179	0.000	70	27427	NC	NC	
97 1,2,4-Trichlorobenzene	180	17.881	17.881	0.000	93	43067	1.00	0.9132	
96 Hexachlorobutadiene	225	17.975	17.974	0.001	89	37219	1.00	0.8764	
98 Naphthalene	128	18.154	18.153	0.001	98	93859	1.00	0.8378	
S 100 1,2-Dichloroethene, Total	61				0	102513	2.00	0	
S 109 1,3-Dichloropropene, Total	75				0		2.00	1.93	
S 101 Xylenes, Total	91				0	307475	3.00	0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

AIRCAL10.0_00619

Amount Added: 20.00

Units: mL

AIRIS200 ppb_00521

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 11-Sep-2025 08:48:12

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D

Injection Date: 08-Sep-2025 00:45:17

Instrument ID: HP8R004

Lims ID: IC Cal 1ppb

Client ID:

Operator ID: AL109694

ALS Bottle#: 2

Worklist Smp#: 7

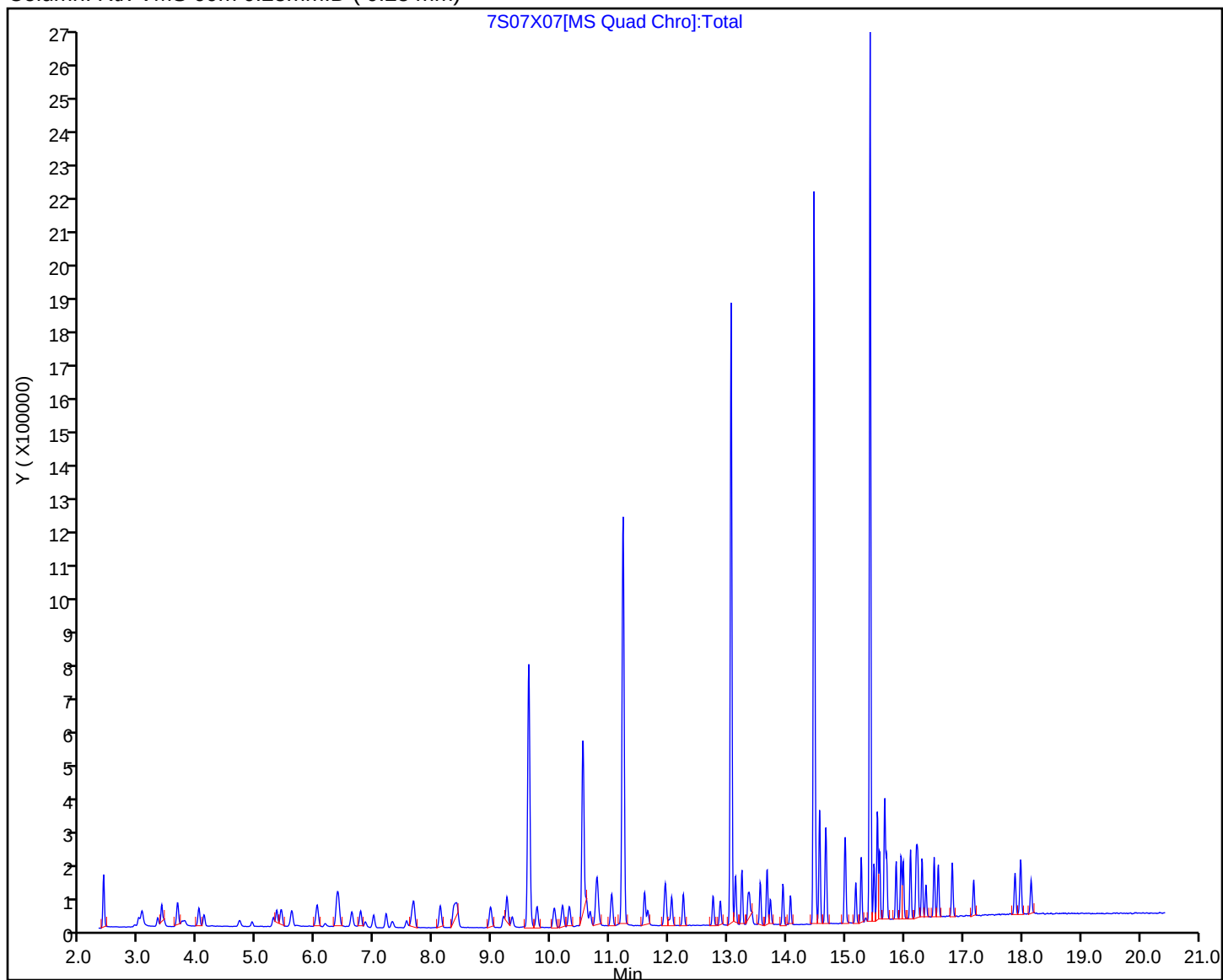
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

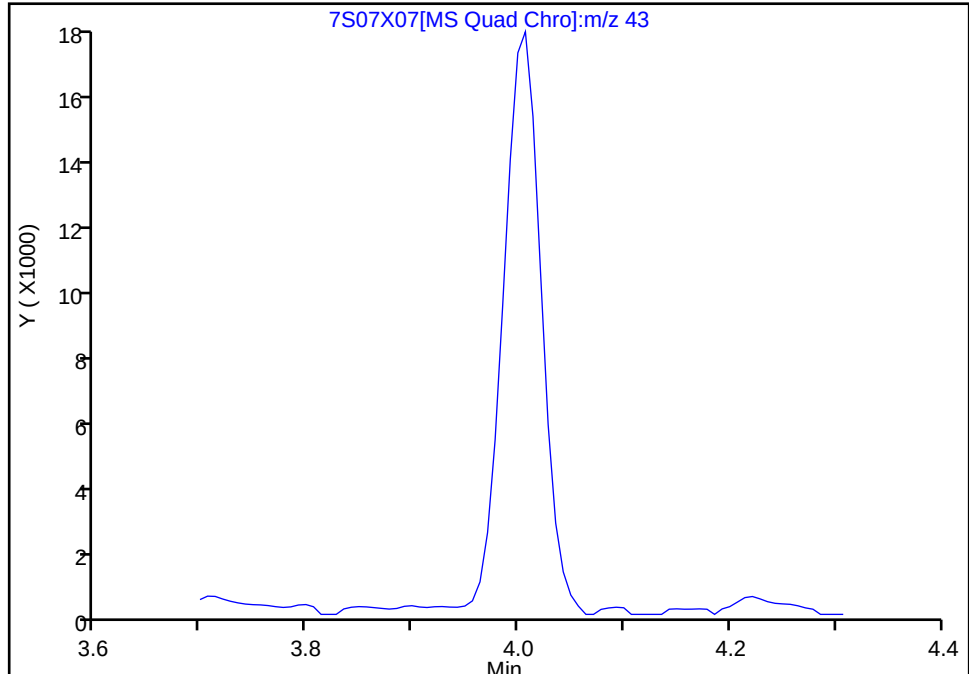
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D
Injection Date: 08-Sep-2025 00:45:17 Instrument ID: HP8R004
Lims ID: IC Cal 1ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

124 Butane, CAS: 106-97-8

Signal: 1

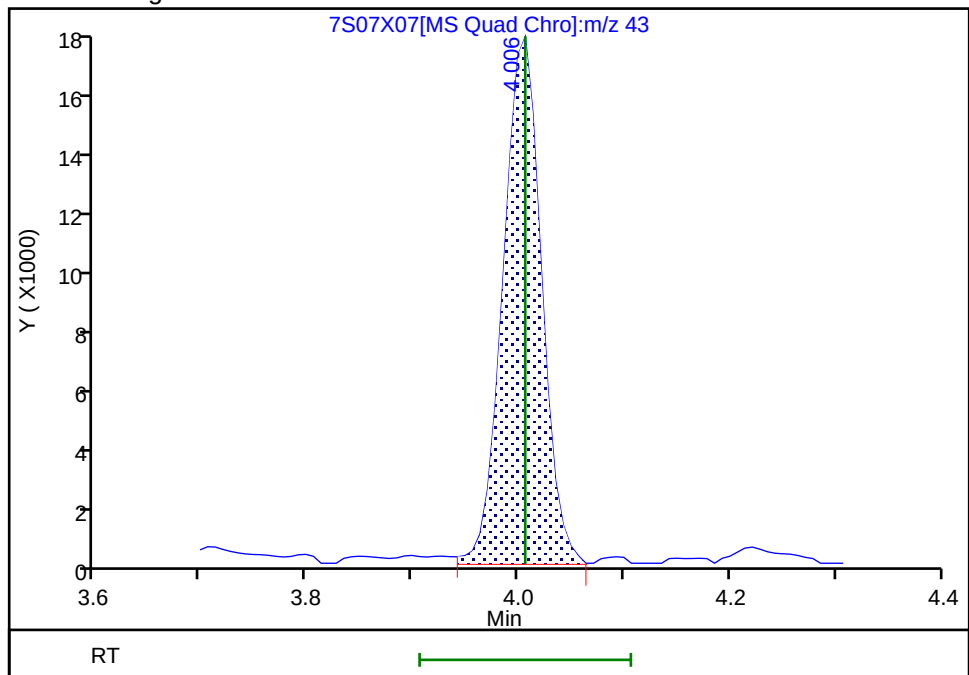
Not Detected
Expected RT: 4.01

Processing Integration Results



Manual Integration Results

RT: 4.01
Area: 44844
Amount: 0.877498
Amount Units: ppb v/v



Reviewer: D7UM, 10-Sep-2025 11:05:46 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

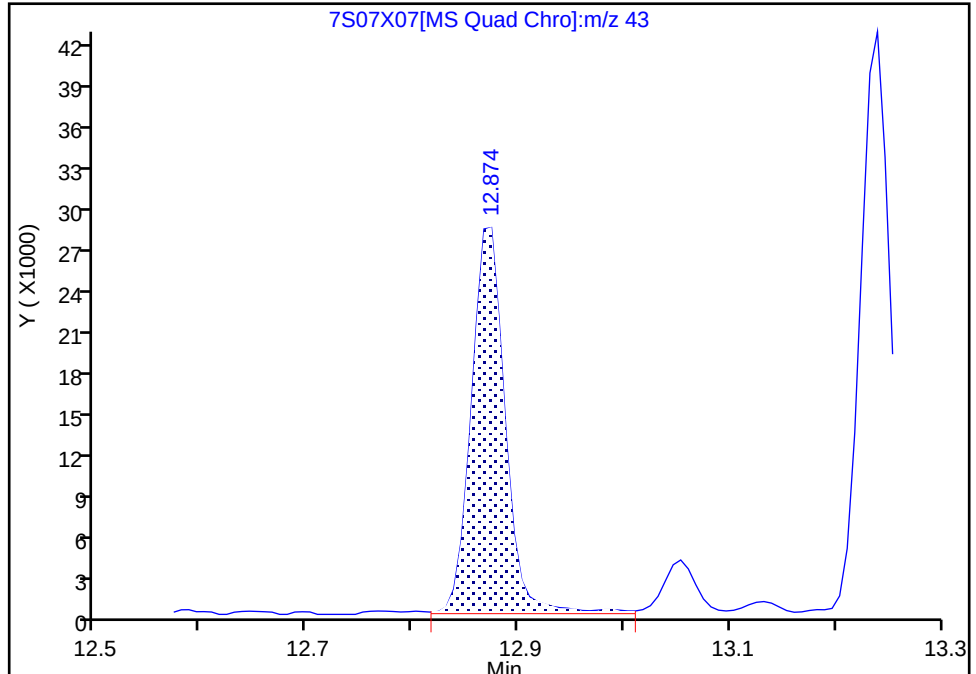
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D
Injection Date: 08-Sep-2025 00:45:17 Instrument ID: HP8R004
Lims ID: IC Cal 1ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

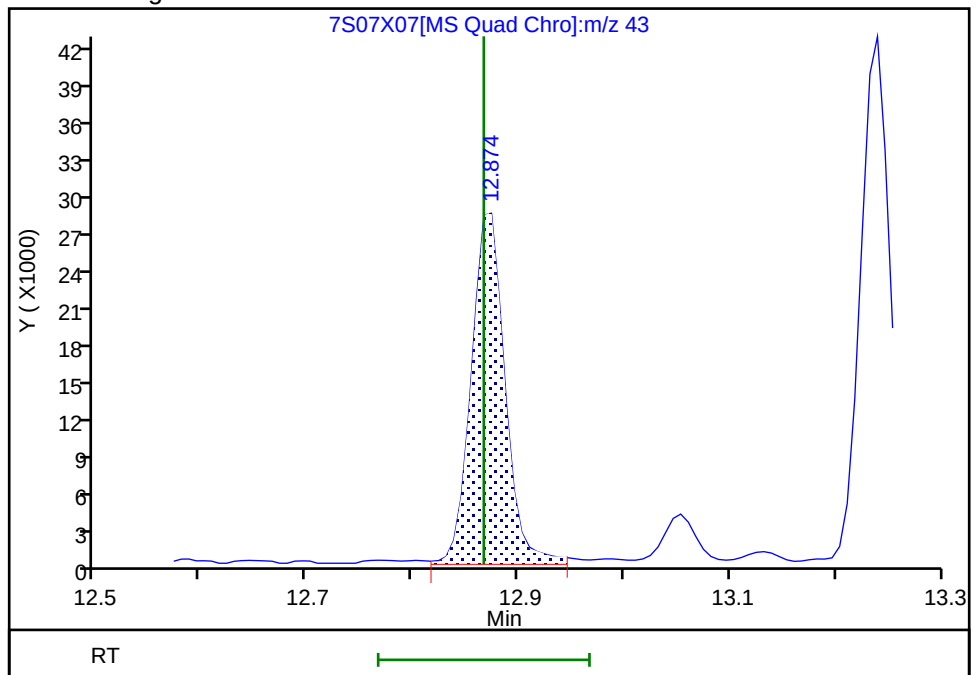
RT: 12.87
Area: 63813
Amount: 0.799237
Amount Units: ppb v/v

Processing Integration Results



RT: 12.87
Area: 62595
Amount: 0.786417
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 10:03:35 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

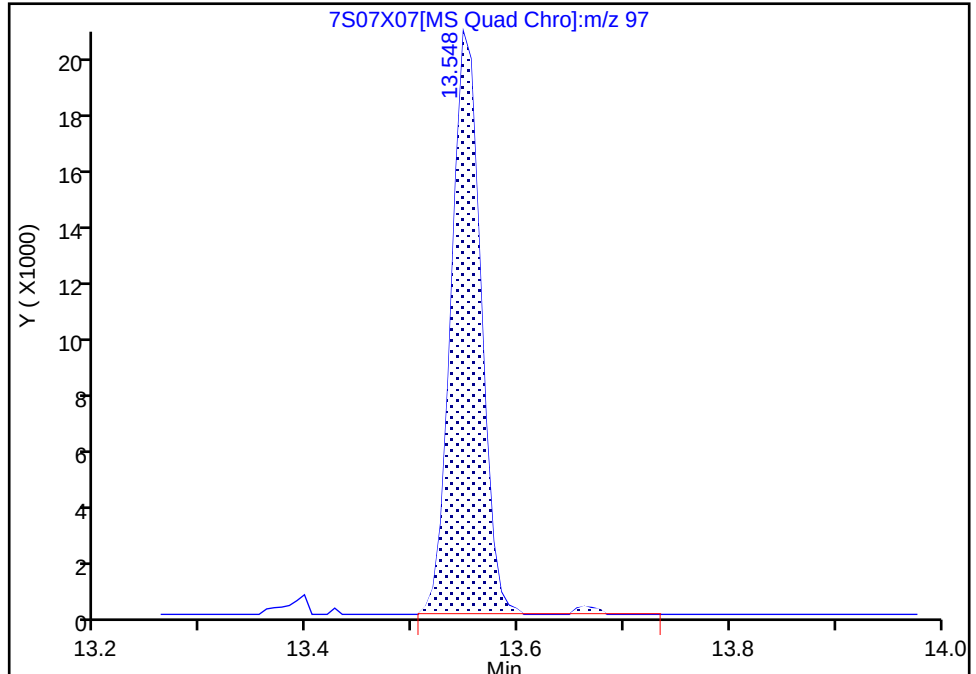
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D
Injection Date: 08-Sep-2025 00:45:17 Instrument ID: HP8R004
Lims ID: IC Cal 1ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

64 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

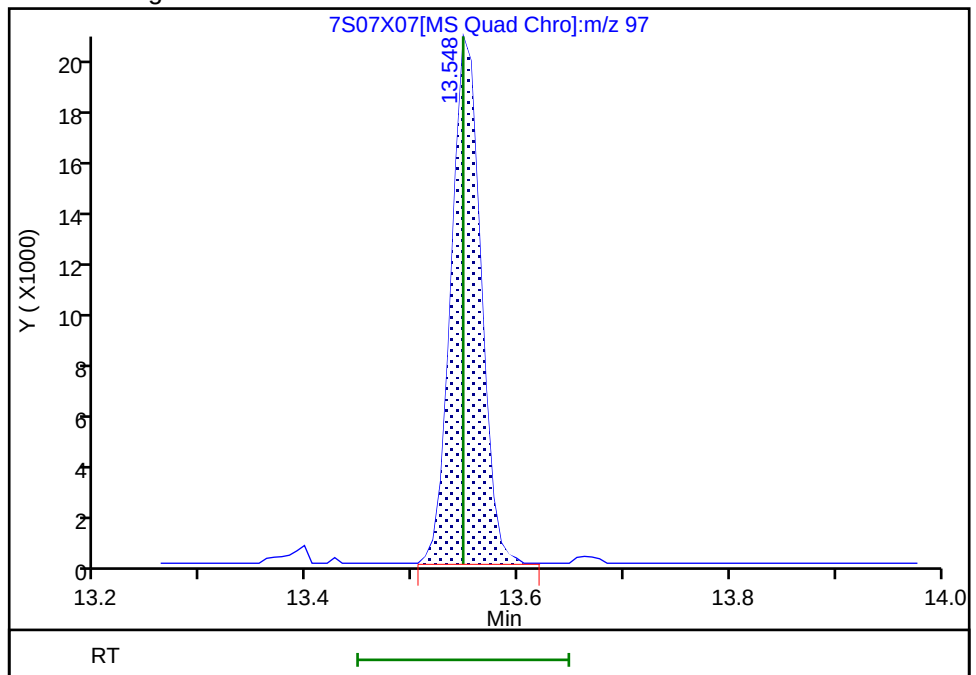
RT: 13.55
Area: 39714
Amount: 0.913613
Amount Units: ppb v/v

Processing Integration Results



RT: 13.55
Area: 39328
Amount: 0.969570
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:23:44 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

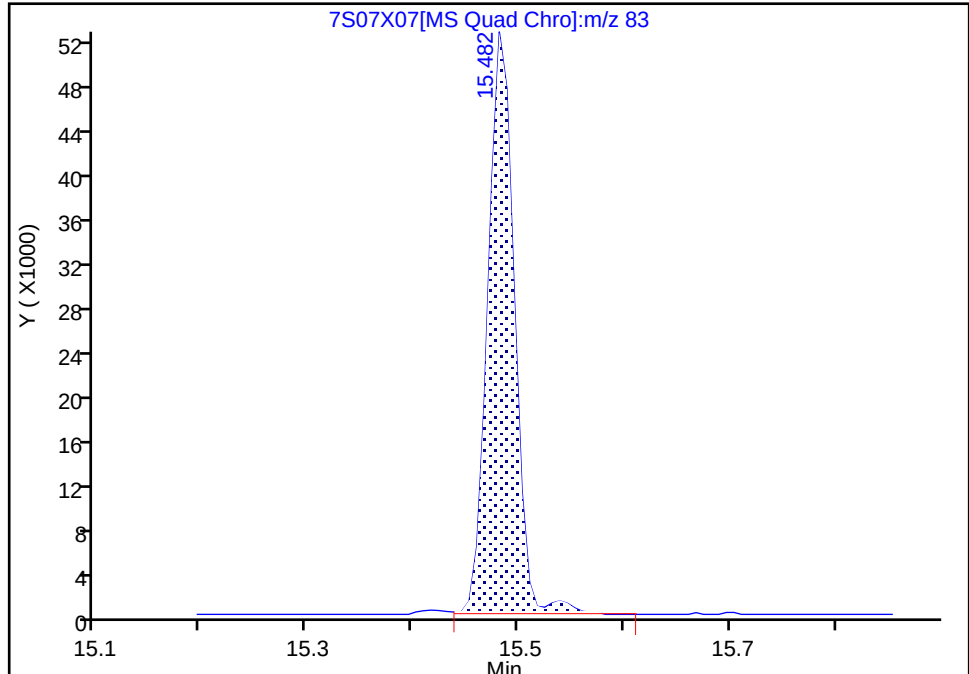
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Injection Date: 08-Sep-2025 00:45:17 Instrument ID: HP8R004
Lims ID: IC Cal 1ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

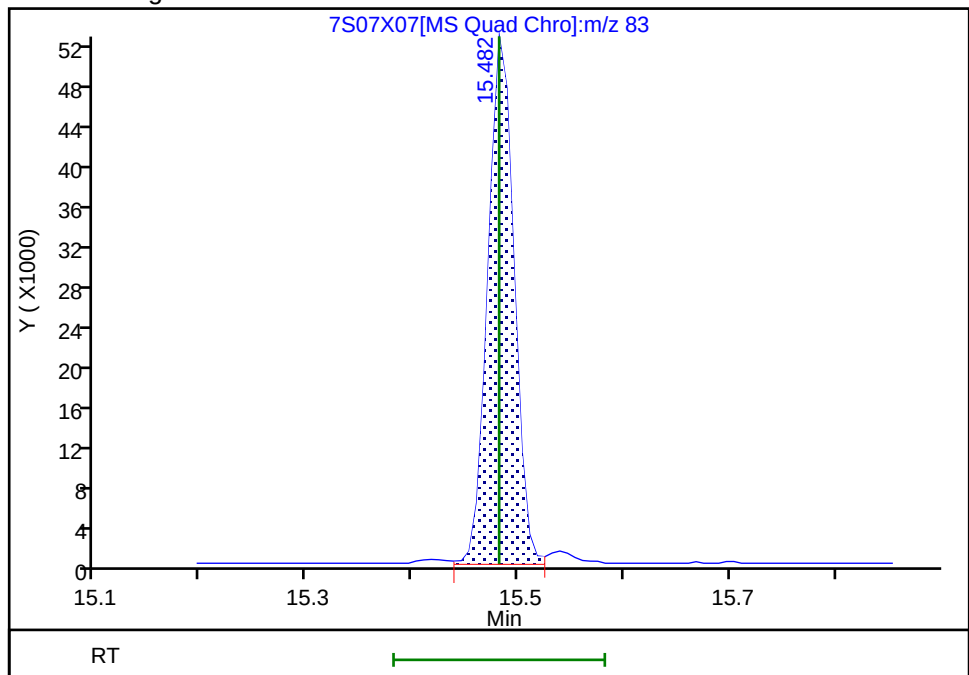
RT: 15.48
Area: 91256
Amount: 0.969691
Amount Units: ppb v/v

Processing Integration Results



RT: 15.48
Area: 89199
Amount: 0.964476
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:24:12 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

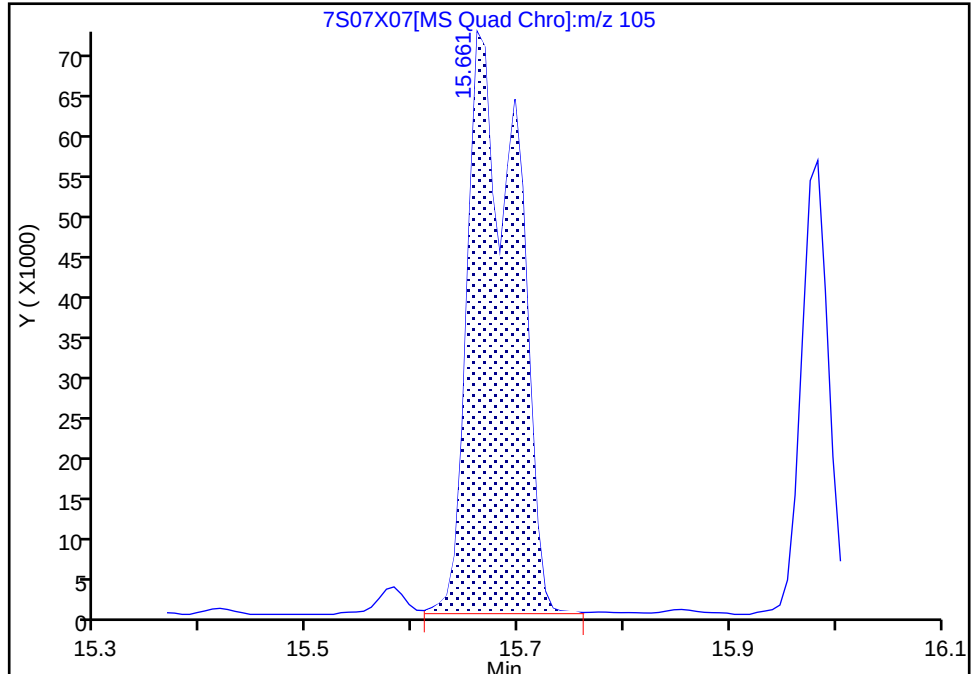
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D
Injection Date: 08-Sep-2025 00:45:17 Instrument ID: HP8R004
Lims ID: IC Cal 1ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

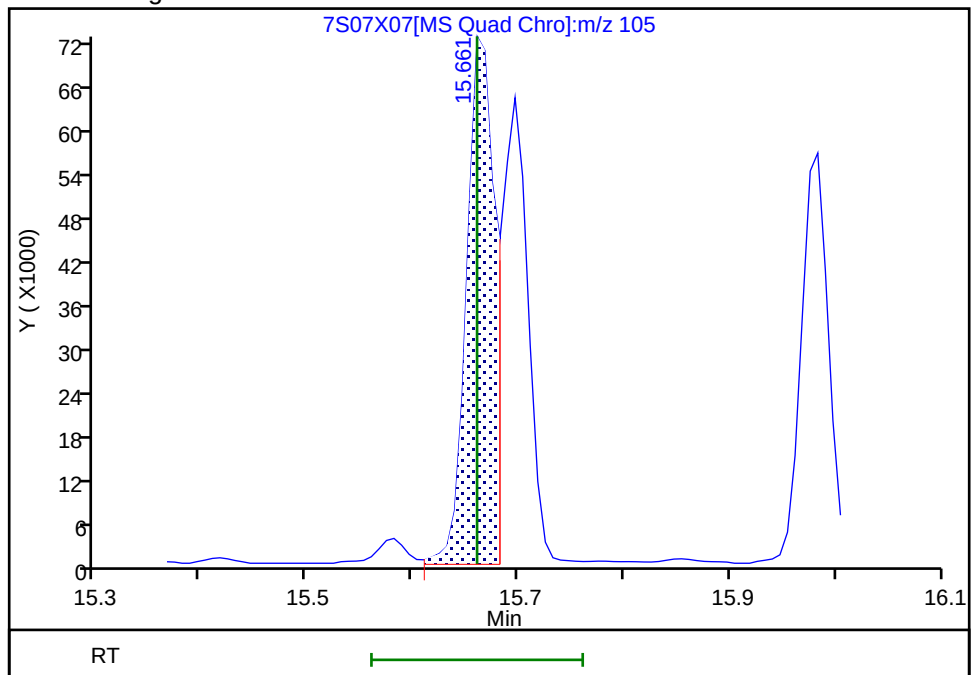
RT: 15.66
Area: 234004
Amount: 1.017069
Amount Units: ppb v/v

Processing Integration Results



RT: 15.66
Area: 130349
Amount: 0.968439
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:24:31 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

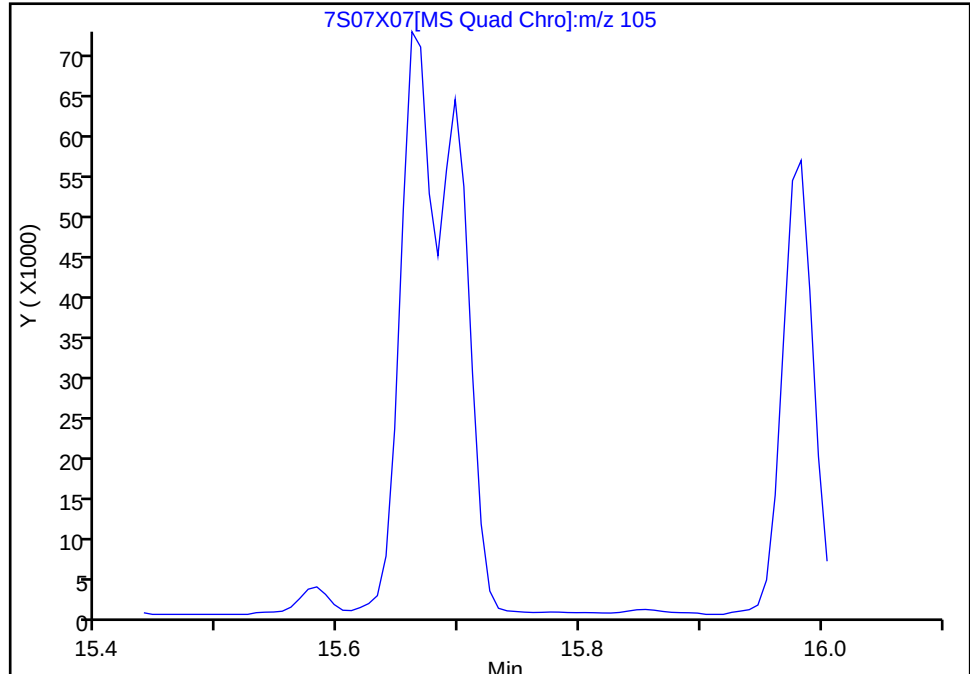
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X07.D
Injection Date: 08-Sep-2025 00:45:17 Instrument ID: HP8R004
Lims ID: IC Cal 1ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

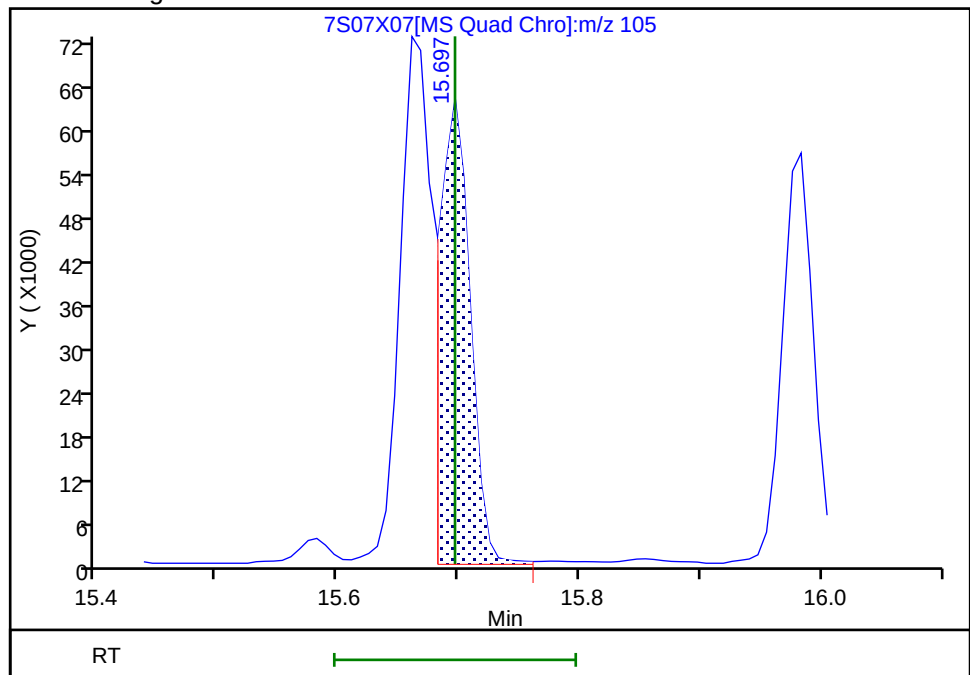
Not Detected
Expected RT: 15.70

Processing Integration Results



Manual Integration Results

RT: 15.70
Area: 103654
Amount: 0.961983
Amount Units: ppb v/v



Reviewer: JXC9, 09-Sep-2025 13:24:46 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

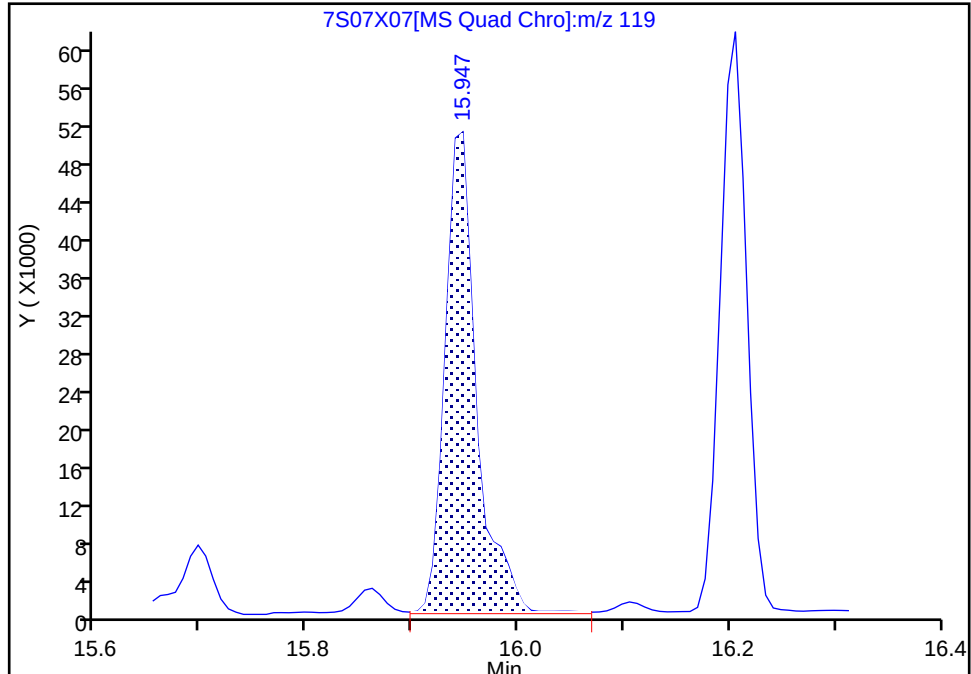
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Injection Date: 08-Sep-2025 00:45:17 Instrument ID: HP8R004
Lims ID: IC Cal 1ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

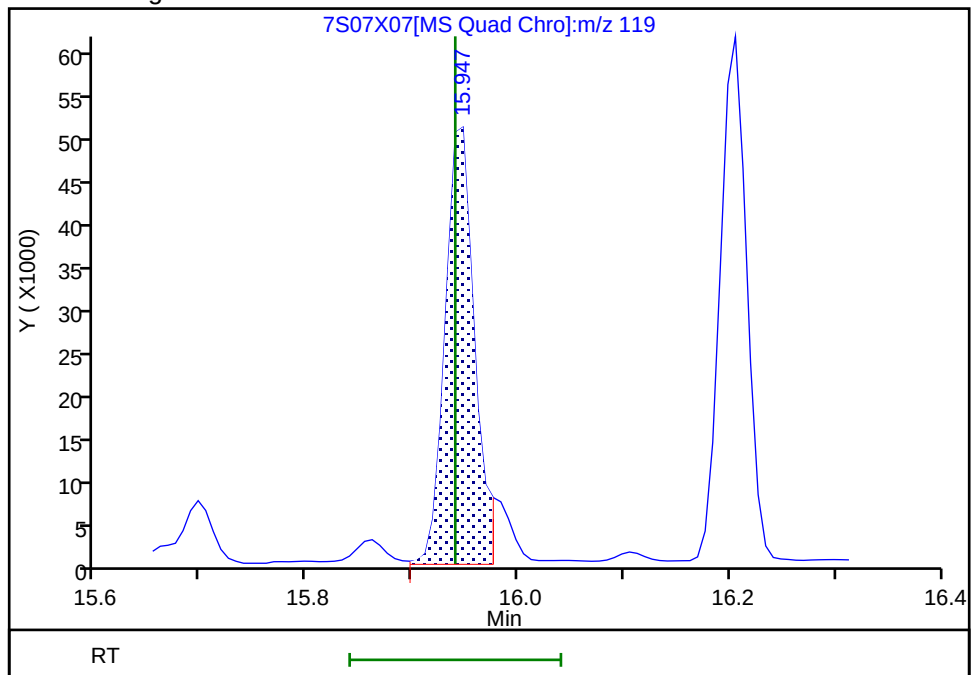
RT: 15.95
Area: 106895
Amount: 0.951536
Amount Units: ppb v/v

Processing Integration Results



RT: 15.95
Area: 97090
Amount: 0.904455
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:23:31 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

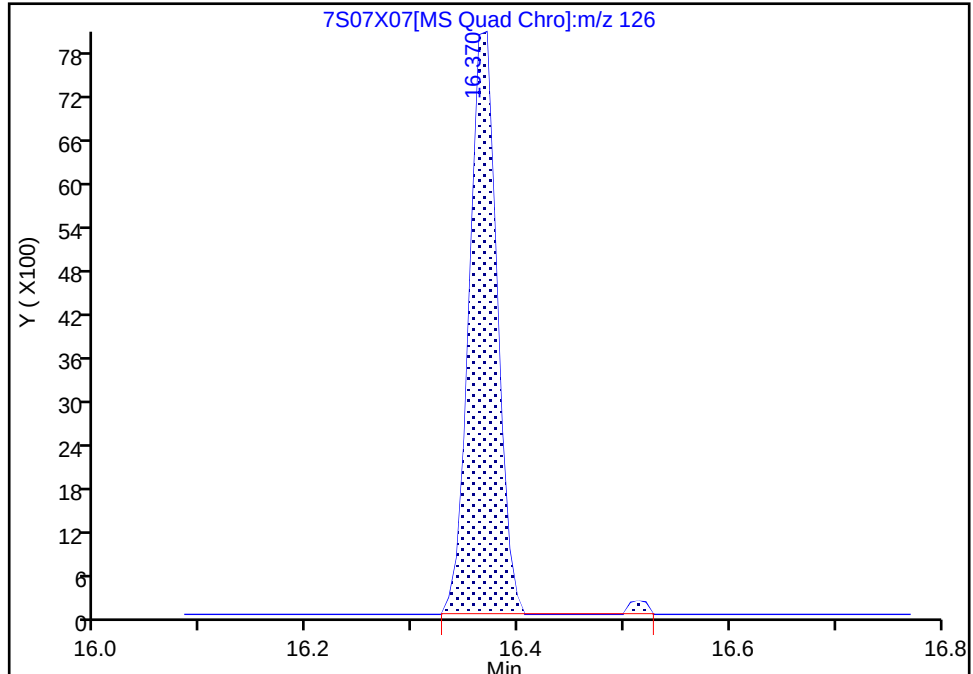
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Injection Date: 08-Sep-2025 00:45:17 Instrument ID: HP8R004
Lims ID: IC Cal 1ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

92 Benzyl chloride, CAS: 100-44-7

Signal: 1

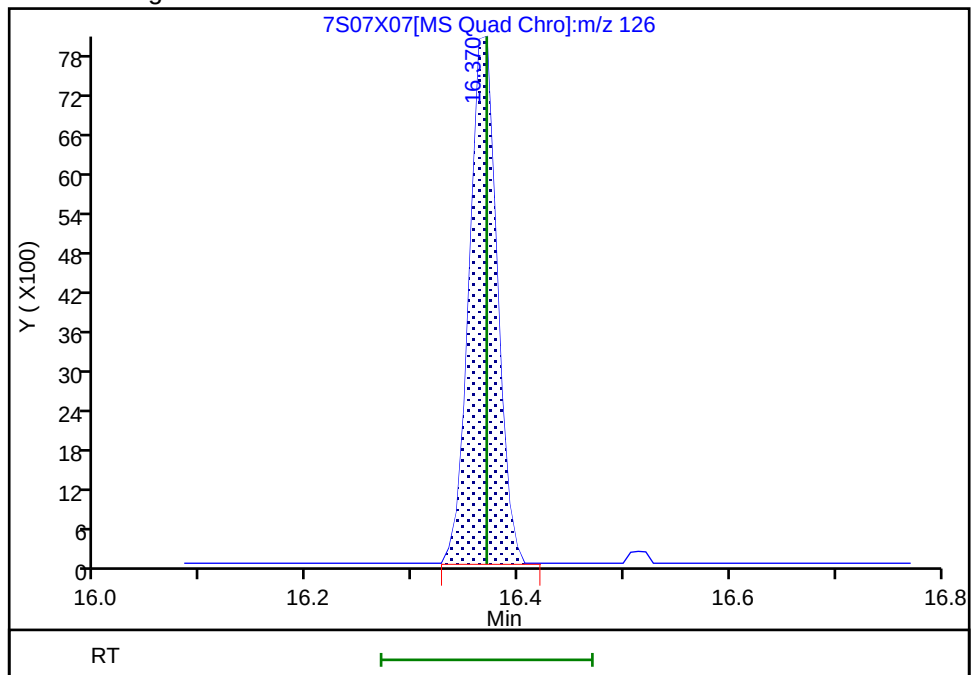
RT: 16.37
Area: 14829
Amount: 0.830640
Amount Units: ppb v/v

Processing Integration Results



RT: 16.37
Area: 14605
Amount: 0.819378
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 13:24:59 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
 Lims ID: ICISAV Cal 5ppb
 Client ID:
 Sample Type: ICISAV Calib Level: 6
 Inject. Date: 08-Sep-2025 01:12:42 ALS Bottle#: 2 Worklist Smp#: 8
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: ICISAV CAL 5PPB
 Misc. Info.: 410-0158855-008
 Operator ID: AL109694 Instrument ID: HP8R004
 Sublist: chrom-TO15LLMethods_HP8R004*sub1
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 11-Sep-2025 08:48:20 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1694

First Level Reviewer: D7UM

Date: 10-Sep-2025 11:35:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.304	3.304	0.000	97	123548	NC	NC	a
2 Dichlorodifluoromethane	85	3.376	3.376	0.000	87	386227	5.00	4.85	a
3 Chlorodifluoromethane	51	3.412	3.412	0.000	76	234311	5.00	5.20	a
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.641	3.641	0.000	95	381017	5.00	5.38	a
5 Chloromethane	50	3.770	3.770	0.000	89	145631	5.00	5.11	a
124 Butane	43	4.006	4.006	0.000	100	231676	5.00	4.33	Ma
6 Vinyl chloride	62	4.013	4.013	0.000	78	152621	5.00	5.26	a
7 Butadiene	54	4.092	4.092	0.000	95	110341	5.00	4.90	a
8 Bromomethane	94	4.694	4.694	0.000	91	106167	5.00	4.91	a
9 Chloroethane	64	4.909	4.909	0.000	94	77050	5.00	4.40	a
10 Vinyl bromide	106	5.274	5.274	0.000	97	130891	5.00	4.66	a
13 Dichlorofluoromethane	67	5.331	5.331	0.000	82	343662	NC	NC	a
12 Trichlorofluoromethane	101	5.403	5.403	0.000	86	366646	5.00	5.06	a
11 Pentane	43	5.582	5.582	0.000	96	268296	NC	NC	a
14 Ethanol	45	5.661	5.661	0.000	50	36786	NC	NC	Ma
19 Acrolein	56	6.148	6.148	0.000	95	63594	NC	NC	Ma
15 1,1-Dichloroethene	61	6.349	6.349	0.000	86	224161	5.00	4.57	a
16 1,1,2-Trichloro-1,2,2-trifluoroe	103	6.370	6.370	0.000	89	178594	5.00	4.94	a
23 Acetone	43	6.377	6.377	0.000	99	239306	5.00	4.62	a
20 Isopropyl alcohol	45	6.592	6.592	0.000	75	165914	5.00	4.33	Ma
18 Iodomethane	142	6.606	6.606	0.000	98	277803	NC	NC	a
17 Carbon disulfide	76	6.757	6.757	0.000	99	471063	5.00	4.54	a
28 Acetonitrile	41	6.829	6.829	0.000	97	146667	NC	NC	a
21 3-Chloro-1-propene	41	6.972	6.972	0.000	90	198983	5.00	4.16	a
22 Methylene Chloride	84	7.187	7.187	0.000	94	124905	5.00	4.55	a
27 2-Methyl-2-propanol	59	7.287	7.287	0.000	97	185366	5.70	5.83	a
31 Acrylonitrile	53	7.531	7.531	0.000	97	129452	NC	NC	Ma
26 Methyl tert-butyl ether	73	7.631	7.631	0.000	90	375504	5.00	5.00	a
24 trans-1,2-Dichloroethene	61	7.659	7.659	0.000	91	241044	5.00	4.62	a
25 Hexane	56	8.111	8.111	0.000	94	123384	5.00	4.59	a

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Vinyl acetate	86	8.326	8.326	0.000	97	32010	NC	NC	a
30 1,1-Dichloroethane	63	8.347	8.347	0.000	85	285491	5.00	4.49	a
29 Isopropyl ether	45	8.390	8.390	0.000	95	547530	NC	NC	a
32 Tert-butyl ethyl ether	59	8.963	8.963	0.000	91	451129	NC	NC	a
43 2-Butanone (MEK)	72	9.178	9.178	0.000	99	74458	5.00	5.06	a
34 cis-1,2-Dichloroethene	61	9.235	9.235	0.000	66	270104	5.00	4.56	a
38 Ethyl acetate	70	9.243	9.243	0.000	88	37698	NC	NC	a
39 Methyl acrylate	55	9.321	9.321	0.000	88	291482	NC	NC	a
* 35 Chlorobromomethane (IS)	130	9.608	9.608	0.000	90	348421	10.0	10.0	
41 Tetrahydrofuran	42	9.636	9.636	0.000	90	192551	5.00	4.52	a
37 Chloroform	83	9.751	9.751	0.000	69	320439	5.00	4.49	a
42 1,1,1-Trichloroethane	97	10.045	10.045	0.000	58	300739	5.00	4.78	a
36 Cyclohexane	56	10.188	10.188	0.000	95	236955	5.00	4.77	a
40 Carbon tetrachloride	117	10.303	10.303	0.000	69	289506	5.00	4.97	a
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.532	10.532	0.000	0	547087	NC	NC	
46 Benzene	78	10.589	10.589	0.000	96	471430	5.00	4.45	a
48 1,2-Dichloroethane	62	10.654	10.654	0.000	91	223073	5.00	4.57	a
47 Tert-amyl methyl ether	73	10.768	10.768	0.000	74	409748	NC	NC	a
44 Isooctane	57	10.775	10.775	0.000	93	792533	5.00	4.89	a
45 n-Heptane	71	11.019	11.019	0.000	95	155949	5.00	4.87	a
* 50 1,4-Difluorobenzene	114	11.212	11.212	0.000	96	1309596	10.0	10.0	a
49 Trichloroethene	130	11.585	11.585	0.000	91	181252	5.00	4.30	a
52 Ethyl acrylate	55	11.635	11.635	0.000	99	349977	NC	NC	a
53 1,2-Dichloropropane	63	11.929	11.929	0.000	76	199566	5.00	4.53	a
55 Methyl methacrylate	69	11.943	11.943	0.000	89	163208	5.00	4.88	a
56 1,4-Dioxane	88	11.993	11.993	0.000	84	73081	5.00	5.11	Ma
51 Dibromomethane	174	12.043	12.043	0.000	82	161646	NC	NC	a
54 Dichlorobromomethane	83	12.244	12.244	0.000	93	352583	5.00	4.57	a
57 cis-1,3-Dichloropropene	75	12.745	12.745	0.000	90	287802	5.00	4.64	a
60 4-Methyl-2-pentanone (MIBK)	43	12.867	12.867	0.000	98	394889	5.00	4.84	Ma
\$ 103 Toluene-d8 (Surr)	98	13.053	13.053	0.000	94	1399381	NC	NC	
59 Toluene	91	13.125	13.125	0.000	97	566915	5.00	4.62	a
58 n-Octane	43	13.240	13.240	0.000	88	419781	NC	NC	a
62 trans-1,3-Dichloropropene	75	13.340	13.340	0.000	95	229179	5.00	4.66	Ma
63 Ethyl methacrylate	69	13.368	13.368	0.000	74	277815	NC	NC	a
64 1,1,2-Trichloroethane	97	13.548	13.548	0.000	85	200482	5.00	4.87	a
61 Tetrachloroethene	166	13.662	13.662	0.000	84	231168	5.00	4.38	a
67 2-Hexanone	43	13.719	13.719	0.000	99	385122	5.00	5.16	a
65 Chlorodibromomethane	127	13.934	13.934	0.000	89	251797	5.00	4.76	a
66 Ethylene Dibromide	107	14.063	14.063	0.000	98	296544	5.00	4.80	a
* 68 Chlorobenzene-d5 (IS)	117	14.464	14.464	0.000	88	1190995	10.0	10.0	
69 Chlorobenzene	112	14.493	14.493	0.000	91	416208	5.00	4.48	a
70 Ethylbenzene	91	14.558	14.558	0.000	71	694330	5.00	4.69	a
71 1,1,1,2-Tetrachloroethane	131	14.558	14.558	0.000	52	214202	NC	NC	a
72 m-Xylene & p-Xylene	91	14.665	14.665	0.000	96	1055613	10.0	9.61	a
73 o-Xylene	91	14.987	14.987	0.000	91	528301	5.00	4.84	a
74 Styrene	104	15.002	15.002	0.000	91	400416	5.00	5.05	a
75 Bromoform	173	15.174	15.174	0.000	93	278524	5.00	4.86	a
76 Isopropylbenzene	105	15.267	15.267	0.000	95	684463	5.00	5.00	a
79 1,1,2,2-Tetrachloroethane	83	15.482	15.482	0.000	61	449534	5.00	4.79	Ma
83 1,2,3-Trichloropropane	110	15.539	15.539	0.000	57	104933	NC	NC	a
78 Bromobenzene	156	15.539	15.539	0.000	84	217842	NC	NC	a

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
77 N-Propylbenzene	120	15.582	15.582	0.000	87	186166	5.00	5.01	a
80 4-Ethyltoluene	105	15.661	15.661	0.000	88	715751	5.00	5.24	Ma
81 2-Chlorotoluene	126	15.668	15.668	0.000	91	171546	5.00	4.84	a
82 1,3,5-Trimethylbenzene	105	15.696	15.696	0.000	67	560860	5.00	5.13	Ma
84 Alpha Methyl Styrene	118	15.861	15.861	0.000	90	293022	NC	NC	a
85 tert-Butylbenzene	119	15.940	15.940	0.000	76	538106	5.00	4.94	Ma
86 1,2,4-Trimethylbenzene	105	15.983	15.983	0.000	98	580420	5.00	5.02	a
87 sec-Butylbenzene	105	16.105	16.105	0.000	96	822037	5.00	4.96	a
88 4-Isopropyltoluene	119	16.205	16.205	0.000	93	640613	5.00	4.87	a
89 1,3-Dichlorobenzene	146	16.227	16.227	0.000	95	375073	5.00	4.89	a
90 1,4-Dichlorobenzene	146	16.298	16.298	0.000	90	374633	5.00	4.86	a
92 Benzyl chloride	126	16.370	16.370	0.000	83	84084	5.00	4.65	a
91 n-Butylbenzene	92	16.506	16.506	0.000	98	349929	5.00	4.93	a
94 1,2-Dichlorobenzene	146	16.578	16.578	0.000	94	345777	5.00	4.87	a
93 Hexachloroethane	117	16.814	16.814	0.000	92	190430	NC	NC	a
95 1,2-Dibromo-3-Chloropropane	157	17.179	17.179	0.000	76	165741	NC	NC	a
97 1,2,4-Trichlorobenzene	180	17.881	17.881	0.000	91	239097	5.00	4.99	a
96 Hexachlorobutadiene	225	17.974	17.974	0.000	90	196075	5.00	4.55	a
98 Naphthalene	128	18.153	18.153	0.000	98	579652	5.00	5.10	a
S 100 1,2-Dichloroethene, Total	61				0	511148	10.0	0	
S 109 1,3-Dichloropropene, Total	75				0		10.0	9.30	
S 101 Xylenes, Total	91				0	1583914	15.0	0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

AIRCAL10.0_00619

Amount Added: 100.00

Units: mL

AIRIS200 ppb_00521

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 11-Sep-2025 08:48:57

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D

Injection Date: 08-Sep-2025 01:12:42

Instrument ID: HP8R004

Lims ID: ICISAV Cal 5ppb

Client ID:

Operator ID: AL109694

ALS Bottle#: 2

Worklist Smp#: 8

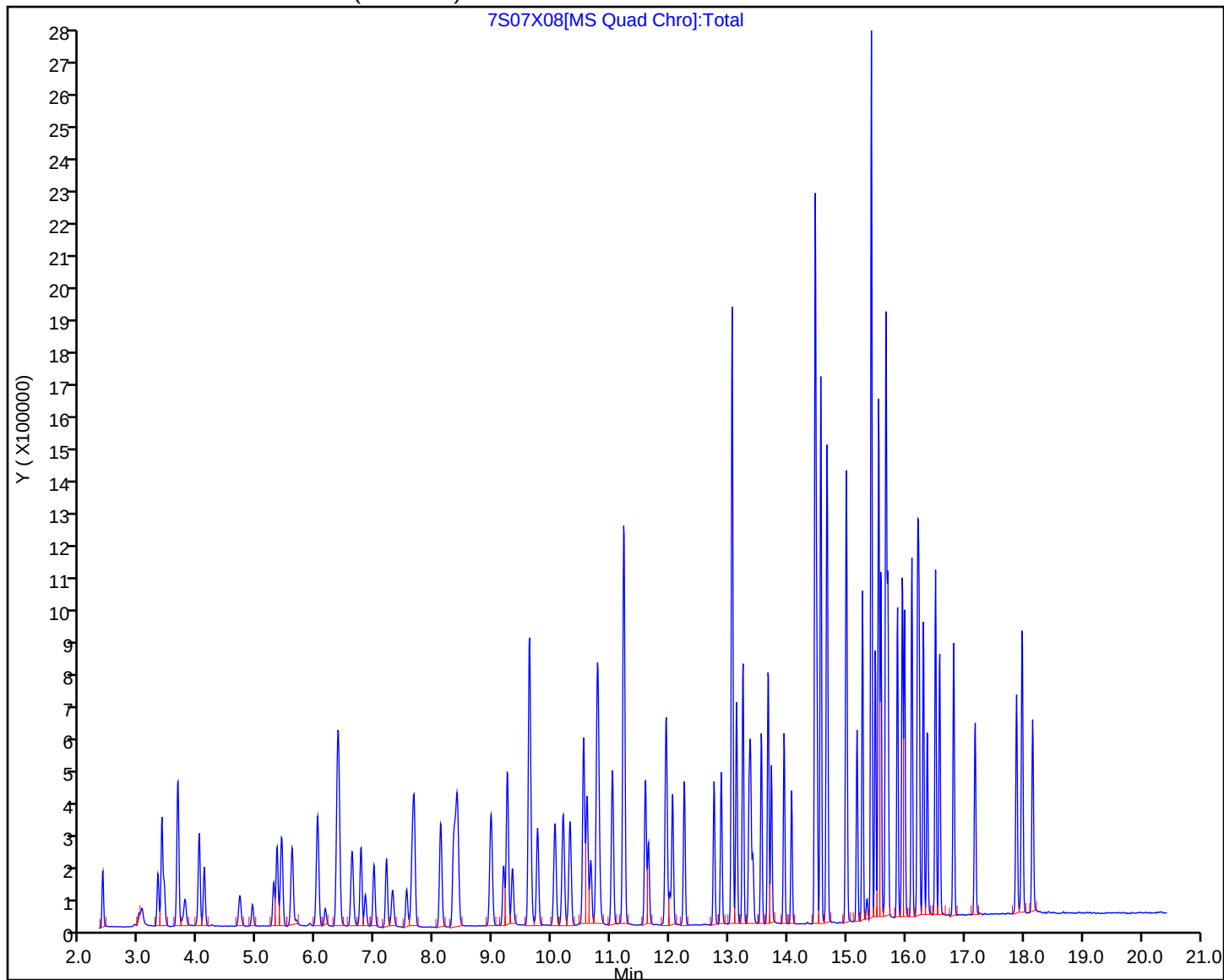
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

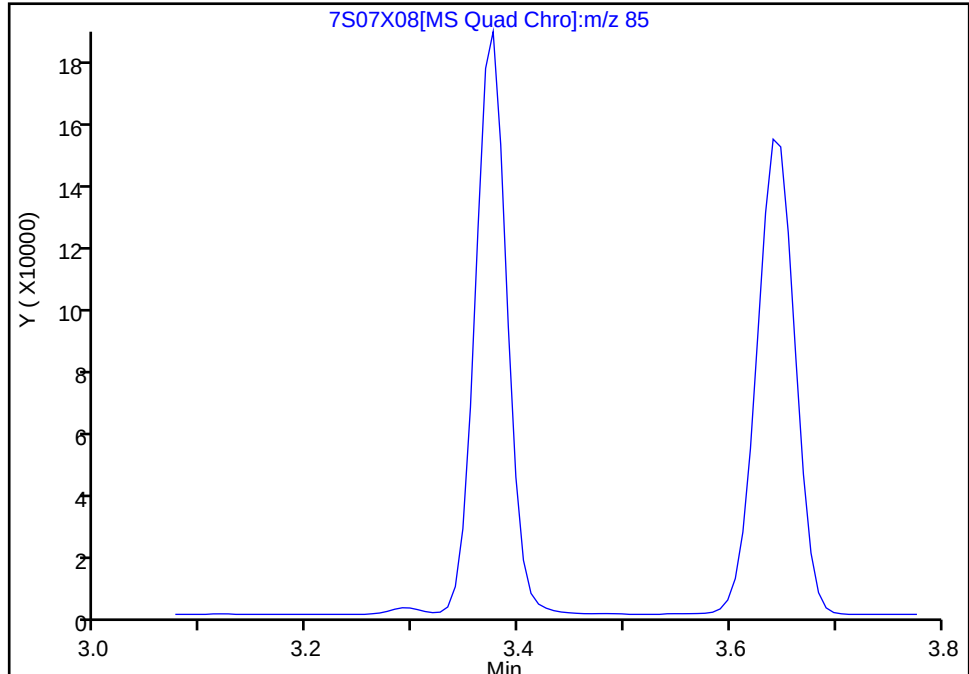
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

2 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

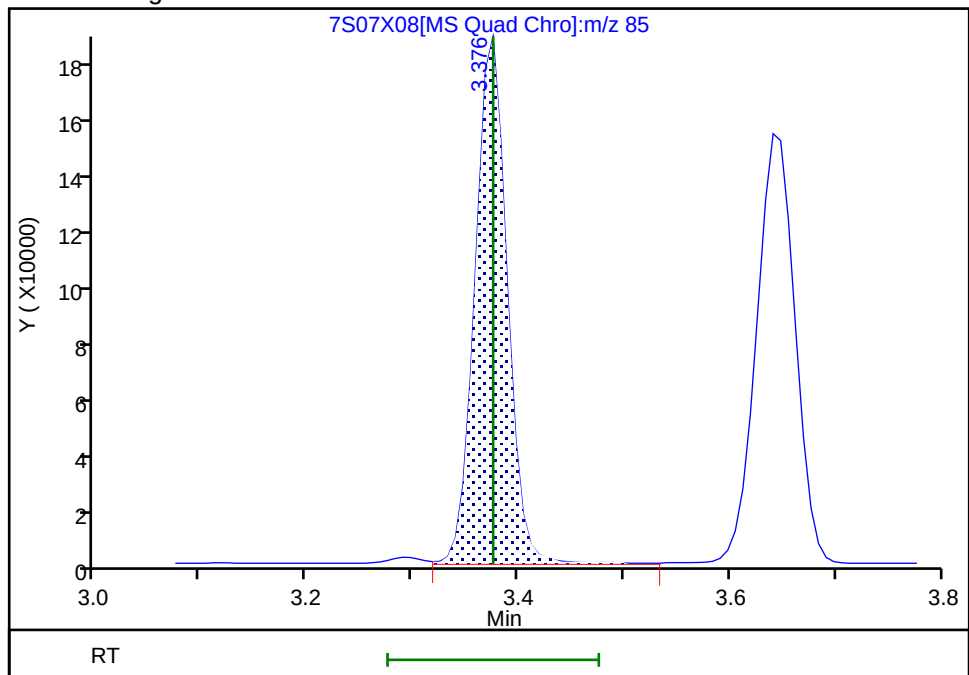
Not Detected
Expected RT: 3.38

Processing Integration Results



Manual Integration Results

RT: 3.38
Area: 386227
Amount: 4.852194
Amount Units: ppb v/v



Reviewer: D7UM, 08-Sep-2025 13:55:52 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

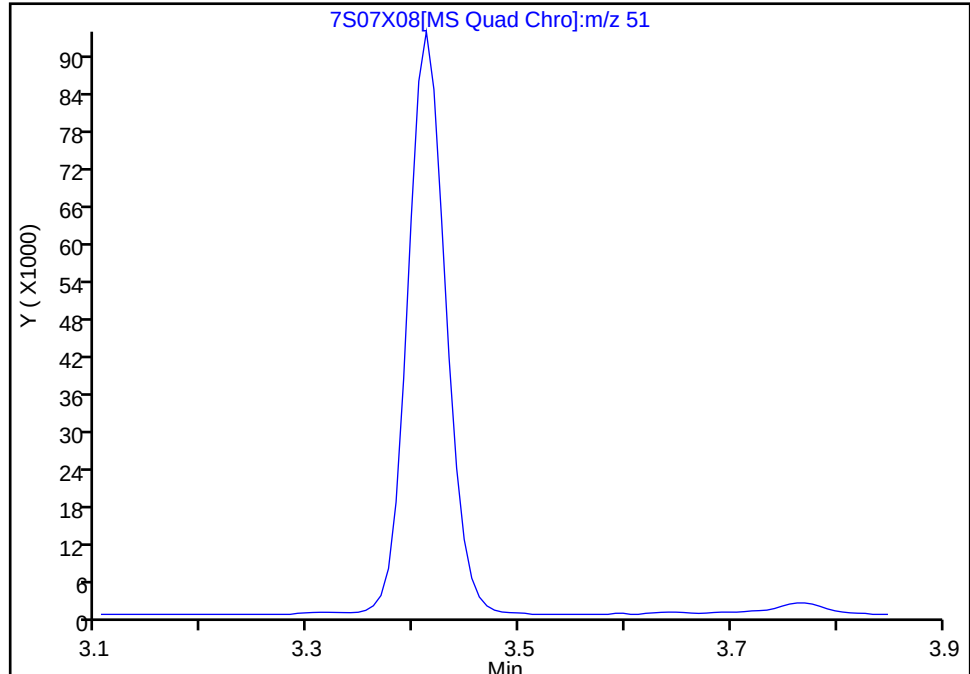
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

3 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

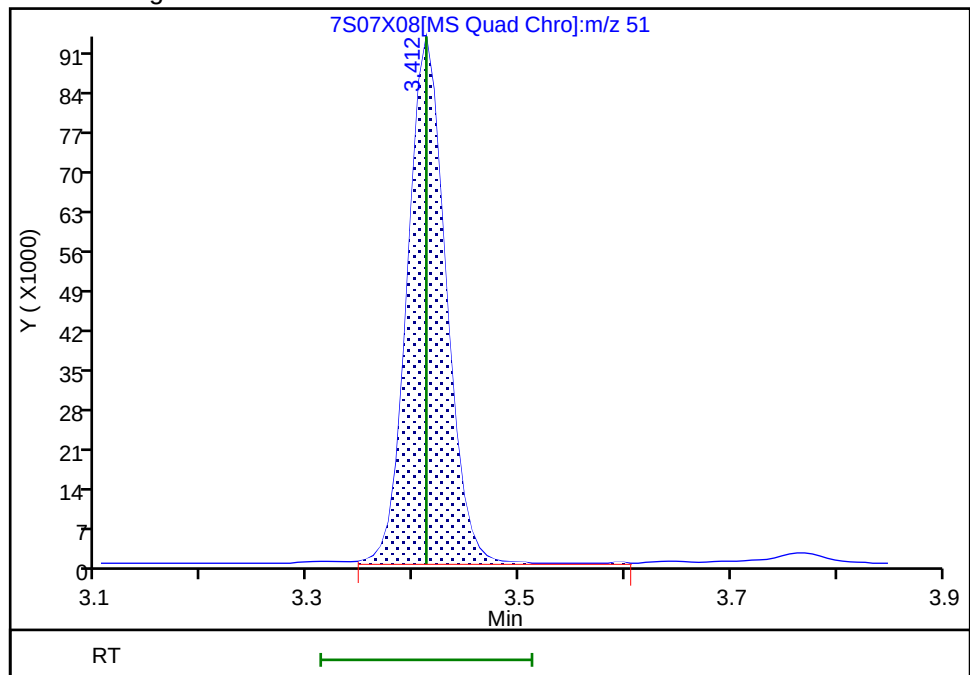
Not Detected
Expected RT: 3.41

Processing Integration Results



RT: 3.41
Area: 234311
Amount: 5.200195
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 13:56:02 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

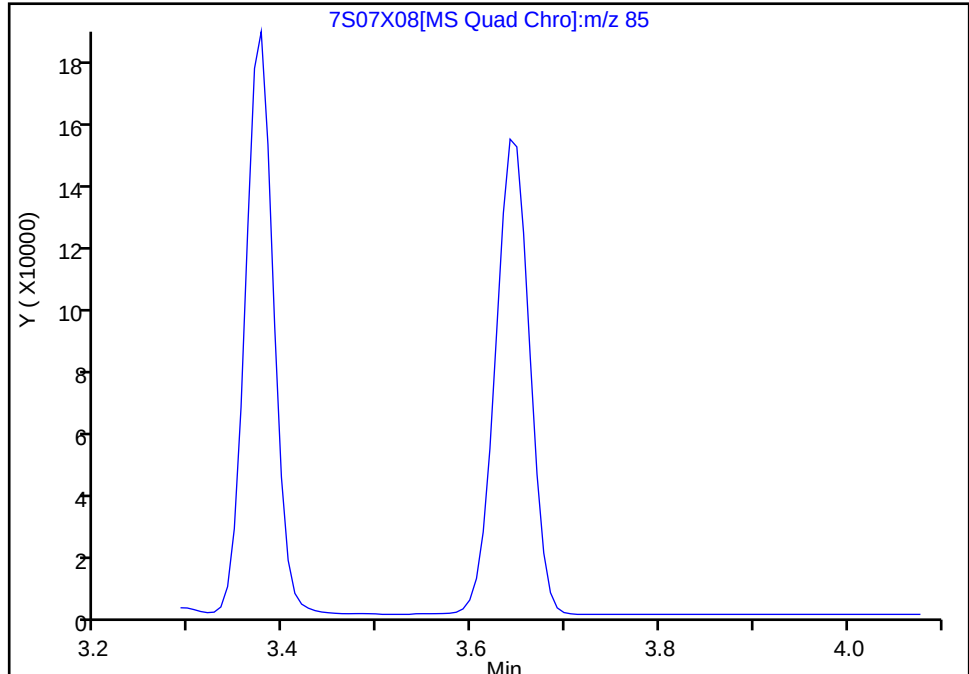
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

4 1,2-Dichloro-1,1,2,2-tetrafluoro, CAS: 76-14-2

Signal: 1

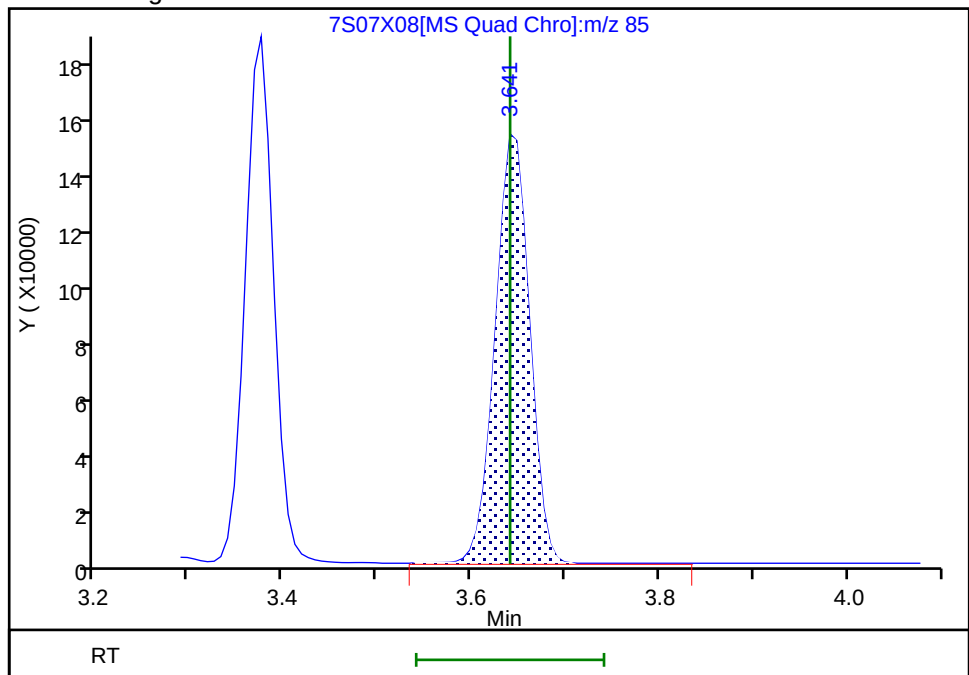
Not Detected
Expected RT: 3.64

Processing Integration Results



RT: 3.64
Area: 381017
Amount: 5.380748
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 13:56:09 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

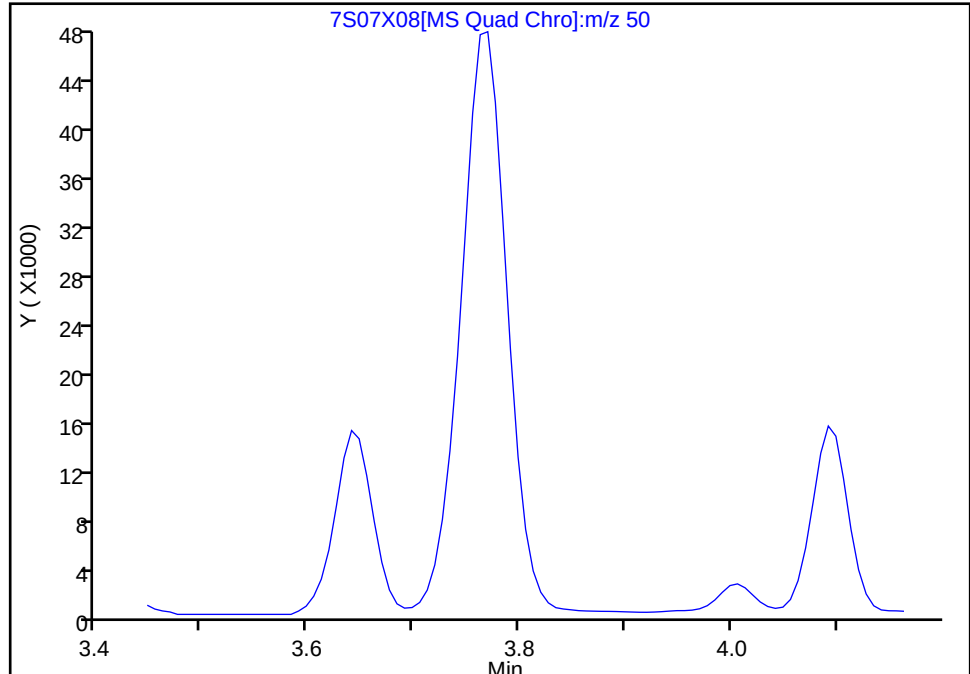
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

5 Chloromethane, CAS: 74-87-3

Signal: 1

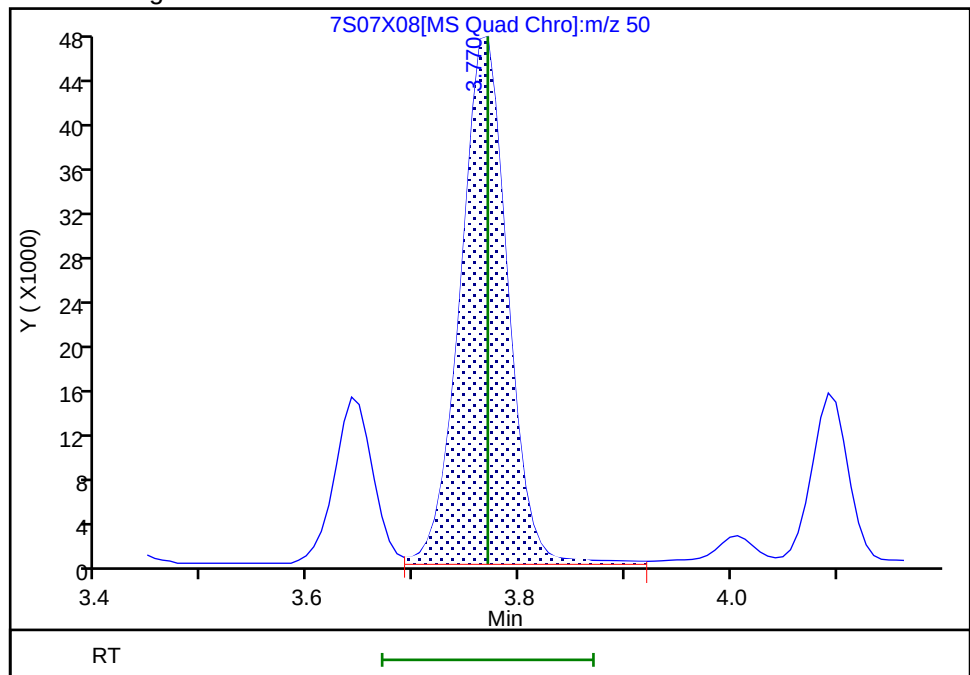
Not Detected
Expected RT: 3.77

Processing Integration Results



Manual Integration Results

RT: 3.77
Area: 145631
Amount: 5.109103
Amount Units: ppb v/v



Reviewer: D7UM, 08-Sep-2025 13:56:14 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

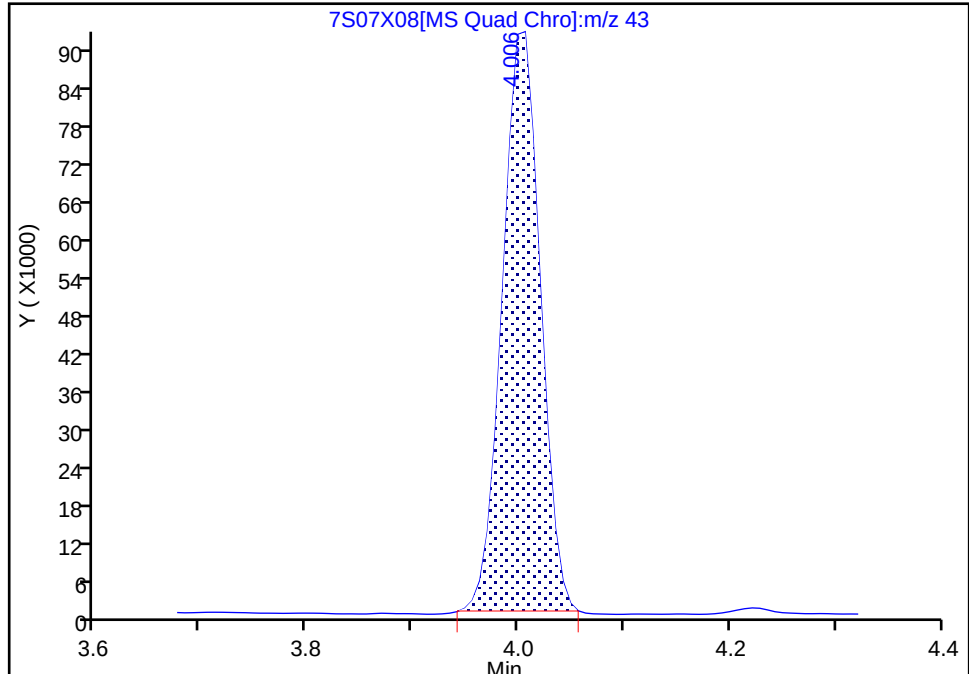
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

124 Butane, CAS: 106-97-8

Signal: 1

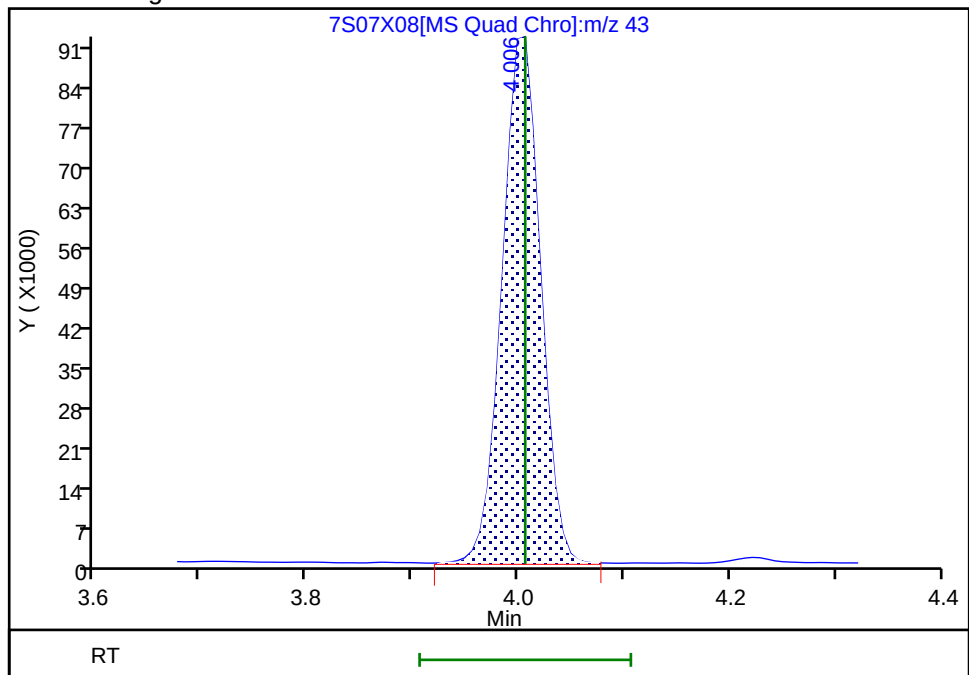
RT: 4.01
Area: 227902
Amount: 5.000000
Amount Units: ppb v/v

Processing Integration Results



RT: 4.01
Area: 231676
Amount: 4.330645
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 11:05:18 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

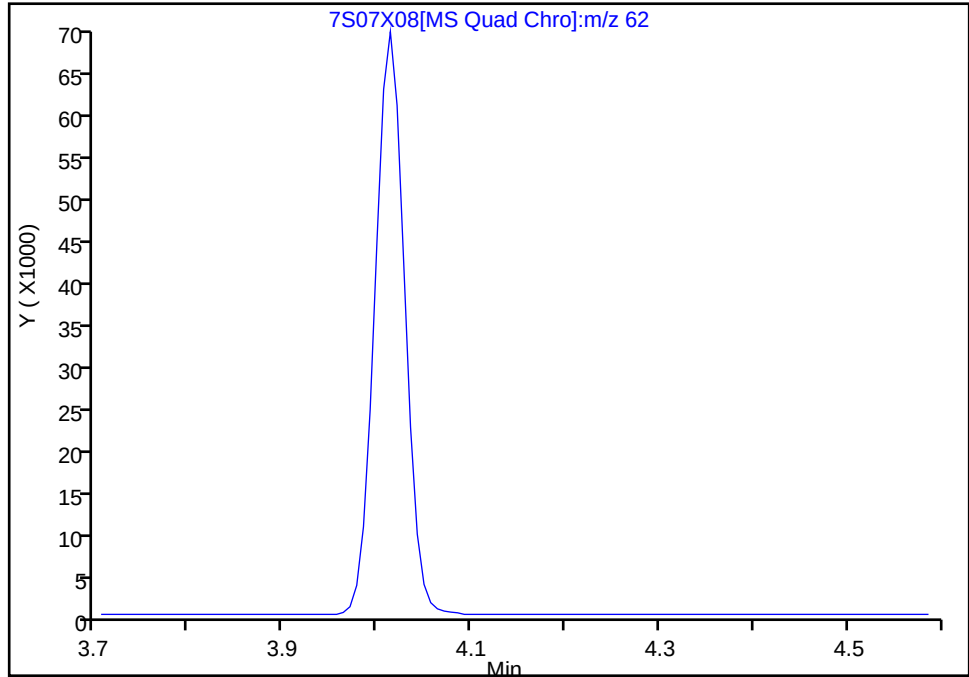
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

6 Vinyl chloride, CAS: 75-01-4

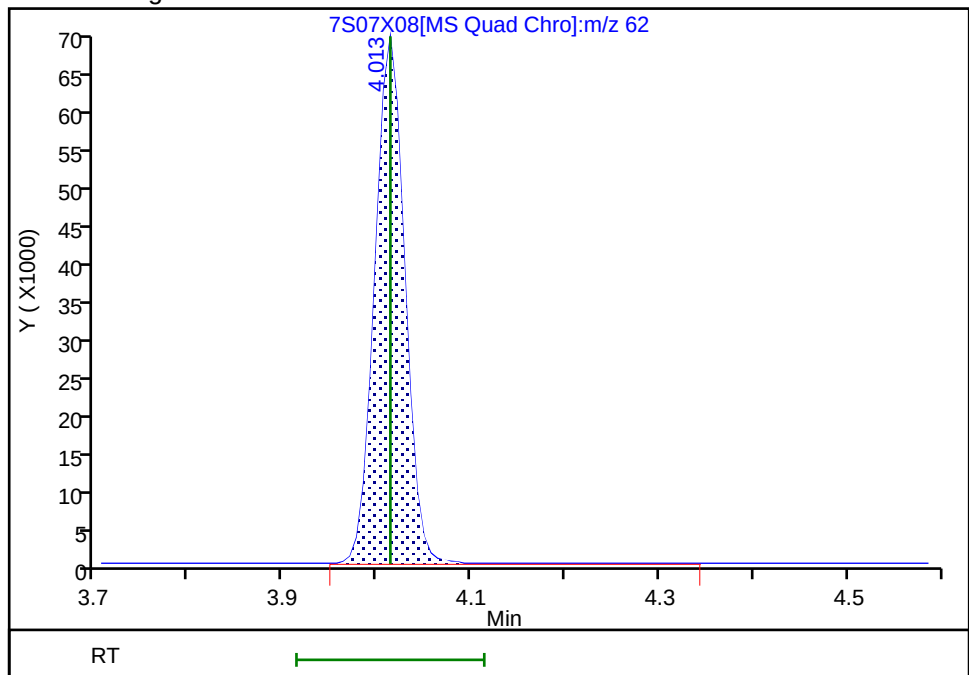
Signal: 1

Not Detected
Expected RT: 4.01

Processing Integration Results



Manual Integration Results



RT: 4.01
Area: 152621
Amount: 5.259493
Amount Units: ppb v/v

Reviewer: D7UM, 08-Sep-2025 13:56:18 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

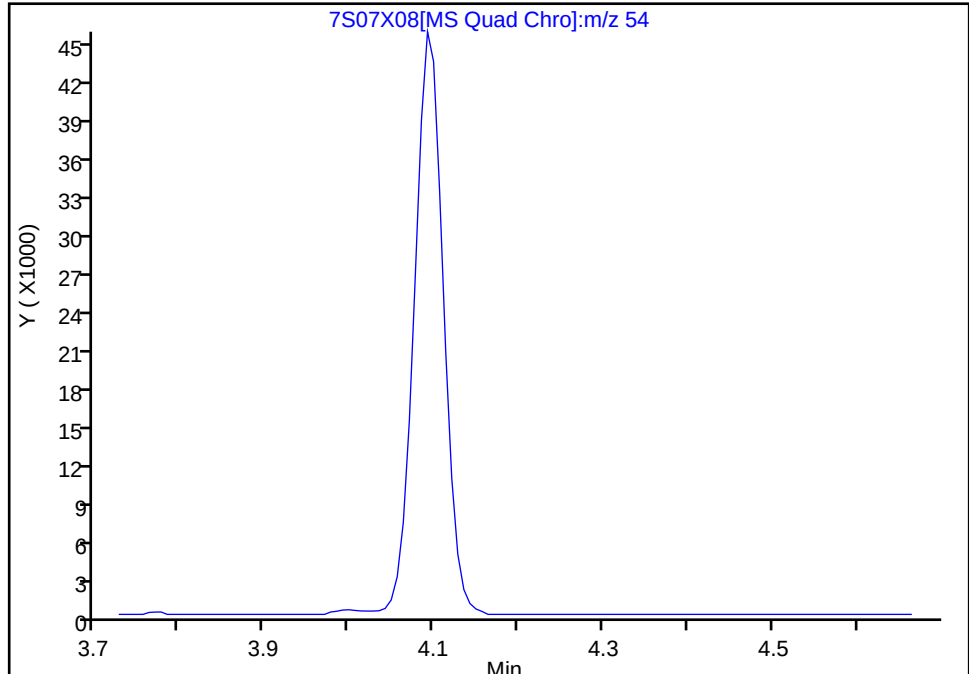
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

7 Butadiene, CAS: 106-99-0

Signal: 1

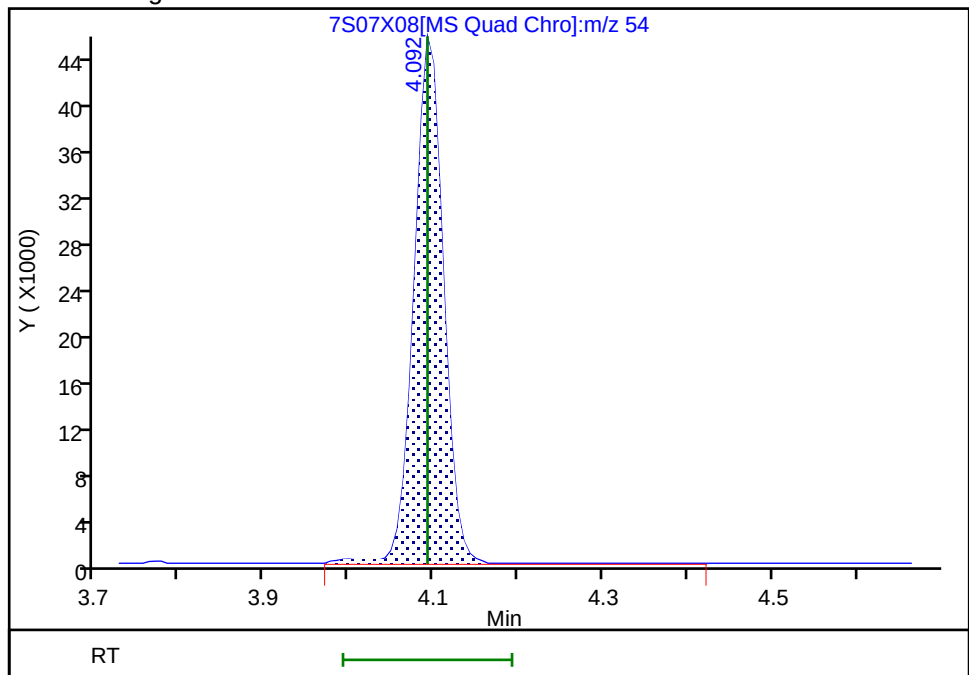
Not Detected
Expected RT: 4.09

Processing Integration Results



RT: 4.09
Area: 110341
Amount: 4.904713
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 13:59:02 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

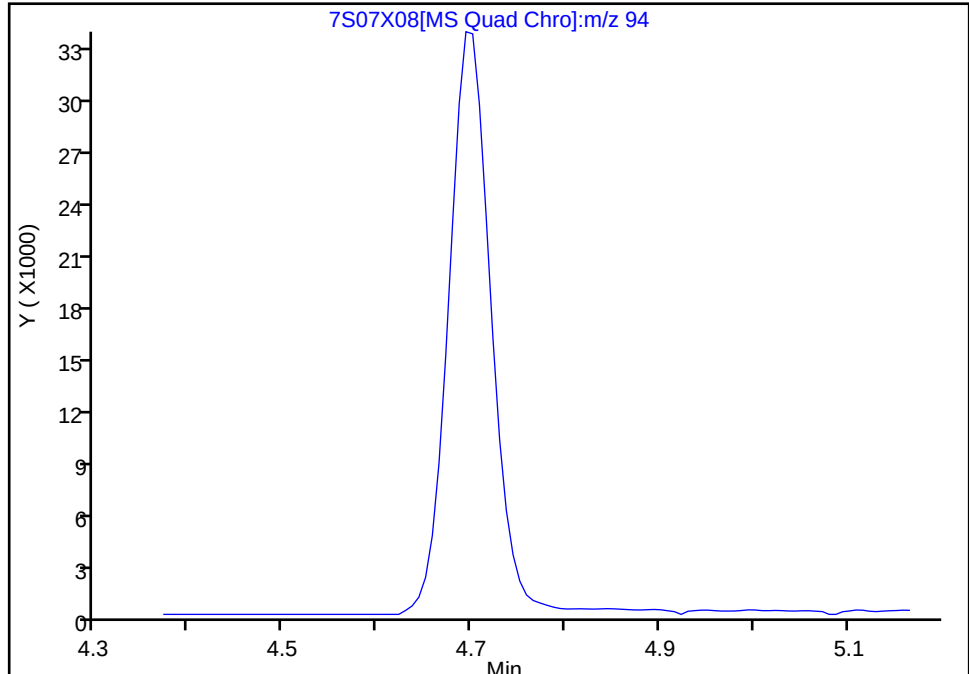
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

8 Bromomethane, CAS: 74-83-9

Signal: 1

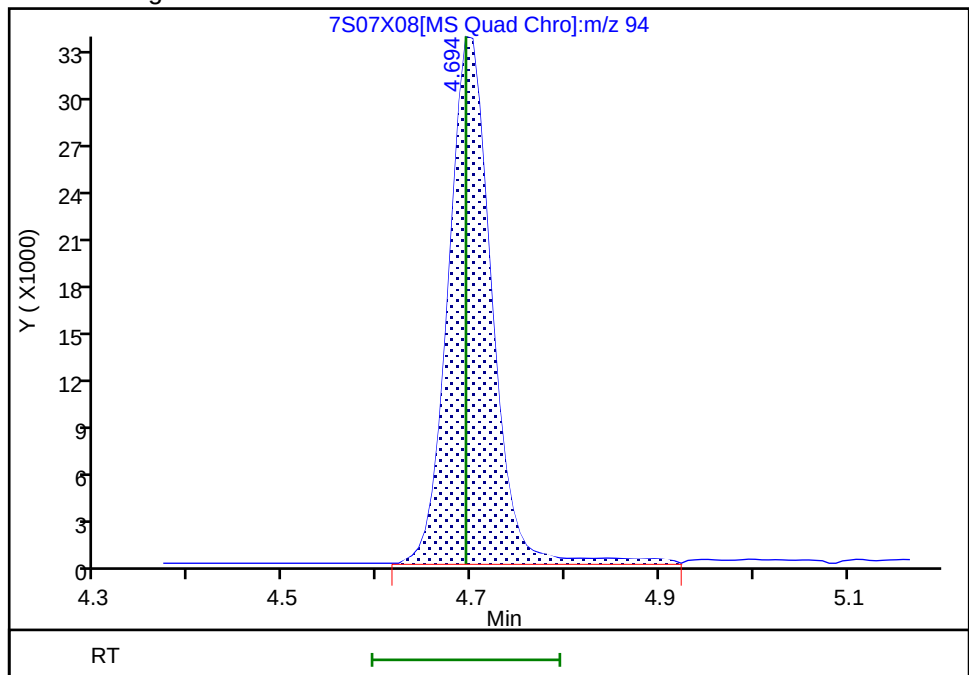
Not Detected
Expected RT: 4.69

Processing Integration Results



RT: 4.69
Area: 106167
Amount: 4.911546
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 13:59:43 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

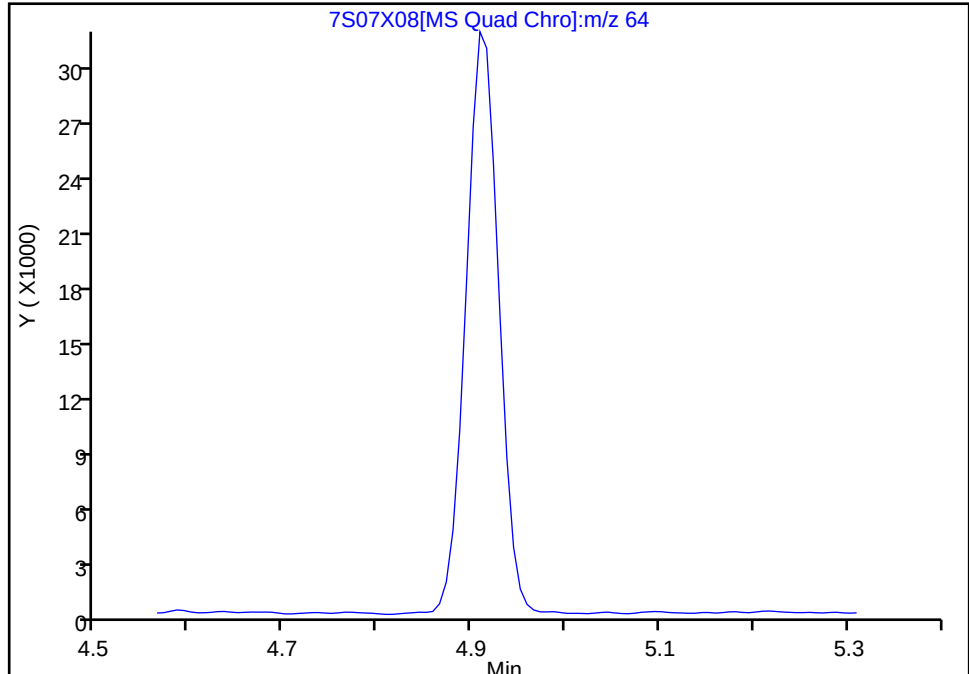
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

9 Chloroethane, CAS: 75-00-3

Signal: 1

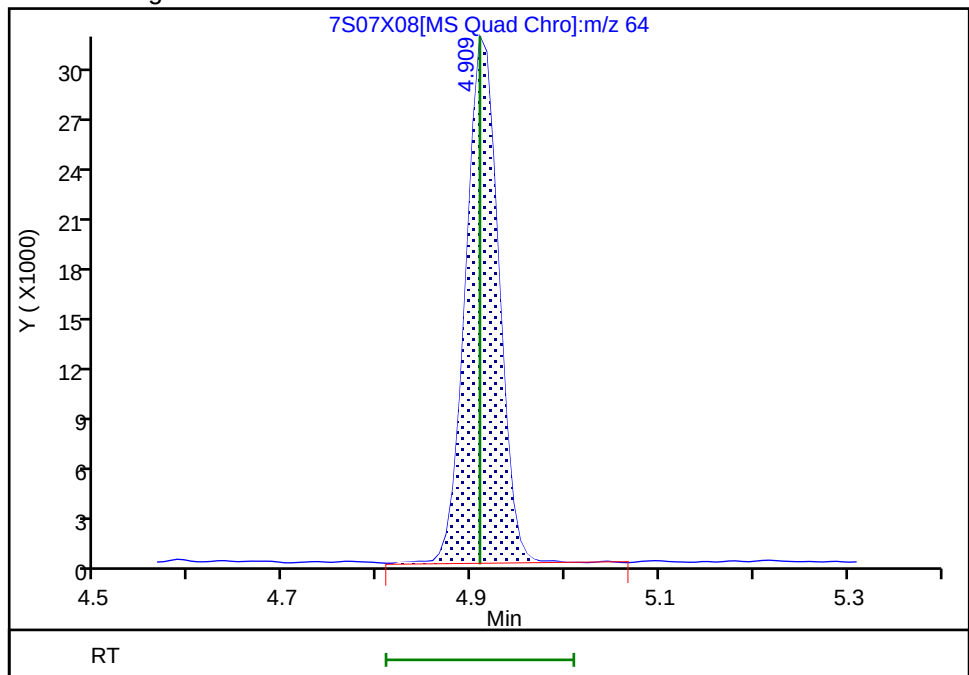
Not Detected
Expected RT: 4.91

Processing Integration Results



RT: 4.91
Area: 77050
Amount: 4.396302
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 13:59:49 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

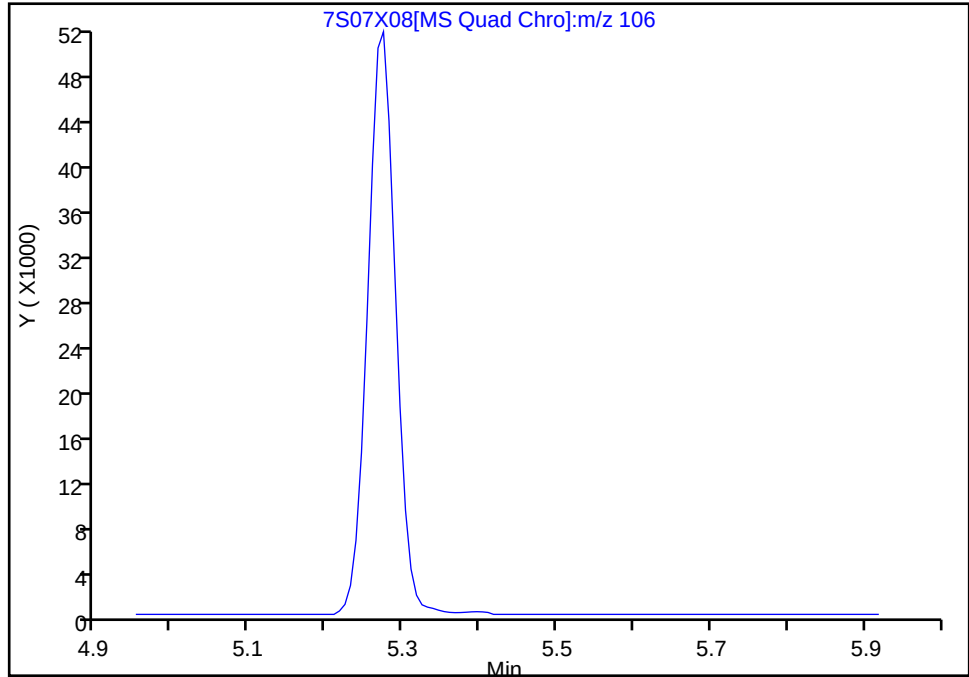
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

10 Vinyl bromide, CAS: 593-60-2

Signal: 1

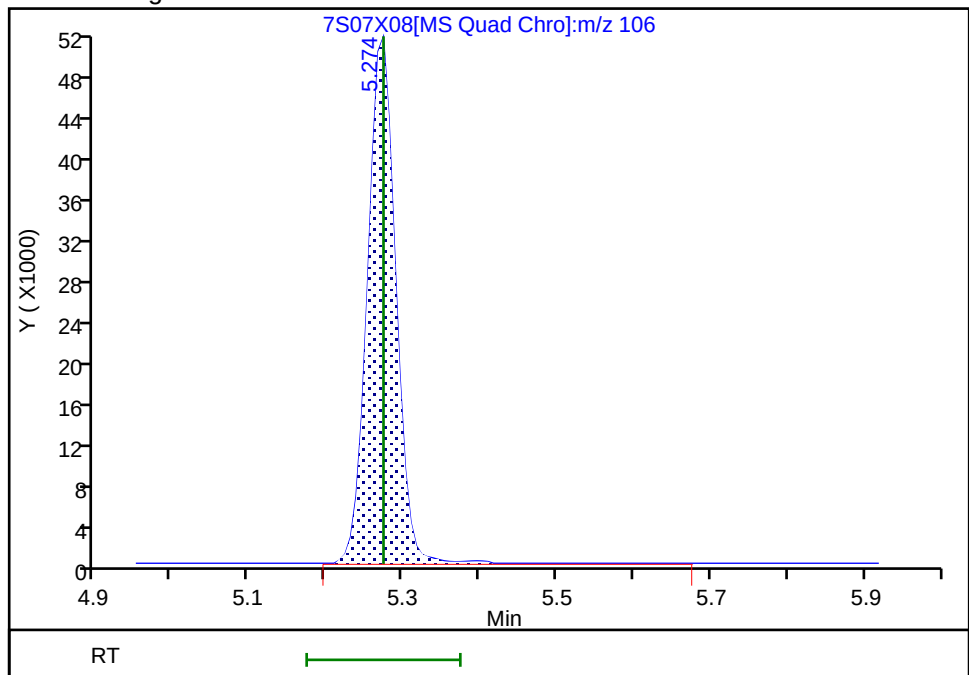
Not Detected
Expected RT: 5.27

Processing Integration Results



RT: 5.27
Area: 130891
Amount: 4.655729
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 14:44:33 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

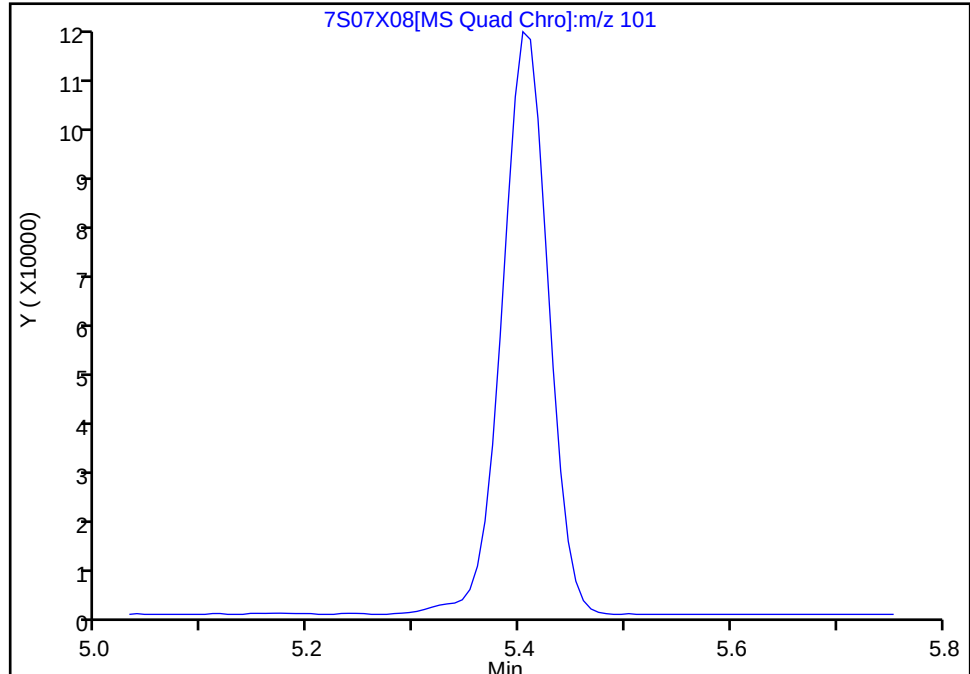
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

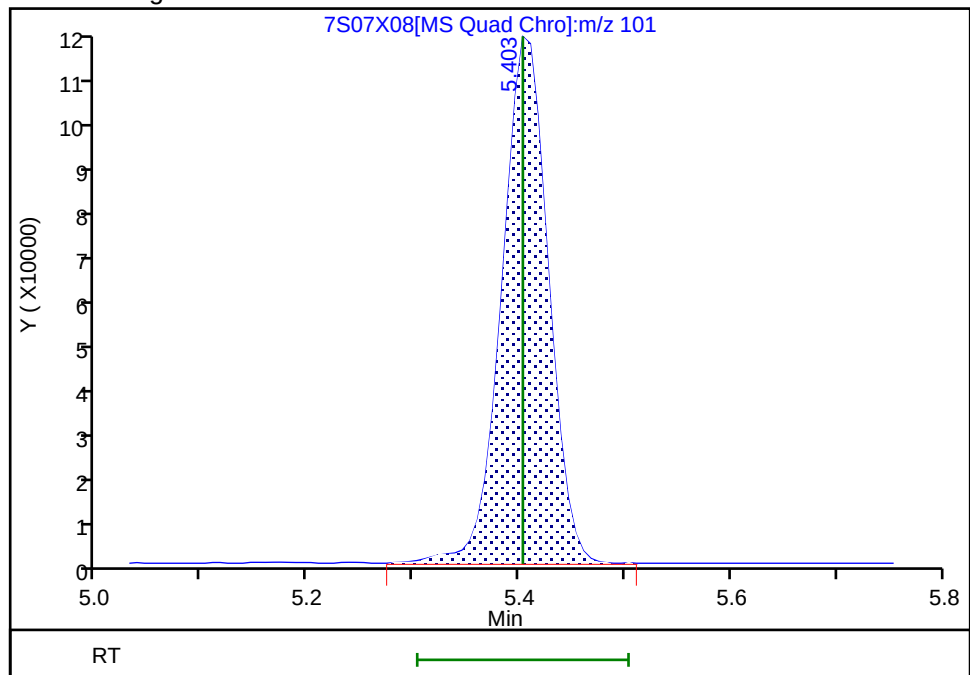
Not Detected
Expected RT: 5.40

Processing Integration Results



Manual Integration Results

RT: 5.40
Area: 366646
Amount: 5.056014
Amount Units: ppb v/v



Reviewer: D7UM, 08-Sep-2025 14:45:37 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

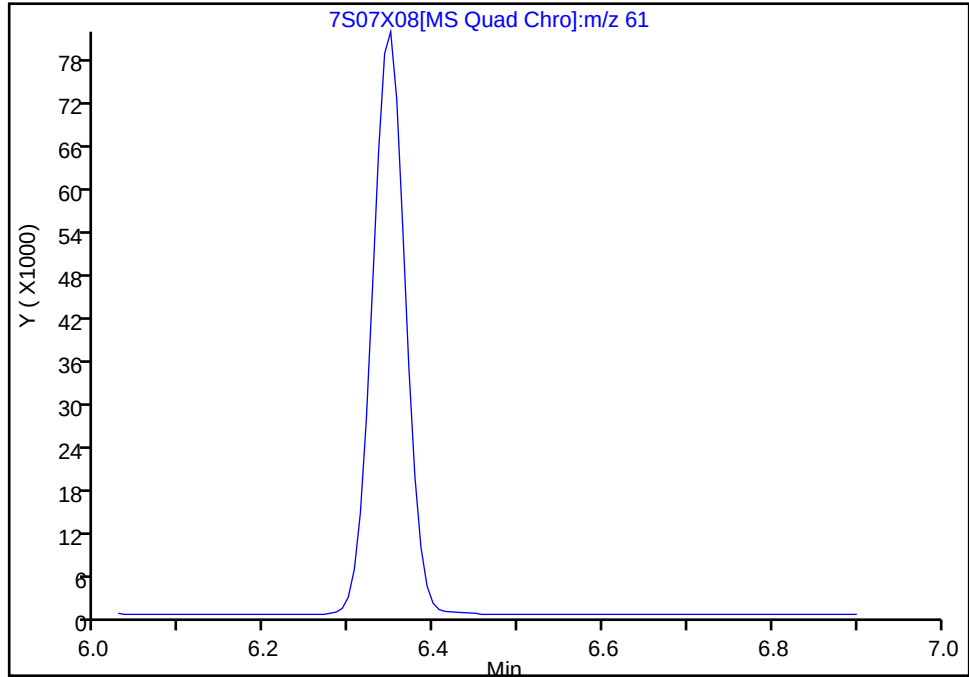
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

15 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

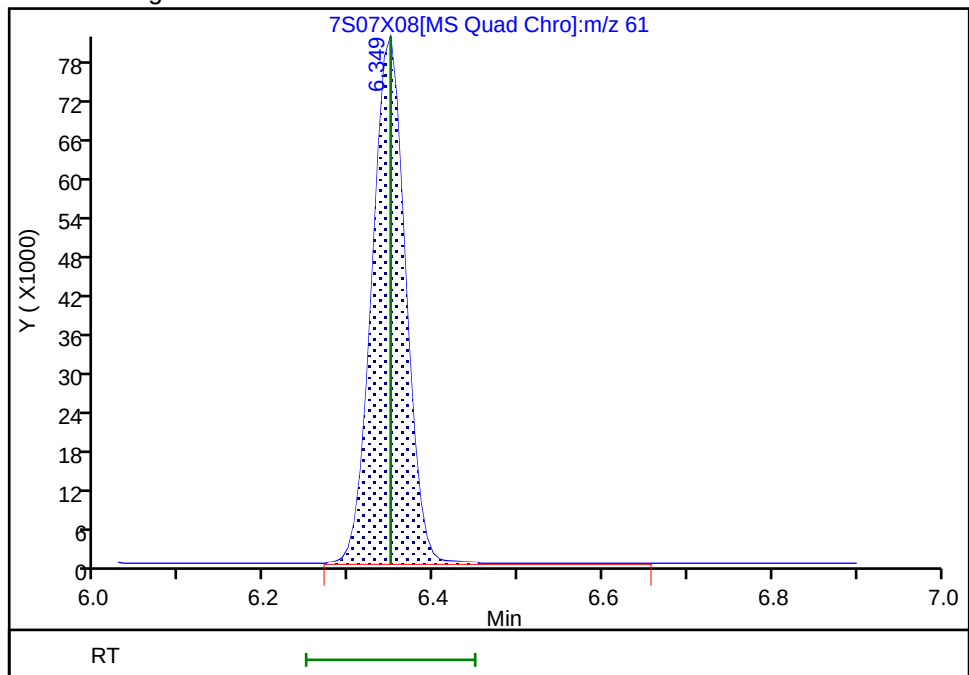
Not Detected
Expected RT: 6.35

Processing Integration Results



RT: 6.35
Area: 224161
Amount: 4.569272
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 14:48:25 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

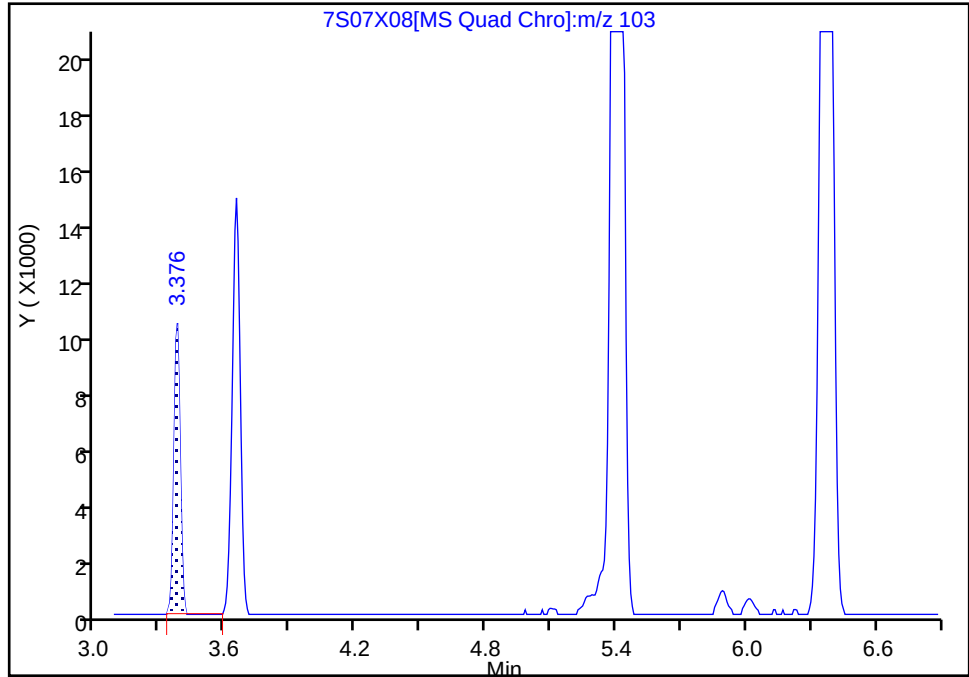
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

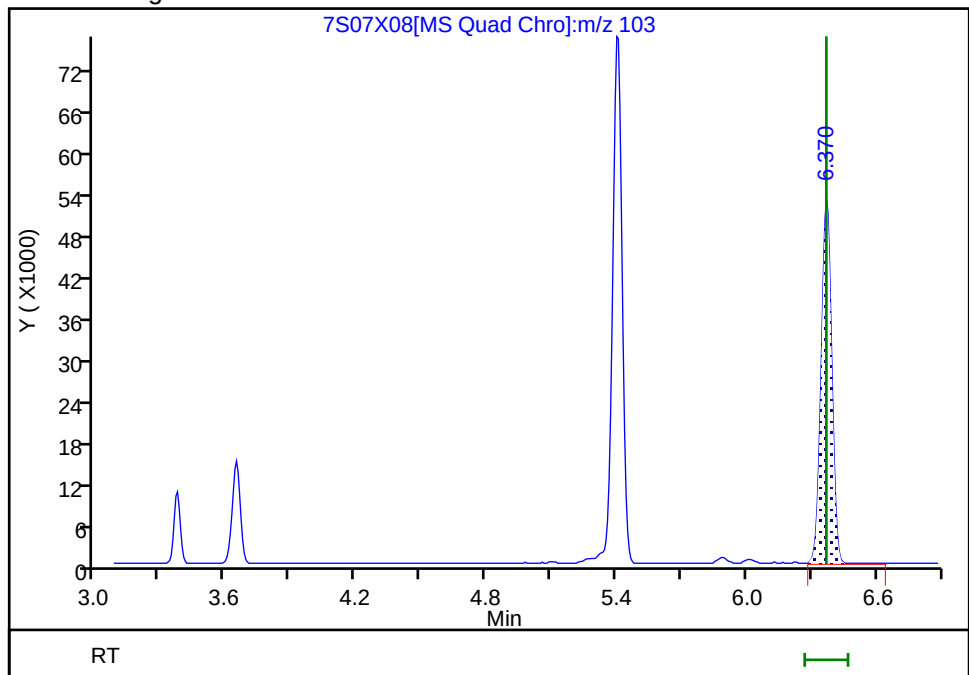
RT: 3.38
Area: 21022
Amount: 4.882157
Amount Units: ppb v/v

Processing Integration Results



RT: 6.37
Area: 178594
Amount: 4.939078
Amount Units: ppb v/v

Manual Integration Results



Reviewer: UKEK, 11-Sep-2025 07:56:29 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

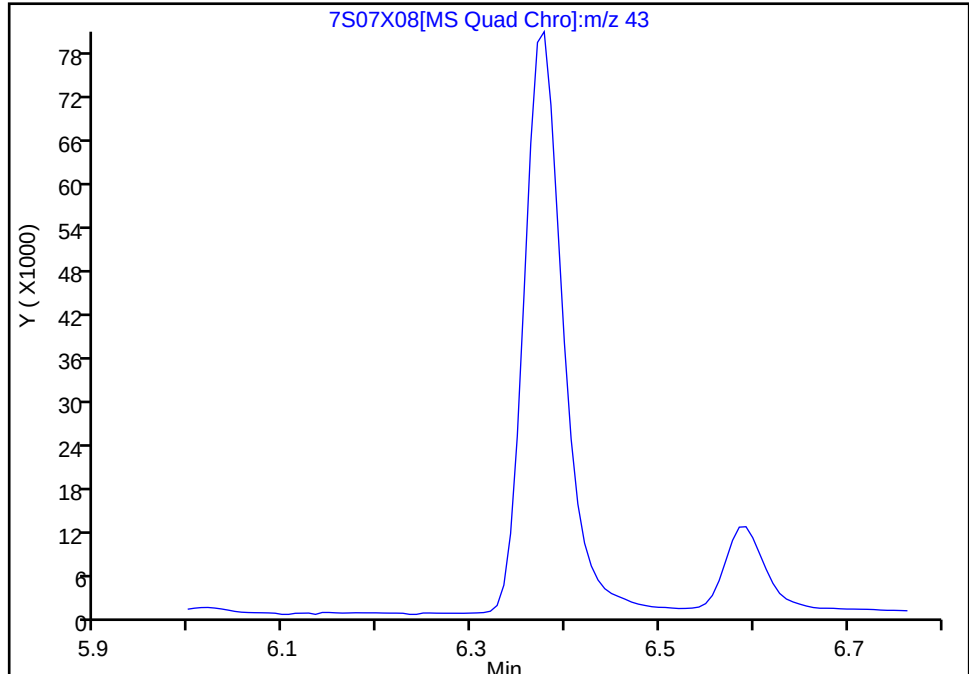
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

23 Acetone, CAS: 67-64-1

Signal: 1

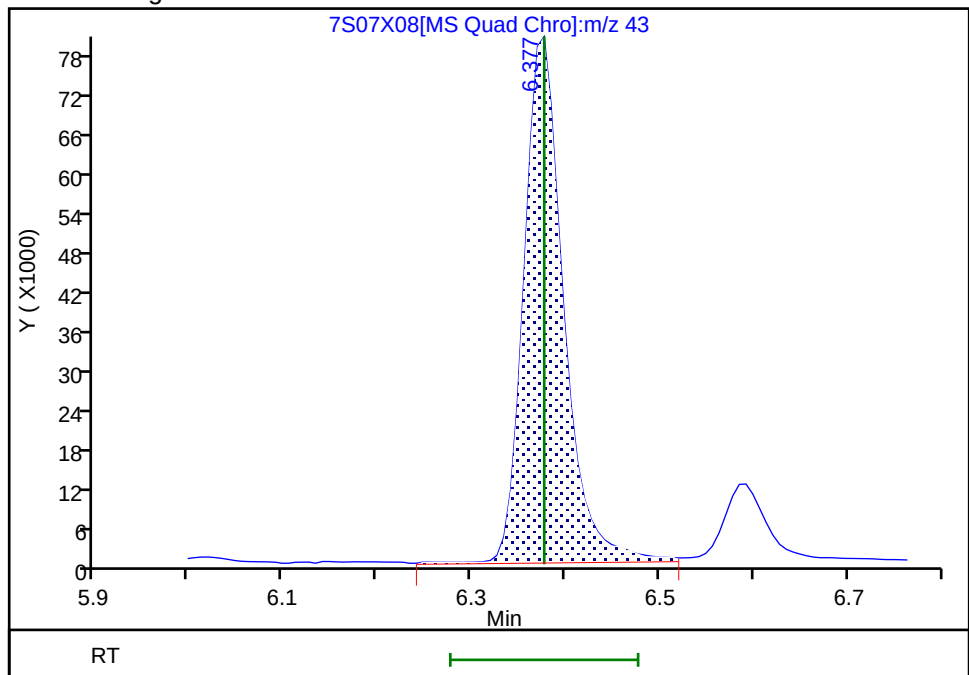
Not Detected
Expected RT: 6.38

Processing Integration Results



RT: 6.38
Area: 239306
Amount: 4.622188
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 14:48:39 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

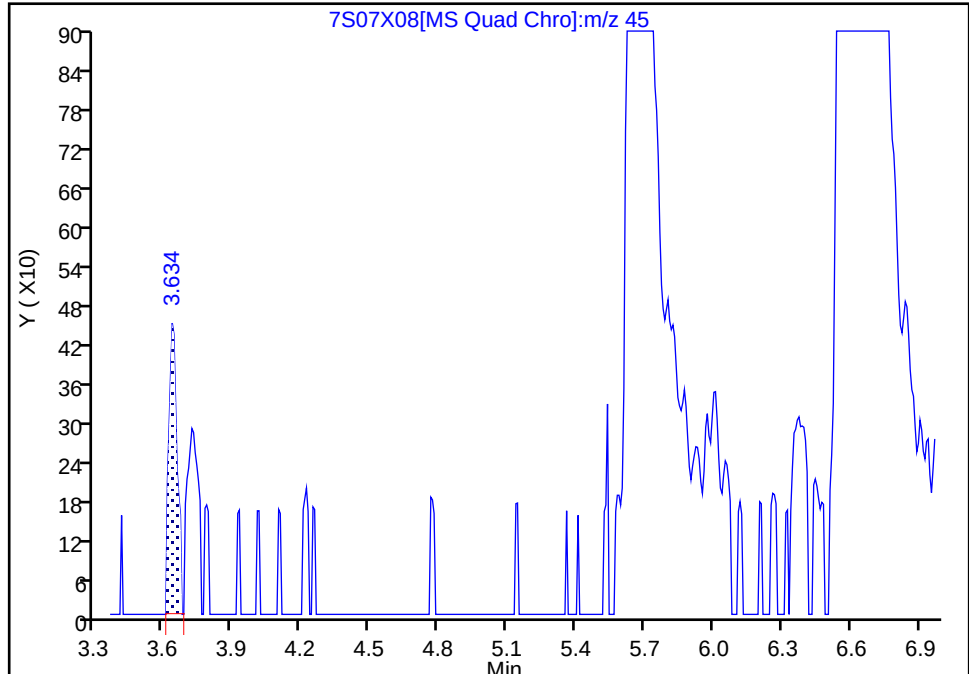
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

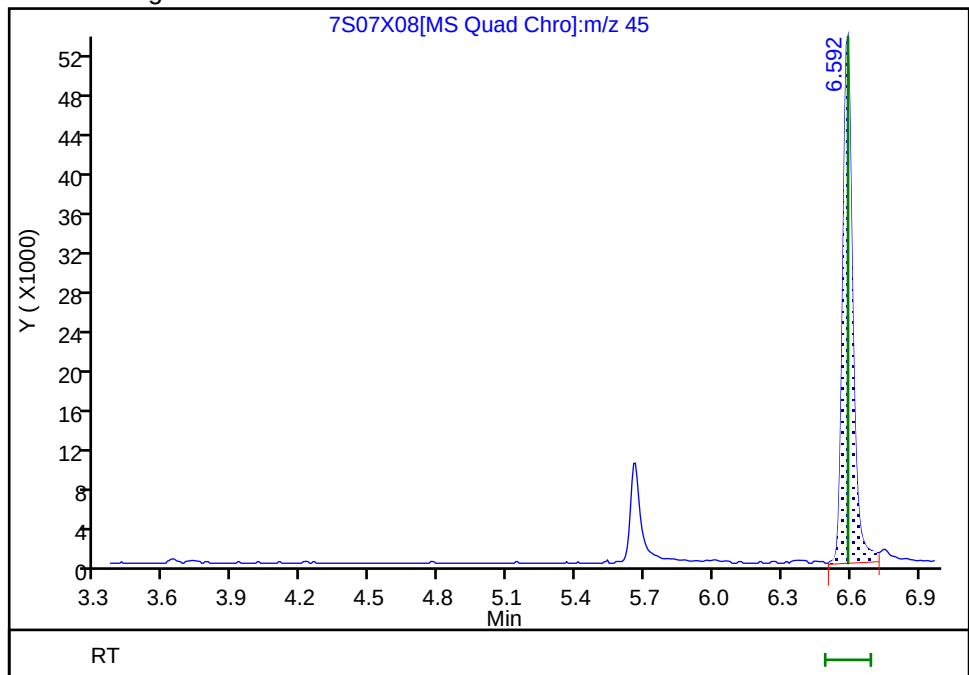
RT: 3.63
Area: 1135
Amount: 0.220031
Amount Units: ppb v/v

Processing Integration Results



RT: 6.59
Area: 165914
Amount: 4.329775
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:20:28 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

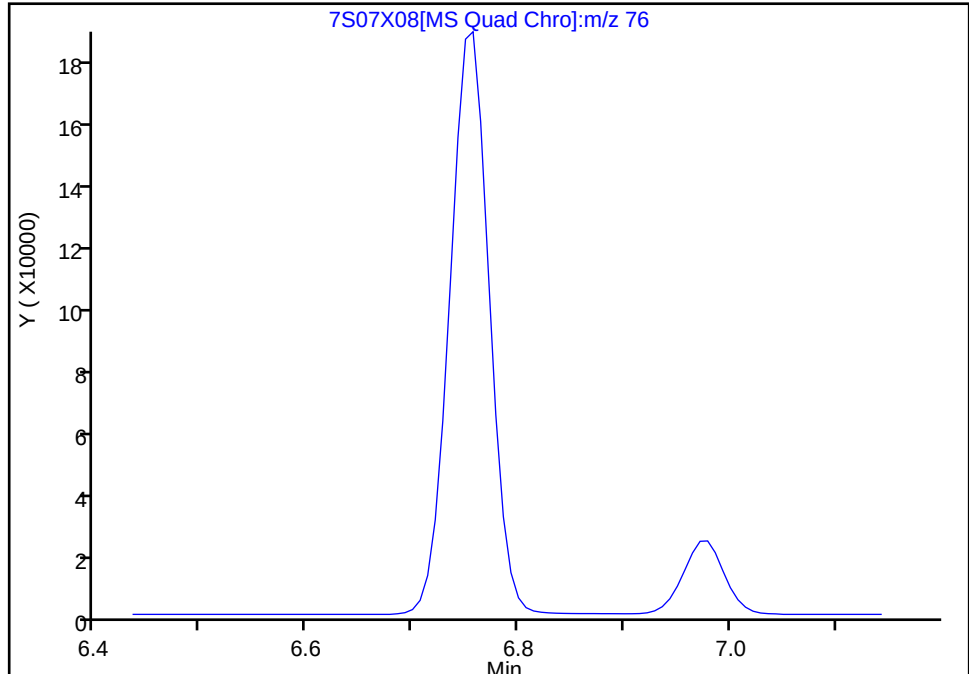
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

17 Carbon disulfide, CAS: 75-15-0

Signal: 1

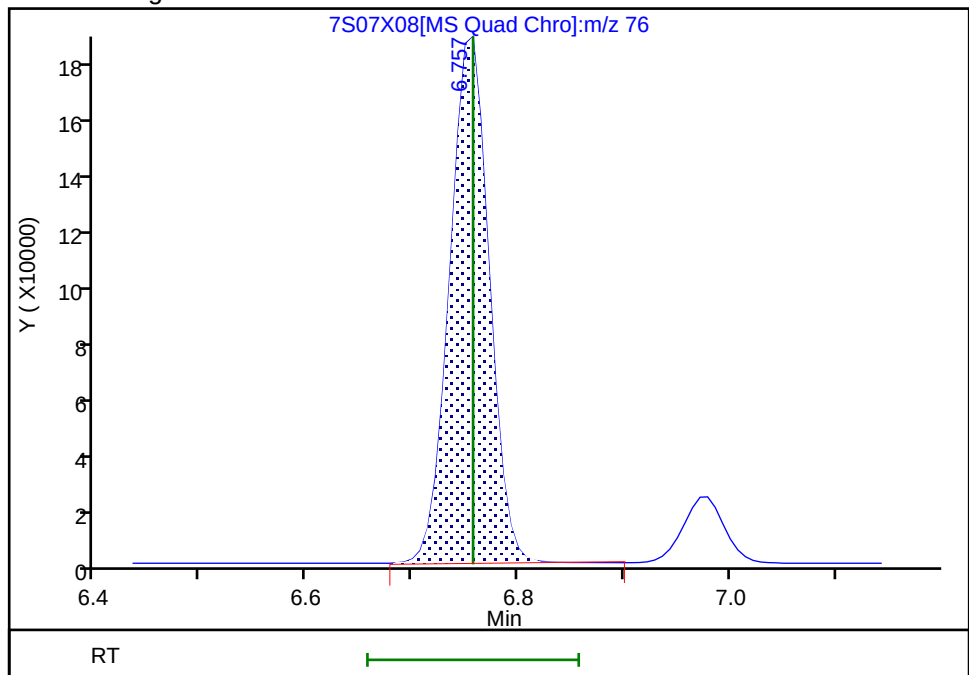
Not Detected
Expected RT: 6.76

Processing Integration Results



RT: 6.76
Area: 471063
Amount: 4.539169
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:00:49 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

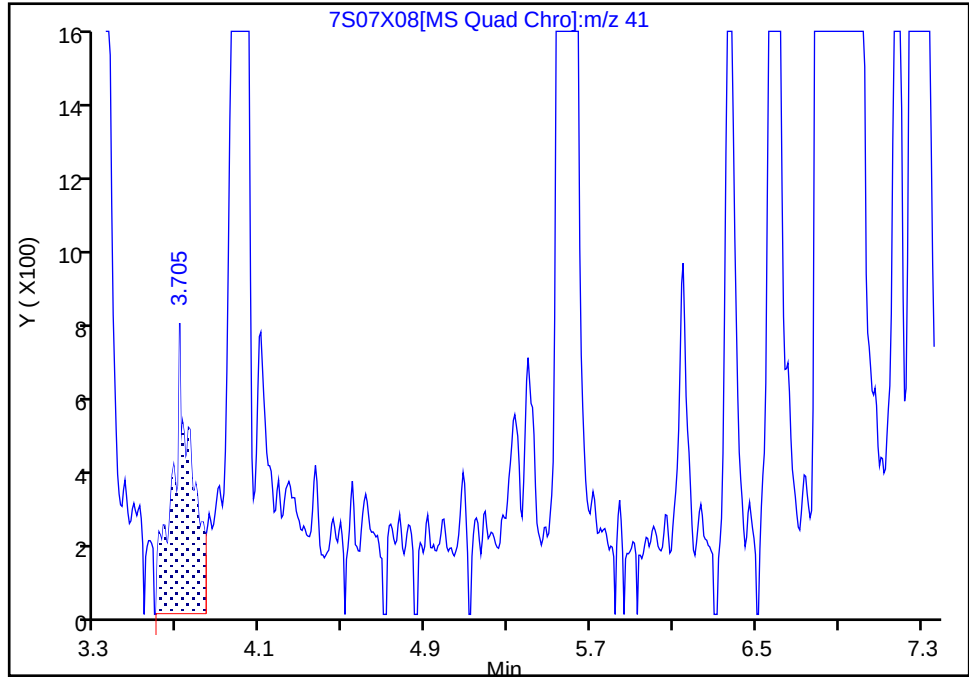
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

21 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

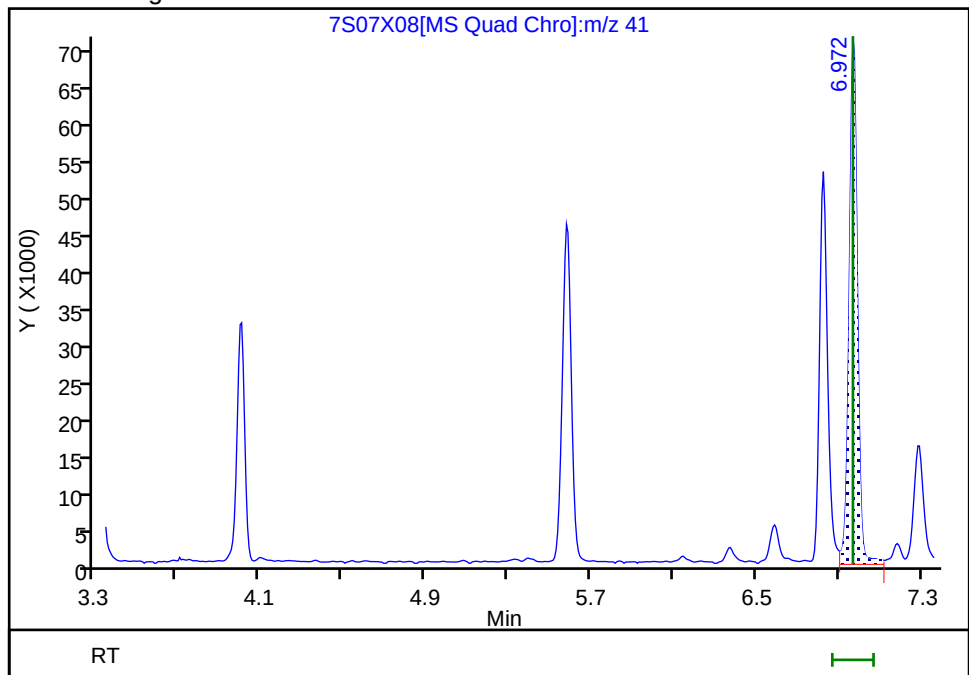
RT: 3.71
Area: 4893
Amount: 0.139892
Amount Units: ppb v/v

Processing Integration Results



RT: 6.97
Area: 198983
Amount: 4.164831
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 14:49:30 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

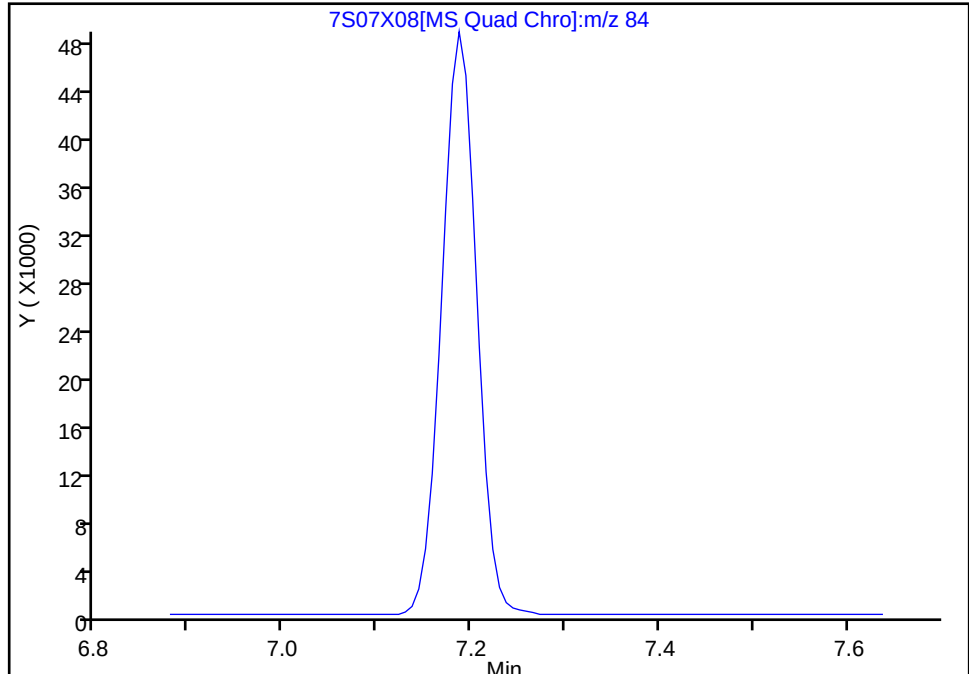
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

22 Methylene Chloride, CAS: 75-09-2

Signal: 1

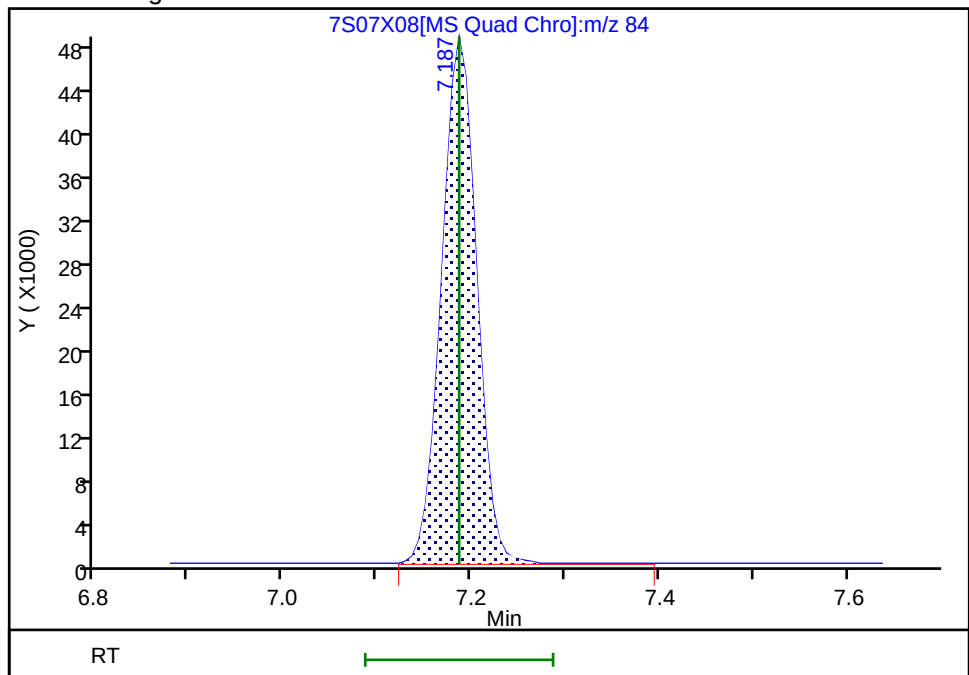
Not Detected
Expected RT: 7.19

Processing Integration Results



RT: 7.19
Area: 124905
Amount: 4.548725
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:01:01 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

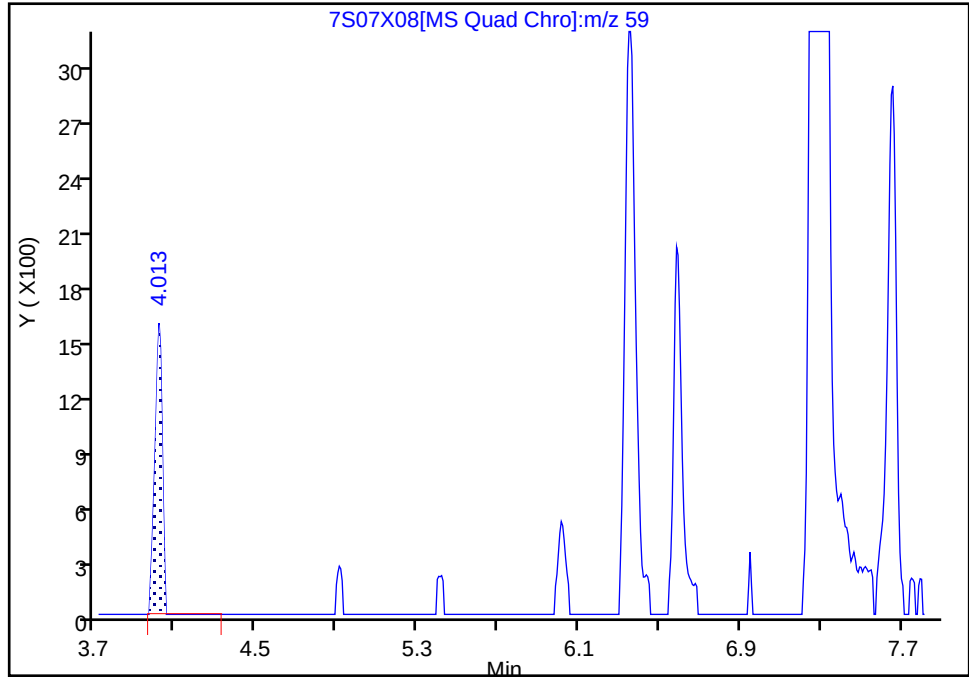
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

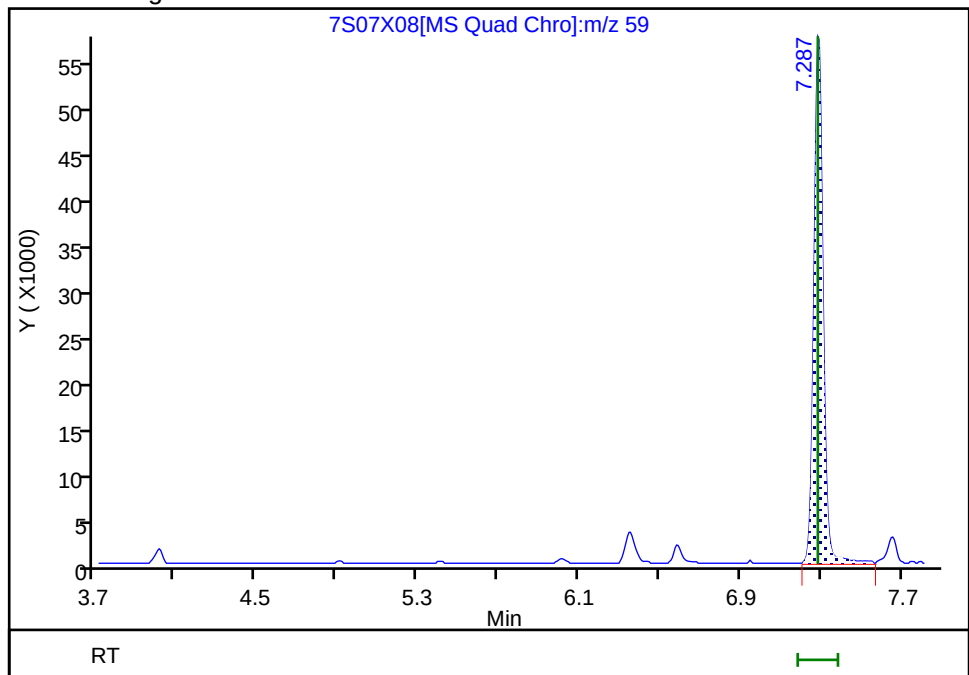
RT: 4.01
Area: 4034
Amount: 6.056972
Amount Units: ppb v/v

Processing Integration Results



RT: 7.29
Area: 185366
Amount: 5.832456
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 14:49:54 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

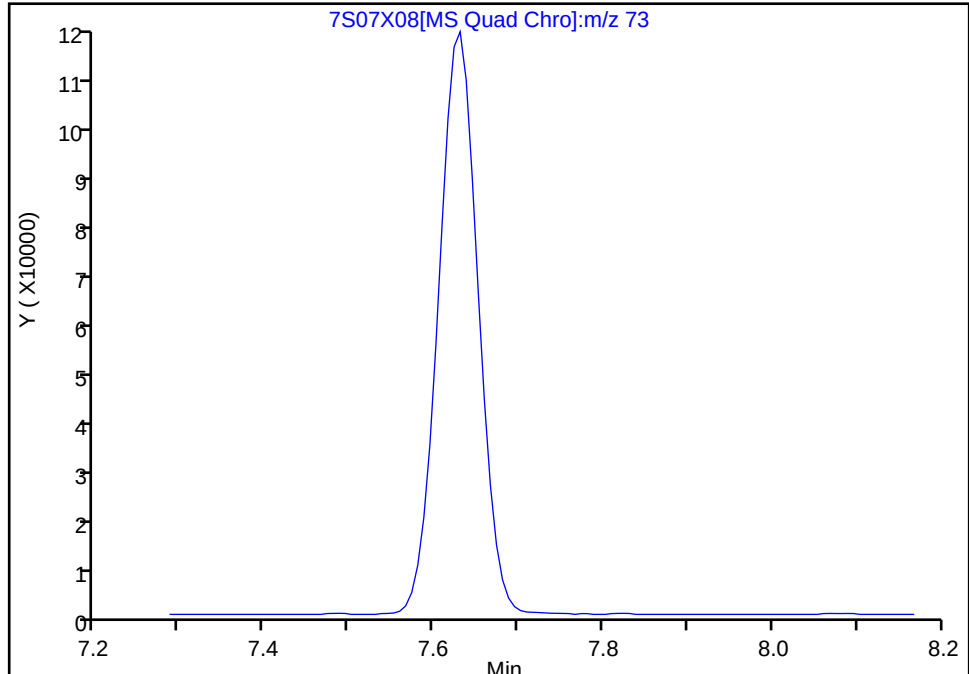
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

26 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

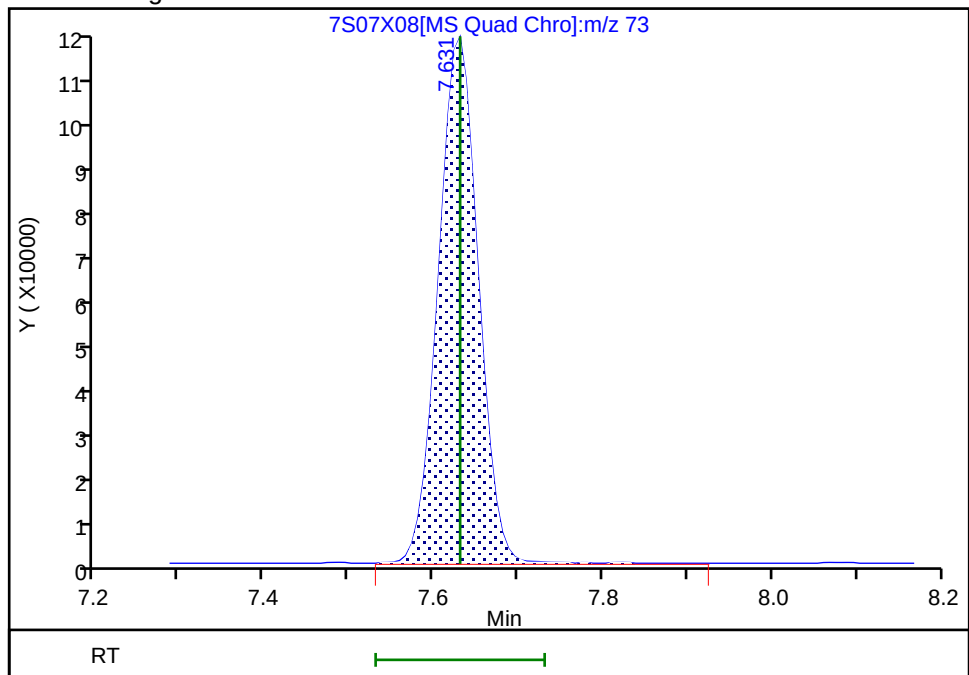
Not Detected
Expected RT: 7.63

Processing Integration Results



Manual Integration Results

RT: 7.63
Area: 375504
Amount: 4.999606
Amount Units: ppb v/v



Reviewer: D7UM, 08-Sep-2025 15:01:09 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

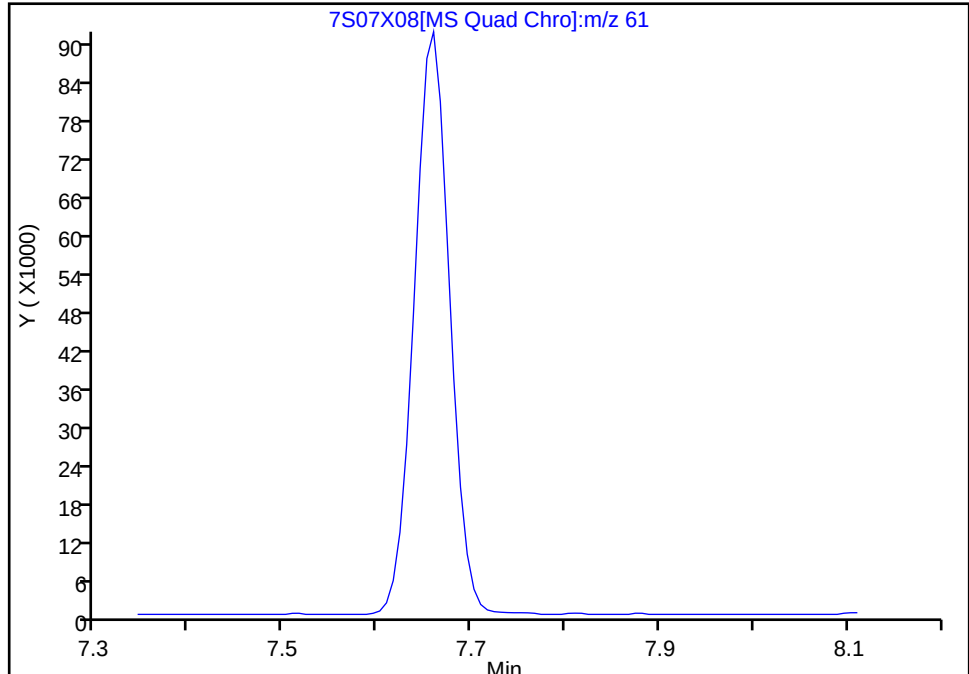
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

24 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

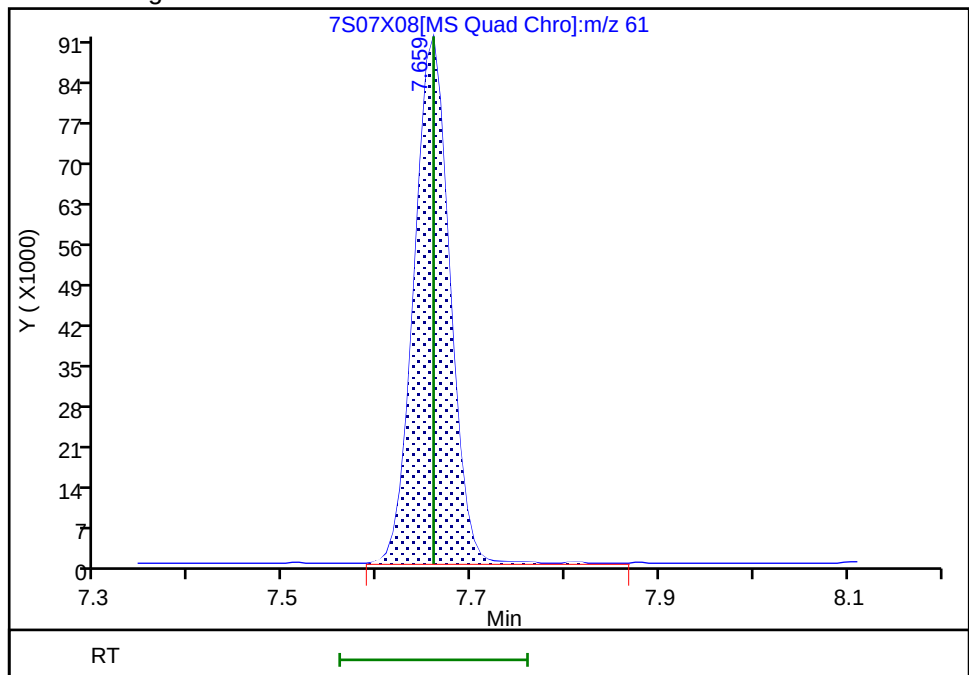
Not Detected
Expected RT: 7.66

Processing Integration Results



RT: 7.66
Area: 241044
Amount: 4.621028
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:01:22 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

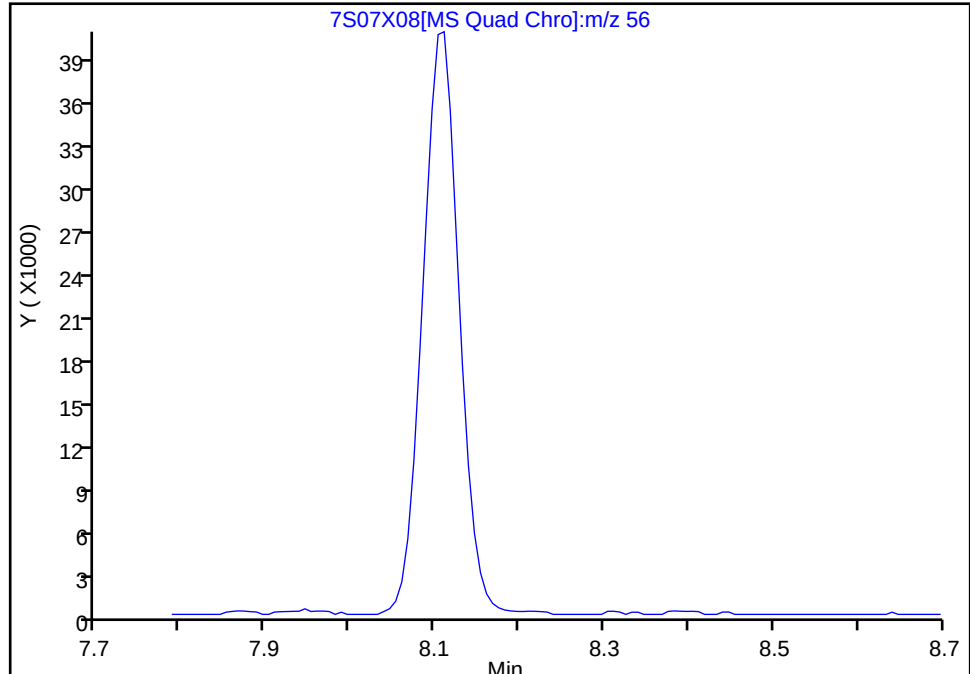
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

25 Hexane, CAS: 110-54-3

Signal: 1

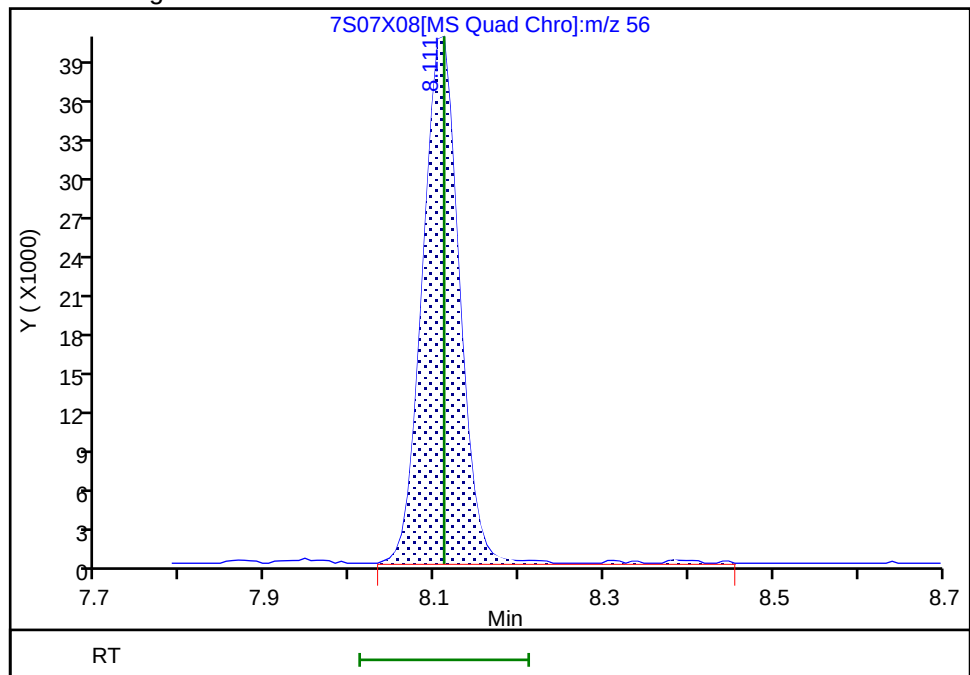
Not Detected
Expected RT: 8.11

Processing Integration Results



RT: 8.11
Area: 123384
Amount: 4.585585
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 14:50:39 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

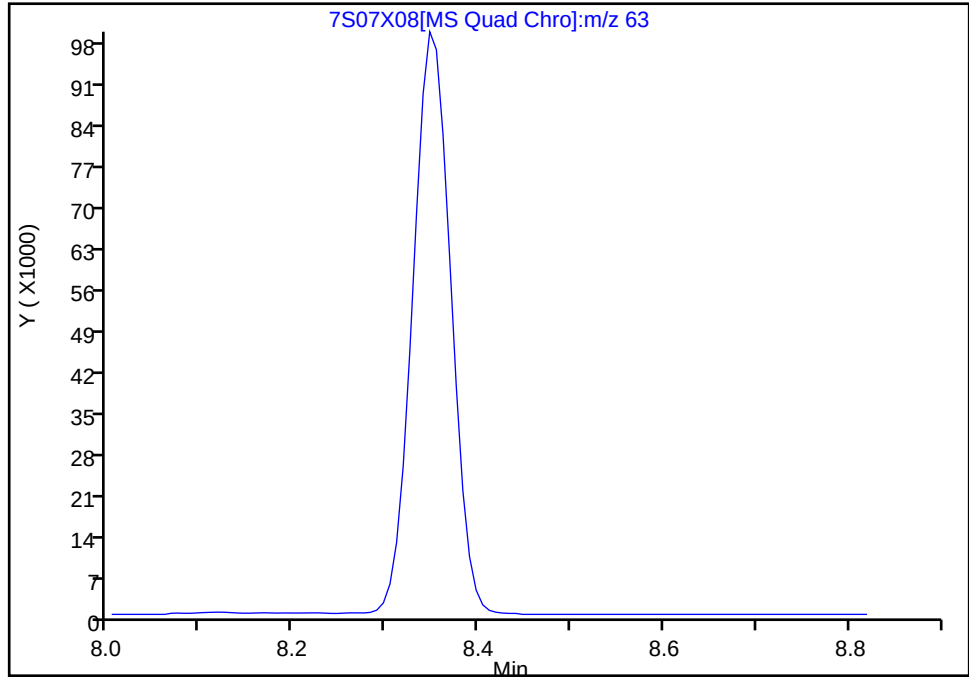
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

30 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

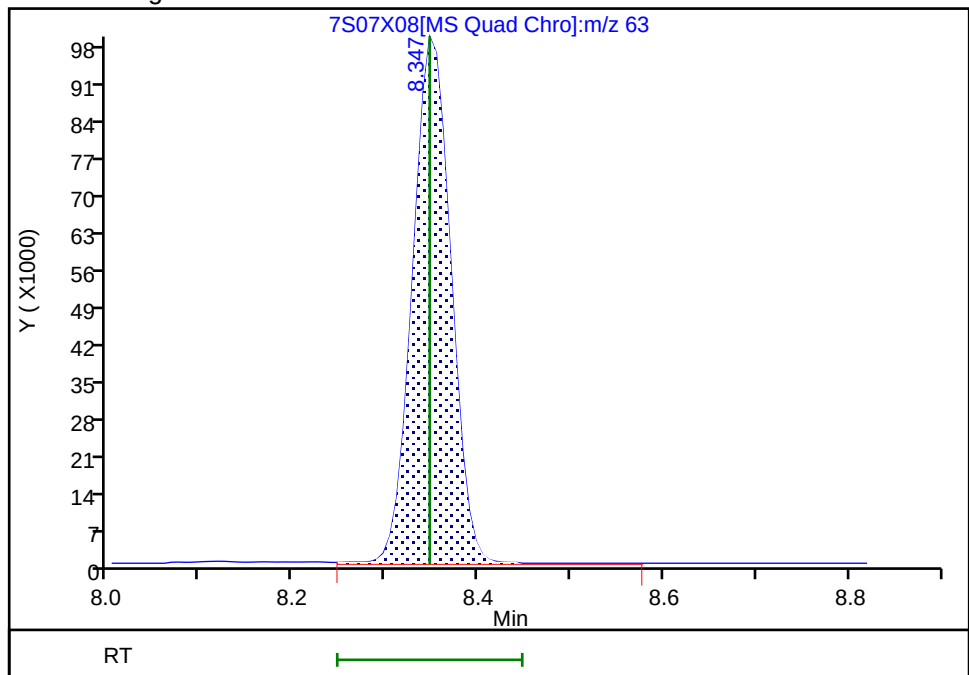
Not Detected
Expected RT: 8.35

Processing Integration Results



RT: 8.35
Area: 285491
Amount: 4.489172
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:02:10 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

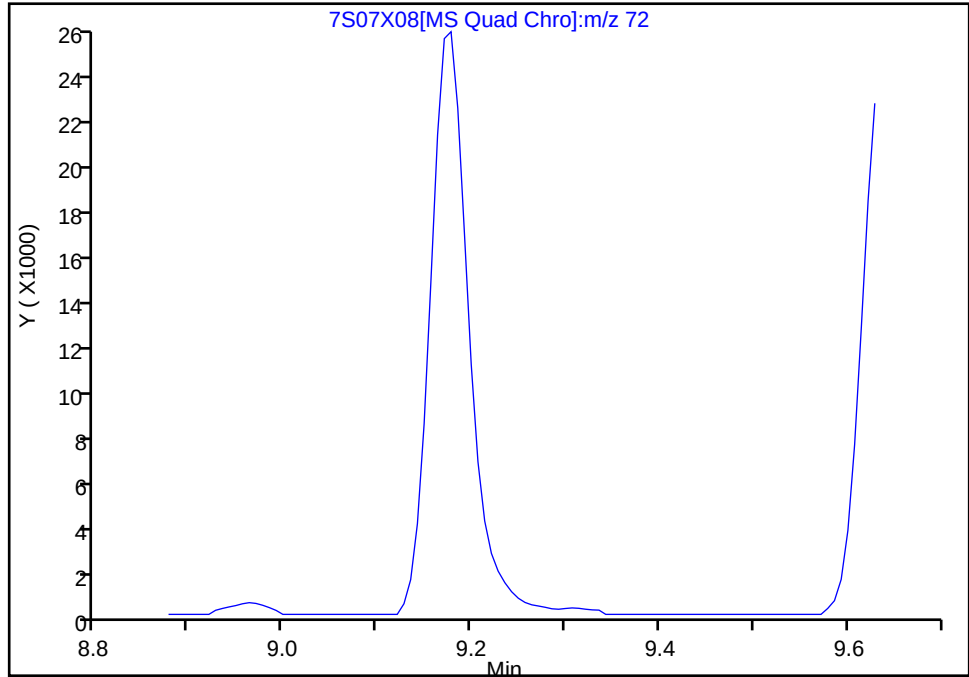
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

43 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

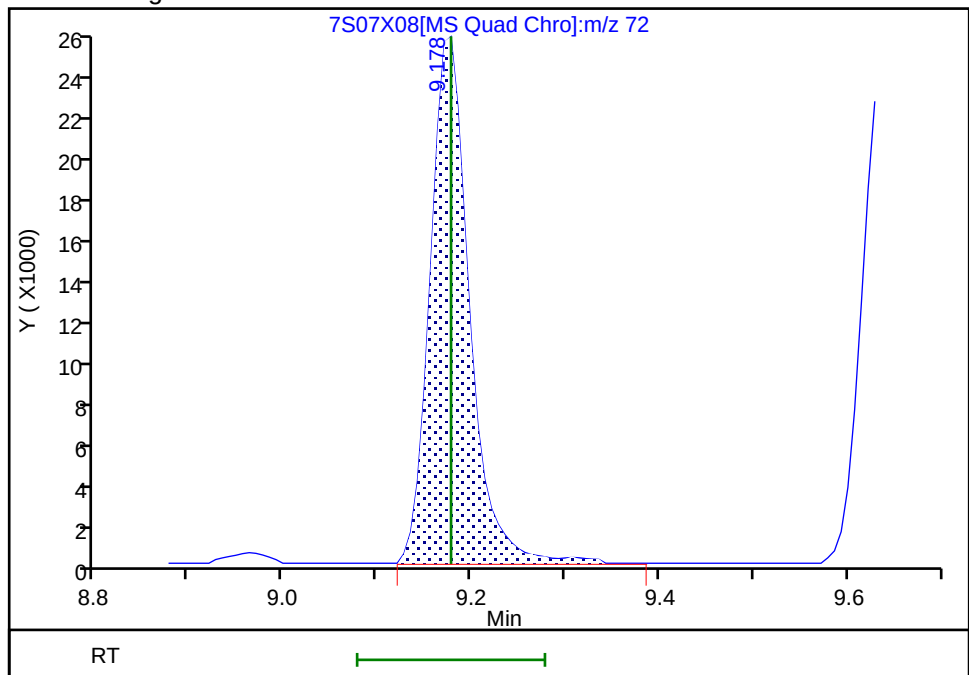
Not Detected
Expected RT: 9.18

Processing Integration Results



RT: 9.18
Area: 74458
Amount: 5.058130
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:02:34 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

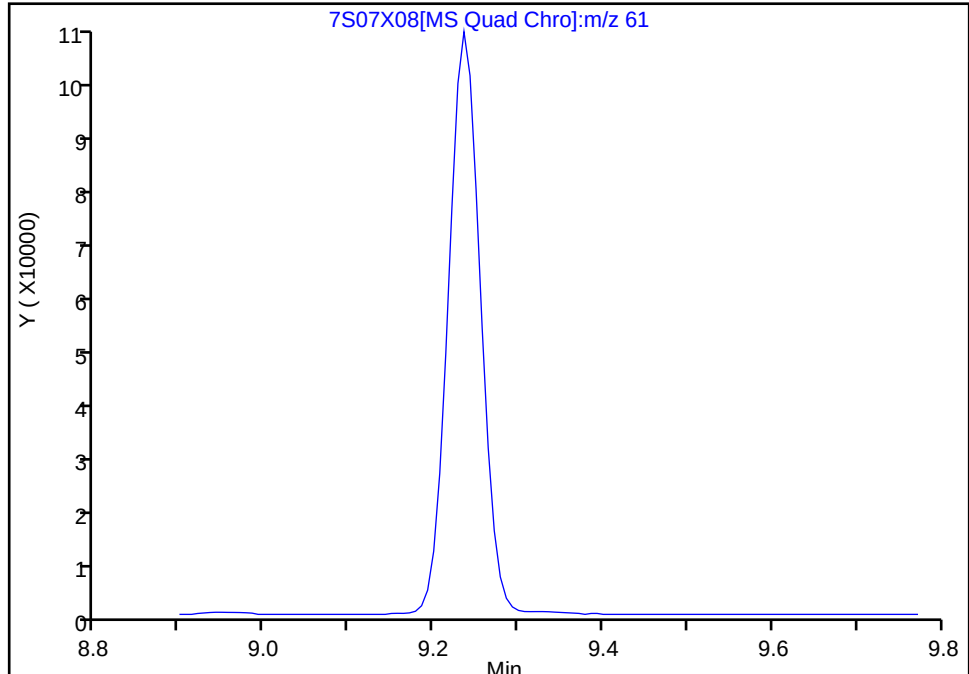
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Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

34 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

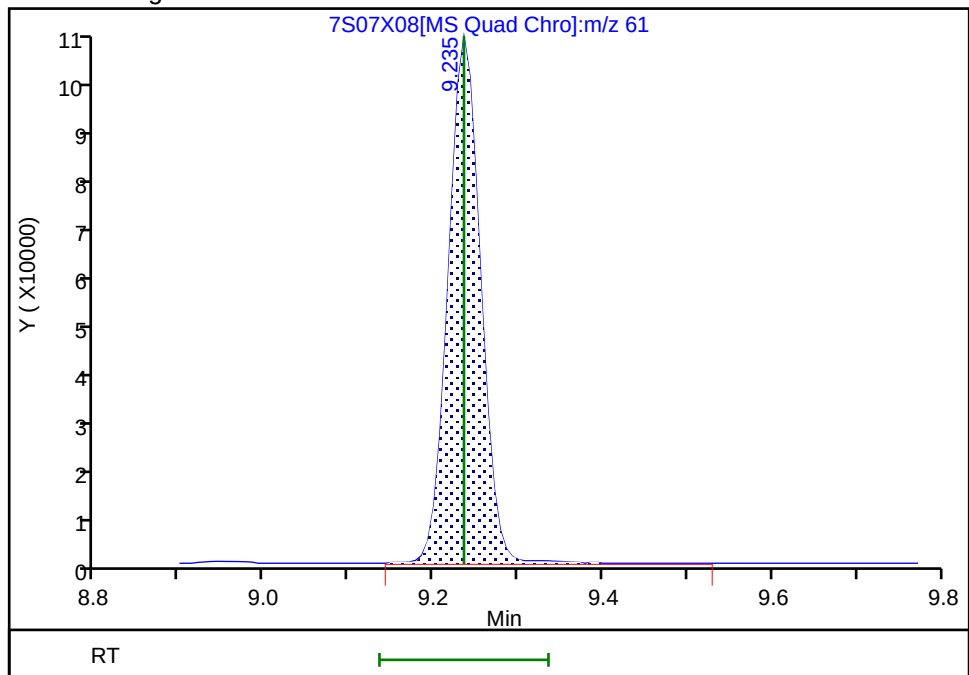
Not Detected
Expected RT: 9.24

Processing Integration Results



RT: 9.24
Area: 270104
Amount: 4.563309
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:03:00 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

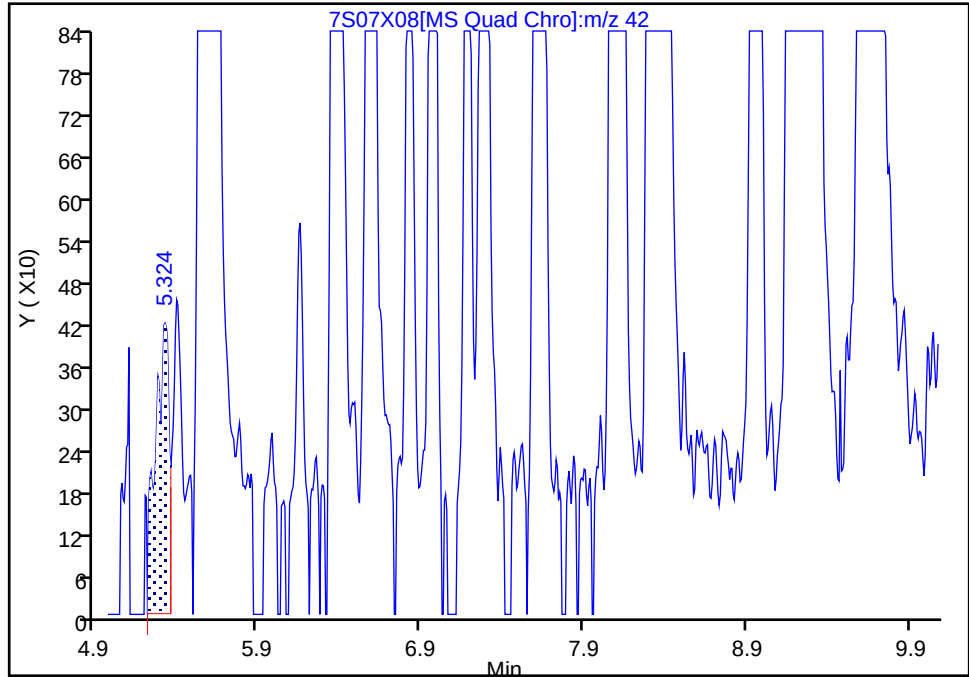
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

41 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

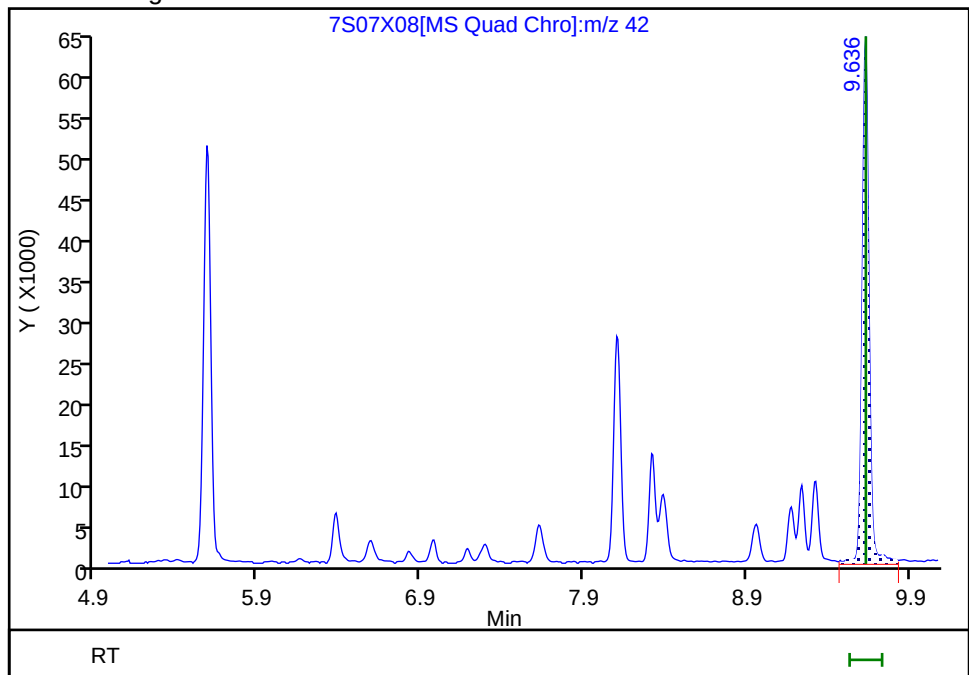
RT: 5.32
Area: 2368
Amount: 3.013337
Amount Units: ppb v/v

Processing Integration Results



RT: 9.64
Area: 192551
Amount: 4.519715
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 14:51:36 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

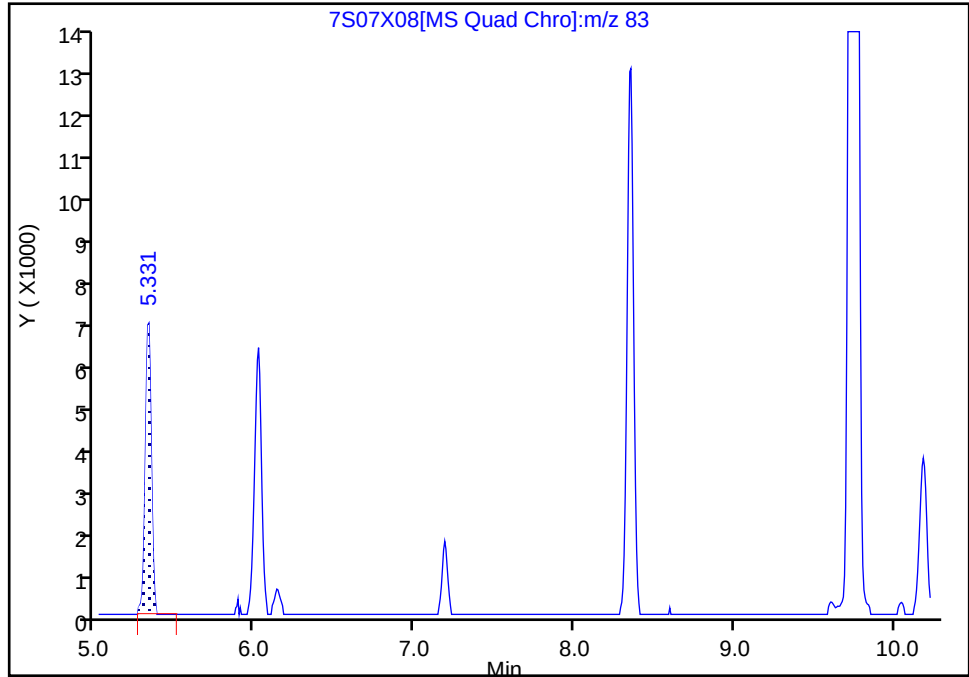
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

37 Chloroform, CAS: 67-66-3

Signal: 1

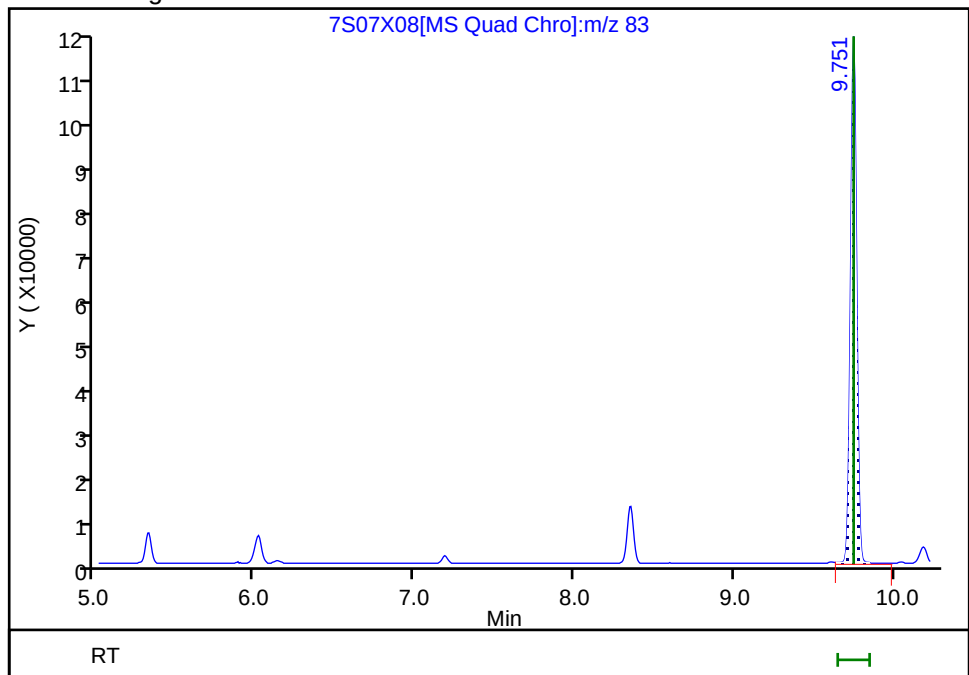
RT: 5.33
Area: 17964
Amount: 5.004268
Amount Units: ppb v/v

Processing Integration Results



RT: 9.75
Area: 320439
Amount: 4.494103
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 14:52:06 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

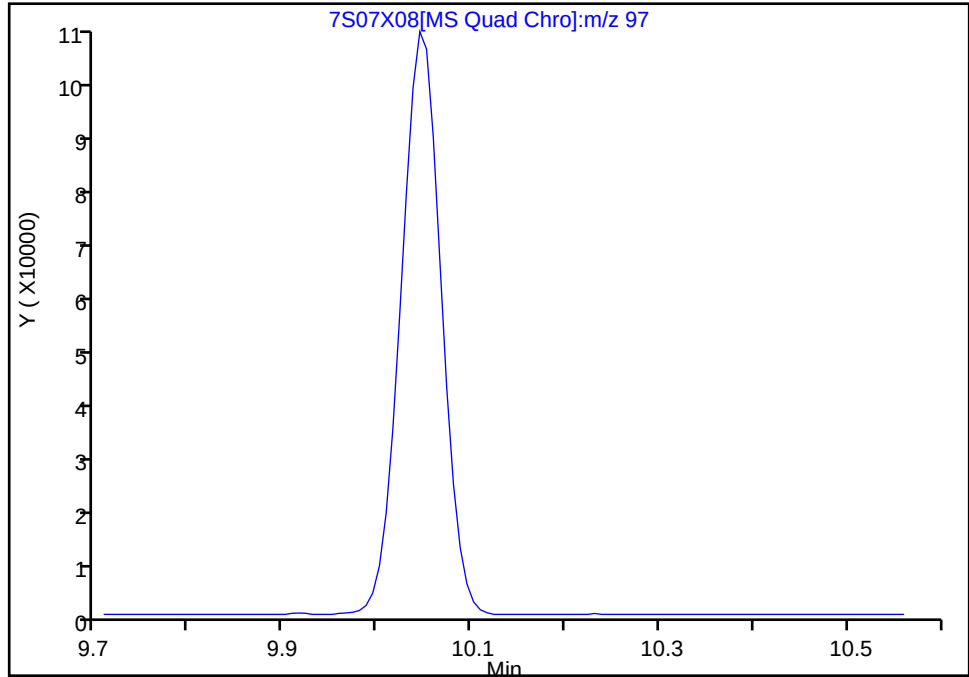
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

42 1,1,1-Trichloroethane, CAS: 71-55-6

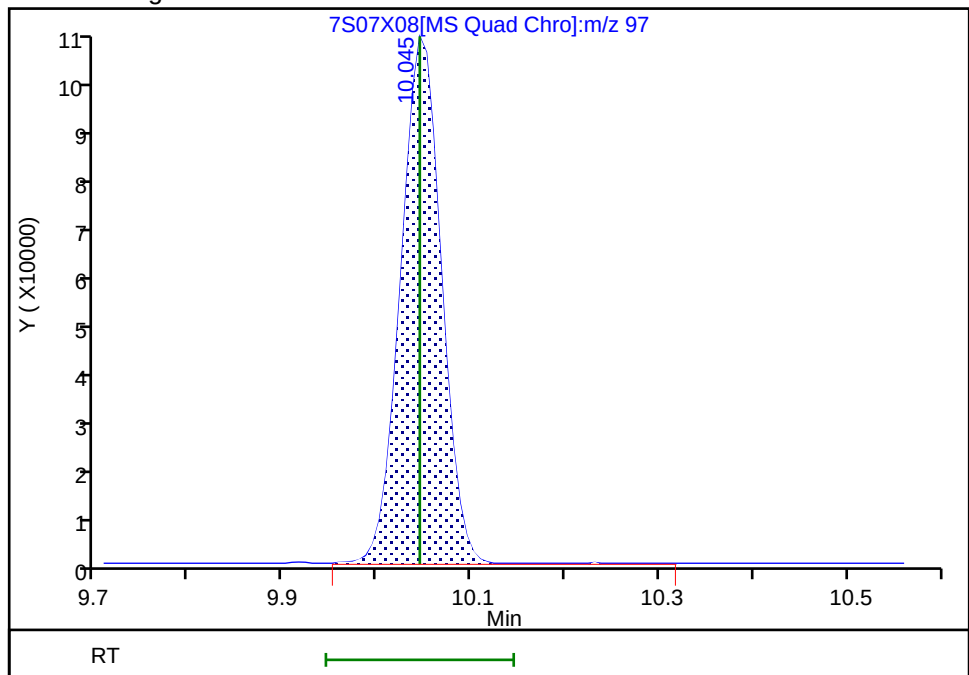
Signal: 1

Not Detected
Expected RT: 10.04

Processing Integration Results



Manual Integration Results



RT: 10.04
Area: 300739
Amount: 4.781160
Amount Units: ppb v/v

Reviewer: D7UM, 08-Sep-2025 15:03:46 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

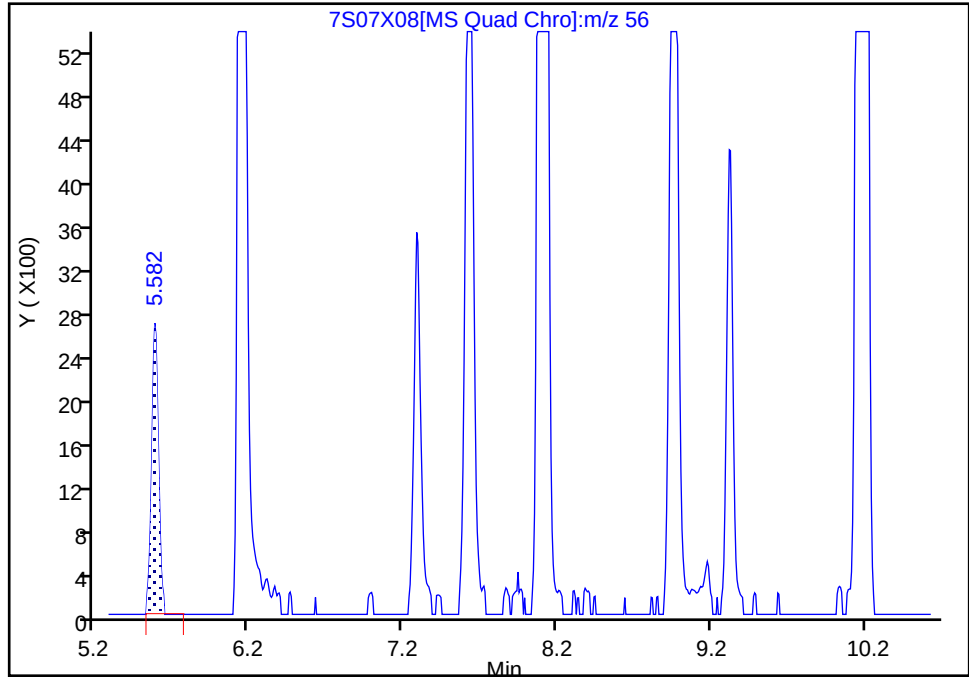
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

36 Cyclohexane, CAS: 110-82-7

Signal: 1

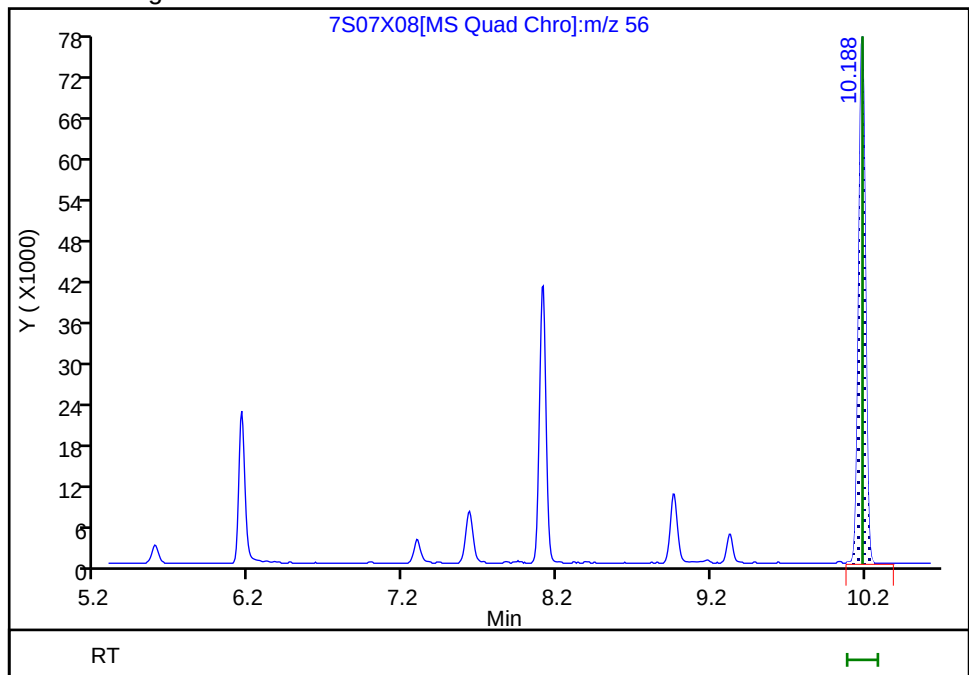
RT: 5.58
Area: 8276
Amount: 4.526039
Amount Units: ppb v/v

Processing Integration Results



RT: 10.19
Area: 236955
Amount: 4.765101
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 14:52:27 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

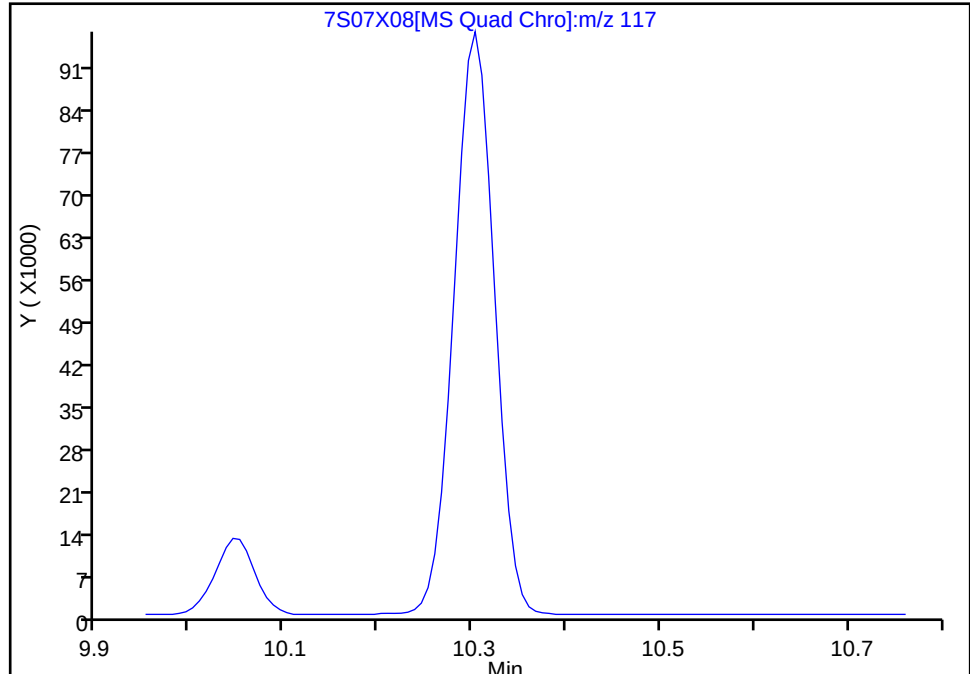
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

40 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

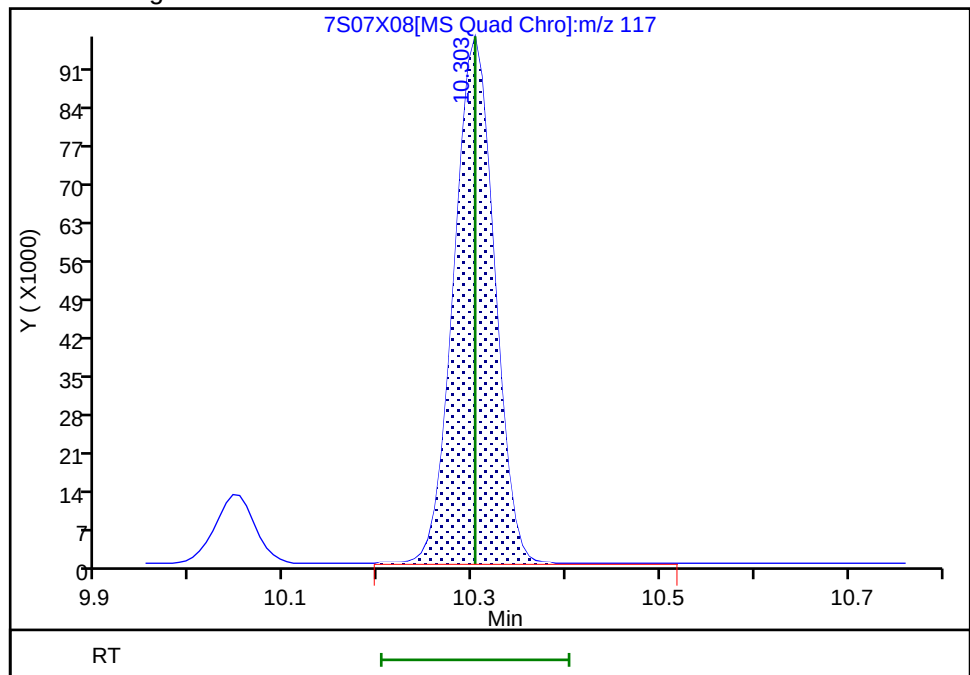
Not Detected
Expected RT: 10.30

Processing Integration Results



Manual Integration Results

RT: 10.30
Area: 289506
Amount: 4.972118
Amount Units: ppb v/v



Reviewer: D7UM, 08-Sep-2025 15:04:44 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

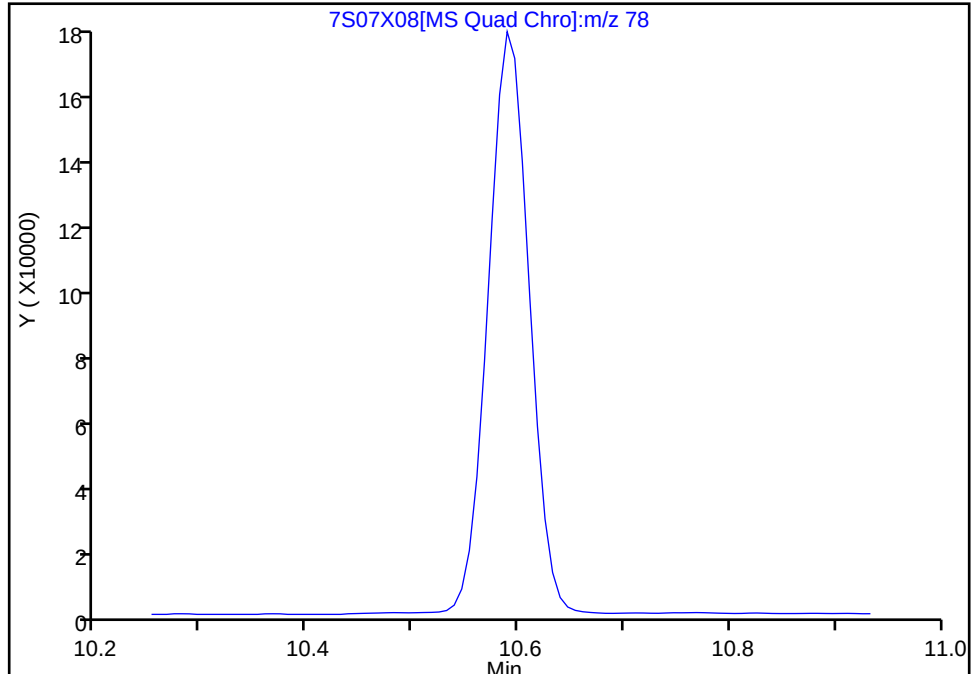
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

46 Benzene, CAS: 71-43-2

Signal: 1

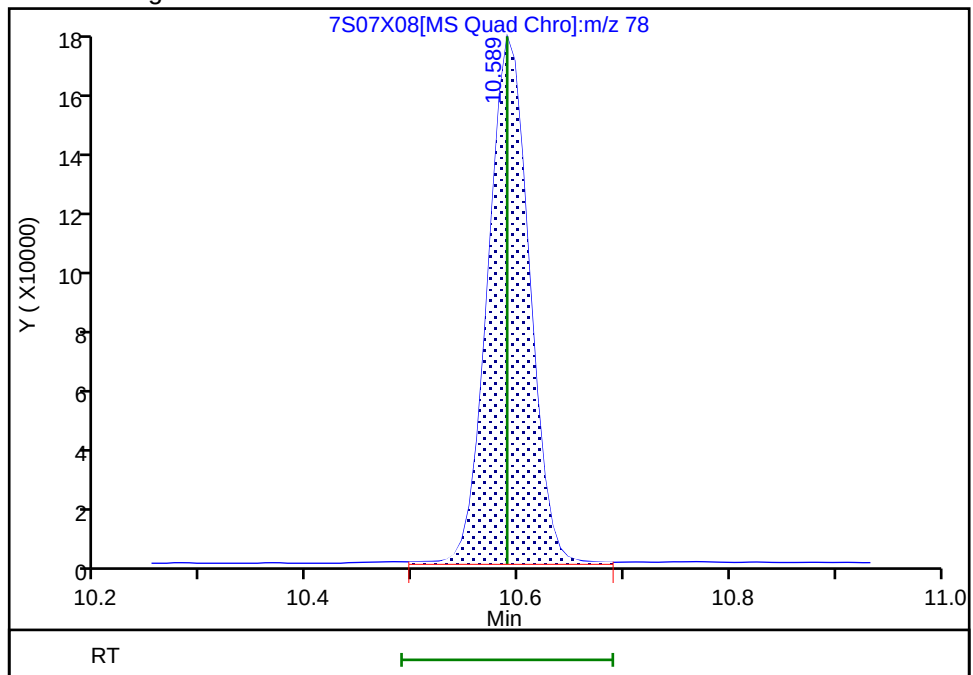
Not Detected
Expected RT: 10.59

Processing Integration Results



RT: 10.59
Area: 471430
Amount: 4.452807
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:04:53 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

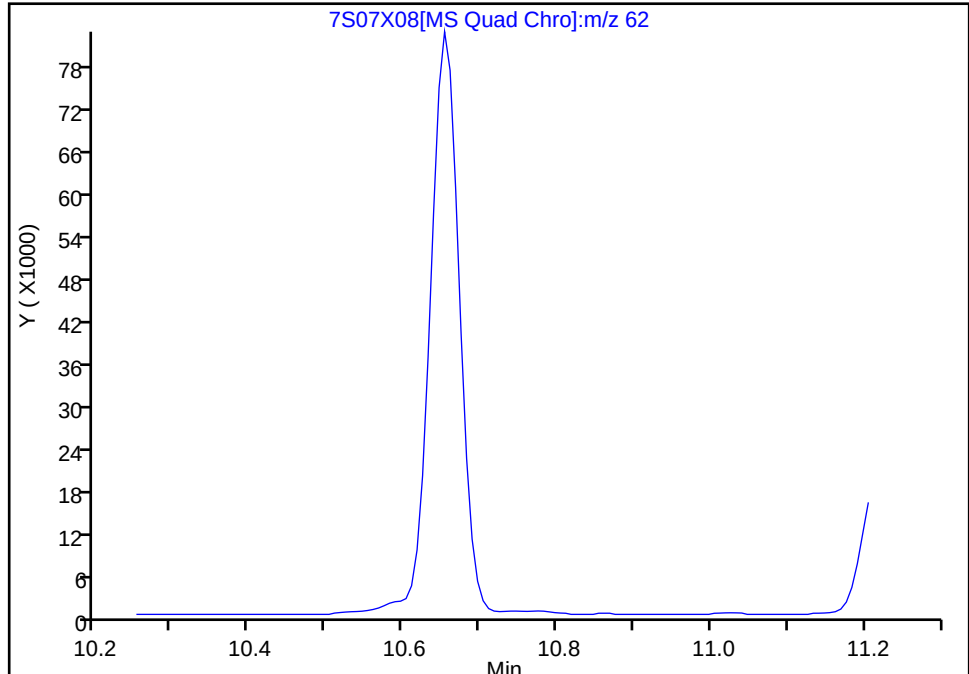
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

48 1,2-Dichloroethane, CAS: 107-06-2

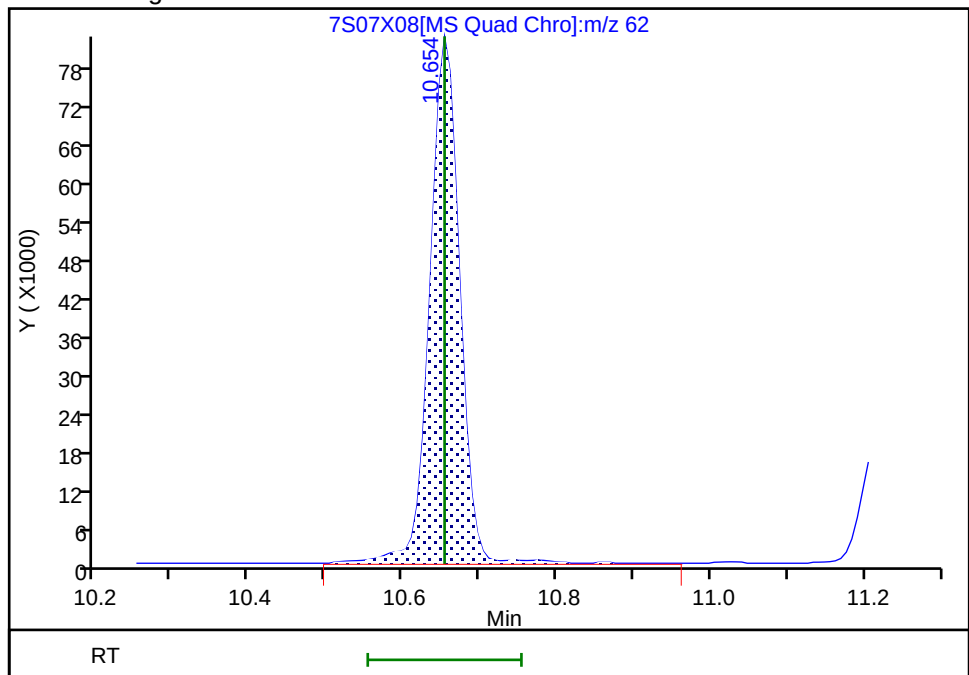
Signal: 1

Not Detected
Expected RT: 10.65

Processing Integration Results



Manual Integration Results



RT: 10.65
Area: 223073
Amount: 4.569044
Amount Units: ppb v/v

Reviewer: D7UM, 08-Sep-2025 14:53:07 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

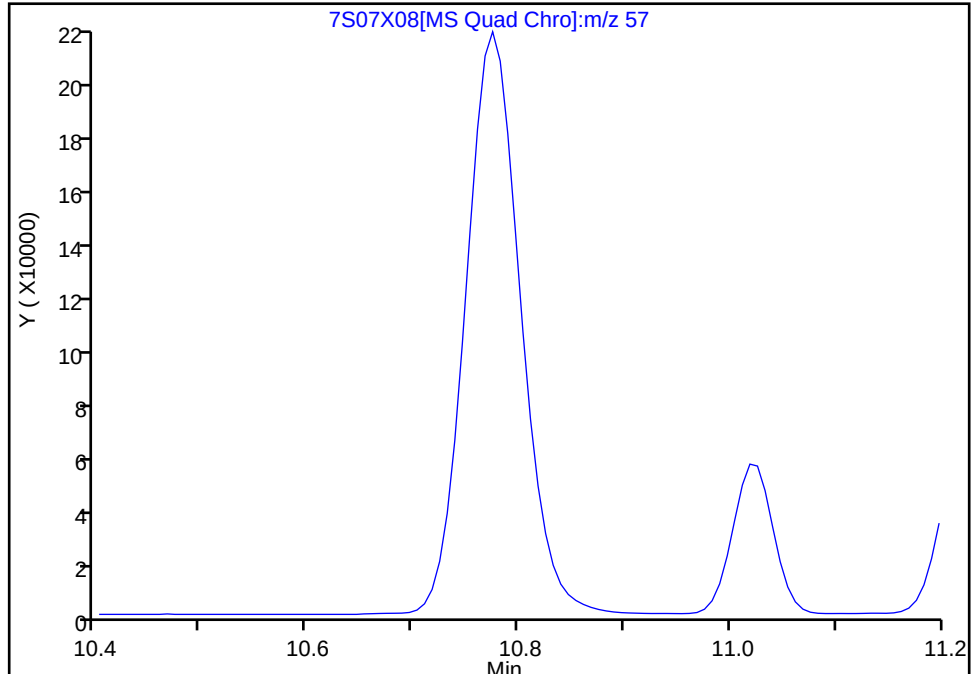
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

44 Isooctane, CAS: 540-84-1

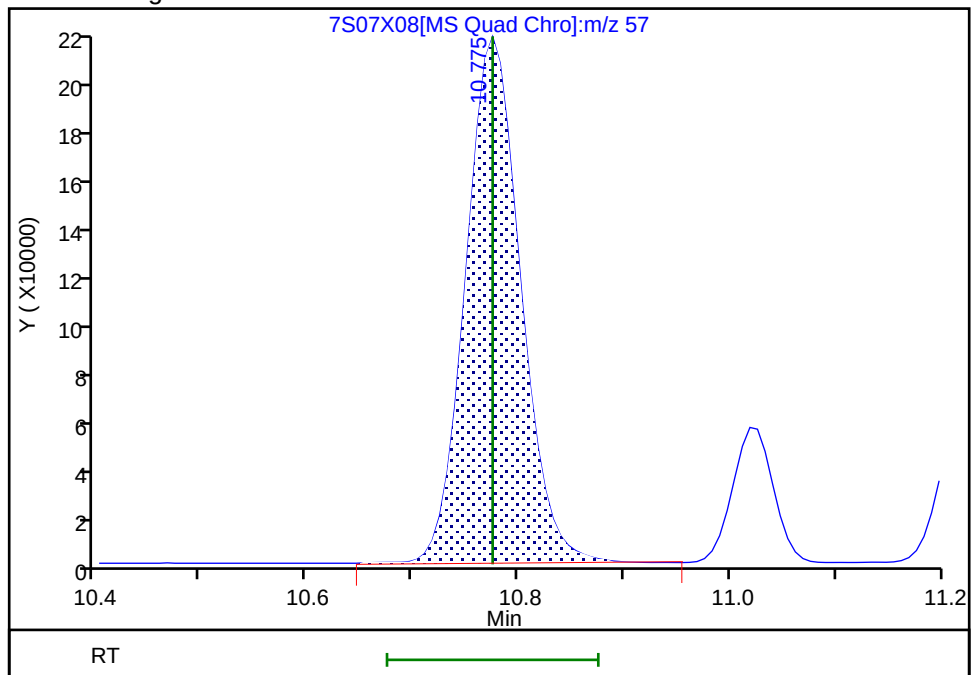
Signal: 1

Not Detected
Expected RT: 10.78

Processing Integration Results



Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 14:53:27 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

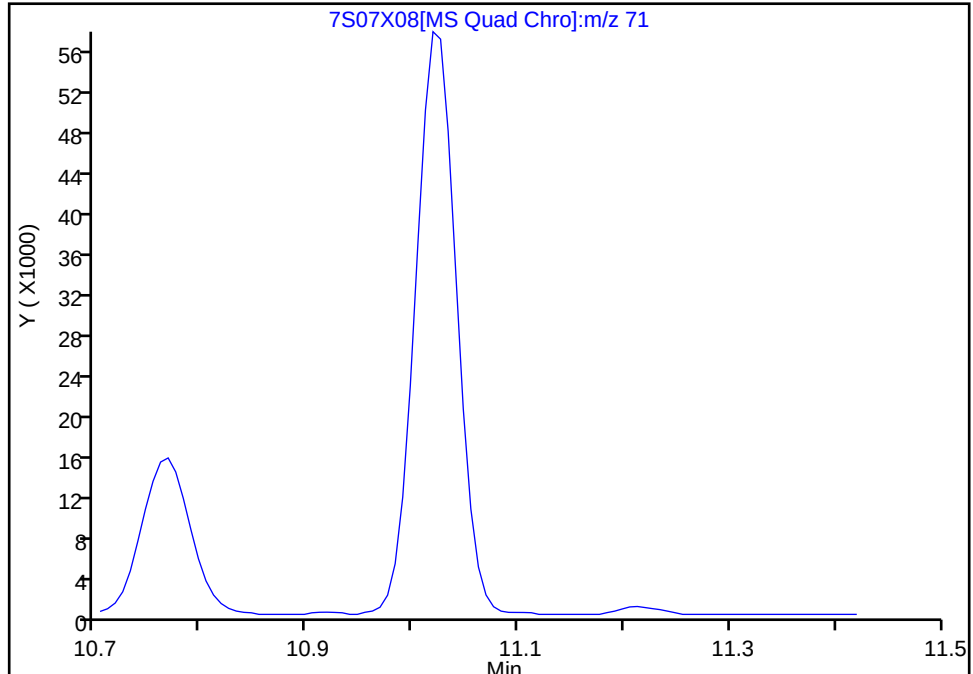
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

45 n-Heptane, CAS: 142-82-5

Signal: 1

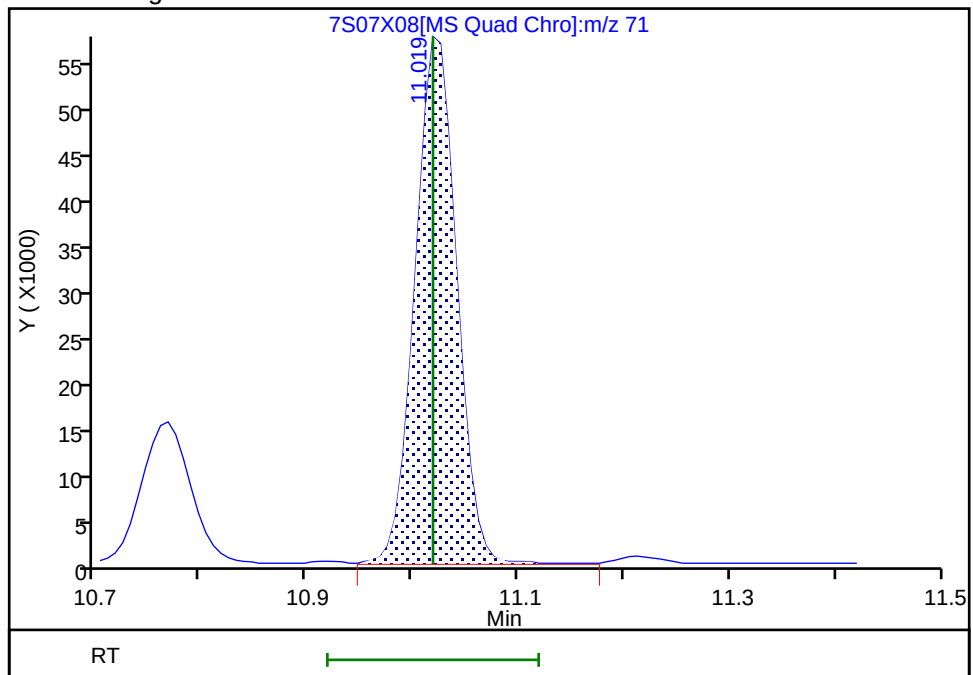
Not Detected
Expected RT: 11.02

Processing Integration Results



RT: 11.02
Area: 155949
Amount: 4.870439
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 14:54:00 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

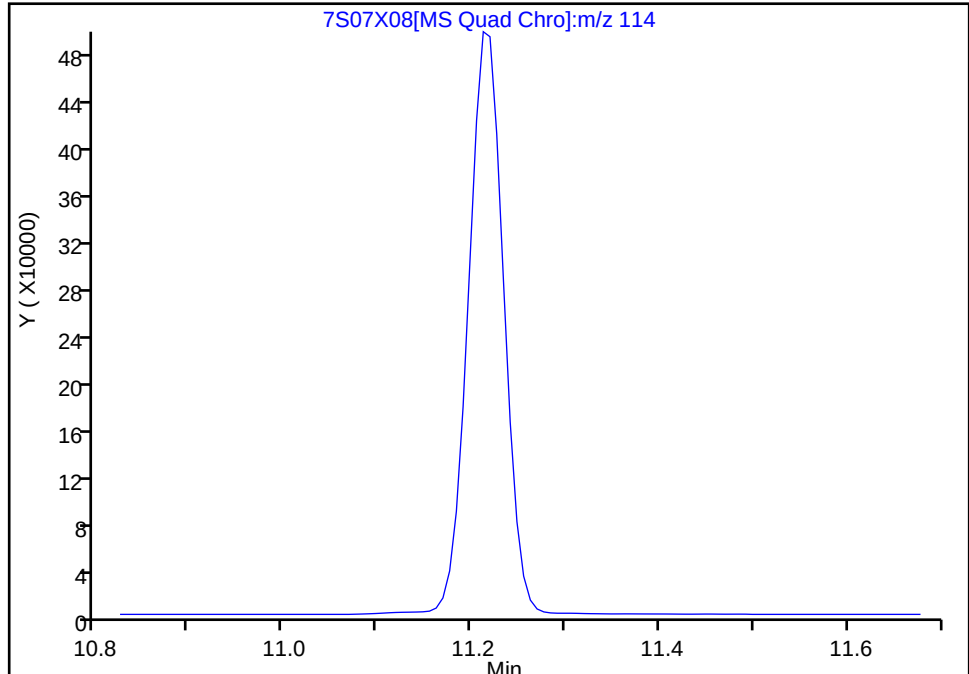
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

* 50 1,4-Difluorobenzene, CAS: 540-36-3

Signal: 1

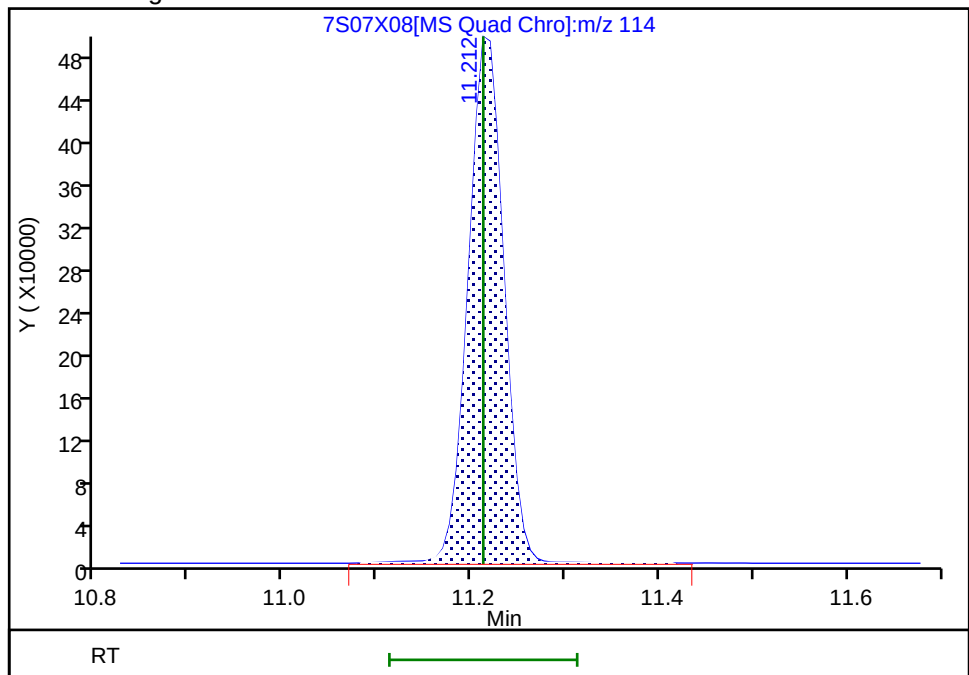
Not Detected
Expected RT: 11.21

Processing Integration Results



RT: 11.21
Area: 1309596
Amount: 10.000000
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:04:22 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

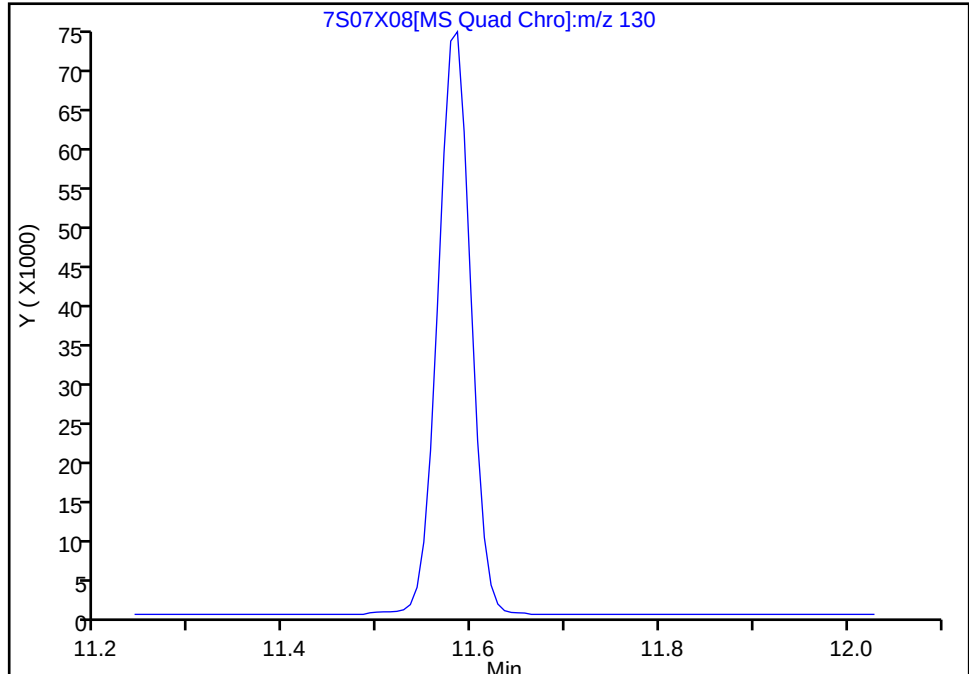
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

49 Trichloroethene, CAS: 79-01-6

Signal: 1

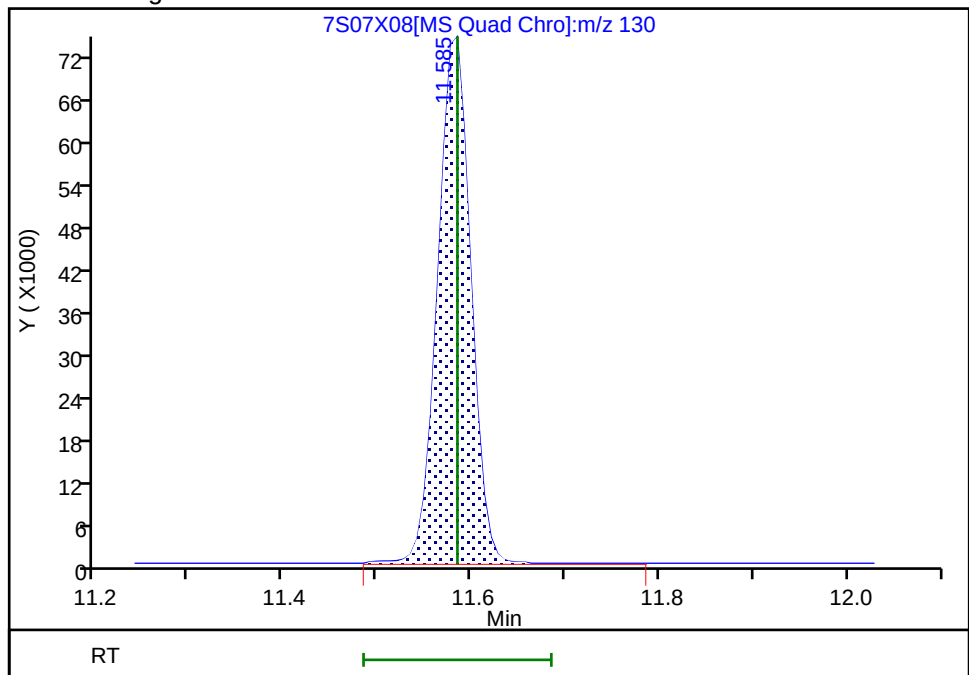
Not Detected
Expected RT: 11.58

Processing Integration Results



RT: 11.58
Area: 181252
Amount: 4.300321
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:05:41 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

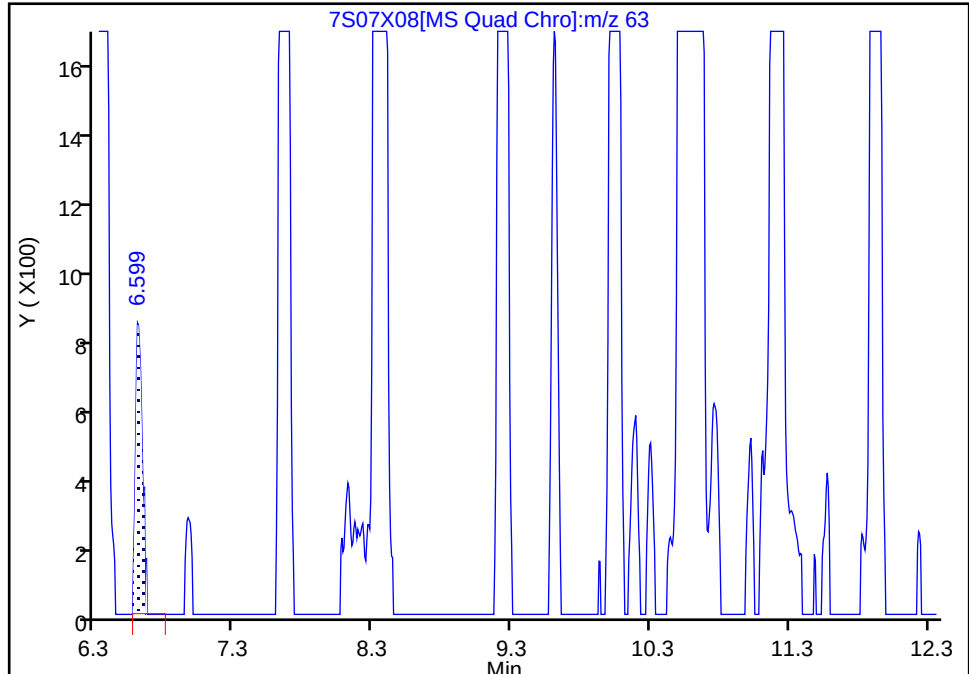
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

53 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

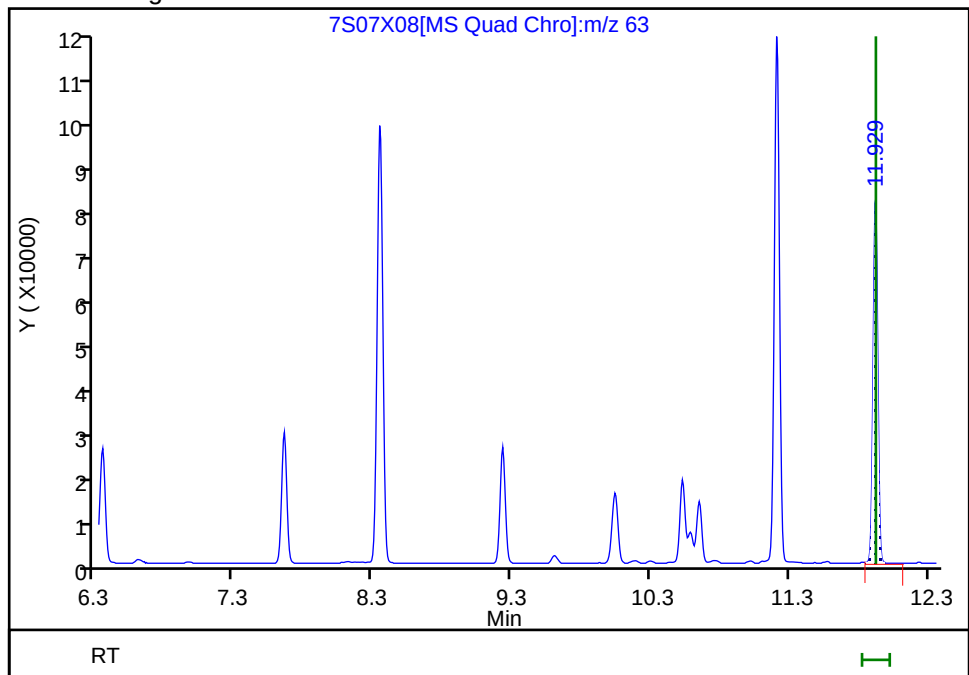
RT: 6.60
Area: 2858
Amount: 4.990048
Amount Units: ppb v/v

Processing Integration Results



RT: 11.93
Area: 199566
Amount: 4.528765
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 14:55:25 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

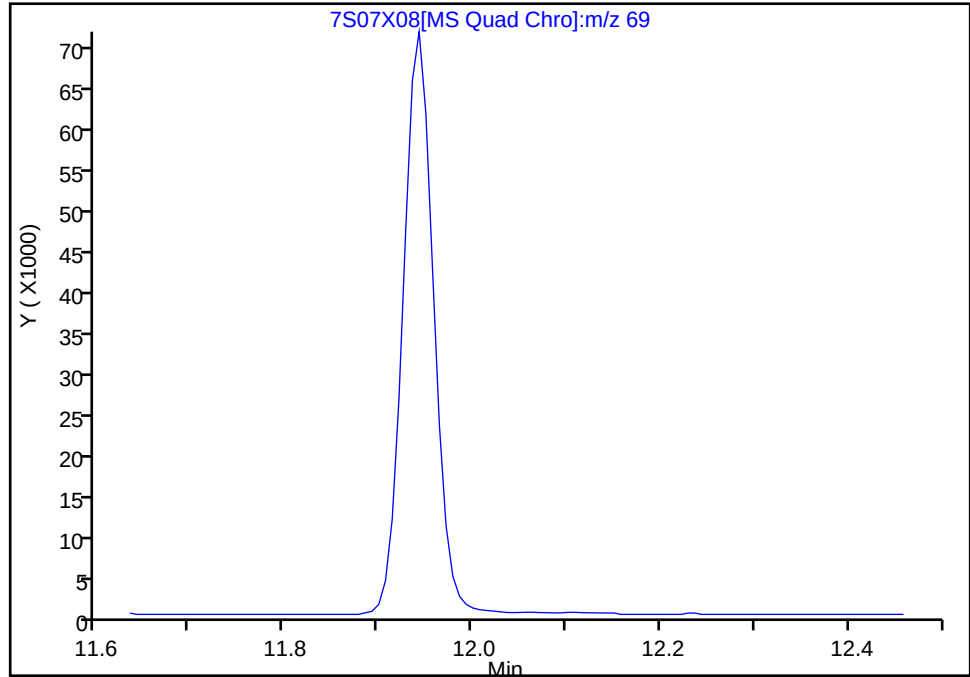
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

55 Methyl methacrylate, CAS: 80-62-6

Signal: 1

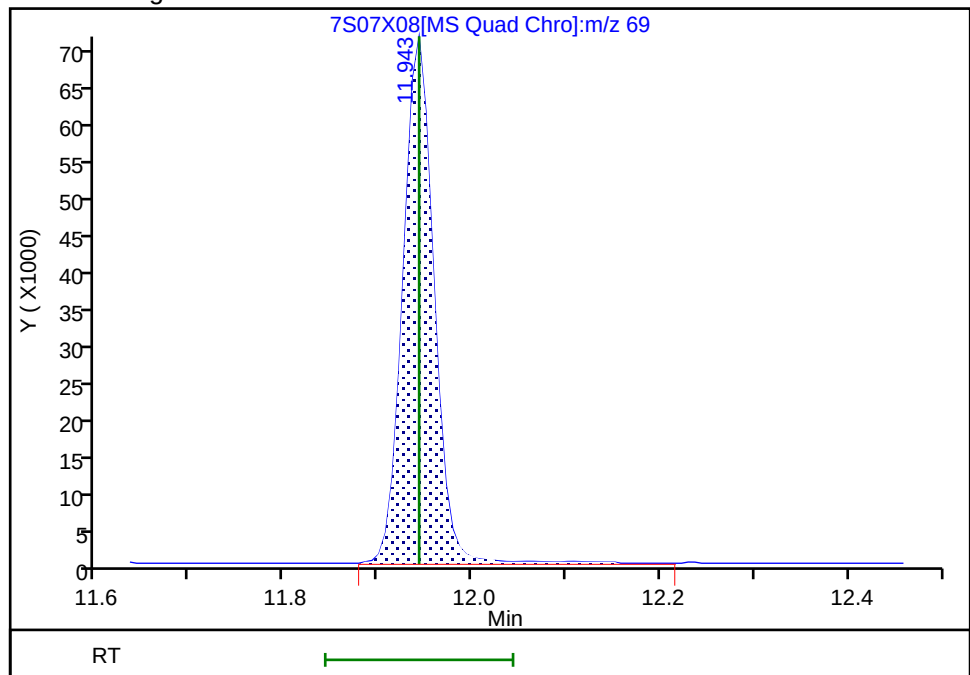
Not Detected
Expected RT: 11.94

Processing Integration Results



RT: 11.94
Area: 163208
Amount: 4.879998
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:05:59 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

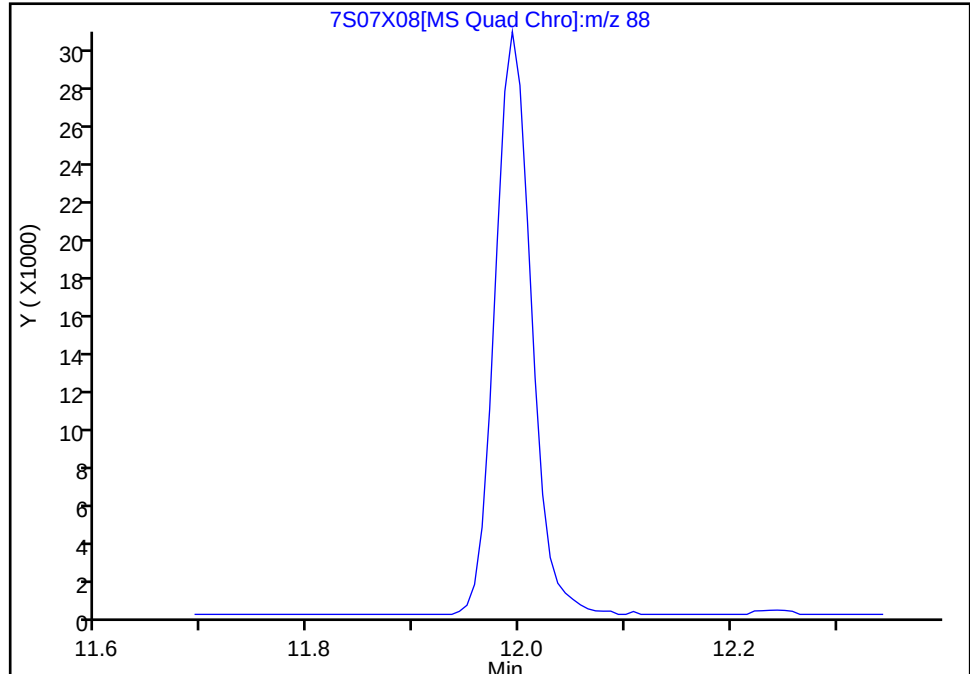
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

56 1,4-Dioxane, CAS: 123-91-1

Signal: 1

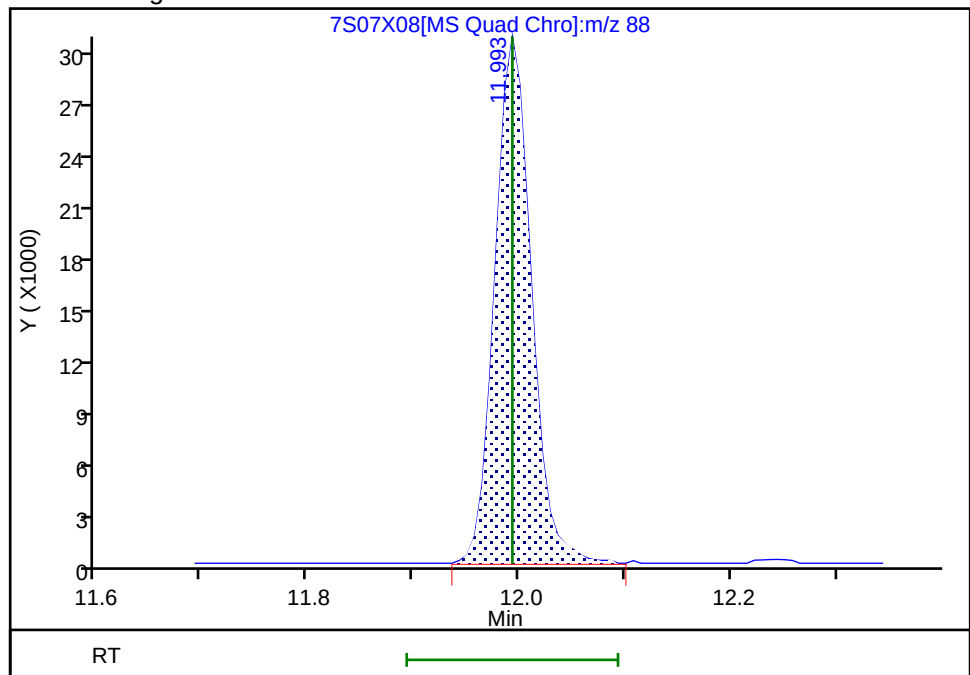
Not Detected
Expected RT: 11.99

Processing Integration Results



Manual Integration Results

RT: 11.99
Area: 73081
Amount: 5.107661
Amount Units: ppb v/v



Reviewer: D7UM, 10-Sep-2025 10:03:52 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

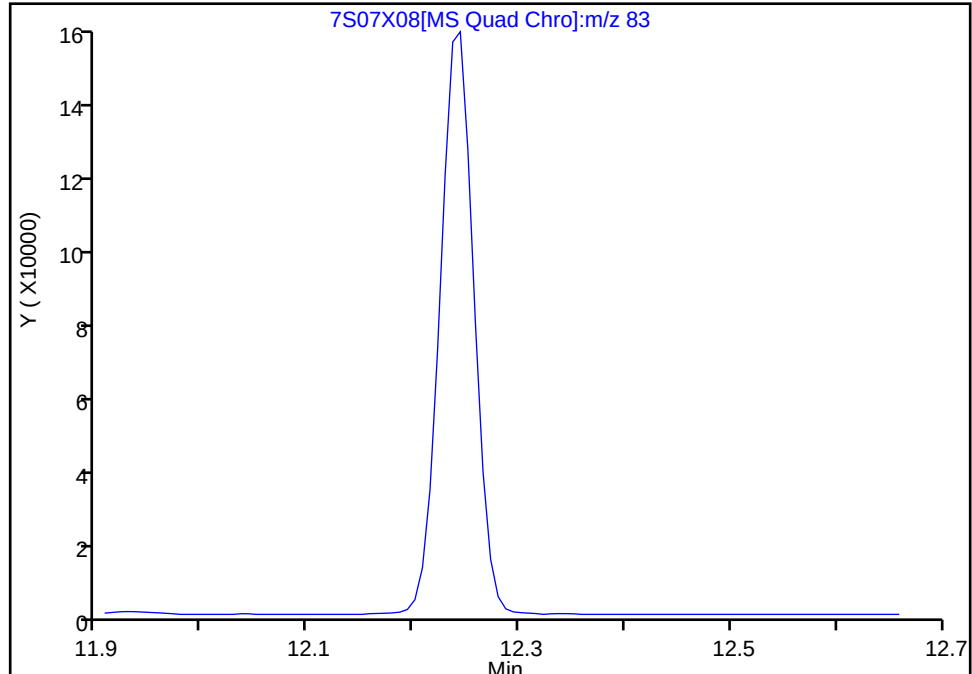
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

54 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

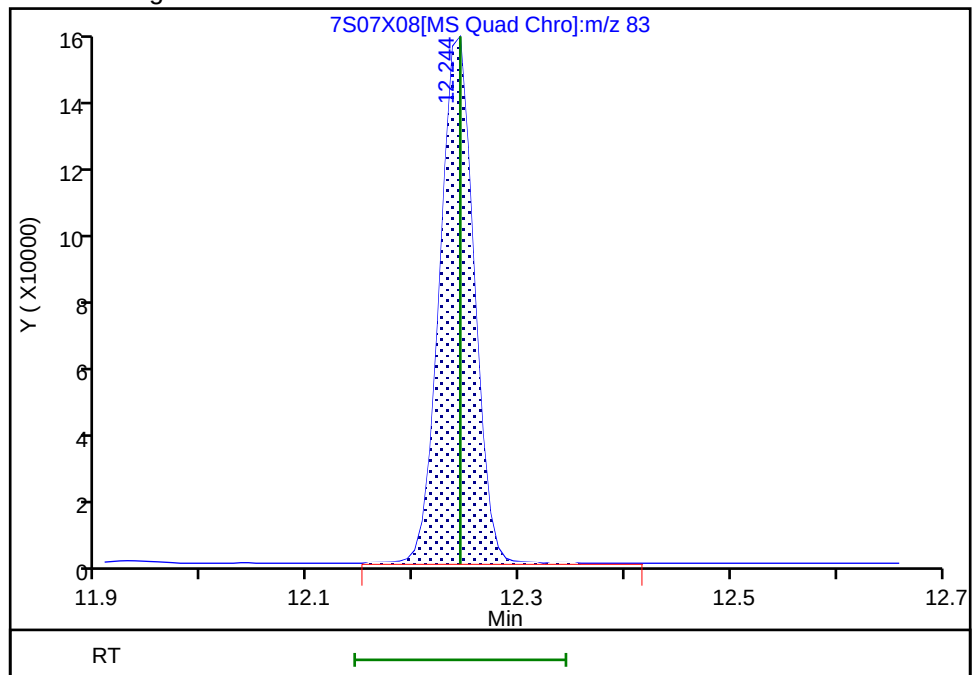
Not Detected
Expected RT: 12.24

Processing Integration Results



RT: 12.24
Area: 352583
Amount: 4.569303
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:06:59 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

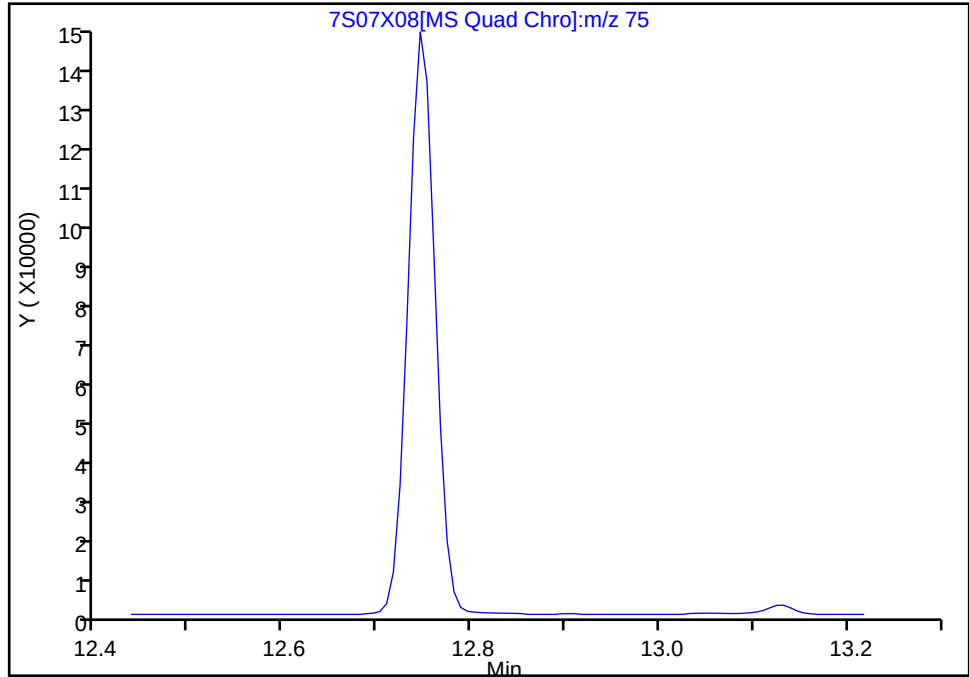
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

57 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

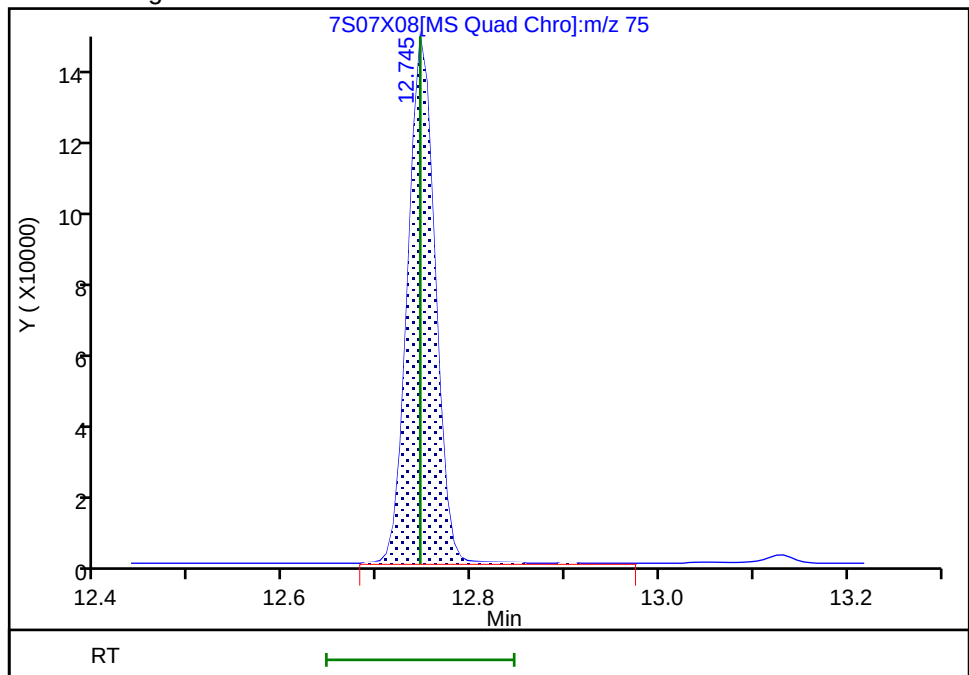
Not Detected
Expected RT: 12.75

Processing Integration Results



RT: 12.75
Area: 287802
Amount: 4.642288
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:07:09 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

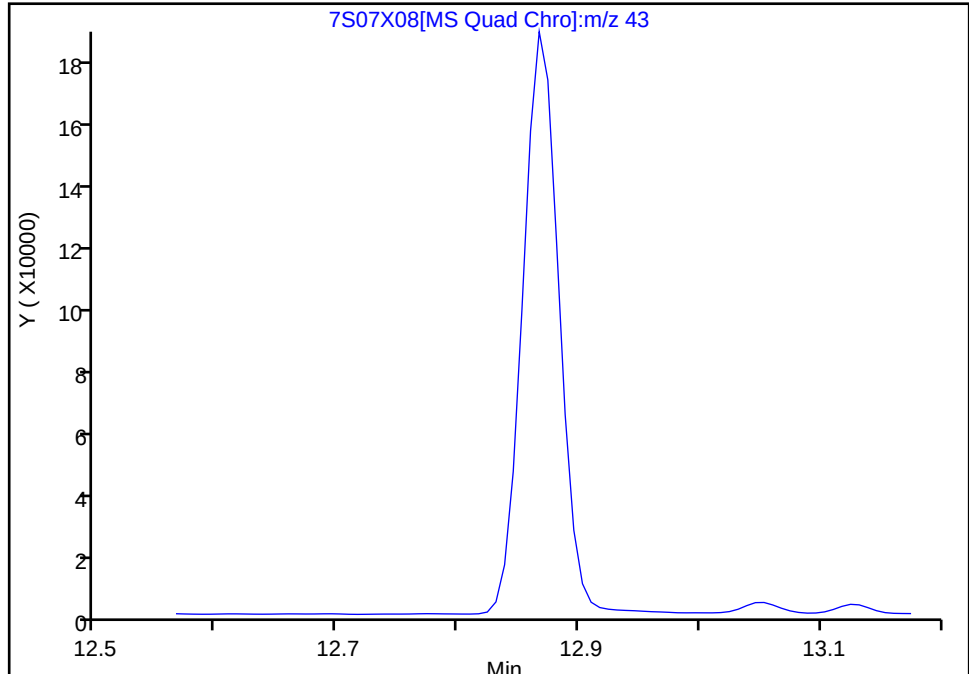
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

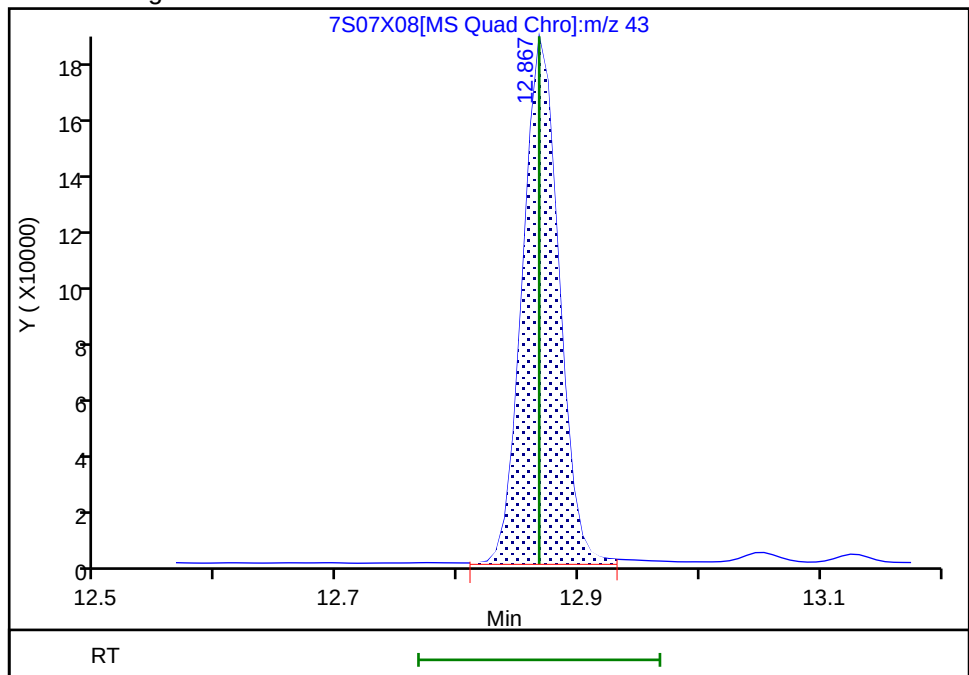
Not Detected
Expected RT: 12.87

Processing Integration Results



RT: 12.87
Area: 394889
Amount: 4.842277
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 10:04:02 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

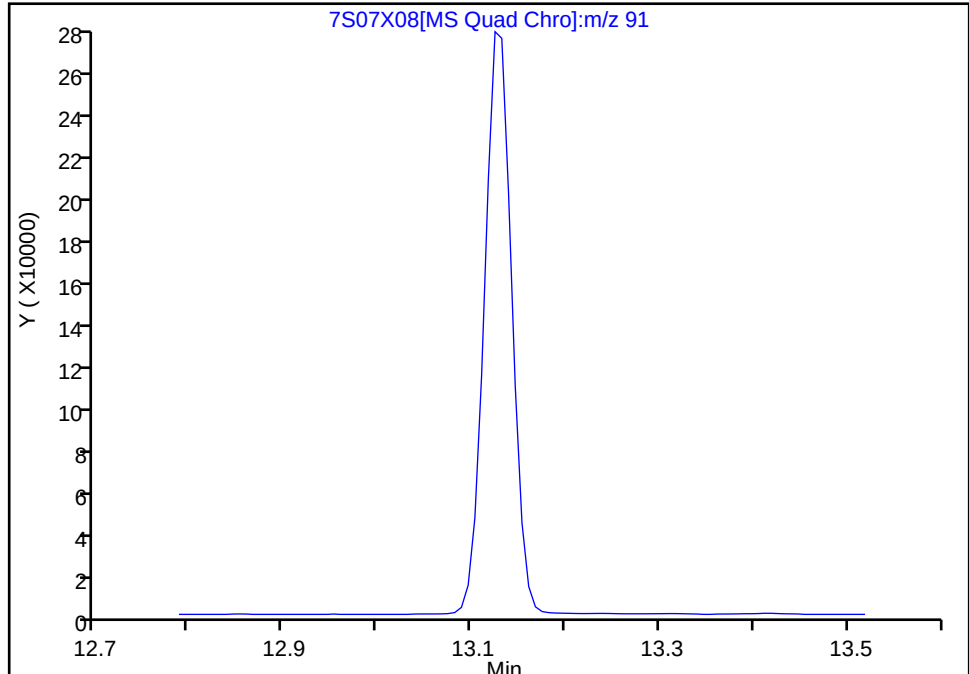
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

59 Toluene, CAS: 108-88-3

Signal: 1

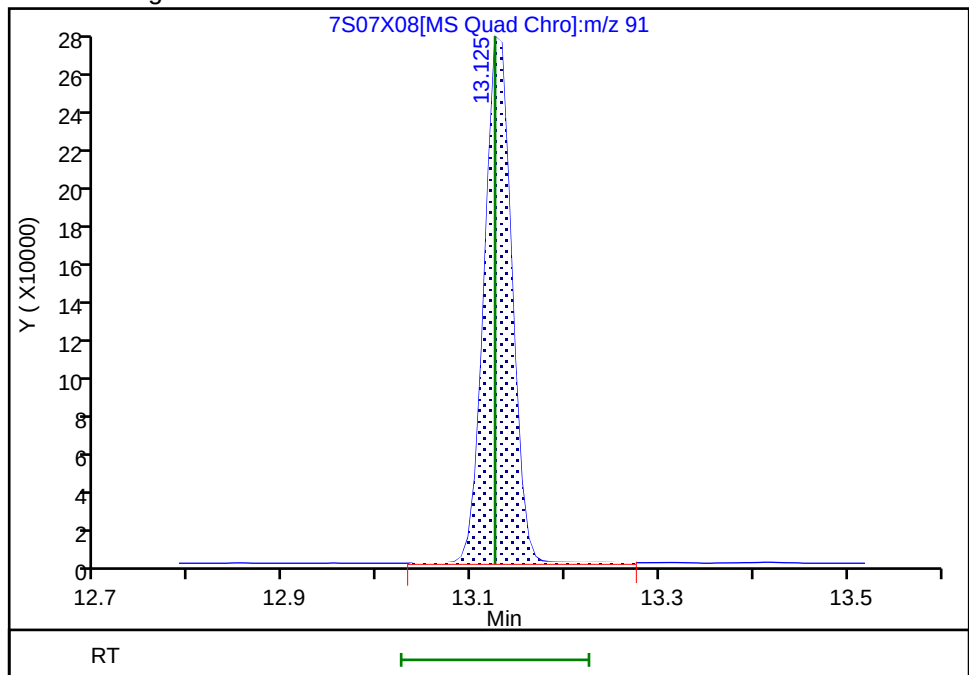
Not Detected
Expected RT: 13.12

Processing Integration Results



RT: 13.12
Area: 566915
Amount: 4.623021
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:07:19 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

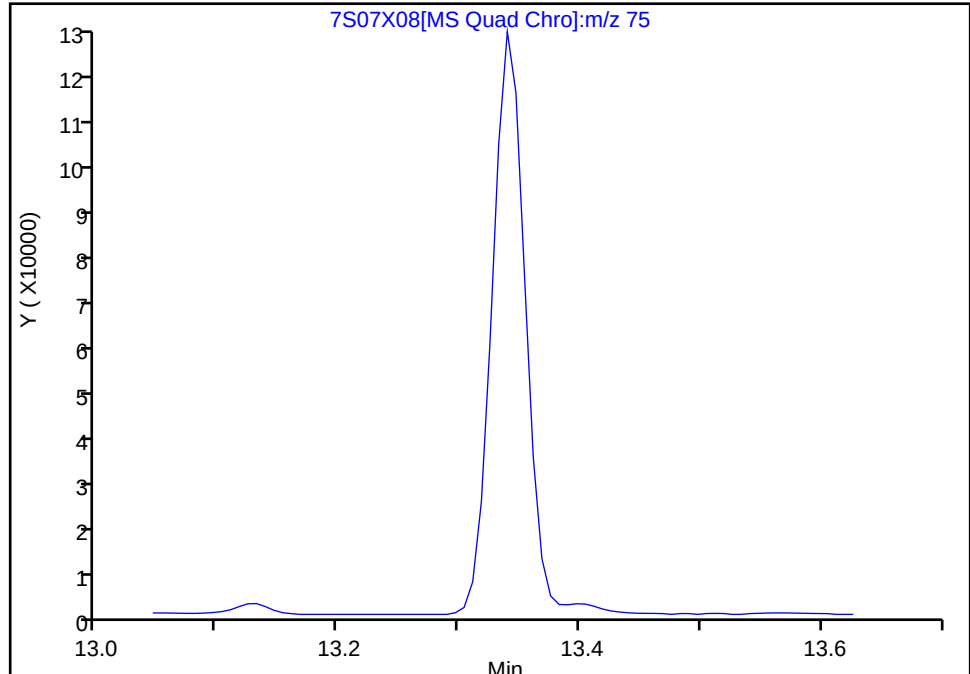
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

62 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

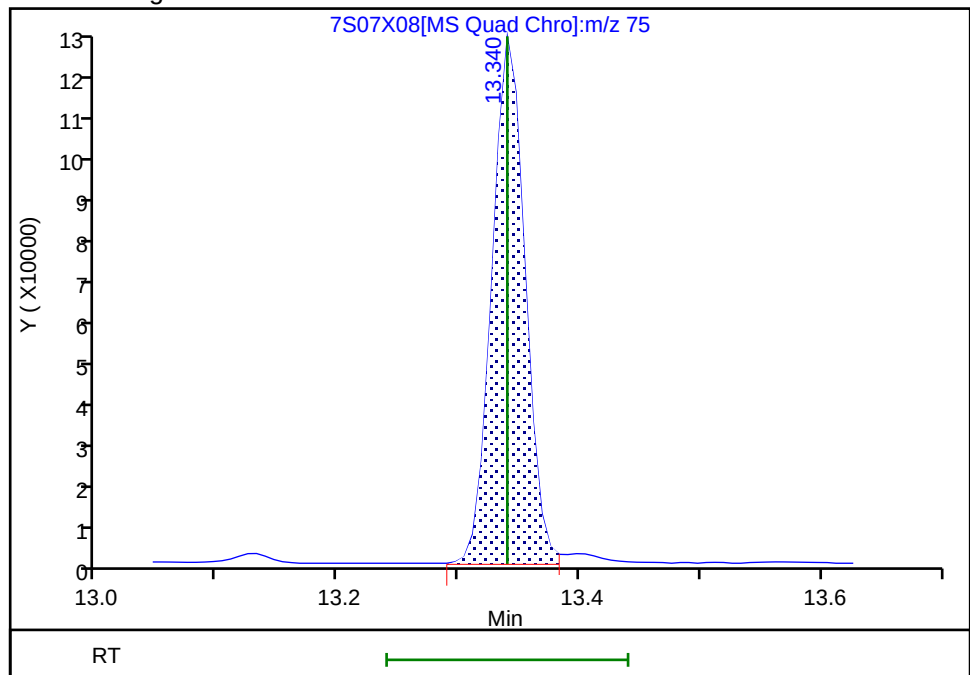
Not Detected
Expected RT: 13.34

Processing Integration Results



RT: 13.34
Area: 229179
Amount: 4.660671
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:20:49 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

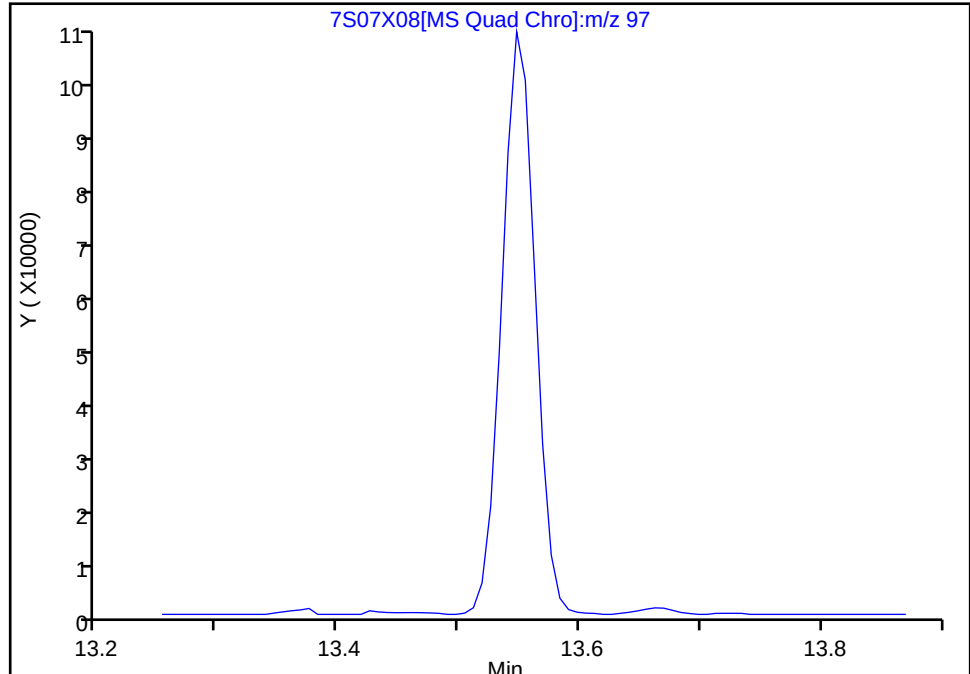
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

64 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

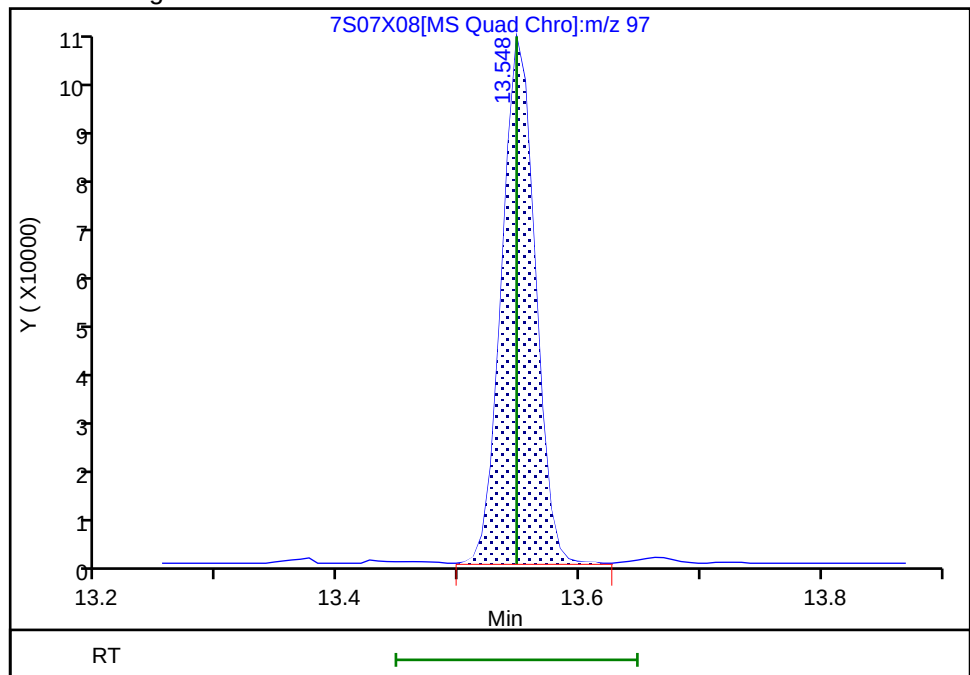
Not Detected
Expected RT: 13.55

Processing Integration Results



RT: 13.55
Area: 200482
Amount: 4.868763
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:08:00 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

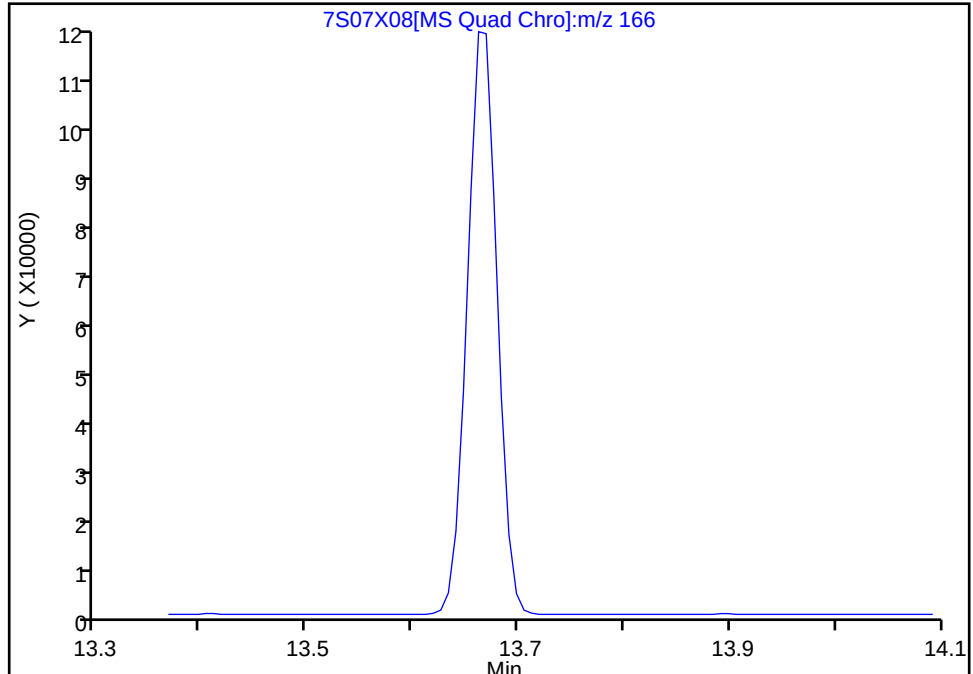
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

61 Tetrachloroethene, CAS: 127-18-4

Signal: 1

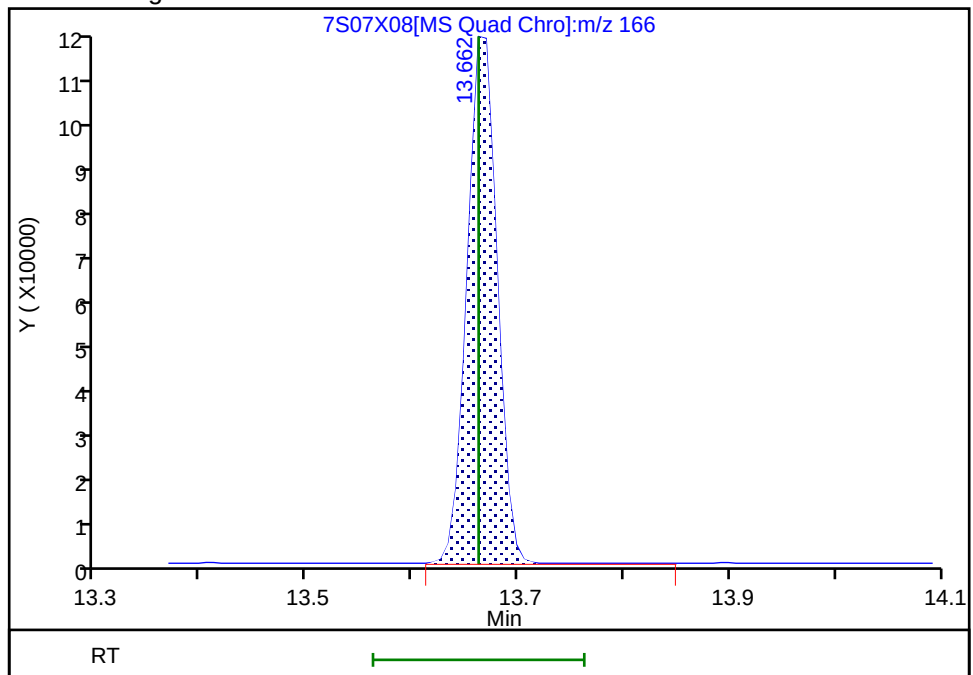
Not Detected
Expected RT: 13.66

Processing Integration Results



RT: 13.66
Area: 231168
Amount: 4.375089
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:08:14 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

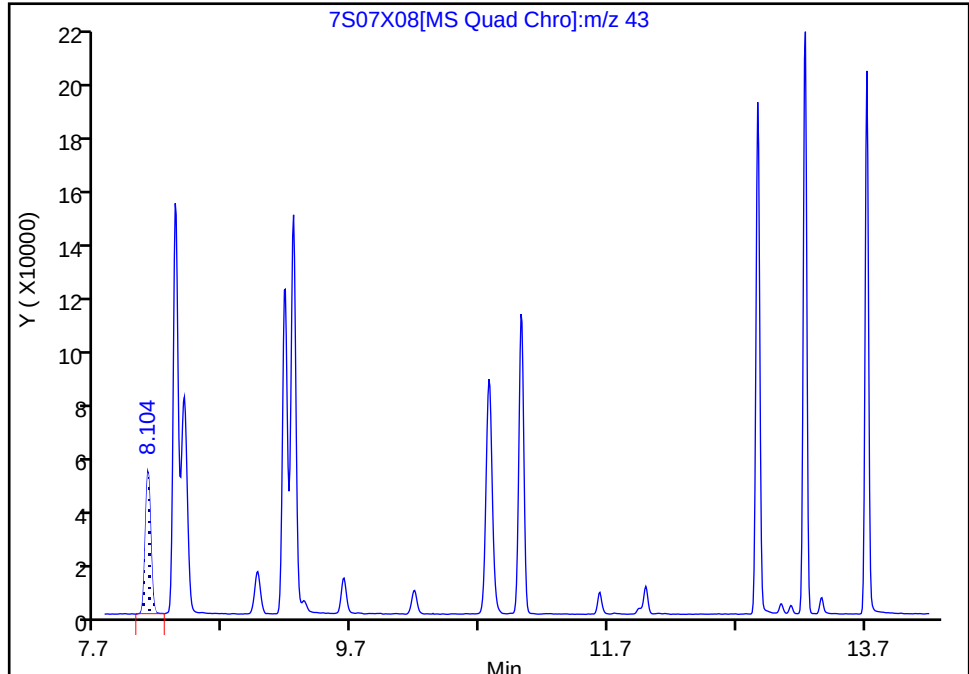
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

67 2-Hexanone, CAS: 591-78-6

Signal: 1

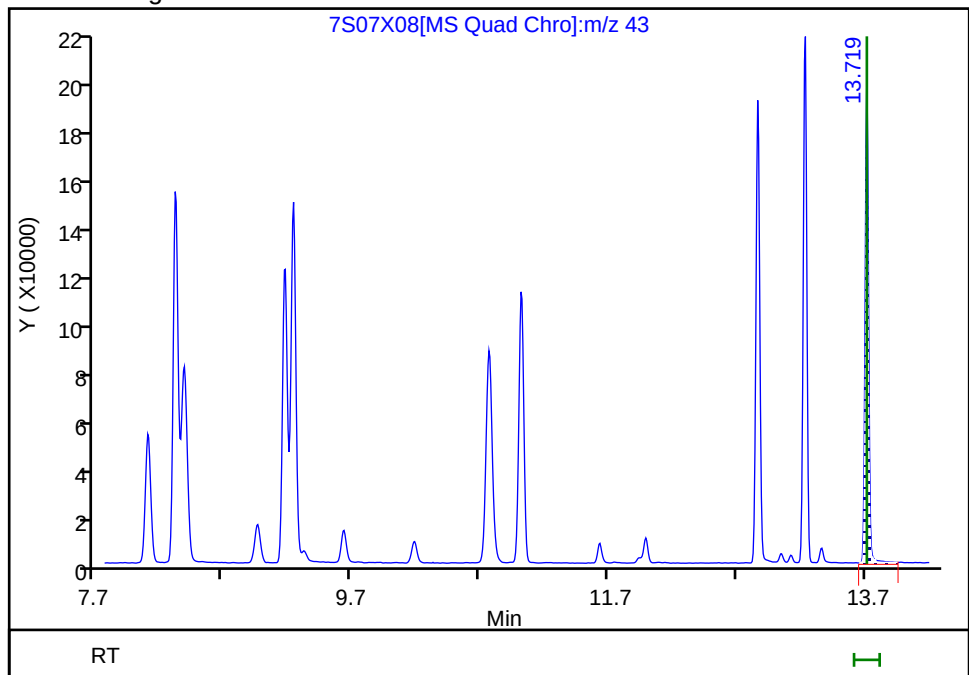
RT: 8.10
Area: 158505
Amount: 3.812941
Amount Units: ppb v/v

Processing Integration Results



RT: 13.72
Area: 385122
Amount: 5.156134
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 14:56:34 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

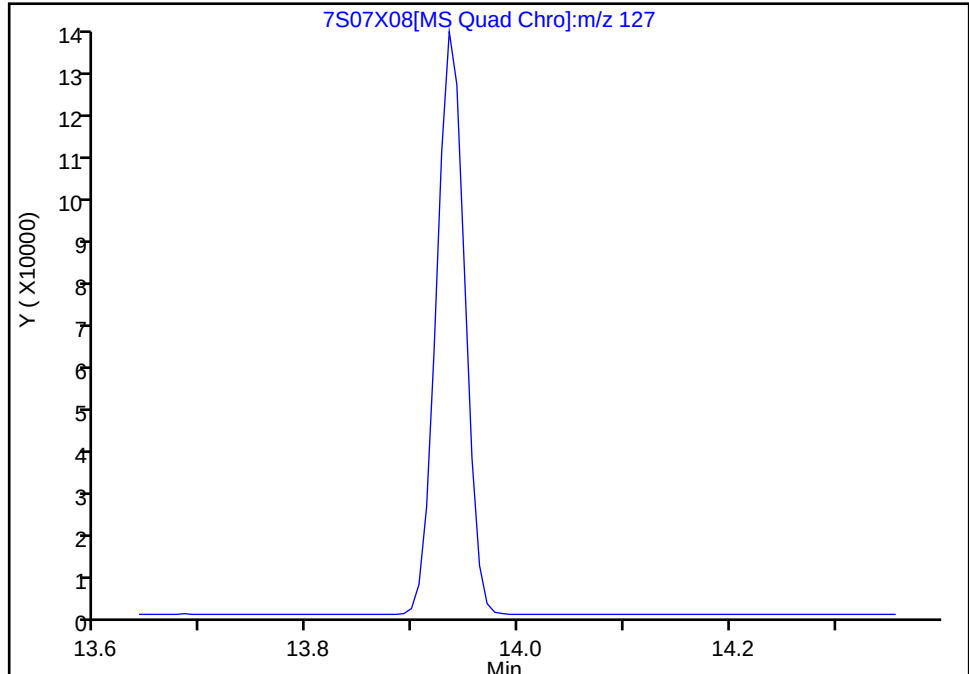
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

65 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

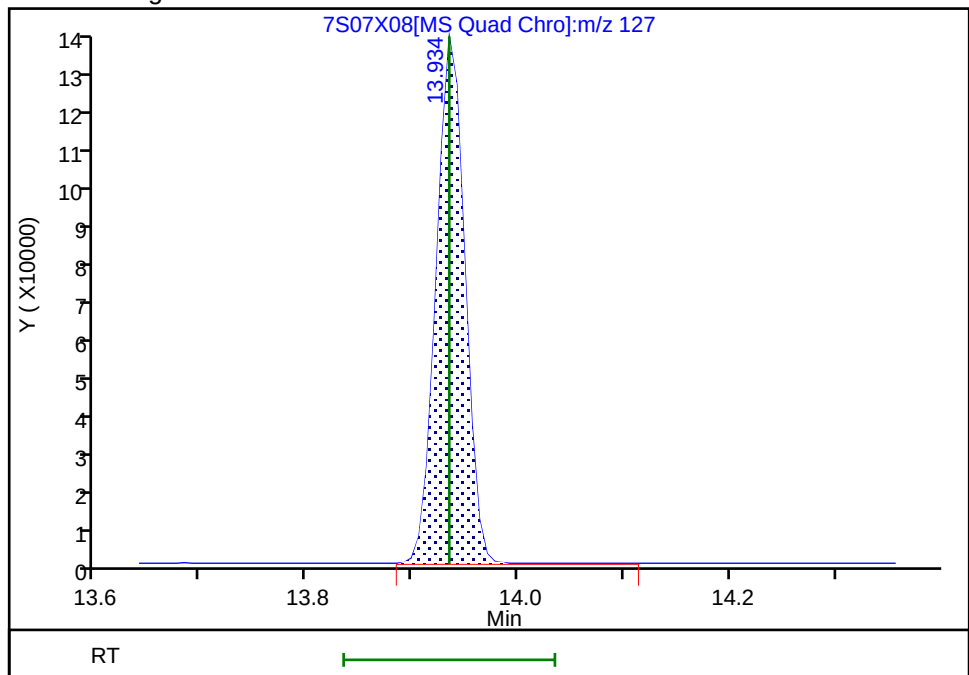
Not Detected
Expected RT: 13.93

Processing Integration Results



RT: 13.93
Area: 251797
Amount: 4.759059
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 14:56:58 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

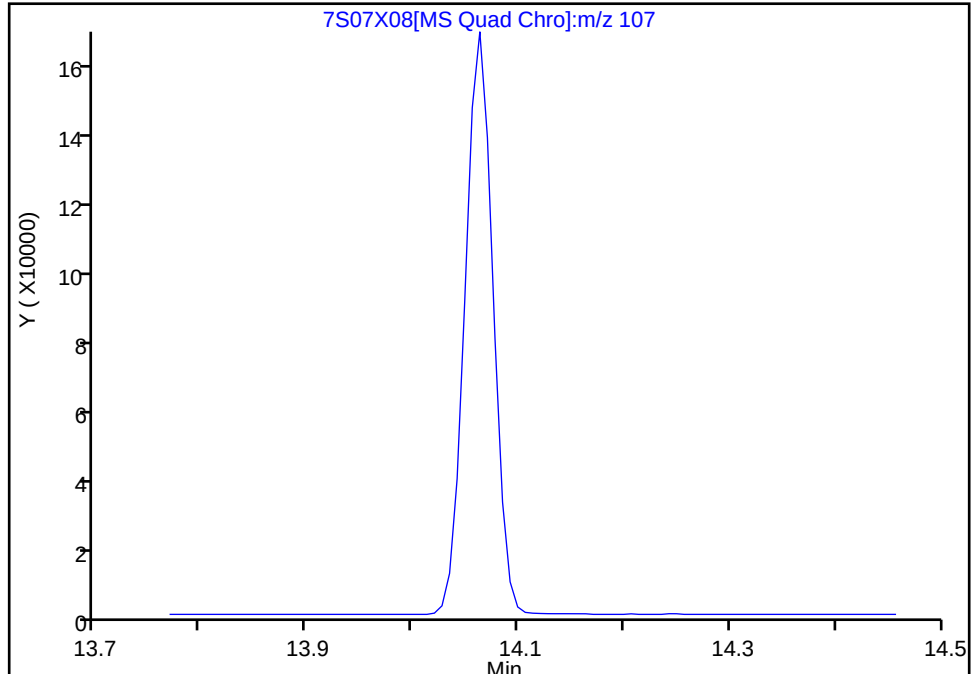
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

66 Ethylene Dibromide, CAS: 106-93-4

Signal: 1

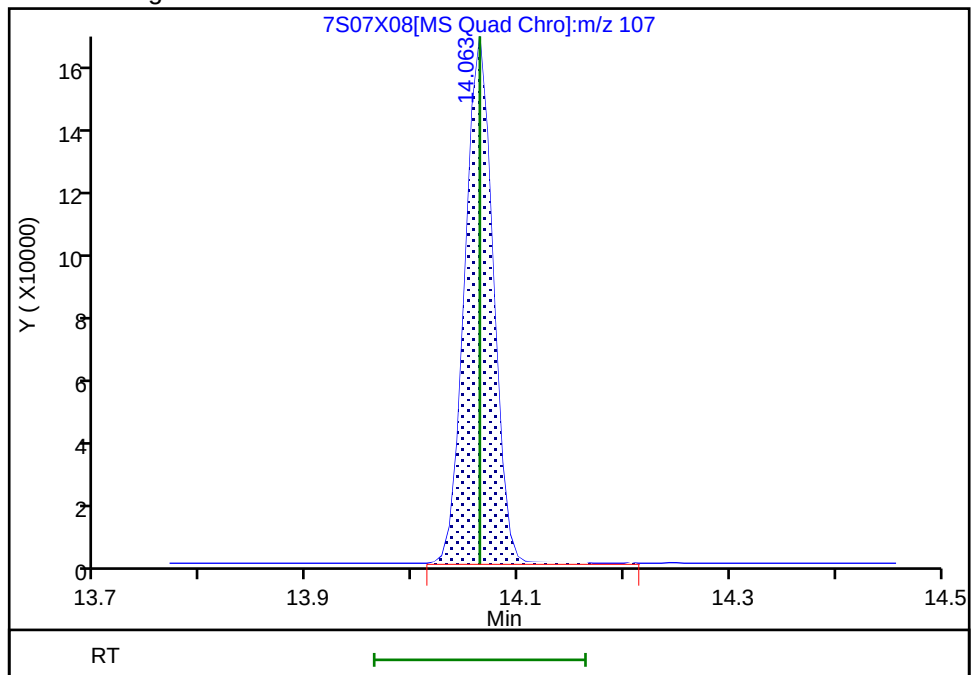
Not Detected
Expected RT: 14.06

Processing Integration Results



RT: 14.06
Area: 296544
Amount: 4.801166
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:08:26 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

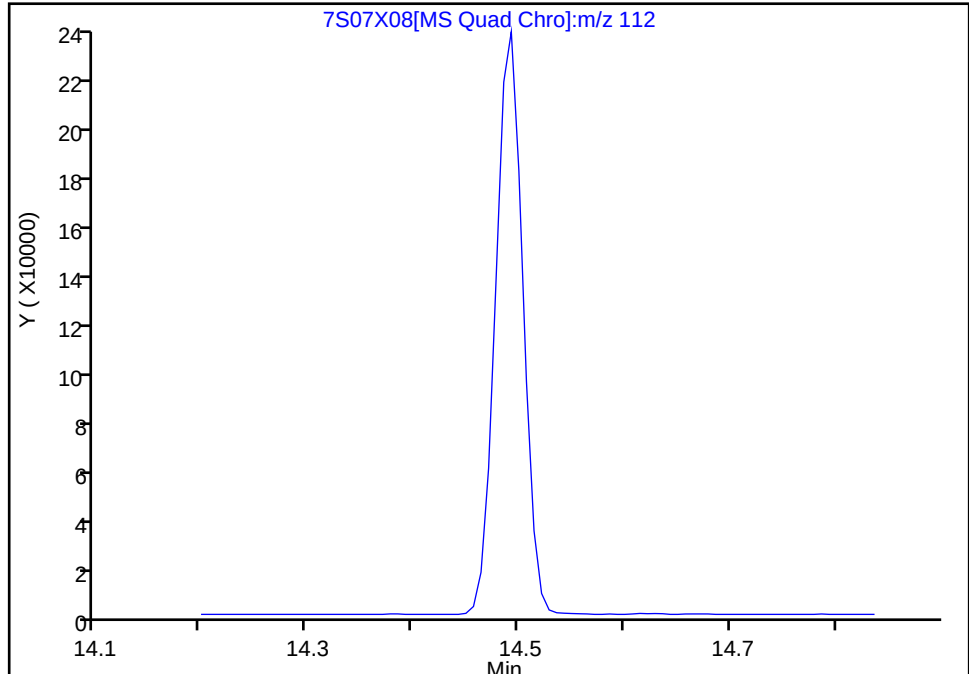
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

69 Chlorobenzene, CAS: 108-90-7

Signal: 1

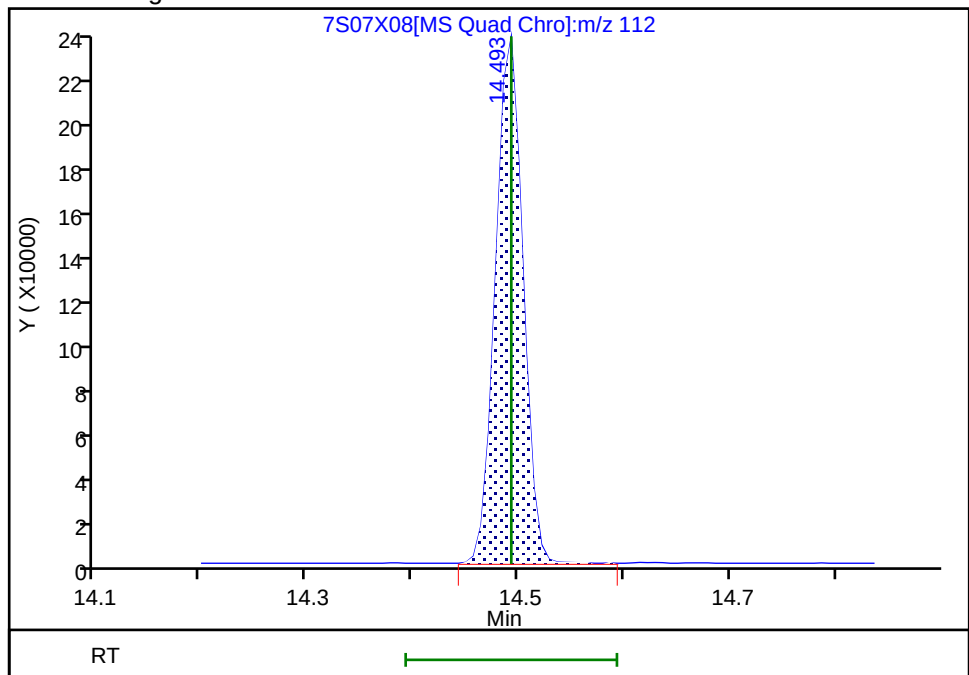
Not Detected
Expected RT: 14.49

Processing Integration Results



RT: 14.49
Area: 416208
Amount: 4.482000
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:08:43 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

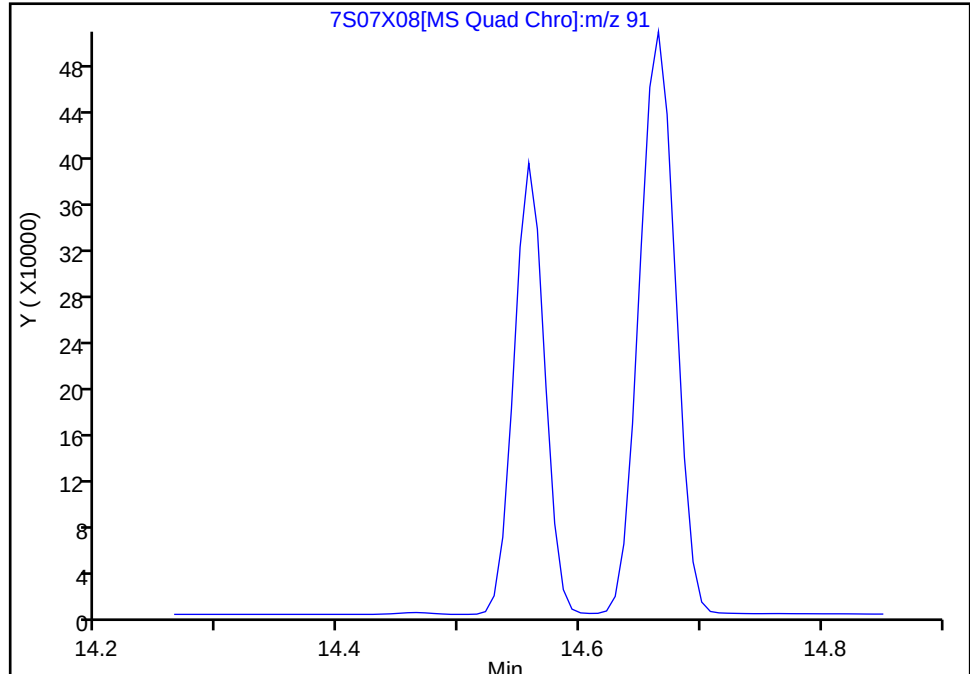
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

70 Ethylbenzene, CAS: 100-41-4

Signal: 1

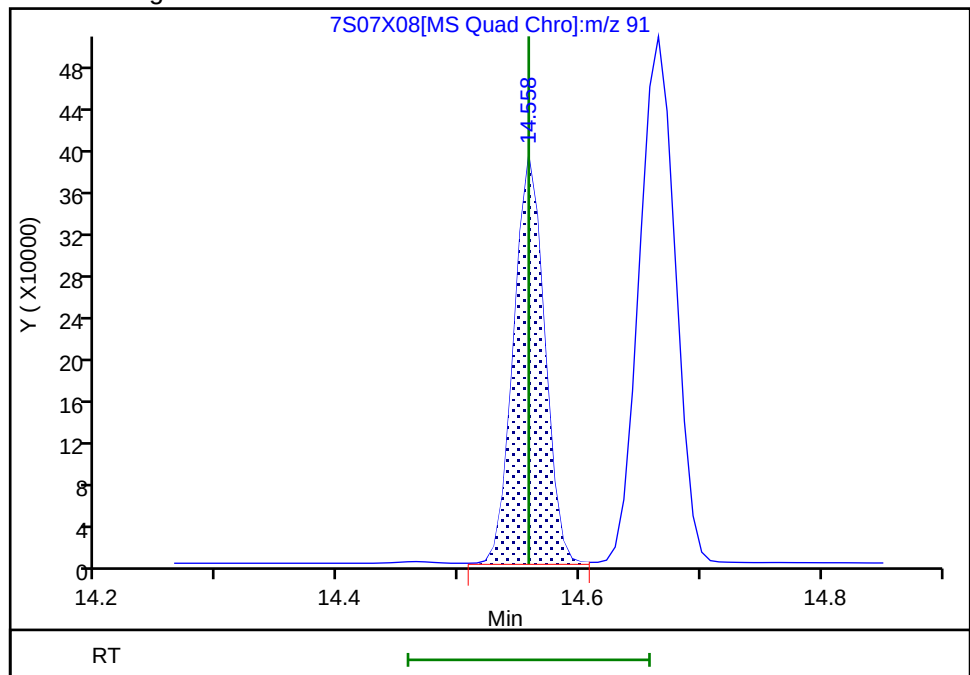
Not Detected
Expected RT: 14.56

Processing Integration Results



RT: 14.56
Area: 694330
Amount: 4.689536
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:09:44 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

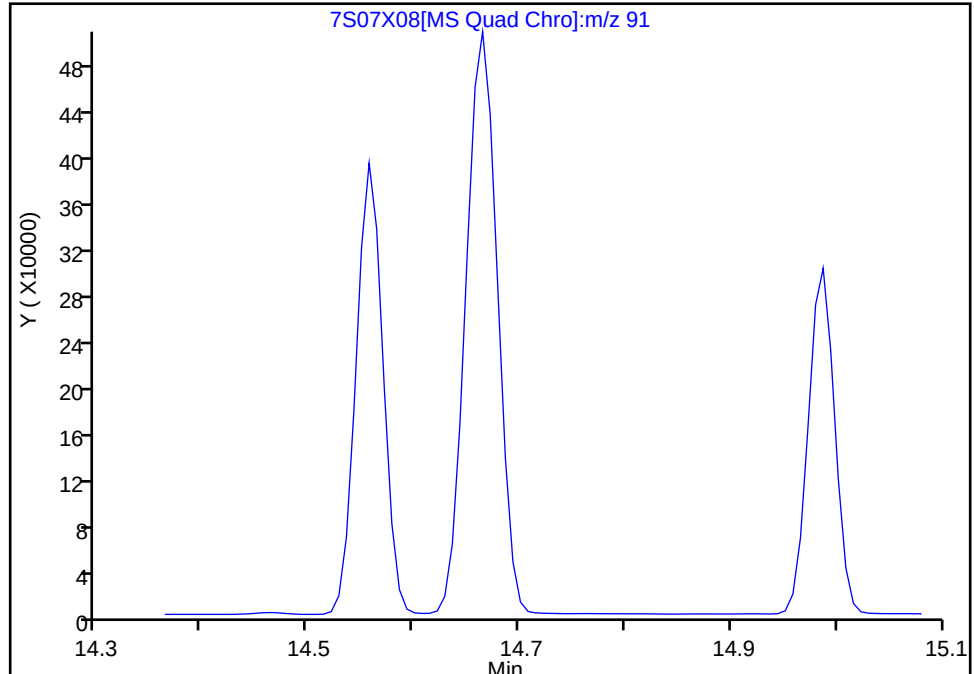
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

72 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

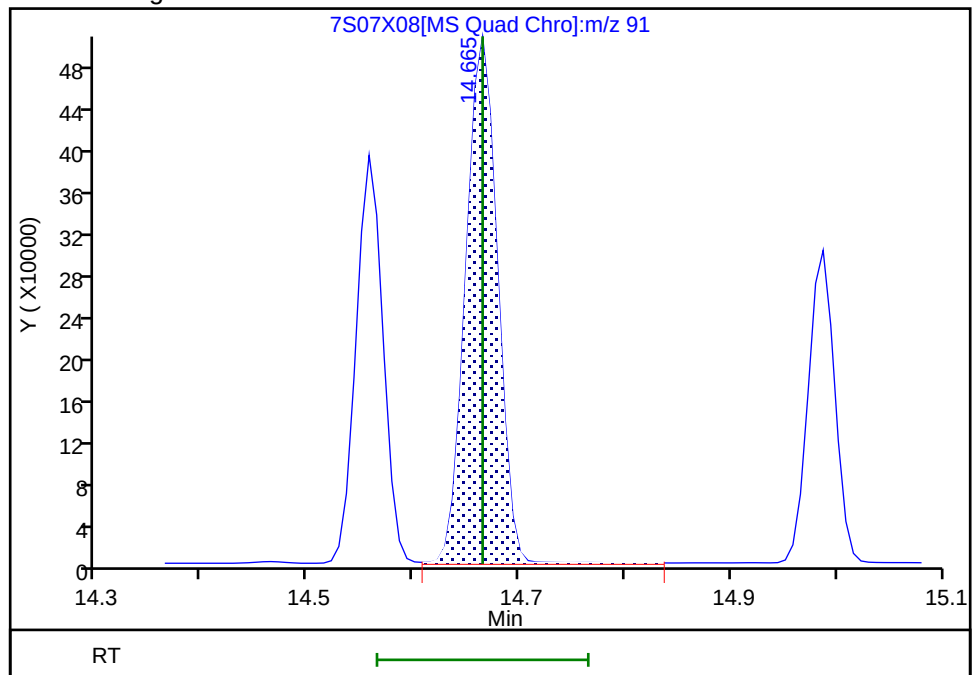
Not Detected
Expected RT: 14.66

Processing Integration Results



RT: 14.66
Area: 1055613
Amount: 9.607499
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:09:54 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

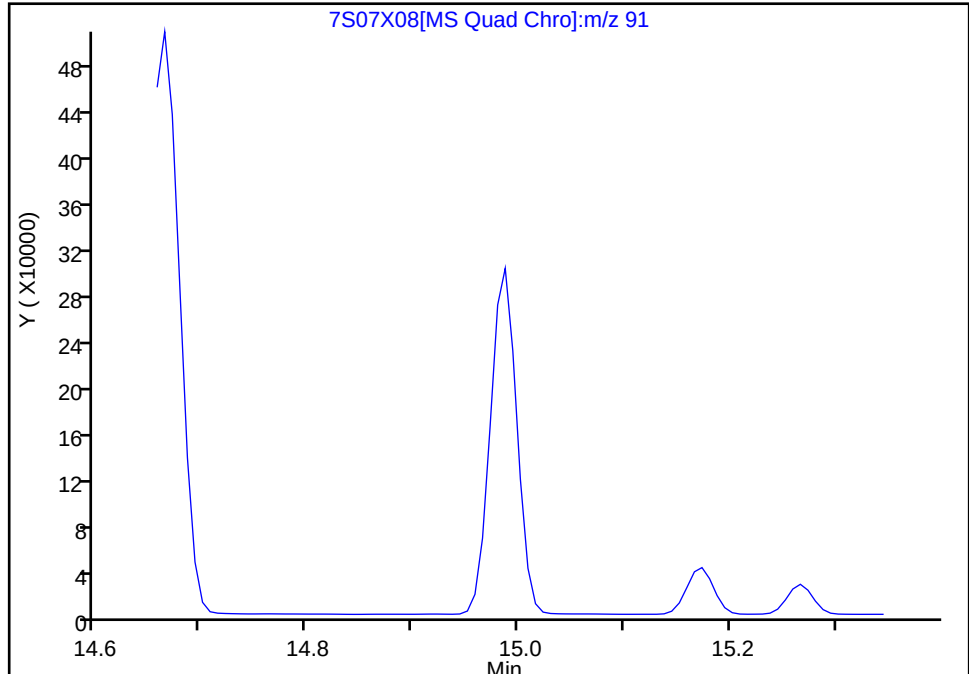
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

73 o-Xylene, CAS: 95-47-6

Signal: 1

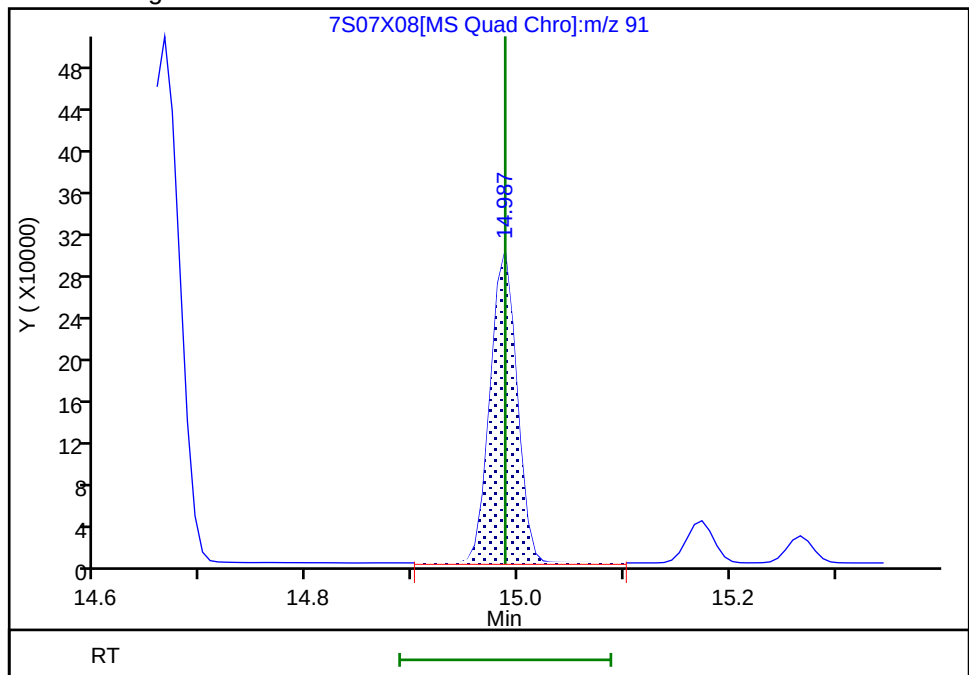
Not Detected
Expected RT: 14.99

Processing Integration Results



Manual Integration Results

RT: 14.99
Area: 528301
Amount: 4.837389
Amount Units: ppb v/v



Reviewer: D7UM, 08-Sep-2025 15:10:05 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

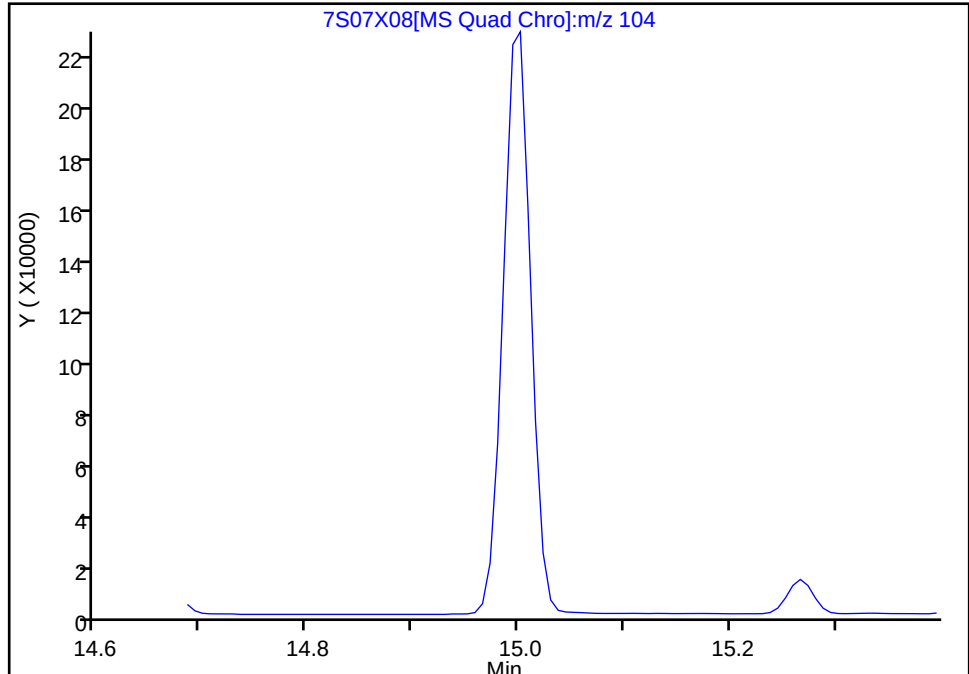
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

74 Styrene, CAS: 100-42-5

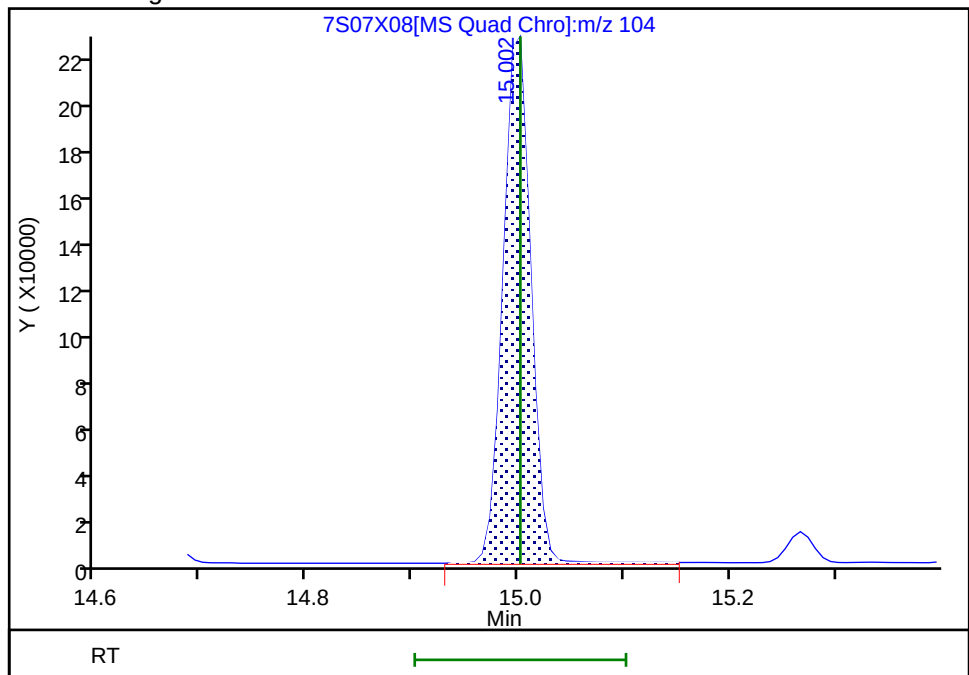
Signal: 1

Not Detected
Expected RT: 15.00

Processing Integration Results



Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:10:15 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

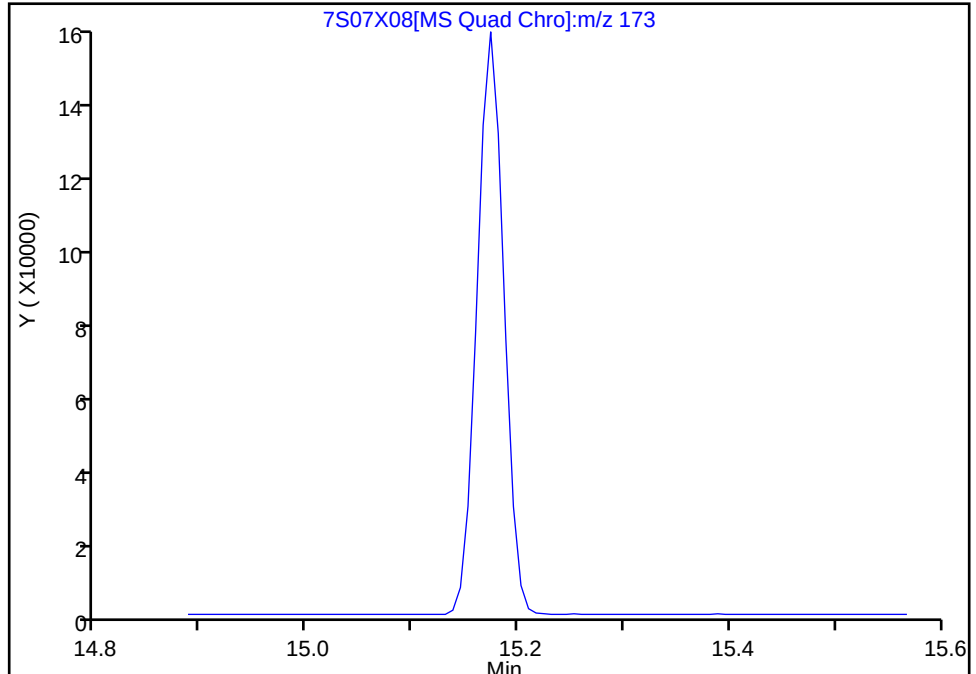
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

75 Bromoform, CAS: 75-25-2

Signal: 1

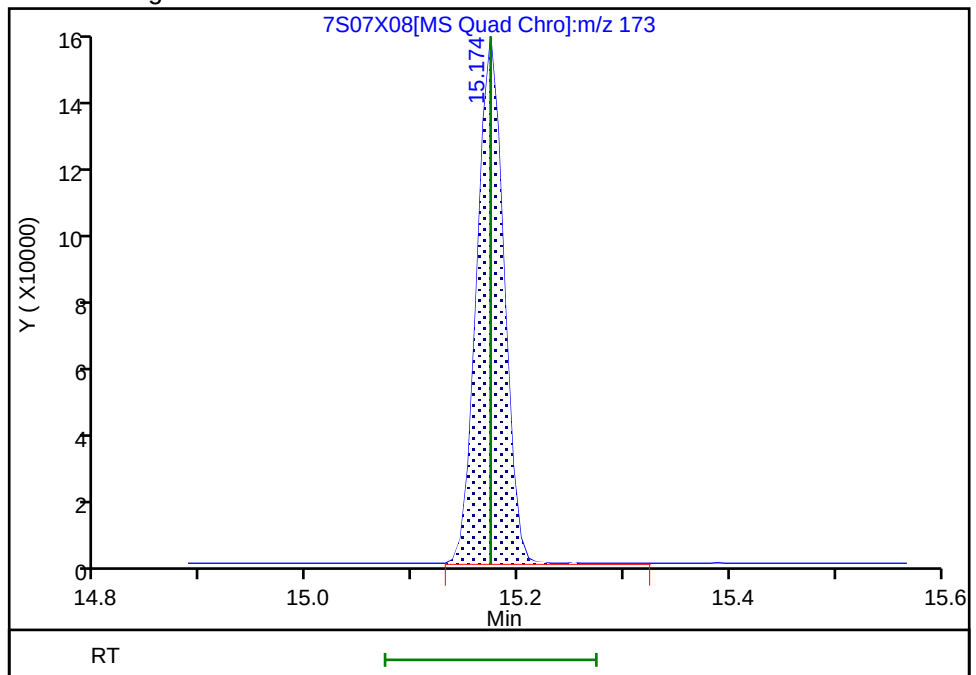
Not Detected
Expected RT: 15.17

Processing Integration Results



Manual Integration Results

RT: 15.17
Area: 278524
Amount: 4.861194
Amount Units: ppb v/v



Reviewer: D7UM, 08-Sep-2025 15:10:29 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

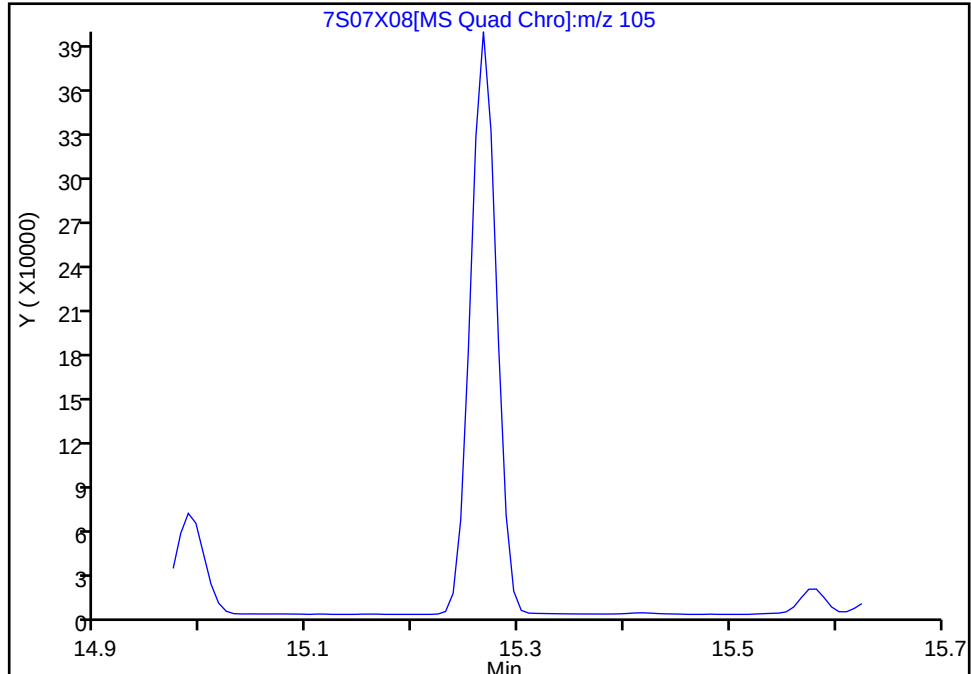
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

76 Isopropylbenzene, CAS: 98-82-8

Signal: 1

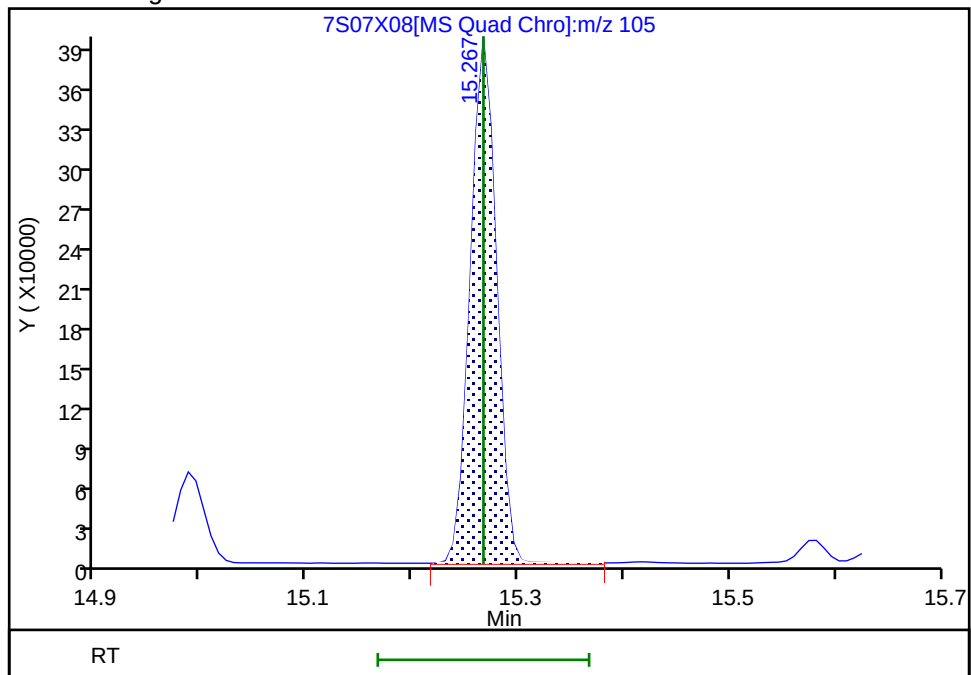
Not Detected
Expected RT: 15.27

Processing Integration Results



RT: 15.27
Area: 684463
Amount: 5.004552
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:10:45 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

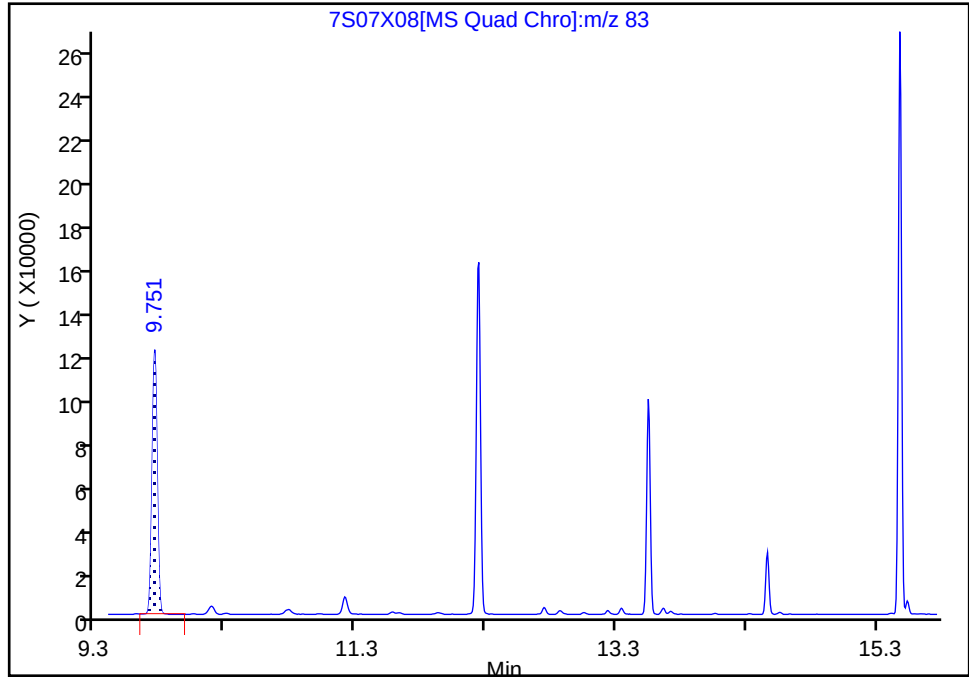
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

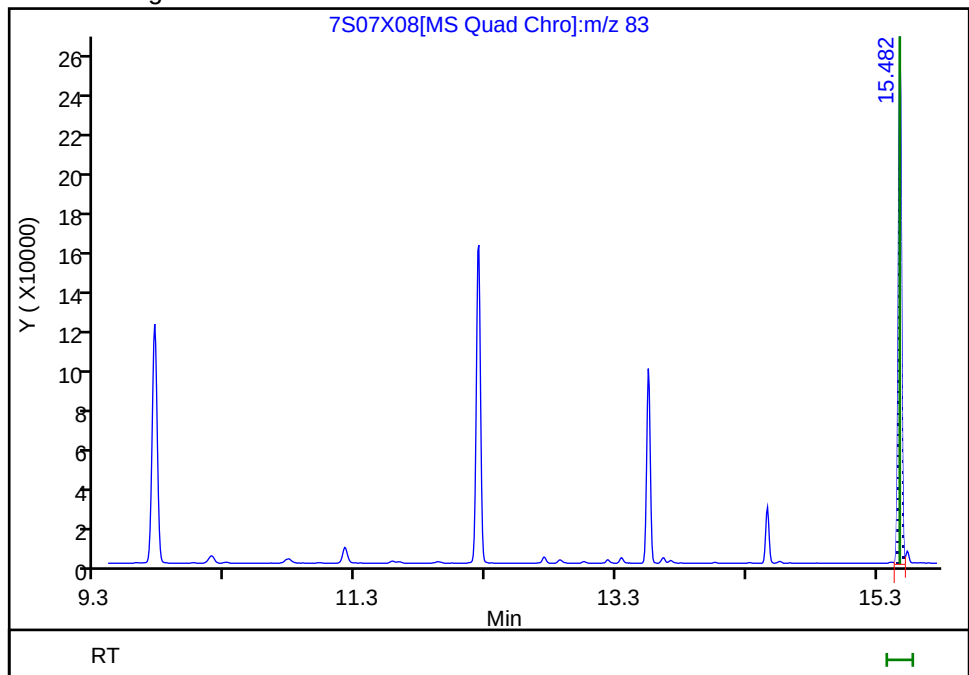
RT: 9.75
Area: 320439
Amount: 4.585038
Amount Units: ppb v/v

Processing Integration Results



RT: 15.48
Area: 449534
Amount: 4.788068
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:20:57 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

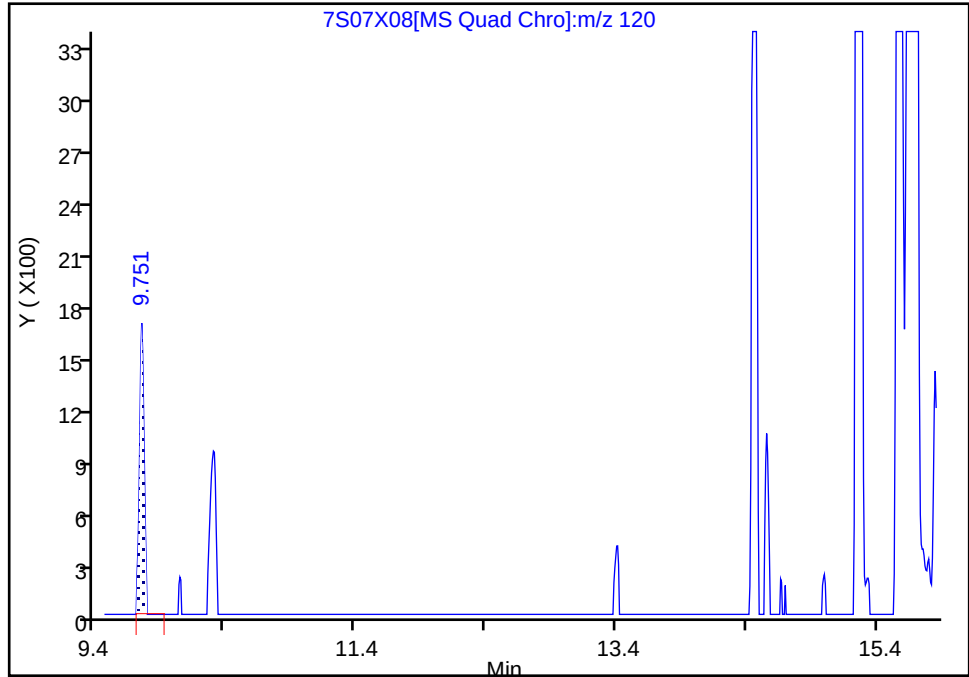
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

77 N-Propylbenzene, CAS: 103-65-1

Signal: 1

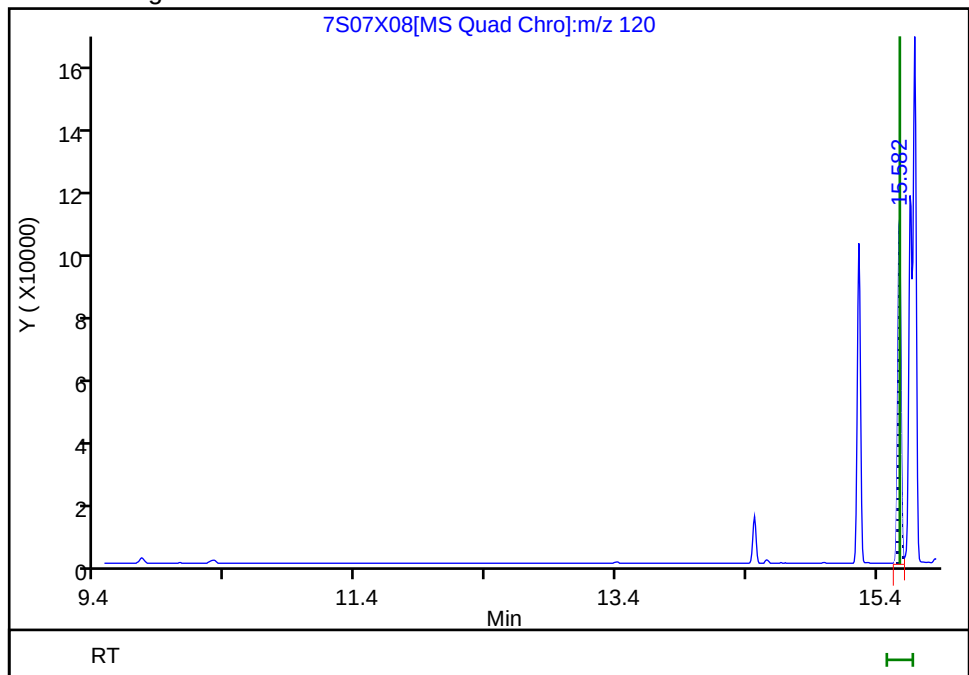
RT: 9.75
Area: 4144
Amount: 4.791016
Amount Units: ppb v/v

Processing Integration Results



RT: 15.58
Area: 186166
Amount: 5.014163
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 14:58:14 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

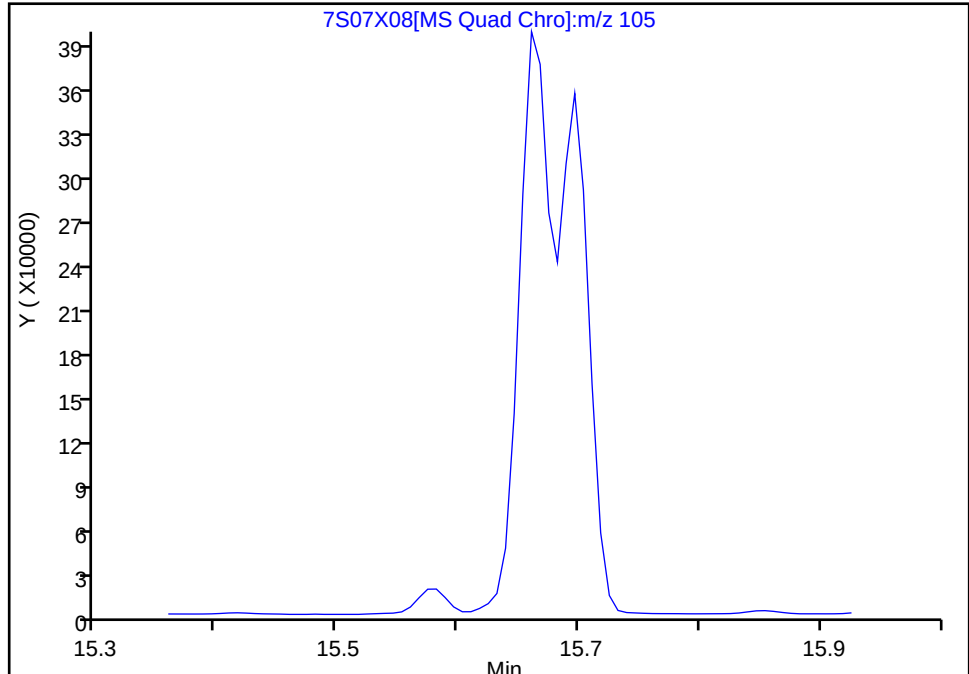
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

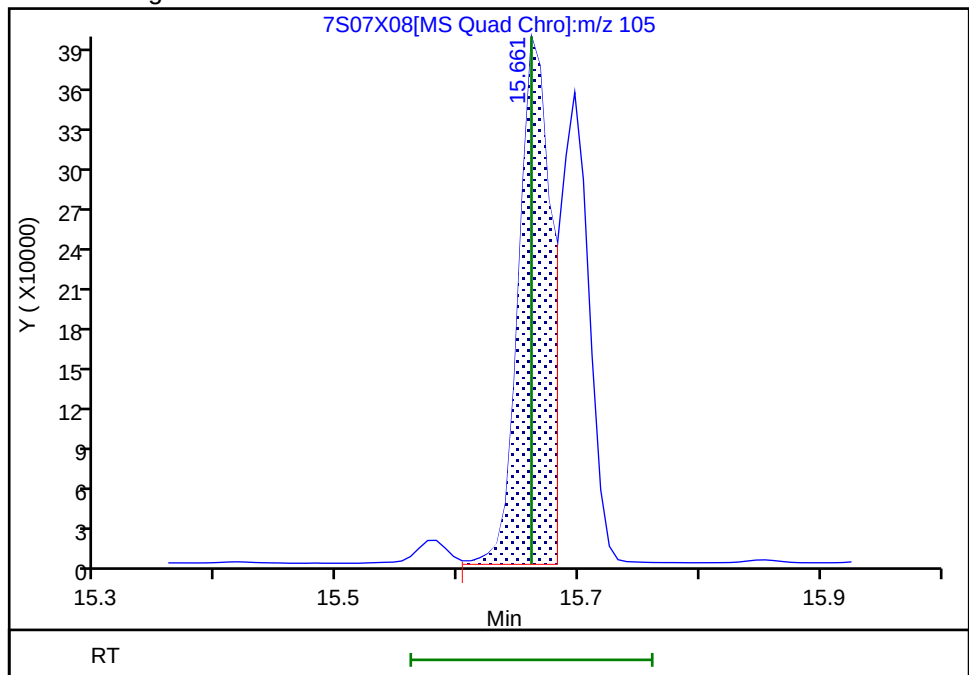
Not Detected
Expected RT: 15.66

Processing Integration Results



RT: 15.66
Area: 715751
Amount: 5.238330
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:12:51 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

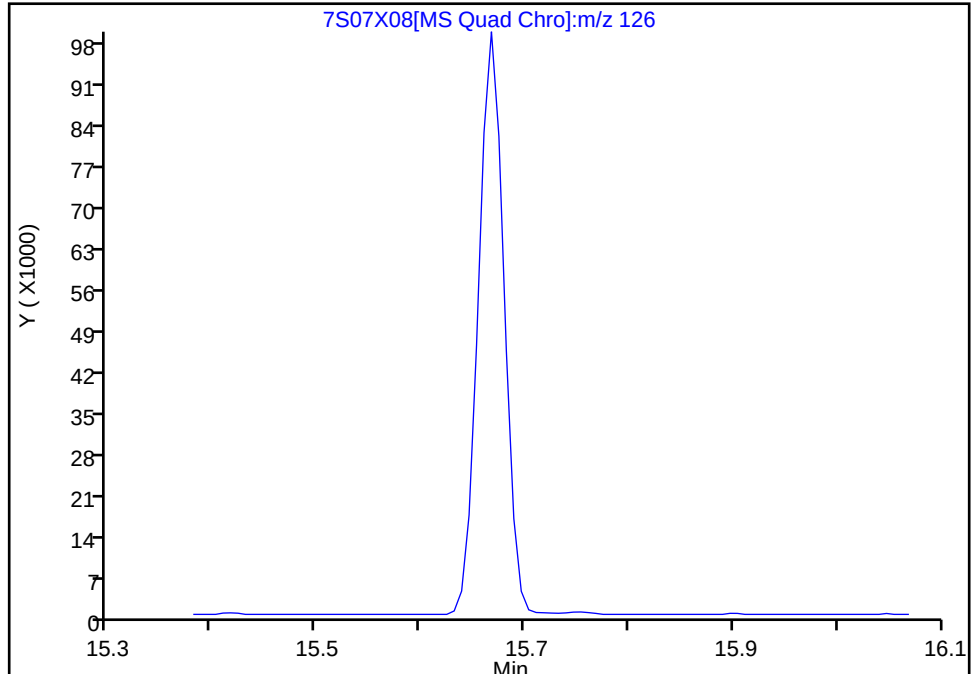
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

81 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

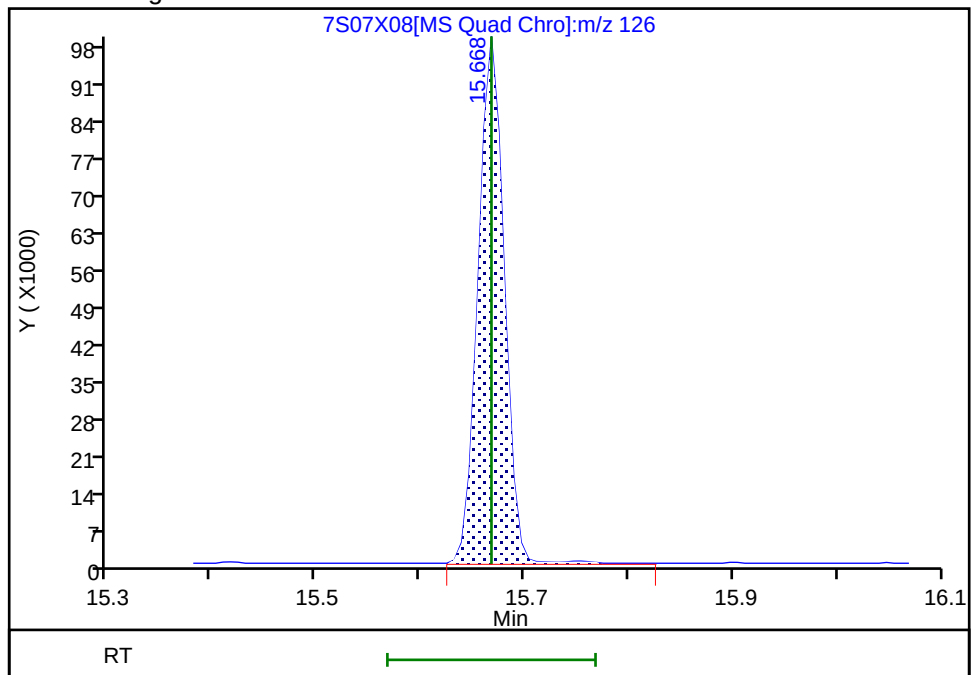
Not Detected
Expected RT: 15.67

Processing Integration Results



RT: 15.67
Area: 171546
Amount: 4.840700
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:12:25 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

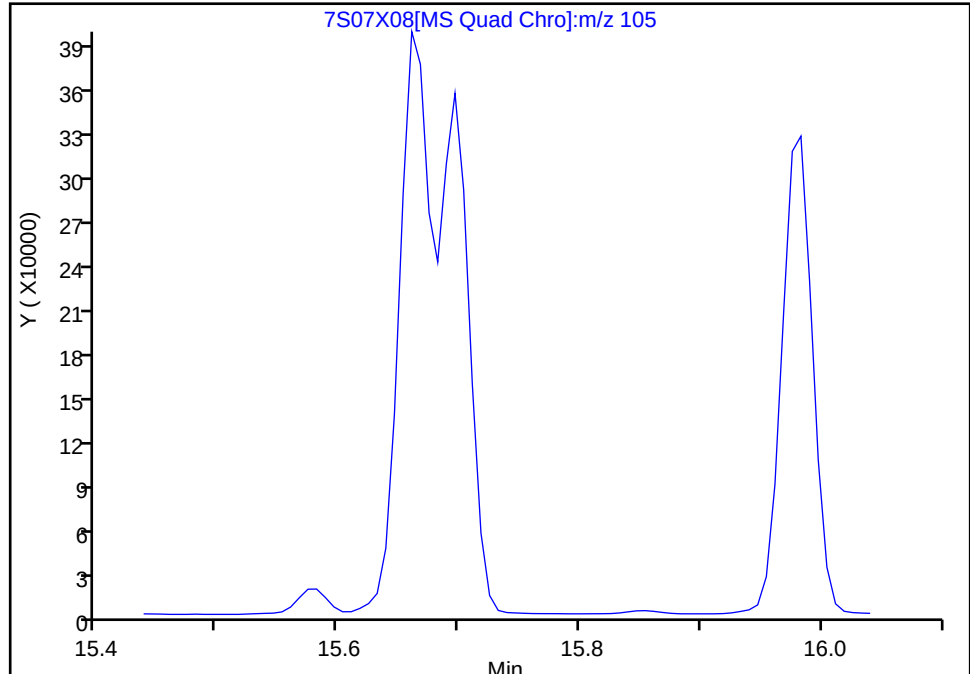
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

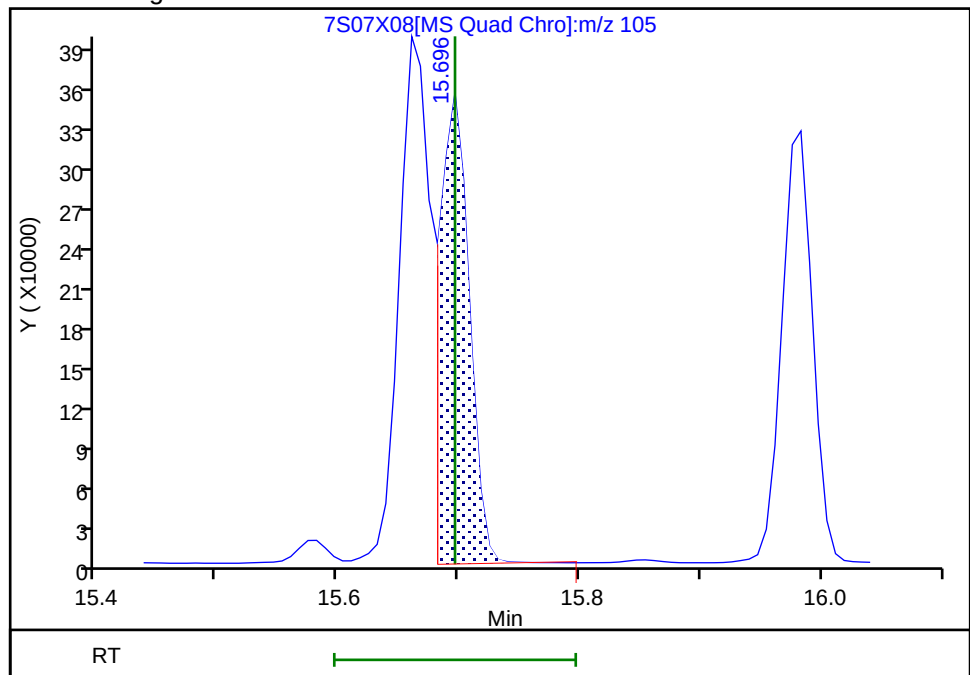
Not Detected
Expected RT: 15.70

Processing Integration Results



Manual Integration Results

RT: 15.70
Area: 560860
Amount: 5.127455
Amount Units: ppb v/v



Reviewer: D7UM, 08-Sep-2025 15:13:05 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

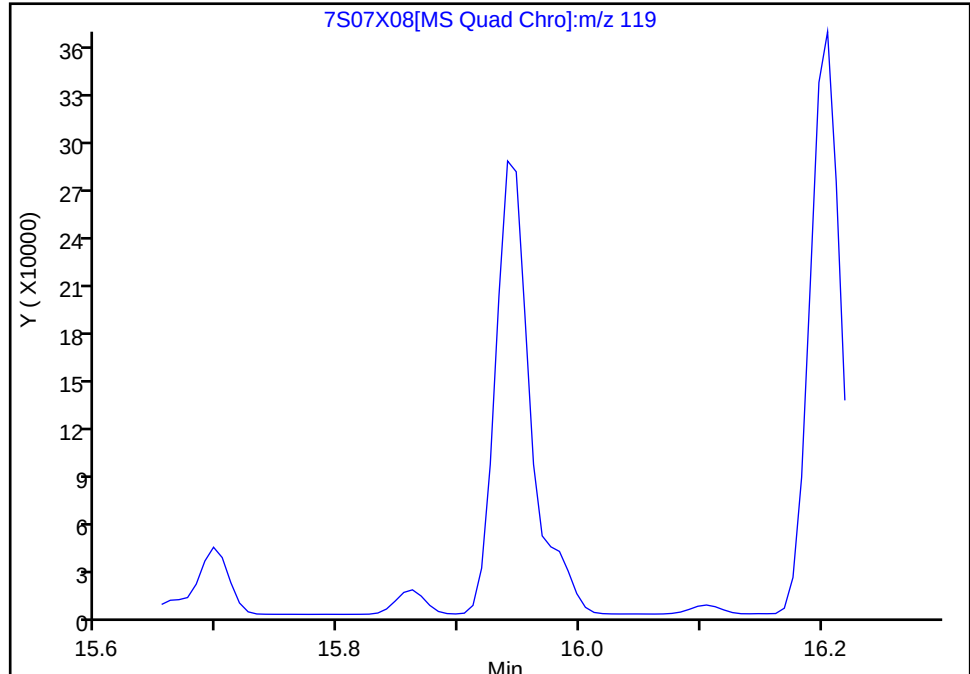
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

85 tert-Butylbenzene, CAS: 98-06-6

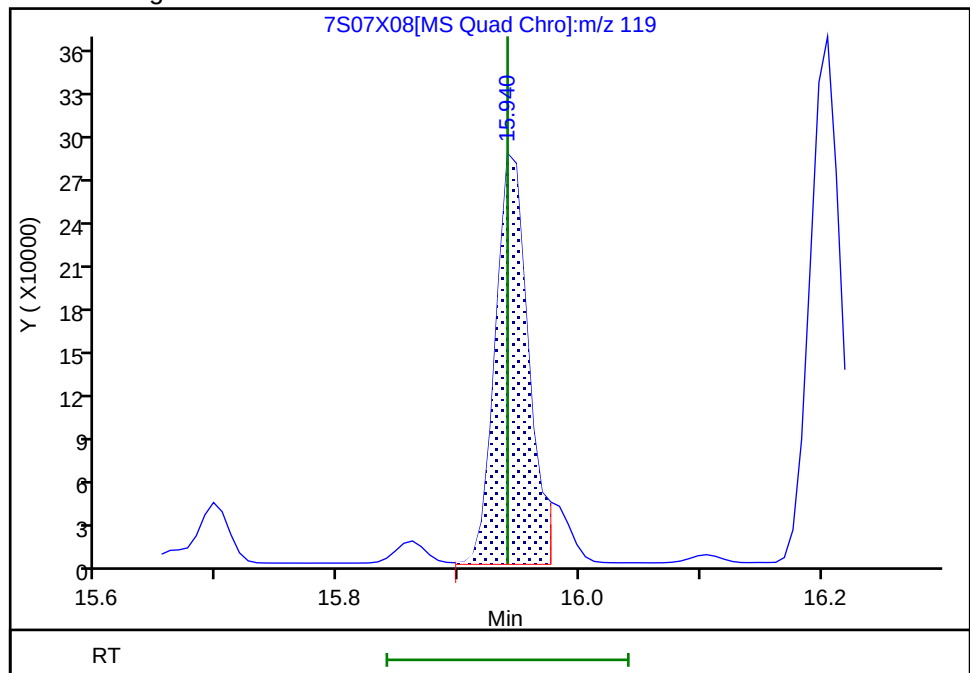
Signal: 1

Not Detected
Expected RT: 15.94

Processing Integration Results



Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:21:04 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

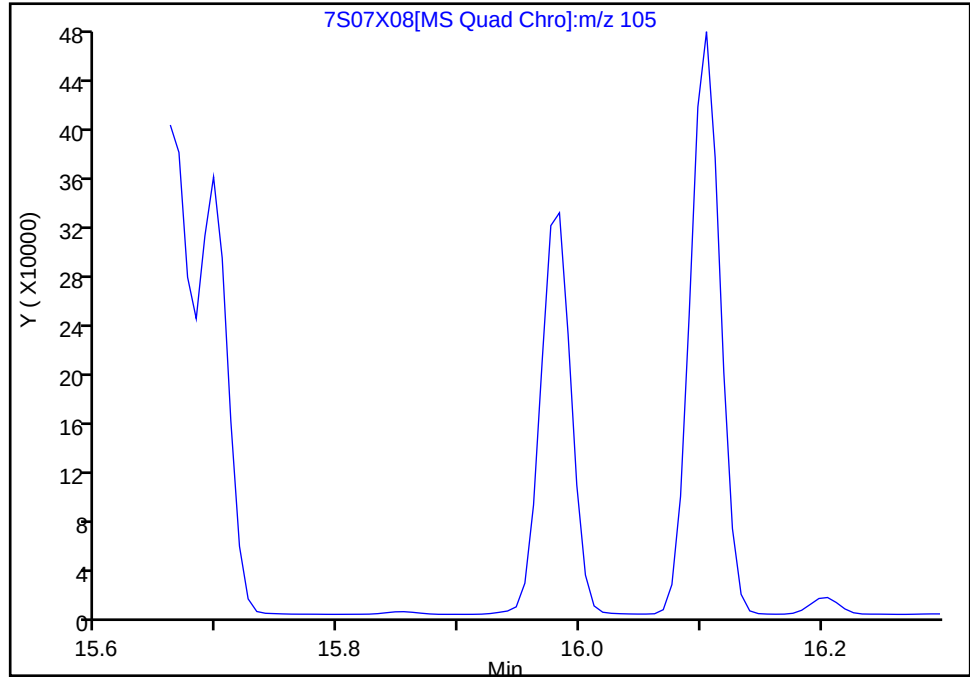
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

86 1,2,4-Trimethylbenzene, CAS: 95-63-6

Signal: 1

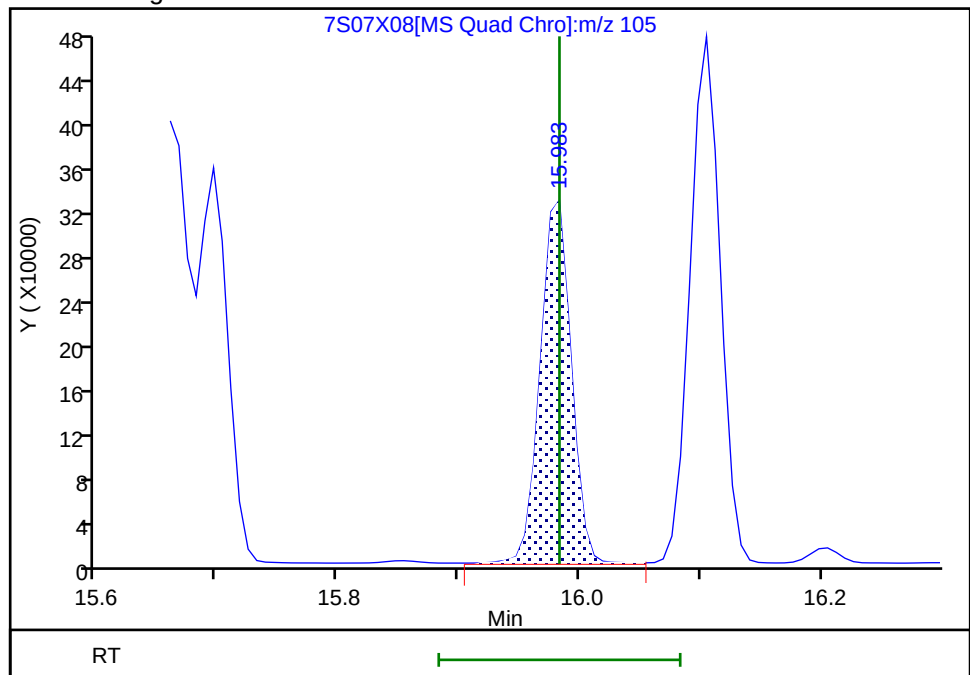
Not Detected
Expected RT: 15.98

Processing Integration Results



Manual Integration Results

RT: 15.98
Area: 580420
Amount: 5.020802
Amount Units: ppb v/v



Reviewer: D7UM, 08-Sep-2025 15:13:21 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

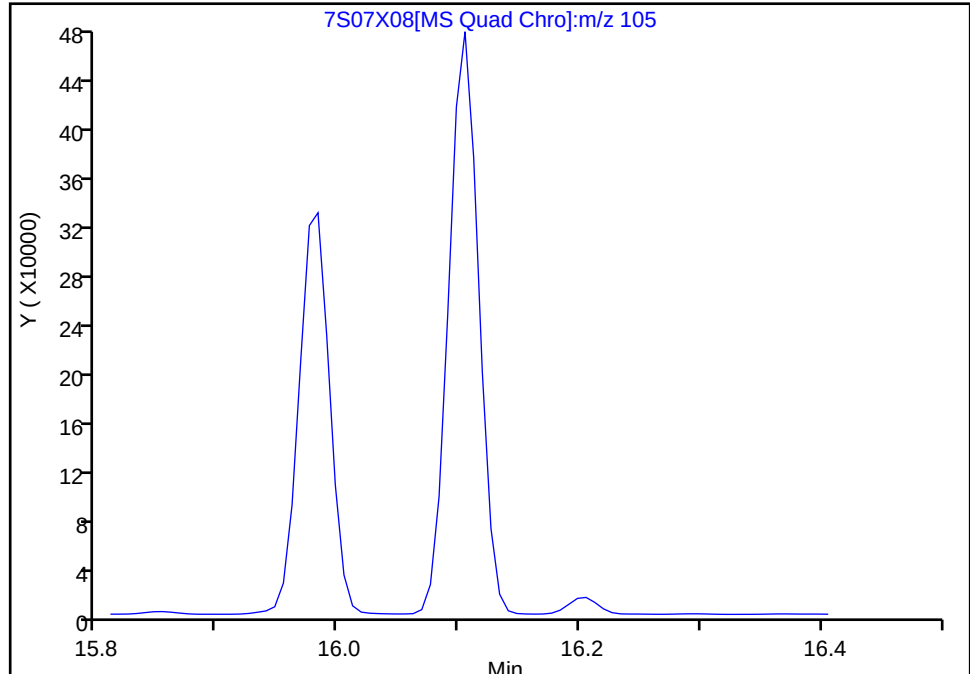
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

87 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

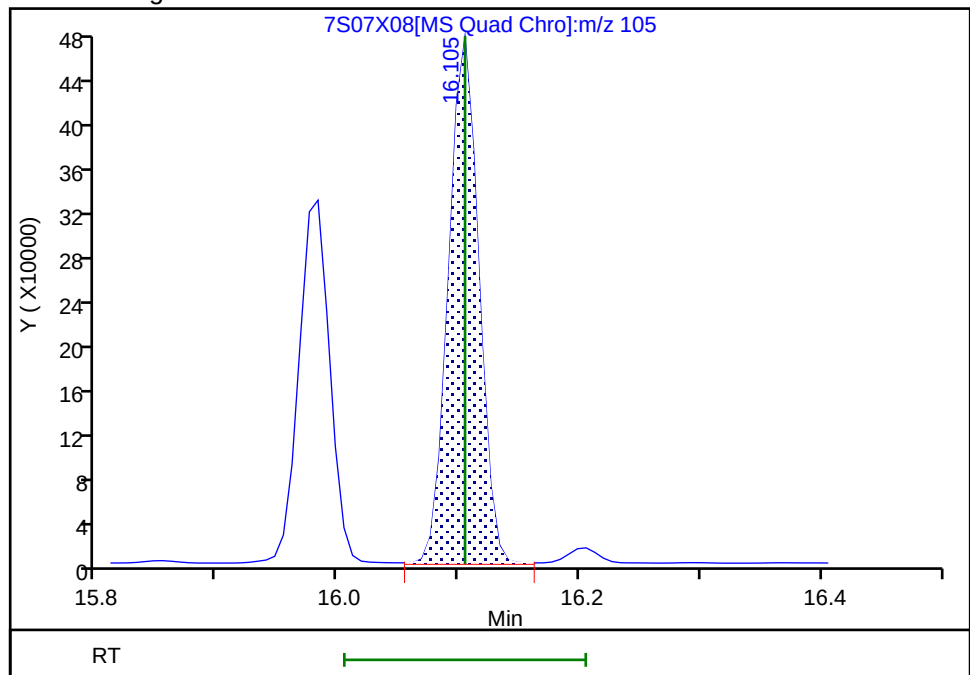
Not Detected
Expected RT: 16.10

Processing Integration Results



Manual Integration Results

RT: 16.10
Area: 822037
Amount: 4.957821
Amount Units: ppb v/v



Reviewer: D7UM, 08-Sep-2025 15:13:35 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

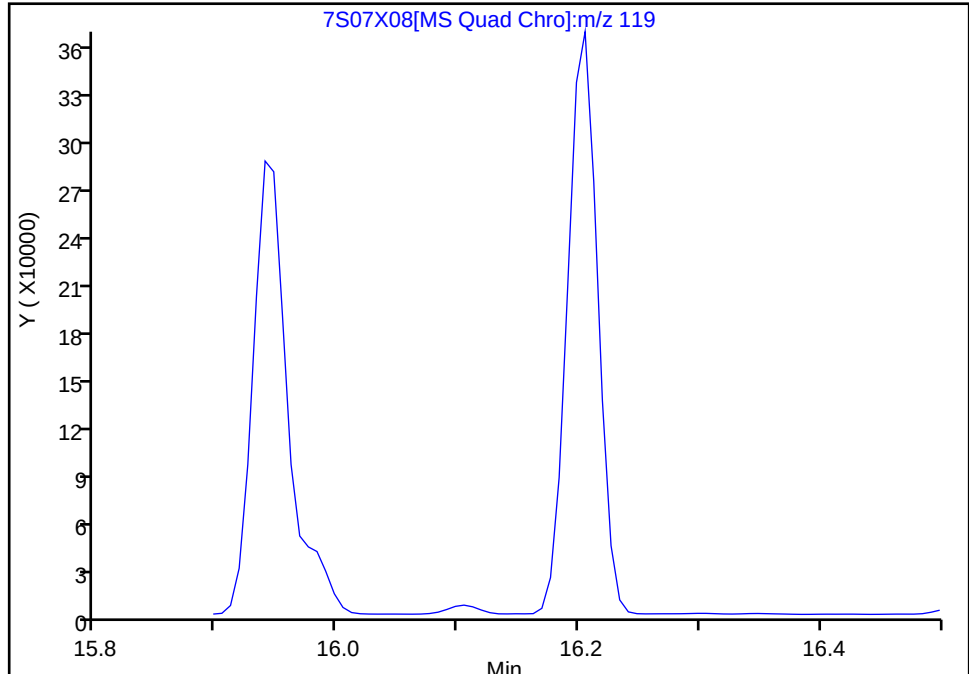
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

88 4-Isopropyltoluene, CAS: 99-87-6

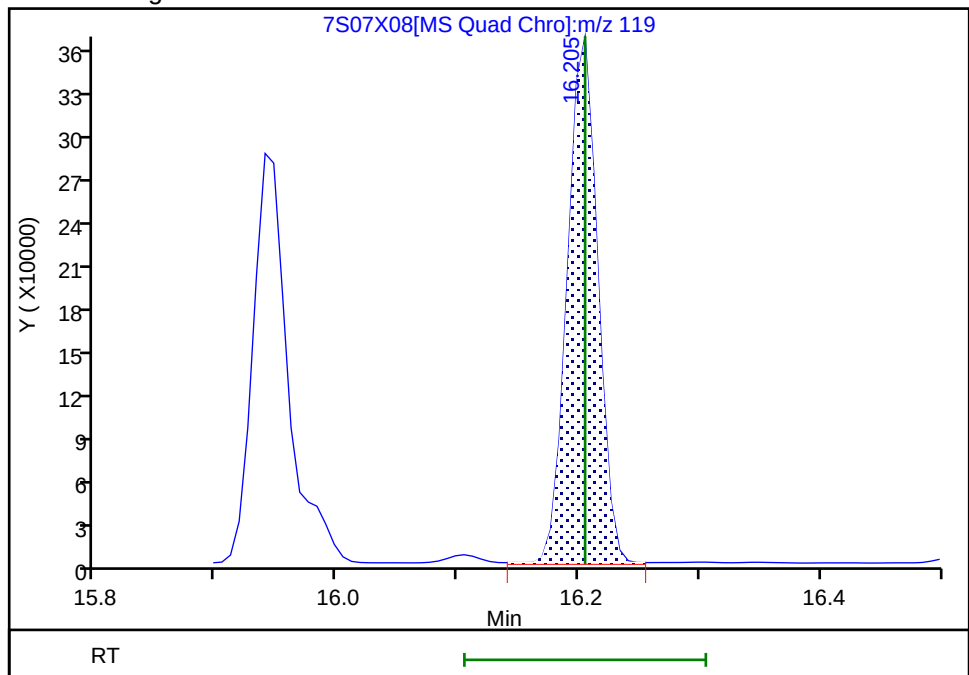
Signal: 1

Not Detected
Expected RT: 16.21

Processing Integration Results



Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:14:00 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

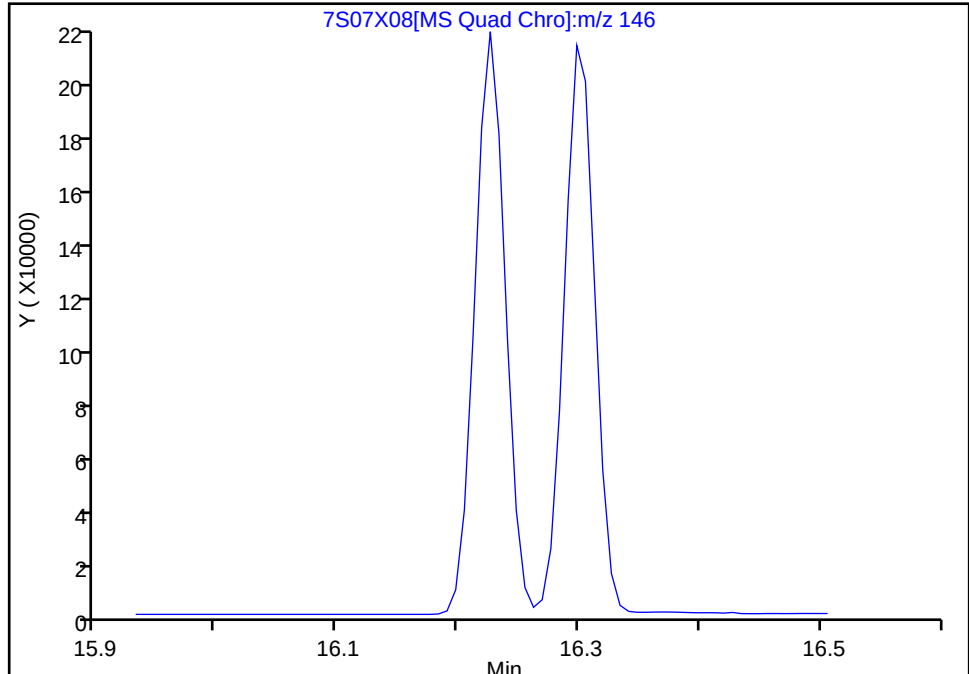
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

89 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

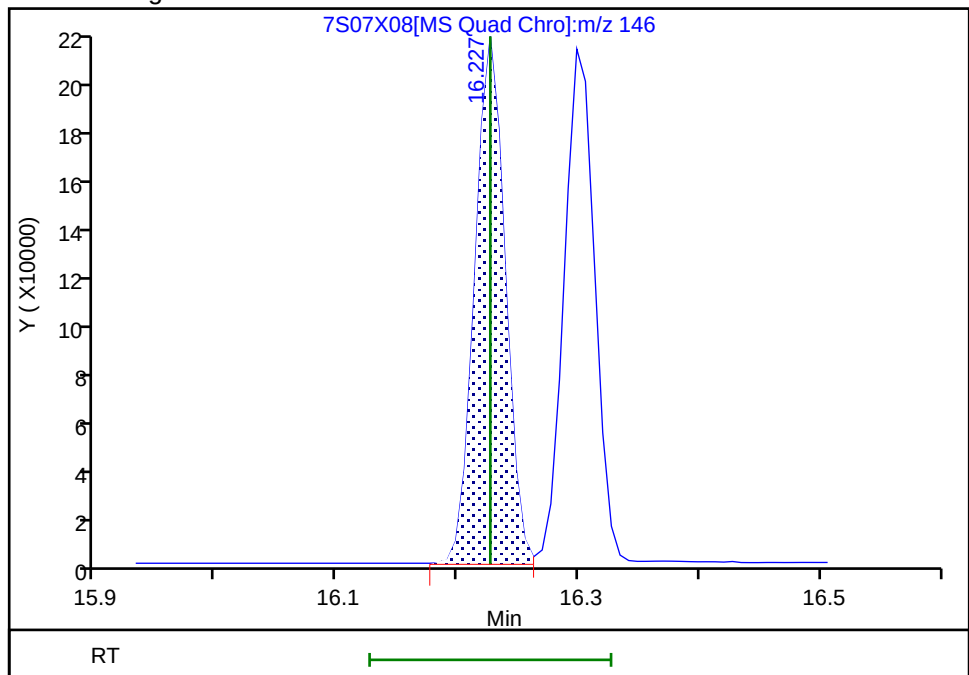
Not Detected
Expected RT: 16.23

Processing Integration Results



RT: 16.23
Area: 375073
Amount: 4.893716
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:13:47 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

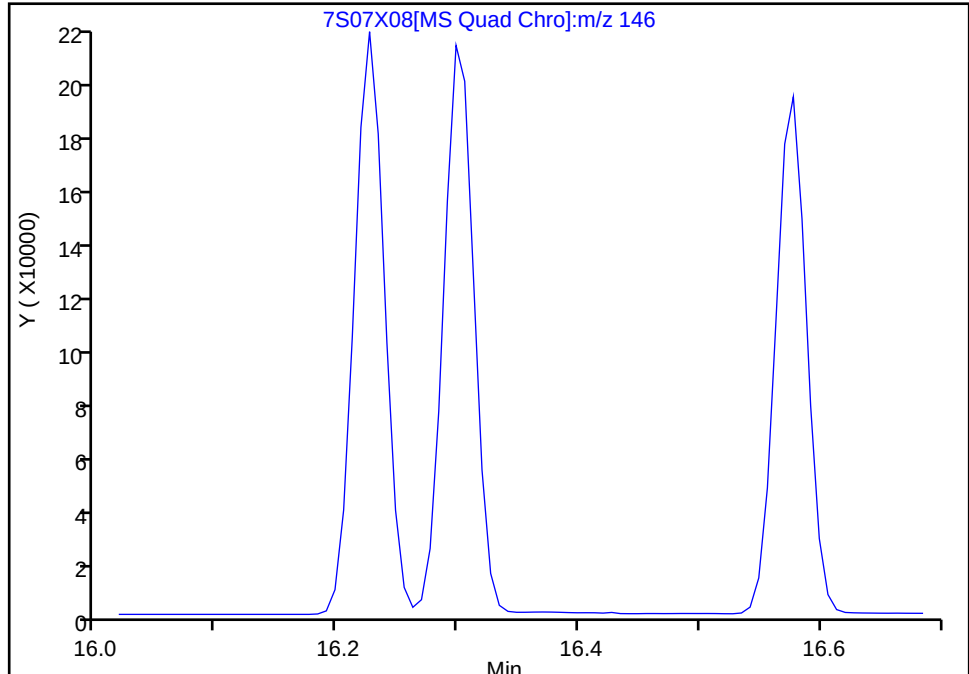
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

90 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

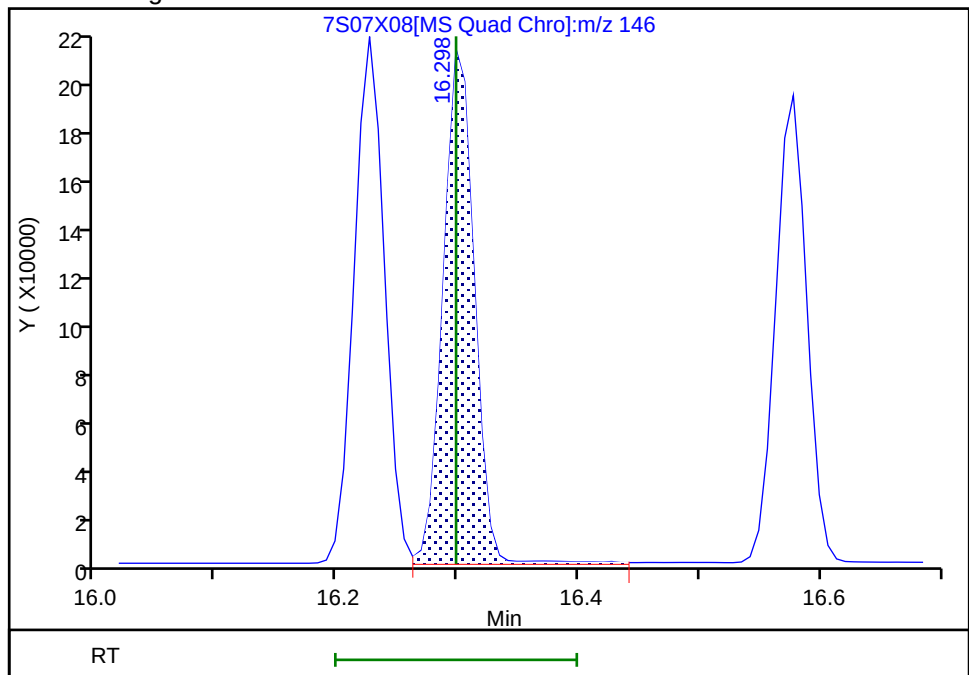
Not Detected
Expected RT: 16.30

Processing Integration Results



Manual Integration Results

RT: 16.30
Area: 374633
Amount: 4.858530
Amount Units: ppb v/v



Reviewer: D7UM, 08-Sep-2025 15:14:10 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

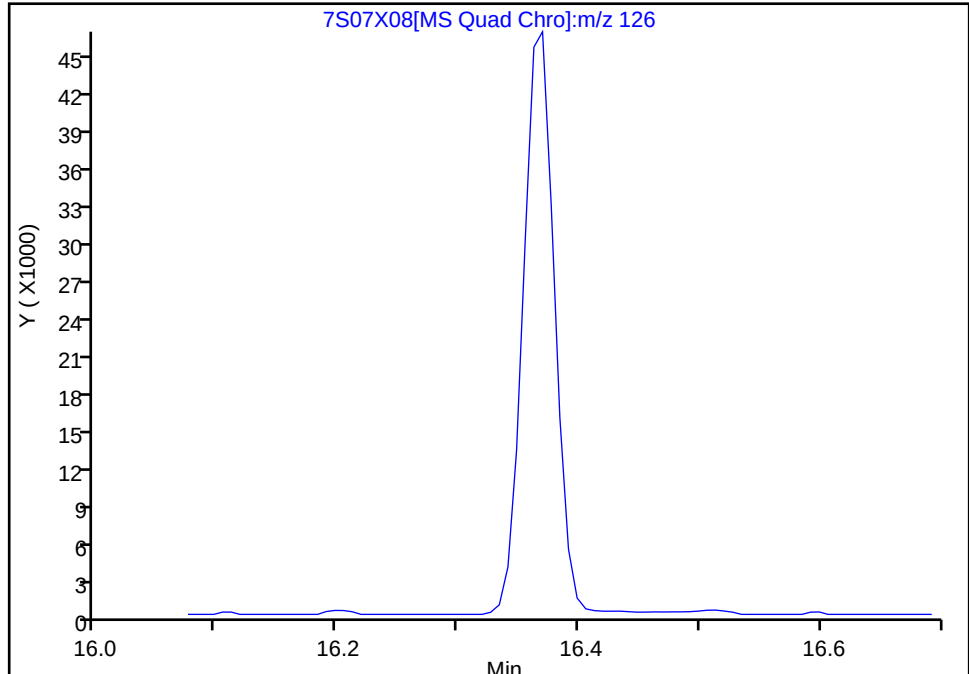
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

92 Benzyl chloride, CAS: 100-44-7

Signal: 1

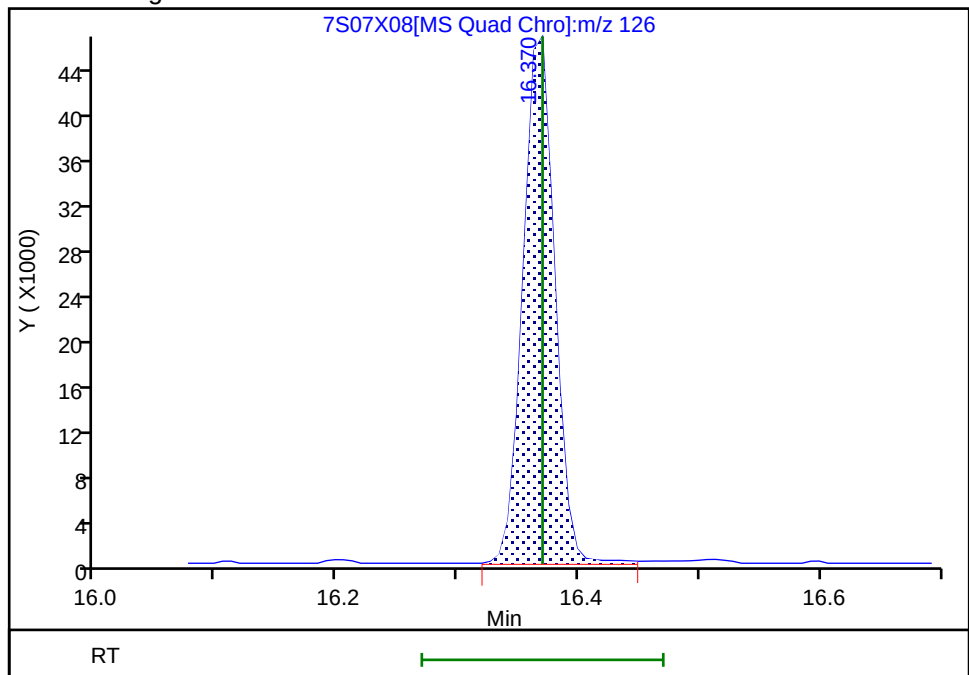
Not Detected
Expected RT: 16.37

Processing Integration Results



RT: 16.37
Area: 84084
Amount: 4.646889
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:14:23 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

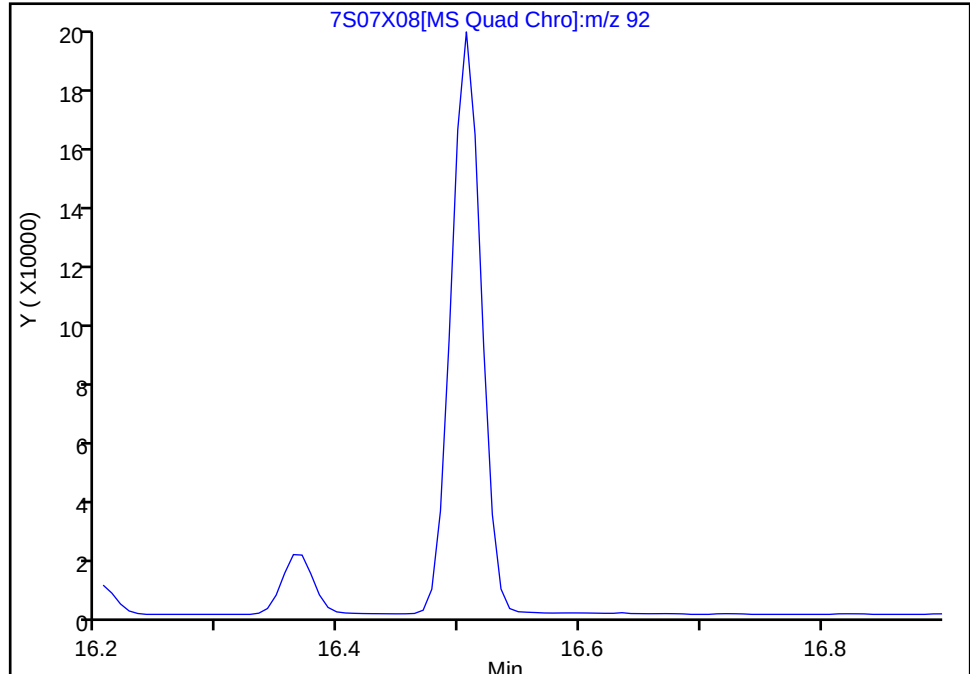
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

91 n-Butylbenzene, CAS: 104-51-8

Signal: 1

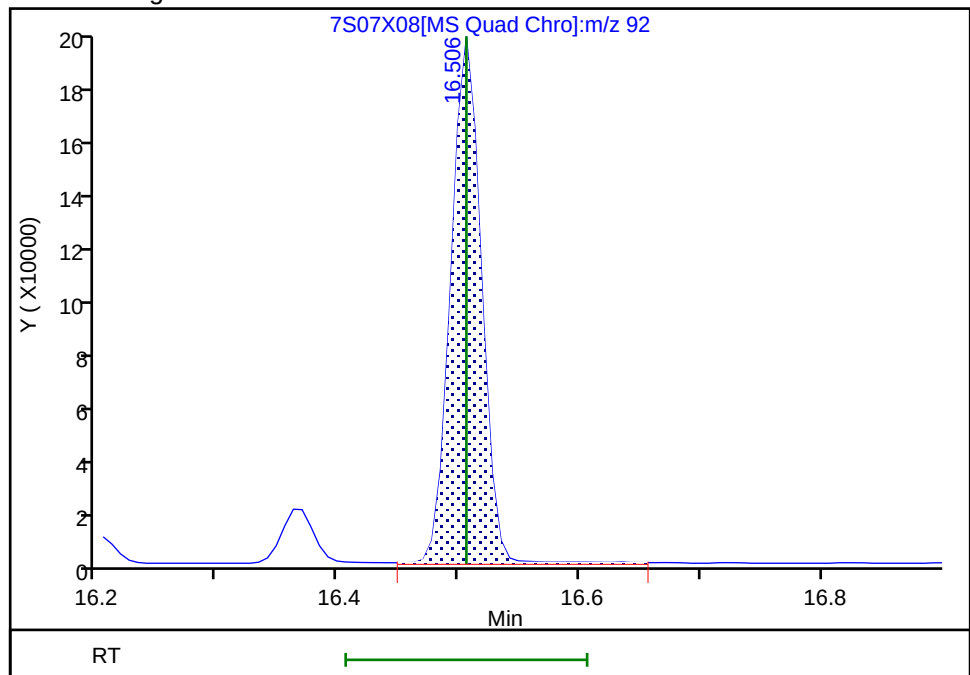
Not Detected
Expected RT: 16.51

Processing Integration Results



RT: 16.51
Area: 349929
Amount: 4.926808
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:14:33 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

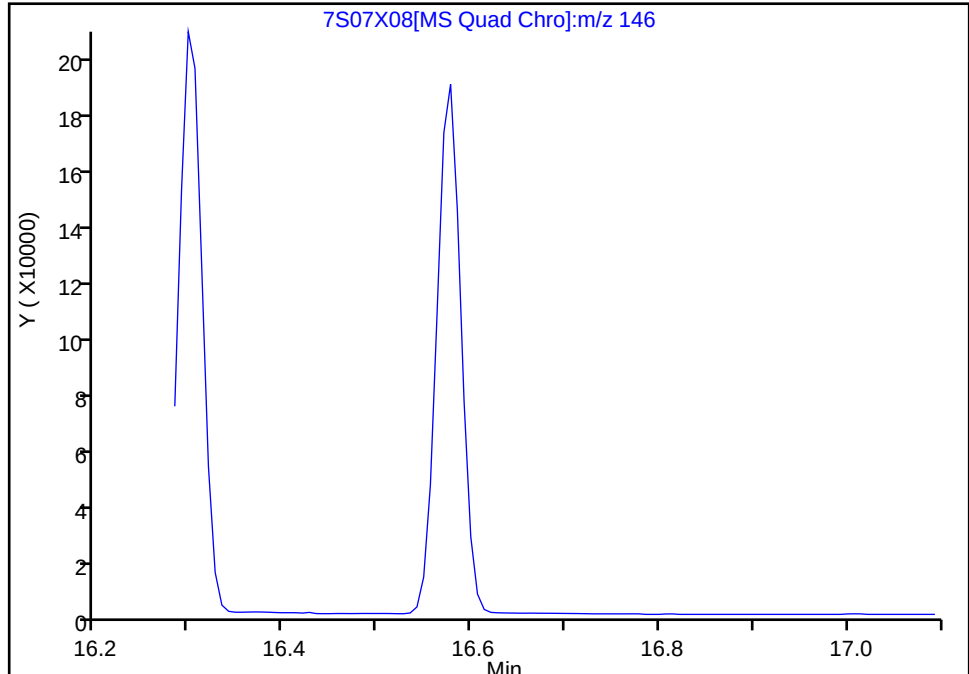
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Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

94 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

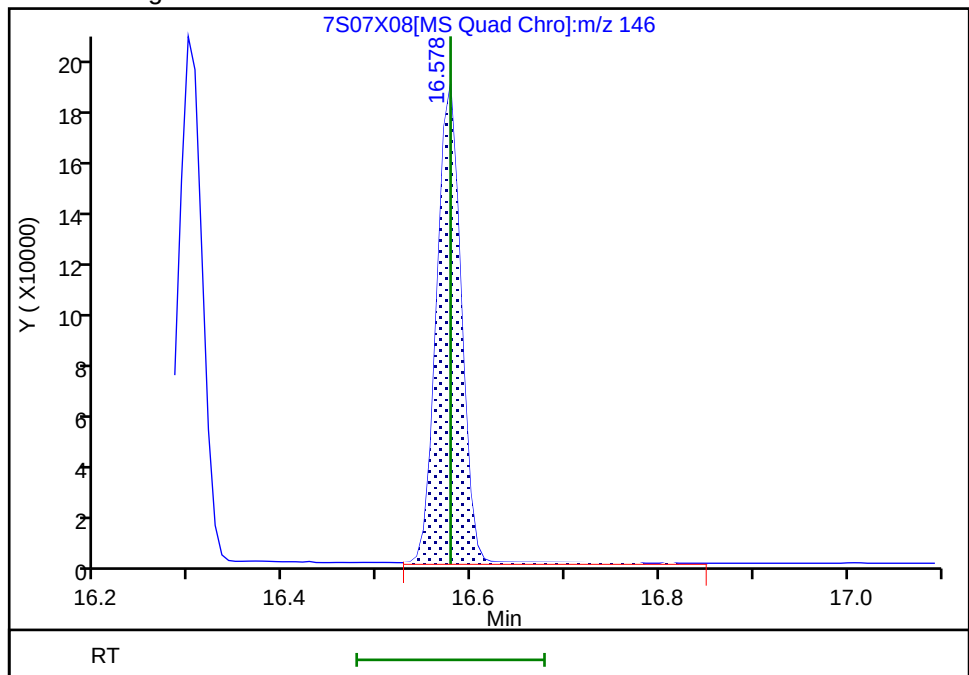
Not Detected
Expected RT: 16.58

Processing Integration Results



RT: 16.58
Area: 345777
Amount: 4.874120
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:14:51 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

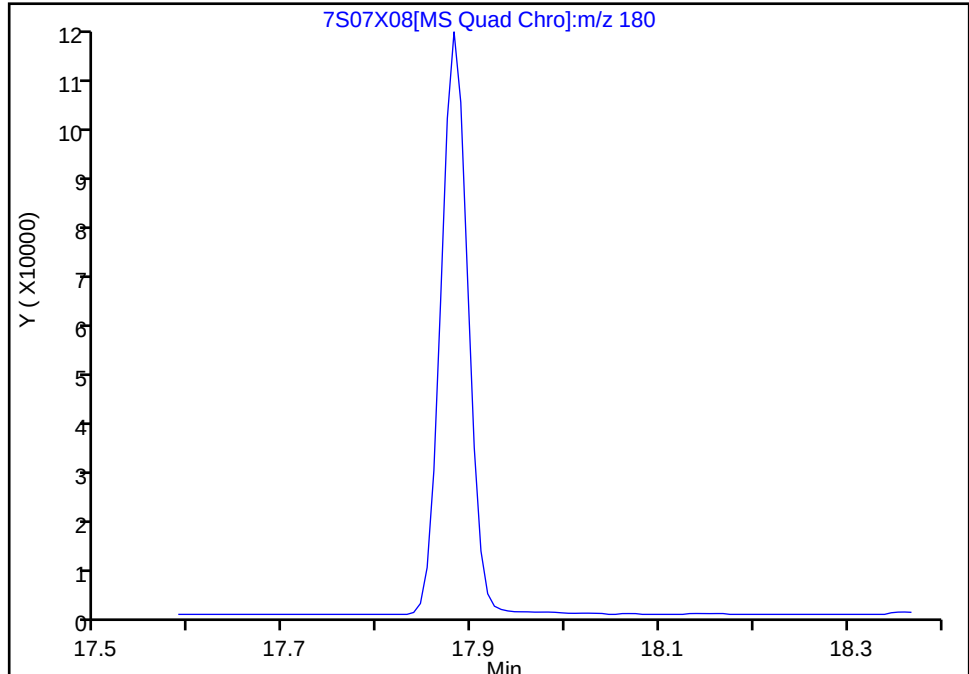
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

97 1,2,4-Trichlorobenzene, CAS: 120-82-1

Signal: 1

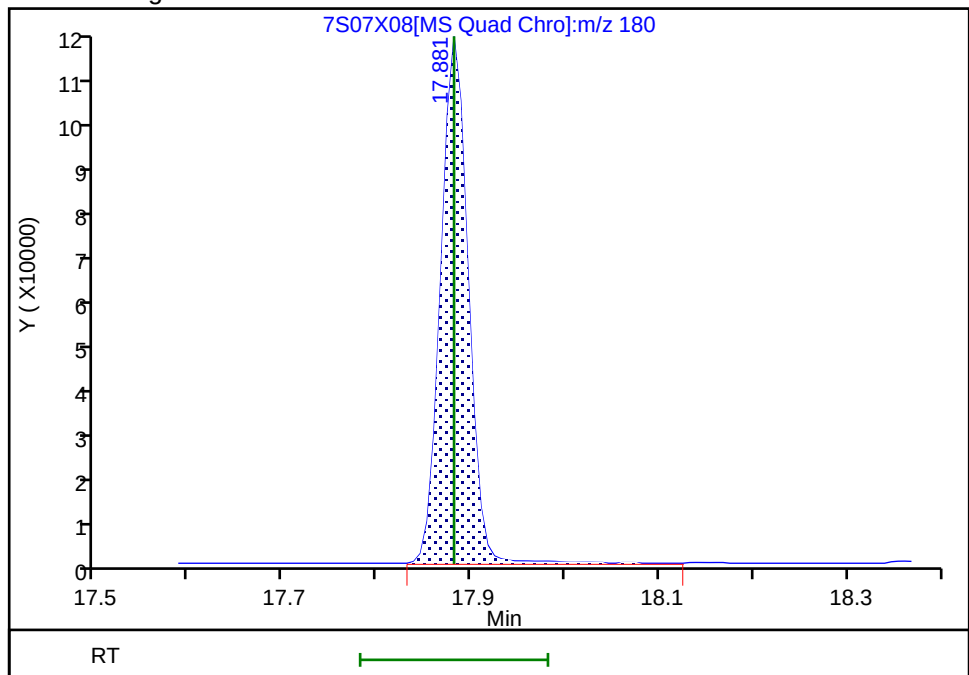
Not Detected
Expected RT: 17.88

Processing Integration Results



RT: 17.88
Area: 239097
Amount: 4.994010
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 15:15:27 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

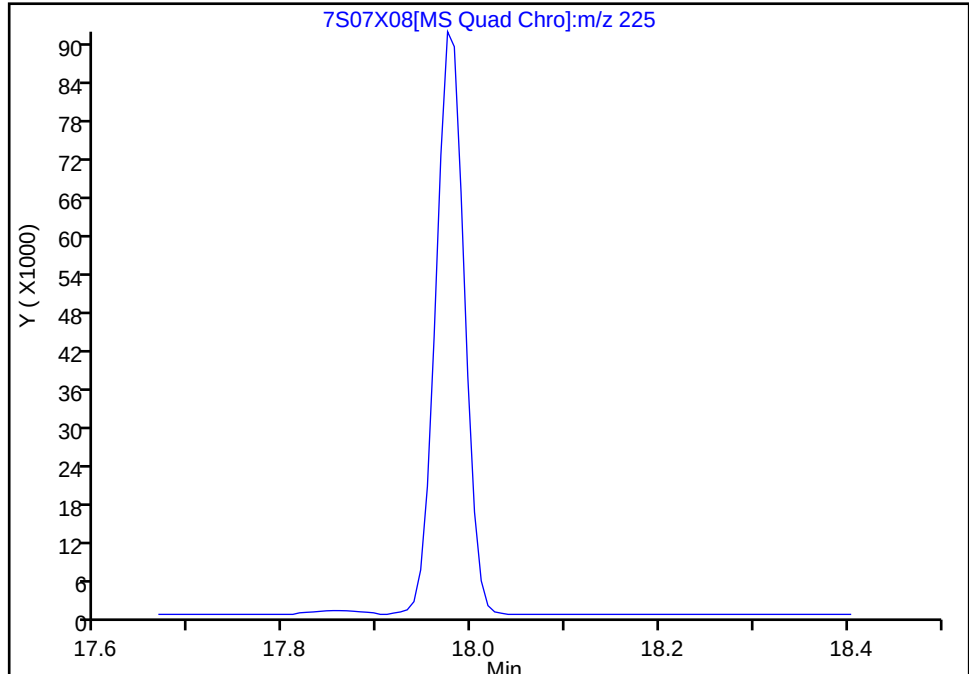
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

96 Hexachlorobutadiene, CAS: 87-68-3

Signal: 1

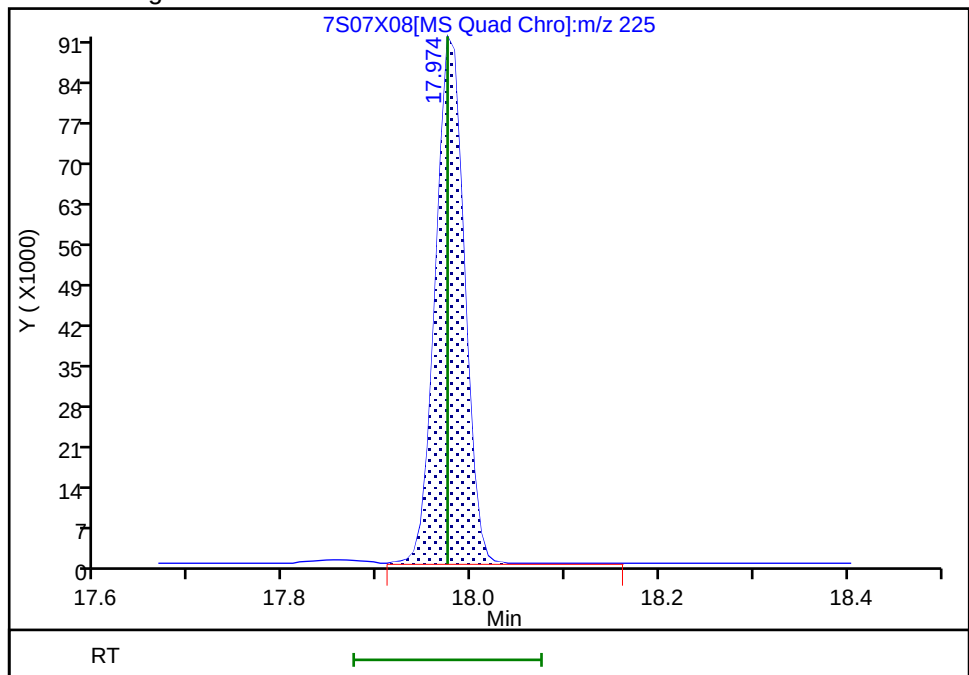
Not Detected
Expected RT: 17.97

Processing Integration Results



Manual Integration Results

RT: 17.97
Area: 196075
Amount: 4.548214
Amount Units: ppb v/v



Reviewer: D7UM, 08-Sep-2025 15:15:37 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

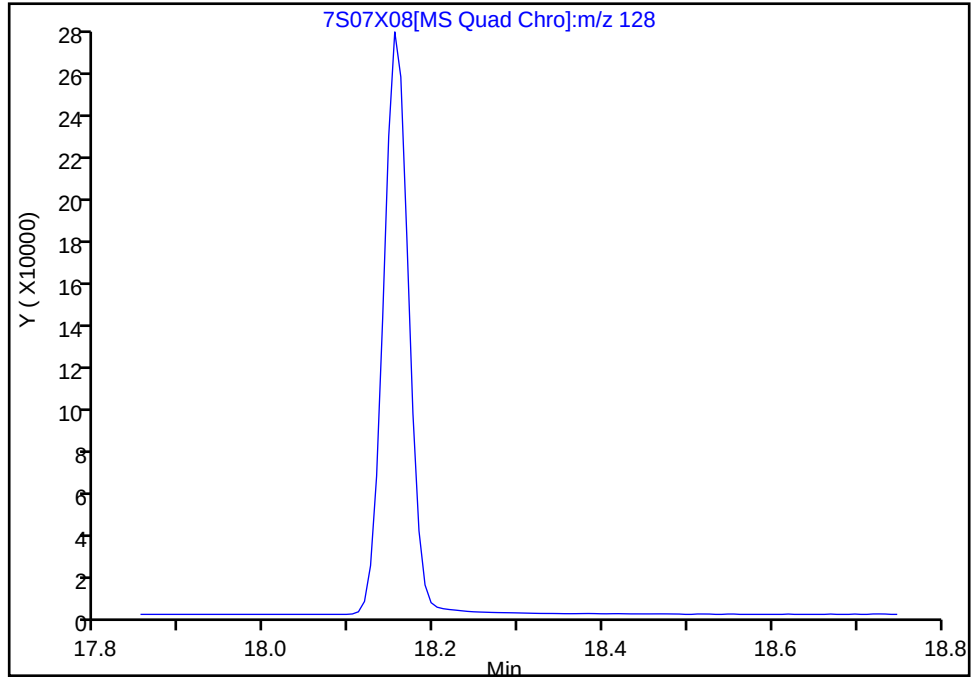
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X08.D
Injection Date: 08-Sep-2025 01:12:42 Instrument ID: HP8R004
Lims ID: ICISAV Cal 5ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

98 Naphthalene, CAS: 91-20-3

Signal: 1

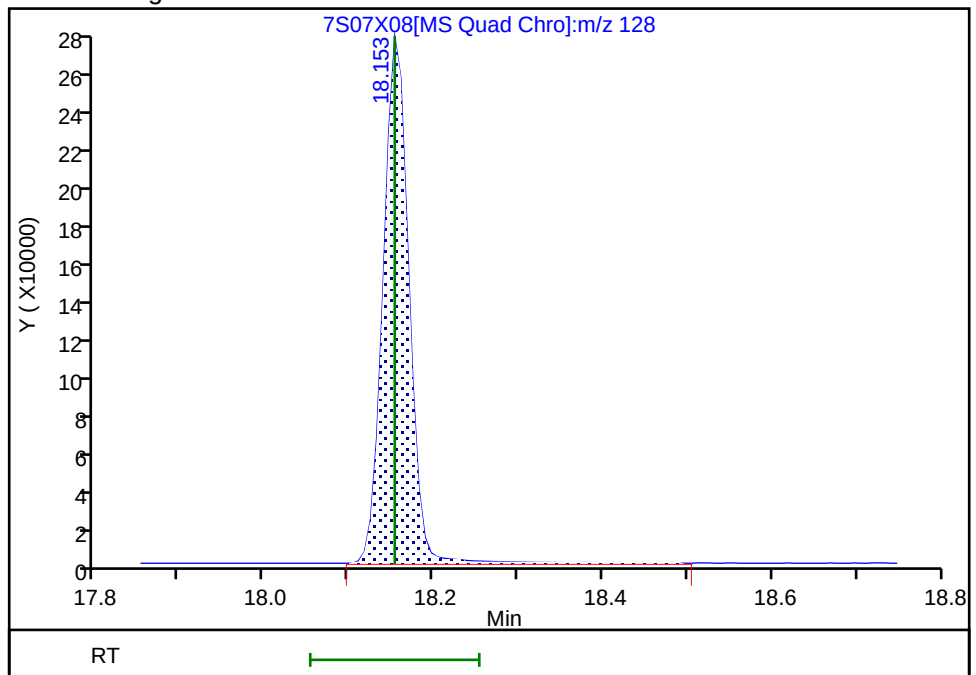
Not Detected
Expected RT: 18.15

Processing Integration Results



RT: 18.15
Area: 579652
Amount: 5.096667
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Sep-2025 14:59:02 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D
 Lims ID: IC Cal 10ppb
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 08-Sep-2025 01:42:50 ALS Bottle#: 2 Worklist Smp#: 9
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: IC CAL 10PPB
 Misc. Info.: 410-0158855-009
 Operator ID: AL109694 Instrument ID: HP8R004
 Sublist: chrom-TO15LLMethods_HP8R004*sub1
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 11-Sep-2025 08:49:53 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1694

First Level Reviewer: JXC9

Date: 08-Sep-2025 14:17:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.311	3.304	0.007	98	255298	NC	NC	
2 Dichlorodifluoromethane	85	3.376	3.376	0.000	88	793102	10.0	9.93	
3 Chlorodifluoromethane	51	3.412	3.412	0.000	69	487315	10.0	10.8	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.648	3.641	0.007	96	792190	10.0	11.1	
5 Chloromethane	50	3.770	3.770	0.000	88	294301	10.0	10.3	
124 Butane	43	4.006	4.006	0.000	100	475971	10.0	8.87	Ma
6 Vinyl chloride	62	4.013	4.013	0.000	79	323612	10.0	11.1	
7 Butadiene	54	4.092	4.092	0.000	94	236482	10.0	10.5	
8 Bromomethane	94	4.701	4.694	0.007	91	211578	10.0	9.75	
9 Chloroethane	64	4.909	4.909	0.000	95	161709	10.0	9.20	
10 Vinyl bromide	106	5.274	5.274	0.000	97	270635	10.0	9.59	
13 Dichlorofluoromethane	67	5.331	5.331	0.000	82	705307	NC	NC	
12 Trichlorofluoromethane	101	5.410	5.403	0.007	86	751212	10.0	10.3	
11 Pentane	43	5.582	5.582	0.000	96	552806	NC	NC	
14 Ethanol	45	5.654	5.661	-0.007	54	79626	NC	NC	M
19 Acrolein	56	6.148	6.148	0.000	94	131614	NC	NC	M
15 1,1-Dichloroethene	61	6.348	6.349	-0.001	86	469393	10.0	9.54	
16 1,1,2-Trichloro-1,2,2-trifluoroe	103	6.370	6.370	0.000	88	366467	10.0	10.1	
23 Acetone	43	6.370	6.377	-0.007	99	492575	10.0	9.48	
20 Isopropyl alcohol	45	6.585	6.592	-0.007	86	378548	10.0	9.85	
18 Iodomethane	142	6.606	6.606	0.000	98	596080	NC	NC	
17 Carbon disulfide	76	6.757	6.757	0.000	99	969194	10.0	9.31	
28 Acetonitrile	41	6.828	6.829	-0.001	98	304610	NC	NC	
21 3-Chloro-1-propene	41	6.979	6.972	0.007	90	411677	10.0	8.59	
22 Methylene Chloride	84	7.187	7.187	0.000	89	251528	10.0	9.13	
27 2-Methyl-2-propanol	59	7.294	7.287	0.007	97	413207	11.4	13.0	
31 Acrylonitrile	53	7.530	7.531	-0.001	97	273353	NC	NC	M
26 Methyl tert-butyl ether	73	7.631	7.631	0.000	90	797810	10.0	10.6	
24 trans-1,2-Dichloroethene	61	7.659	7.659	0.000	91	500792	10.0	9.57	
25 Hexane	56	8.111	8.111	0.000	96	247666	10.0	9.17	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Vinyl acetate	86	8.326	8.326	0.000	97	67097	NC	NC	
30 1,1-Dichloroethane	63	8.354	8.347	0.007	85	580939	10.0	9.10	
29 Isopropyl ether	45	8.390	8.390	0.000	95	1145616	NC	NC	
32 Tert-butyl ethyl ether	59	8.963	8.963	0.000	99	964870	NC	NC	
43 2-Butanone (MEK)	72	9.178	9.178	0.000	99	154956	10.0	10.5	
34 cis-1,2-Dichloroethene	61	9.242	9.235	0.007	62	555041	10.0	9.35	
38 Ethyl acetate	70	9.242	9.243	0.000	89	78295	NC	NC	
39 Methyl acrylate	55	9.328	9.321	0.007	70	599162	NC	NC	
* 35 Chlorobromomethane (IS)	130	9.615	9.608	0.007	90	349612	10.0	10.0	
41 Tetrahydrofuran	42	9.636	9.636	0.000	90	389393	10.0	9.11	
37 Chloroform	83	9.751	9.751	0.000	81	650077	10.0	9.09	
42 1,1,1-Trichloroethane	97	10.052	10.045	0.007	91	601165	10.0	9.52	
36 Cyclohexane	56	10.188	10.188	0.000	95	503855	10.0	10.1	
40 Carbon tetrachloride	117	10.303	10.303	0.000	70	593249	10.0	10.2	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.532	10.532	0.000	0	556910	NC	NC	
46 Benzene	78	10.596	10.589	0.007	97	961768	10.0	8.94	
48 1,2-Dichloroethane	62	10.654	10.654	0.000	86	451056	10.0	9.09	
47 Tert-amyl methyl ether	73	10.768	10.768	0.000	73	860801	NC	NC	
44 Isooctane	57	10.775	10.775	0.000	92	1664662	10.0	10.1	
45 n-Heptane	71	11.026	11.019	0.007	96	328238	10.0	10.1	
* 50 1,4-Difluorobenzene	114	11.219	11.212	0.007	96	1331162	10.0	10.0	
49 Trichloroethene	130	11.585	11.585	0.000	91	373158	10.0	8.71	
52 Ethyl acrylate	55	11.635	11.635	0.000	98	733346	NC	NC	
53 1,2-Dichloropropane	63	11.929	11.929	0.000	76	408839	10.0	9.13	
55 Methyl methacrylate	69	11.943	11.943	0.000	89	351854	10.0	10.4	
56 1,4-Dioxane	88	11.993	11.993	0.000	95	159520	10.0	11.0	
51 Dibromomethane	174	12.043	12.043	0.000	79	329411	NC	NC	
54 Dichlorobromomethane	83	12.244	12.244	0.000	99	707370	10.0	9.02	
57 cis-1,3-Dichloropropene	75	12.745	12.745	0.000	89	594075	10.0	9.43	
60 4-Methyl-2-pentanone (MIBK)	43	12.867	12.867	0.000	98	847197	10.0	10.2	M
\$ 103 Toluene-d8 (Surr)	98	13.053	13.053	0.000	90	1446841	NC	NC	
59 Toluene	91	13.132	13.125	0.007	92	1143487	10.0	9.16	
58 n-Octane	43	13.239	13.240	-0.001	89	881121	NC	NC	
62 trans-1,3-Dichloropropene	75	13.340	13.340	0.000	85	477201	10.0	9.53	M
63 Ethyl methacrylate	69	13.368	13.368	0.000	86	588533	NC	NC	
64 1,1,2-Trichloroethane	97	13.547	13.548	-0.001	85	401473	10.0	9.57	
61 Tetrachloroethene	166	13.669	13.662	0.007	92	469422	10.0	8.72	
67 2-Hexanone	43	13.719	13.719	0.000	99	817952	10.0	10.8	
65 Chlorodibromomethane	127	13.934	13.934	0.000	89	510197	10.0	9.47	
66 Ethylene Dibromide	107	14.063	14.063	0.000	98	596420	10.0	9.48	
* 68 Chlorobenzene-d5 (IS)	117	14.464	14.464	0.000	88	1212851	10.0	10.0	
69 Chlorobenzene	112	14.493	14.493	0.000	93	840068	10.0	8.88	
70 Ethylbenzene	91	14.557	14.558	-0.001	71	1450199	10.0	9.62	
71 1,1,1,2-Tetrachloroethane	131	14.557	14.558	-0.001	46	437022	NC	NC	
72 m-Xylene & p-Xylene	91	14.665	14.665	0.000	96	2199908	20.0	19.7	
73 o-Xylene	91	14.987	14.987	0.000	92	1106625	10.0	9.95	
74 Styrene	104	15.002	15.002	0.000	90	834565	10.0	10.3	
75 Bromoform	173	15.173	15.174	-0.001	93	565795	10.0	9.70	
76 Isopropylbenzene	105	15.267	15.267	0.000	97	1437792	10.0	10.3	
79 1,1,2,2-Tetrachloroethane	83	15.481	15.482	-0.001	71	906496	10.0	9.48	M
83 1,2,3-Trichloropropane	110	15.539	15.539	0.000	56	216419	NC	NC	
78 Bromobenzene	156	15.546	15.539	0.007	85	449763	NC	NC	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
77 N-Propylbenzene	120	15.582	15.582	0.000	98	383701	10.0	10.1	
80 4-Ethyltoluene	105	15.661	15.661	0.000	86	1462828	10.0	10.5	M
81 2-Chlorotoluene	126	15.668	15.668	0.000	90	350951	10.0	9.72	
82 1,3,5-Trimethylbenzene	105	15.696	15.696	0.000	67	1187786	10.0	10.7	Ma
84 Alpha Methyl Styrene	118	15.861	15.861	0.000	91	618924	NC	NC	
85 tert-Butylbenzene	119	15.947	15.940	0.007	76	1117209	10.0	10.1	M
86 1,2,4-Trimethylbenzene	105	15.983	15.983	0.000	97	1225681	10.0	10.4	
87 sec-Butylbenzene	105	16.105	16.105	0.000	96	1704659	10.0	10.1	
88 4-Isopropyltoluene	119	16.205	16.205	0.000	93	1347751	10.0	10.1	
89 1,3-Dichlorobenzene	146	16.226	16.227	-0.001	95	761646	10.0	9.76	
90 1,4-Dichlorobenzene	146	16.298	16.298	0.000	90	760457	10.0	9.68	
92 Benzyl chloride	126	16.370	16.370	0.000	82	183971	10.0	9.98	
91 n-Butylbenzene	92	16.506	16.506	0.000	98	750228	10.0	10.4	
94 1,2-Dichlorobenzene	146	16.577	16.578	-0.001	94	704149	10.0	9.75	
93 Hexachloroethane	117	16.814	16.814	0.000	92	401831	NC	NC	
95 1,2-Dibromo-3-Chloropropane	157	17.179	17.179	0.000	76	352562	NC	NC	
97 1,2,4-Trichlorobenzene	180	17.881	17.881	0.000	91	500941	10.0	10.3	
96 Hexachlorobutadiene	225	17.981	17.974	0.007	89	404122	10.0	9.21	
98 Naphthalene	128	18.153	18.153	0.000	98	1259545	10.0	10.9	
S 100 1,2-Dichloroethene, Total	61				0	1055833	20.0	0	
S 109 1,3-Dichloropropene, Total	75				0		20.0	19.0	
S 101 Xylenes, Total	91				0	3306533	30.0	0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

AIRCAL10.0_00619

Amount Added: 200.00

Units: mL

AIRIS200 ppb_00521

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 11-Sep-2025 08:49:58

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D

Injection Date: 08-Sep-2025 01:42:50

Instrument ID: HP8R004

Lims ID: IC Cal 10ppb

Client ID:

Operator ID: AL109694

ALS Bottle#: 2

Worklist Smp#: 9

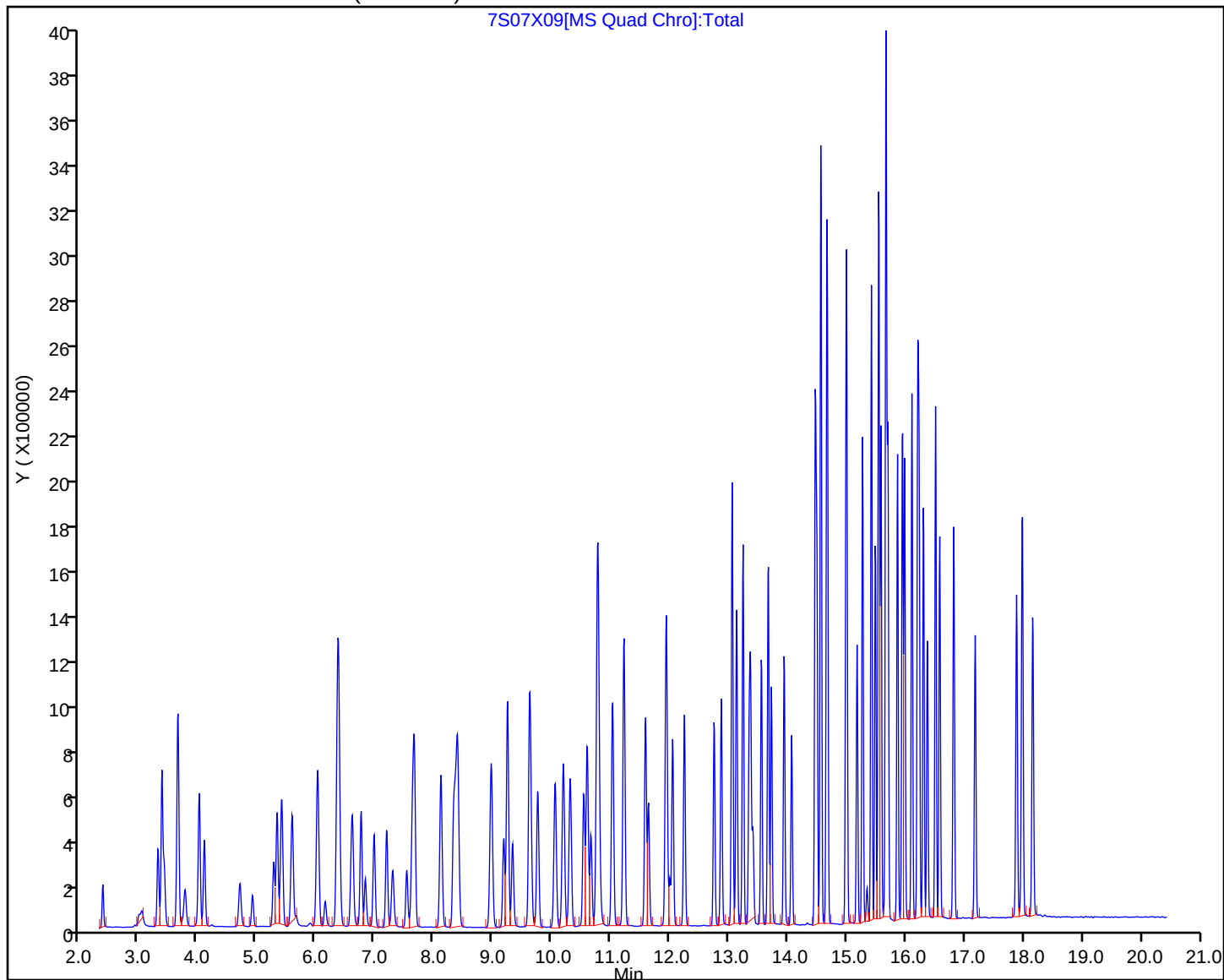
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

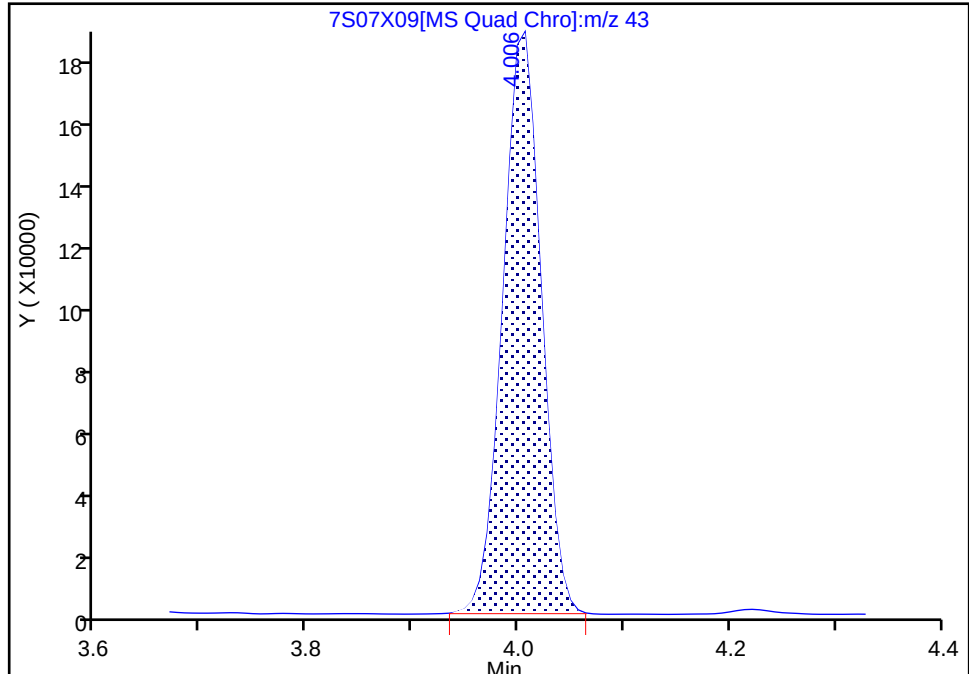
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Injection Date: 08-Sep-2025 01:42:50 Instrument ID: HP8R004
Lims ID: IC Cal 10ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

124 Butane, CAS: 106-97-8

Signal: 1

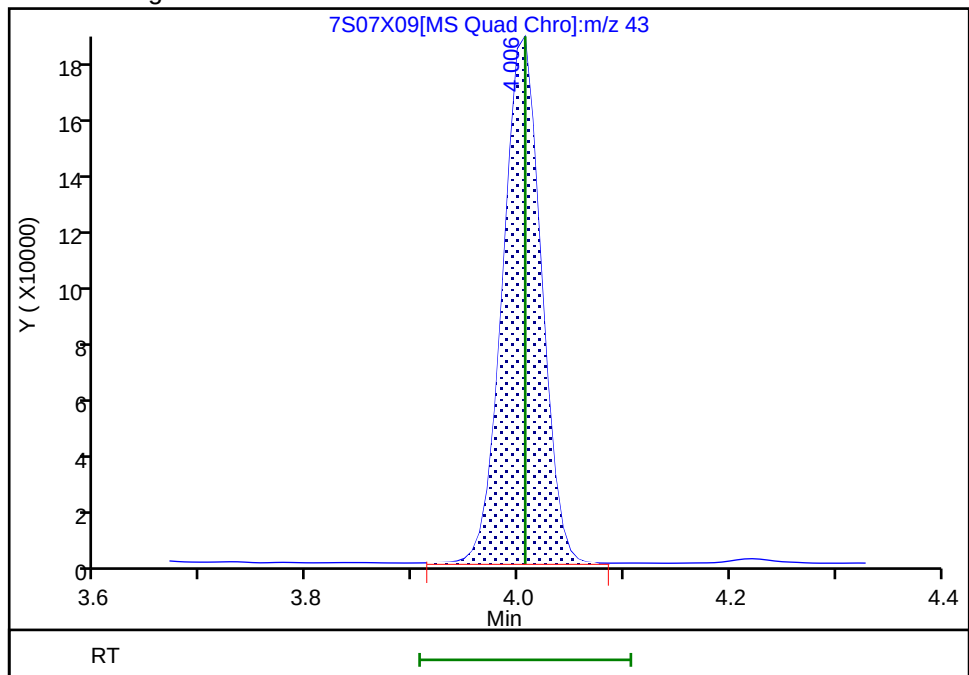
RT: 4.01
Area: 472478
Amount: 8.491517
Amount Units: ppb v/v

Processing Integration Results



RT: 4.01
Area: 475971
Amount: 8.866864
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 11:09:06 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

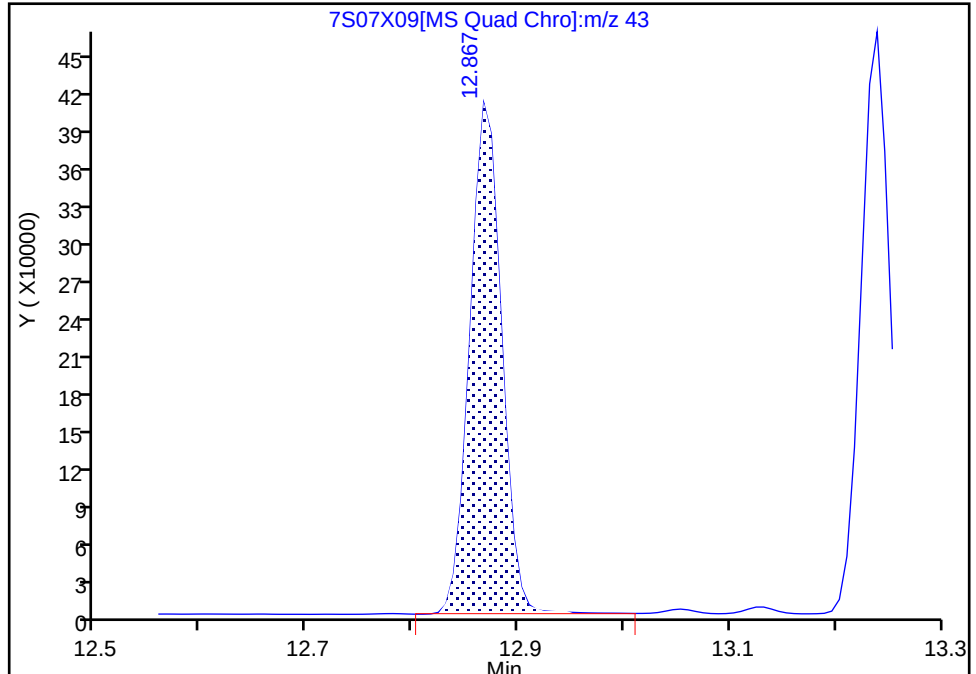
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D
Injection Date: 08-Sep-2025 01:42:50 Instrument ID: HP8R004
Lims ID: IC Cal 10ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

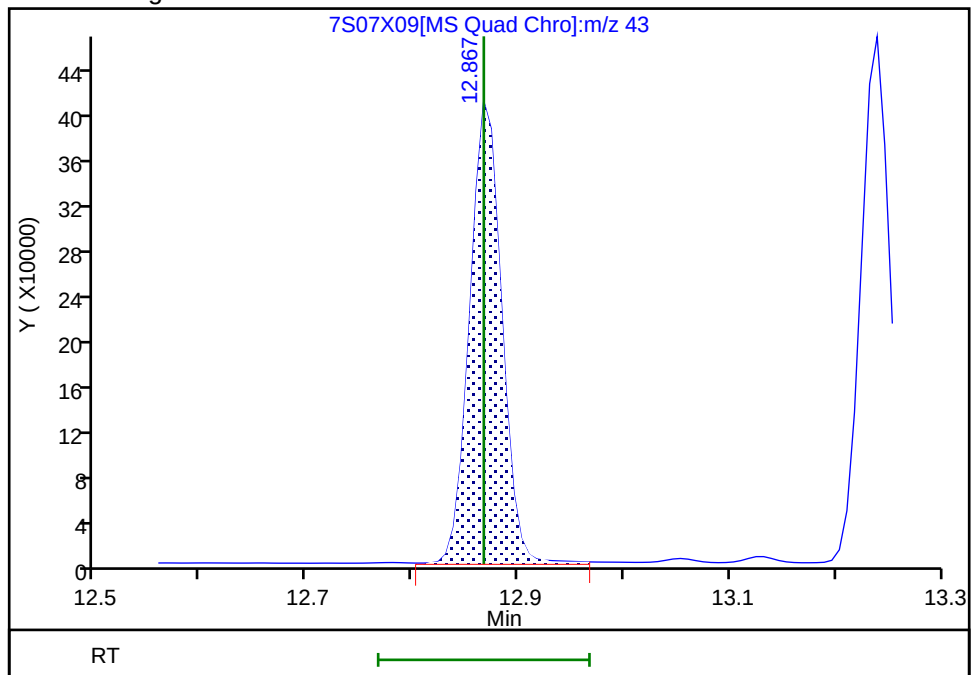
RT: 12.87
Area: 849632
Amount: 10.245285
Amount Units: ppb v/v

Processing Integration Results



RT: 12.87
Area: 847197
Amount: 10.220343
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 10:04:25 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

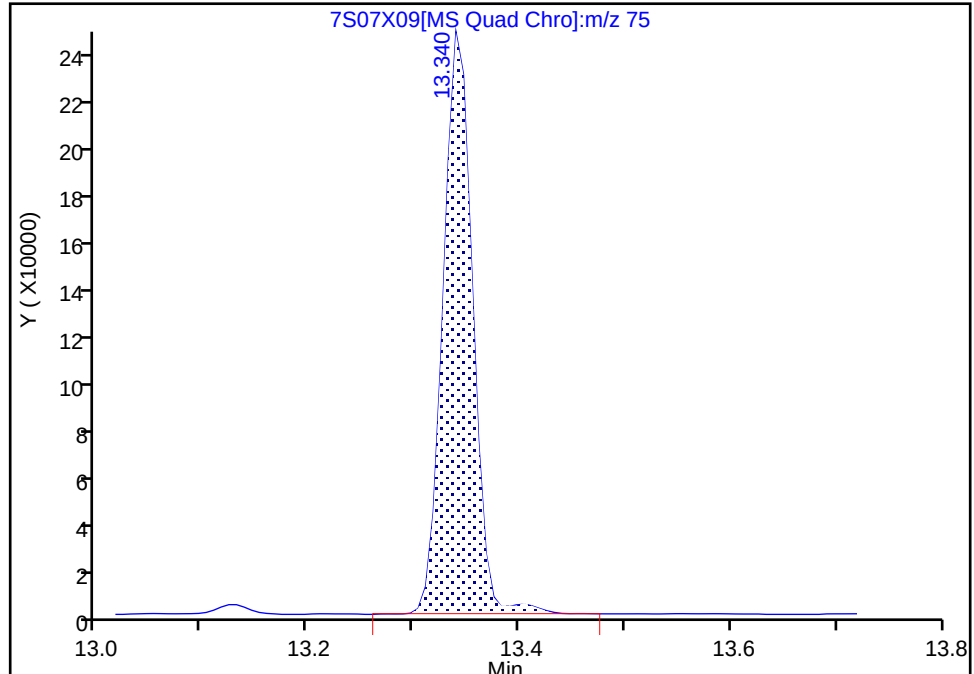
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Injection Date: 08-Sep-2025 01:42:50 Instrument ID: HP8R004
Lims ID: IC Cal 10ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

62 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

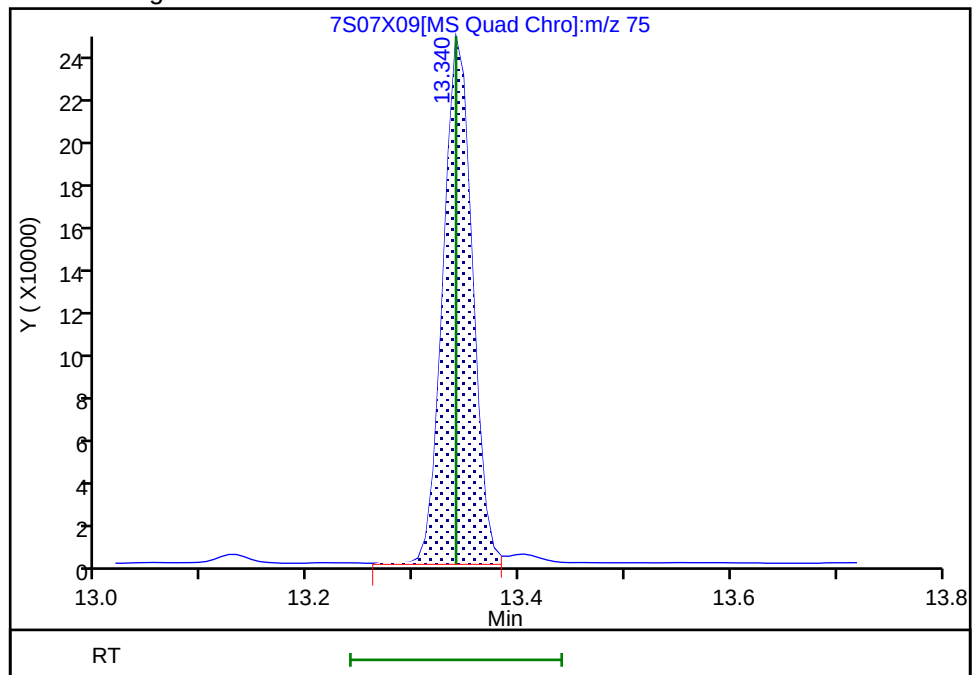
RT: 13.34
Area: 487477
Amount: 9.652480
Amount Units: ppb v/v

Processing Integration Results



RT: 13.34
Area: 477201
Amount: 9.529662
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:19:04 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

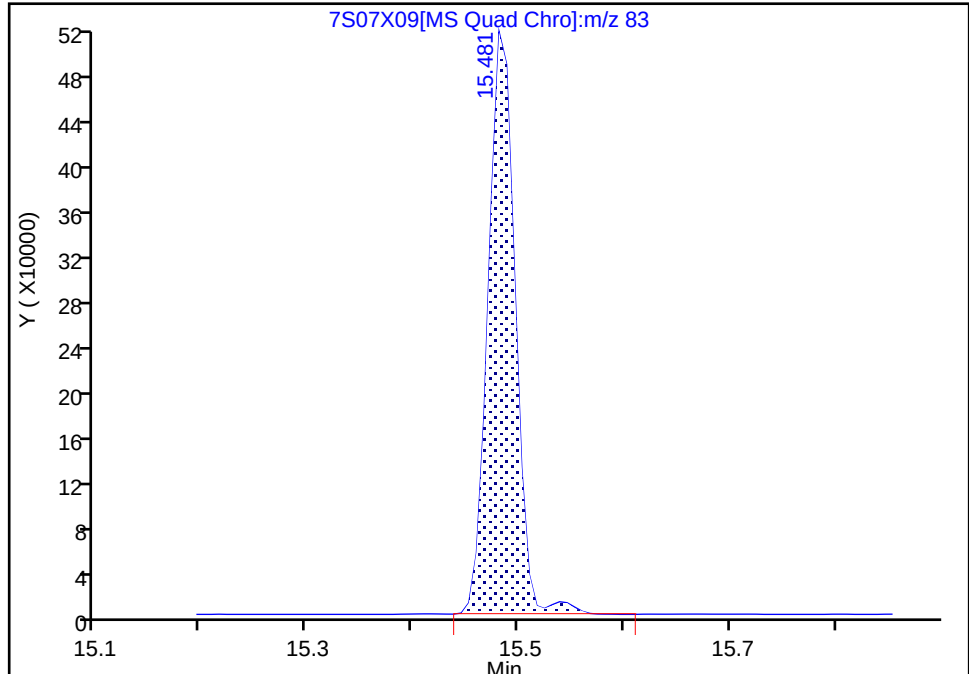
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Injection Date: 08-Sep-2025 01:42:50 Instrument ID: HP8R004
Lims ID: IC Cal 10ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

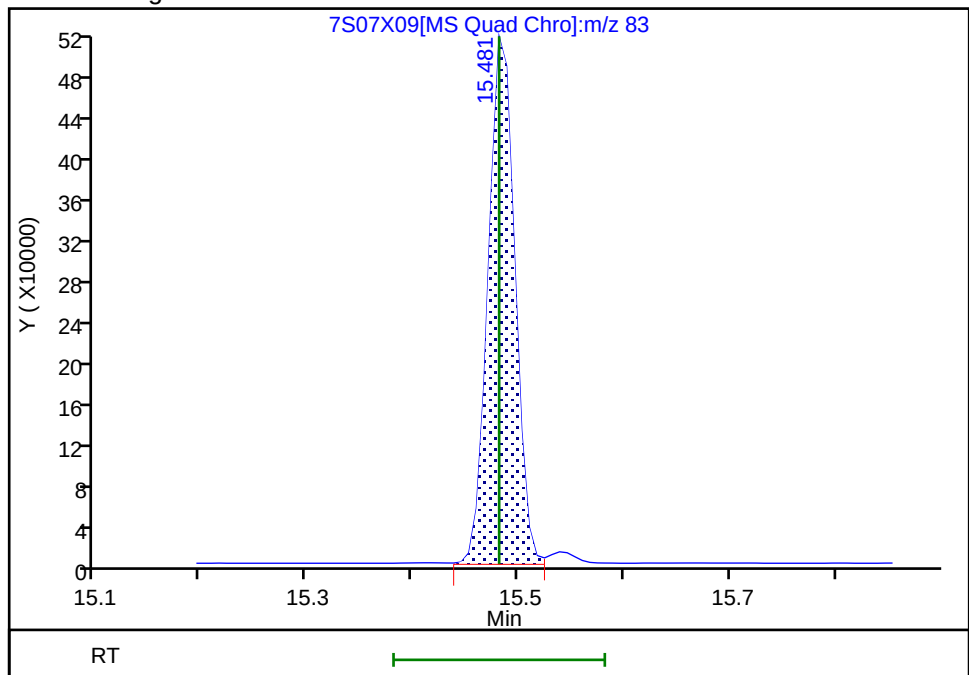
RT: 15.48
Area: 925212
Amount: 9.557377
Amount Units: ppb v/v

Processing Integration Results



RT: 15.48
Area: 906496
Amount: 9.481261
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 19:35:19 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

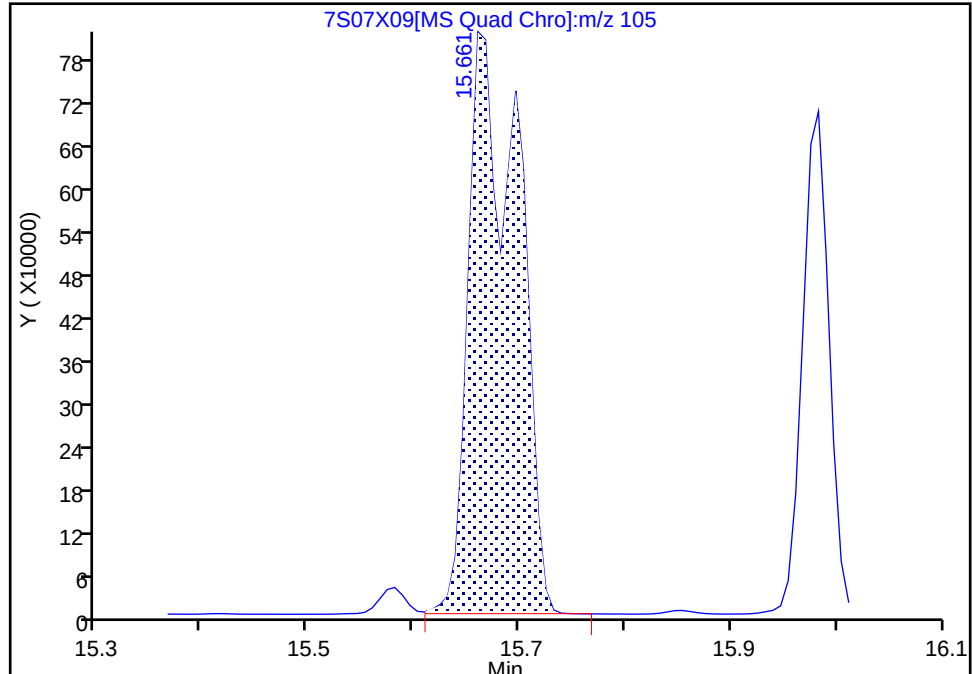
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D
Injection Date: 08-Sep-2025 01:42:50 Instrument ID: HP8R004
Lims ID: IC Cal 10ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

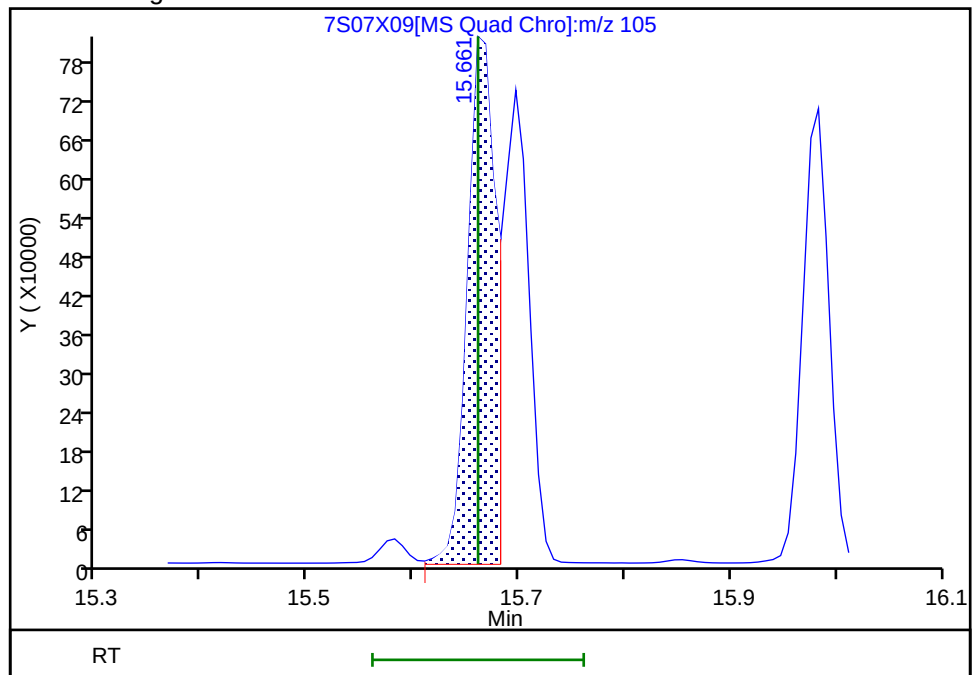
RT: 15.66
Area: 2650615
Amount: 13.967813
Amount Units: ppb v/v

Processing Integration Results



RT: 15.66
Area: 1462828
Amount: 10.512999
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 19:35:26 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

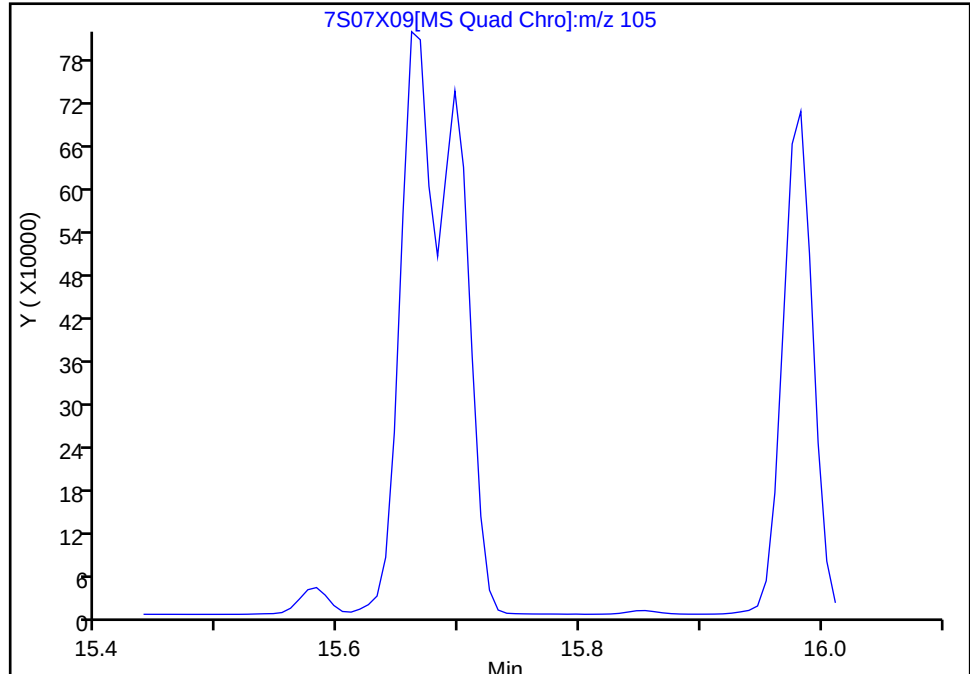
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X09.D
Injection Date: 08-Sep-2025 01:42:50 Instrument ID: HP8R004
Lims ID: IC Cal 10ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

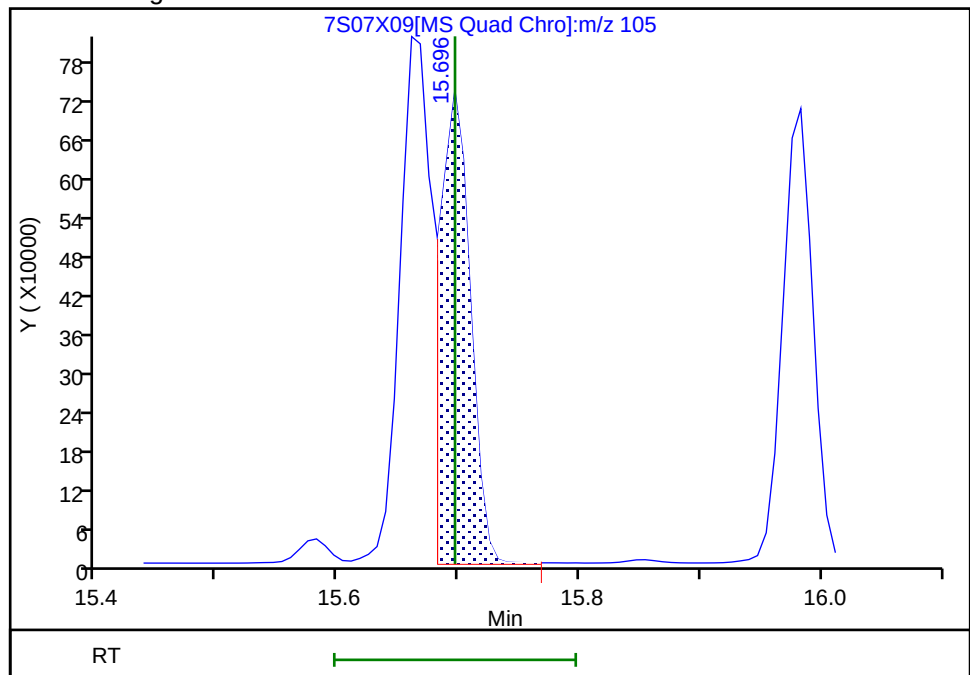
Not Detected
Expected RT: 15.70

Processing Integration Results



Manual Integration Results

RT: 15.70
Area: 1187786
Amount: 10.663213
Amount Units: ppb v/v



Reviewer: JXC9, 09-Sep-2025 19:35:35 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

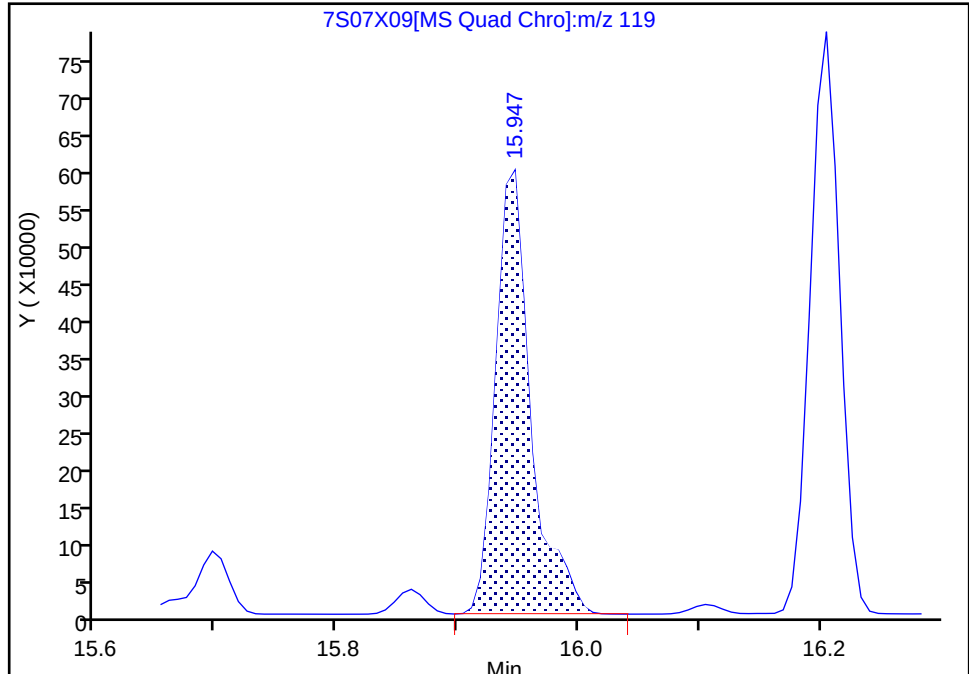
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Injection Date: 08-Sep-2025 01:42:50 Instrument ID: HP8R004
Lims ID: IC Cal 10ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

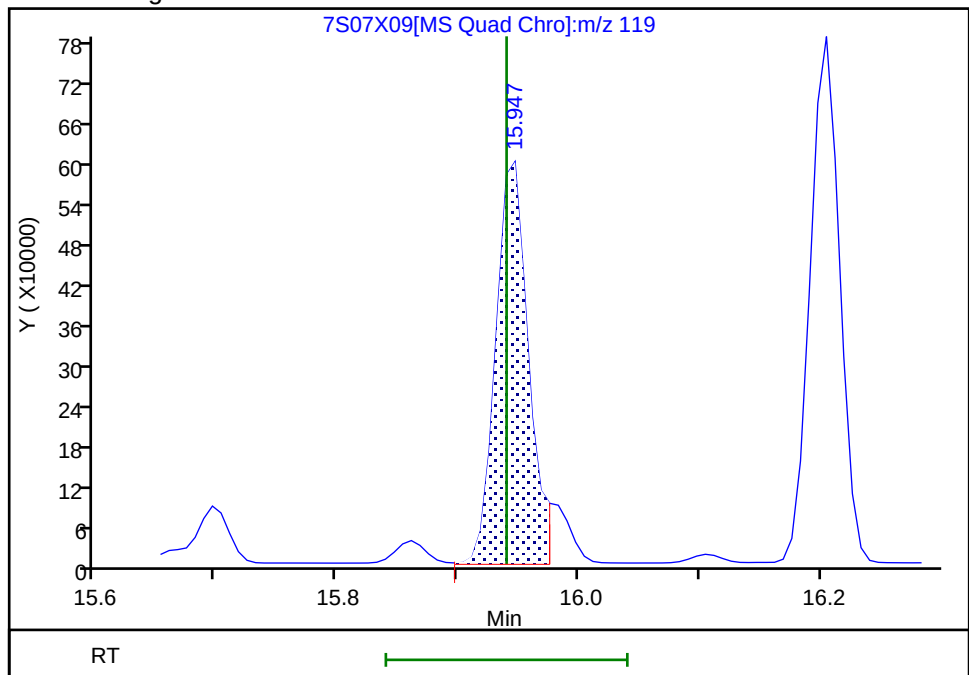
RT: 15.95
Area: 1221343
Amount: 10.318776
Amount Units: ppb v/v

Processing Integration Results



RT: 15.95
Area: 1117209
Amount: 10.067356
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:18:53 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D
 Lims ID: IC Cal 25ppb
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 08-Sep-2025 02:10:50 ALS Bottle#: 6 Worklist Smp#: 10
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: IC CAL 25PPB
 Misc. Info.: 410-0158855-010
 Operator ID: AL109694 Instrument ID: HP8R004
 Sublist: chrom-TO15LLMethods_HP8R004*sub1
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 11-Sep-2025 08:50:02 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1694

First Level Reviewer: JXC9

Date: 09-Sep-2025 19:40:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.312	3.304	0.008	98	622262	NC	NC	
2 Dichlorodifluoromethane	85	3.376	3.376	0.000	87	1946334	25.0	24.3	
3 Chlorodifluoromethane	51	3.412	3.412	0.000	79	1204988	25.0	26.6	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.648	3.641	0.007	96	1938379	25.0	27.2	
5 Chloromethane	50	3.770	3.770	0.000	88	714327	25.0	24.9	
124 Butane	43	4.006	4.006	0.000	100	1198695	25.0	22.2	a
6 Vinyl chloride	62	4.013	4.013	0.000	75	792621	25.0	27.1	
7 Butadiene	54	4.092	4.092	0.000	95	601024	25.0	26.5	
8 Bromomethane	94	4.701	4.694	0.007	91	553370	25.0	25.4	
9 Chloroethane	64	4.909	4.909	0.000	94	397395	25.0	22.5	
10 Vinyl bromide	106	5.274	5.274	0.000	99	685579	25.0	24.2	
13 Dichlorofluoromethane	67	5.332	5.331	0.001	83	1769206	NC	NC	
12 Trichlorofluoromethane	101	5.410	5.403	0.007	88	1859281	25.0	25.5	
11 Pentane	43	5.582	5.582	0.000	97	1424901	NC	NC	
14 Ethanol	45	5.647	5.661	-0.014	98	189979	NC	NC	M
19 Acrolein	56	6.141	6.148	-0.007	95	351641	NC	NC	M
15 1,1-Dichloroethene	61	6.349	6.349	0.000	86	1176908	25.0	23.8	
16 1,1,2-Trichloro-1,2,2-trifluoroe	103	6.370	6.370	0.000	84	881794	25.0	24.2	
23 Acetone	43	6.370	6.377	-0.007	99	1242831	25.0	23.8	
20 Isopropyl alcohol	45	6.585	6.592	-0.007	98	945866	25.0	24.5	
18 Iodomethane	142	6.607	6.606	0.001	99	1645455	NC	NC	
17 Carbon disulfide	76	6.757	6.757	0.000	98	2365895	25.0	22.6	
28 Acetonitrile	41	6.821	6.829	-0.008	99	760857	NC	NC	
21 3-Chloro-1-propene	41	6.972	6.972	0.000	90	1073339	25.0	22.3	
22 Methylene Chloride	84	7.187	7.187	0.000	89	627364	25.0	22.7	
27 2-Methyl-2-propanol	59	7.287	7.287	0.000	60	1052192	28.5	32.9	
31 Acrylonitrile	53	7.523	7.531	-0.008	96	693773	NC	NC	M
26 Methyl tert-butyl ether	73	7.631	7.631	0.000	92	2036423	25.0	26.9	
24 trans-1,2-Dichloroethene	61	7.660	7.659	0.001	91	1262578	25.0	24.0	
25 Hexane	56	8.104	8.111	-0.007	95	639609	25.0	23.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Vinyl acetate	86	8.319	8.326	-0.007	97	183756	NC	NC	
30 1,1-Dichloroethane	63	8.347	8.347	0.000	85	1478406	25.0	23.1	
29 Isopropyl ether	45	8.390	8.390	0.000	96	2937857	NC	NC	
32 Tert-butyl ethyl ether	59	8.963	8.963	0.000	99	2497128	NC	NC	
43 2-Butanone (MEK)	72	9.171	9.178	-0.007	99	404009	25.0	27.3	
34 cis-1,2-Dichloroethene	61	9.235	9.235	0.000	62	1422896	25.0	23.9	
38 Ethyl acetate	70	9.235	9.243	-0.007	89	209126	NC	NC	
39 Methyl acrylate	55	9.321	9.321	0.000	90	1594554	NC	NC	
* 35 Chlorobromomethane (IS)	130	9.608	9.608	0.000	90	350892	10.0	10.0	
41 Tetrahydrofuran	42	9.629	9.636	-0.007	90	1013064	25.0	23.6	
37 Chloroform	83	9.751	9.751	0.000	82	1656749	25.0	23.1	
42 1,1,1-Trichloroethane	97	10.045	10.045	0.000	92	1532653	25.0	24.2	
36 Cyclohexane	56	10.188	10.188	0.000	94	1303042	25.0	26.0	
40 Carbon tetrachloride	117	10.303	10.303	0.000	88	1541499	25.0	26.3	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.532	10.532	0.000	0	555246	NC	NC	
46 Benzene	78	10.589	10.589	0.000	93	2461683	25.0	22.7	
48 1,2-Dichloroethane	62	10.654	10.654	0.000	91	1150575	25.0	23.0	
47 Tert-amyl methyl ether	73	10.768	10.768	0.000	72	2269713	NC	NC	
44 Isooctane	57	10.775	10.775	0.000	93	4286430	25.0	25.8	
45 n-Heptane	71	11.019	11.019	0.000	96	870170	25.0	26.5	
* 50 1,4-Difluorobenzene	114	11.212	11.212	0.000	96	1343477	10.0	10.0	
49 Trichloroethene	130	11.578	11.585	-0.007	91	963134	25.0	22.3	
52 Ethyl acrylate	55	11.628	11.635	-0.007	99	1987084	NC	NC	
53 1,2-Dichloropropane	63	11.929	11.929	0.000	71	1060180	25.0	23.5	
55 Methyl methacrylate	69	11.943	11.943	0.000	90	953897	25.0	27.8	
56 1,4-Dioxane	88	11.993	11.993	0.000	95	406951	25.0	27.7	M
51 Dibromomethane	174	12.043	12.043	0.000	81	852261	NC	NC	
54 Dichlorobromomethane	83	12.244	12.244	0.000	93	1834486	25.0	23.2	
57 cis-1,3-Dichloropropene	75	12.745	12.745	0.000	91	1599668	25.0	25.2	
60 4-Methyl-2-pentanone (MIBK)	43	12.867	12.867	0.000	98	2235001	25.0	26.7	M
\$ 103 Toluene-d8 (Surr)	98	13.053	13.053	0.000	94	1455165	NC	NC	
59 Toluene	91	13.125	13.125	0.000	97	2986593	25.0	23.7	
58 n-Octane	43	13.240	13.240	0.000	89	2371532	NC	NC	
62 trans-1,3-Dichloropropene	75	13.340	13.340	0.000	95	1296442	25.0	25.6	
63 Ethyl methacrylate	69	13.361	13.368	-0.007	88	1593053	NC	NC	
64 1,1,2-Trichloroethane	97	13.548	13.548	0.000	86	1037272	25.0	24.5	
61 Tetrachloroethene	166	13.662	13.662	0.000	85	1246936	25.0	22.9	
67 2-Hexanone	43	13.720	13.719	0.001	99	2155733	25.0	28.0	
65 Chlorodibromomethane	127	13.934	13.934	0.000	89	1367585	25.0	25.1	
66 Ethylene Dibromide	107	14.063	14.063	0.000	98	1599340	25.0	25.2	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.000	88	1225987	10.0	10.0	
69 Chlorobenzene	112	14.493	14.493	0.000	91	2243671	25.0	23.5	
70 Ethylbenzene	91	14.558	14.558	0.000	71	3890799	25.0	25.5	
71 1,1,1,2-Tetrachloroethane	131	14.558	14.558	0.000	56	1174669	NC	NC	
72 m-Xylene & p-Xylene	91	14.665	14.665	0.000	96	6015080	50.0	53.2	
73 o-Xylene	91	14.987	14.987	0.000	91	3051526	25.0	27.1	
74 Styrene	104	15.002	15.002	0.000	91	2313198	25.0	28.3	
75 Bromoform	173	15.174	15.174	0.000	94	1589127	25.0	26.9	
76 Isopropylbenzene	105	15.267	15.267	0.000	96	3940900	25.0	28.0	
79 1,1,2,2-Tetrachloroethane	83	15.482	15.482	0.000	91	2471808	25.0	25.6	M
83 1,2,3-Trichloropropane	110	15.539	15.539	0.000	56	579472	NC	NC	
78 Bromobenzene	156	15.539	15.539	0.000	85	1230184	NC	NC	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
77 N-Propylbenzene	120	15.582	15.582	0.000	99	1070830	25.0	28.0	
80 4-Ethyltoluene	105	15.661	15.661	0.000	86	4176281	25.0	29.7	M
81 2-Chlorotoluene	126	15.668	15.668	0.000	89	963004	25.0	26.4	
82 1,3,5-Trimethylbenzene	105	15.697	15.696	0.001	66	3218474	25.0	28.6	Ma
84 Alpha Methyl Styrene	118	15.861	15.861	0.000	90	1845973	NC	NC	
85 tert-Butylbenzene	119	15.940	15.940	0.000	76	3153350	25.0	28.1	M
86 1,2,4-Trimethylbenzene	105	15.983	15.983	0.000	98	3462380	25.0	29.1	
87 sec-Butylbenzene	105	16.105	16.105	0.000	96	4839054	25.0	28.4	
88 4-Isopropyltoluene	119	16.205	16.205	0.000	96	3907050	25.0	28.8	
89 1,3-Dichlorobenzene	146	16.227	16.227	0.000	96	2185648	25.0	27.7	
90 1,4-Dichlorobenzene	146	16.298	16.298	0.000	90	2215777	25.0	27.9	
92 Benzyl chloride	126	16.370	16.370	0.000	82	569604	25.0	30.6	
91 n-Butylbenzene	92	16.506	16.506	0.000	98	2207406	25.0	30.2	
94 1,2-Dichlorobenzene	146	16.578	16.578	0.000	95	2071349	25.0	28.4	
93 Hexachloroethane	117	16.814	16.814	0.000	94	1400422	NC	NC	
95 1,2-Dibromo-3-Chloropropane	157	17.179	17.179	0.000	78	1050220	NC	NC	
97 1,2,4-Trichlorobenzene	180	17.881	17.881	0.000	93	1523588	25.0	30.9	
96 Hexachlorobutadiene	225	17.974	17.974	0.000	84	1252156	25.0	28.2	
98 Naphthalene	128	18.154	18.153	0.001	98	3686814	25.0	31.5	
S 100 1,2-Dichloroethene, Total	61				0	2685474	50.0	0	
S 109 1,3-Dichloropropene, Total	75				0		50.0	50.8	
S 101 Xylenes, Total	91				0	9066606	75.0	0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

AIRCAL50.0_00191

Amount Added: 100.00

Units: mL

AIRIS200 ppb_00521

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 11-Sep-2025 08:50:06

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D

Injection Date: 08-Sep-2025 02:10:50

Instrument ID: HP8R004

Lims ID: IC Cal 25ppb

Client ID:

Operator ID: AL109694

ALS Bottle#: 6

Worklist Smp#: 10

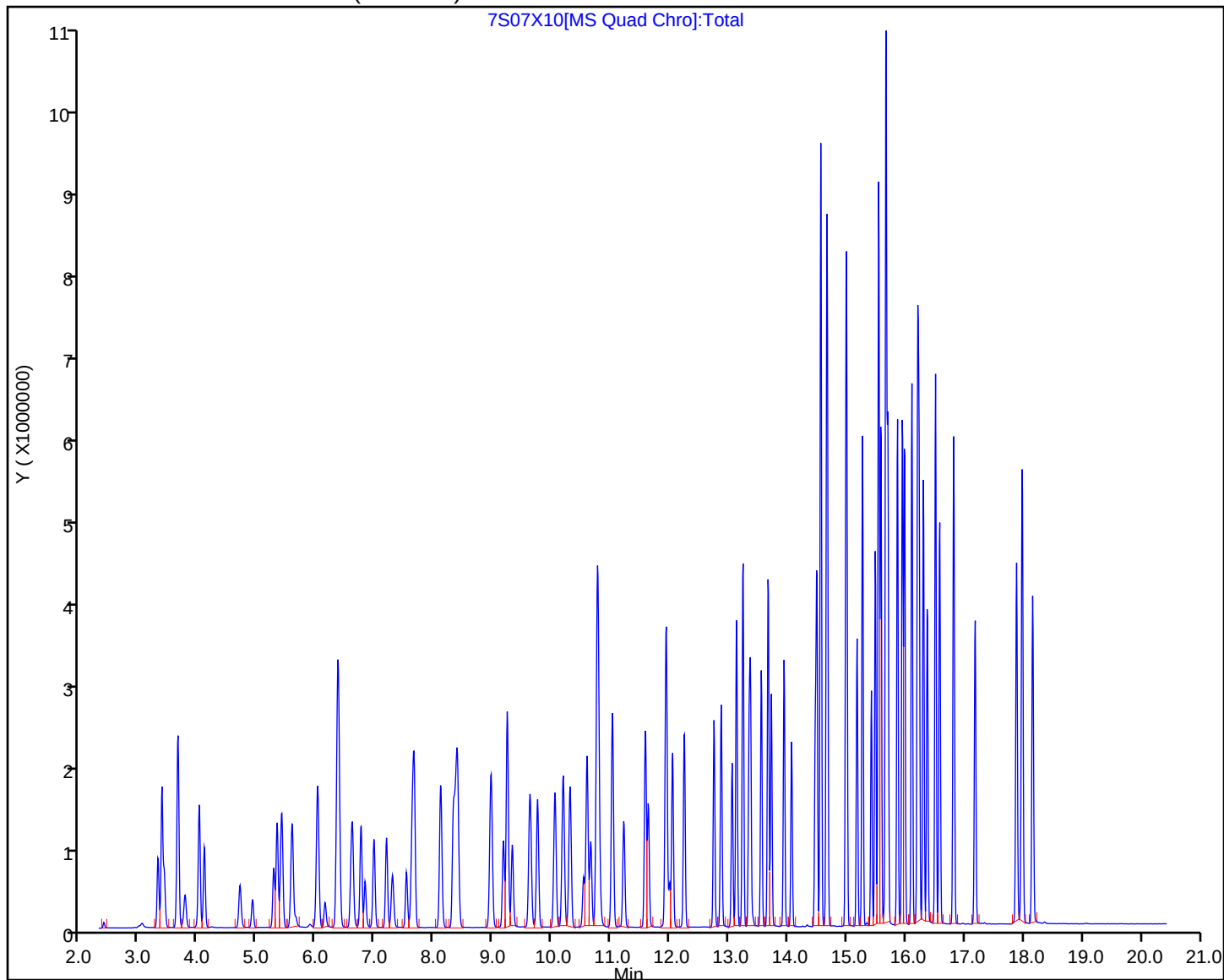
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

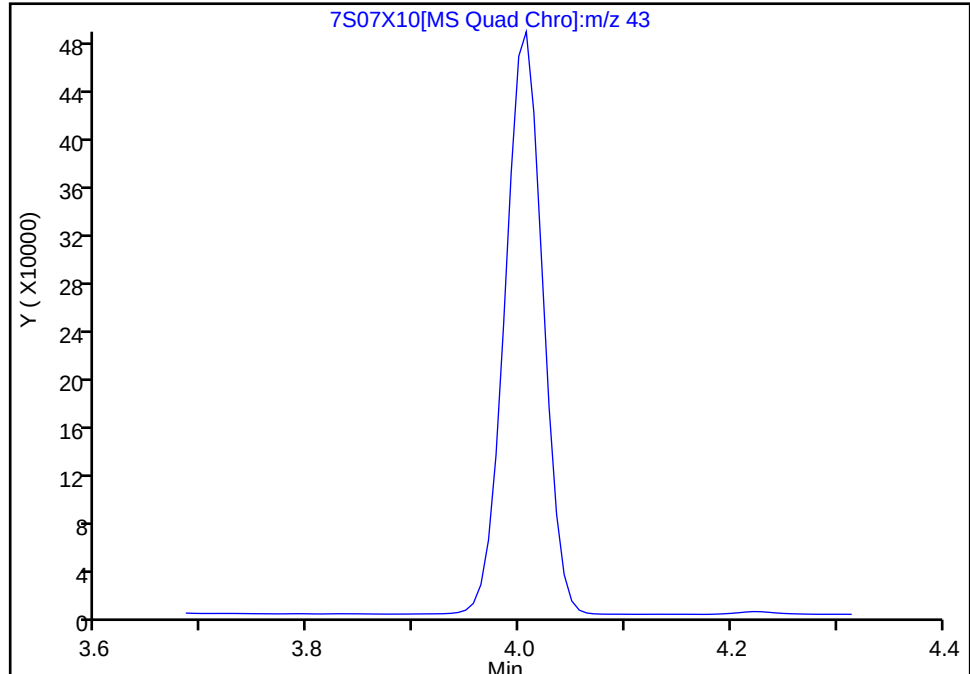
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D
Injection Date: 08-Sep-2025 02:10:50 Instrument ID: HP8R004
Lims ID: IC Cal 25ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 6 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

124 Butane, CAS: 106-97-8

Signal: 1

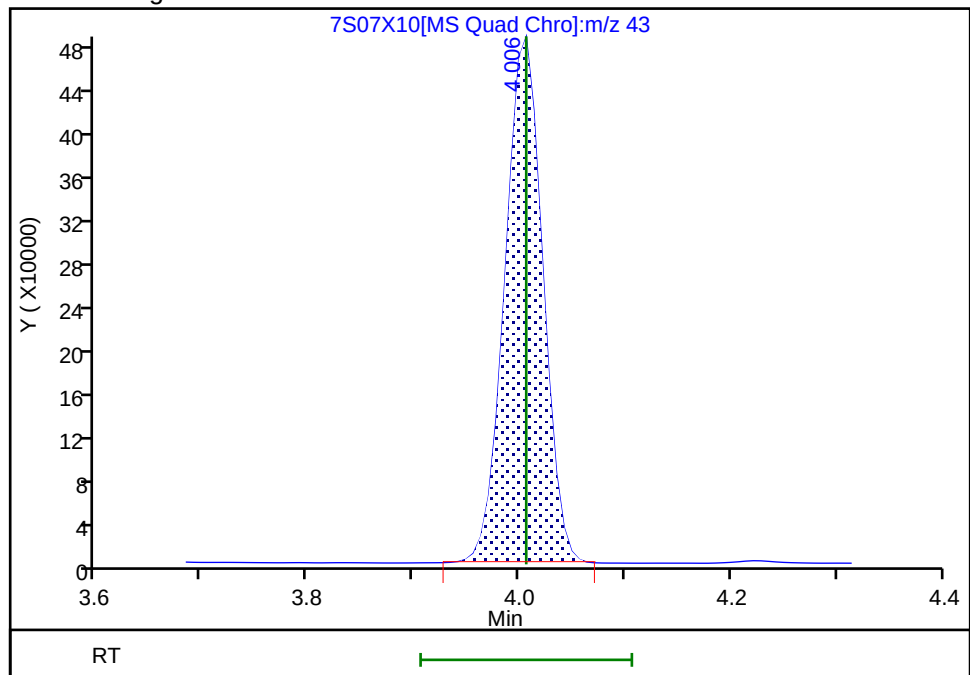
Not Detected
Expected RT: 4.01

Processing Integration Results



RT: 4.01
Area: 1198695
Amount: 22.249030
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 11:09:16 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

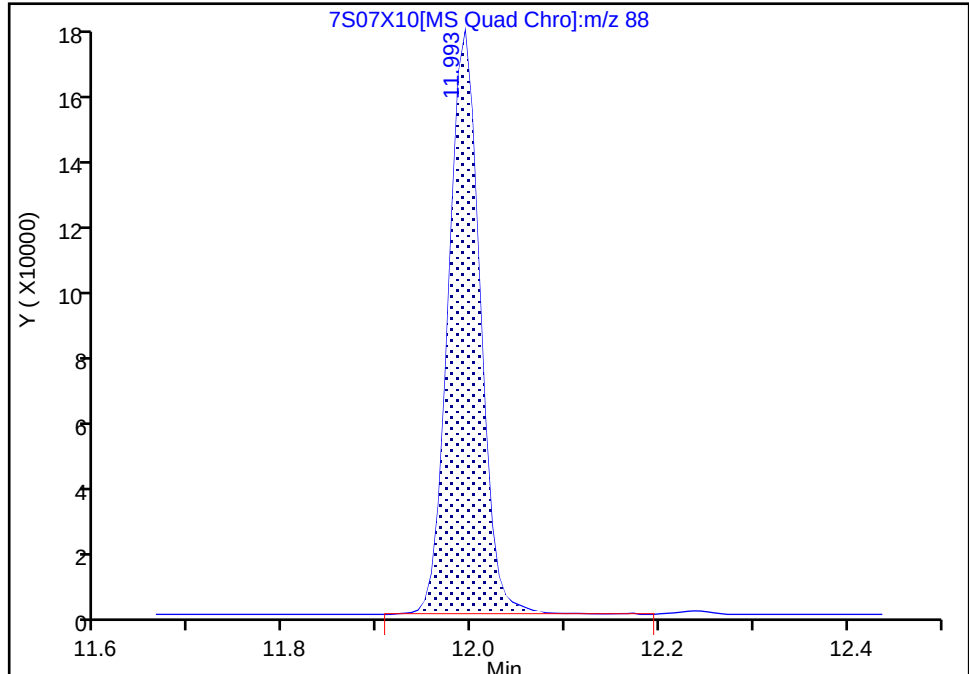
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D
Injection Date: 08-Sep-2025 02:10:50 Instrument ID: HP8R004
Lims ID: IC Cal 25ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 6 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

56 1,4-Dioxane, CAS: 123-91-1

Signal: 1

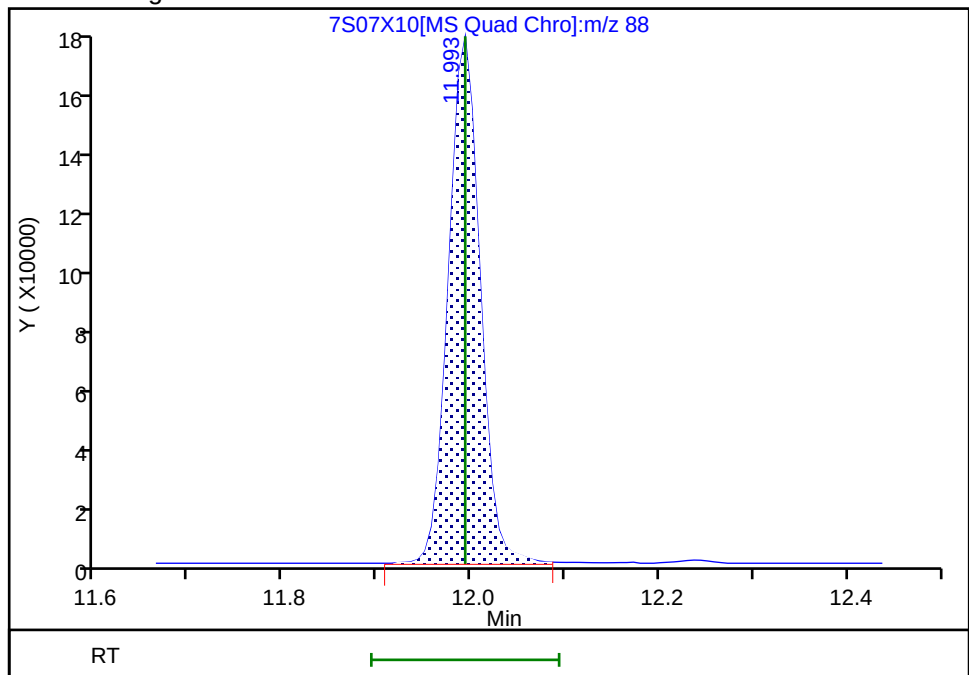
RT: 11.99
Area: 408257
Amount: 27.795212
Amount Units: ppb v/v

Processing Integration Results



RT: 11.99
Area: 406951
Amount: 27.724699
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 10:04:44 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

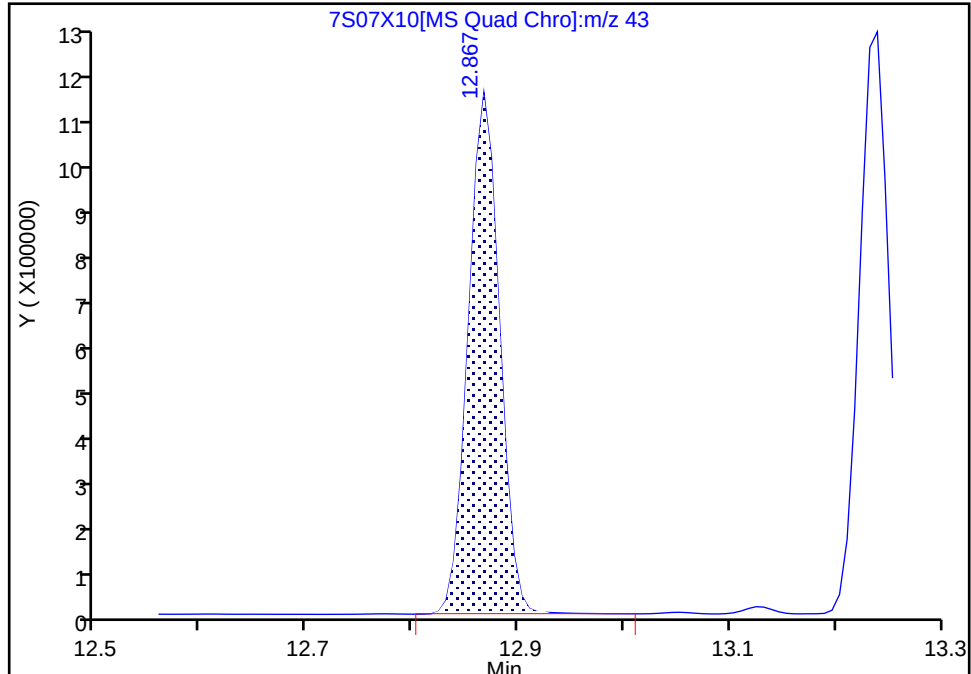
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D
Injection Date: 08-Sep-2025 02:10:50 Instrument ID: HP8R004
Lims ID: IC Cal 25ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 6 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

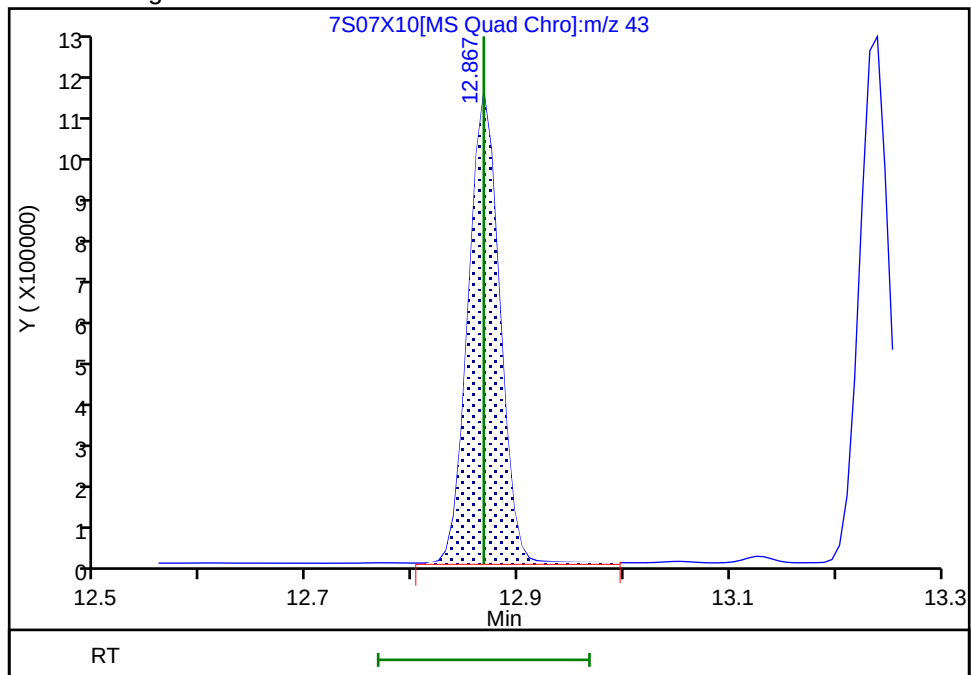
RT: 12.87
Area: 2236011
Amount: 26.724496
Amount Units: ppb v/v

Processing Integration Results



RT: 12.87
Area: 2235001
Amount: 26.715262
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 10:04:51 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

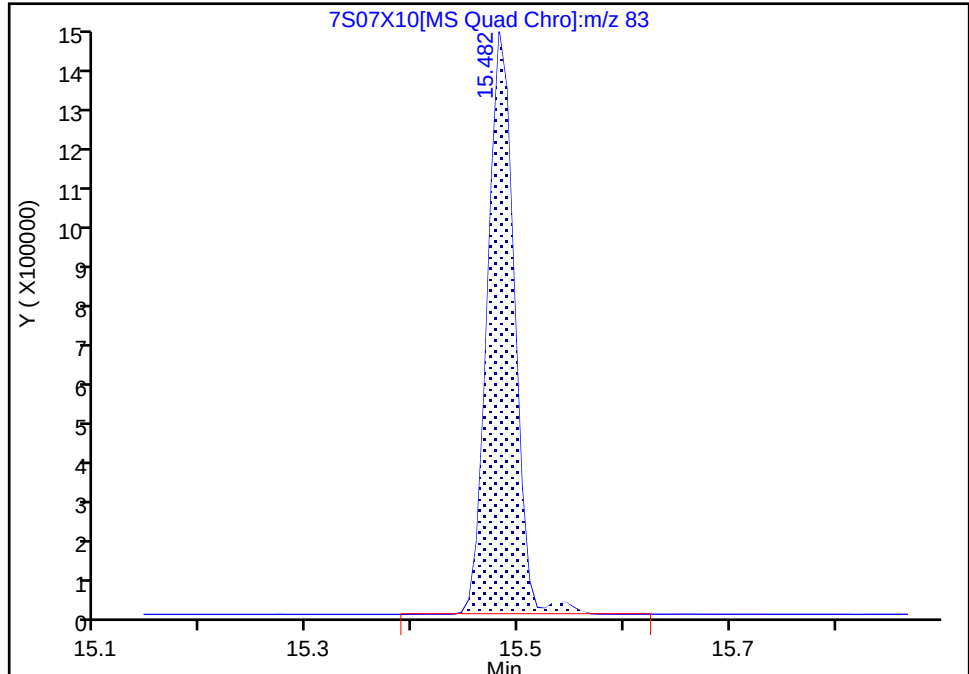
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D
Injection Date: 08-Sep-2025 02:10:50 Instrument ID: HP8R004
Lims ID: IC Cal 25ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 6 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

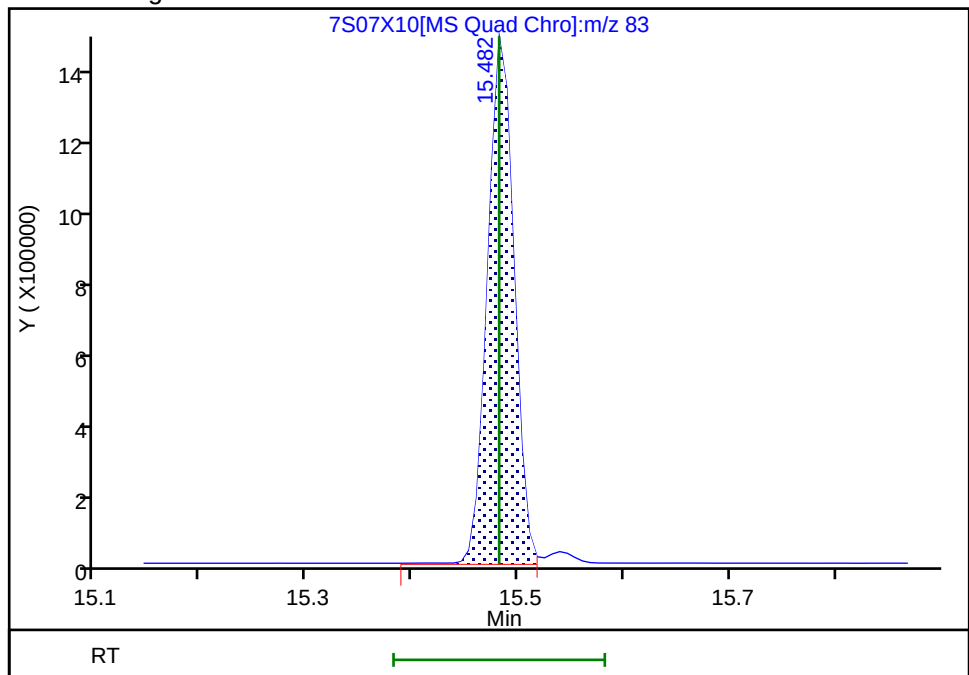
RT: 15.48
Area: 2529727
Amount: 25.907569
Amount Units: ppb v/v

Processing Integration Results



RT: 15.48
Area: 2471808
Amount: 25.576230
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 19:39:56 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

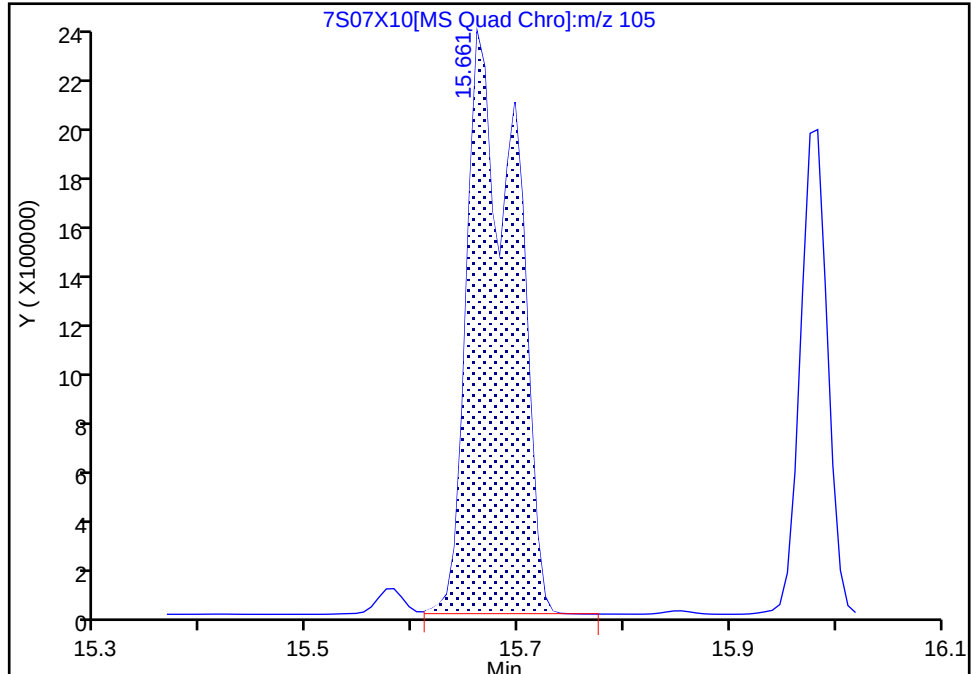
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D
Injection Date: 08-Sep-2025 02:10:50 Instrument ID: HP8R004
Lims ID: IC Cal 25ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 6 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

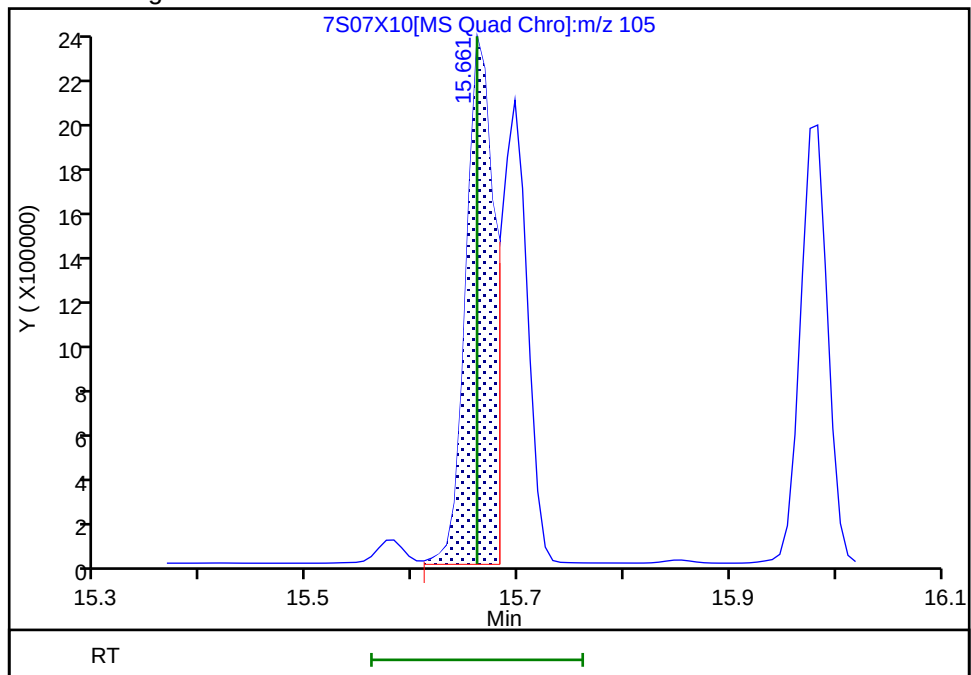
RT: 15.66
Area: 7394755
Amount: 41.431692
Amount Units: ppb v/v

Processing Integration Results



RT: 15.66
Area: 4176281
Amount: 29.692356
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 19:40:02 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

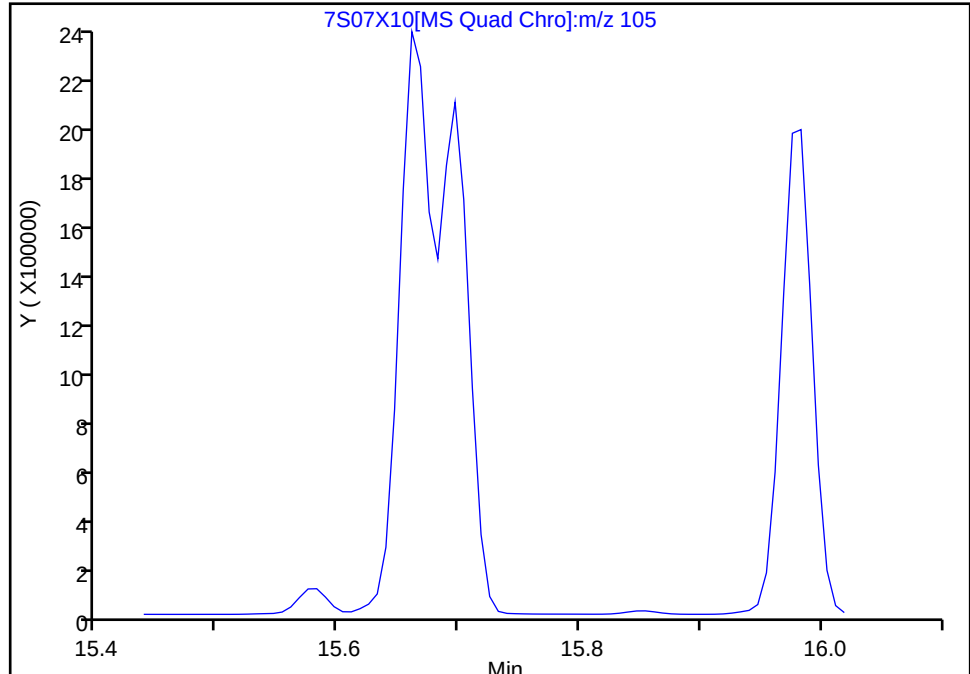
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X10.D
Injection Date: 08-Sep-2025 02:10:50 Instrument ID: HP8R004
Lims ID: IC Cal 25ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 6 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

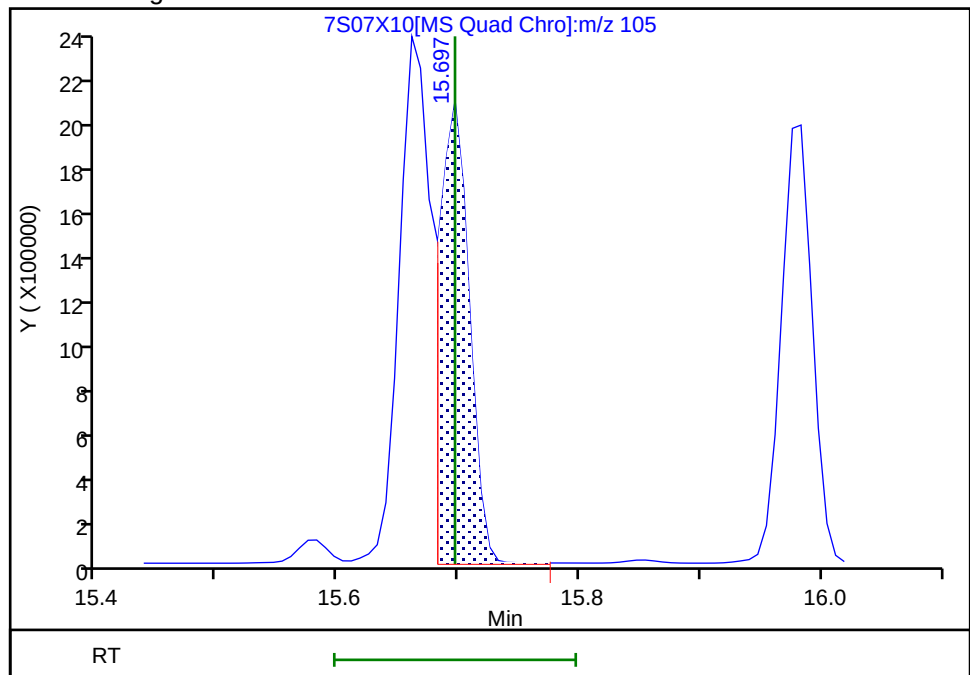
Not Detected
Expected RT: 15.70

Processing Integration Results



RT: 15.70
Area: 3218474
Amount: 28.583898
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 19:40:12 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

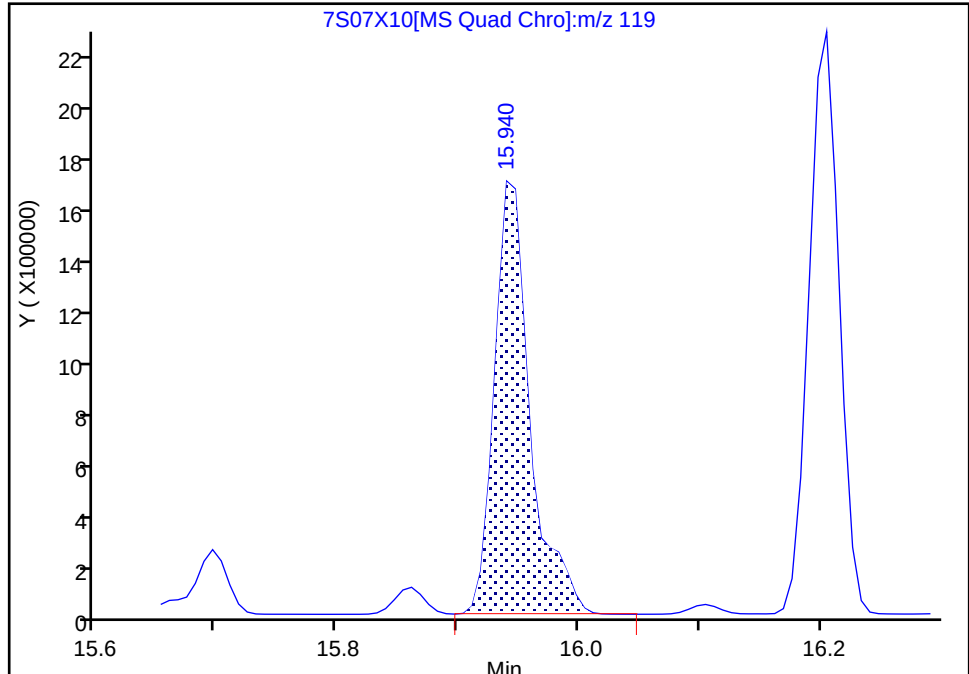
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Injection Date: 08-Sep-2025 02:10:50 Instrument ID: HP8R004
Lims ID: IC Cal 25ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 6 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

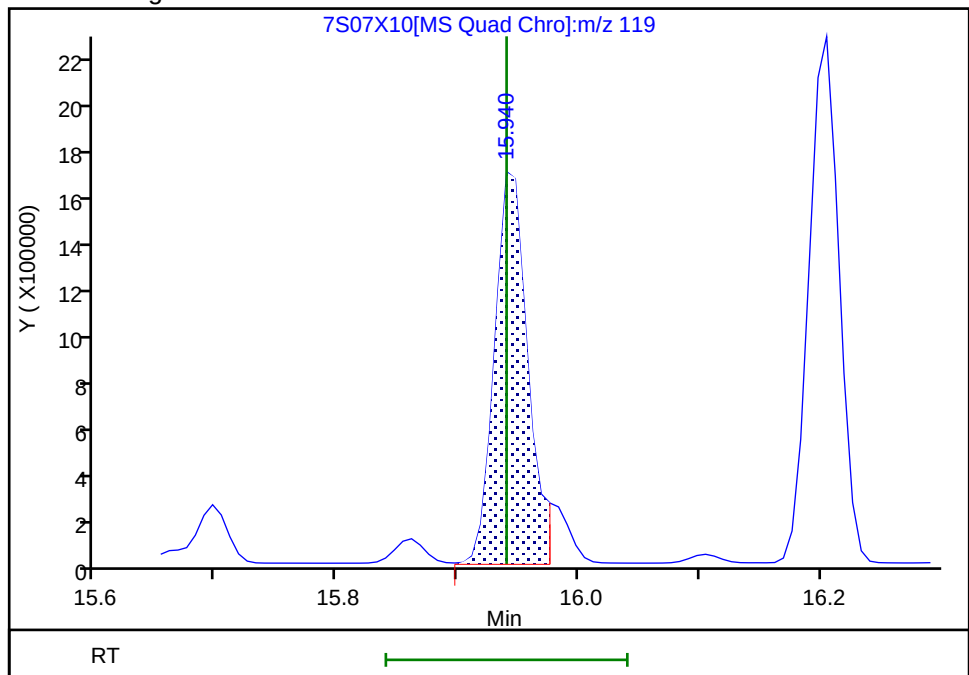
RT: 15.94
Area: 3430745
Amount: 28.382343
Amount Units: ppb v/v

Processing Integration Results



RT: 15.94
Area: 3153350
Amount: 28.110902
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:17:19 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Lims ID: IC Cal 50ppb
 Client ID:
 Sample Type: IC Calib Level: 9
 Inject. Date: 08-Sep-2025 02:41:13 ALS Bottle#: 6 Worklist Smp#: 11
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: IC CAL 50PPB
 Misc. Info.: 410-0158855-011
 Operator ID: AL109694 Instrument ID: HP8R004
 Sublist: chrom-TO15LLMethods_HP8R004*sub1
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 11-Sep-2025 08:50:09 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1694

First Level Reviewer: D7UM

Date: 08-Sep-2025 13:55:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.312	3.304	0.008	98	1316195	NC	NC	
2 Dichlorodifluoromethane	85	3.376	3.376	0.000	87	3979326	50.0	46.0	
3 Chlorodifluoromethane	51	3.412	3.412	0.000	80	2521436	50.0	51.5	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.648	3.641	0.007	96	4047500	50.0	52.6	
5 Chloromethane	50	3.770	3.770	0.000	89	1477472	50.0	47.7	
124 Butane	43	4.006	4.006	0.000	99	2462009	50.0	42.4	a
6 Vinyl chloride	62	4.014	4.013	0.001	74	1652848	50.0	52.5	
7 Butadiene	54	4.092	4.092	0.000	94	1251805	50.0	51.2	
8 Bromomethane	94	4.701	4.694	0.007	91	1149303	50.0	49.0	
9 Chloroethane	64	4.916	4.909	0.007	94	818978	50.0	43.0	
10 Vinyl bromide	106	5.274	5.274	0.000	97	1432131	50.0	46.9	
13 Dichlorofluoromethane	67	5.332	5.331	0.001	82	3611380	NC	NC	
12 Trichlorofluoromethane	101	5.410	5.403	0.007	88	3794042	50.0	48.2	
11 Pentane	43	5.582	5.582	0.000	97	2903540	NC	NC	
14 Ethanol	45	5.647	5.661	-0.014	97	393271	NC	NC	M
19 Acrolein	56	6.141	6.148	-0.007	93	740027	NC	NC	M
15 1,1-Dichloroethene	61	6.349	6.349	0.000	86	2438928	50.0	45.8	
16 1,1,2-Trichloro-1,2,2-trifluoroe	103	6.370	6.370	0.000	89	1848120	50.0	47.1	
23 Acetone	43	6.370	6.377	-0.007	99	2534459	50.0	45.1	
20 Isopropyl alcohol	45	6.585	6.592	-0.007	99	1958633	50.0	47.1	
18 Iodomethane	142	6.607	6.606	0.001	99	3475697	NC	NC	
17 Carbon disulfide	76	6.750	6.757	-0.007	100	4845550	50.0	43.0	
28 Acetonitrile	41	6.821	6.829	-0.008	99	1560874	NC	NC	
21 3-Chloro-1-propene	41	6.972	6.972	0.000	90	2215172	50.0	42.7	
22 Methylene Chloride	84	7.187	7.187	0.000	89	1289102	50.0	43.2	
27 2-Methyl-2-propanol	59	7.287	7.287	0.000	97	2172133	57.0	62.9	
31 Acrylonitrile	53	7.523	7.531	-0.008	96	1442908	NC	NC	M
26 Methyl tert-butyl ether	73	7.624	7.631	-0.007	89	4282893	50.0	52.5	
24 trans-1,2-Dichloroethene	61	7.660	7.659	0.001	91	2575933	50.0	45.5	
25 Hexane	56	8.104	8.111	-0.007	94	1295701	50.0	44.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Vinyl acetate	86	8.319	8.326	-0.007	97	392103	NC	NC	
30 1,1-Dichloroethane	63	8.347	8.347	0.000	85	2976315	50.0	43.1	
29 Isopropyl ether	45	8.390	8.390	0.000	95	5989765	NC	NC	
32 Tert-butyl ethyl ether	59	8.956	8.963	-0.007	99	5255868	NC	NC	
43 2-Butanone (MEK)	72	9.171	9.178	-0.007	99	832794	50.0	52.1	
34 cis-1,2-Dichloroethene	61	9.235	9.235	0.000	62	2898443	50.0	45.1	
38 Ethyl acetate	70	9.235	9.243	-0.007	89	426064	NC	NC	
39 Methyl acrylate	55	9.321	9.321	0.000	93	3294829	NC	NC	
* 35 Chlorobromomethane (IS)	130	9.608	9.608	0.000	71	378290	10.0	10.0	
41 Tetrahydrofuran	42	9.629	9.636	-0.007	90	2080594	50.0	45.0	
37 Chloroform	83	9.751	9.751	0.000	82	3361656	50.0	43.4	
42 1,1,1-Trichloroethane	97	10.045	10.045	0.000	57	3168588	50.0	46.4	
36 Cyclohexane	56	10.188	10.188	0.000	93	2738775	50.0	50.7	
40 Carbon tetrachloride	117	10.303	10.303	0.000	69	3196107	50.0	50.6	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.532	10.532	0.000	0	575727	NC	NC	
46 Benzene	78	10.589	10.589	0.000	94	4965537	50.0	43.4	
48 1,2-Dichloroethane	62	10.654	10.654	0.000	90	2302139	50.0	43.6	
47 Tert-amyl methyl ether	73	10.761	10.768	-0.007	77	4765982	NC	NC	
44 Isooctane	57	10.776	10.775	0.001	93	8766575	50.0	50.0	
45 n-Heptane	71	11.019	11.019	0.000	96	1790299	50.0	51.7	
* 50 1,4-Difluorobenzene	114	11.212	11.212	0.000	84	1416709	10.0	10.0	
49 Trichloroethene	130	11.578	11.585	-0.007	91	1976023	50.0	43.3	
52 Ethyl acrylate	55	11.628	11.635	-0.007	99	4158733	NC	NC	
53 1,2-Dichloropropane	63	11.929	11.929	0.000	70	2144663	50.0	45.0	
55 Methyl methacrylate	69	11.943	11.943	0.000	90	1990629	50.0	55.0	
56 1,4-Dioxane	88	11.993	11.993	0.000	95	837964	50.0	54.1	M
51 Dibromomethane	174	12.043	12.043	0.000	81	1749790	NC	NC	
54 Dichlorobromomethane	83	12.237	12.244	-0.007	93	3730966	50.0	44.7	
57 cis-1,3-Dichloropropene	75	12.745	12.745	0.000	91	3317150	50.0	49.5	
60 4-Methyl-2-pentanone (MIBK)	43	12.867	12.867	0.000	98	4585995	50.0	52.0	M
\$ 103 Toluene-d8 (Surr)	98	13.053	13.053	0.000	94	1516821	NC	NC	
59 Toluene	91	13.125	13.125	0.000	97	5988243	50.0	45.4	
58 n-Octane	43	13.240	13.240	0.000	88	4767628	NC	NC	
62 trans-1,3-Dichloropropene	75	13.340	13.340	0.000	95	2690711	50.0	50.9	
63 Ethyl methacrylate	69	13.361	13.368	-0.007	88	3321223	NC	NC	
64 1,1,2-Trichloroethane	97	13.548	13.548	0.000	86	2097374	50.0	47.3	
61 Tetrachloroethene	166	13.662	13.662	0.000	85	2552037	50.0	44.9	
67 2-Hexanone	43	13.720	13.719	0.001	99	4412094	50.0	54.9	
65 Chlorodibromomethane	127	13.934	13.934	0.000	90	2834643	50.0	49.8	
66 Ethylene Dibromide	107	14.063	14.063	0.000	98	3274704	50.0	49.3	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	73	1281454	10.0	10.0	
69 Chlorobenzene	112	14.493	14.493	0.000	91	4512519	50.0	45.2	
70 Ethylbenzene	91	14.558	14.558	0.000	70	7807264	50.0	49.0	
71 1,1,1,2-Tetrachloroethane	131	14.558	14.558	0.000	57	2437665	NC	NC	
72 m-Xylene & p-Xylene	91	14.665	14.665	0.000	97	11768745	100.0	99.6	
73 o-Xylene	91	14.987	14.987	0.000	91	6170123	50.0	52.5	
74 Styrene	104	15.002	15.002	0.000	90	4692033	50.0	55.0	
75 Bromoform	173	15.174	15.174	0.000	93	3312934	50.0	53.7	
76 Isopropylbenzene	105	15.267	15.267	0.000	96	7870684	50.0	53.5	
79 1,1,2,2-Tetrachloroethane	83	15.482	15.482	0.000	91	4972960	50.0	49.2	M
83 1,2,3-Trichloropropane	110	15.539	15.539	0.000	59	1194647	NC	NC	
78 Bromobenzene	156	15.539	15.539	0.000	86	2535396	NC	NC	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
77 N-Propylbenzene	120	15.582	15.582	0.000	98	2212612	50.0	55.4	
80 4-Ethyltoluene	105	15.661	15.661	0.000	86	8276627	50.0	56.3	M
81 2-Chlorotoluene	126	15.668	15.668	0.000	89	2005826	50.0	52.6	
82 1,3,5-Trimethylbenzene	105	15.697	15.696	0.001	67	6527926	50.0	55.5	Ma
84 Alpha Methyl Styrene	118	15.861	15.861	0.000	90	3846672	NC	NC	
85 tert-Butylbenzene	119	15.947	15.940	0.007	76	6394301	50.0	54.5	M
86 1,2,4-Trimethylbenzene	105	15.983	15.983	0.000	98	6929144	50.0	55.7	
87 sec-Butylbenzene	105	16.105	16.105	0.000	96	9498943	50.0	53.2	
88 4-Isopropyltoluene	119	16.205	16.205	0.000	96	7809161	50.0	55.2	
89 1,3-Dichlorobenzene	146	16.227	16.227	0.000	96	4431636	50.0	53.7	
90 1,4-Dichlorobenzene	146	16.298	16.298	0.000	90	4499786	50.0	54.2	
92 Benzyl chloride	126	16.370	16.370	0.000	97	1238937	50.0	63.6	
91 n-Butylbenzene	92	16.506	16.506	0.000	99	4498530	50.0	58.9	
94 1,2-Dichlorobenzene	146	16.578	16.578	0.000	90	4226204	50.0	55.4	
93 Hexachloroethane	117	16.814	16.814	0.000	95	2951624	NC	NC	
95 1,2-Dibromo-3-Chloropropane	157	17.179	17.179	0.000	79	2205444	NC	NC	
97 1,2,4-Trichlorobenzene	180	17.881	17.881	0.000	93	3179453	50.0	61.7	
96 Hexachlorobutadiene	225	17.982	17.974	0.008	91	2579118	50.0	55.6	
98 Naphthalene	128	18.154	18.153	0.001	98	7588783	50.0	62.0	
S 100 1,2-Dichloroethene, Total	61				0	5474376	100.0	0	
S 109 1,3-Dichloropropene, Total	75				0		100.0	100.3	
S 101 Xylenes, Total	91				0	17938868	150.0	0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

AIRCAL50.0_00191

Amount Added: 200.00

Units: mL

AIRIS200 ppb_00521

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 11-Sep-2025 08:50:14

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Injection Date: 08-Sep-2025 02:41:13

Instrument ID: HP8R004

Lims ID: IC Cal 50ppb

Client ID:

Operator ID: AL109694

ALS Bottle#: 6

Worklist Smp#: 11

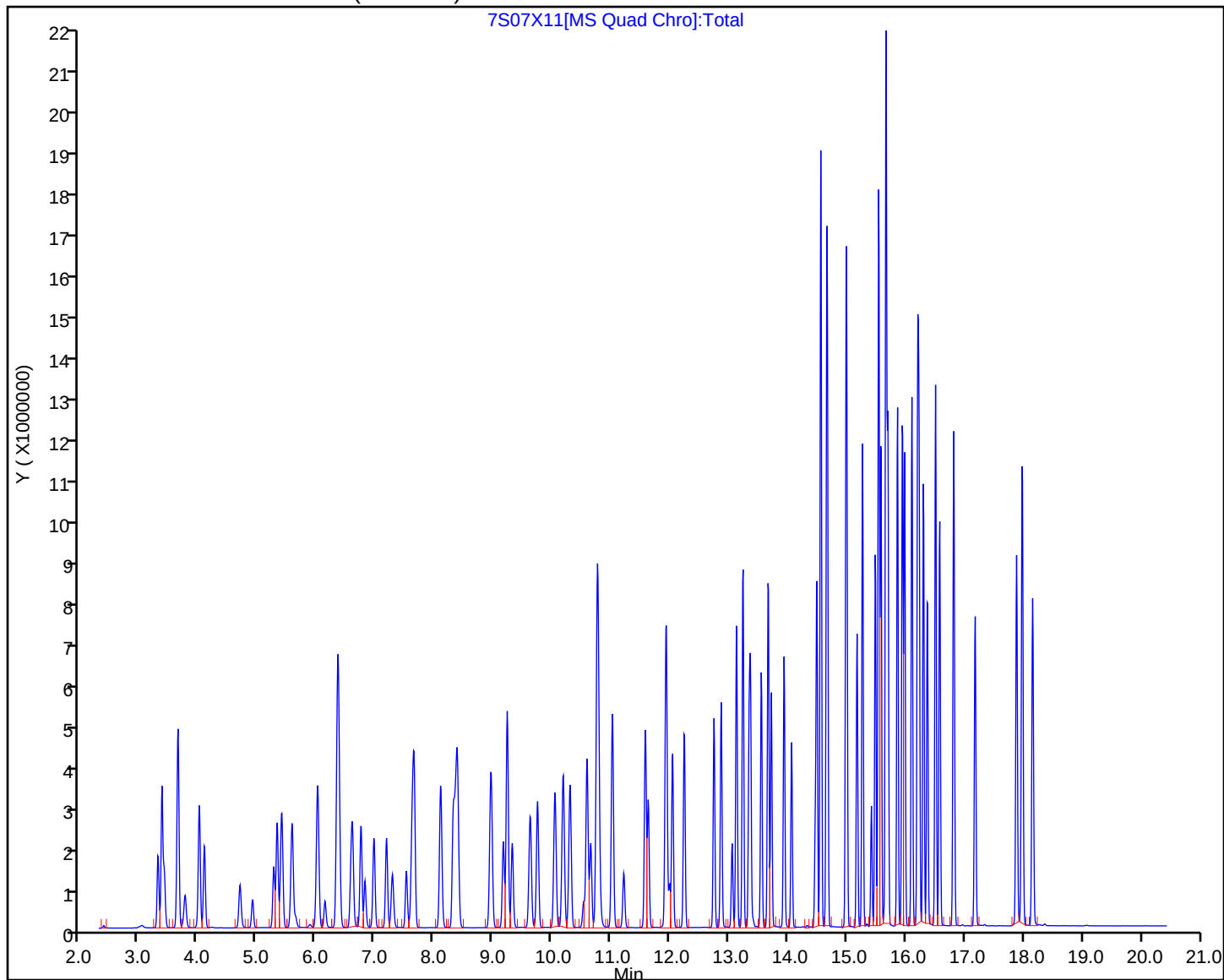
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

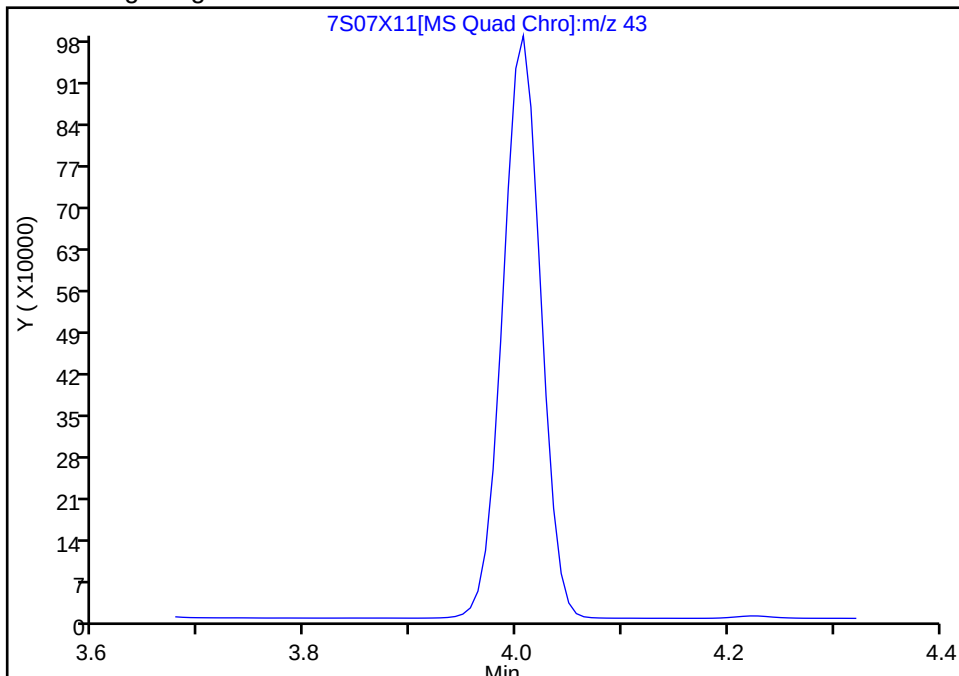
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
Injection Date: 08-Sep-2025 02:41:13 Instrument ID: HP8R004
Lims ID: IC Cal 50ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 6 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

124 Butane, CAS: 106-97-8

Signal: 1

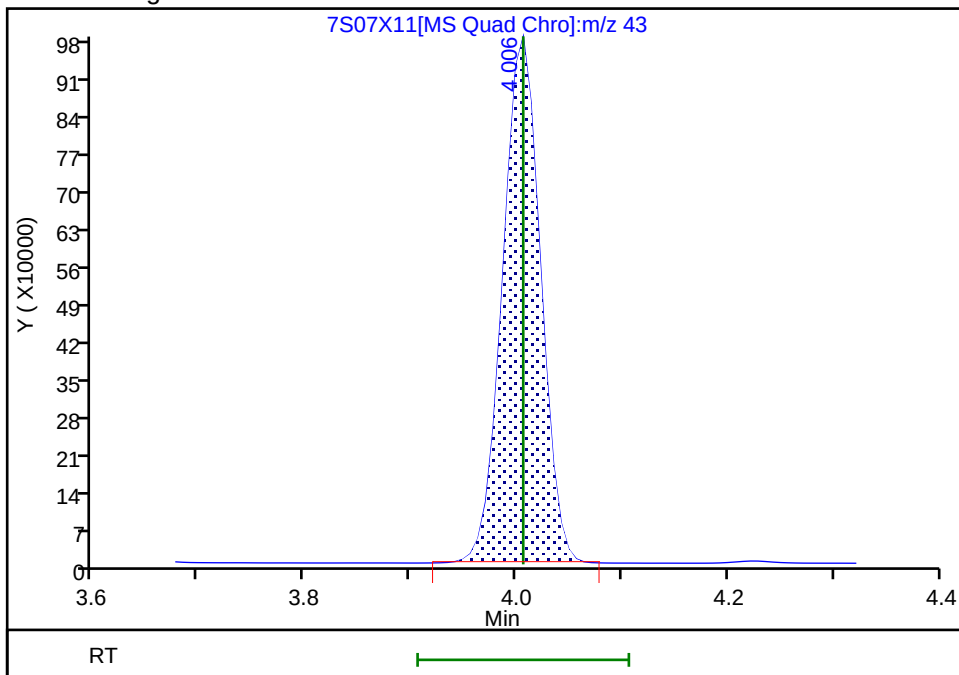
Not Detected
Expected RT: 4.01

Processing Integration Results



RT: 4.01
Area: 2462009
Amount: 42.387777
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 11:09:26 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

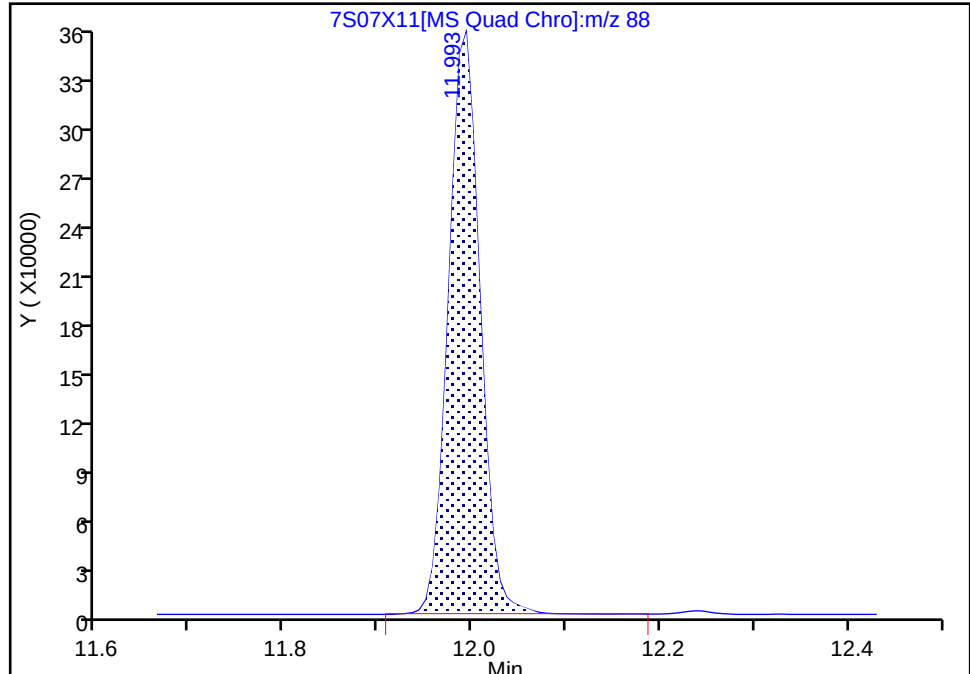
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
Injection Date: 08-Sep-2025 02:41:13 Instrument ID: HP8R004
Lims ID: IC Cal 50ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 6 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

56 1,4-Dioxane, CAS: 123-91-1

Signal: 1

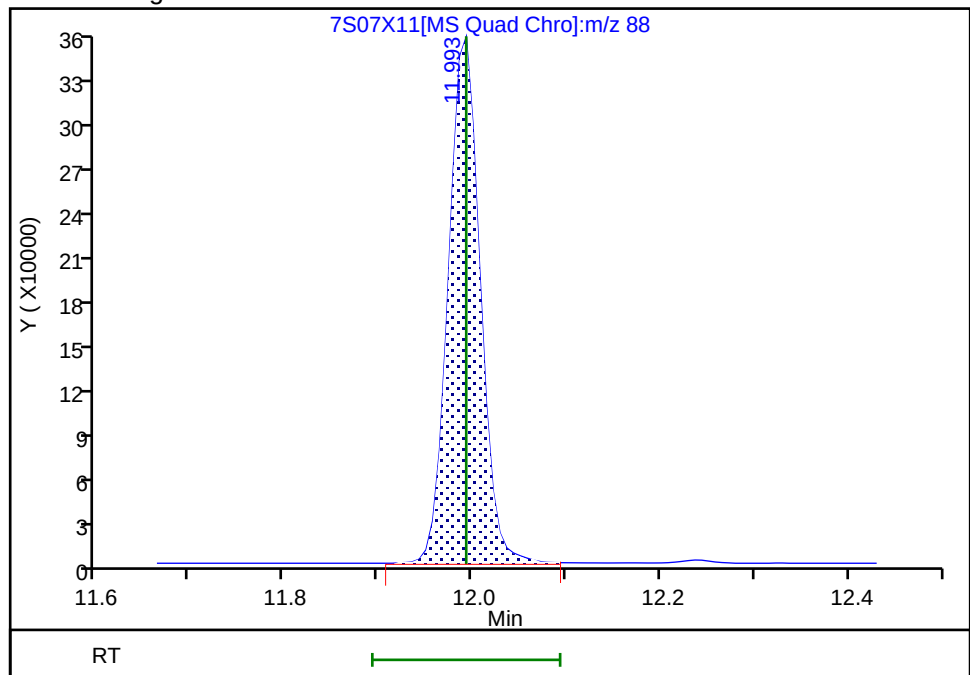
RT: 11.99
Area: 839322
Amount: 54.213527
Amount Units: ppb v/v

Processing Integration Results



RT: 11.99
Area: 837964
Amount: 54.137683
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 10:05:06 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

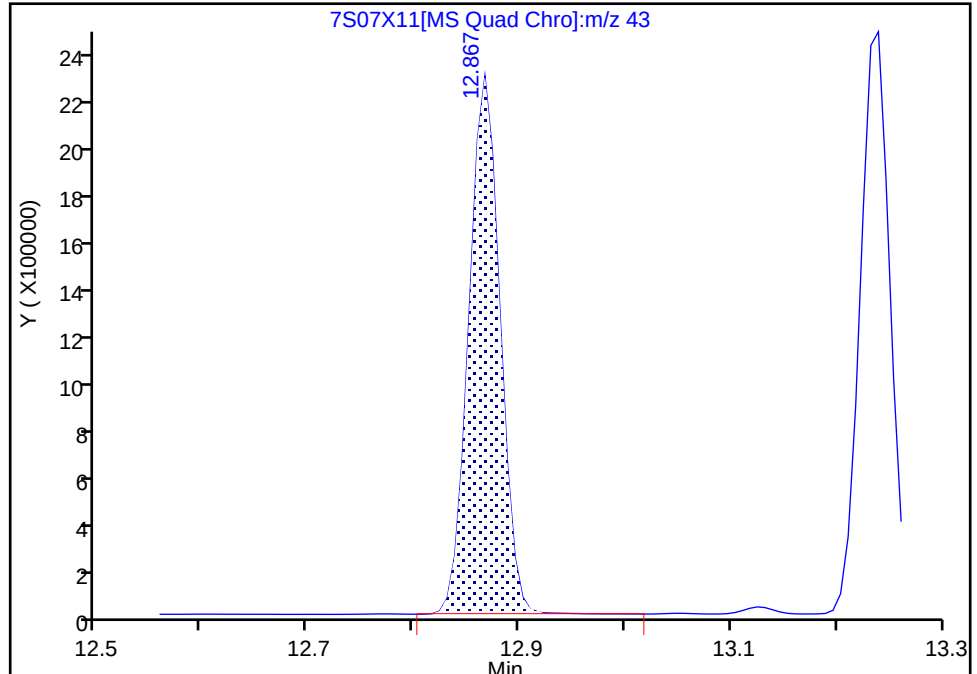
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Injection Date: 08-Sep-2025 02:41:13 Instrument ID: HP8R004
Lims ID: IC Cal 50ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 6 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

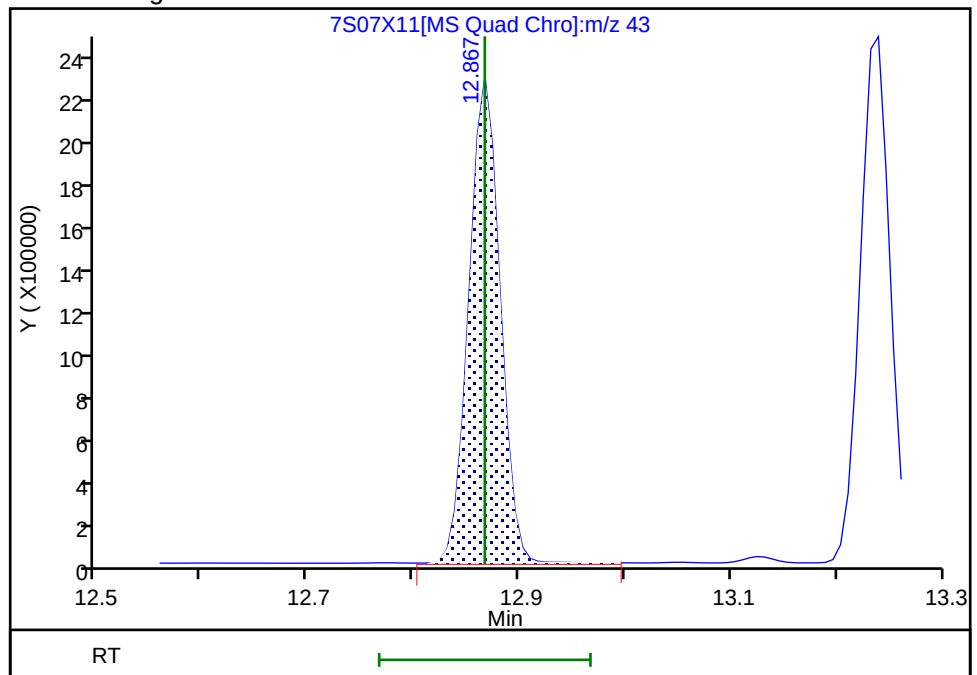
RT: 12.87
Area: 4588083
Amount: 52.004357
Amount Units: ppb v/v

Processing Integration Results



RT: 12.87
Area: 4585995
Amount: 51.983424
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 10:05:12 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

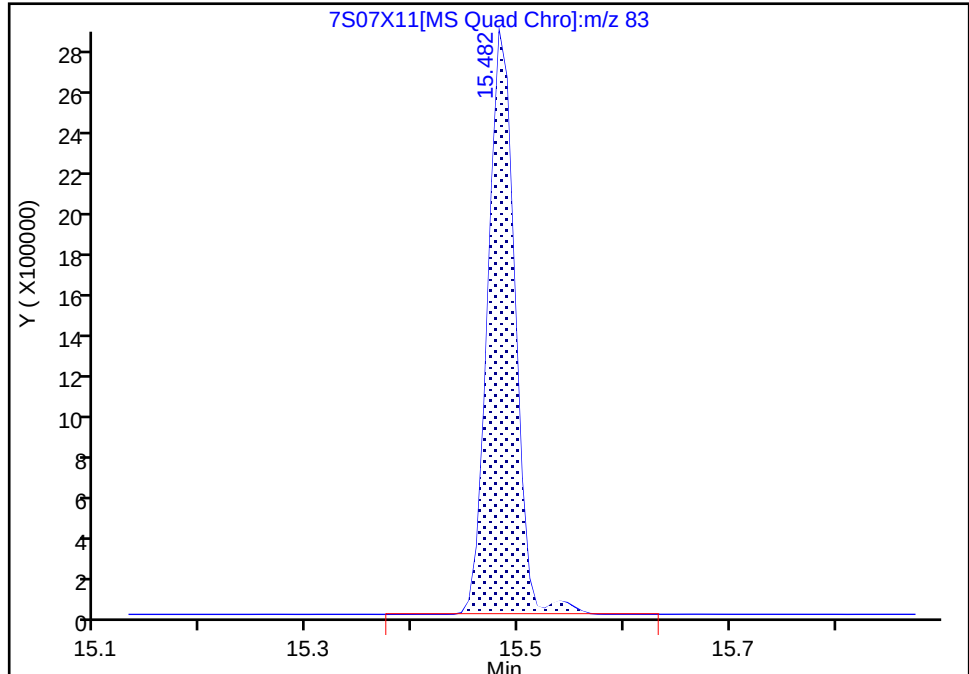
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
Injection Date: 08-Sep-2025 02:41:13 Instrument ID: HP8R004
Lims ID: IC Cal 50ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 6 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

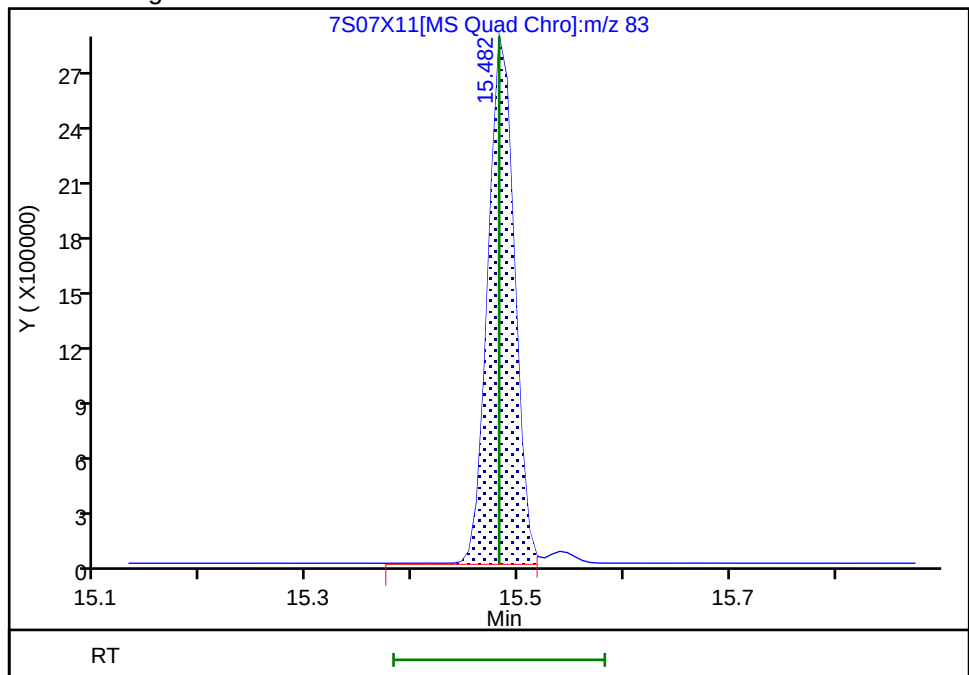
RT: 15.48
Area: 5093589
Amount: 50.038718
Amount Units: ppb v/v

Processing Integration Results



RT: 15.48
Area: 4972960
Amount: 49.228841
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 19:41:07 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

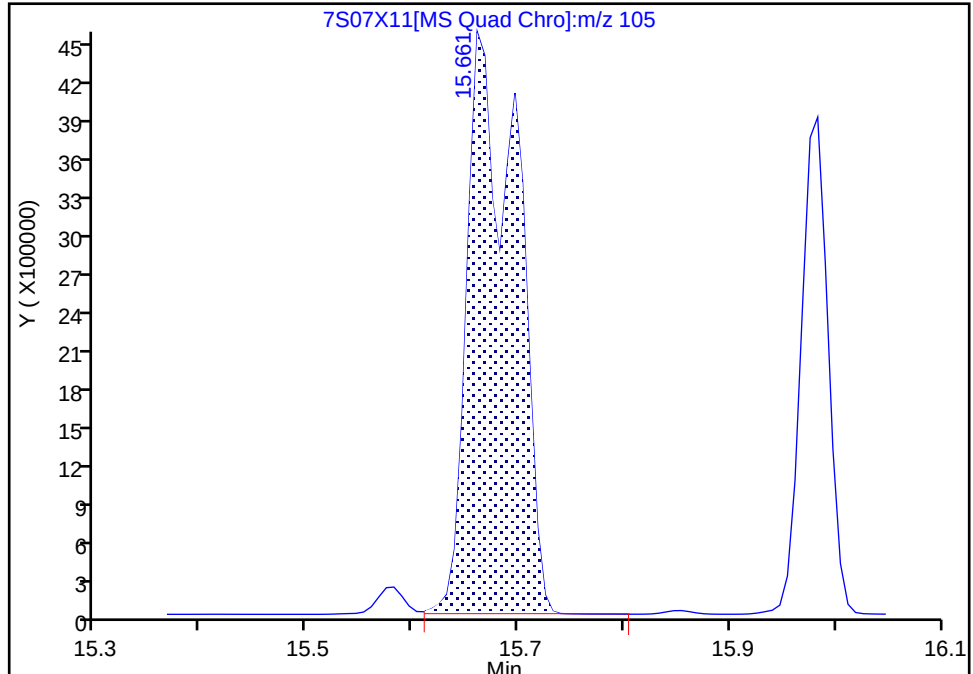
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
Injection Date: 08-Sep-2025 02:41:13 Instrument ID: HP8R004
Lims ID: IC Cal 50ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 6 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

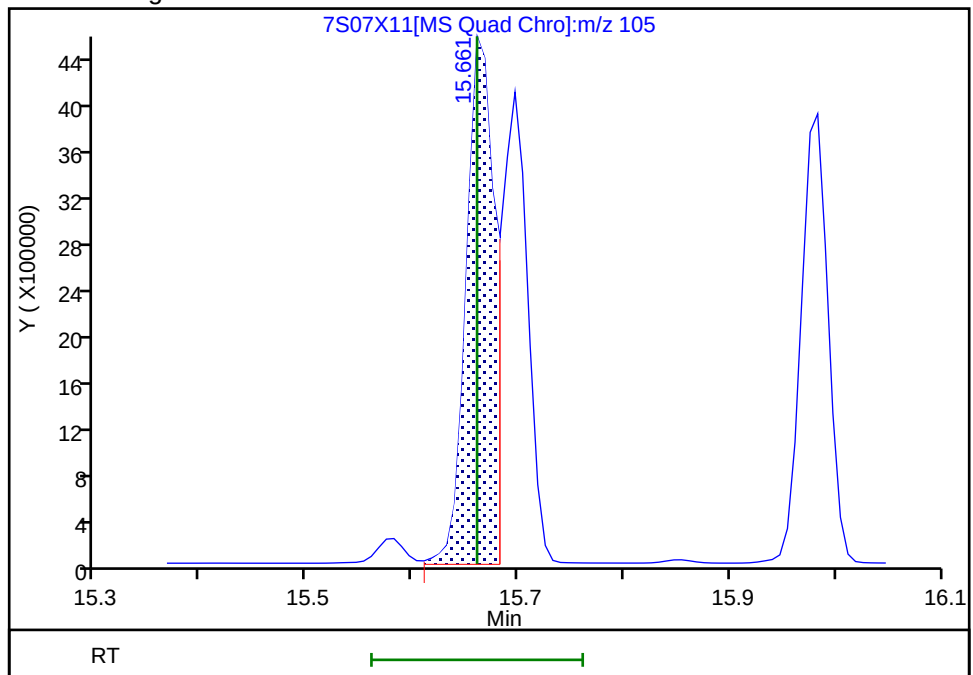
RT: 15.66
Area: 14804554
Amount: 86.271564
Amount Units: ppb v/v

Processing Integration Results



RT: 15.66
Area: 8276627
Amount: 56.297767
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 19:41:16 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

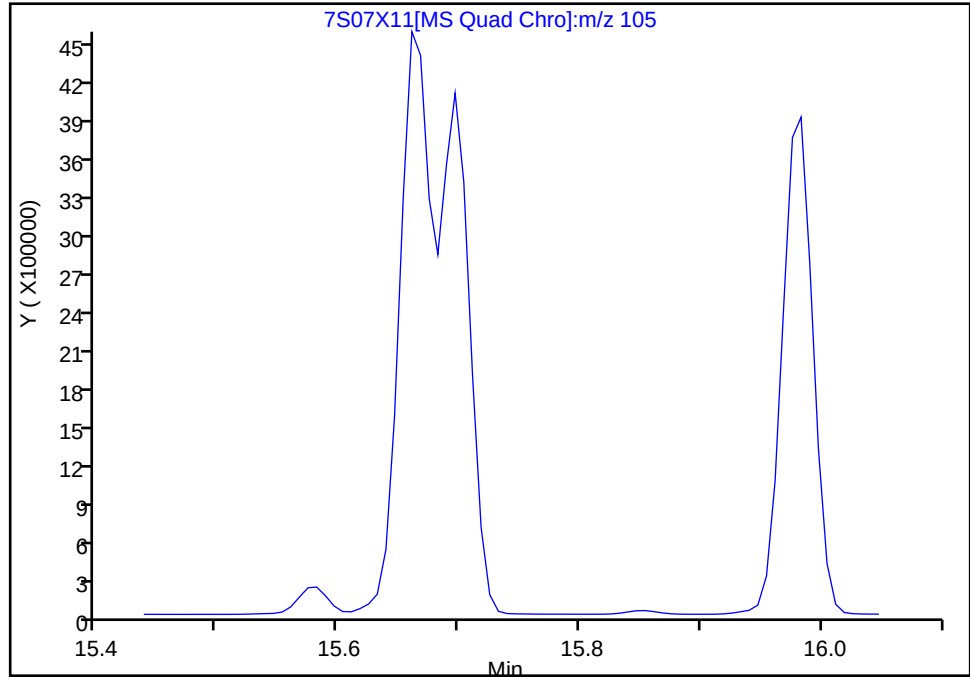
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
Injection Date: 08-Sep-2025 02:41:13 Instrument ID: HP8R004
Lims ID: IC Cal 50ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 6 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

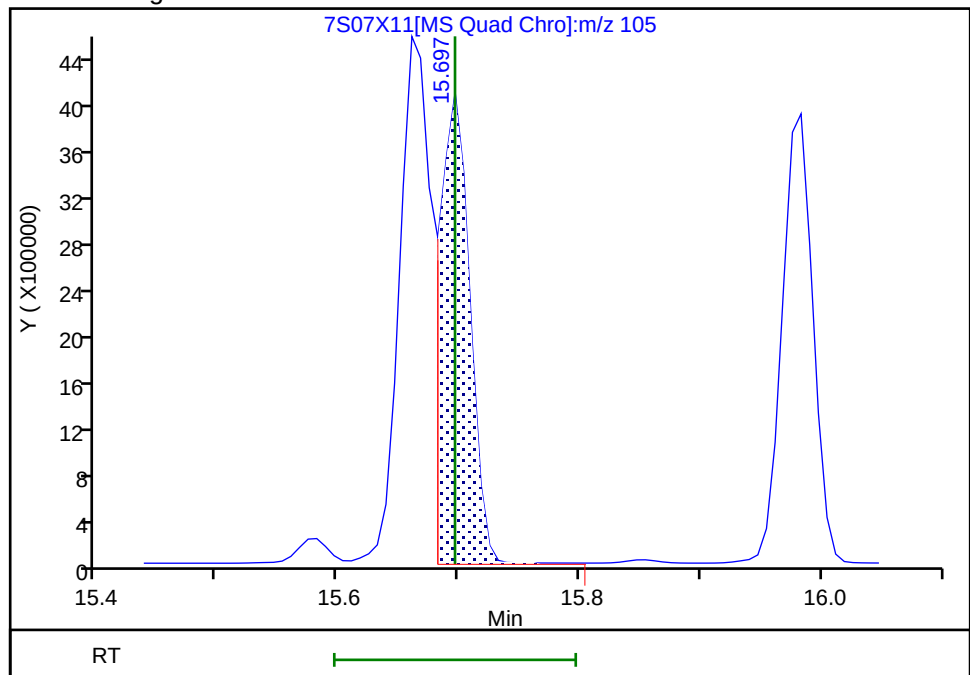
Not Detected
Expected RT: 15.70

Processing Integration Results



RT: 15.70
Area: 6527926
Amount: 55.466341
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 19:41:27 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

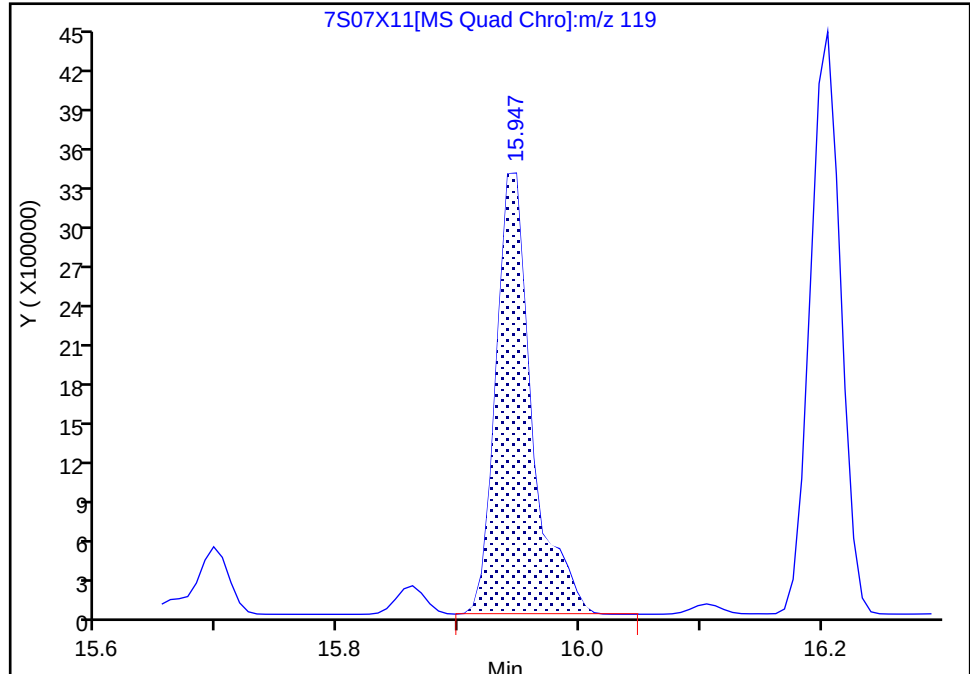
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
Injection Date: 08-Sep-2025 02:41:13 Instrument ID: HP8R004
Lims ID: IC Cal 50ppb
Client ID:
Operator ID: AL109694 ALS Bottle#: 6 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

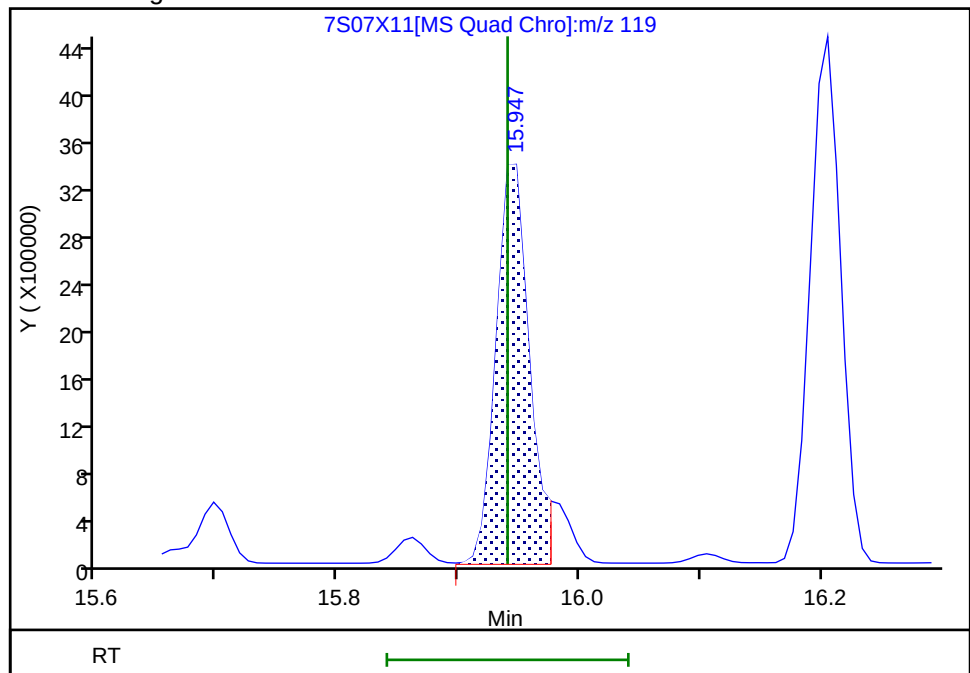
RT: 15.95
Area: 6984246
Amount: 54.711552
Amount Units: ppb v/v

Processing Integration Results



RT: 15.95
Area: 6394301
Amount: 54.535402
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 09:16:24 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Calibration

/ Dichlorodifluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

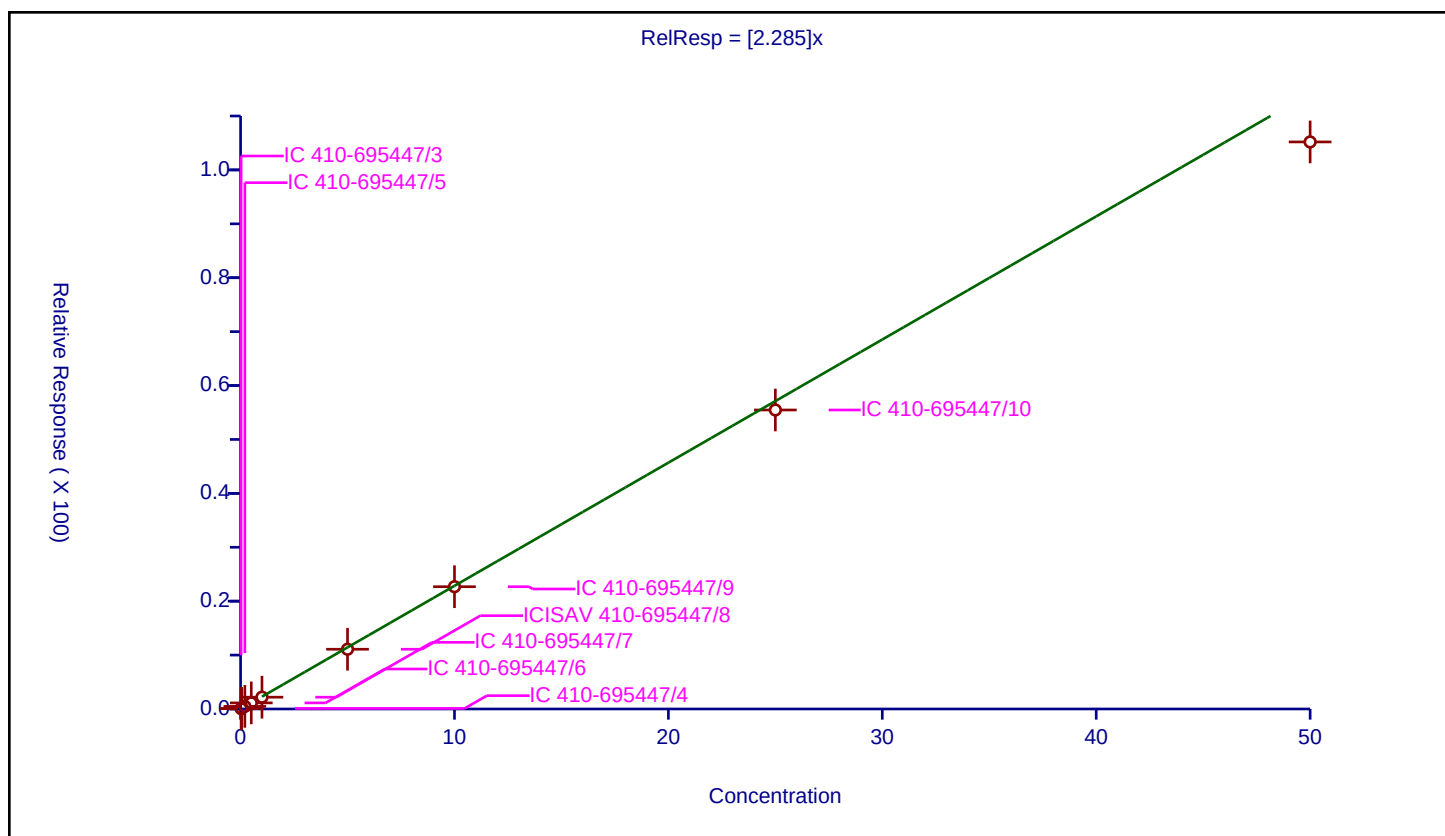
Curve Coefficients

Intercept: 0
Slope: 2.285

Error Coefficients

Relative Standard Deviation: 8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.06819	10.0	332307.0	2.727598	Y
2	IC 410-695447/4	0.05	0.108667	10.0	332852.0	2.173338	Y
3	IC 410-695447/5	0.2	0.480958	10.0	341173.0	2.404792	Y
4	IC 410-695447/6	0.5	1.128689	10.0	333502.0	2.257378	Y
5	IC 410-695447/7	1.0	2.189707	10.0	332839.0	2.189707	Y
6	ICISAV 410-695447/8	5.0	11.085067	10.0	348421.0	2.217013	Y
7	IC 410-695447/9	10.0	22.685205	10.0	349612.0	2.268521	Y
8	IC 410-695447/10	25.0	55.468178	10.0	350892.0	2.218727	Y
9	IC 410-695447/11	50.0	105.192471	10.0	378290.0	2.103849	Y



Calibration

/ Chlorodifluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

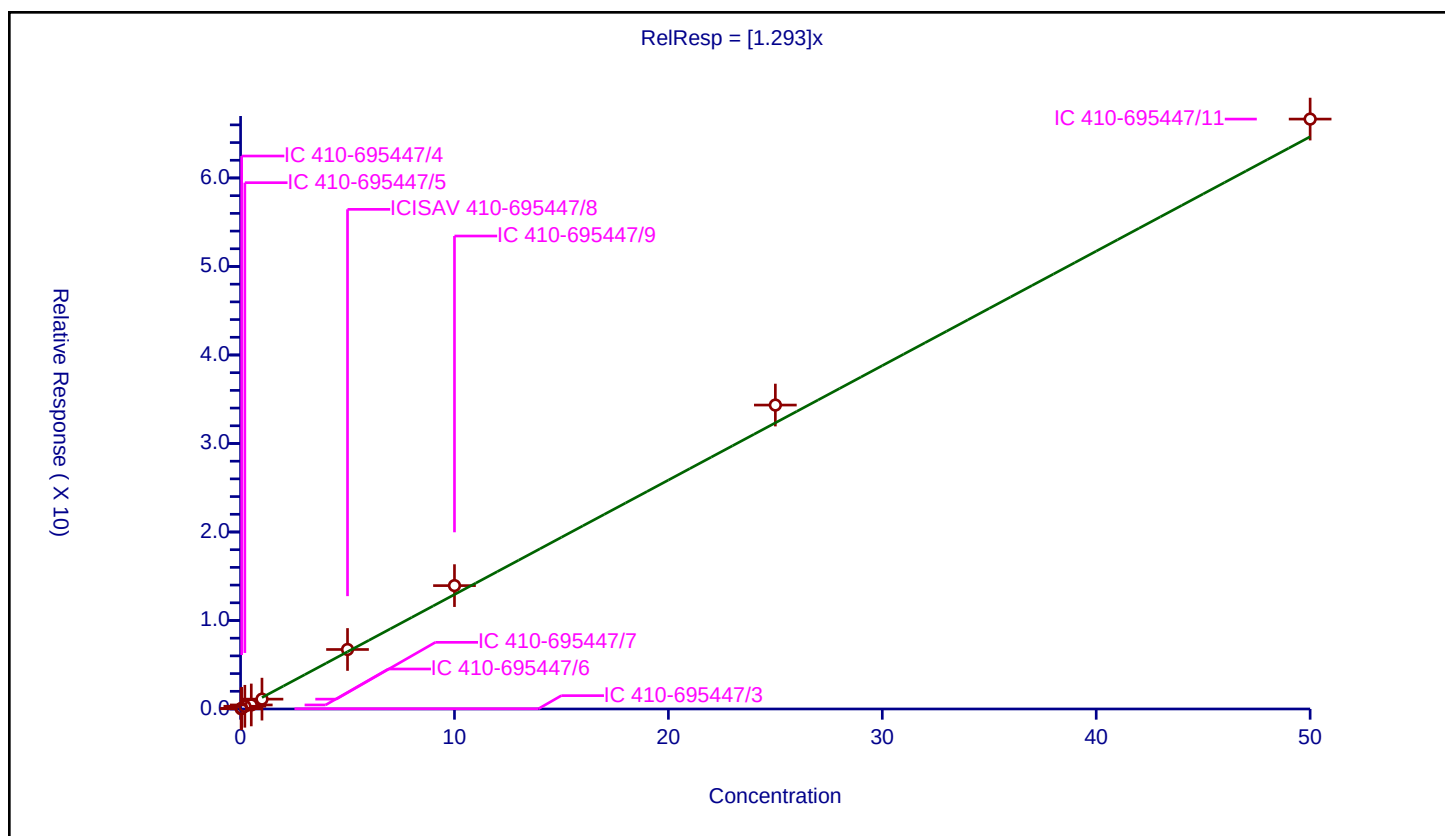
Curve Coefficients

Intercept: 0
Slope: 1.293

Error Coefficients

Relative Standard Deviation: 14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.029912	10.0	332307.0	1.196484	Y
2	IC 410-695447/4	0.05	0.071894	10.0	332852.0	1.437876	Y
3	IC 410-695447/5	0.2	0.306531	10.0	341173.0	1.532654	Y
4	IC 410-695447/6	0.5	0.457089	10.0	333502.0	0.914177	Y
5	IC 410-695447/7	1.0	1.112129	10.0	332839.0	1.112129	Y
6	ICISAV 410-695447/8	5.0	6.724939	10.0	348421.0	1.344988	Y
7	IC 410-695447/9	10.0	13.938738	10.0	349612.0	1.393874	Y
8	IC 410-695447/10	25.0	34.340709	10.0	350892.0	1.373628	Y
9	IC 410-695447/11	50.0	66.65352	10.0	378290.0	1.33307	Y



Calibration

/ 1,2-Dichloro-1,1,2,2-tetrafluoroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

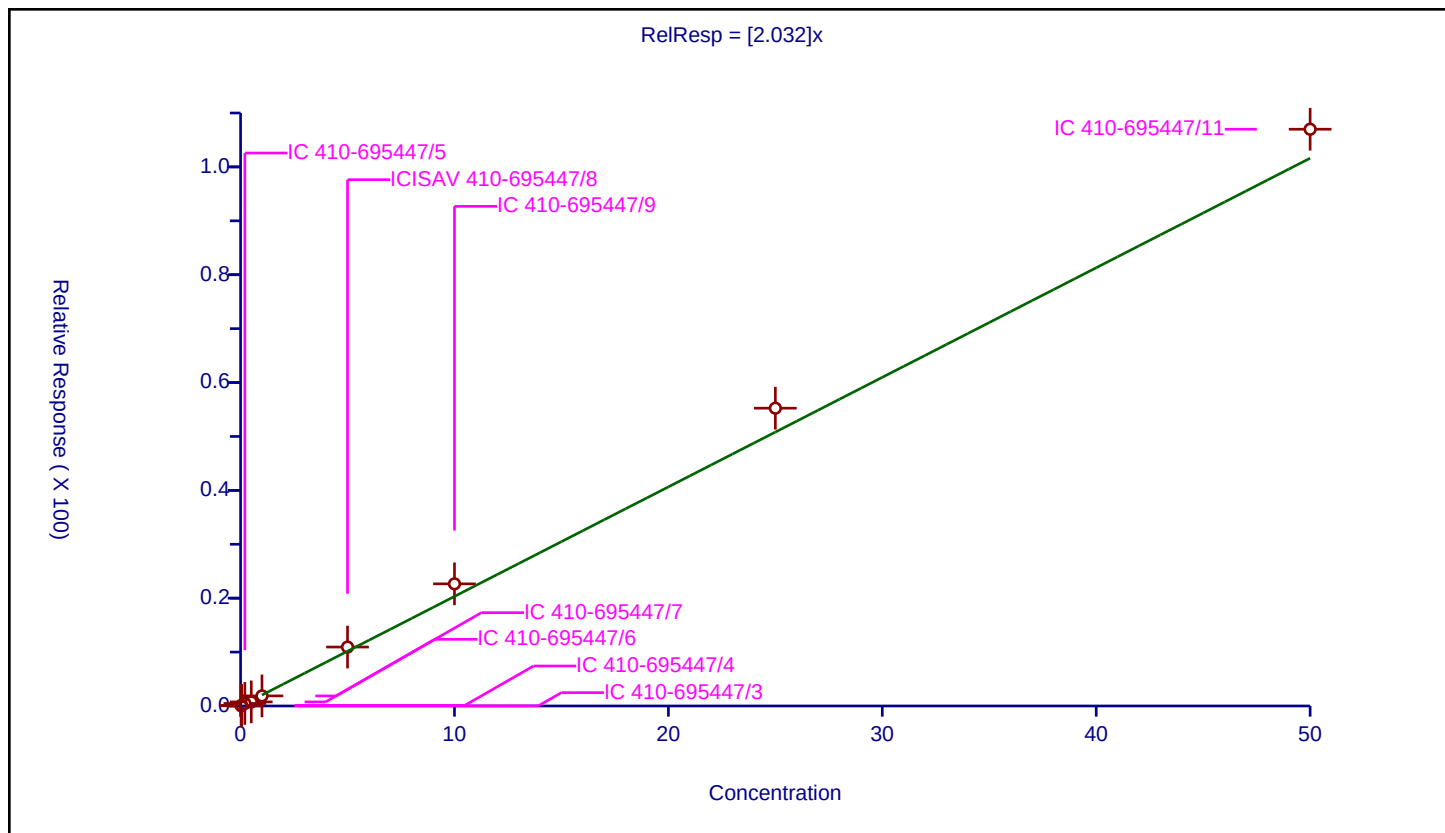
Curve Coefficients

Intercept: 0
Slope: 2.032

Error Coefficients

Relative Standard Deviation: 13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.043303	10.0	332307.0	1.732133	Y
2	IC 410-695447/4	0.05	0.100255	10.0	332852.0	2.005095	Y
3	IC 410-695447/5	0.2	0.472429	10.0	341173.0	2.362145	Y
4	IC 410-695447/6	0.5	0.758676	10.0	333502.0	1.517352	Y
5	IC 410-695447/7	1.0	1.871806	10.0	332839.0	1.871806	Y
6	ICISAV 410-695447/8	5.0	10.935535	10.0	348421.0	2.187107	Y
7	IC 410-695447/9	10.0	22.659119	10.0	349612.0	2.265912	Y
8	IC 410-695447/10	25.0	55.24147	10.0	350892.0	2.209659	Y
9	IC 410-695447/11	50.0	106.994634	10.0	378290.0	2.139893	Y



Calibration

/ Chloromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

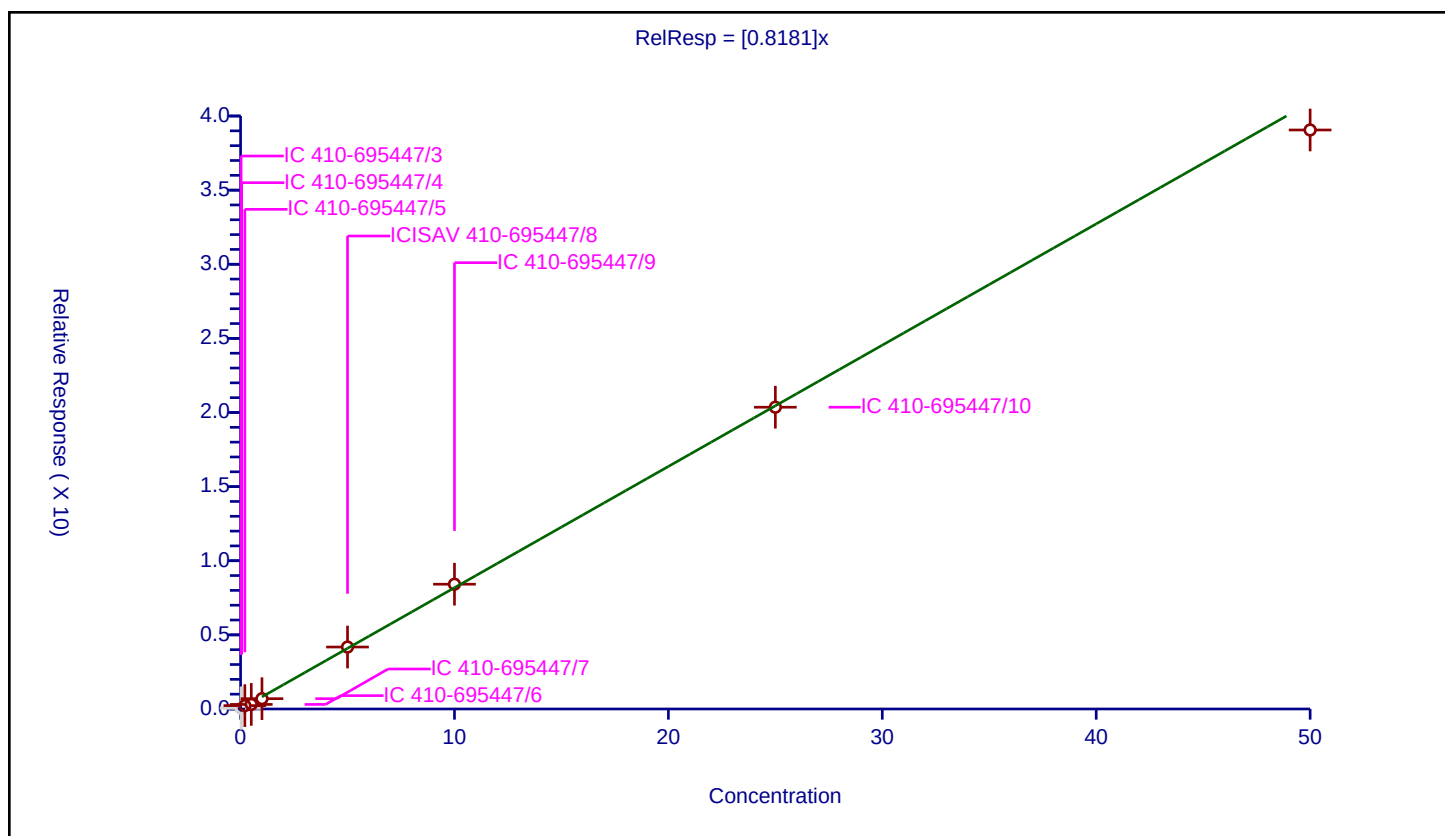
Curve Coefficients

Intercept: 0
Slope: 0.8181

Error Coefficients

Relative Standard Deviation: 20.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.043364	10.0	332307.0	1.734541	N
2	IC 410-695447/4	0.05	0.084452	10.0	332852.0	1.689039	N
3	IC 410-695447/5	0.2	0.22792	10.0	341173.0	1.139598	Y
4	IC 410-695447/6	0.5	0.308994	10.0	333502.0	0.617987	Y
5	IC 410-695447/7	1.0	0.695922	10.0	332839.0	0.695922	Y
6	ICISAV 410-695447/8	5.0	4.179742	10.0	348421.0	0.835948	Y
7	IC 410-695447/9	10.0	8.417932	10.0	349612.0	0.841793	Y
8	IC 410-695447/10	25.0	20.35746	10.0	350892.0	0.814298	Y
9	IC 410-695447/11	50.0	39.056597	10.0	378290.0	0.781132	Y



Calibration

/ Butane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

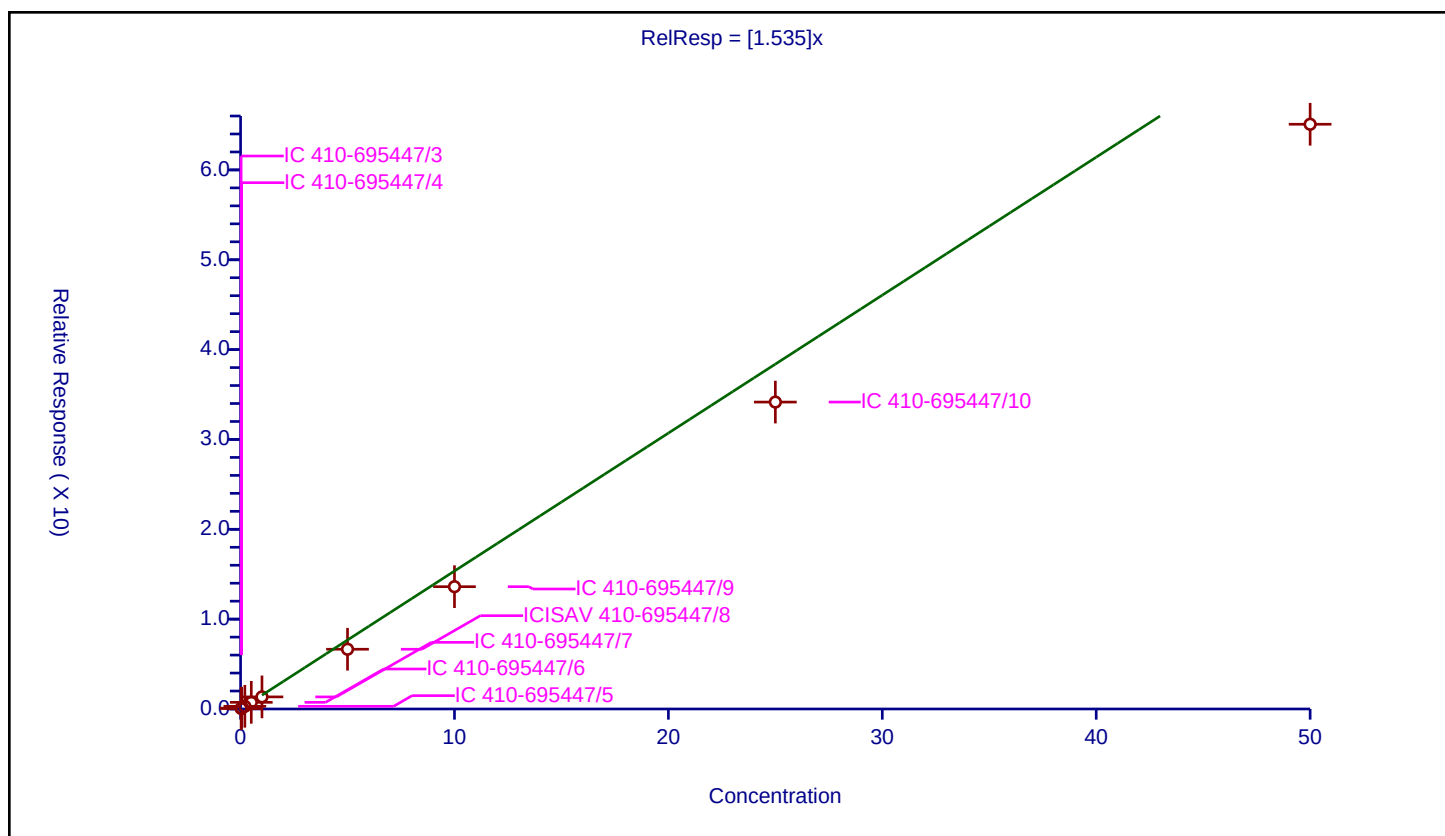
Curve Coefficients

Intercept: 0
Slope: 1.535

Error Coefficients

Relative Standard Deviation: 21.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.056213	10.0	332307.0	2.248523	Y
2	IC 410-695447/4	0.05	0.094396	10.0	332852.0	1.887926	Y
3	IC 410-695447/5	0.2	0.298998	10.0	341173.0	1.494989	Y
4	IC 410-695447/6	0.5	0.740265	10.0	333502.0	1.480531	Y
5	IC 410-695447/7	1.0	1.347318	10.0	332839.0	1.347318	Y
6	ICISAV 410-695447/8	5.0	6.649312	10.0	348421.0	1.329862	Y
7	IC 410-695447/9	10.0	13.614264	10.0	349612.0	1.361426	Y
8	IC 410-695447/10	25.0	34.161366	10.0	350892.0	1.366455	Y
9	IC 410-695447/11	50.0	65.082582	10.0	378290.0	1.301652	Y



Calibration

/ Vinyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

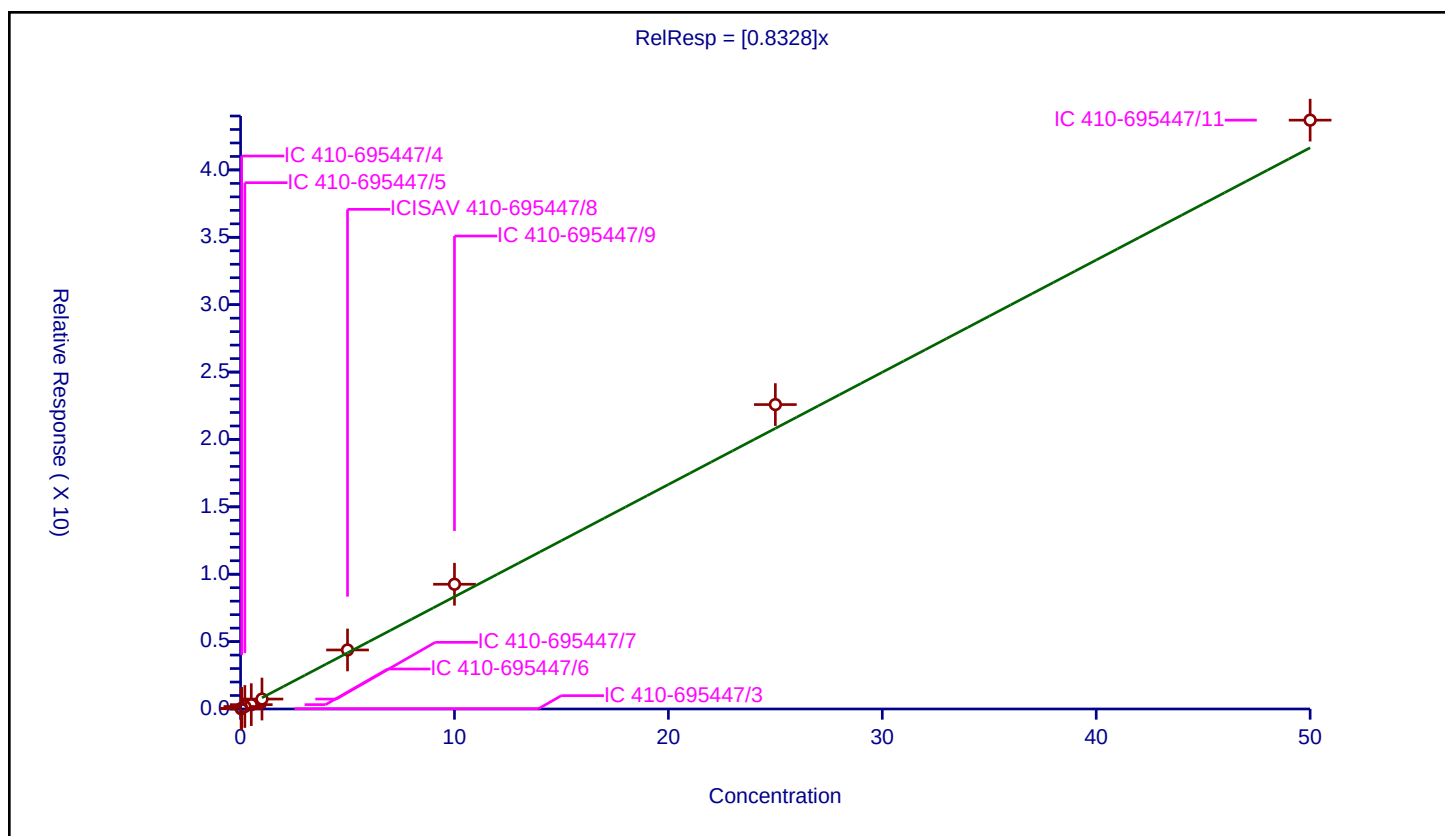
Curve Coefficients

Intercept: 0
 Slope: 0.8328

Error Coefficients

Relative Standard Deviation: 12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.018507	10.0	332307.0	0.740279	Y
2	IC 410-695447/4	0.05	0.043323	10.0	332852.0	0.866451	Y
3	IC 410-695447/5	0.2	0.185243	10.0	341173.0	0.926216	Y
4	IC 410-695447/6	0.5	0.323596	10.0	333502.0	0.647193	Y
5	IC 410-695447/7	1.0	0.736392	10.0	332839.0	0.736392	Y
6	ICISAV 410-695447/8	5.0	4.380362	10.0	348421.0	0.876072	Y
7	IC 410-695447/9	10.0	9.256318	10.0	349612.0	0.925632	Y
8	IC 410-695447/10	25.0	22.588745	10.0	350892.0	0.90355	Y
9	IC 410-695447/11	50.0	43.692617	10.0	378290.0	0.873852	Y



Calibration

/ Butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

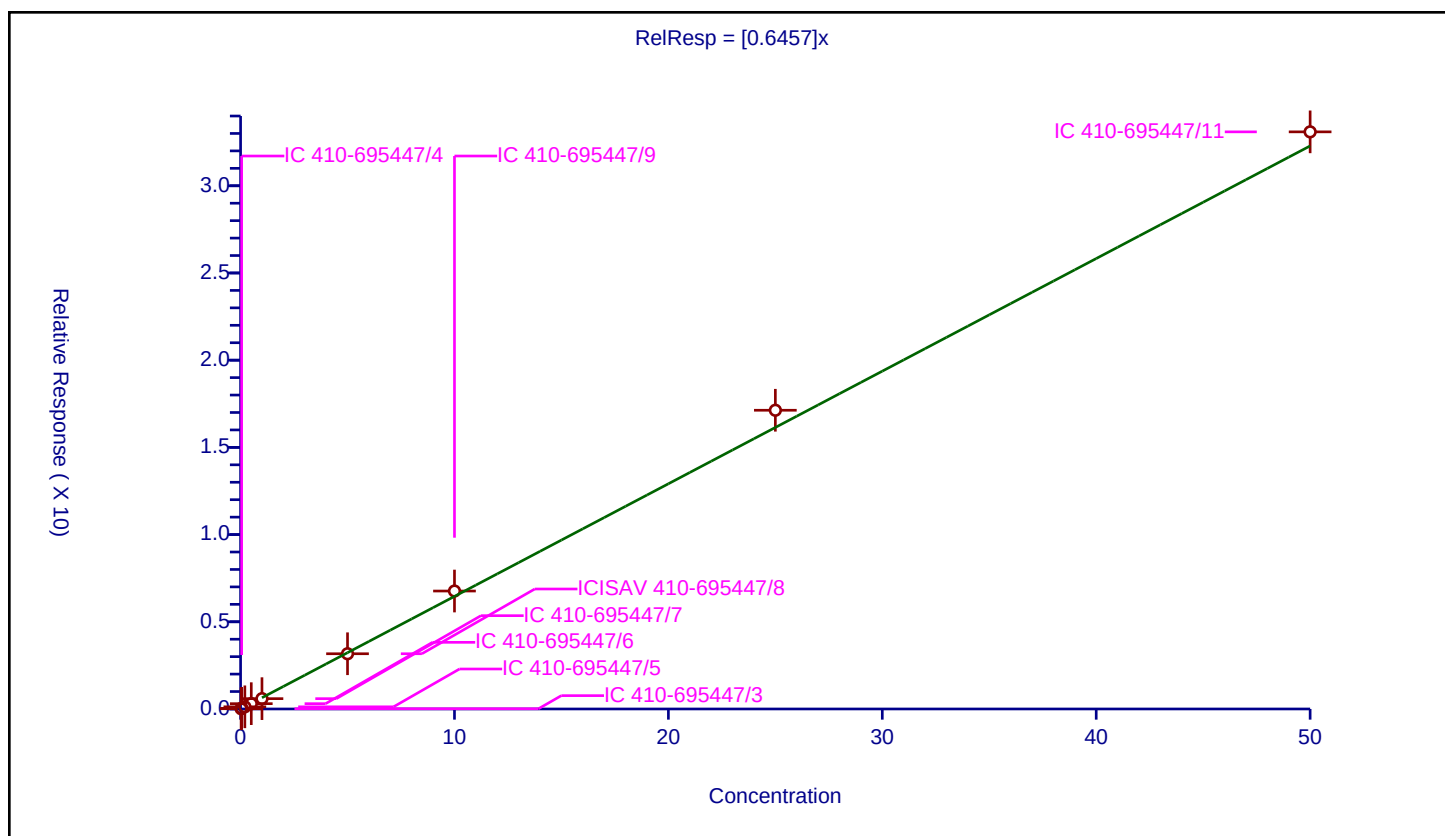
Curve Coefficients

Intercept: 0
Slope: 0.6457

Error Coefficients

Relative Standard Deviation: 8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.014565	10.0	332307.0	0.582594	Y
2	IC 410-695447/4	0.05	0.037224	10.0	332852.0	0.744475	Y
3	IC 410-695447/5	0.2	0.124805	10.0	341173.0	0.624024	Y
4	IC 410-695447/6	0.5	0.305665	10.0	333502.0	0.611331	Y
5	IC 410-695447/7	1.0	0.591968	10.0	332839.0	0.591968	Y
6	ICISAV 410-695447/8	5.0	3.166887	10.0	348421.0	0.633377	Y
7	IC 410-695447/9	10.0	6.764127	10.0	349612.0	0.676413	Y
8	IC 410-695447/10	25.0	17.128461	10.0	350892.0	0.685138	Y
9	IC 410-695447/11	50.0	33.091147	10.0	378290.0	0.661823	Y



Calibration

/ Bromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

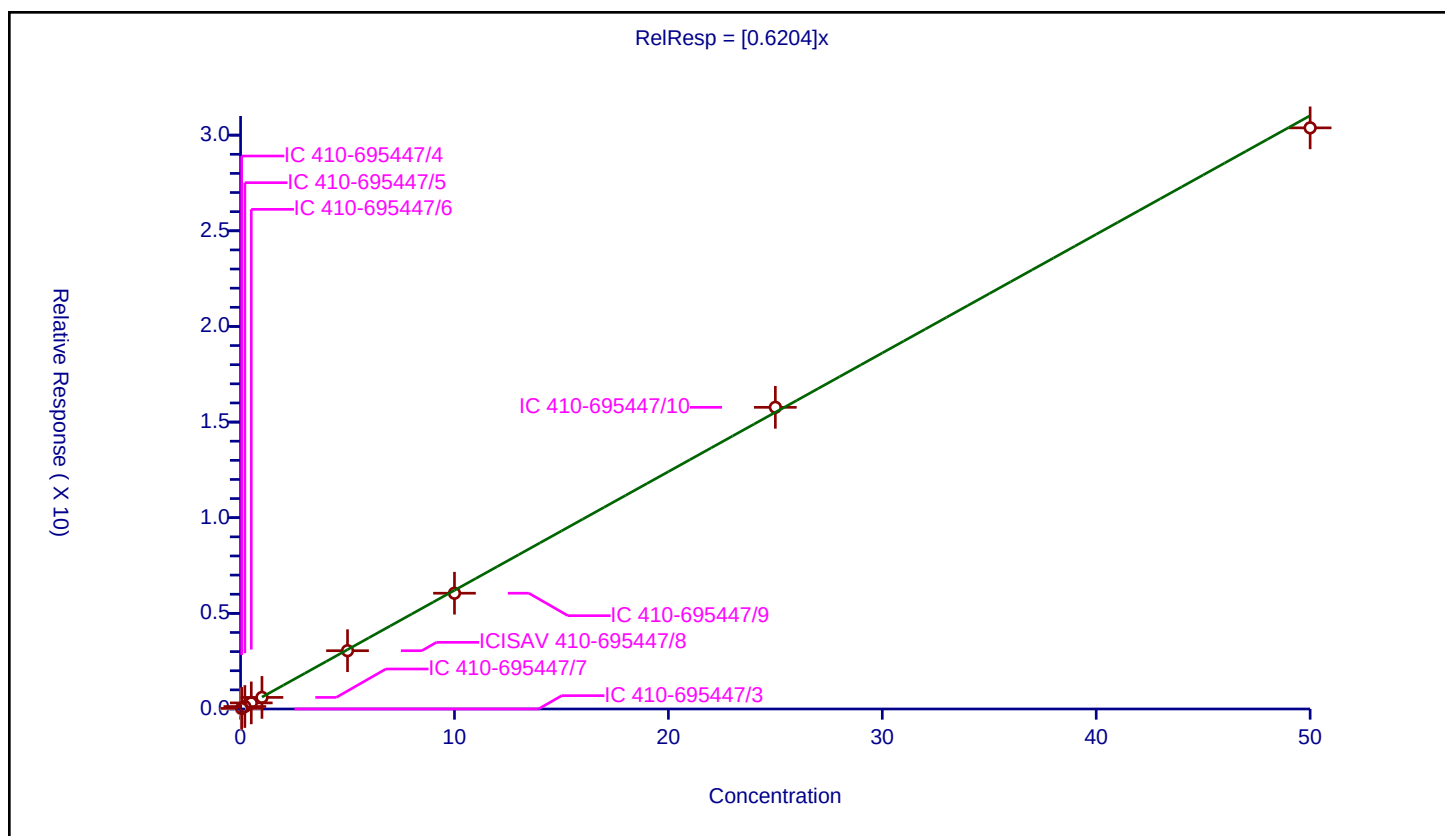
Curve Coefficients

Intercept: 0
Slope: 0.6204

Error Coefficients

Relative Standard Deviation: 2.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.0	10.0	332307.0	0.0	N
2	IC 410-695447/4	0.05	0.031065	10.0	332852.0	0.621297	Y
3	IC 410-695447/5	0.2	0.129348	10.0	341173.0	0.646739	Y
4	IC 410-695447/6	0.5	0.318379	10.0	333502.0	0.636758	Y
5	IC 410-695447/7	1.0	0.605308	10.0	332839.0	0.605308	Y
6	ICISAV 410-695447/8	5.0	3.04709	10.0	348421.0	0.609418	Y
7	IC 410-695447/9	10.0	6.051795	10.0	349612.0	0.605179	Y
8	IC 410-695447/10	25.0	15.770379	10.0	350892.0	0.630815	Y
9	IC 410-695447/11	50.0	30.381533	10.0	378290.0	0.607631	Y



Calibration

/ Chloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

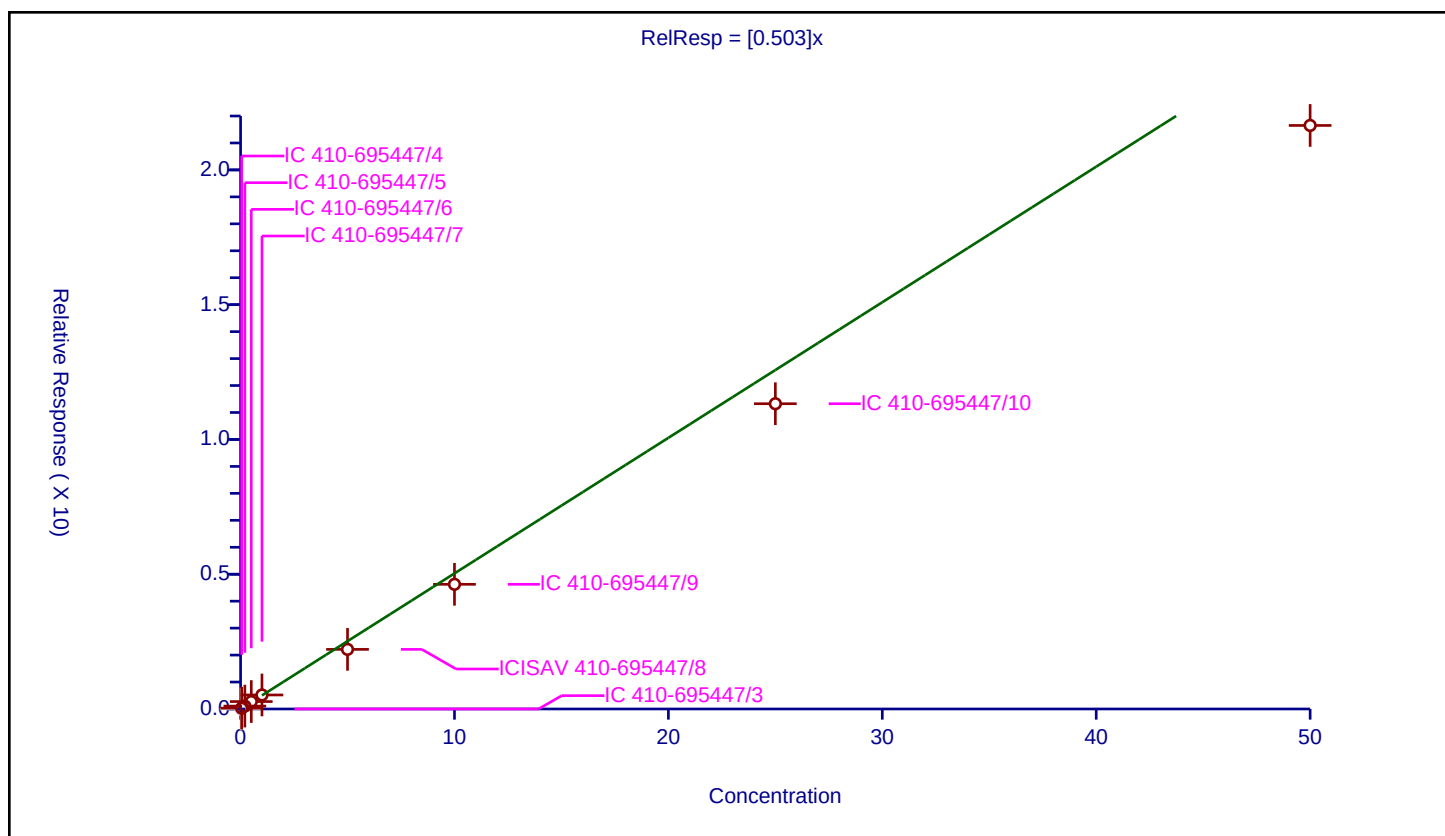
Curve Coefficients

Intercept: 0
Slope: 0.503

Error Coefficients

Relative Standard Deviation: 13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.0	10.0	332307.0	0.0	N
2	IC 410-695447/4	0.05	0.031305	10.0	332852.0	0.626104	Y
3	IC 410-695447/5	0.2	0.107218	10.0	341173.0	0.536092	Y
4	IC 410-695447/6	0.5	0.275441	10.0	333502.0	0.550881	Y
5	IC 410-695447/7	1.0	0.520221	10.0	332839.0	0.520221	Y
6	ICISAV 410-695447/8	5.0	2.211405	10.0	348421.0	0.442281	Y
7	IC 410-695447/9	10.0	4.625385	10.0	349612.0	0.462538	Y
8	IC 410-695447/10	25.0	11.32528	10.0	350892.0	0.453011	Y
9	IC 410-695447/11	50.0	21.649475	10.0	378290.0	0.43299	Y



Calibration

/ Vinyl bromide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

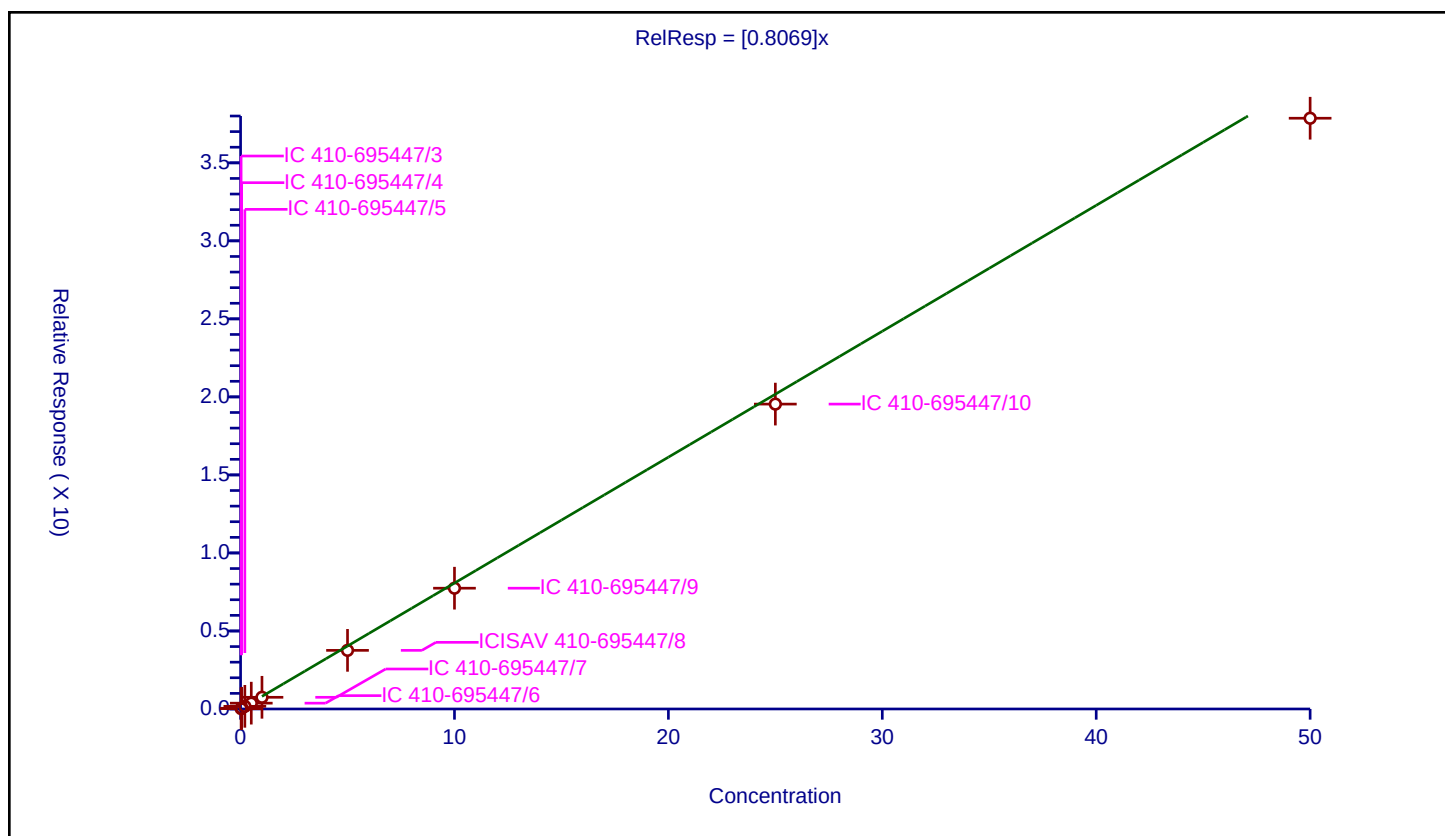
Curve Coefficients

Intercept: 0
 Slope: 0.8069

Error Coefficients

Relative Standard Deviation: 9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.023623	10.0	332307.0	0.944909	Y
2	IC 410-695447/4	0.05	0.045275	10.0	332852.0	0.905508	Y
3	IC 410-695447/5	0.2	0.170588	10.0	341173.0	0.85294	Y
4	IC 410-695447/6	0.5	0.372681	10.0	333502.0	0.745363	Y
5	IC 410-695447/7	1.0	0.749221	10.0	332839.0	0.749221	Y
6	ICISAV 410-695447/8	5.0	3.756691	10.0	348421.0	0.751338	Y
7	IC 410-695447/9	10.0	7.74101	10.0	349612.0	0.774101	Y
8	IC 410-695447/10	25.0	19.538177	10.0	350892.0	0.781527	Y
9	IC 410-695447/11	50.0	37.858019	10.0	378290.0	0.75716	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

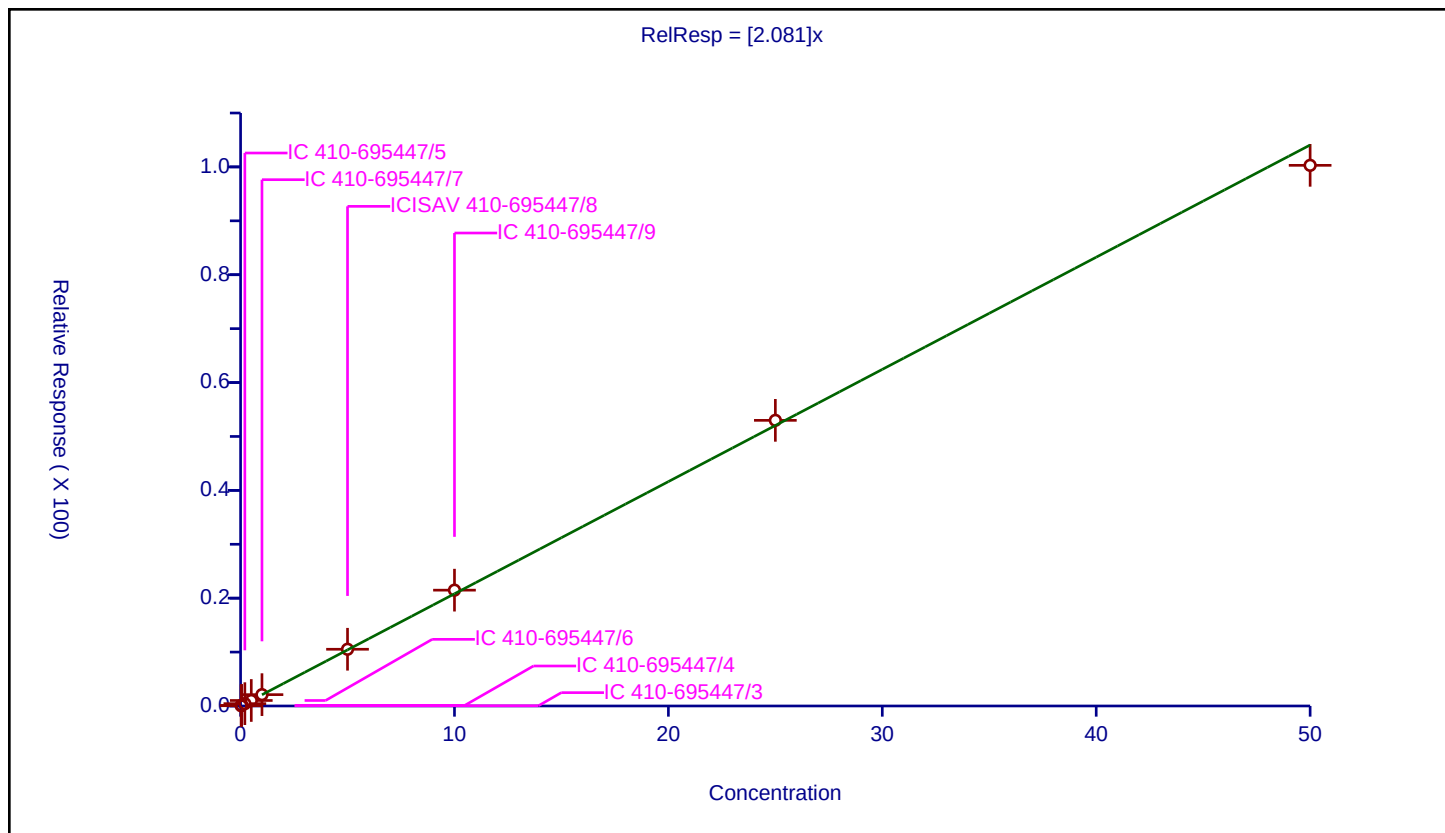
Curve Coefficients

Intercept: 0
Slope: 2.081

Error Coefficients

Relative Standard Deviation: 3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.04887	10.0	332307.0	1.954819	Y
2	IC 410-695447/4	0.05	0.10401	10.0	332852.0	2.080204	Y
3	IC 410-695447/5	0.2	0.433592	10.0	341173.0	2.167962	Y
4	IC 410-695447/6	0.5	1.023682	10.0	333502.0	2.047364	Y
5	IC 410-695447/7	1.0	2.102638	10.0	332839.0	2.102638	Y
6	ICISAV 410-695447/8	5.0	10.523074	10.0	348421.0	2.104615	Y
7	IC 410-695447/9	10.0	21.48702	10.0	349612.0	2.148702	Y
8	IC 410-695447/10	25.0	52.987272	10.0	350892.0	2.119491	Y
9	IC 410-695447/11	50.0	100.294536	10.0	378290.0	2.005891	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

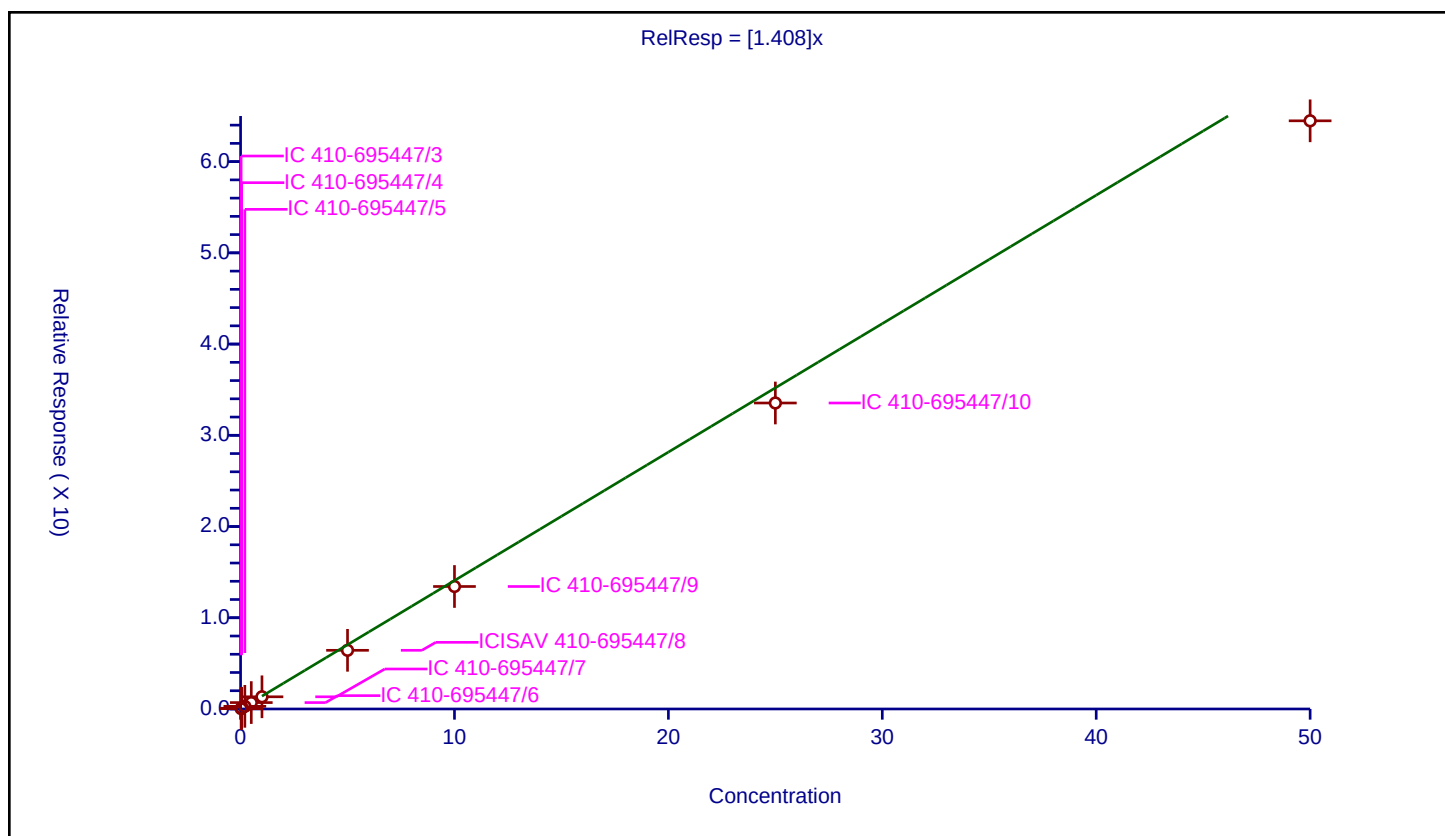
Curve Coefficients

Intercept: 0
 Slope: 1.408

Error Coefficients

Relative Standard Deviation: 8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.039722	10.0	332307.0	1.588892	Y
2	IC 410-695447/4	0.05	0.081147	10.0	332852.0	1.622944	Y
3	IC 410-695447/5	0.2	0.291436	10.0	341173.0	1.457179	Y
4	IC 410-695447/6	0.5	0.703174	10.0	333502.0	1.406348	Y
5	IC 410-695447/7	1.0	1.336412	10.0	332839.0	1.336412	Y
6	ICISAV 410-695447/8	5.0	6.433625	10.0	348421.0	1.286725	Y
7	IC 410-695447/9	10.0	13.426112	10.0	349612.0	1.342611	Y
8	IC 410-695447/10	25.0	33.540463	10.0	350892.0	1.341619	Y
9	IC 410-695447/11	50.0	64.472442	10.0	378290.0	1.289449	Y



Calibration

/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

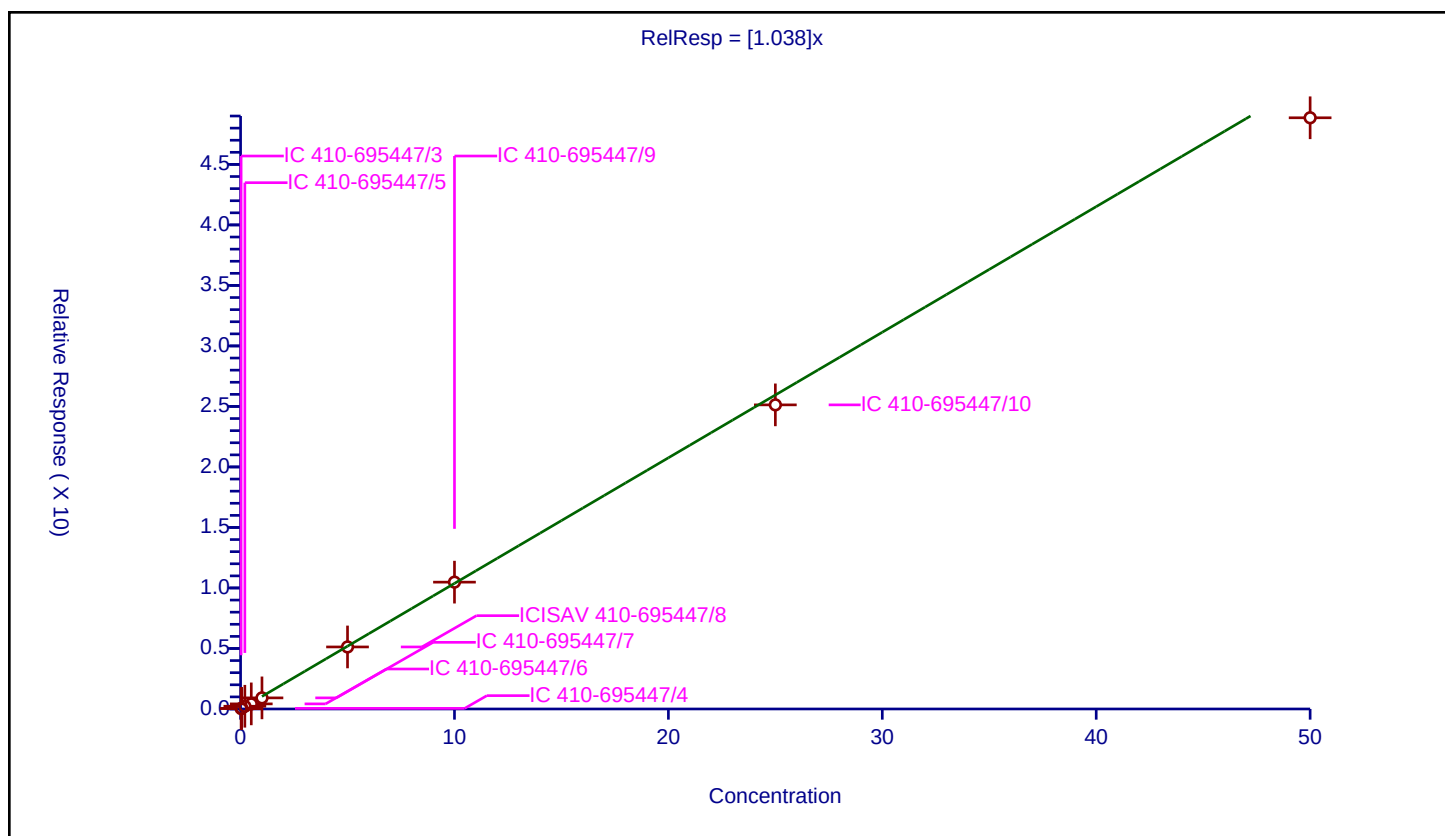
Curve Coefficients

Intercept: 0
Slope: 1.038

Error Coefficients

Relative Standard Deviation: 14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.034276	10.0	332307.0	1.371021	Y
2	IC 410-695447/4	0.05	0.051224	10.0	332852.0	1.024479	Y
3	IC 410-695447/5	0.2	0.225252	10.0	341173.0	1.126261	Y
4	IC 410-695447/6	0.5	0.422036	10.0	333502.0	0.844073	Y
5	IC 410-695447/7	1.0	0.918763	10.0	332839.0	0.918763	Y
6	ICISAV 410-695447/8	5.0	5.12581	10.0	348421.0	1.025162	Y
7	IC 410-695447/9	10.0	10.482106	10.0	349612.0	1.048211	Y
8	IC 410-695447/10	25.0	25.130069	10.0	350892.0	1.005203	Y
9	IC 410-695447/11	50.0	48.854582	10.0	378290.0	0.977092	Y



Calibration

/ Acetone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

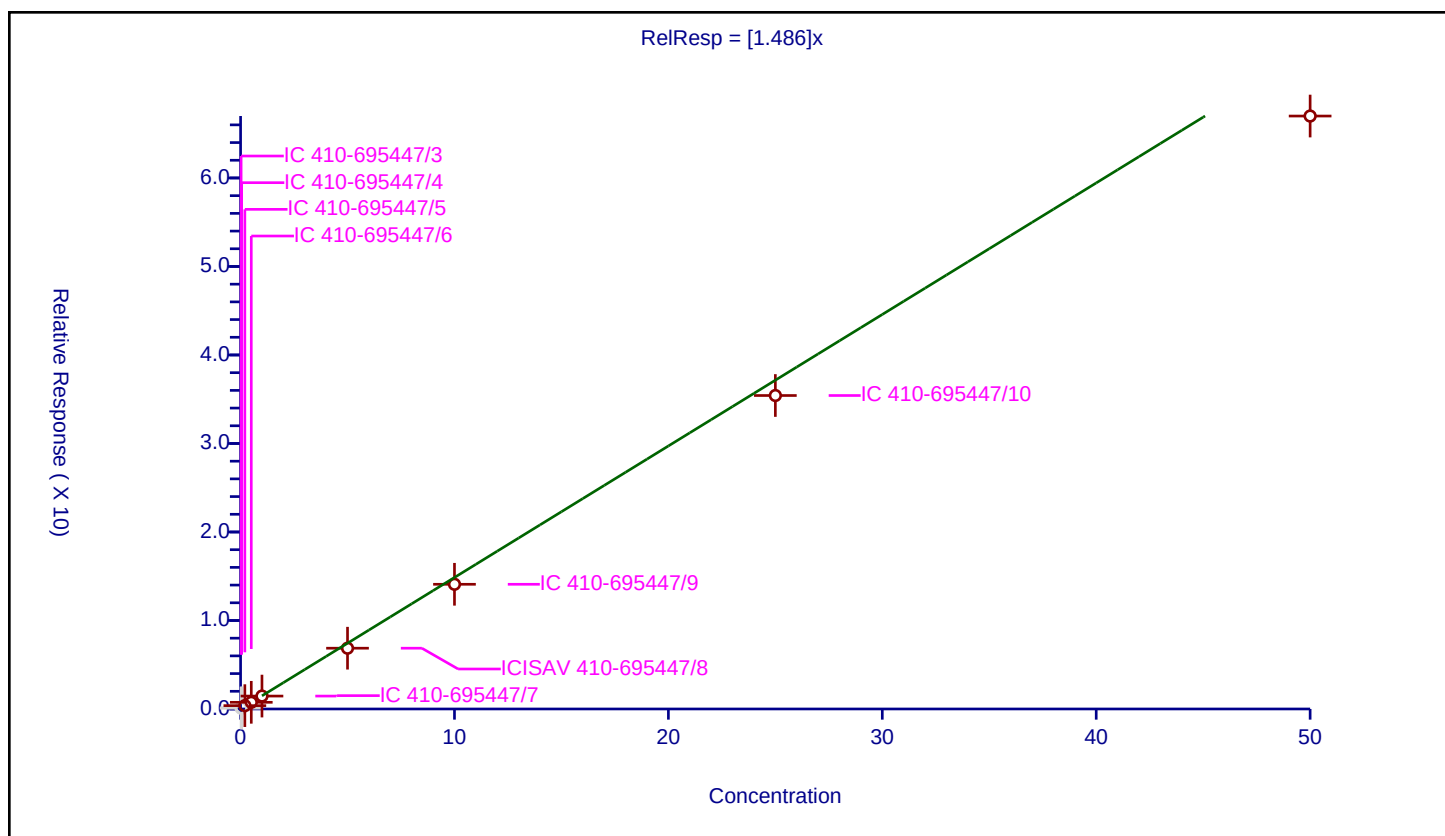
Curve Coefficients

Intercept: 0
 Slope: 1.486

Error Coefficients

Relative Standard Deviation: 12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.10075	10.0	332307.0	4.030008	N
2	IC 410-695447/4	0.05	0.128255	10.0	332852.0	2.565104	N
3	IC 410-695447/5	0.2	0.37843	10.0	341173.0	1.892149	Y
4	IC 410-695447/6	0.5	0.755798	10.0	333502.0	1.511595	Y
5	IC 410-695447/7	1.0	1.458543	10.0	332839.0	1.458543	Y
6	ICISAV 410-695447/8	5.0	6.8683	10.0	348421.0	1.37366	Y
7	IC 410-695447/9	10.0	14.08919	10.0	349612.0	1.408919	Y
8	IC 410-695447/10	25.0	35.419189	10.0	350892.0	1.416768	Y
9	IC 410-695447/11	50.0	66.997779	10.0	378290.0	1.339956	Y



Calibration

/ Isopropyl alcohol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

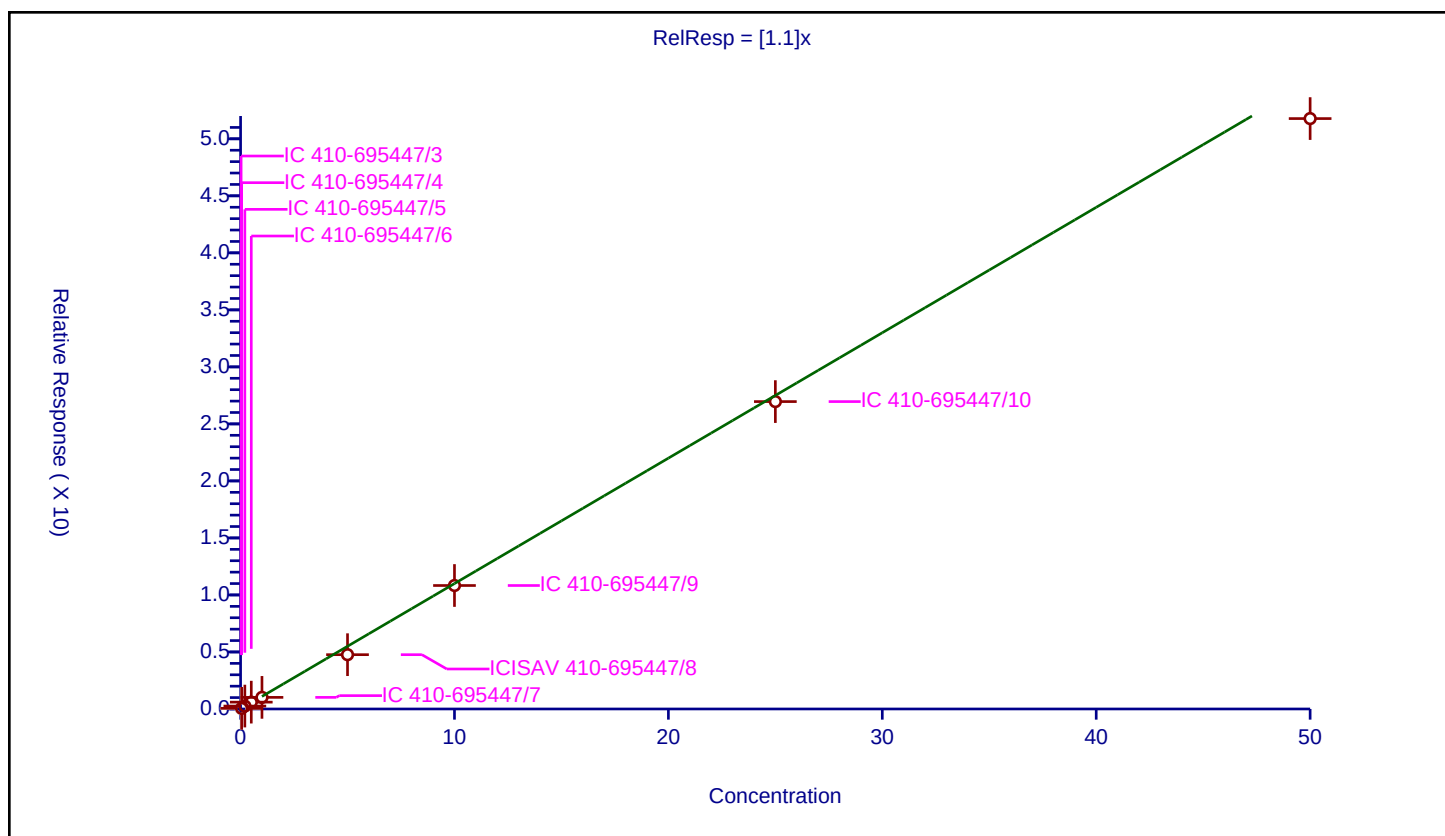
Curve Coefficients

Intercept: 0
 Slope: 1.1

Error Coefficients

Relative Standard Deviation: 9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.047426	10.0	332307.0	1.897041	N
2	IC 410-695447/4	0.05	0.057293	10.0	332852.0	1.145855	Y
3	IC 410-695447/5	0.2	0.256732	10.0	341173.0	1.28366	Y
4	IC 410-695447/6	0.5	0.600266	10.0	333502.0	1.200533	Y
5	IC 410-695447/7	1.0	1.019442	10.0	332839.0	1.019442	Y
6	ICISAV 410-695447/8	5.0	4.761883	10.0	348421.0	0.952377	Y
7	IC 410-695447/9	10.0	10.82766	10.0	349612.0	1.082766	Y
8	IC 410-695447/10	25.0	26.956043	10.0	350892.0	1.078242	Y
9	IC 410-695447/11	50.0	51.775966	10.0	378290.0	1.035519	Y



Calibration

/ Carbon disulfide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

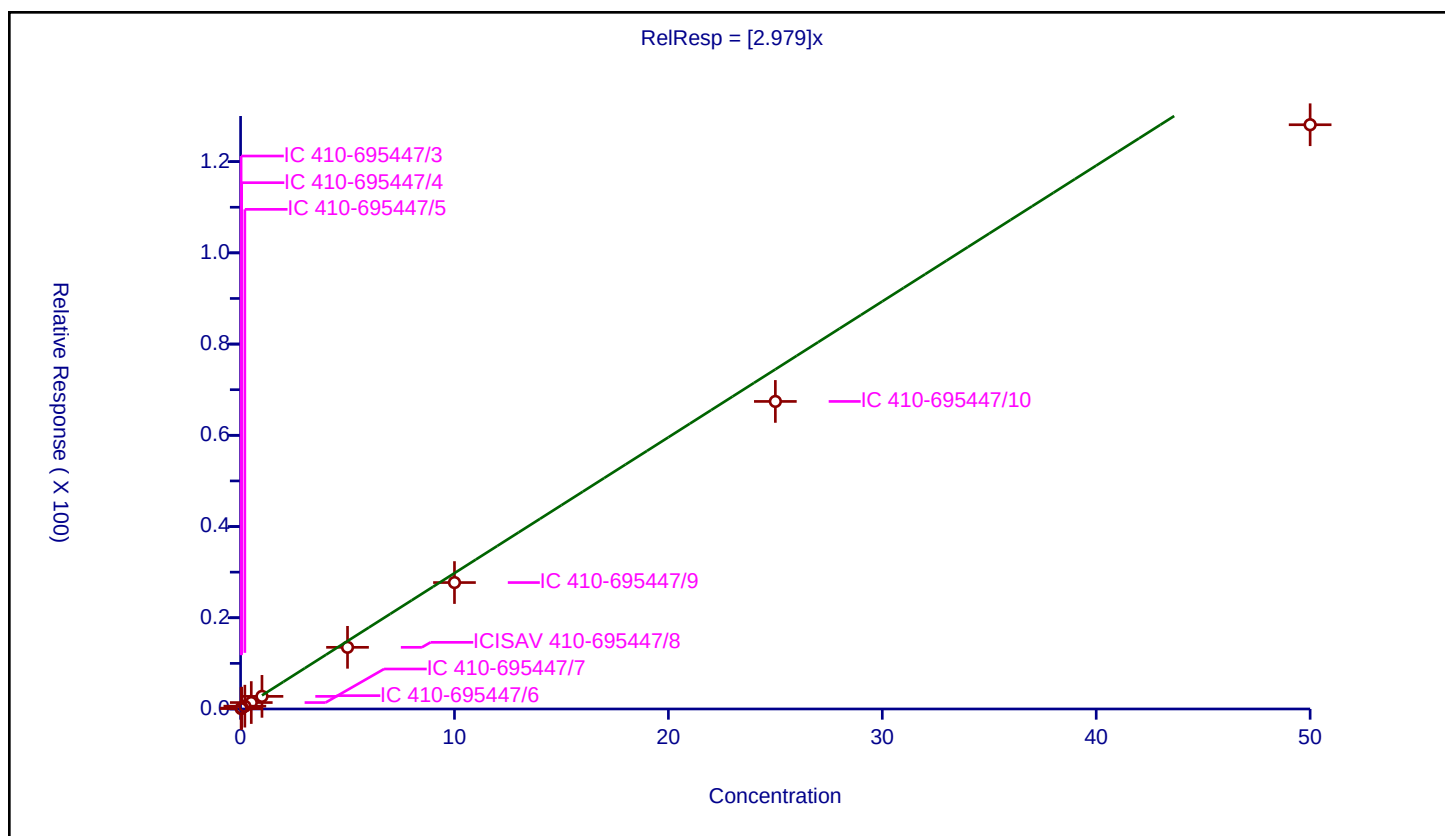
Curve Coefficients

Intercept: 0
 Slope: 2.979

Error Coefficients

Relative Standard Deviation: 14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.093558	10.0	332307.0	3.742323	Y
2	IC 410-695447/4	0.05	0.182664	10.0	332852.0	3.653275	Y
3	IC 410-695447/5	0.2	0.618455	10.0	341173.0	3.092273	Y
4	IC 410-695447/6	0.5	1.409137	10.0	333502.0	2.818274	Y
5	IC 410-695447/7	1.0	2.765391	10.0	332839.0	2.765391	Y
6	ICISAV 410-695447/8	5.0	13.519937	10.0	348421.0	2.703987	Y
7	IC 410-695447/9	10.0	27.721989	10.0	349612.0	2.772199	Y
8	IC 410-695447/10	25.0	67.425162	10.0	350892.0	2.697006	Y
9	IC 410-695447/11	50.0	128.090883	10.0	378290.0	2.561818	Y



Calibration

/ 3-Chloro-1-propene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

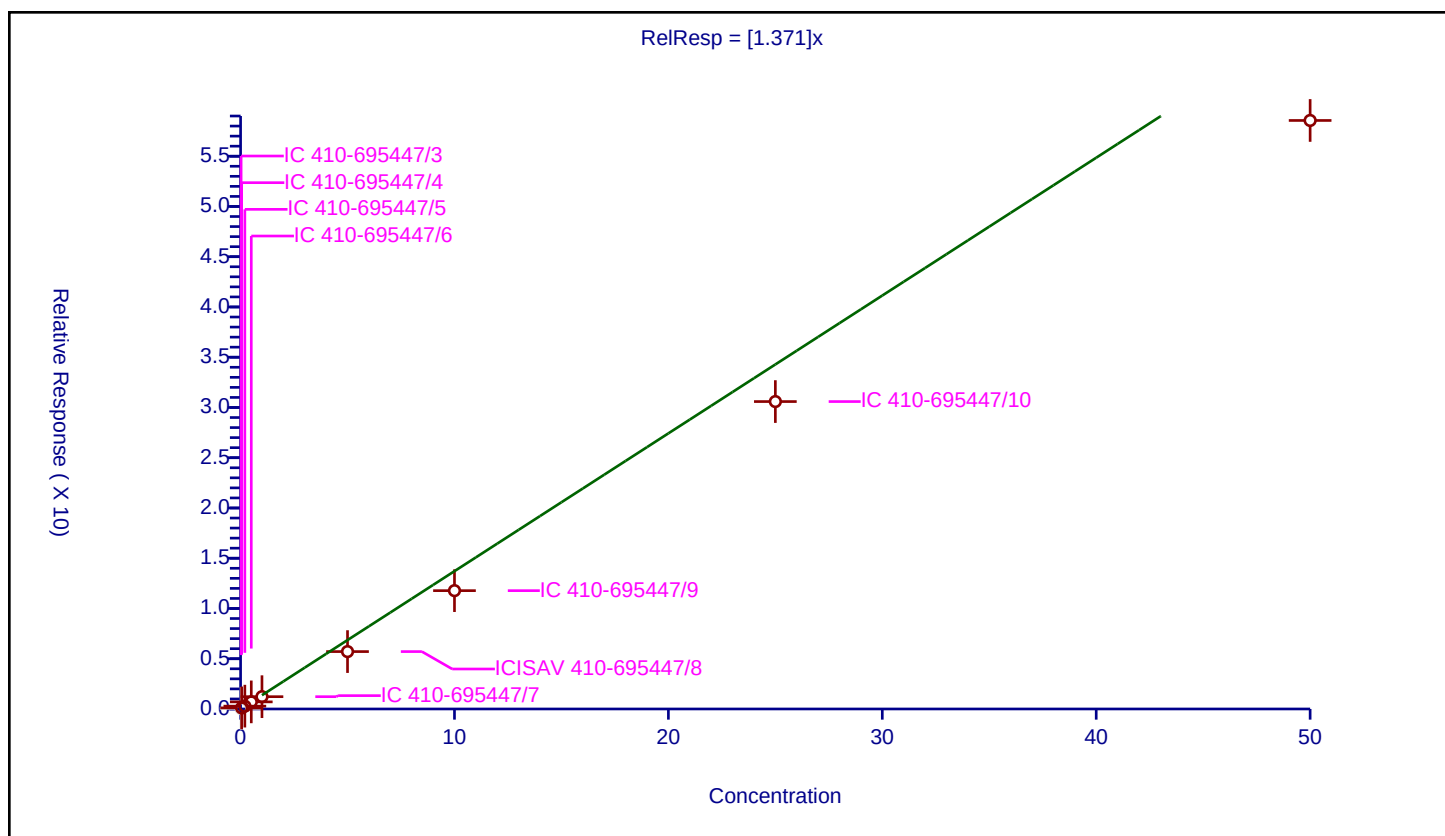
Curve Coefficients

Intercept: 0
Slope: 1.371

Error Coefficients

Relative Standard Deviation: 25.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.053776	10.0	332307.0	2.151023	N
2	IC 410-695447/4	0.05	0.11047	10.0	332852.0	2.20939	Y
3	IC 410-695447/5	0.2	0.281382	10.0	341173.0	1.406911	Y
4	IC 410-695447/6	0.5	0.707552	10.0	333502.0	1.415104	Y
5	IC 410-695447/7	1.0	1.224105	10.0	332839.0	1.224105	Y
6	ICISAV 410-695447/8	5.0	5.710993	10.0	348421.0	1.142199	Y
7	IC 410-695447/9	10.0	11.775254	10.0	349612.0	1.177525	Y
8	IC 410-695447/10	25.0	30.588871	10.0	350892.0	1.223555	Y
9	IC 410-695447/11	50.0	58.557509	10.0	378290.0	1.17115	Y



Calibration

/ Methylene Chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

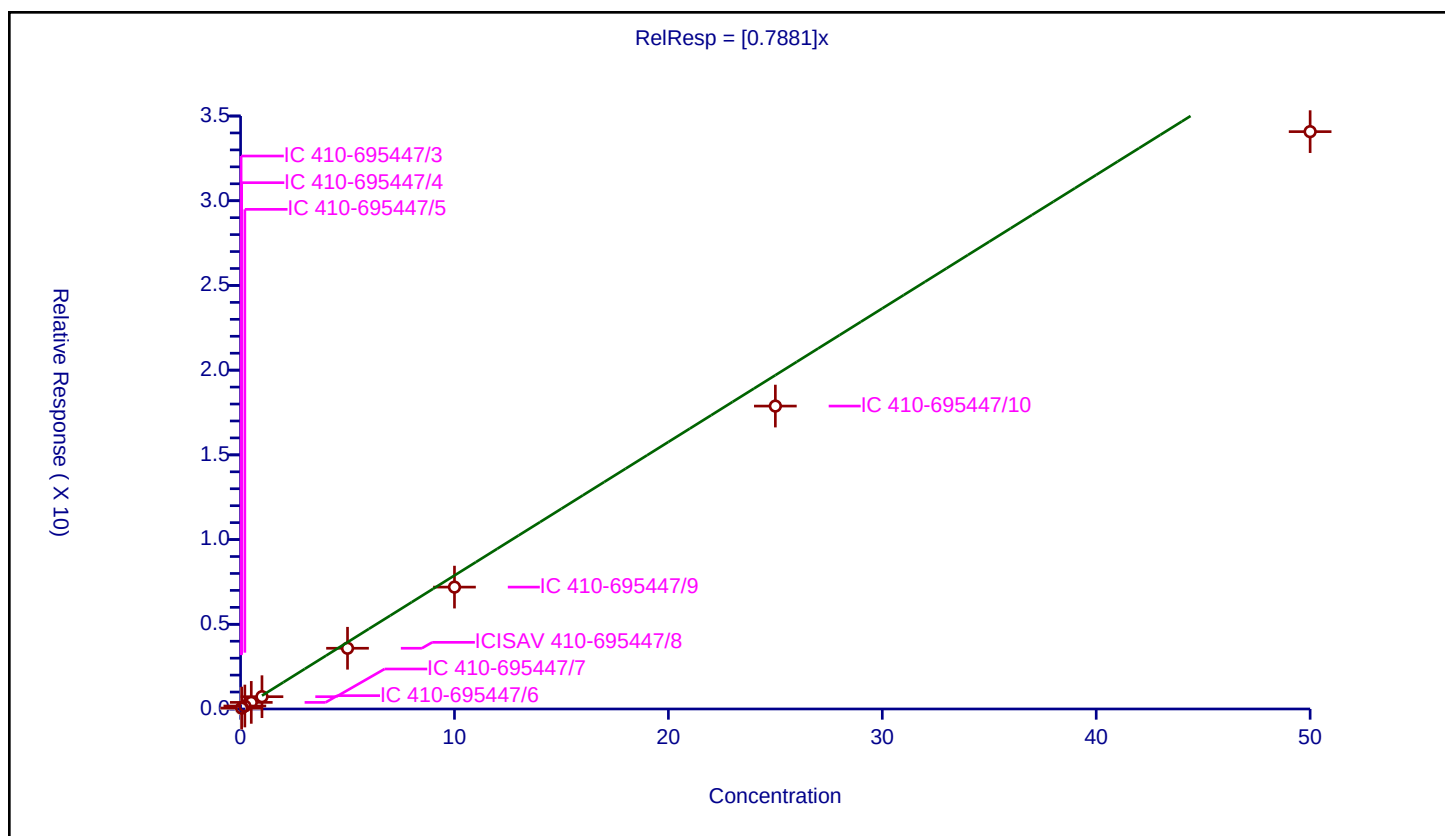
Curve Coefficients

Intercept: 0
 Slope: 0.7881

Error Coefficients

Relative Standard Deviation: 17.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.030394	10.0	332307.0	1.215743	N
2	IC 410-695447/4	0.05	0.054409	10.0	332852.0	1.088171	Y
3	IC 410-695447/5	0.2	0.175454	10.0	341173.0	0.877268	Y
4	IC 410-695447/6	0.5	0.389743	10.0	333502.0	0.779486	Y
5	IC 410-695447/7	1.0	0.726808	10.0	332839.0	0.726808	Y
6	ICISAV 410-695447/8	5.0	3.584887	10.0	348421.0	0.716977	Y
7	IC 410-695447/9	10.0	7.19449	10.0	349612.0	0.719449	Y
8	IC 410-695447/10	25.0	17.87912	10.0	350892.0	0.715165	Y
9	IC 410-695447/11	50.0	34.077084	10.0	378290.0	0.681542	Y



Calibration

/ 2-Methyl-2-propanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

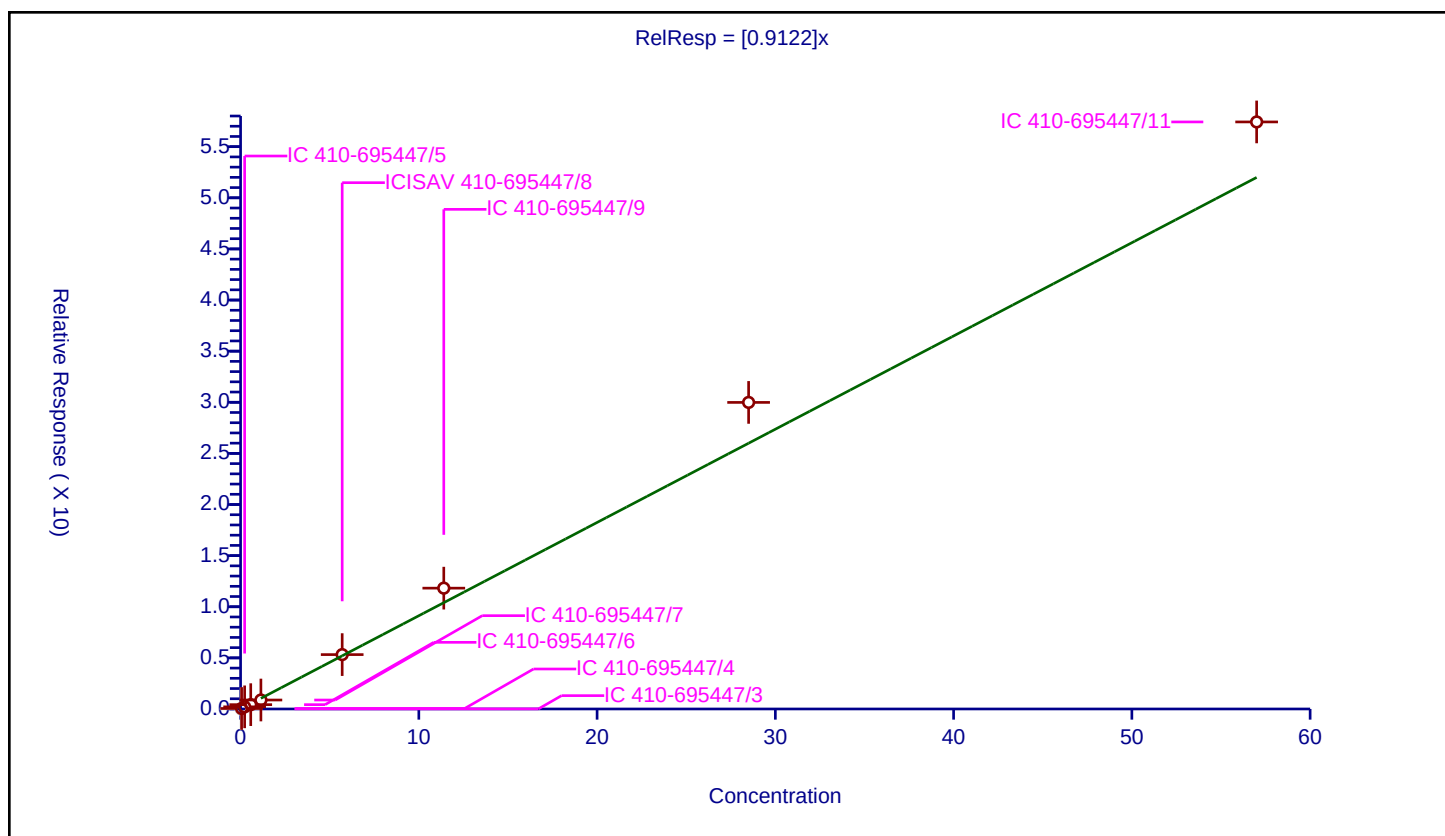
Curve Coefficients

Intercept: 0
Slope: 0.9122

Error Coefficients

Relative Standard Deviation: 13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.0285	0.011736	10.0	332307.0	0.411794	N
2	IC 410-695447/4	0.057	0.047739	10.0	332852.0	0.837525	Y
3	IC 410-695447/5	0.228	0.209278	10.0	341173.0	0.917886	Y
4	IC 410-695447/6	0.57	0.423296	10.0	333502.0	0.742624	Y
5	IC 410-695447/7	1.14	0.877421	10.0	332839.0	0.769668	Y
6	ICISAV 410-695447/8	5.7	5.320173	10.0	348421.0	0.933364	Y
7	IC 410-695447/9	11.4	11.819017	10.0	349612.0	1.036756	Y
8	IC 410-695447/10	28.5	29.986207	10.0	350892.0	1.052148	Y
9	IC 410-695447/11	57.0	57.419784	10.0	378290.0	1.007365	Y



Calibration

/ Methyl tert-butyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

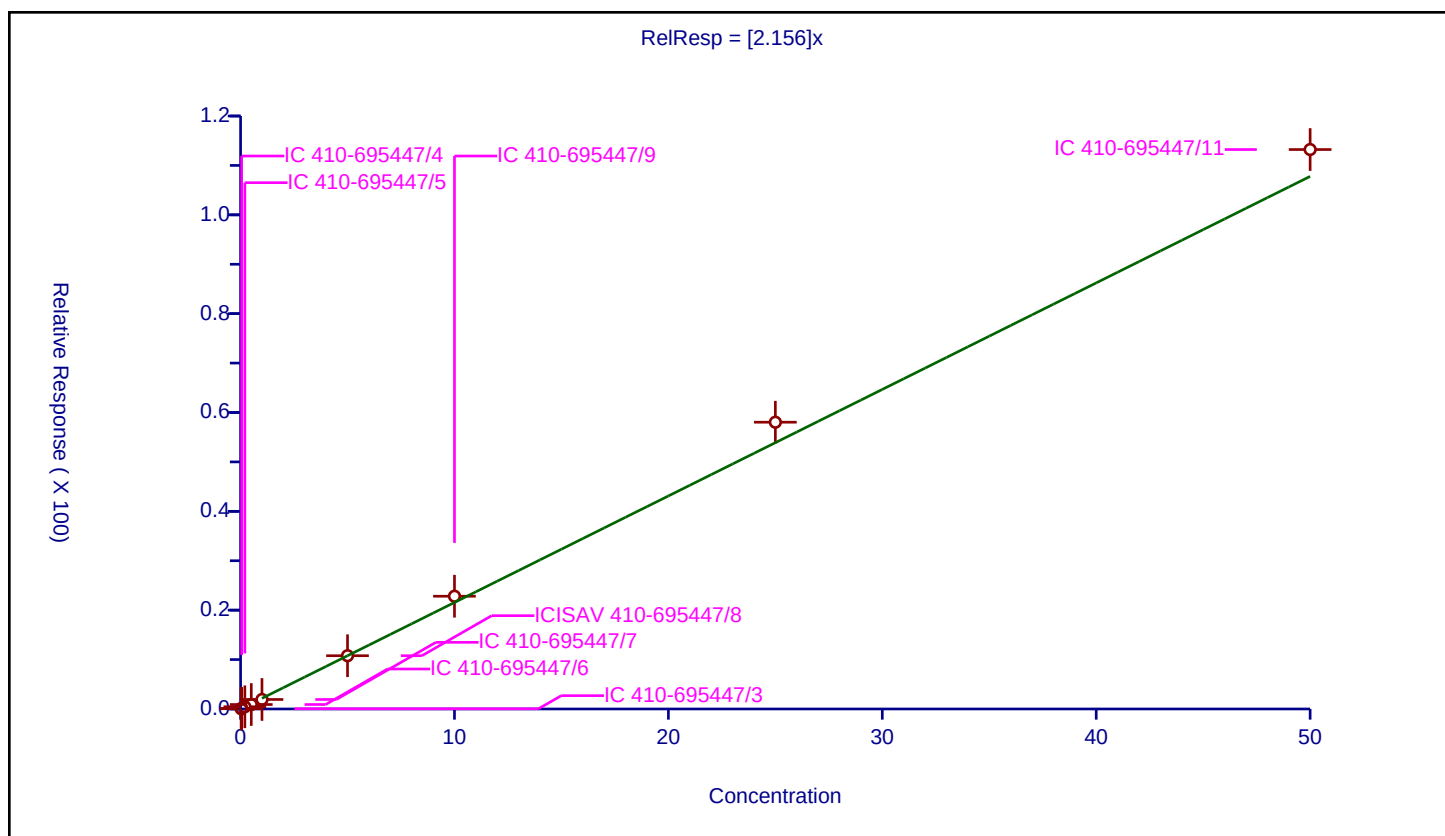
Curve Coefficients

Intercept: 0
Slope: 2.156

Error Coefficients

Relative Standard Deviation: 8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.05188	10.0	332307.0	2.07519	Y
2	IC 410-695447/4	0.05	0.115937	10.0	332852.0	2.318748	Y
3	IC 410-695447/5	0.2	0.450211	10.0	341173.0	2.251057	Y
4	IC 410-695447/6	0.5	0.903623	10.0	333502.0	1.807246	Y
5	IC 410-695447/7	1.0	1.925225	10.0	332839.0	1.925225	Y
6	ICISAV 410-695447/8	5.0	10.777307	10.0	348421.0	2.155461	Y
7	IC 410-695447/9	10.0	22.819869	10.0	349612.0	2.281987	Y
8	IC 410-695447/10	25.0	58.035606	10.0	350892.0	2.321424	Y
9	IC 410-695447/11	50.0	113.217188	10.0	378290.0	2.264344	Y



Calibration

/ trans-1,2-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

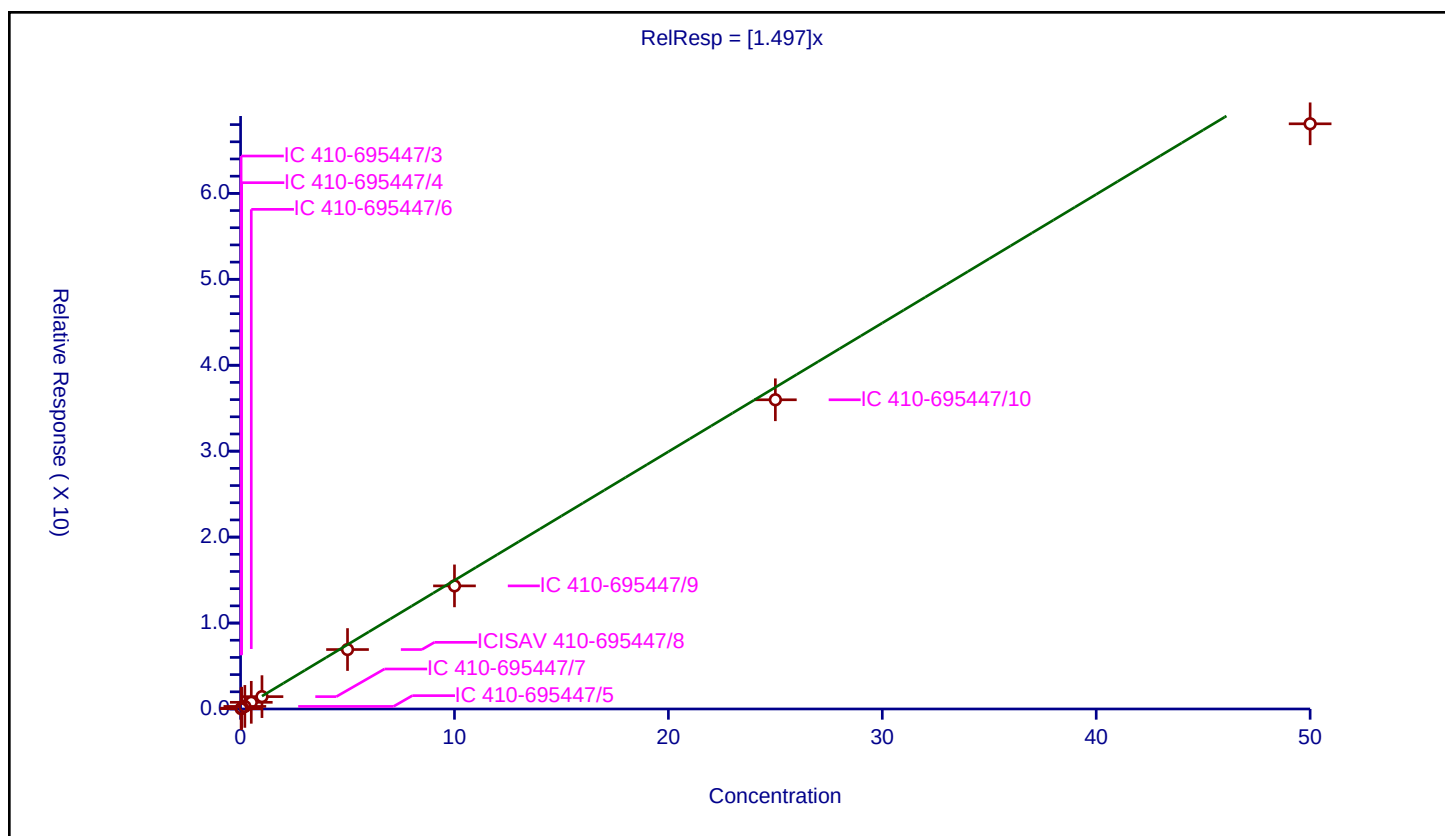
Curve Coefficients

Intercept: 0
Slope: 1.497

Error Coefficients

Relative Standard Deviation: 9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.03903	10.0	332307.0	1.561207	Y
2	IC 410-695447/4	0.05	0.090551	10.0	332852.0	1.811015	Y
3	IC 410-695447/5	0.2	0.298822	10.0	341173.0	1.49411	Y
4	IC 410-695447/6	0.5	0.776067	10.0	333502.0	1.552135	Y
5	IC 410-695447/7	1.0	1.438293	10.0	332839.0	1.438293	Y
6	ICISAV 410-695447/8	5.0	6.918182	10.0	348421.0	1.383636	Y
7	IC 410-695447/9	10.0	14.324222	10.0	349612.0	1.432422	Y
8	IC 410-695447/10	25.0	35.981955	10.0	350892.0	1.439278	Y
9	IC 410-695447/11	50.0	68.094134	10.0	378290.0	1.361883	Y



Calibration

/ Hexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

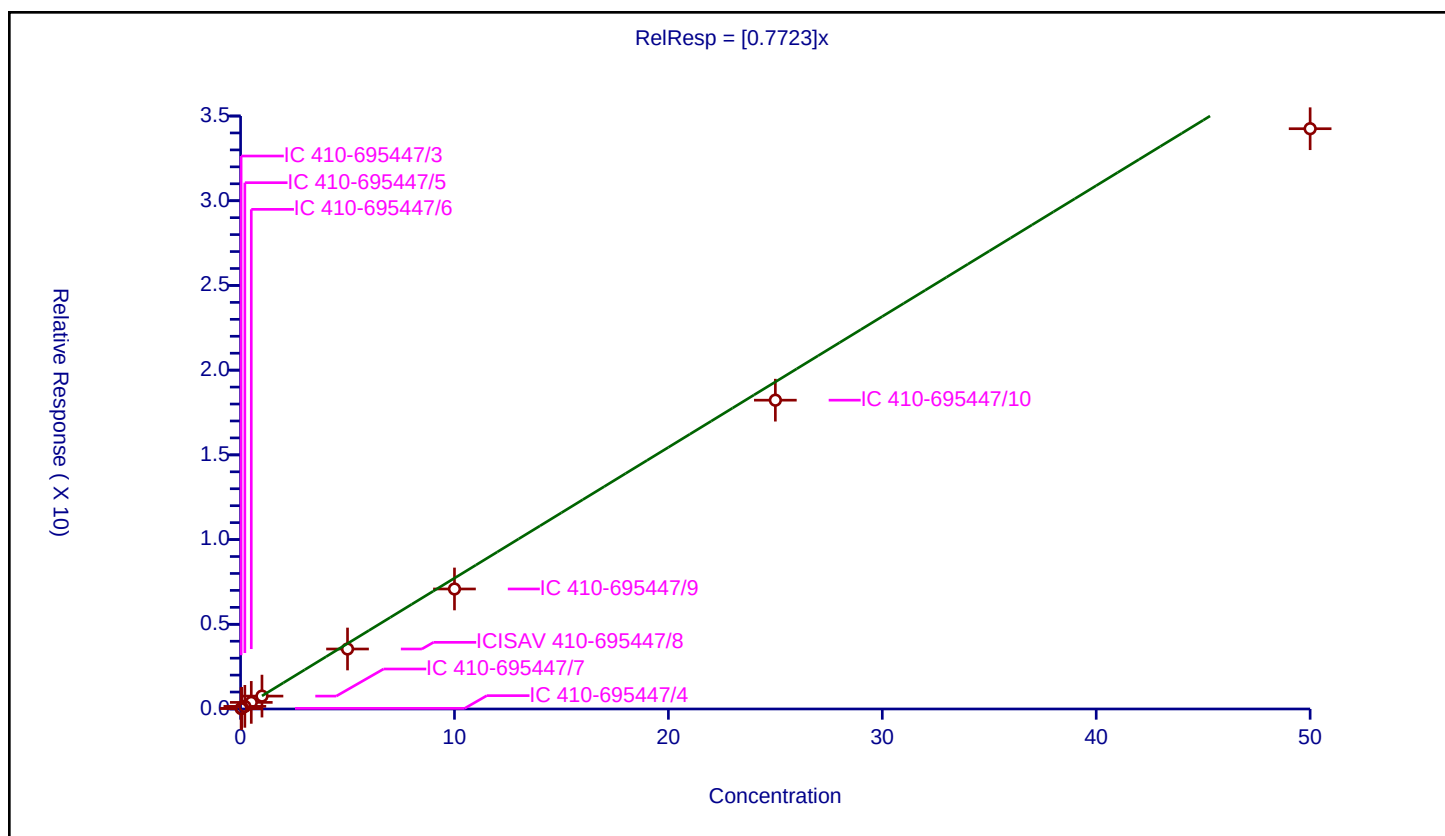
Curve Coefficients

Intercept: 0
 Slope: 0.7723

Error Coefficients

Relative Standard Deviation: 13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.02597	10.0	332307.0	1.038798	Y
2	IC 410-695447/4	0.05	0.038335	10.0	332852.0	0.766707	Y
3	IC 410-695447/5	0.2	0.154877	10.0	341173.0	0.774387	Y
4	IC 410-695447/6	0.5	0.389443	10.0	333502.0	0.778886	Y
5	IC 410-695447/7	1.0	0.760698	10.0	332839.0	0.760698	Y
6	ICISAV 410-695447/8	5.0	3.541233	10.0	348421.0	0.708247	Y
7	IC 410-695447/9	10.0	7.084025	10.0	349612.0	0.708402	Y
8	IC 410-695447/10	25.0	18.228087	10.0	350892.0	0.729123	Y
9	IC 410-695447/11	50.0	34.251527	10.0	378290.0	0.685031	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

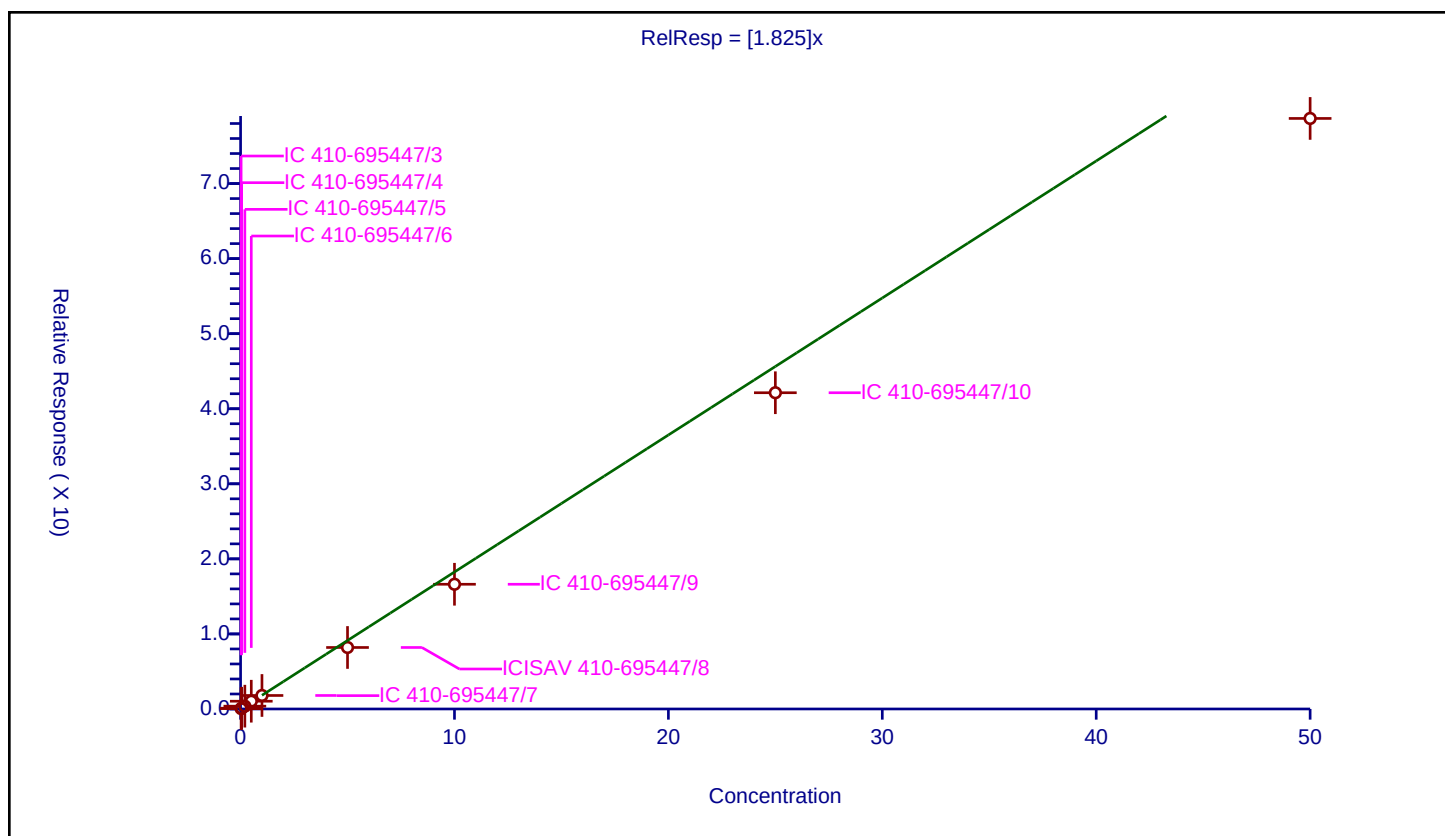
Curve Coefficients

Intercept: 0
 Slope: 1.825

Error Coefficients

Relative Standard Deviation: 11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.052722	10.0	332307.0	2.108893	Y
2	IC 410-695447/4	0.05	0.100735	10.0	332852.0	2.014709	Y
3	IC 410-695447/5	0.2	0.374942	10.0	341173.0	1.874709	Y
4	IC 410-695447/6	0.5	1.035826	10.0	333502.0	2.071652	Y
5	IC 410-695447/7	1.0	1.797956	10.0	332839.0	1.797956	Y
6	ICISAV 410-695447/8	5.0	8.193852	10.0	348421.0	1.63877	Y
7	IC 410-695447/9	10.0	16.616678	10.0	349612.0	1.661668	Y
8	IC 410-695447/10	25.0	42.132793	10.0	350892.0	1.685312	Y
9	IC 410-695447/11	50.0	78.678131	10.0	378290.0	1.573563	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

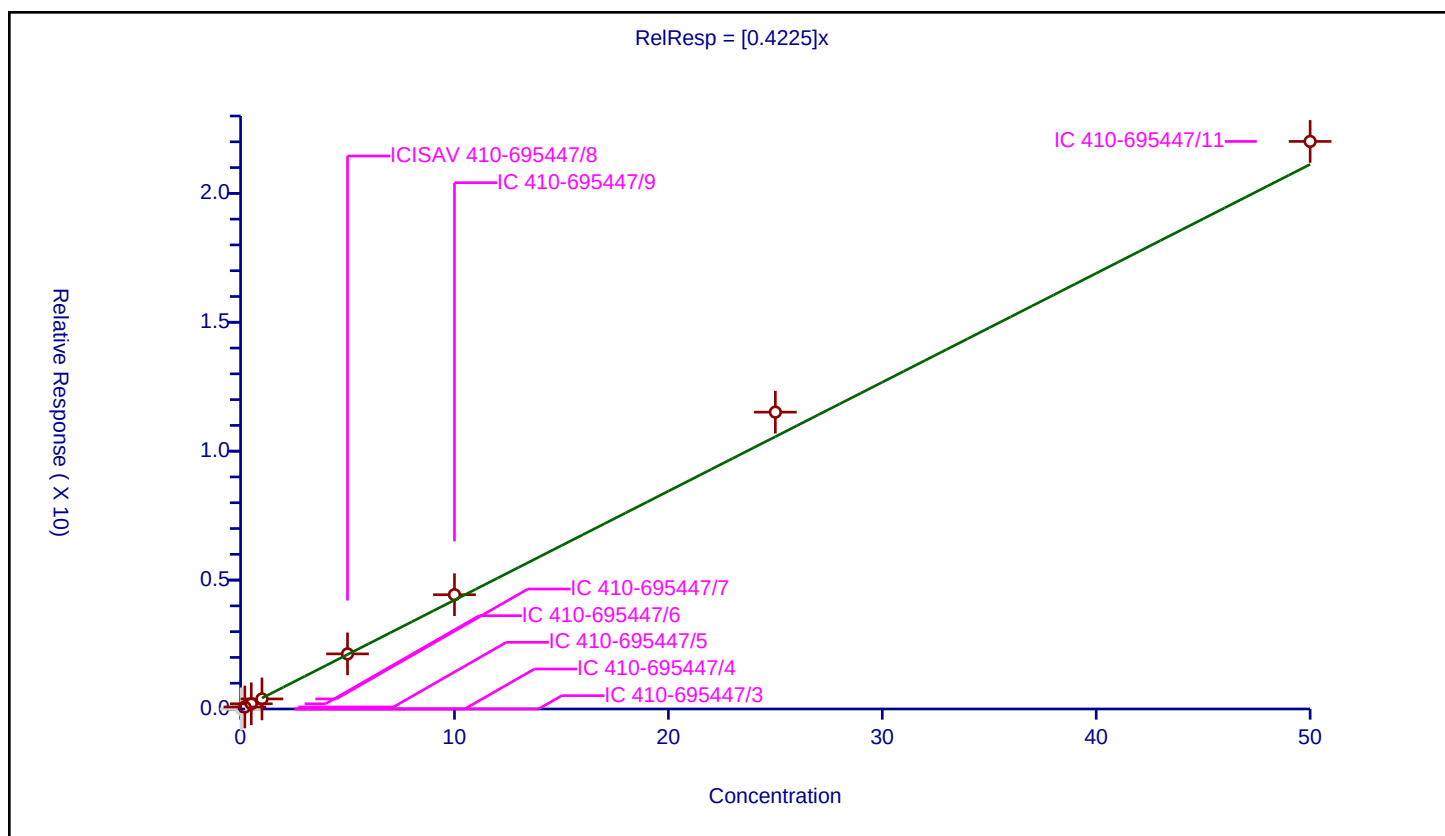
Curve Coefficients

Intercept: 0
Slope: 0.4225

Error Coefficients

Relative Standard Deviation: 6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.0	10.0	332307.0	0.0	N
2	IC 410-695447/4	0.05	0.0	10.0	332852.0	0.0	N
3	IC 410-695447/5	0.2	0.078142	10.0	341173.0	0.390711	Y
4	IC 410-695447/6	0.5	0.202607	10.0	333502.0	0.405215	Y
5	IC 410-695447/7	1.0	0.390038	10.0	332839.0	0.390038	Y
6	ICISAV 410-695447/8	5.0	2.137012	10.0	348421.0	0.427402	Y
7	IC 410-695447/9	10.0	4.432228	10.0	349612.0	0.443223	Y
8	IC 410-695447/10	25.0	11.513771	10.0	350892.0	0.460551	Y
9	IC 410-695447/11	50.0	22.014698	10.0	378290.0	0.440294	Y



Calibration

/ cis-1,2-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

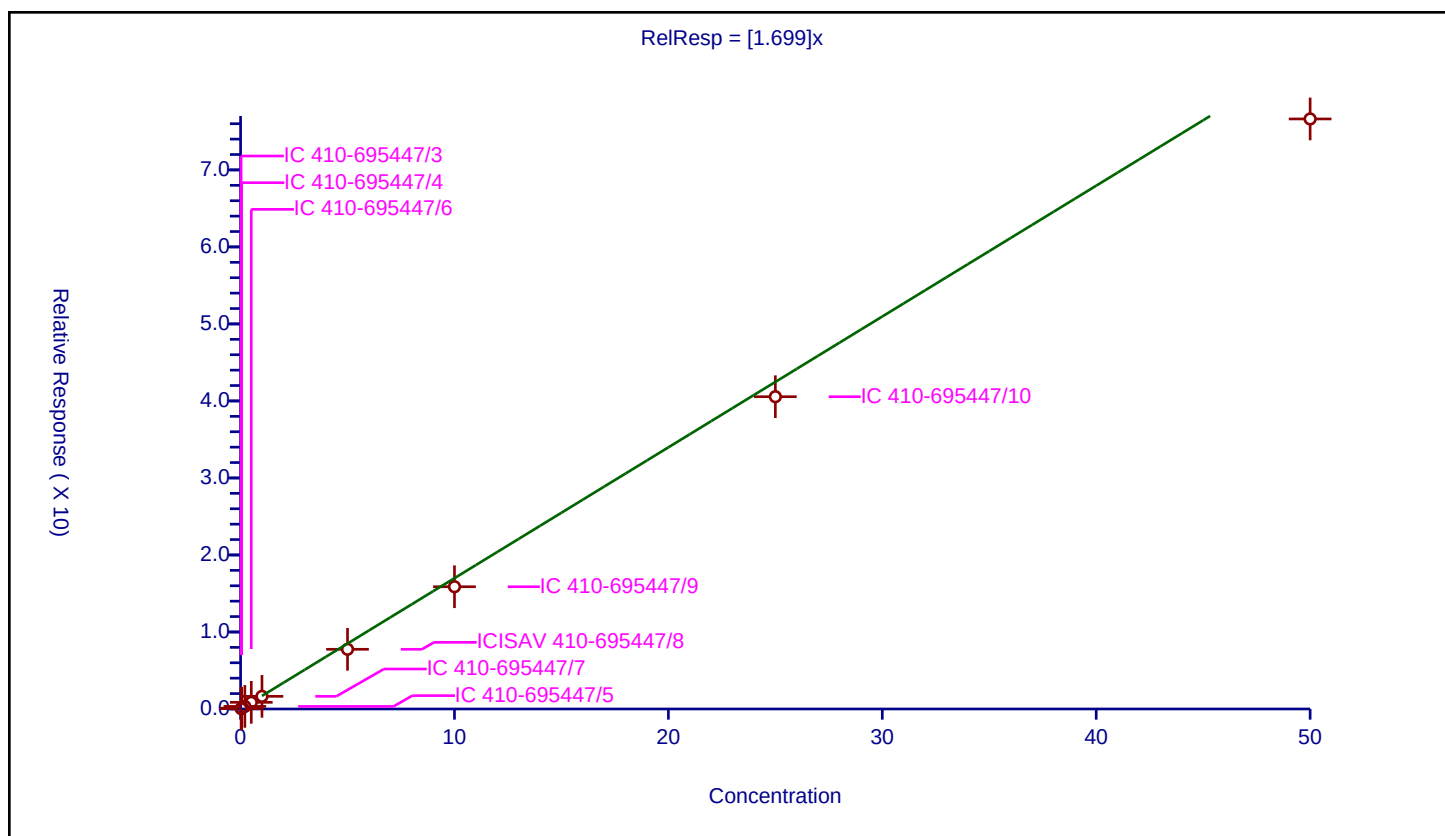
Curve Coefficients

Intercept: 0
Slope: 1.699

Error Coefficients

Relative Standard Deviation: 10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.049201	10.0	332307.0	1.96806	Y
2	IC 410-695447/4	0.05	0.099534	10.0	332852.0	1.990675	Y
3	IC 410-695447/5	0.2	0.333995	10.0	341173.0	1.669974	Y
4	IC 410-695447/6	0.5	0.863263	10.0	333502.0	1.726526	Y
5	IC 410-695447/7	1.0	1.641665	10.0	332839.0	1.641665	Y
6	ICISAV 410-695447/8	5.0	7.752231	10.0	348421.0	1.550446	Y
7	IC 410-695447/9	10.0	15.875914	10.0	349612.0	1.587591	Y
8	IC 410-695447/10	25.0	40.550825	10.0	350892.0	1.622033	Y
9	IC 410-695447/11	50.0	76.619604	10.0	378290.0	1.532392	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

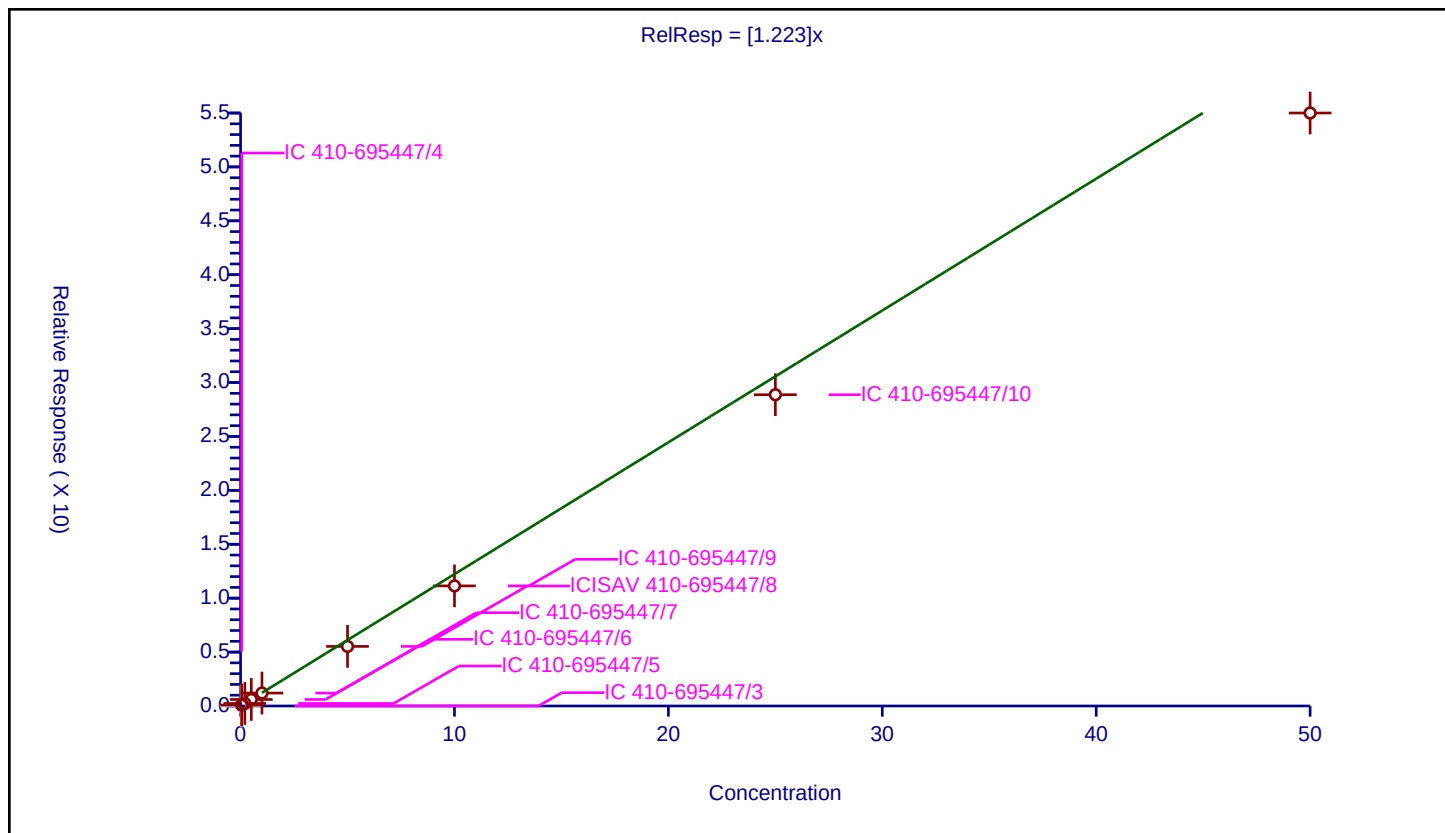
Curve Coefficients

Intercept: 0
 Slope: 1.223

Error Coefficients

Relative Standard Deviation: 17.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.0	10.0	332307.0	0.0	N
2	IC 410-695447/4	0.05	0.086315	10.0	332852.0	1.726293	Y
3	IC 410-695447/5	0.2	0.234427	10.0	341173.0	1.172133	Y
4	IC 410-695447/6	0.5	0.605574	10.0	333502.0	1.211147	Y
5	IC 410-695447/7	1.0	1.198357	10.0	332839.0	1.198357	Y
6	ICISAV 410-695447/8	5.0	5.526389	10.0	348421.0	1.105278	Y
7	IC 410-695447/9	10.0	11.137861	10.0	349612.0	1.113786	Y
8	IC 410-695447/10	25.0	28.871106	10.0	350892.0	1.154844	Y
9	IC 410-695447/11	50.0	54.999974	10.0	378290.0	1.099999	Y



Calibration

/ Chloroform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

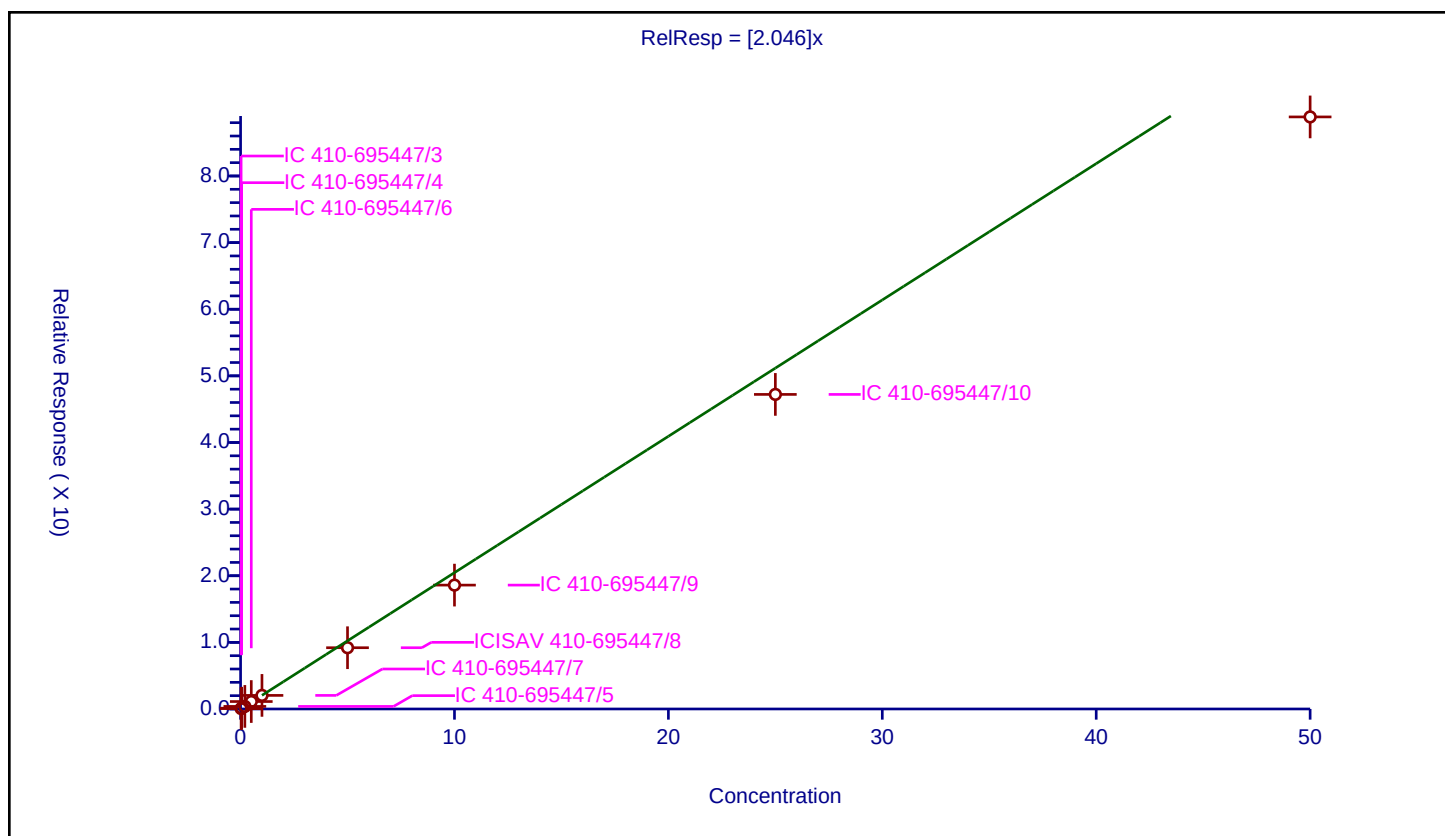
Curve Coefficients

Intercept: 0
 Slope: 2.046

Error Coefficients

Relative Standard Deviation: 12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.061208	10.0	332307.0	2.448338	Y
2	IC 410-695447/4	0.05	0.119362	10.0	332852.0	2.387247	Y
3	IC 410-695447/5	0.2	0.387985	10.0	341173.0	1.939925	Y
4	IC 410-695447/6	0.5	1.119094	10.0	333502.0	2.238187	Y
5	IC 410-695447/7	1.0	2.039515	10.0	332839.0	2.039515	Y
6	ICISAV 410-695447/8	5.0	9.196891	10.0	348421.0	1.839378	Y
7	IC 410-695447/9	10.0	18.594242	10.0	349612.0	1.859424	Y
8	IC 410-695447/10	25.0	47.215354	10.0	350892.0	1.888614	Y
9	IC 410-695447/11	50.0	88.864522	10.0	378290.0	1.77729	Y



Calibration

/ 1,1,1-Trichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

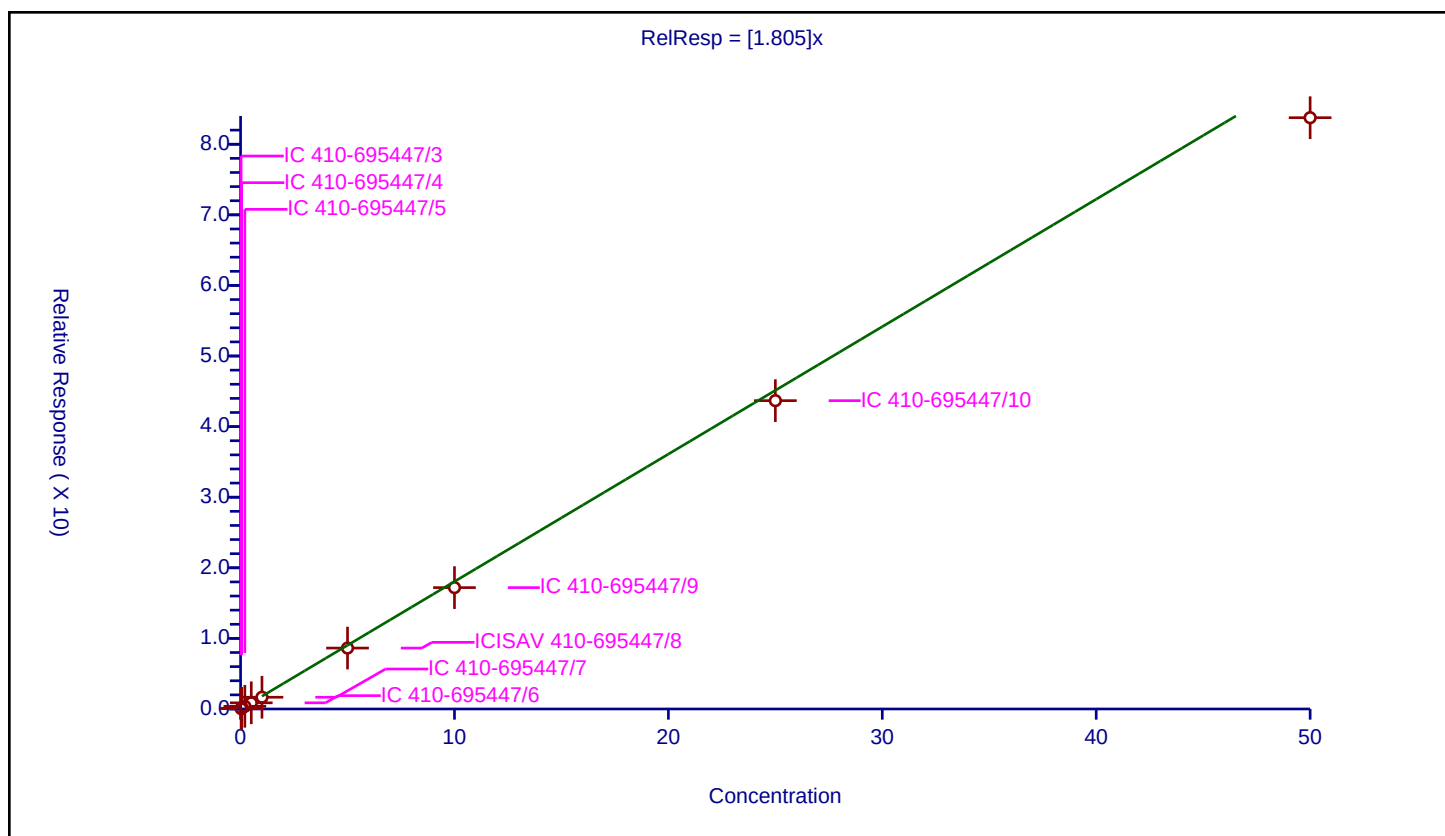
Curve Coefficients

Intercept: 0
Slope: 1.805

Error Coefficients

Relative Standard Deviation: 8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.053866	10.0	332307.0	2.154634	Y
2	IC 410-695447/4	0.05	0.095508	10.0	332852.0	1.910158	Y
3	IC 410-695447/5	0.2	0.380071	10.0	341173.0	1.900356	Y
4	IC 410-695447/6	0.5	0.875377	10.0	333502.0	1.750754	Y
5	IC 410-695447/7	1.0	1.663717	10.0	332839.0	1.663717	Y
6	ICISAV 410-695447/8	5.0	8.631483	10.0	348421.0	1.726297	Y
7	IC 410-695447/9	10.0	17.195205	10.0	349612.0	1.71952	Y
8	IC 410-695447/10	25.0	43.678767	10.0	350892.0	1.747151	Y
9	IC 410-695447/11	50.0	83.760818	10.0	378290.0	1.675216	Y



Calibration

/ Cyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

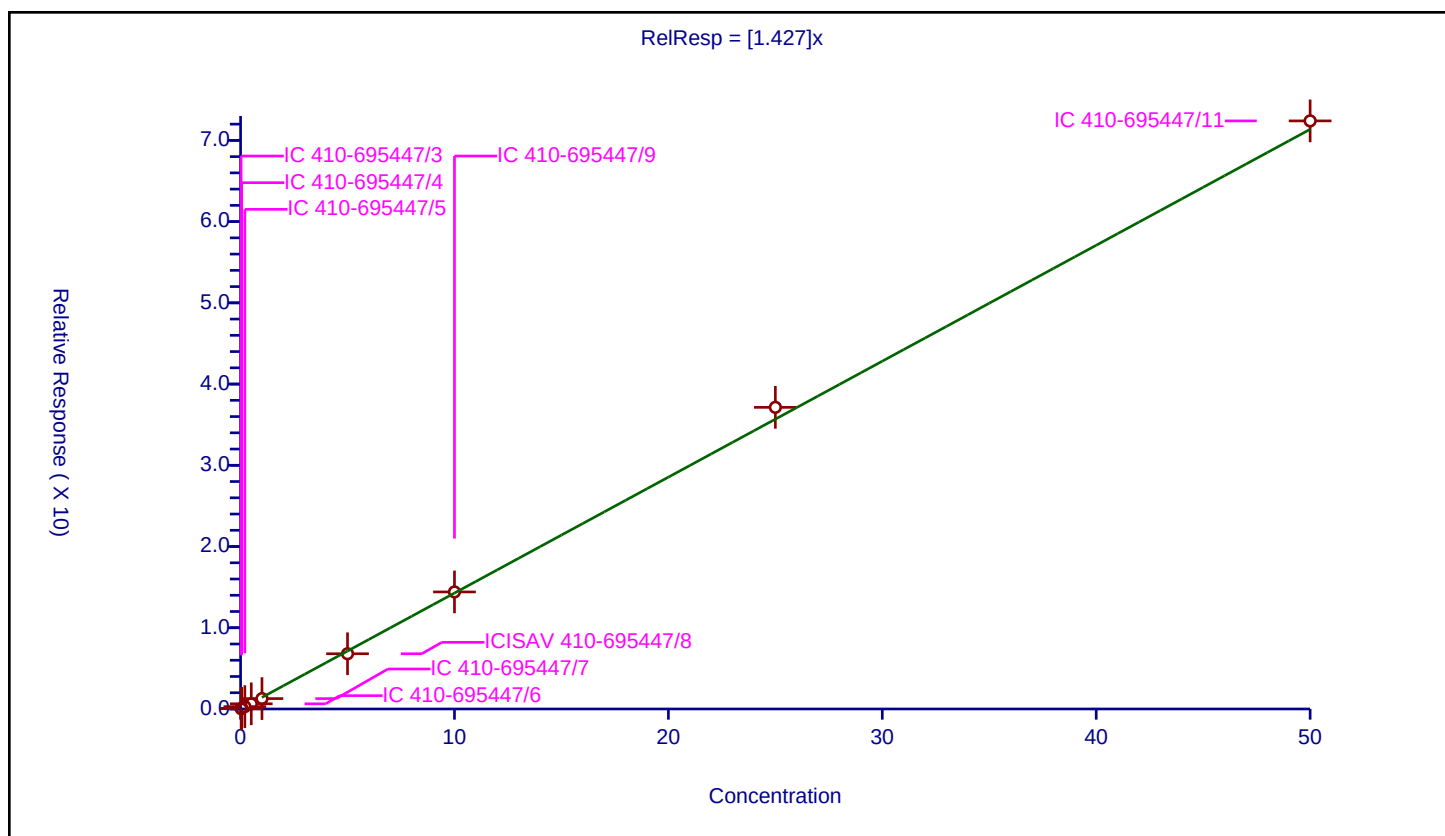
Curve Coefficients

Intercept: 0
Slope: 1.427

Error Coefficients

Relative Standard Deviation: 7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.037917	10.0	332307.0	1.51667	Y
2	IC 410-695447/4	0.05	0.078864	10.0	332852.0	1.577278	Y
3	IC 410-695447/5	0.2	0.291963	10.0	341173.0	1.459817	Y
4	IC 410-695447/6	0.5	0.638077	10.0	333502.0	1.276154	Y
5	IC 410-695447/7	1.0	1.280289	10.0	332839.0	1.280289	Y
6	ICISAV 410-695447/8	5.0	6.800824	10.0	348421.0	1.360165	Y
7	IC 410-695447/9	10.0	14.411834	10.0	349612.0	1.441183	Y
8	IC 410-695447/10	25.0	37.13513	10.0	350892.0	1.485405	Y
9	IC 410-695447/11	50.0	72.398821	10.0	378290.0	1.447976	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

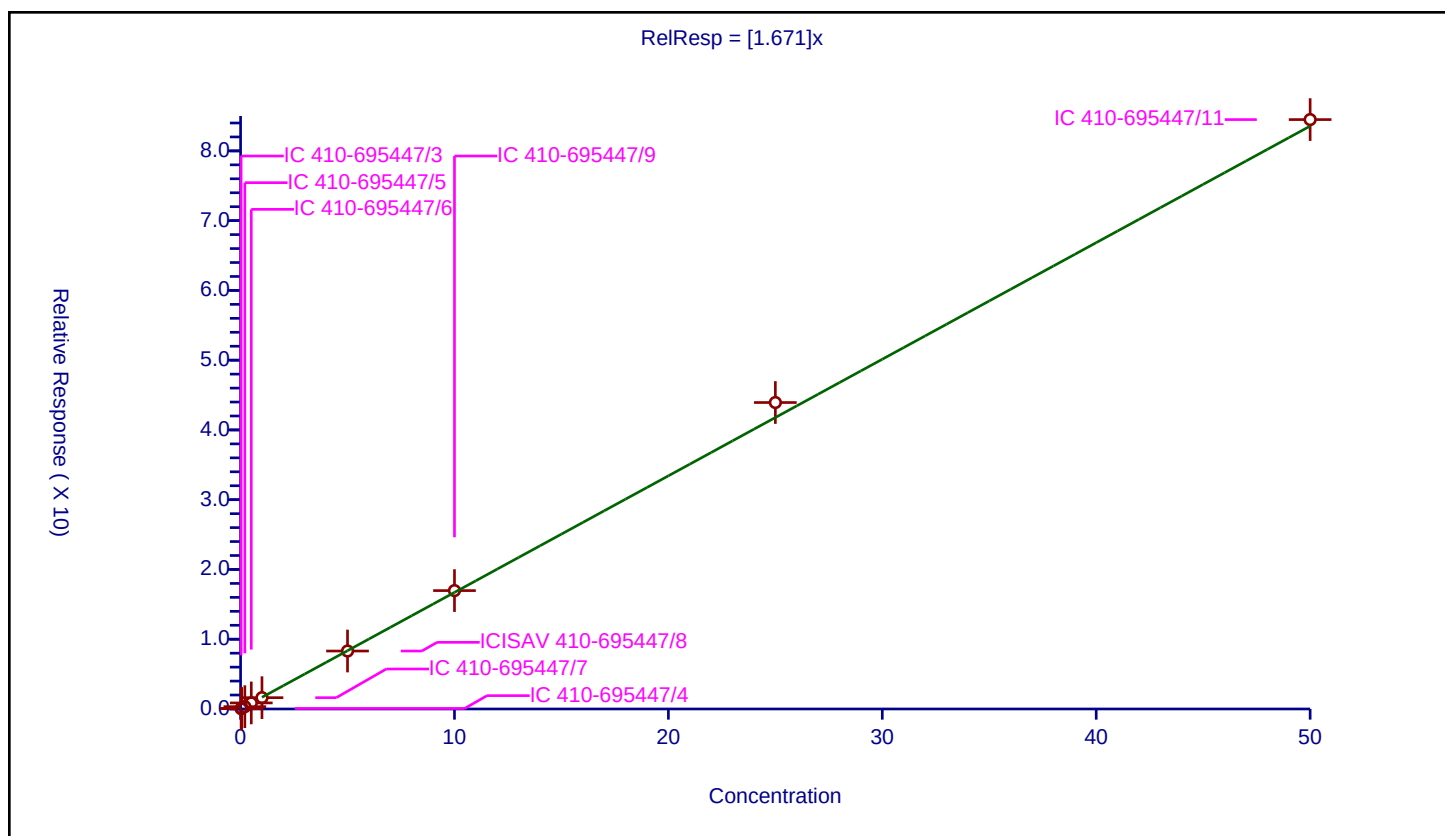
Curve Coefficients

Intercept: 0
Slope: 1.671

Error Coefficients

Relative Standard Deviation: 4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.042401	10.0	332307.0	1.696022	Y
2	IC 410-695447/4	0.05	0.075169	10.0	332852.0	1.503371	Y
3	IC 410-695447/5	0.2	0.334962	10.0	341173.0	1.67481	Y
4	IC 410-695447/6	0.5	0.86875	10.0	333502.0	1.737501	Y
5	IC 410-695447/7	1.0	1.622827	10.0	332839.0	1.622827	Y
6	ICISAV 410-695447/8	5.0	8.309086	10.0	348421.0	1.661817	Y
7	IC 410-695447/9	10.0	16.968783	10.0	349612.0	1.696878	Y
8	IC 410-695447/10	25.0	43.930868	10.0	350892.0	1.757235	Y
9	IC 410-695447/11	50.0	84.488276	10.0	378290.0	1.689766	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

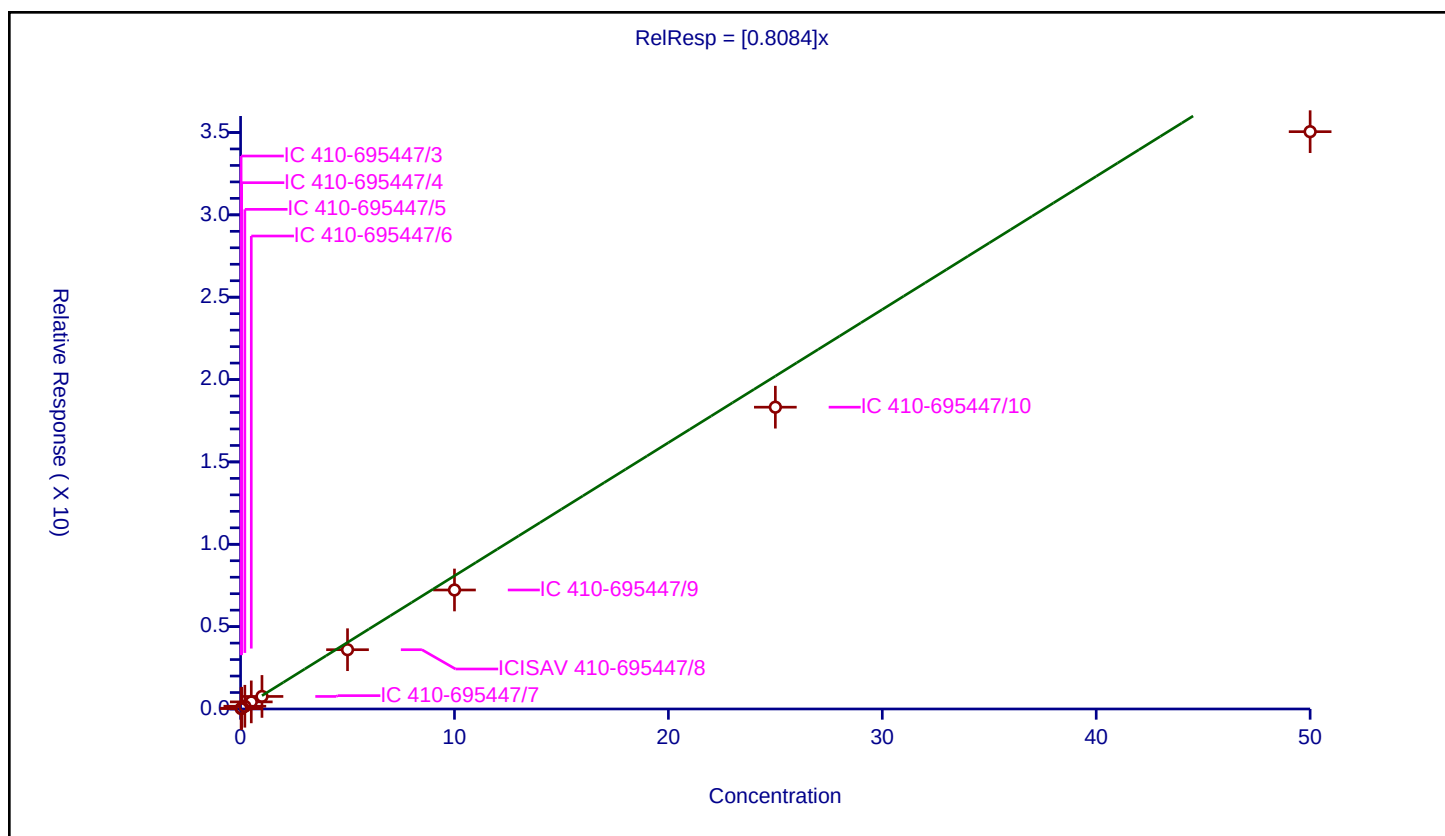
Curve Coefficients

Intercept: 0
Slope: 0.8084

Error Coefficients

Relative Standard Deviation: 14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.026507	10.0	1261911.0	1.060297	Y
2	IC 410-695447/4	0.05	0.044249	10.0	1234157.0	0.884977	Y
3	IC 410-695447/5	0.2	0.165867	10.0	1256184.0	0.829337	Y
4	IC 410-695447/6	0.5	0.431796	10.0	1256982.0	0.863592	Y
5	IC 410-695447/7	1.0	0.761337	10.0	1278199.0	0.761337	Y
6	ICISAV 410-695447/8	5.0	3.599812	10.0	1309596.0	0.719962	Y
7	IC 410-695447/9	10.0	7.225026	10.0	1331162.0	0.722503	Y
8	IC 410-695447/10	25.0	18.323224	10.0	1343477.0	0.732929	Y
9	IC 410-695447/11	50.0	35.049802	10.0	1416709.0	0.700996	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

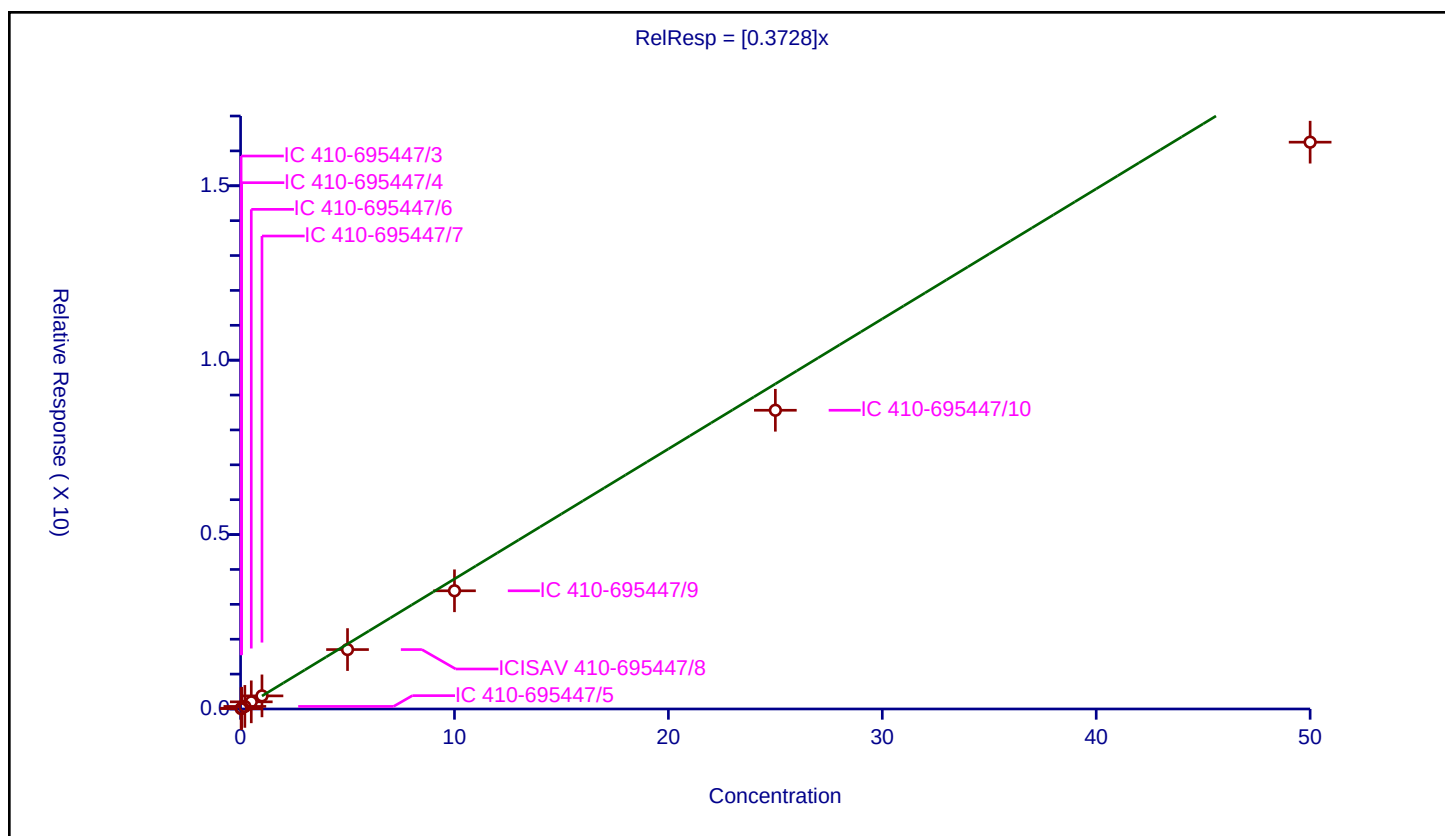
Curve Coefficients

Intercept: 0
 Slope: 0.3728

Error Coefficients

Relative Standard Deviation: 10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.010761	10.0	1261911.0	0.430458	Y
2	IC 410-695447/4	0.05	0.021197	10.0	1234157.0	0.423933	Y
3	IC 410-695447/5	0.2	0.073476	10.0	1256184.0	0.367382	Y
4	IC 410-695447/6	0.5	0.205182	10.0	1256982.0	0.410364	Y
5	IC 410-695447/7	1.0	0.376045	10.0	1278199.0	0.376045	Y
6	ICISAV 410-695447/8	5.0	1.703373	10.0	1309596.0	0.340675	Y
7	IC 410-695447/9	10.0	3.388438	10.0	1331162.0	0.338844	Y
8	IC 410-695447/10	25.0	8.564159	10.0	1343477.0	0.342566	Y
9	IC 410-695447/11	50.0	16.249907	10.0	1416709.0	0.324998	Y



Calibration

/ Isooctane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

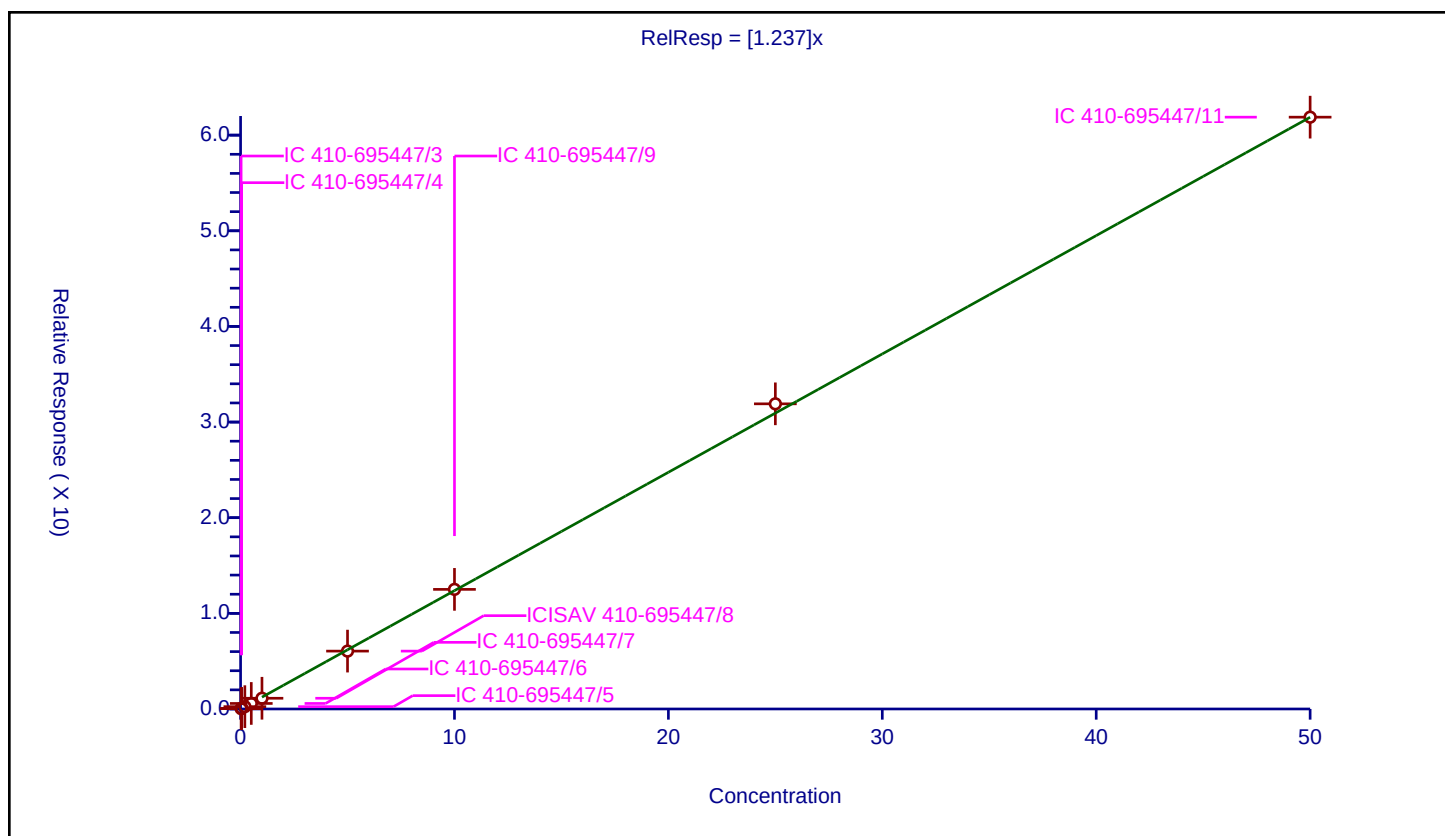
Curve Coefficients

Intercept: 0
Slope: 1.237

Error Coefficients

Relative Standard Deviation: 6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.035026	10.0	1261911.0	1.40105	Y
2	IC 410-695447/4	0.05	0.062917	10.0	1234157.0	1.258349	Y
3	IC 410-695447/5	0.2	0.244534	10.0	1256184.0	1.222671	Y
4	IC 410-695447/6	0.5	0.578537	10.0	1256982.0	1.157073	Y
5	IC 410-695447/7	1.0	1.122994	10.0	1278199.0	1.122994	Y
6	ICISAV 410-695447/8	5.0	6.051737	10.0	1309596.0	1.210347	Y
7	IC 410-695447/9	10.0	12.50533	10.0	1331162.0	1.250533	Y
8	IC 410-695447/10	25.0	31.905496	10.0	1343477.0	1.27622	Y
9	IC 410-695447/11	50.0	61.879857	10.0	1416709.0	1.237597	Y



Calibration

/ n-Heptane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

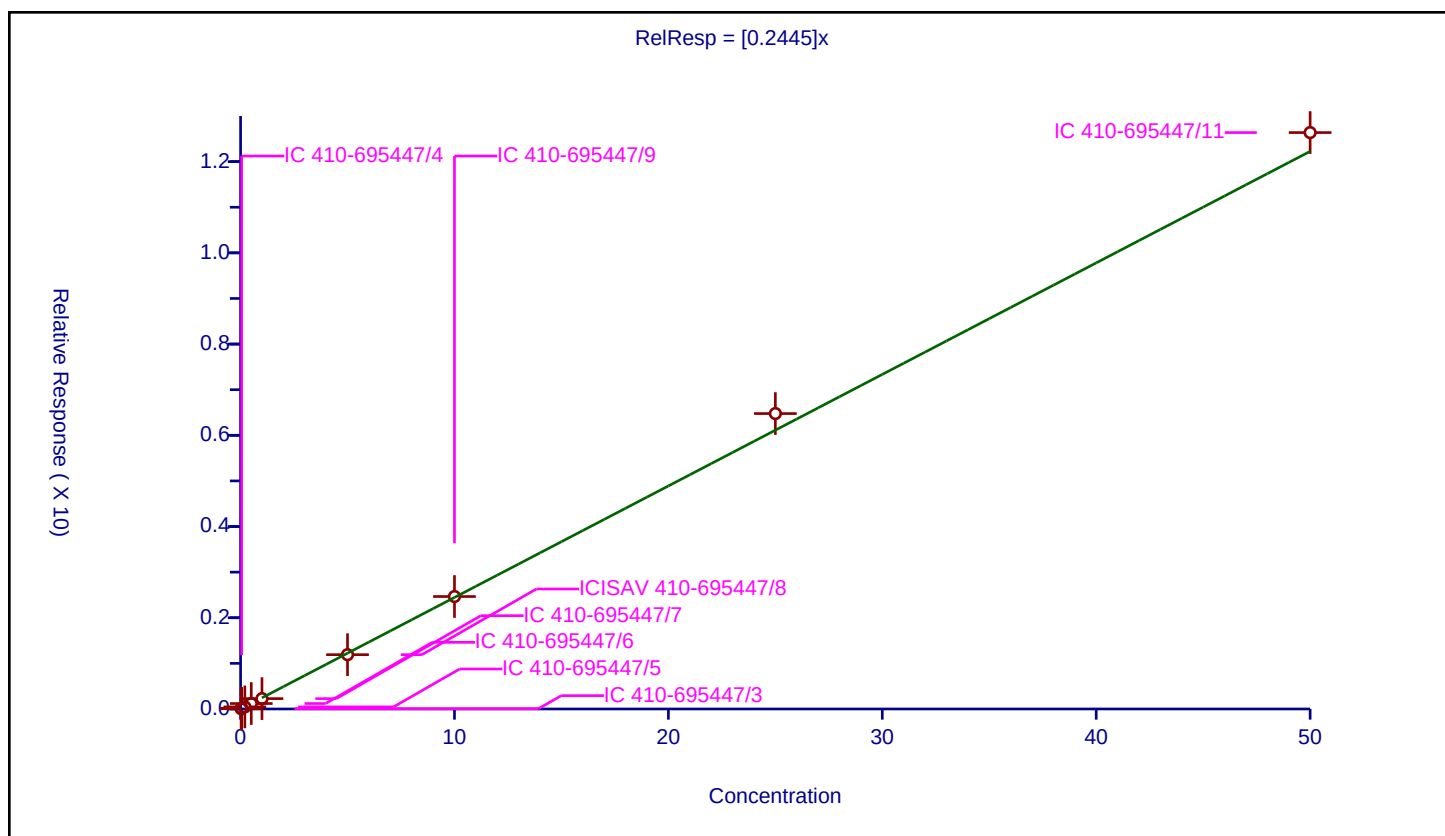
Curve Coefficients

Intercept: 0
Slope: 0.2445

Error Coefficients

Relative Standard Deviation: 5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.006102	10.0	1261911.0	0.244074	Y
2	IC 410-695447/4	0.05	0.013159	10.0	1234157.0	0.263176	Y
3	IC 410-695447/5	0.2	0.046068	10.0	1256184.0	0.23034	Y
4	IC 410-695447/6	0.5	0.119508	10.0	1256982.0	0.239017	Y
5	IC 410-695447/7	1.0	0.22732	10.0	1278199.0	0.22732	Y
6	ICISAV 410-695447/8	5.0	1.190818	10.0	1309596.0	0.238164	Y
7	IC 410-695447/9	10.0	2.465801	10.0	1331162.0	0.24658	Y
8	IC 410-695447/10	25.0	6.477	10.0	1343477.0	0.25908	Y
9	IC 410-695447/11	50.0	12.637027	10.0	1416709.0	0.252741	Y



Calibration

/ Trichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

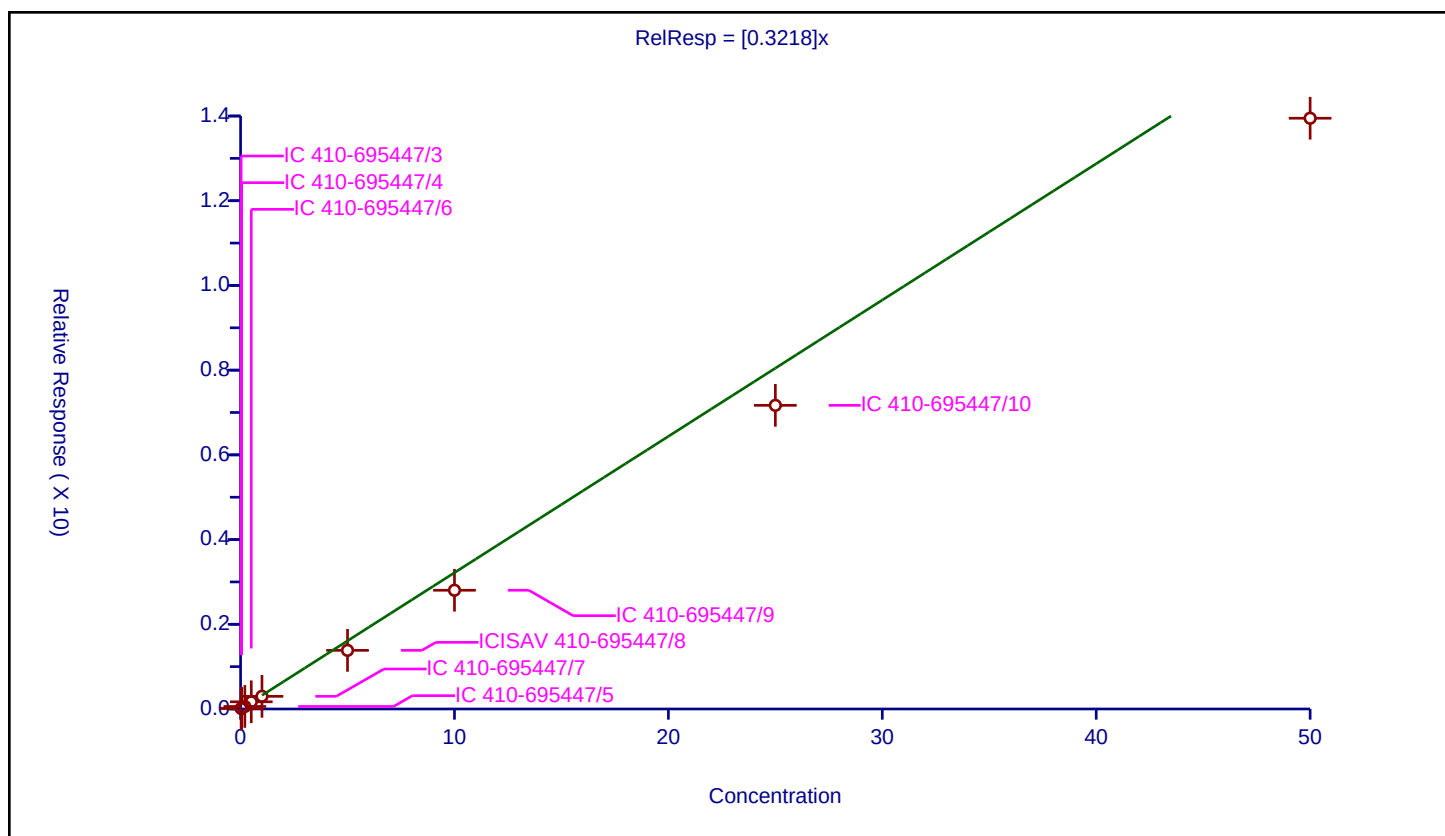
Curve Coefficients

Intercept: 0
Slope: 0.3218

Error Coefficients

Relative Standard Deviation: 21.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.012315	10.0	1261911.0	0.492586	Y
2	IC 410-695447/4	0.05	0.01734	10.0	1234157.0	0.346795	Y
3	IC 410-695447/5	0.2	0.059219	10.0	1256184.0	0.296095	Y
4	IC 410-695447/6	0.5	0.169644	10.0	1256982.0	0.339289	Y
5	IC 410-695447/7	1.0	0.298975	10.0	1278199.0	0.298975	Y
6	ICISAV 410-695447/8	5.0	1.38403	10.0	1309596.0	0.276806	Y
7	IC 410-695447/9	10.0	2.80325	10.0	1331162.0	0.280325	Y
8	IC 410-695447/10	25.0	7.168965	10.0	1343477.0	0.286759	Y
9	IC 410-695447/11	50.0	13.947981	10.0	1416709.0	0.27896	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

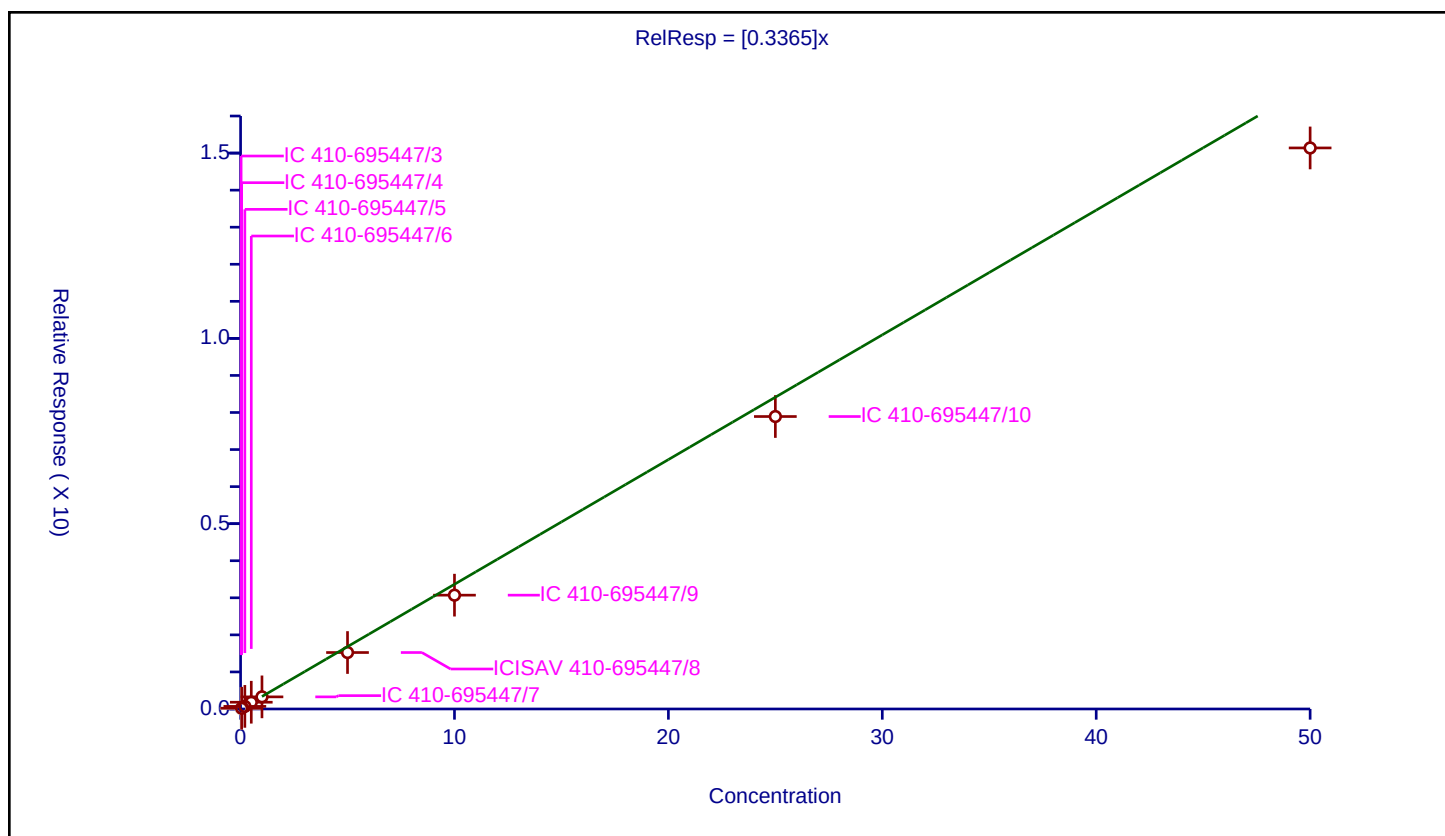
Curve Coefficients

Intercept: 0
Slope: 0.3365

Error Coefficients

Relative Standard Deviation: 11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.015041	10.0	1261911.0	0.601627	N
2	IC 410-695447/4	0.05	0.020816	10.0	1234157.0	0.416317	Y
3	IC 410-695447/5	0.2	0.070507	10.0	1256184.0	0.352536	Y
4	IC 410-695447/6	0.5	0.182692	10.0	1256982.0	0.365383	Y
5	IC 410-695447/7	1.0	0.327343	10.0	1278199.0	0.327343	Y
6	ICISAV 410-695447/8	5.0	1.523875	10.0	1309596.0	0.304775	Y
7	IC 410-695447/9	10.0	3.071294	10.0	1331162.0	0.307129	Y
8	IC 410-695447/10	25.0	7.891315	10.0	1343477.0	0.315653	Y
9	IC 410-695447/11	50.0	15.138345	10.0	1416709.0	0.302767	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

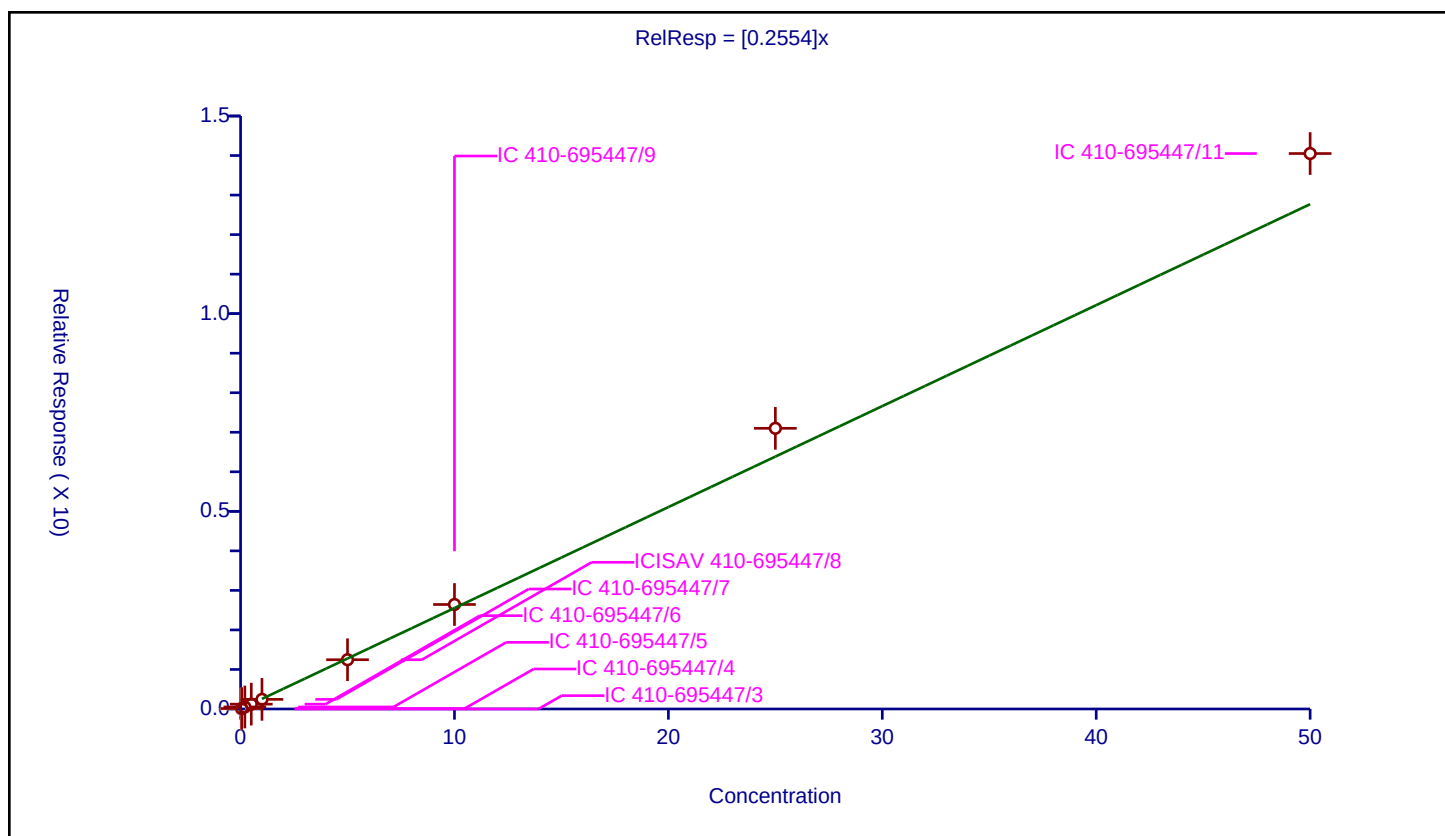
Curve Coefficients

Intercept: 0
Slope: 0.2554

Error Coefficients

Relative Standard Deviation: 8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.0	10.0	1261911.0	0.0	N
2	IC 410-695447/4	0.05	0.01106	10.0	1234157.0	0.221204	Y
3	IC 410-695447/5	0.2	0.050988	10.0	1256184.0	0.254939	Y
4	IC 410-695447/6	0.5	0.12246	10.0	1256982.0	0.24492	Y
5	IC 410-695447/7	1.0	0.243366	10.0	1278199.0	0.243366	Y
6	ICISAV 410-695447/8	5.0	1.246247	10.0	1309596.0	0.249249	Y
7	IC 410-695447/9	10.0	2.643209	10.0	1331162.0	0.264321	Y
8	IC 410-695447/10	25.0	7.100211	10.0	1343477.0	0.284008	Y
9	IC 410-695447/11	50.0	14.051079	10.0	1416709.0	0.281022	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

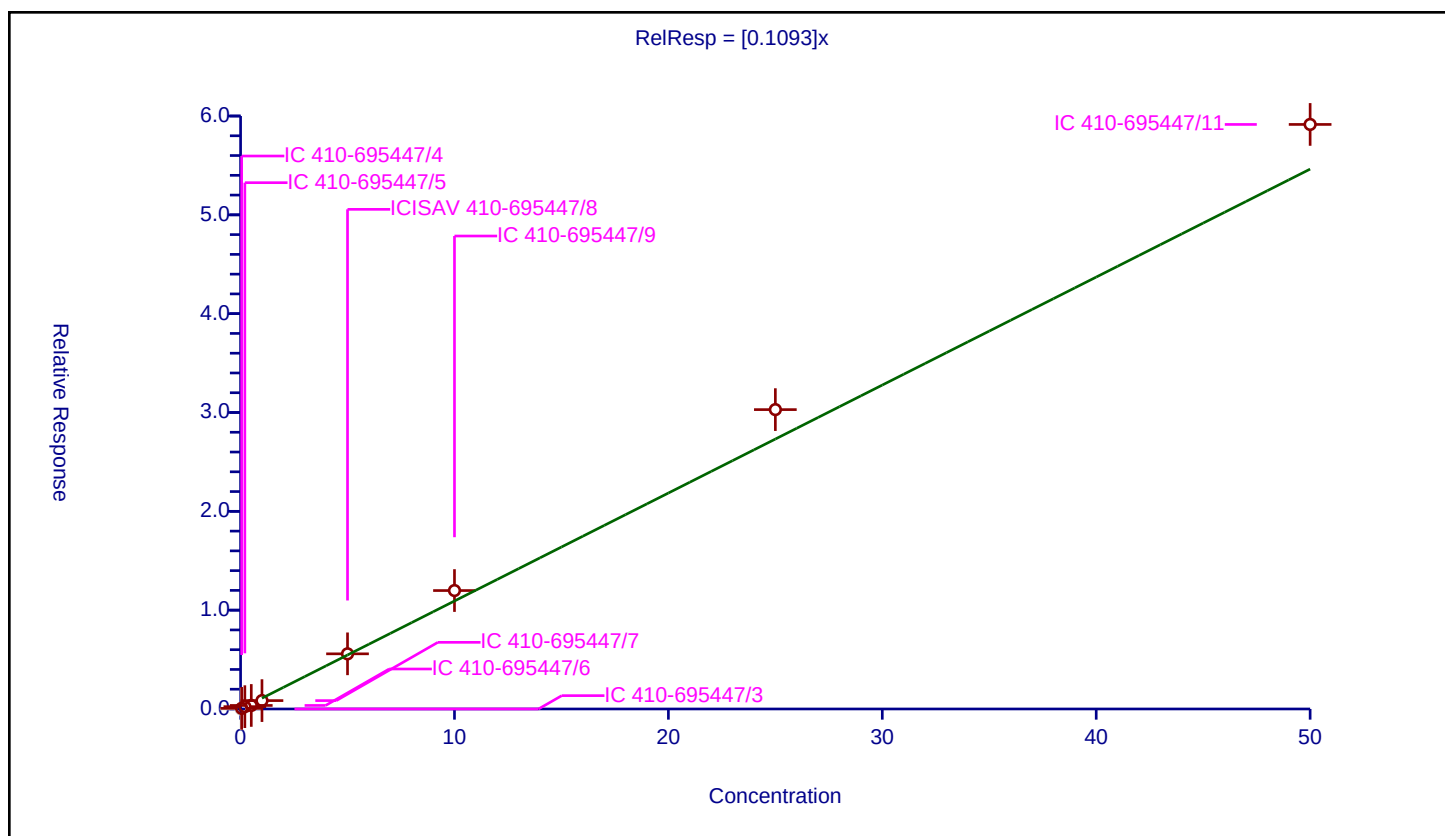
Curve Coefficients

Intercept: 0
Slope: 0.1093

Error Coefficients

Relative Standard Deviation: 18.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.0	10.0	1261911.0	0.0	N
2	IC 410-695447/4	0.05	0.006401	10.0	1234157.0	0.128023	Y
3	IC 410-695447/5	0.2	0.023683	10.0	1256184.0	0.118414	Y
4	IC 410-695447/6	0.5	0.035864	10.0	1256982.0	0.071727	Y
5	IC 410-695447/7	1.0	0.084979	10.0	1278199.0	0.084979	Y
6	ICISAV 410-695447/8	5.0	0.558042	10.0	1309596.0	0.111608	Y
7	IC 410-695447/9	10.0	1.198352	10.0	1331162.0	0.119835	Y
8	IC 410-695447/10	25.0	3.029088	10.0	1343477.0	0.121164	Y
9	IC 410-695447/11	50.0	5.914863	10.0	1416709.0	0.118297	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

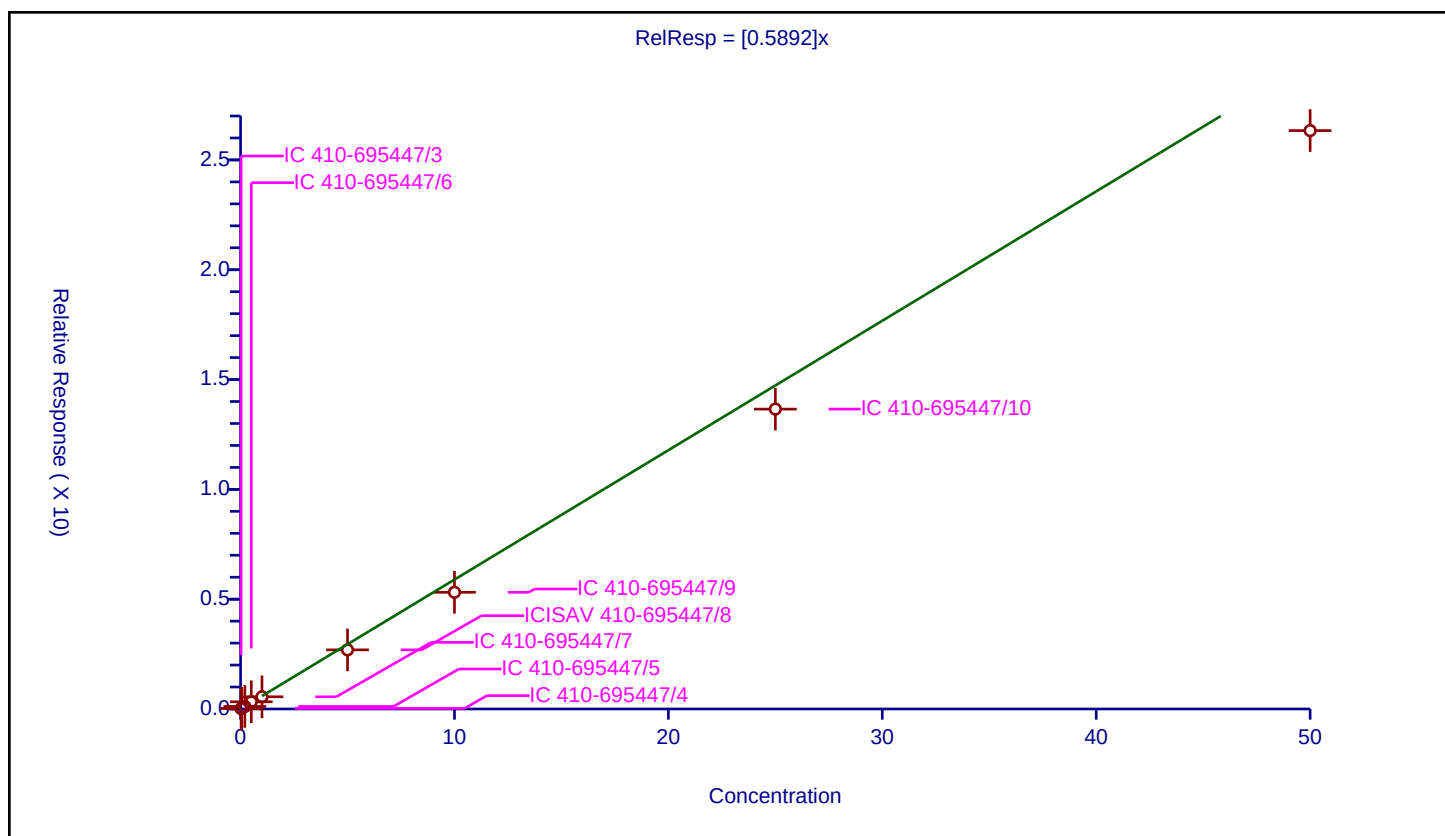
Curve Coefficients

Intercept: 0
Slope: 0.5892

Error Coefficients

Relative Standard Deviation: 14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.019589	10.0	1261911.0	0.783573	Y
2	IC 410-695447/4	0.05	0.029291	10.0	1234157.0	0.585825	Y
3	IC 410-695447/5	0.2	0.116177	10.0	1256184.0	0.580886	Y
4	IC 410-695447/6	0.5	0.327419	10.0	1256982.0	0.654838	Y
5	IC 410-695447/7	1.0	0.555062	10.0	1278199.0	0.555062	Y
6	ICISAV 410-695447/8	5.0	2.692304	10.0	1309596.0	0.538461	Y
7	IC 410-695447/9	10.0	5.313929	10.0	1331162.0	0.531393	Y
8	IC 410-695447/10	25.0	13.654763	10.0	1343477.0	0.546191	Y
9	IC 410-695447/11	50.0	26.335444	10.0	1416709.0	0.526709	Y



Calibration

/ cis-1,3-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

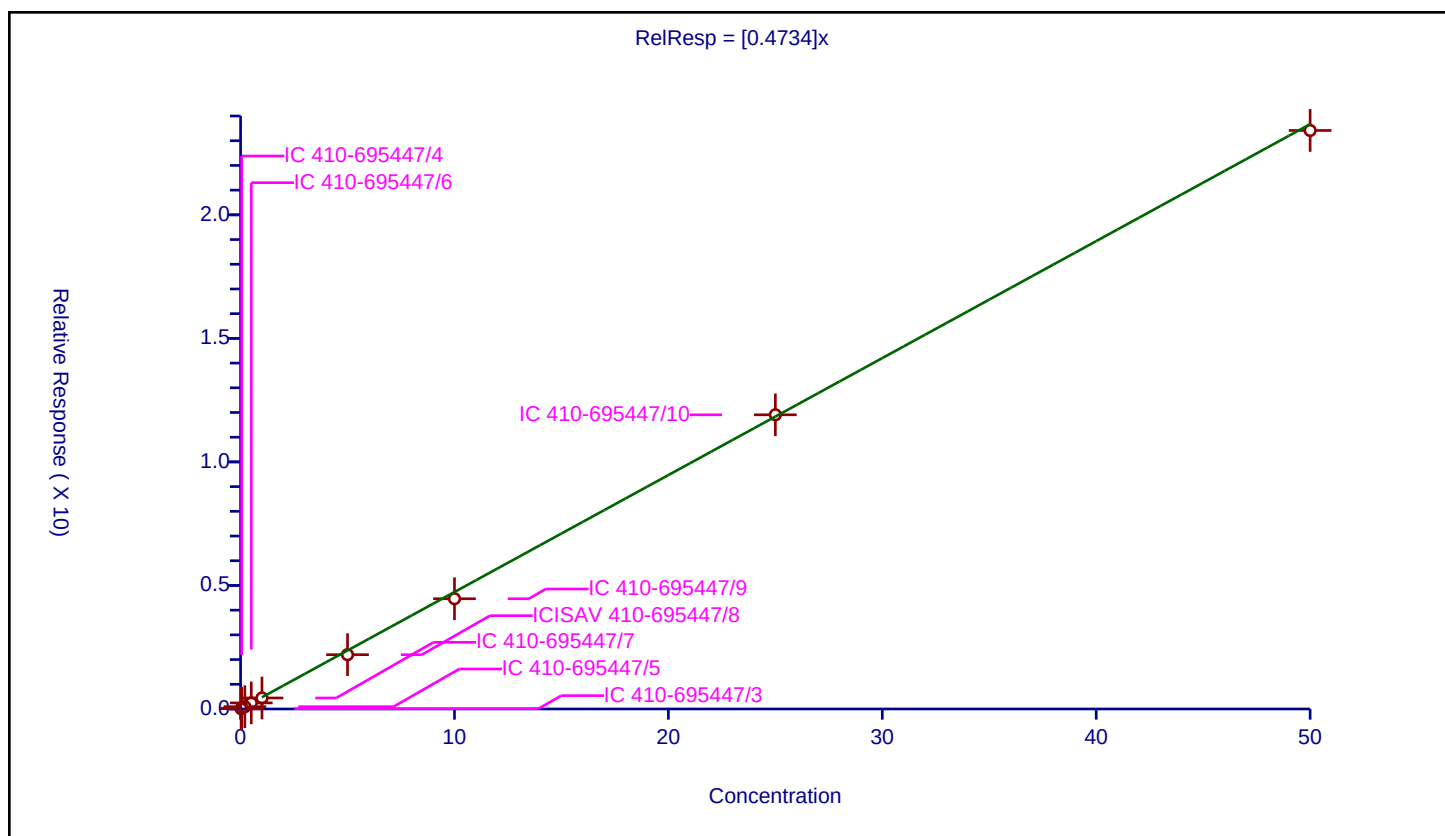
Curve Coefficients

Intercept: 0
Slope: 0.4734

Error Coefficients

Relative Standard Deviation: 7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.011776	10.0	1261911.0	0.471032	Y
2	IC 410-695447/4	0.05	0.027752	10.0	1234157.0	0.555035	Y
3	IC 410-695447/5	0.2	0.093211	10.0	1256184.0	0.466054	Y
4	IC 410-695447/6	0.5	0.246328	10.0	1256982.0	0.492656	Y
5	IC 410-695447/7	1.0	0.445408	10.0	1278199.0	0.445408	Y
6	ICISAV 410-695447/8	5.0	2.19764	10.0	1309596.0	0.439528	Y
7	IC 410-695447/9	10.0	4.46283	10.0	1331162.0	0.446283	Y
8	IC 410-695447/10	25.0	11.906925	10.0	1343477.0	0.476277	Y
9	IC 410-695447/11	50.0	23.414477	10.0	1416709.0	0.46829	Y



Calibration

/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

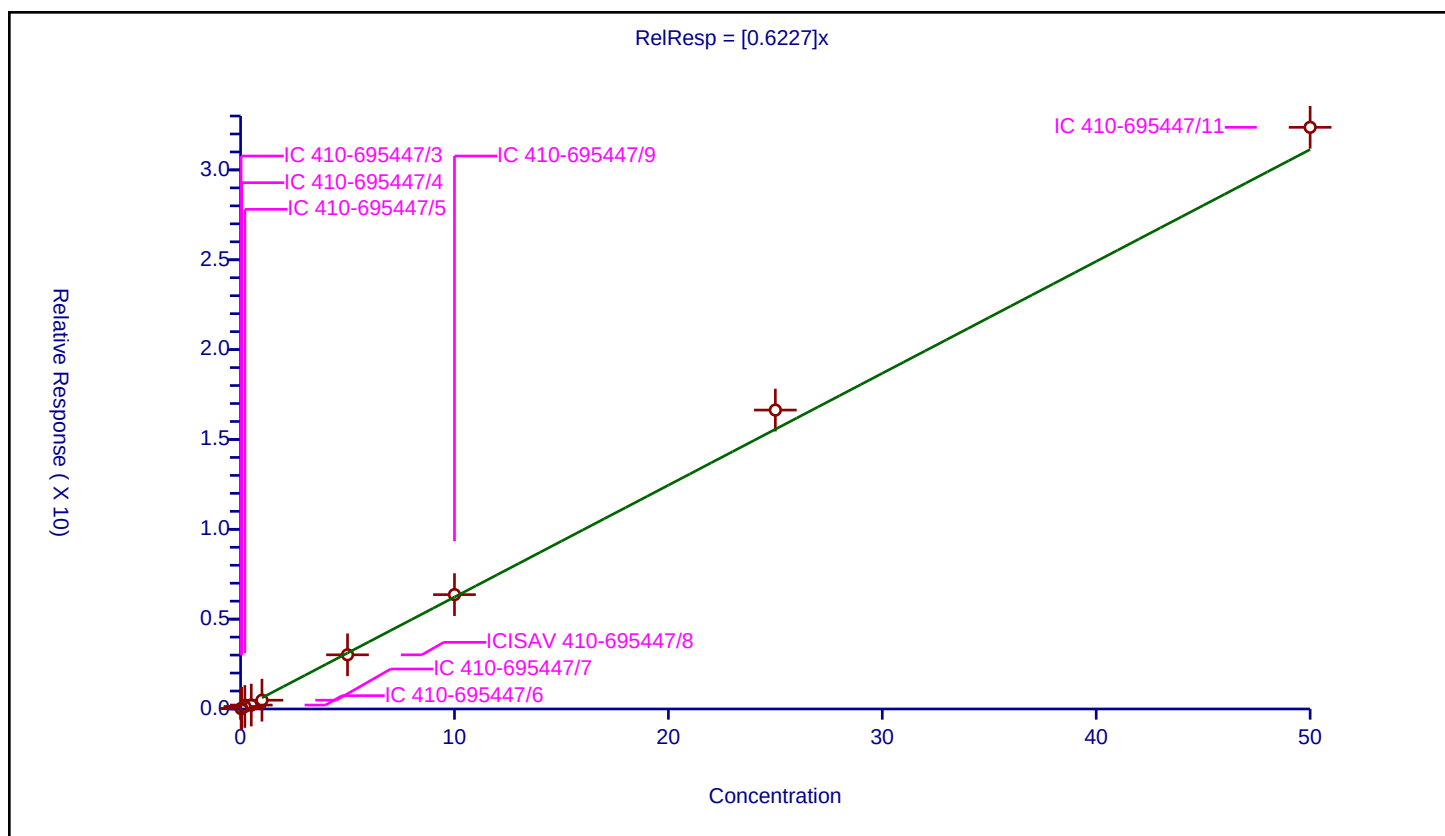
Curve Coefficients

Intercept: 0
 Slope: 0.6227

Error Coefficients

Relative Standard Deviation: 15.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.018163	10.0	1261911.0	0.726517	Y
2	IC 410-695447/4	0.05	0.035457	10.0	1234157.0	0.709148	Y
3	IC 410-695447/5	0.2	0.138077	10.0	1256184.0	0.690385	Y
4	IC 410-695447/6	0.5	0.21815	10.0	1256982.0	0.436299	Y
5	IC 410-695447/7	1.0	0.489712	10.0	1278199.0	0.489712	Y
6	ICISAV 410-695447/8	5.0	3.01535	10.0	1309596.0	0.60307	Y
7	IC 410-695447/9	10.0	6.364342	10.0	1331162.0	0.636434	Y
8	IC 410-695447/10	25.0	16.635945	10.0	1343477.0	0.665438	Y
9	IC 410-695447/11	50.0	32.370762	10.0	1416709.0	0.647415	Y



Calibration

/ Toluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

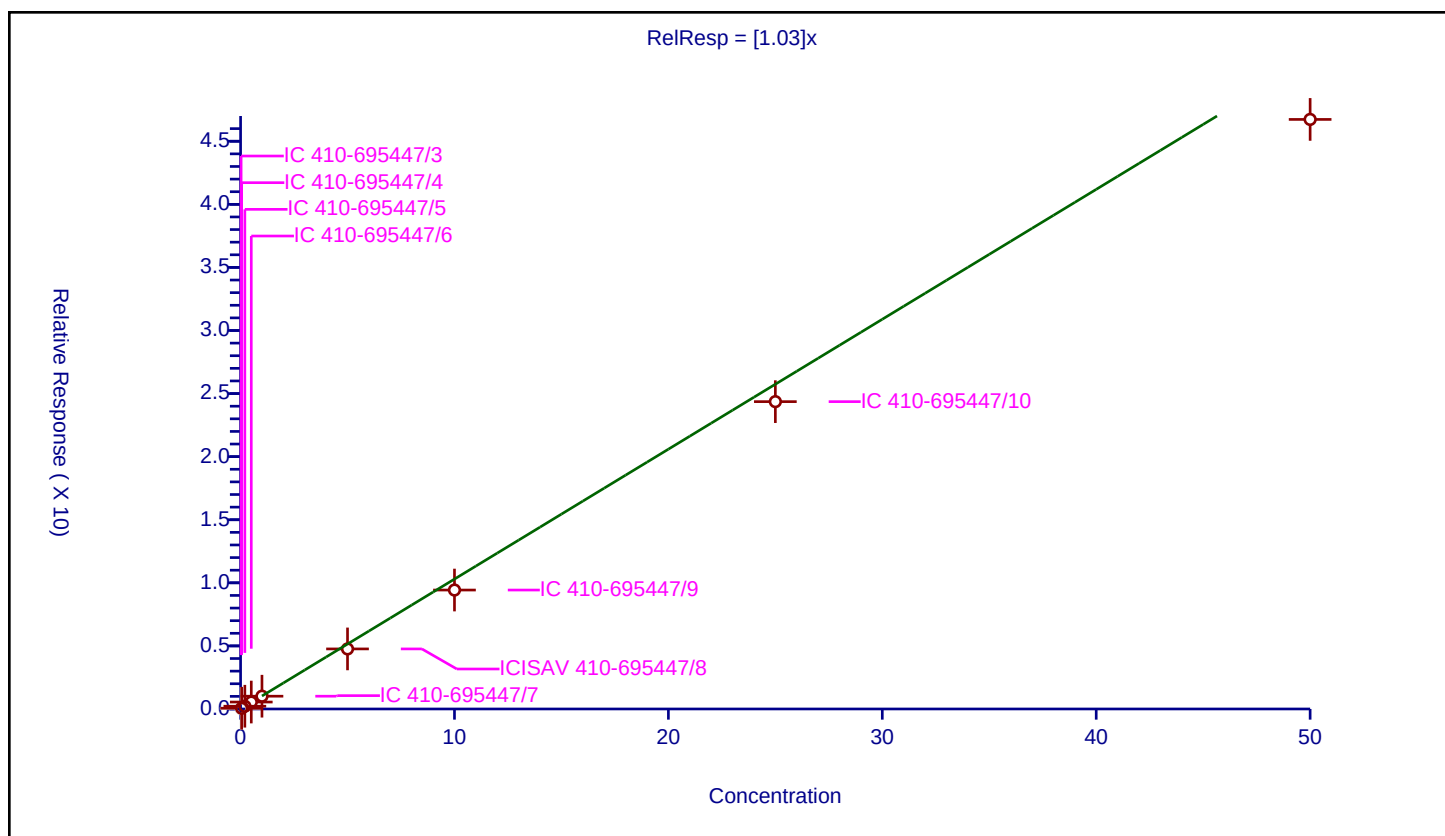
Curve Coefficients

Intercept: 0
Slope: 1.03

Error Coefficients

Relative Standard Deviation: 9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.042823	10.0	1185119.0	1.712908	N
2	IC 410-695447/4	0.05	0.060894	10.0	1174502.0	1.217878	Y
3	IC 410-695447/5	0.2	0.219743	10.0	1173053.0	1.098714	Y
4	IC 410-695447/6	0.5	0.551054	10.0	1173550.0	1.102109	Y
5	IC 410-695447/7	1.0	1.014515	10.0	1173211.0	1.014515	Y
6	ICISAV 410-695447/8	5.0	4.760012	10.0	1190995.0	0.952002	Y
7	IC 410-695447/9	10.0	9.428091	10.0	1212851.0	0.942809	Y
8	IC 410-695447/10	25.0	24.360723	10.0	1225987.0	0.974429	Y
9	IC 410-695447/11	50.0	46.730066	10.0	1281454.0	0.934601	Y



Calibration

/ trans-1,3-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

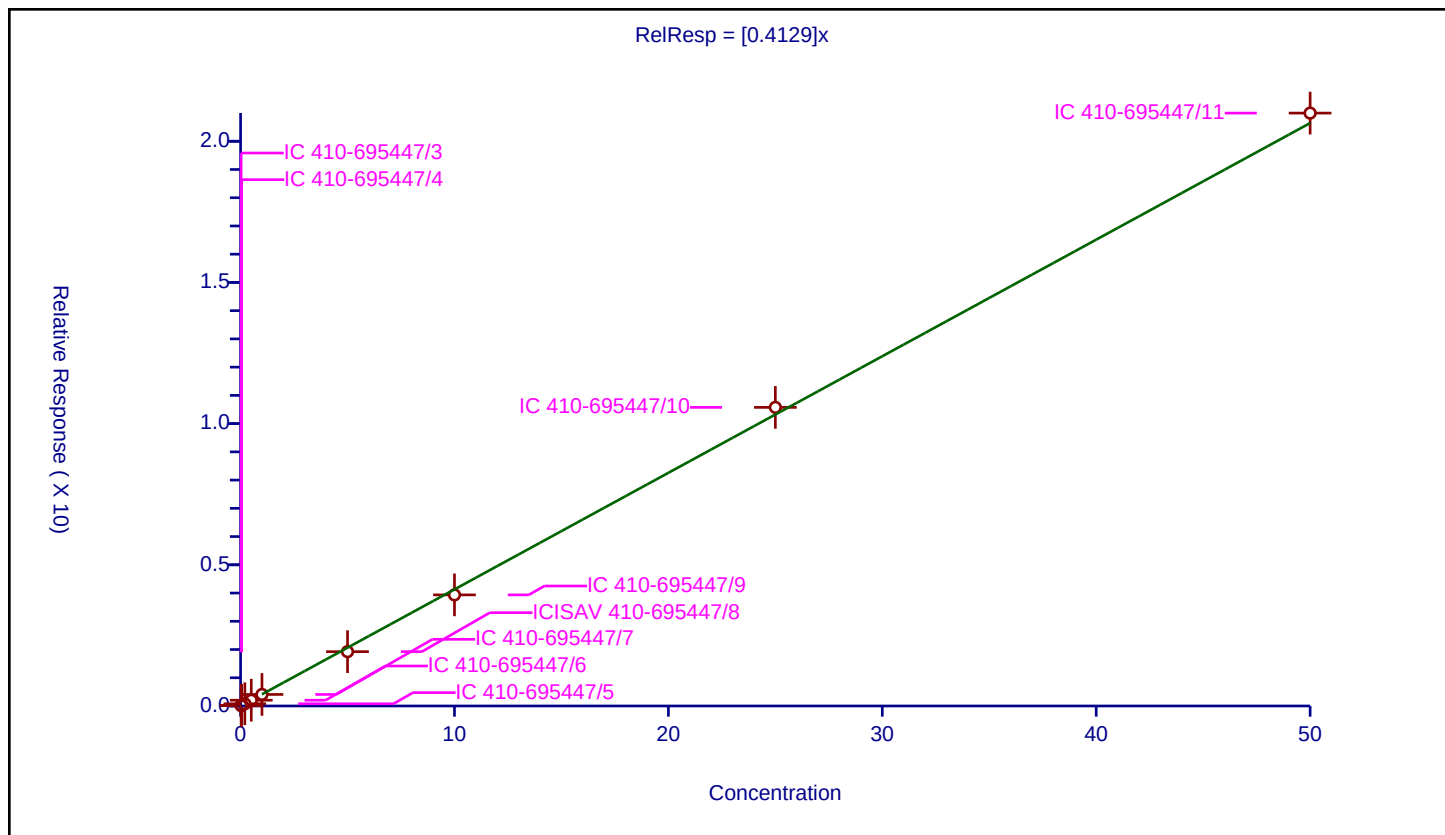
Curve Coefficients

Intercept: 0
Slope: 0.4129

Error Coefficients

Relative Standard Deviation: 5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.010826	10.0	1185119.0	0.433037	Y
2	IC 410-695447/4	0.05	0.022512	10.0	1174502.0	0.450233	Y
3	IC 410-695447/5	0.2	0.078931	10.0	1173053.0	0.394654	Y
4	IC 410-695447/6	0.5	0.204252	10.0	1173550.0	0.408504	Y
5	IC 410-695447/7	1.0	0.408187	10.0	1173211.0	0.408187	Y
6	ICISAV 410-695447/8	5.0	1.924265	10.0	1190995.0	0.384853	Y
7	IC 410-695447/9	10.0	3.934539	10.0	1212851.0	0.393454	Y
8	IC 410-695447/10	25.0	10.57468	10.0	1225987.0	0.422987	Y
9	IC 410-695447/11	50.0	20.997328	10.0	1281454.0	0.419947	Y



Calibration

/ 1,1,2-Trichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

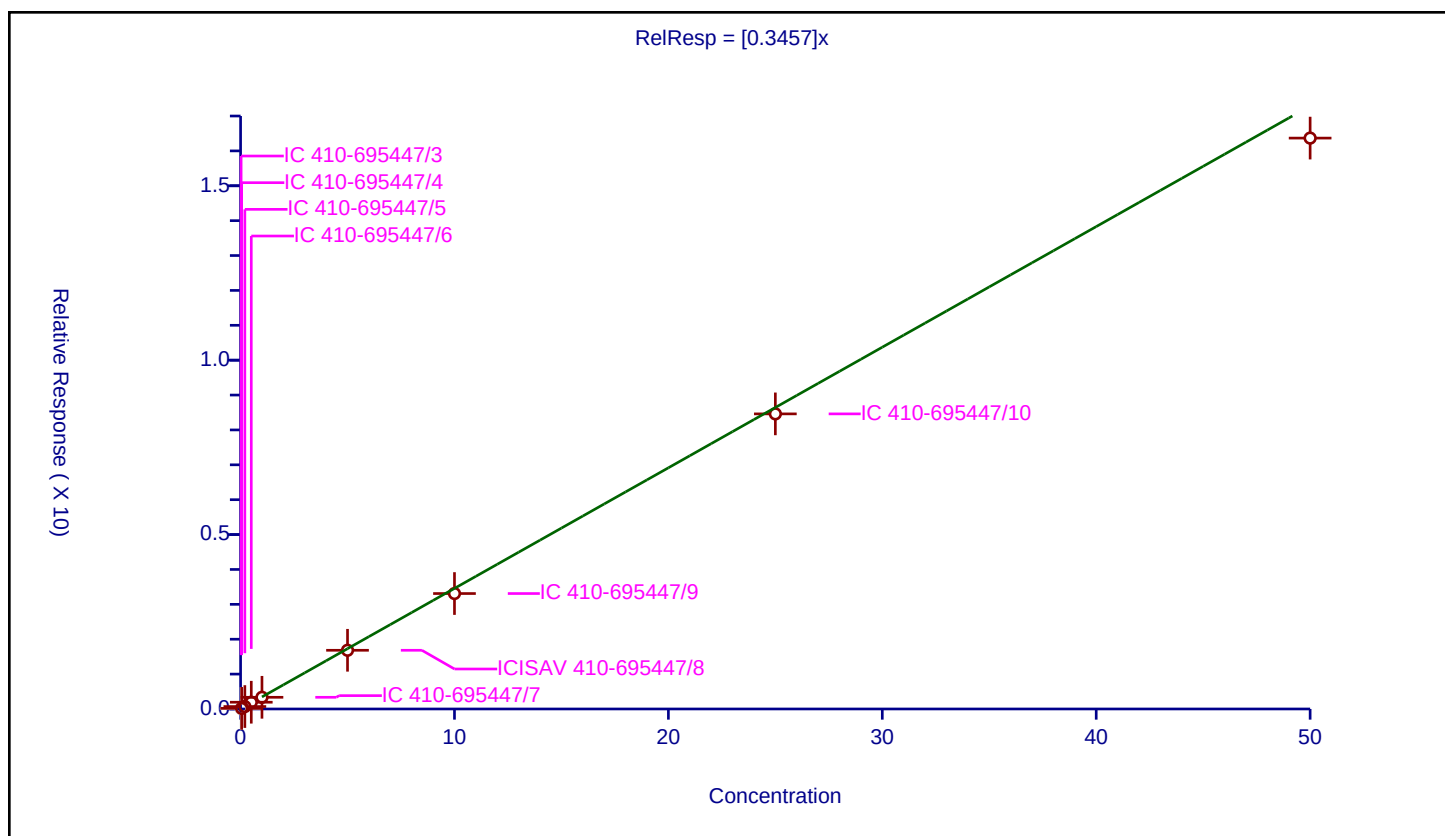
Curve Coefficients

Intercept: 0
Slope: 0.3457

Error Coefficients

Relative Standard Deviation: 5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.014024	10.0	1185119.0	0.560956	N
2	IC 410-695447/4	0.05	0.018033	10.0	1174502.0	0.360663	Y
3	IC 410-695447/5	0.2	0.069775	10.0	1173053.0	0.348876	Y
4	IC 410-695447/6	0.5	0.193848	10.0	1173550.0	0.387695	Y
5	IC 410-695447/7	1.0	0.335217	10.0	1173211.0	0.335217	Y
6	ICISAV 410-695447/8	5.0	1.683315	10.0	1190995.0	0.336663	Y
7	IC 410-695447/9	10.0	3.310159	10.0	1212851.0	0.331016	Y
8	IC 410-695447/10	25.0	8.46071	10.0	1225987.0	0.338428	Y
9	IC 410-695447/11	50.0	16.367142	10.0	1281454.0	0.327343	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

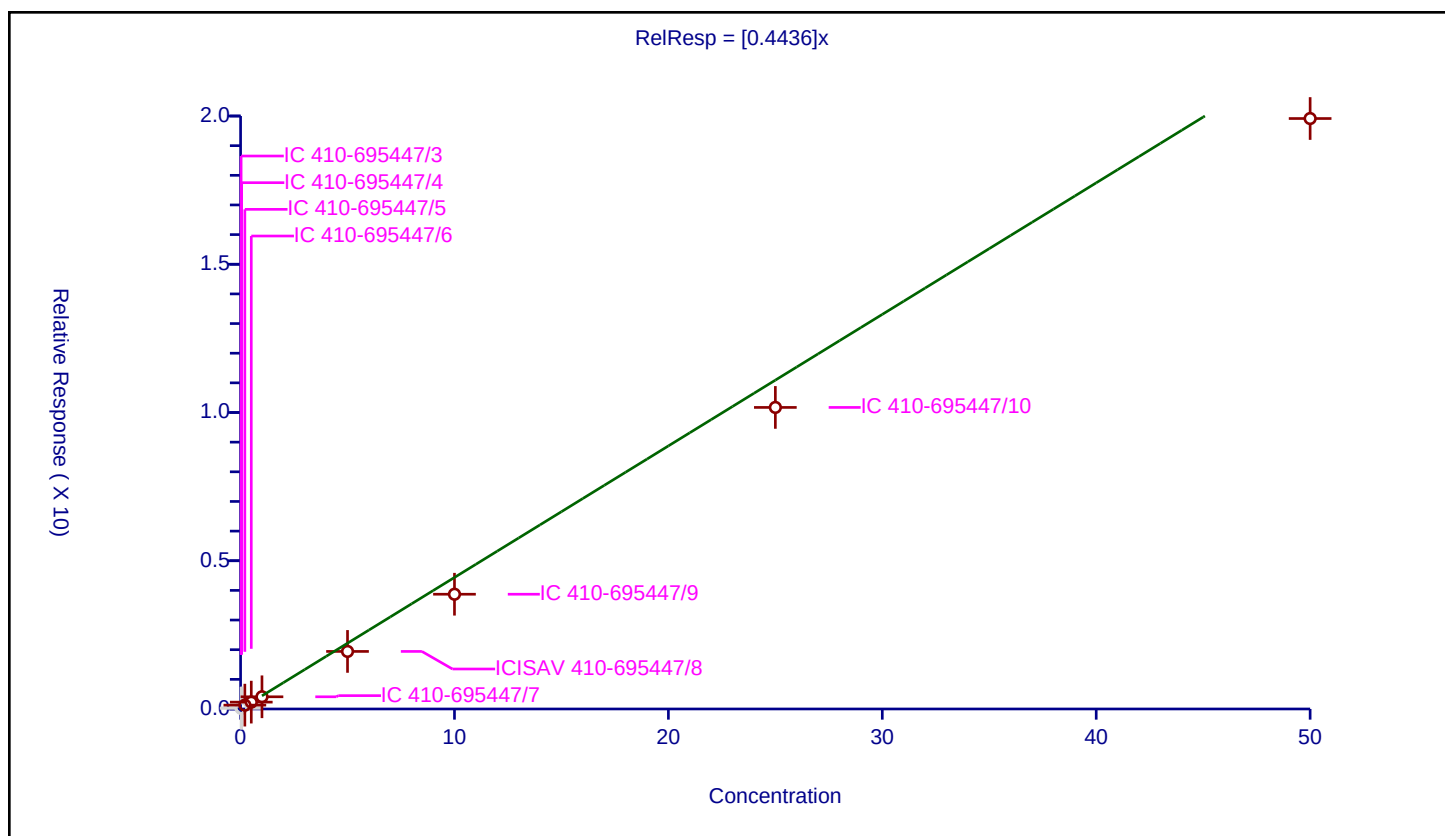
Curve Coefficients

Intercept: 0
Slope: 0.4436

Error Coefficients

Relative Standard Deviation: 21.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.023171	10.0	1185119.0	0.926827	N
2	IC 410-695447/4	0.05	0.036901	10.0	1174502.0	0.738015	N
3	IC 410-695447/5	0.2	0.130173	10.0	1173053.0	0.650866	Y
4	IC 410-695447/6	0.5	0.231486	10.0	1173550.0	0.462971	Y
5	IC 410-695447/7	1.0	0.411273	10.0	1173211.0	0.411273	Y
6	ICISAV 410-695447/8	5.0	1.940965	10.0	1190995.0	0.388193	Y
7	IC 410-695447/9	10.0	3.870401	10.0	1212851.0	0.38704	Y
8	IC 410-695447/10	25.0	10.170875	10.0	1225987.0	0.406835	Y
9	IC 410-695447/11	50.0	19.915167	10.0	1281454.0	0.398303	Y



Calibration

/ 2-Hexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

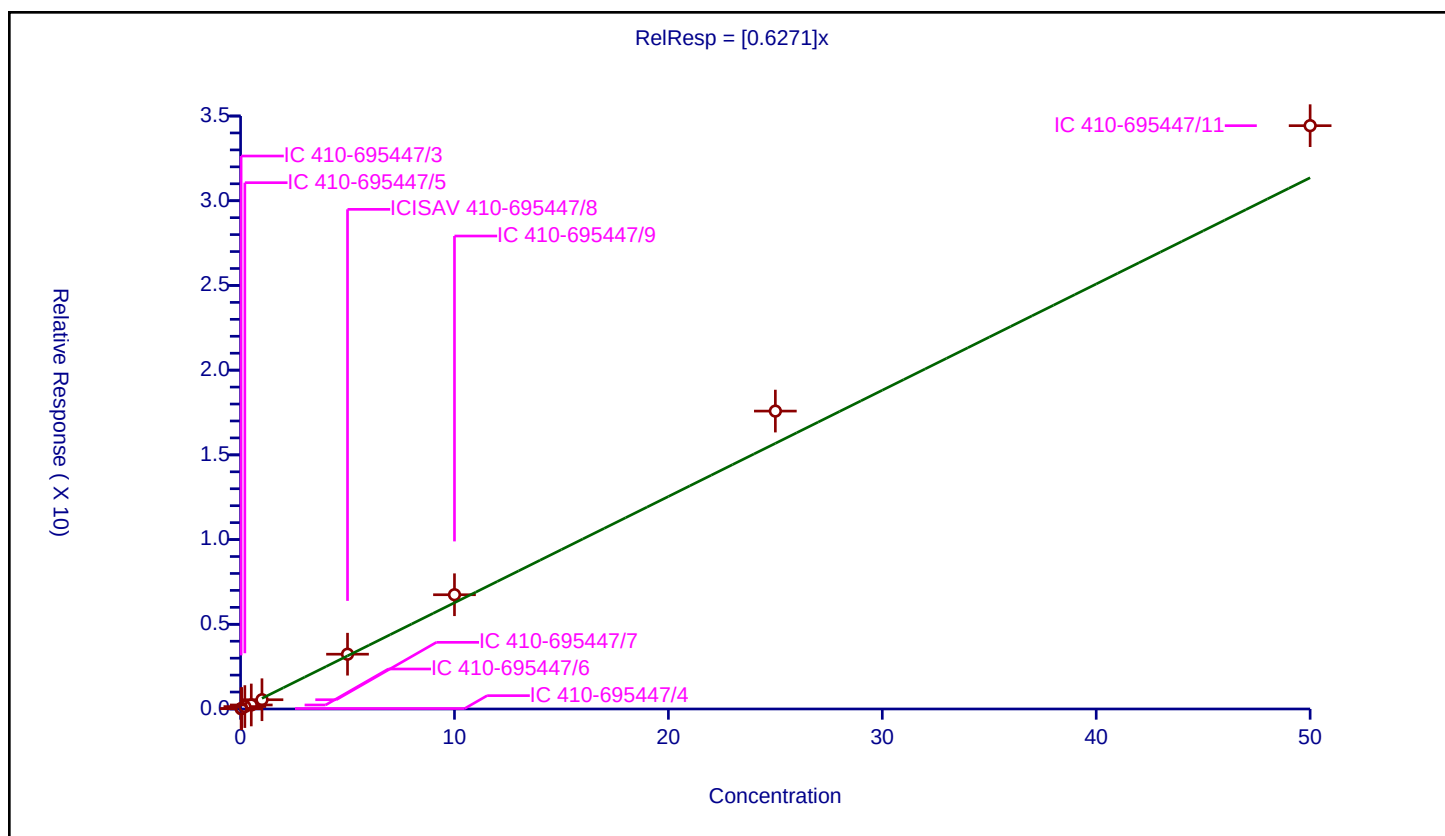
Curve Coefficients

Intercept: 0
Slope: 0.6271

Error Coefficients

Relative Standard Deviation: 13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.016209	10.0	1185119.0	0.648374	Y
2	IC 410-695447/4	0.05	0.027688	10.0	1174502.0	0.553767	Y
3	IC 410-695447/5	0.2	0.141963	10.0	1173053.0	0.709814	Y
4	IC 410-695447/6	0.5	0.236343	10.0	1173550.0	0.472685	Y
5	IC 410-695447/7	1.0	0.546534	10.0	1173211.0	0.546534	Y
6	ICISAV 410-695447/8	5.0	3.233616	10.0	1190995.0	0.646723	Y
7	IC 410-695447/9	10.0	6.744044	10.0	1212851.0	0.674404	Y
8	IC 410-695447/10	25.0	17.583653	10.0	1225987.0	0.703346	Y
9	IC 410-695447/11	50.0	34.430374	10.0	1281454.0	0.688607	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

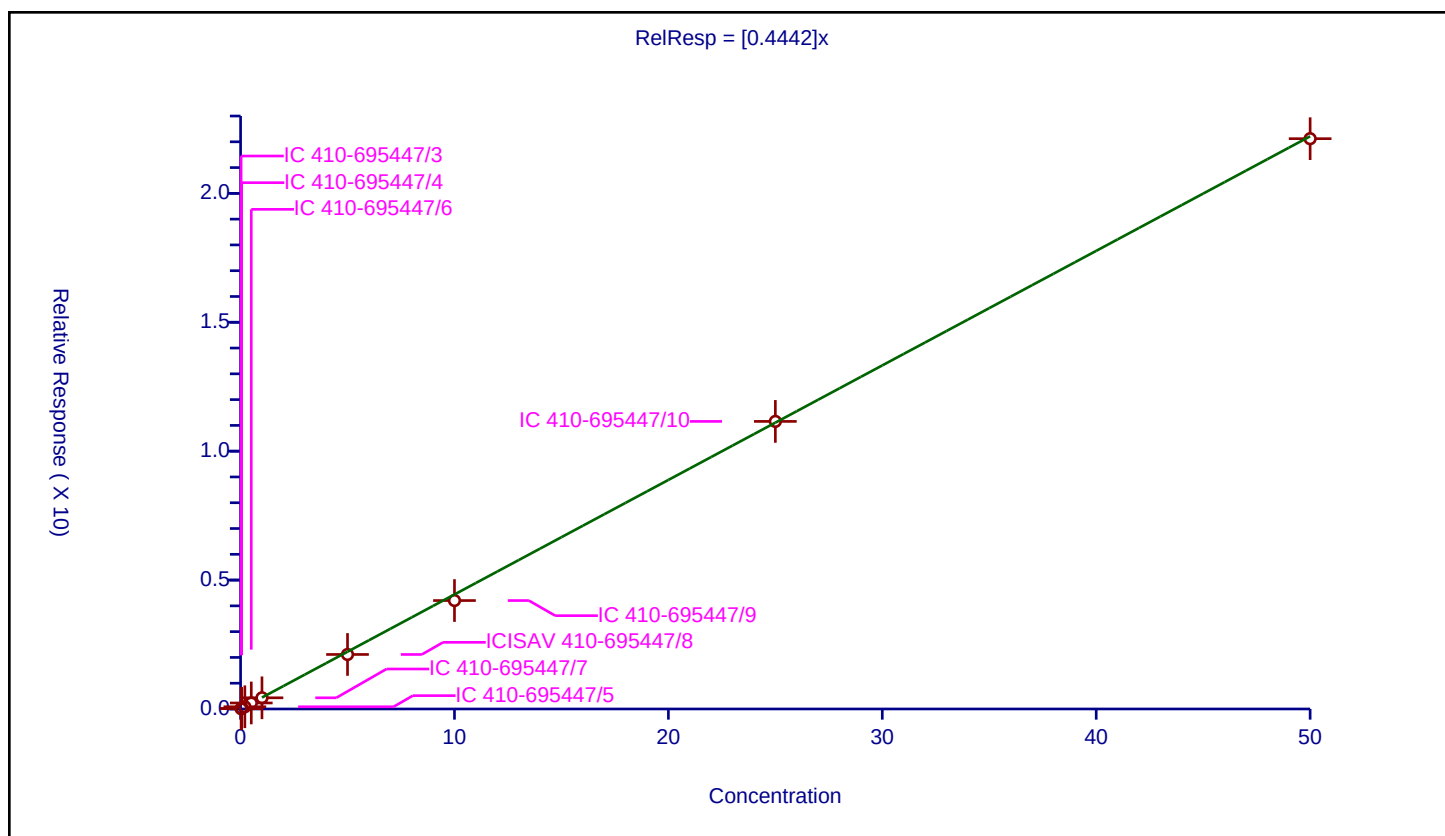
Curve Coefficients

Intercept: 0
Slope: 0.4442

Error Coefficients

Relative Standard Deviation: 4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.012092	10.0	1185119.0	0.483665	Y
2	IC 410-695447/4	0.05	0.022375	10.0	1174502.0	0.447509	Y
3	IC 410-695447/5	0.2	0.086654	10.0	1173053.0	0.433271	Y
4	IC 410-695447/6	0.5	0.233633	10.0	1173550.0	0.467266	Y
5	IC 410-695447/7	1.0	0.434363	10.0	1173211.0	0.434363	Y
6	ICISAV 410-695447/8	5.0	2.114173	10.0	1190995.0	0.422835	Y
7	IC 410-695447/9	10.0	4.206593	10.0	1212851.0	0.420659	Y
8	IC 410-695447/10	25.0	11.154971	10.0	1225987.0	0.446199	Y
9	IC 410-695447/11	50.0	22.120521	10.0	1281454.0	0.44241	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

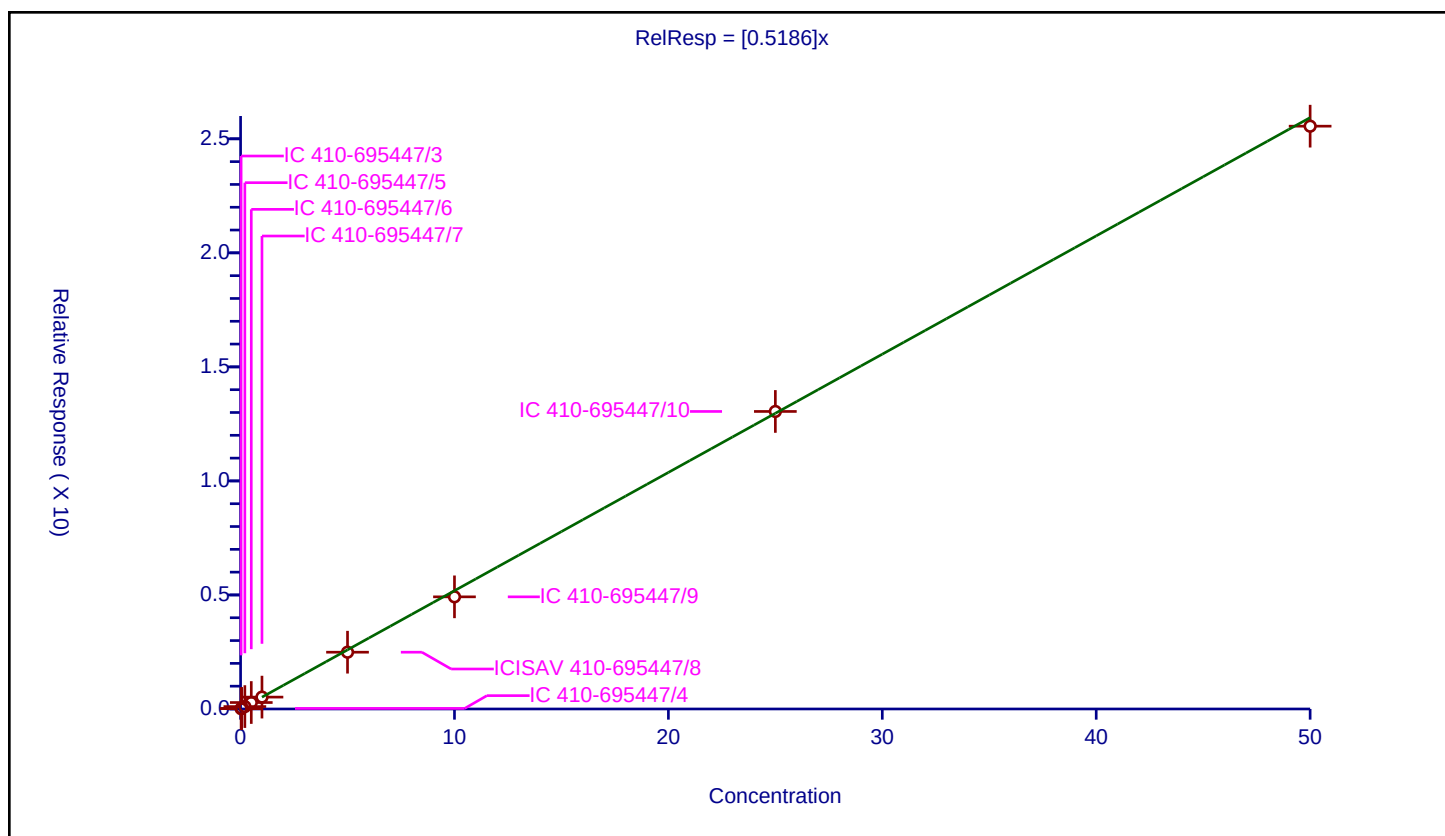
Curve Coefficients

Intercept: 0
 Slope: 0.5186

Error Coefficients

Relative Standard Deviation: 4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.013003	10.0	1185119.0	0.520117	Y
2	IC 410-695447/4	0.05	0.025441	10.0	1174502.0	0.508811	Y
3	IC 410-695447/5	0.2	0.105358	10.0	1173053.0	0.526788	Y
4	IC 410-695447/6	0.5	0.283908	10.0	1173550.0	0.567816	Y
5	IC 410-695447/7	1.0	0.521236	10.0	1173211.0	0.521236	Y
6	ICISAV 410-695447/8	5.0	2.489885	10.0	1190995.0	0.497977	Y
7	IC 410-695447/9	10.0	4.917504	10.0	1212851.0	0.49175	Y
8	IC 410-695447/10	25.0	13.045326	10.0	1225987.0	0.521813	Y
9	IC 410-695447/11	50.0	25.554597	10.0	1281454.0	0.511092	Y



Calibration

/ Chlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

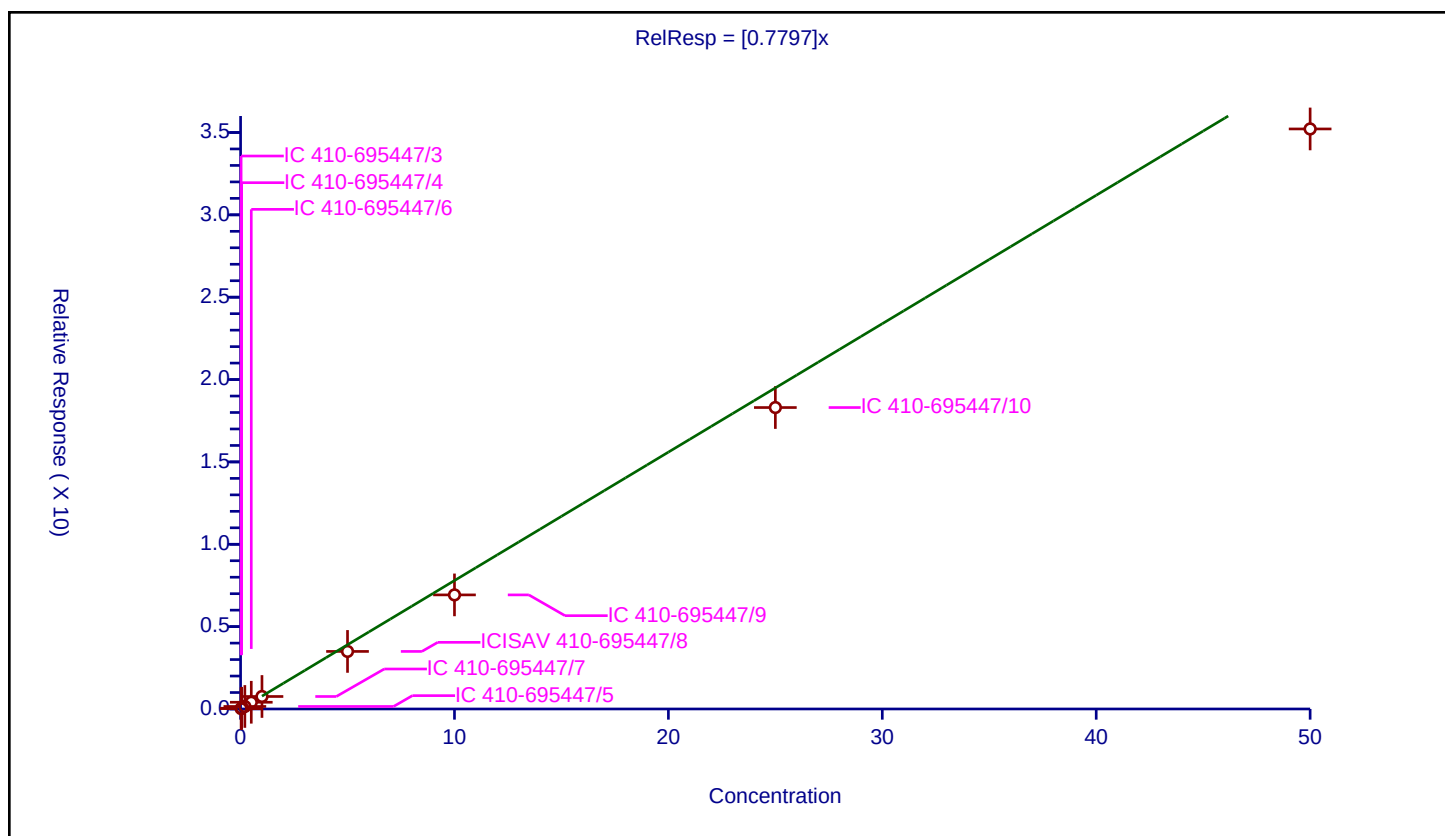
Curve Coefficients

Intercept: 0
 Slope: 0.7797

Error Coefficients

Relative Standard Deviation: 11.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.023542	10.0	1185119.0	0.941678	Y
2	IC 410-695447/4	0.05	0.045304	10.0	1174502.0	0.906086	Y
3	IC 410-695447/5	0.2	0.153173	10.0	1173053.0	0.765865	Y
4	IC 410-695447/6	0.5	0.40847	10.0	1173550.0	0.81694	Y
5	IC 410-695447/7	1.0	0.758866	10.0	1173211.0	0.758866	Y
6	ICISAV 410-695447/8	5.0	3.494624	10.0	1190995.0	0.698925	Y
7	IC 410-695447/9	10.0	6.926391	10.0	1212851.0	0.692639	Y
8	IC 410-695447/10	25.0	18.300936	10.0	1225987.0	0.732037	Y
9	IC 410-695447/11	50.0	35.214054	10.0	1281454.0	0.704281	Y



Calibration

/ Ethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

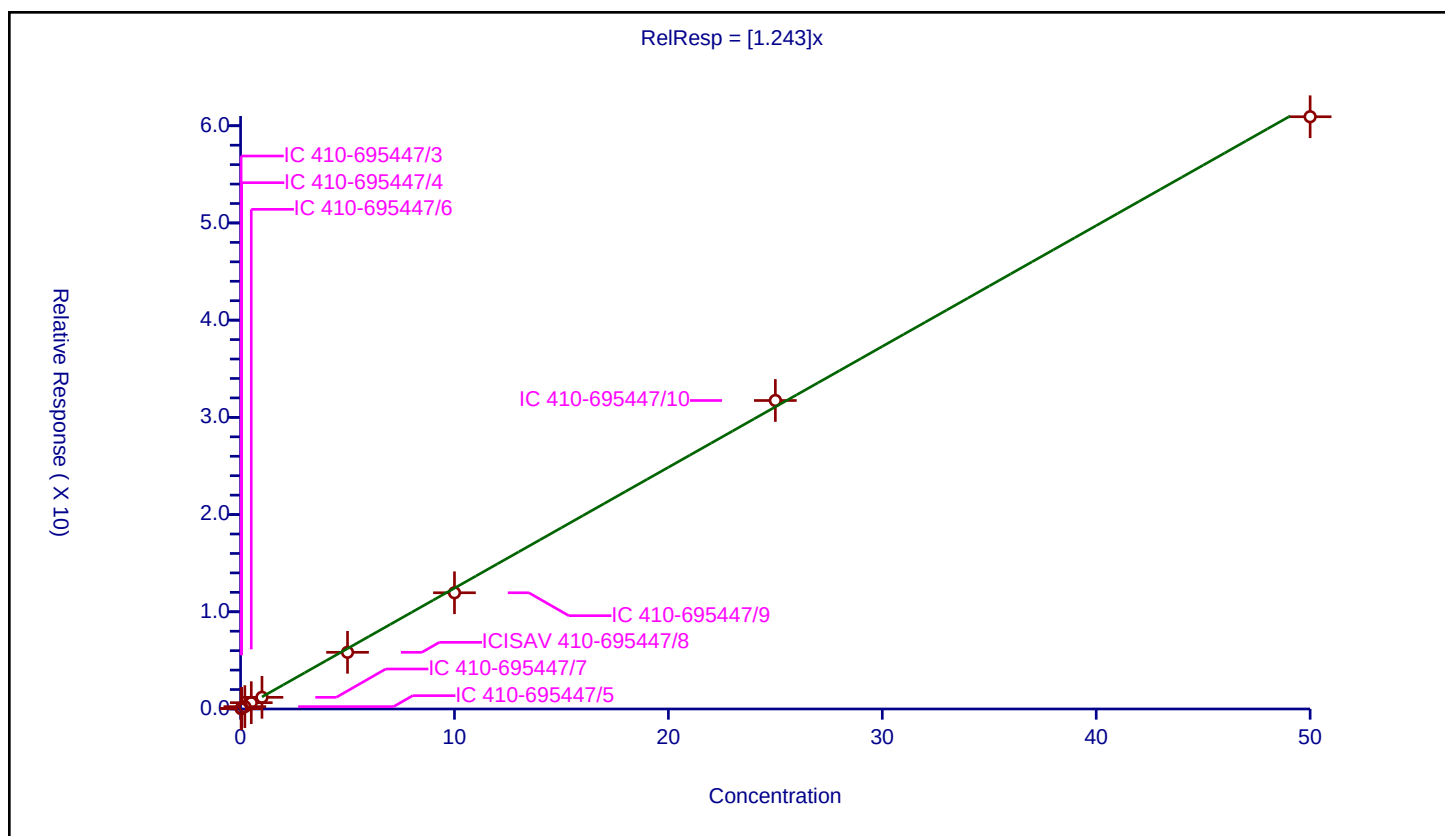
Curve Coefficients

Intercept: 0
Slope: 1.243

Error Coefficients

Relative Standard Deviation: 5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.034165	10.0	1185119.0	1.366614	Y
2	IC 410-695447/4	0.05	0.063261	10.0	1174502.0	1.265217	Y
3	IC 410-695447/5	0.2	0.242538	10.0	1173053.0	1.21269	Y
4	IC 410-695447/6	0.5	0.647386	10.0	1173550.0	1.294772	Y
5	IC 410-695447/7	1.0	1.19952	10.0	1173211.0	1.19952	Y
6	ICISAV 410-695447/8	5.0	5.829831	10.0	1190995.0	1.165966	Y
7	IC 410-695447/9	10.0	11.956943	10.0	1212851.0	1.195694	Y
8	IC 410-695447/10	25.0	31.736054	10.0	1225987.0	1.269442	Y
9	IC 410-695447/11	50.0	60.925043	10.0	1281454.0	1.218501	Y



Calibration

/ m-Xylene & p-Xylene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

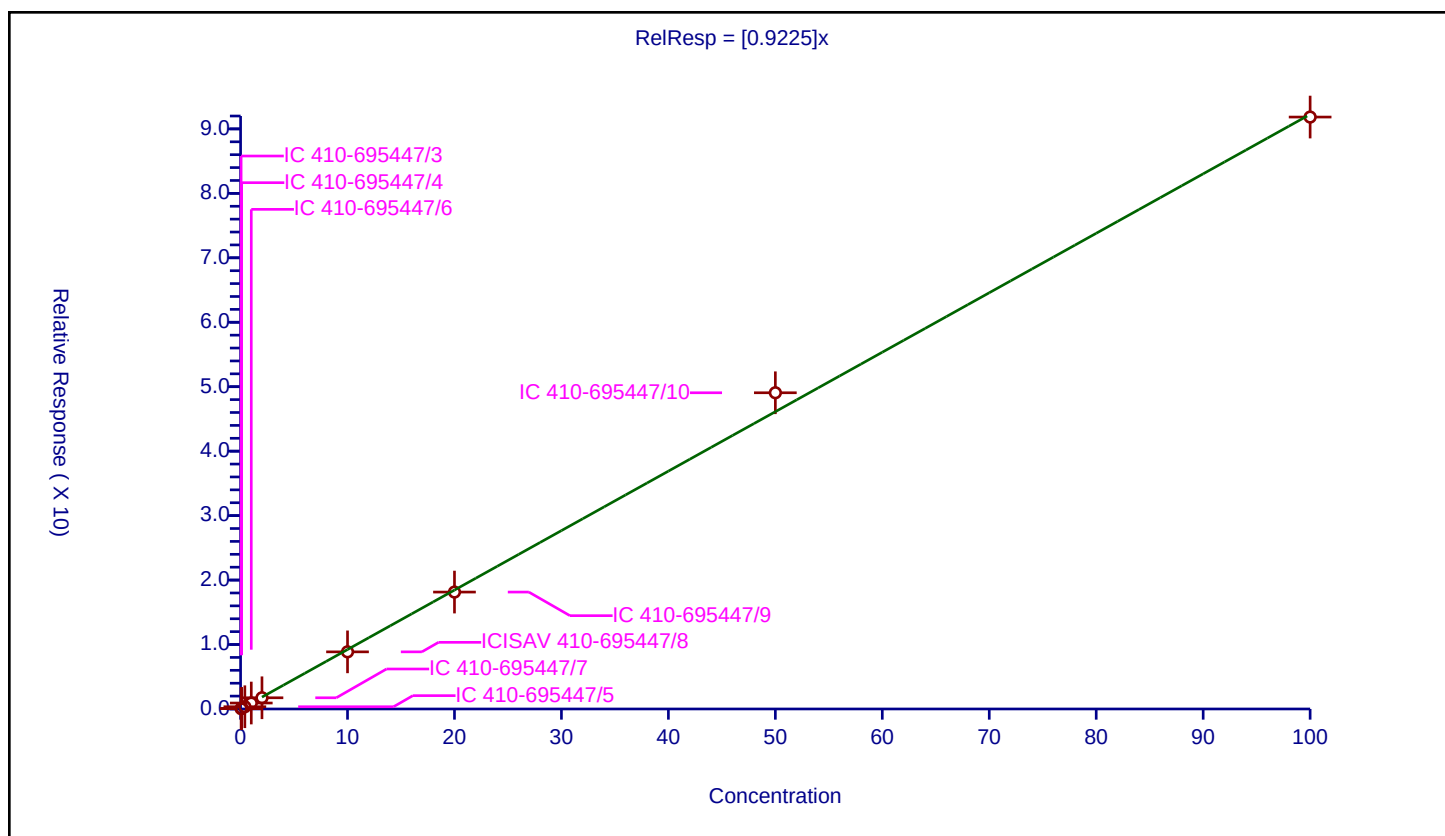
Curve Coefficients

Intercept: 0
Slope: 0.9225

Error Coefficients

Relative Standard Deviation: 5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.05	0.050122	10.0	1185119.0	1.002431	Y
2	IC 410-695447/4	0.1	0.093836	10.0	1174502.0	0.938355	Y
3	IC 410-695447/5	0.4	0.34995	10.0	1173053.0	0.874875	Y
4	IC 410-695447/6	1.0	0.924895	10.0	1173550.0	0.924895	Y
5	IC 410-695447/7	2.0	1.738784	10.0	1173211.0	0.869392	Y
6	ICISAV 410-695447/8	10.0	8.863287	10.0	1190995.0	0.886329	Y
7	IC 410-695447/9	20.0	18.13832	10.0	1212851.0	0.906916	Y
8	IC 410-695447/10	50.0	49.063163	10.0	1225987.0	0.981263	Y
9	IC 410-695447/11	100.0	91.838997	10.0	1281454.0	0.91839	Y



Calibration

/ o-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

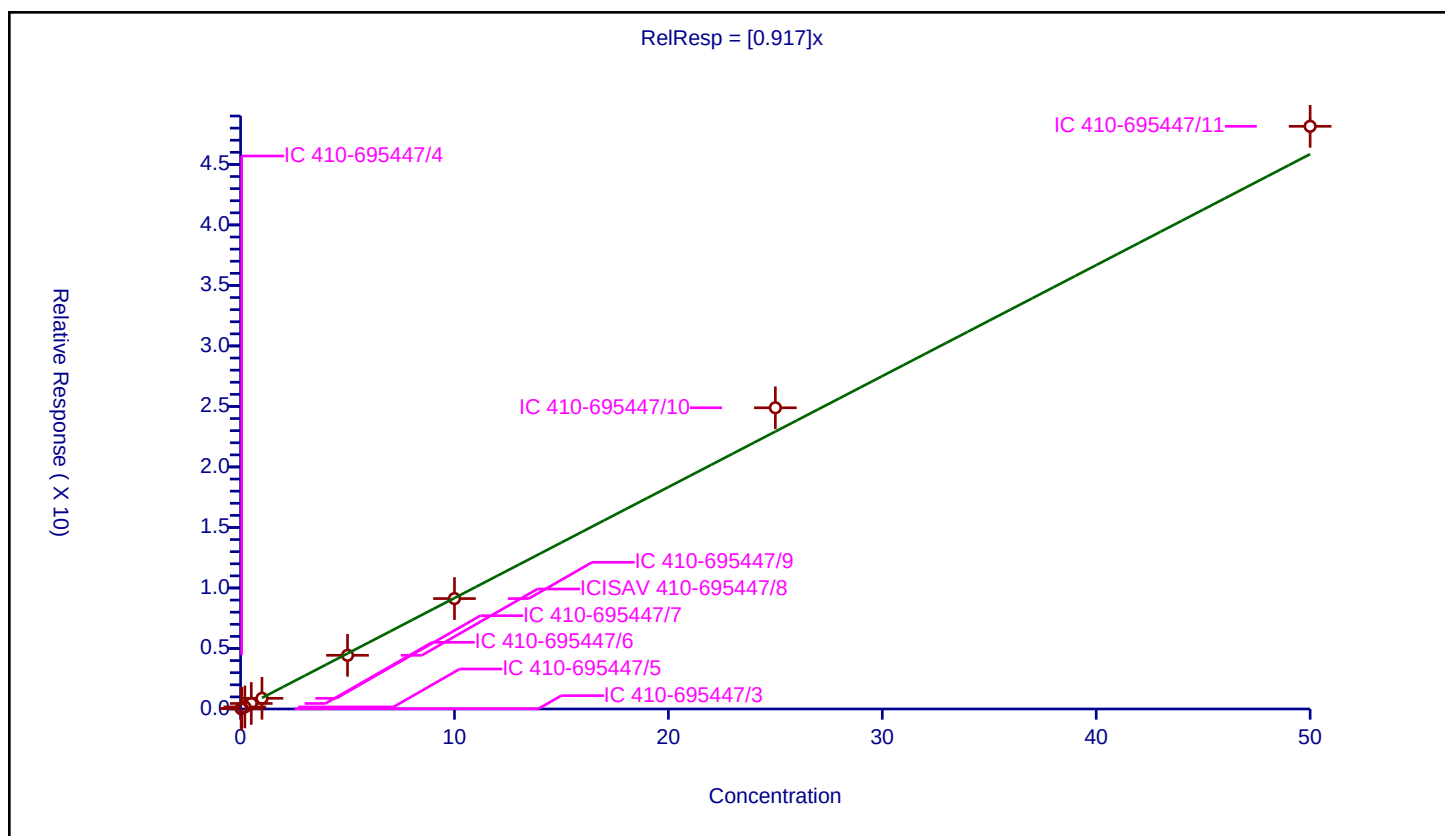
Curve Coefficients

Intercept: 0
 Slope: 0.917

Error Coefficients

Relative Standard Deviation: 4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.022631	10.0	1185119.0	0.905226	Y
2	IC 410-695447/4	0.05	0.046794	10.0	1174502.0	0.935886	Y
3	IC 410-695447/5	0.2	0.170998	10.0	1173053.0	0.854991	Y
4	IC 410-695447/6	0.5	0.458268	10.0	1173550.0	0.916535	Y
5	IC 410-695447/7	1.0	0.882015	10.0	1173211.0	0.882015	Y
6	ICISAV 410-695447/8	5.0	4.435795	10.0	1190995.0	0.887159	Y
7	IC 410-695447/9	10.0	9.124163	10.0	1212851.0	0.912416	Y
8	IC 410-695447/10	25.0	24.890362	10.0	1225987.0	0.995614	Y
9	IC 410-695447/11	50.0	48.149391	10.0	1281454.0	0.962988	Y



Calibration

/ Styrene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

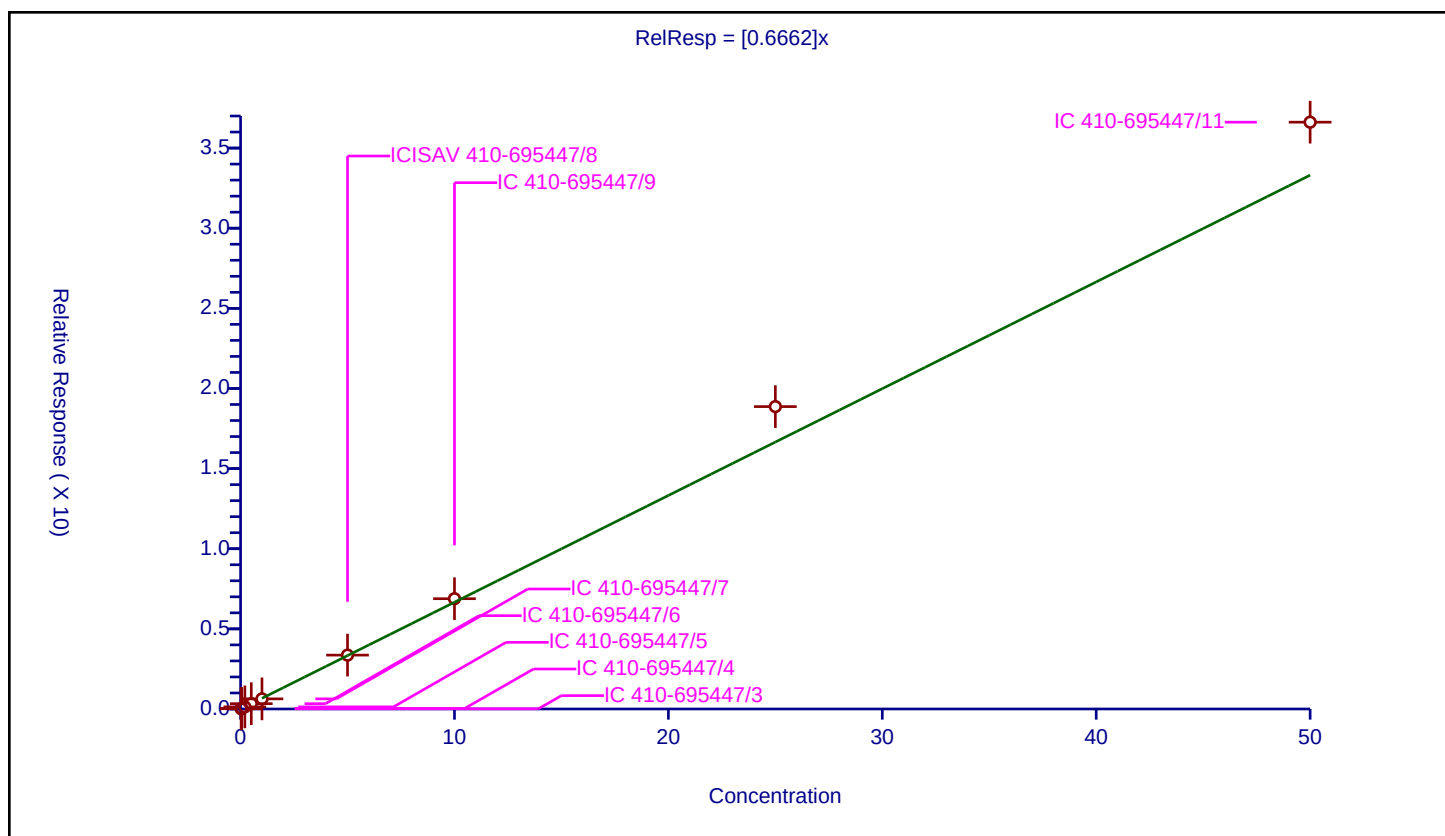
Curve Coefficients

Intercept: 0
Slope: 0.6662

Error Coefficients

Relative Standard Deviation: 9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.013695	10.0	1185119.0	0.547793	Y
2	IC 410-695447/4	0.05	0.031997	10.0	1174502.0	0.639931	Y
3	IC 410-695447/5	0.2	0.132935	10.0	1173053.0	0.664676	Y
4	IC 410-695447/6	0.5	0.331754	10.0	1173550.0	0.663508	Y
5	IC 410-695447/7	1.0	0.632214	10.0	1173211.0	0.632214	Y
6	ICISAV 410-695447/8	5.0	3.362029	10.0	1190995.0	0.672406	Y
7	IC 410-695447/9	10.0	6.881018	10.0	1212851.0	0.688102	Y
8	IC 410-695447/10	25.0	18.868047	10.0	1225987.0	0.754722	Y
9	IC 410-695447/11	50.0	36.614916	10.0	1281454.0	0.732298	Y



Calibration

/ Bromoform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

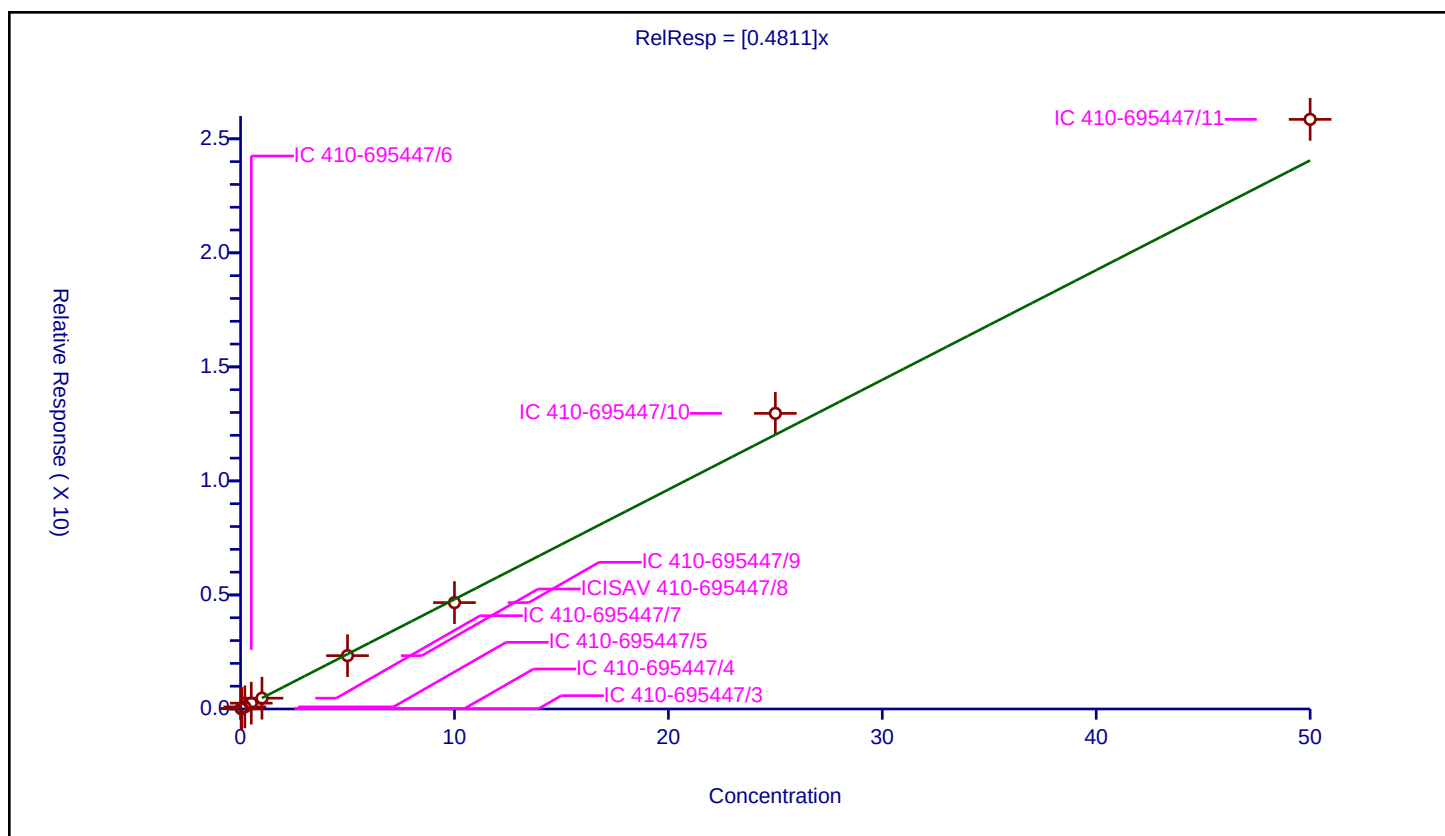
Curve Coefficients

Intercept: 0
Slope: 0.4811

Error Coefficients

Relative Standard Deviation: 5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.011644	10.0	1185119.0	0.465776	Y
2	IC 410-695447/4	0.05	0.022299	10.0	1174502.0	0.445976	Y
3	IC 410-695447/5	0.2	0.092502	10.0	1173053.0	0.462511	Y
4	IC 410-695447/6	0.5	0.255601	10.0	1173550.0	0.511201	Y
5	IC 410-695447/7	1.0	0.474424	10.0	1173211.0	0.474424	Y
6	ICISAV 410-695447/8	5.0	2.338582	10.0	1190995.0	0.467716	Y
7	IC 410-695447/9	10.0	4.665	10.0	1212851.0	0.4665	Y
8	IC 410-695447/10	25.0	12.962022	10.0	1225987.0	0.518481	Y
9	IC 410-695447/11	50.0	25.85293	10.0	1281454.0	0.517059	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

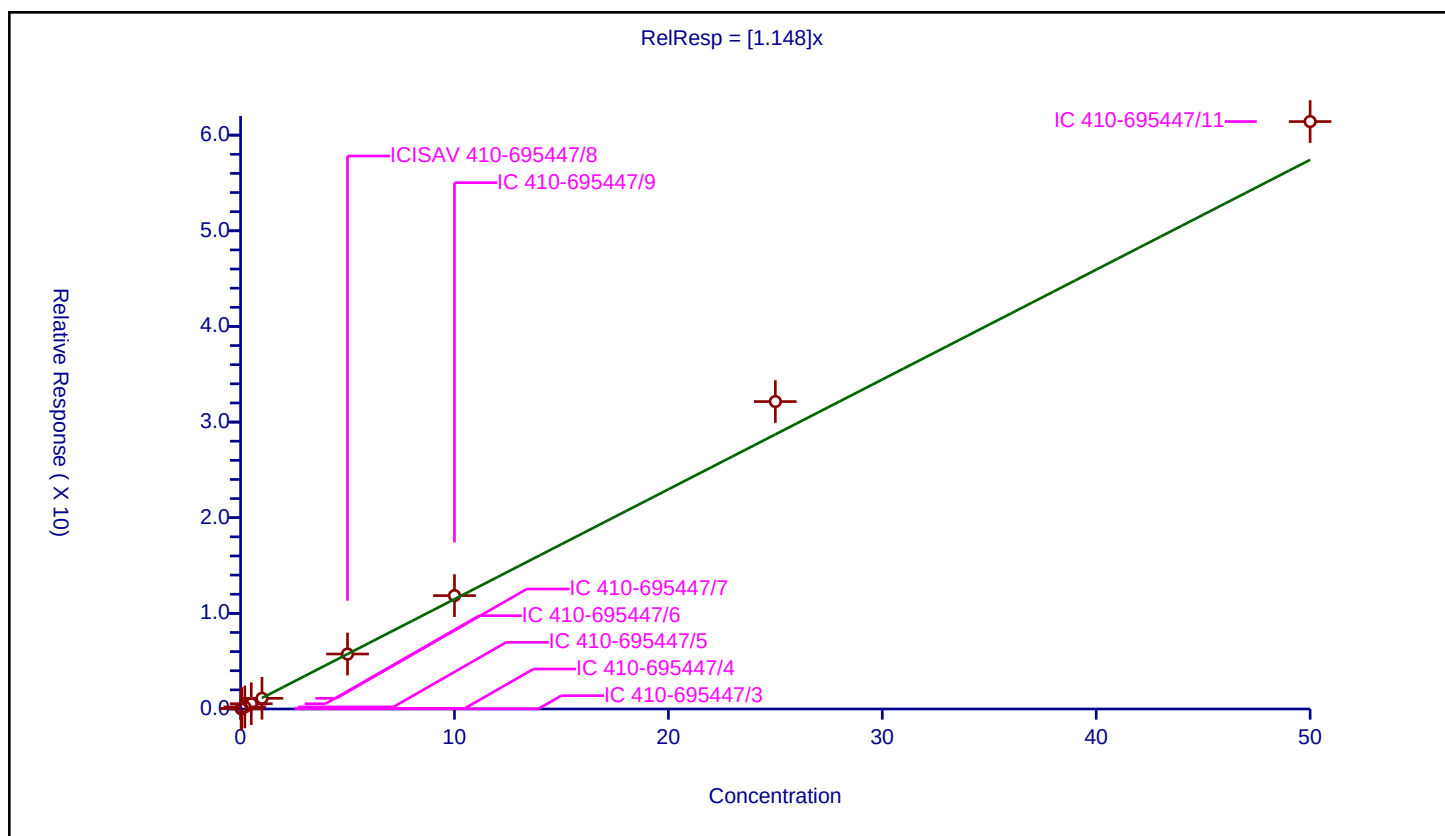
Curve Coefficients

Intercept: 0
Slope: 1.148

Error Coefficients

Relative Standard Deviation: 6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.025913	10.0	1185119.0	1.03652	Y
2	IC 410-695447/4	0.05	0.057267	10.0	1174502.0	1.145336	Y
3	IC 410-695447/5	0.2	0.218396	10.0	1173053.0	1.09198	Y
4	IC 410-695447/6	0.5	0.548072	10.0	1173550.0	1.096144	Y
5	IC 410-695447/7	1.0	1.116133	10.0	1173211.0	1.116133	Y
6	ICISAV 410-695447/8	5.0	5.746985	10.0	1190995.0	1.149397	Y
7	IC 410-695447/9	10.0	11.854647	10.0	1212851.0	1.185465	Y
8	IC 410-695447/10	25.0	32.144713	10.0	1225987.0	1.285789	Y
9	IC 410-695447/11	50.0	61.41995	10.0	1281454.0	1.228399	Y



Calibration

/ 1,1,2,2-Tetrachloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

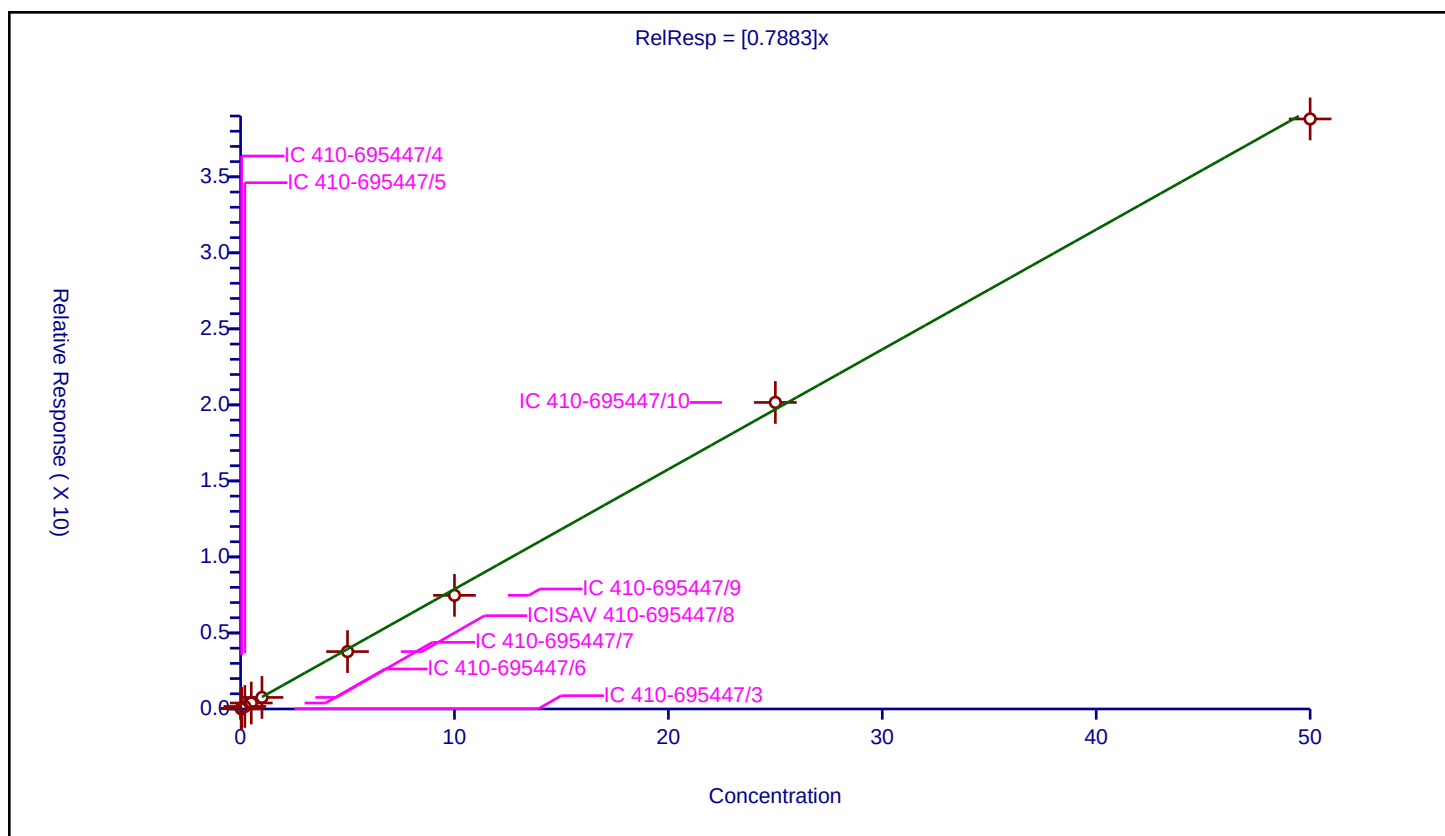
Curve Coefficients

Intercept: 0
Slope: 0.7883

Error Coefficients

Relative Standard Deviation: 7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.018099	10.0	1185119.0	0.723978	Y
2	IC 410-695447/4	0.05	0.04567	10.0	1174502.0	0.913408	Y
3	IC 410-695447/5	0.2	0.164912	10.0	1173053.0	0.824558	Y
4	IC 410-695447/6	0.5	0.39378	10.0	1173550.0	0.787559	Y
5	IC 410-695447/7	1.0	0.760298	10.0	1173211.0	0.760298	Y
6	ICISAV 410-695447/8	5.0	3.774441	10.0	1190995.0	0.754888	Y
7	IC 410-695447/9	10.0	7.474092	10.0	1212851.0	0.747409	Y
8	IC 410-695447/10	25.0	20.16178	10.0	1225987.0	0.806471	Y
9	IC 410-695447/11	50.0	38.807167	10.0	1281454.0	0.776143	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

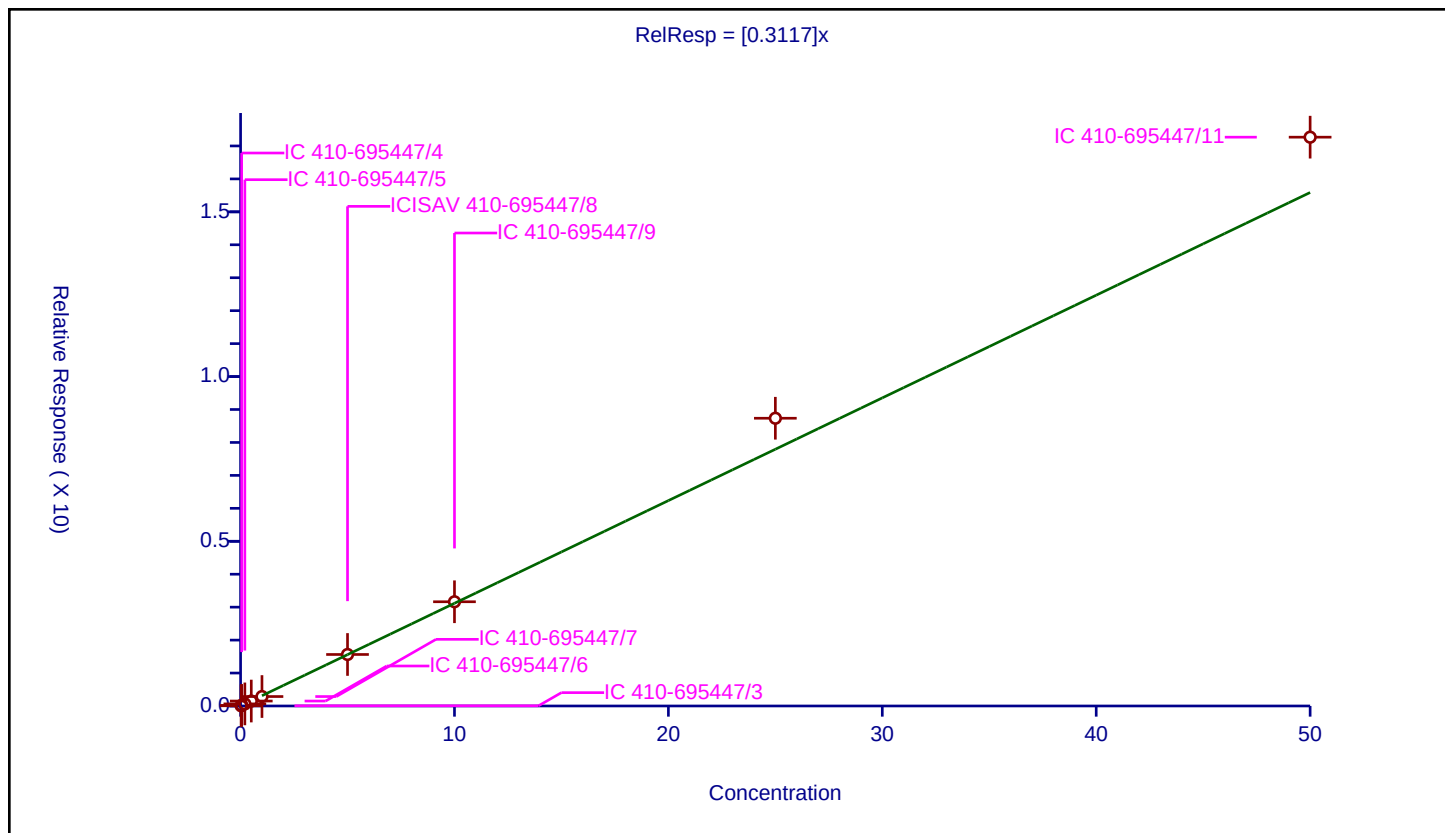
Curve Coefficients

Intercept: 0
Slope: 0.3117

Error Coefficients

Relative Standard Deviation: 11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.005873	10.0	1185119.0	0.234913	Y
2	IC 410-695447/4	0.05	0.017165	10.0	1174502.0	0.343294	Y
3	IC 410-695447/5	0.2	0.063356	10.0	1173053.0	0.31678	Y
4	IC 410-695447/6	0.5	0.149989	10.0	1173550.0	0.299979	Y
5	IC 410-695447/7	1.0	0.286999	10.0	1173211.0	0.286999	Y
6	ICISAV 410-695447/8	5.0	1.563113	10.0	1190995.0	0.312623	Y
7	IC 410-695447/9	10.0	3.163629	10.0	1212851.0	0.316363	Y
8	IC 410-695447/10	25.0	8.734432	10.0	1225987.0	0.349377	Y
9	IC 410-695447/11	50.0	17.266418	10.0	1281454.0	0.345328	Y



Calibration

/ 4-Ethyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

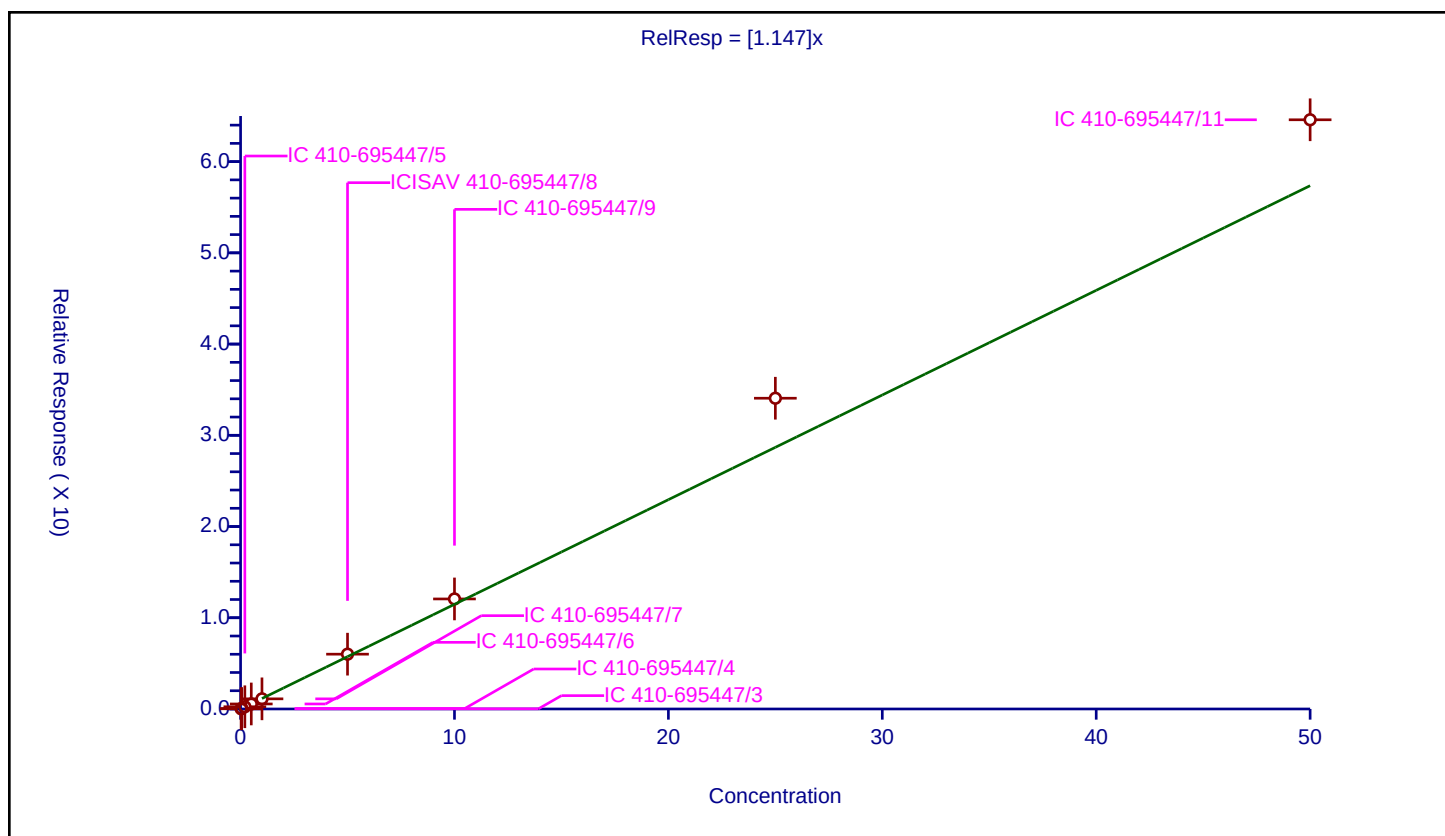
Curve Coefficients

Intercept: 0
Slope: 1.147

Error Coefficients

Relative Standard Deviation: 13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.021778	10.0	1185119.0	0.871136	Y
2	IC 410-695447/4	0.05	0.047825	10.0	1174502.0	0.95649	Y
3	IC 410-695447/5	0.2	0.244439	10.0	1173053.0	1.222195	Y
4	IC 410-695447/6	0.5	0.551012	10.0	1173550.0	1.102024	Y
5	IC 410-695447/7	1.0	1.111045	10.0	1173211.0	1.111045	Y
6	ICISAV 410-695447/8	5.0	6.009689	10.0	1190995.0	1.201938	Y
7	IC 410-695447/9	10.0	12.061069	10.0	1212851.0	1.206107	Y
8	IC 410-695447/10	25.0	34.064643	10.0	1225987.0	1.362586	Y
9	IC 410-695447/11	50.0	64.587781	10.0	1281454.0	1.291756	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

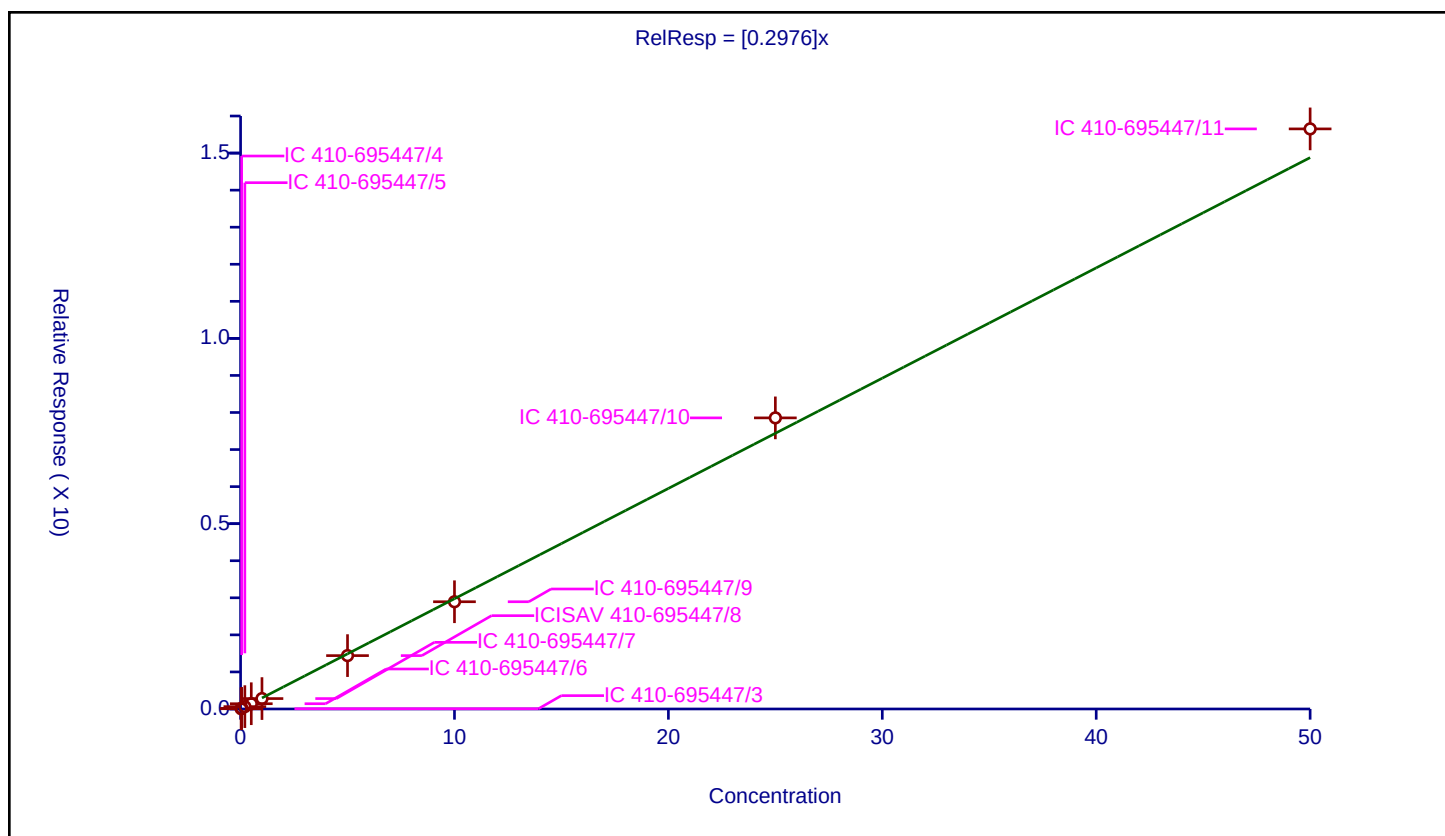
Curve Coefficients

Intercept: 0
Slope: 0.2976

Error Coefficients

Relative Standard Deviation: 6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.006809	10.0	1185119.0	0.272378	Y
2	IC 410-695447/4	0.05	0.015879	10.0	1174502.0	0.317581	Y
3	IC 410-695447/5	0.2	0.063706	10.0	1173053.0	0.318528	Y
4	IC 410-695447/6	0.5	0.142014	10.0	1173550.0	0.284027	Y
5	IC 410-695447/7	1.0	0.280768	10.0	1173211.0	0.280768	Y
6	ICISAV 410-695447/8	5.0	1.440359	10.0	1190995.0	0.288072	Y
7	IC 410-695447/9	10.0	2.893604	10.0	1212851.0	0.28936	Y
8	IC 410-695447/10	25.0	7.854928	10.0	1225987.0	0.314197	Y
9	IC 410-695447/11	50.0	15.652735	10.0	1281454.0	0.313055	Y



Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

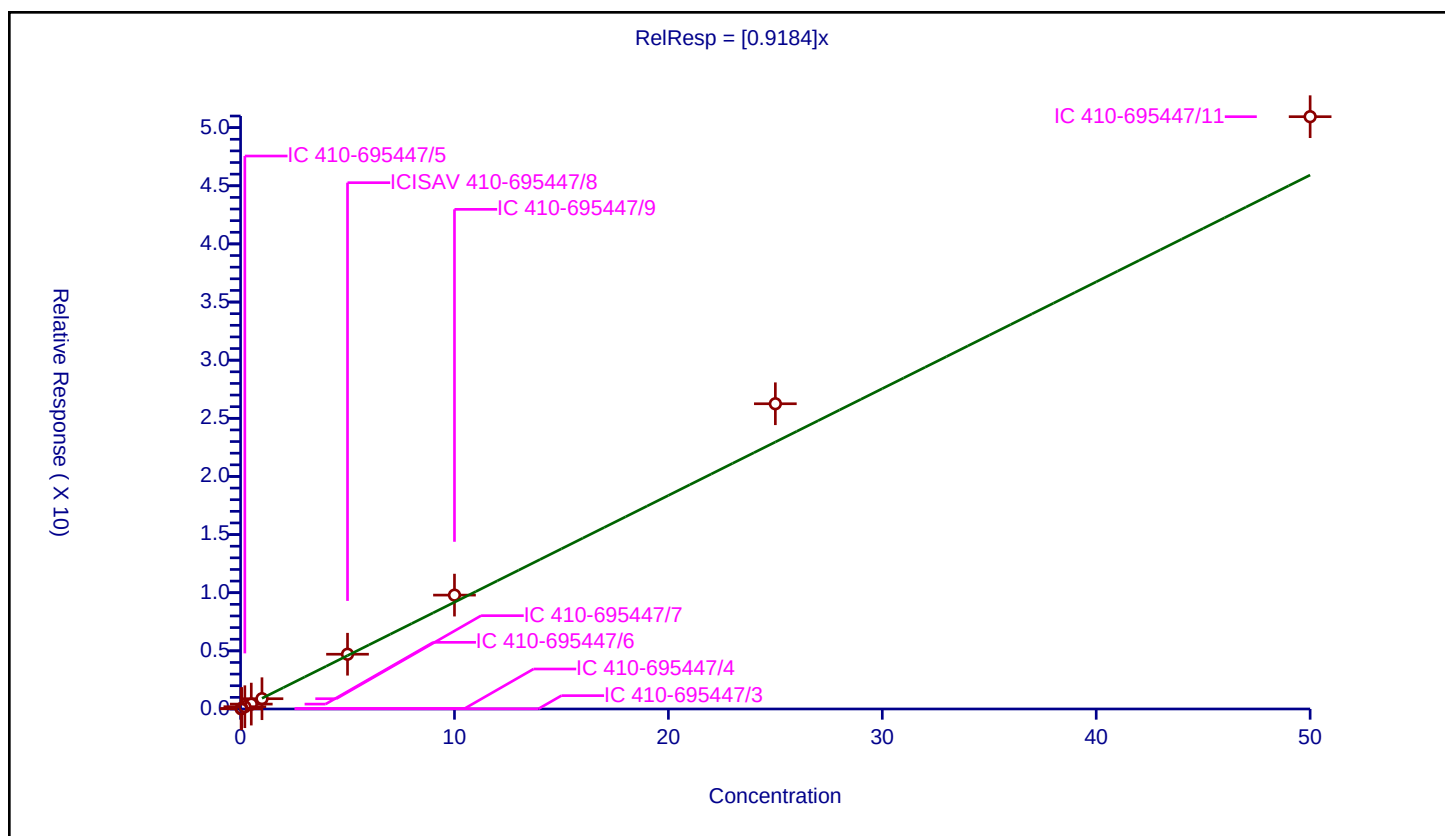
Curve Coefficients

Intercept: 0
 Slope: 0.9184

Error Coefficients

Relative Standard Deviation: 11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.017694	10.0	1185119.0	0.707777	Y
2	IC 410-695447/4	0.05	0.042886	10.0	1174502.0	0.857725	Y
3	IC 410-695447/5	0.2	0.196811	10.0	1173053.0	0.984056	Y
4	IC 410-695447/6	0.5	0.421328	10.0	1173550.0	0.842657	Y
5	IC 410-695447/7	1.0	0.883507	10.0	1173211.0	0.883507	Y
6	ICISAV 410-695447/8	5.0	4.709172	10.0	1190995.0	0.941834	Y
7	IC 410-695447/9	10.0	9.793338	10.0	1212851.0	0.979334	Y
8	IC 410-695447/10	25.0	26.252105	10.0	1225987.0	1.050084	Y
9	IC 410-695447/11	50.0	50.941555	10.0	1281454.0	1.018831	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

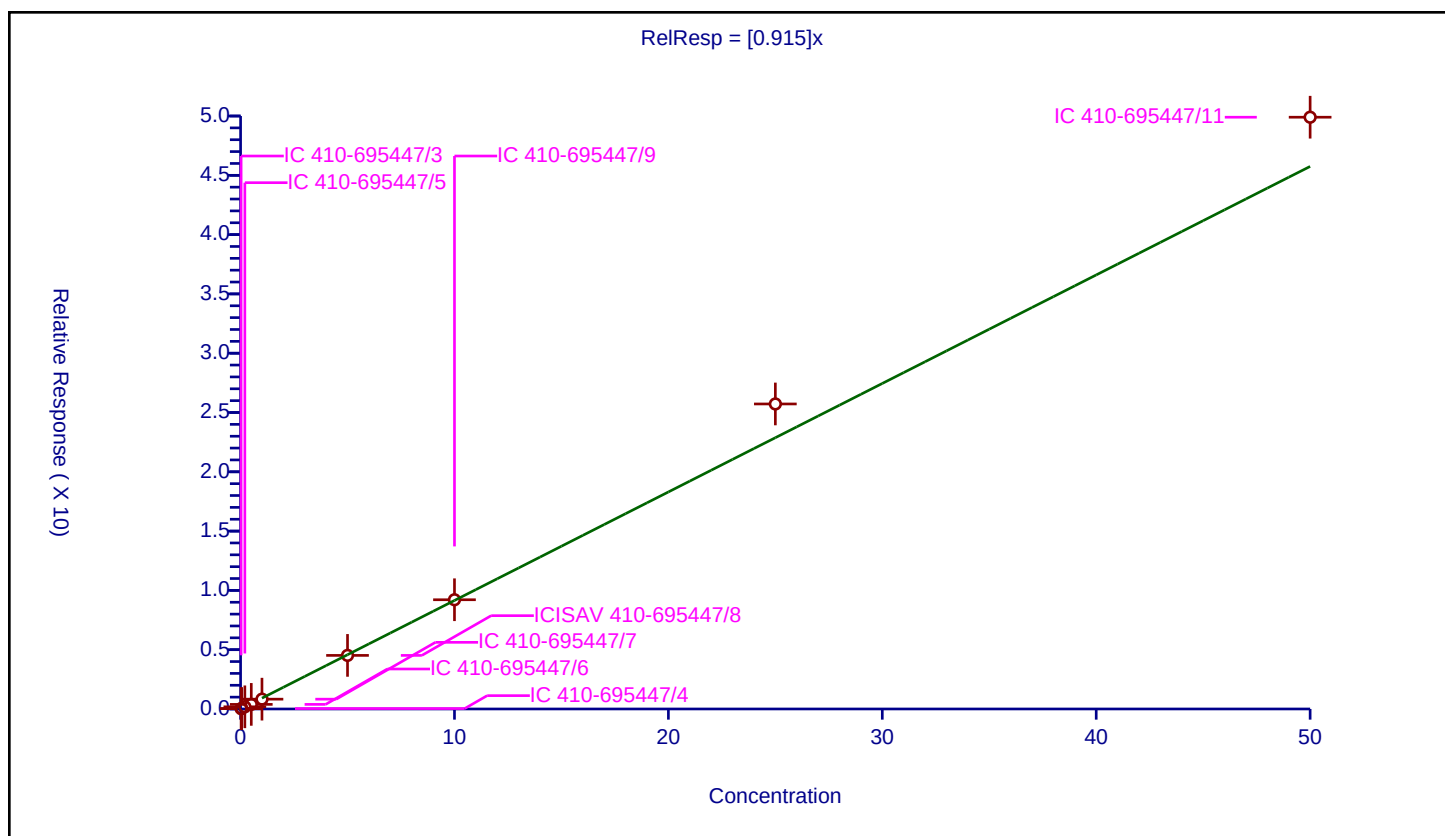
Curve Coefficients

Intercept: 0
Slope: 0.915

Error Coefficients

Relative Standard Deviation: 12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.027449	10.0	1185119.0	1.097949	Y
2	IC 410-695447/4	0.05	0.038127	10.0	1174502.0	0.762536	Y
3	IC 410-695447/5	0.2	0.184339	10.0	1173053.0	0.921697	Y
4	IC 410-695447/6	0.5	0.38675	10.0	1173550.0	0.773499	Y
5	IC 410-695447/7	1.0	0.827558	10.0	1173211.0	0.827558	Y
6	ICISAV 410-695447/8	5.0	4.518121	10.0	1190995.0	0.903624	Y
7	IC 410-695447/9	10.0	9.211428	10.0	1212851.0	0.921143	Y
8	IC 410-695447/10	25.0	25.720909	10.0	1225987.0	1.028836	Y
9	IC 410-695447/11	50.0	49.898795	10.0	1281454.0	0.997976	Y



Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

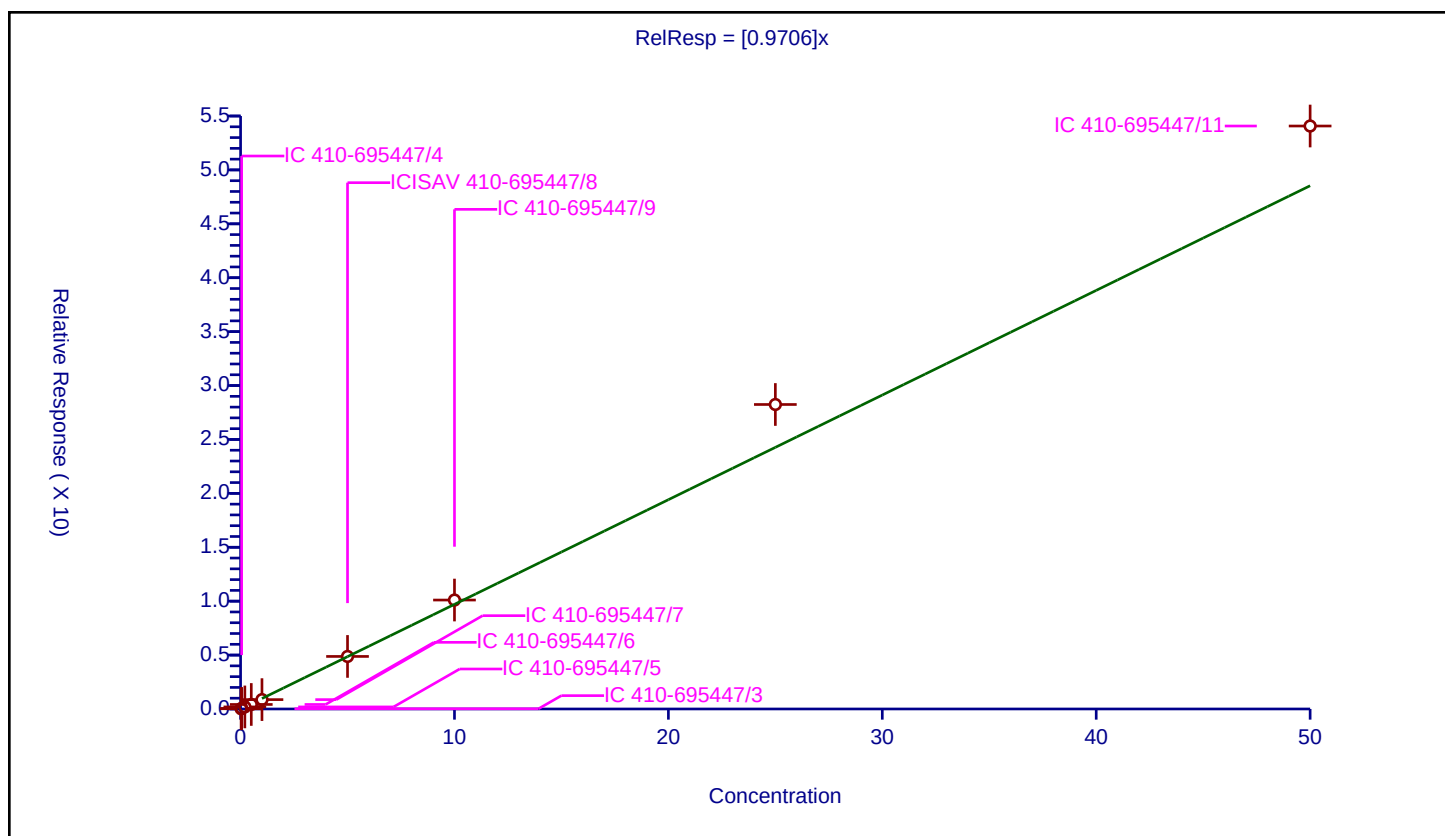
Curve Coefficients

Intercept: 0
Slope: 0.9706

Error Coefficients

Relative Standard Deviation: 10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.021365	10.0	1185119.0	0.854598	Y
2	IC 410-695447/4	0.05	0.050507	10.0	1174502.0	1.01013	Y
3	IC 410-695447/5	0.2	0.192677	10.0	1173053.0	0.963384	Y
4	IC 410-695447/6	0.5	0.4204	10.0	1173550.0	0.840799	Y
5	IC 410-695447/7	1.0	0.8705	10.0	1173211.0	0.8705	Y
6	ICISAV 410-695447/8	5.0	4.873404	10.0	1190995.0	0.974681	Y
7	IC 410-695447/9	10.0	10.105784	10.0	1212851.0	1.010578	Y
8	IC 410-695447/10	25.0	28.241572	10.0	1225987.0	1.129663	Y
9	IC 410-695447/11	50.0	54.072515	10.0	1281454.0	1.08145	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

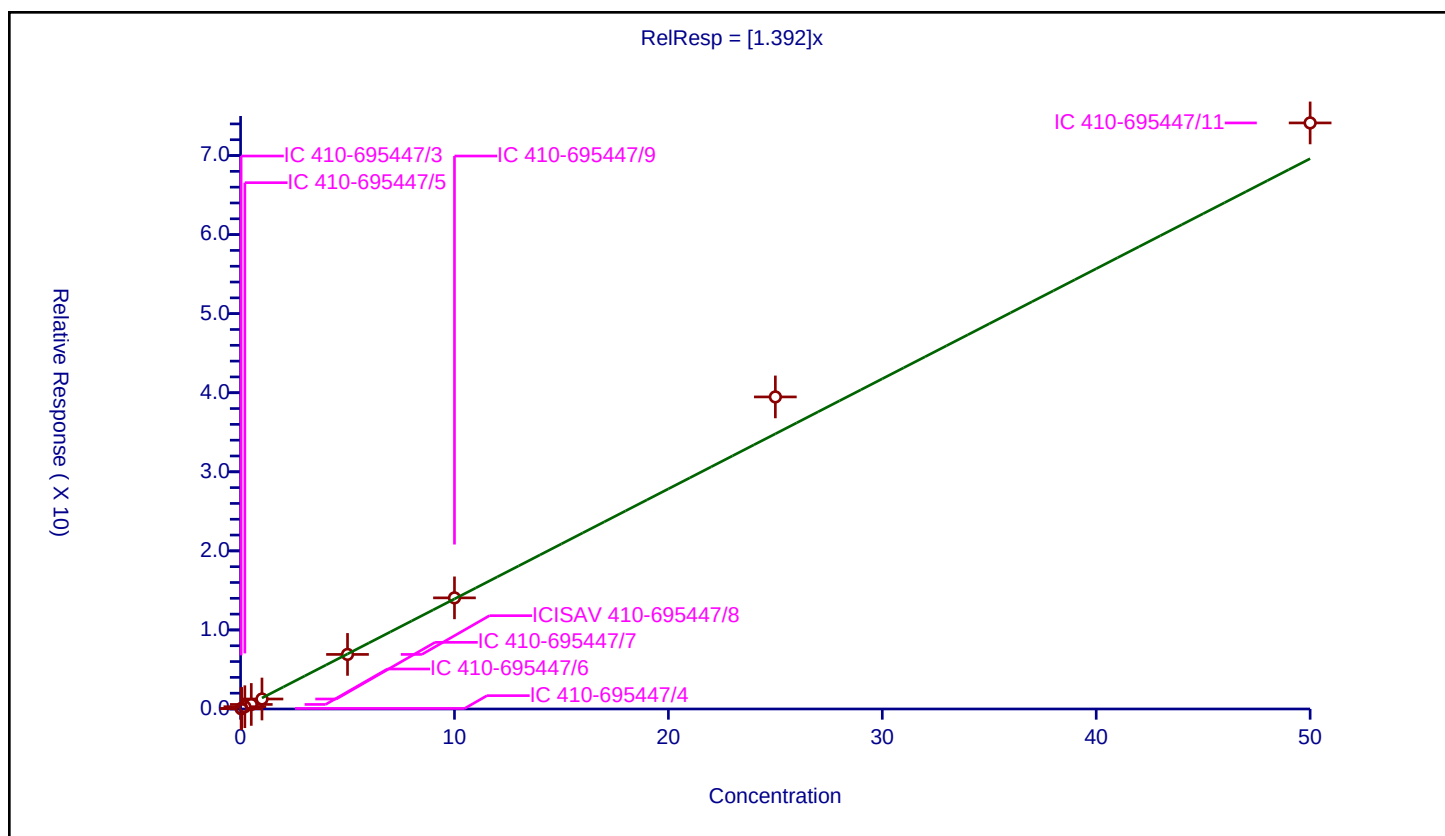
Curve Coefficients

Intercept: 0
Slope: 1.392

Error Coefficients

Relative Standard Deviation: 9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.036275	10.0	1185119.0	1.450994	Y
2	IC 410-695447/4	0.05	0.068403	10.0	1174502.0	1.368069	Y
3	IC 410-695447/5	0.2	0.289603	10.0	1173053.0	1.448016	Y
4	IC 410-695447/6	0.5	0.576056	10.0	1173550.0	1.152111	Y
5	IC 410-695447/7	1.0	1.263021	10.0	1173211.0	1.263021	Y
6	ICISAV 410-695447/8	5.0	6.902103	10.0	1190995.0	1.380421	Y
7	IC 410-695447/9	10.0	14.054975	10.0	1212851.0	1.405497	Y
8	IC 410-695447/10	25.0	39.47068	10.0	1225987.0	1.578827	Y
9	IC 410-695447/11	50.0	74.126289	10.0	1281454.0	1.482526	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

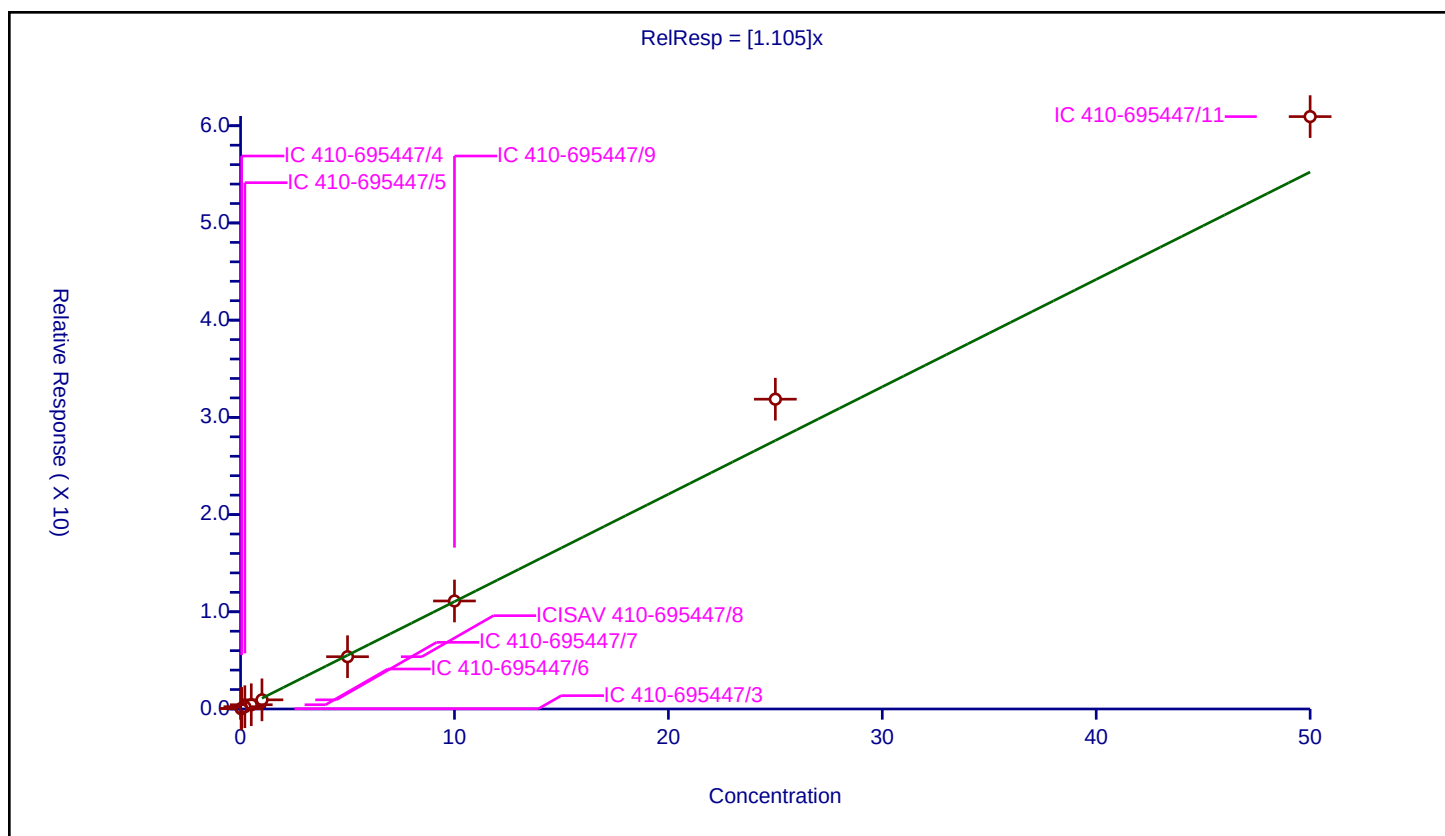
Curve Coefficients

Intercept: 0
 Slope: 1.105

Error Coefficients

Relative Standard Deviation: 11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.027567	10.0	1185119.0	1.102674	Y
2	IC 410-695447/4	0.05	0.058782	10.0	1174502.0	1.175647	Y
3	IC 410-695447/5	0.2	0.233809	10.0	1173053.0	1.169044	Y
4	IC 410-695447/6	0.5	0.436249	10.0	1173550.0	0.872498	Y
5	IC 410-695447/7	1.0	0.942473	10.0	1173211.0	0.942473	Y
6	ICISAV 410-695447/8	5.0	5.378805	10.0	1190995.0	1.075761	Y
7	IC 410-695447/9	10.0	11.112255	10.0	1212851.0	1.111226	Y
8	IC 410-695447/10	25.0	31.868609	10.0	1225987.0	1.274744	Y
9	IC 410-695447/11	50.0	60.939846	10.0	1281454.0	1.218797	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

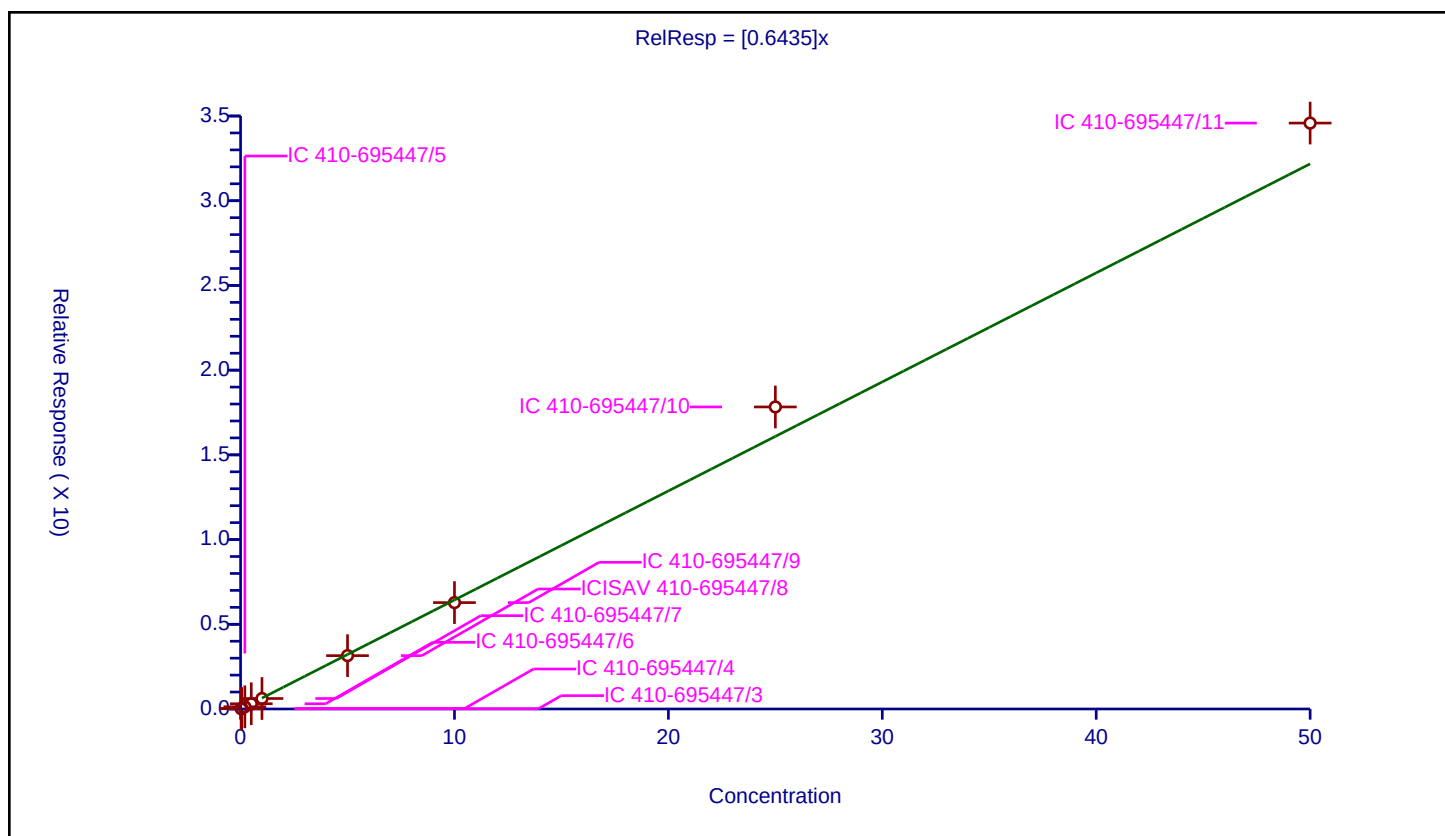
Curve Coefficients

Intercept: 0
Slope: 0.6435

Error Coefficients

Relative Standard Deviation: 5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.01529	10.0	1185119.0	0.611584	Y
2	IC 410-695447/4	0.05	0.031375	10.0	1174502.0	0.6275	Y
3	IC 410-695447/5	0.2	0.130574	10.0	1173053.0	0.652869	Y
4	IC 410-695447/6	0.5	0.309863	10.0	1173550.0	0.619726	Y
5	IC 410-695447/7	1.0	0.617476	10.0	1173211.0	0.617476	Y
6	ICISAV 410-695447/8	5.0	3.149241	10.0	1190995.0	0.629848	Y
7	IC 410-695447/9	10.0	6.279799	10.0	1212851.0	0.62798	Y
8	IC 410-695447/10	25.0	17.82766	10.0	1225987.0	0.713106	Y
9	IC 410-695447/11	50.0	34.582872	10.0	1281454.0	0.691657	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

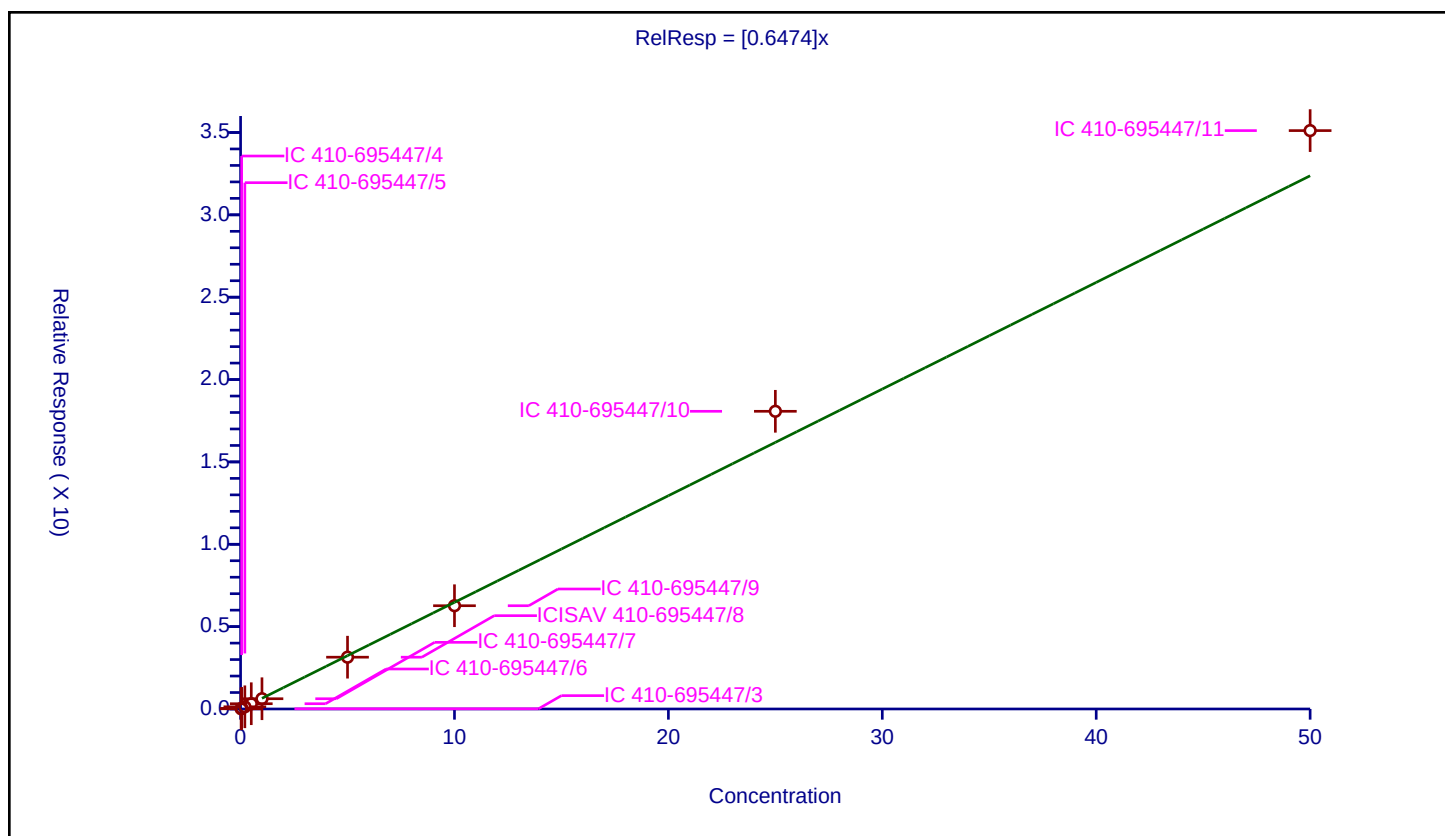
Curve Coefficients

Intercept: 0
Slope: 0.6474

Error Coefficients

Relative Standard Deviation: 10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.012328	10.0	1185119.0	0.493115	Y
2	IC 410-695447/4	0.05	0.036066	10.0	1174502.0	0.721327	Y
3	IC 410-695447/5	0.2	0.133958	10.0	1173053.0	0.669791	Y
4	IC 410-695447/6	0.5	0.319799	10.0	1173550.0	0.639598	Y
5	IC 410-695447/7	1.0	0.621678	10.0	1173211.0	0.621678	Y
6	ICISAV 410-695447/8	5.0	3.145546	10.0	1190995.0	0.629109	Y
7	IC 410-695447/9	10.0	6.269995	10.0	1212851.0	0.627	Y
8	IC 410-695447/10	25.0	18.073414	10.0	1225987.0	0.722937	Y
9	IC 410-695447/11	50.0	35.11469	10.0	1281454.0	0.702294	Y



Calibration

/ Benzyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

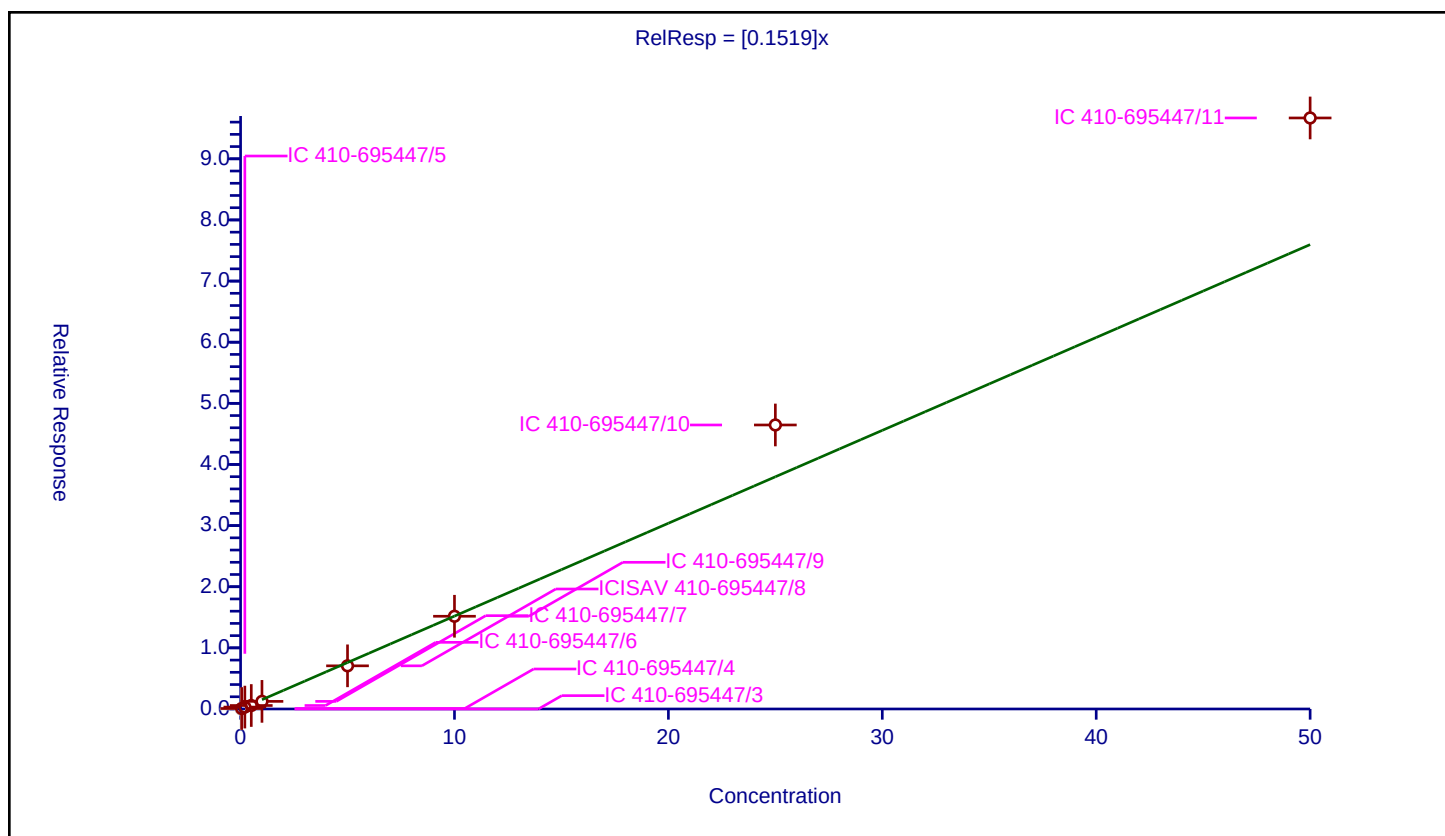
Curve Coefficients

Intercept: 0
Slope: 0.1519

Error Coefficients

Relative Standard Deviation: 18.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.0	10.0	1185119.0	0.0	N
2	IC 410-695447/4	0.05	0.00745	10.0	1174502.0	0.148999	Y
3	IC 410-695447/5	0.2	0.031243	10.0	1173053.0	0.156216	Y
4	IC 410-695447/6	0.5	0.056819	10.0	1173550.0	0.113638	Y
5	IC 410-695447/7	1.0	0.124487	10.0	1173211.0	0.124487	Y
6	ICISAV 410-695447/8	5.0	0.705998	10.0	1190995.0	0.1412	Y
7	IC 410-695447/9	10.0	1.516847	10.0	1212851.0	0.151685	Y
8	IC 410-695447/10	25.0	4.646085	10.0	1225987.0	0.185843	Y
9	IC 410-695447/11	50.0	9.668213	10.0	1281454.0	0.193364	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

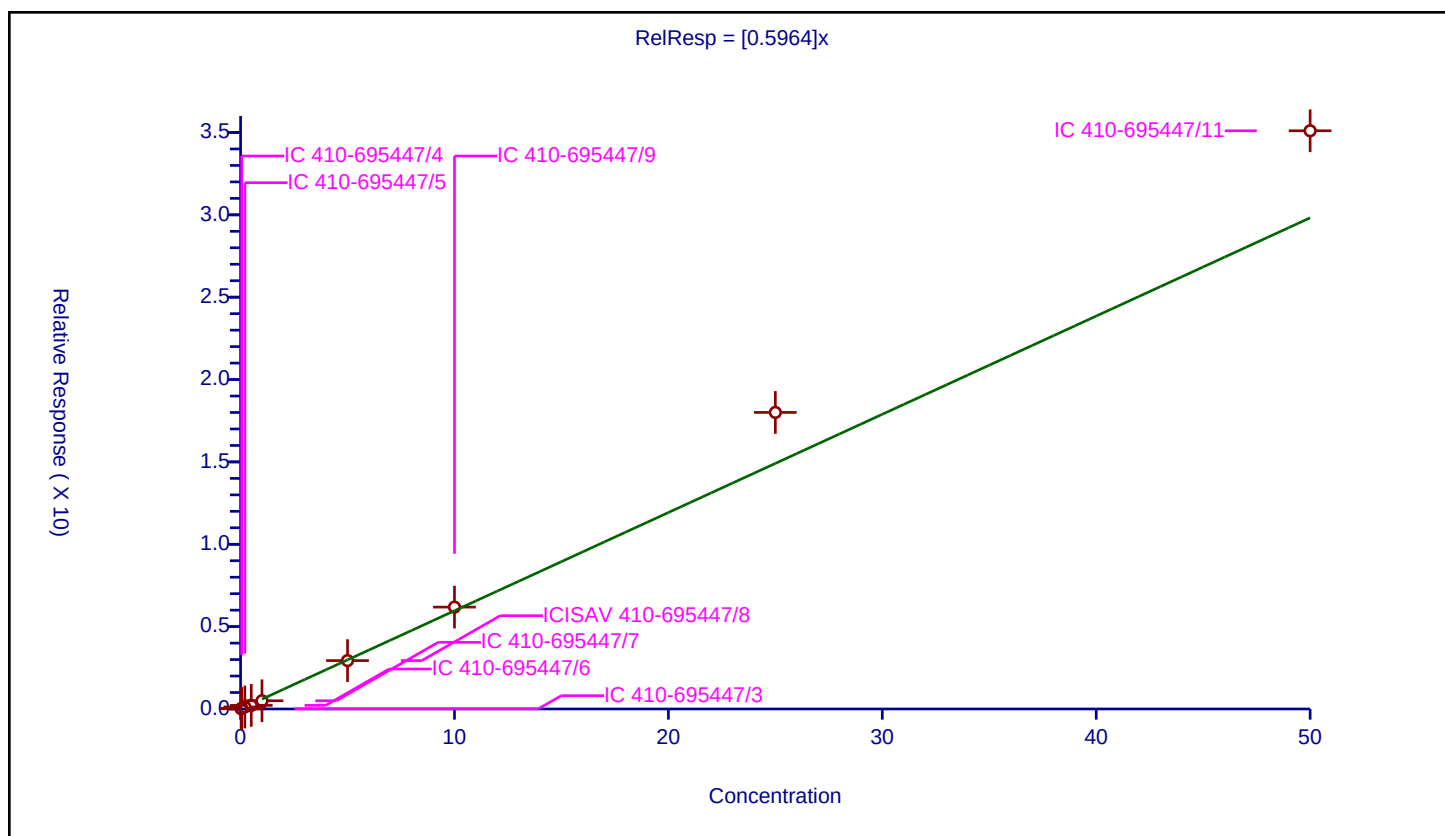
Curve Coefficients

Intercept: 0
 Slope: 0.5964

Error Coefficients

Relative Standard Deviation: 14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.014589	10.0	1185119.0	0.58357	Y
2	IC 410-695447/4	0.05	0.030353	10.0	1174502.0	0.607066	Y
3	IC 410-695447/5	0.2	0.122978	10.0	1173053.0	0.614891	Y
4	IC 410-695447/6	0.5	0.217145	10.0	1173550.0	0.434289	Y
5	IC 410-695447/7	1.0	0.498879	10.0	1173211.0	0.498879	Y
6	ICISAV 410-695447/8	5.0	2.938123	10.0	1190995.0	0.587625	Y
7	IC 410-695447/9	10.0	6.185657	10.0	1212851.0	0.618566	Y
8	IC 410-695447/10	25.0	18.005134	10.0	1225987.0	0.720205	Y
9	IC 410-695447/11	50.0	35.104889	10.0	1281454.0	0.702098	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

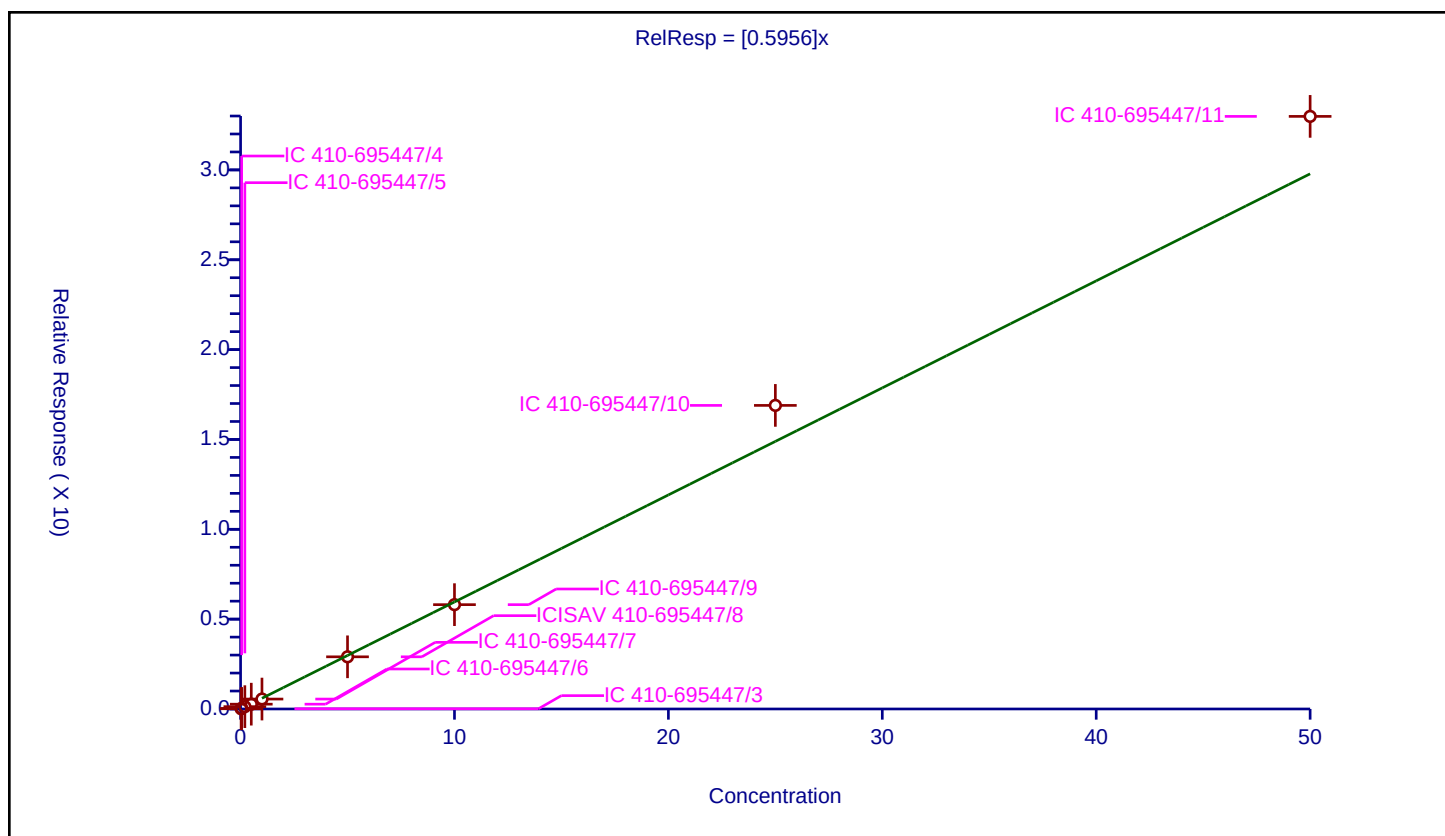
Curve Coefficients

Intercept: 0
Slope: 0.5956

Error Coefficients

Relative Standard Deviation: 9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.013121	10.0	1185119.0	0.524842	Y
2	IC 410-695447/4	0.05	0.030234	10.0	1174502.0	0.604682	Y
3	IC 410-695447/5	0.2	0.129397	10.0	1173053.0	0.646987	Y
4	IC 410-695447/6	0.5	0.267513	10.0	1173550.0	0.535026	Y
5	IC 410-695447/7	1.0	0.552663	10.0	1173211.0	0.552663	Y
6	ICISAV 410-695447/8	5.0	2.903262	10.0	1190995.0	0.580652	Y
7	IC 410-695447/9	10.0	5.805734	10.0	1212851.0	0.580573	Y
8	IC 410-695447/10	25.0	16.895359	10.0	1225987.0	0.675814	Y
9	IC 410-695447/11	50.0	32.979756	10.0	1281454.0	0.659595	Y



Calibration

/ 1,2,4-Trichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

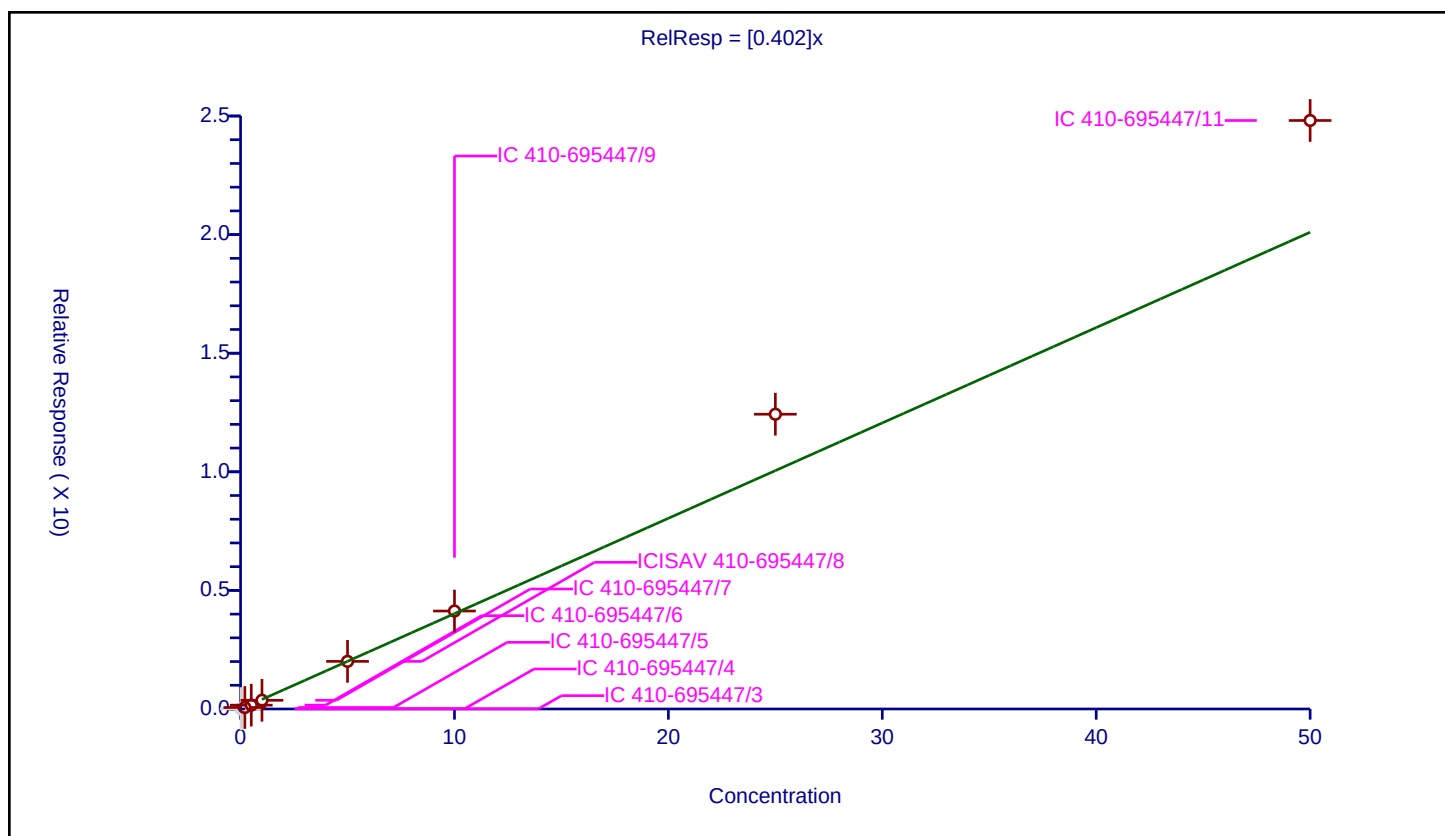
Curve Coefficients

Intercept: 0
Slope: 0.402

Error Coefficients

Relative Standard Deviation: 18.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.005704	10.0	1185119.0	0.228163	N
2	IC 410-695447/4	0.05	0.011349	10.0	1174502.0	0.22699	N
3	IC 410-695447/5	0.2	0.063049	10.0	1173053.0	0.315246	Y
4	IC 410-695447/6	0.5	0.161868	10.0	1173550.0	0.323736	Y
5	IC 410-695447/7	1.0	0.367087	10.0	1173211.0	0.367087	Y
6	ICISAV 410-695447/8	5.0	2.00754	10.0	1190995.0	0.401508	Y
7	IC 410-695447/9	10.0	4.130277	10.0	1212851.0	0.413028	Y
8	IC 410-695447/10	25.0	12.42744	10.0	1225987.0	0.497098	Y
9	IC 410-695447/11	50.0	24.811292	10.0	1281454.0	0.496226	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

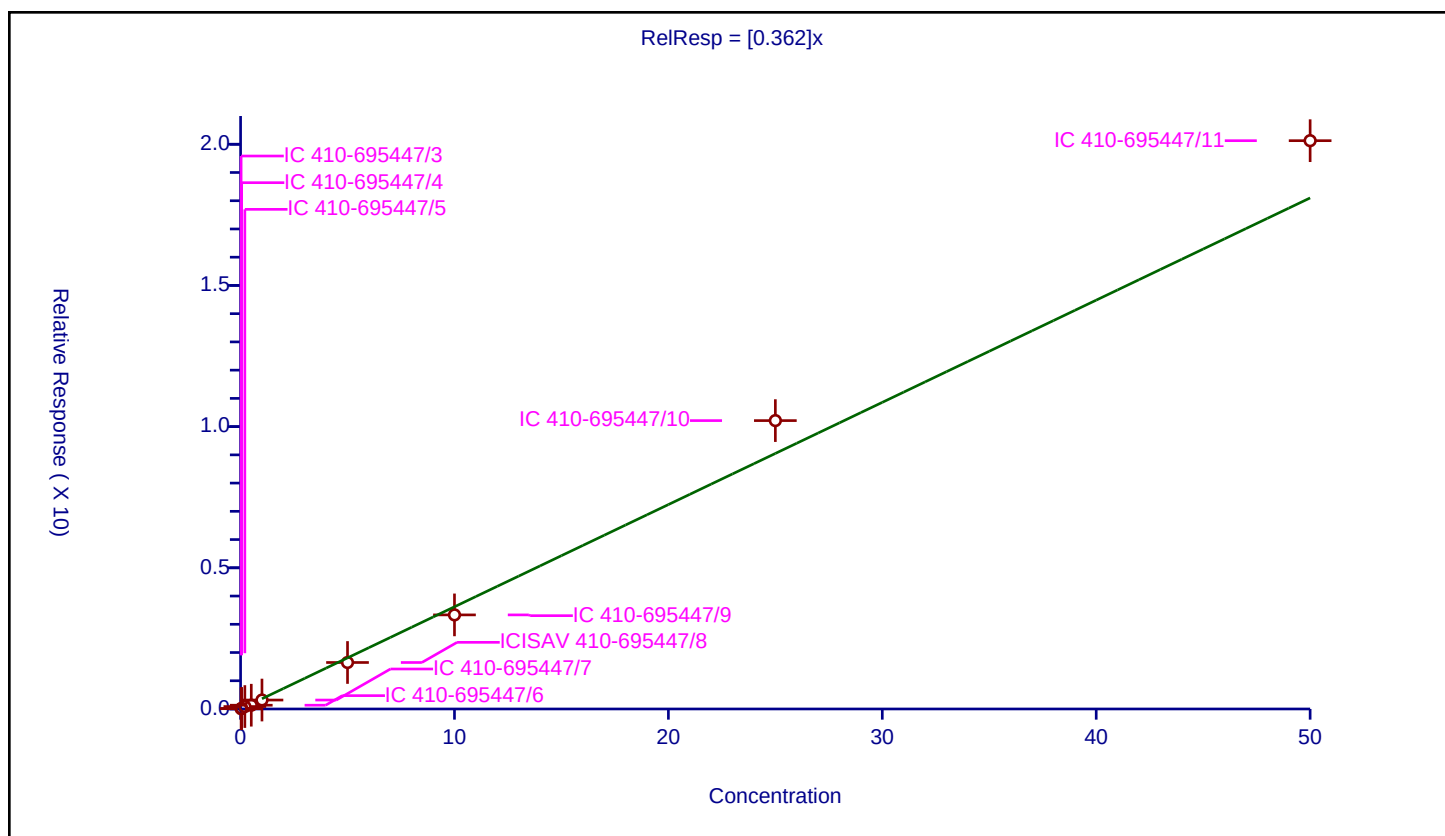
Curve Coefficients

Intercept: 0
Slope: 0.362

Error Coefficients

Relative Standard Deviation: 14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.009451	10.0	1185119.0	0.378021	Y
2	IC 410-695447/4	0.05	0.019523	10.0	1174502.0	0.390463	Y
3	IC 410-695447/5	0.2	0.086211	10.0	1173053.0	0.431055	Y
4	IC 410-695447/6	0.5	0.133705	10.0	1173550.0	0.267411	Y
5	IC 410-695447/7	1.0	0.31724	10.0	1173211.0	0.31724	Y
6	ICISAV 410-695447/8	5.0	1.646313	10.0	1190995.0	0.329263	Y
7	IC 410-695447/9	10.0	3.332	10.0	1212851.0	0.3332	Y
8	IC 410-695447/10	25.0	10.213453	10.0	1225987.0	0.408538	Y
9	IC 410-695447/11	50.0	20.126497	10.0	1281454.0	0.40253	Y



Calibration

/ Naphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

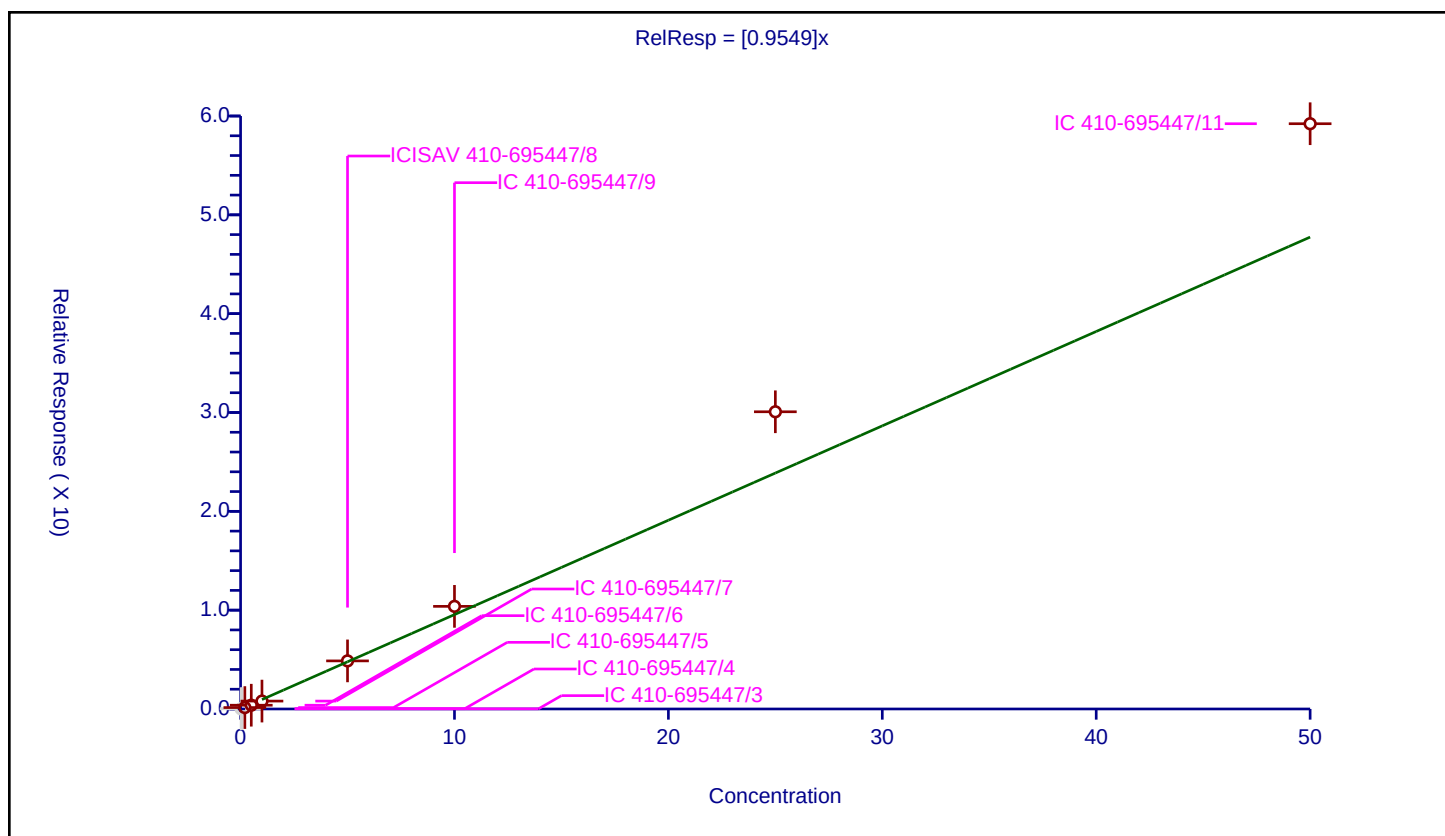
Curve Coefficients

Intercept: 0
Slope: 0.9549

Error Coefficients

Relative Standard Deviation: 20.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-695447/3	0.025	0.017948	10.0	1185119.0	0.717903	N
2	IC 410-695447/4	0.05	0.027825	10.0	1174502.0	0.556491	N
3	IC 410-695447/5	0.2	0.144768	10.0	1173053.0	0.723838	Y
4	IC 410-695447/6	0.5	0.380734	10.0	1173550.0	0.761467	Y
5	IC 410-695447/7	1.0	0.800018	10.0	1173211.0	0.800018	Y
6	ICISAV 410-695447/8	5.0	4.866956	10.0	1190995.0	0.973391	Y
7	IC 410-695447/9	10.0	10.384994	10.0	1212851.0	1.038499	Y
8	IC 410-695447/10	25.0	30.072211	10.0	1225987.0	1.202888	Y
9	IC 410-695447/11	50.0	59.220097	10.0	1281454.0	1.184402	Y



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Lab Sample ID: ICV 410-695447/17

Calibration Date: 09/08/2025 05:37

Instrument ID: HP8R004

Calib Start Date: 09/07/2025 22:59

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Calib End Date: 09/08/2025 02:41

Lab File ID: 7S07X17.D

Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	2.285	2.281		4.99	5.00	-0.2	30.0
Chlorodifluoromethane	Ave	1.293	1.460		5.64	5.00	12.9	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.032	2.270		5.58	5.00	11.7	30.0
Chloromethane	Ave	0.8181	0.8654		5.29	5.00	5.8	30.0
Vinyl chloride	Ave	0.8328	0.9261		5.56	5.00	11.2	30.0
1,3-Butadiene	Ave	0.6457	0.6395		4.95	5.00	-1.0	30.0
Bromomethane	Ave	0.6204	0.6610		5.33	5.00	6.5	30.0
Chloroethane	Ave	0.5030	0.4970		4.94	5.00	-1.2	30.0
Bromoethene (Vinyl Bromide)	Ave	0.8069	0.7684		4.76	5.00	-4.8	30.0
Trichlorofluoromethane	Ave	2.081	2.148		5.16	5.00	3.2	30.0
1,1-Dichloroethene	Ave	1.408	1.519		5.39	5.00	7.9	30.0
1,1,2-Trichlorotrifluoroethane	Ave	1.038	1.122		5.40	5.00	8.1	30.0
Acetone	Ave	1.486	1.487		5.00	5.00	0.0	30.0
Isopropyl alcohol	Ave	1.100	0.9882		4.49	5.00	-10.1	30.0
Carbon disulfide	Ave	2.979	2.615		4.39	5.00	-12.2	30.0
3-Chloropropene	Ave	1.371	1.306		4.76	5.00	-4.8	30.0
Methylene Chloride	Ave	0.7881	0.8297		5.26	5.00	5.3	30.0
tert-Butyl alcohol	Ave	0.9122	1.067		6.49	5.55	17.0	30.0
Methyl tert-butyl ether	Ave	2.156	2.273		5.27	5.00	5.5	30.0
trans-1,2-Dichloroethene	Ave	1.497	1.400		4.68	5.00	-6.5	30.0
n-Hexane	Ave	0.7723	0.7299		4.73	5.00	-5.5	30.0
1,1-Dichloroethane	Ave	1.825	1.772		4.86	5.00	-2.9	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.4225	0.4506		5.33	5.00	6.6	30.0
cis-1,2-Dichloroethene	Ave	1.699	1.647		4.85	5.00	-3.0	30.0
Tetrahydrofuran	Ave	1.223	1.174		4.80	5.00	-4.0	30.0
Chloroform	Ave	2.046	1.979		4.83	5.00	-3.3	30.0
1,1,1-Trichloroethane	Ave	1.805	1.792		4.96	5.00	-0.7	30.0
Cyclohexane	Ave	1.427	1.435		5.03	5.00	0.5	30.0
Carbon tetrachloride	Ave	1.671	1.768		5.29	5.00	5.8	30.0
Benzene	Ave	0.8084	0.7555		4.67	5.00	-6.5	30.0
1,2-Dichloroethane	Ave	0.3728	0.3609		4.84	5.00	-3.2	30.0
2,2,4-Trimethylpentane	Ave	1.237	1.232		4.98	5.00	-0.4	30.0
n-Heptane	Ave	0.2445	0.2476		5.06	5.00	1.3	30.0
Trichloroethene	Ave	0.3218	0.2959		4.60	5.00	-8.1	30.0
1,2-Dichloropropane	Ave	0.3365	0.3142		4.67	5.00	-6.6	30.0
Methyl methacrylate	Ave	0.2554	0.2609		5.11	5.00	2.2	30.0
1,4-Dioxane	Ave	0.1093	0.1266		5.80	5.00	15.9	30.0
Bromodichloromethane	Ave	0.5892	0.5391		4.57	5.00	-8.5	30.0
cis-1,3-Dichloropropene	Ave	0.4734	0.4439		4.69	5.00	-6.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Lab Sample ID: ICV 410-695447/17

Calibration Date: 09/08/2025 05:37

Instrument ID: HP8R004

Calib Start Date: 09/07/2025 22:59

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Calib End Date: 09/08/2025 02:41

Lab File ID: 7S07X17.D

Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.6227	0.6613		5.31	5.00	6.2	30.0
Toluene	Ave	1.030	0.9654		4.69	5.00	-6.2	30.0
trans-1,3-Dichloropropene	Ave	0.4129	0.4211		5.10	5.00	2.0	30.0
1,1,2-Trichloroethane	Ave	0.3457	0.3345		4.84	5.00	-3.2	30.0
Tetrachloroethene	Ave	0.4436	0.4054		4.57	5.00	-8.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.6271	0.6961		5.55	5.00	11.0	30.0
Dibromochloromethane	Ave	0.4442	0.4315		4.86	5.00	-2.9	30.0
1,2-Dibromoethane	Ave	0.5186	0.4995		4.82	5.00	-3.7	30.0
Chlorobenzene	Ave	0.7797	0.7054		4.52	5.00	-9.5	30.0
Ethylbenzene	Ave	1.243	1.187		4.77	5.00	-4.5	30.0
m,p-Xylene	Ave	0.9225	0.9293		5.04	5.00	0.7	30.0
o-Xylene	Ave	0.9170	0.8923		4.87	5.00	-2.7	30.0
Styrene	Ave	0.6662	0.6438		4.83	5.00	-3.4	30.0
Bromoform	Ave	0.4811	0.4803		4.99	5.00	-0.2	30.0
Cumene	Ave	1.148	1.174		5.11	5.00	2.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7883	0.7279		4.62	5.00	-7.7	30.0
N-Propylbenzene	Ave	0.3117	0.3098		4.97	5.00	-0.6	30.0
4-Ethyltoluene	Ave	1.147	1.212		5.28	5.00	5.6	30.0
2-Chlorotoluene	Ave	0.2976	0.2896		4.87	5.00	-2.7	30.0
1,3,5-Trimethylbenzene	Ave	0.9184	0.9274		5.05	5.00	1.0	30.0
tert-Butylbenzene	Ave	0.9150	0.9047		4.94	5.00	-1.1	42.0
1,2,4-Trimethylbenzene	Ave	0.9706	0.9493		4.89	5.00	-2.2	30.0
sec-Butylbenzene	Ave	1.392	1.393		5.00	5.00	0.0	41.0
4-Isopropyltoluene	Ave	1.105	1.066		4.83	5.00	-3.5	48.0
1,3-Dichlorobenzene	Ave	0.6435	0.6162		4.79	5.00	-4.3	30.0
1,4-Dichlorobenzene	Ave	0.6474	0.6024		4.65	5.00	-7.0	30.0
Benzyl chloride	Ave	0.1519	0.1414		4.65	5.00	-6.9	30.0
n-Butylbenzene	Ave	0.5964	0.5842		4.90	5.00	-2.0	48.0
1,2-Dichlorobenzene	Ave	0.5956	0.5692		4.78	5.00	-4.4	30.0
1,2,4-Trichlorobenzene	Ave	0.4020	0.4163		5.18	5.00	3.6	30.0
Hexachlorobutadiene	Ave	0.3620	0.3374		4.66	5.00	-6.8	30.0
Naphthalene	Ave	0.9549	0.8916		5.42	5.80	-6.6	30.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X17.D

Lims ID: ICV

Client ID:

Sample Type: ICV

Inject. Date: 08-Sep-2025 05:37:47

ALS Bottle#: 4

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Sample Info: ICV

Misc. Info.: 410-0158855-017

Operator ID: AL109694

Instrument ID: HP8R004

Sublist:

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m

Limit Group: MSV - TO15_LL_NY

Last Update: 11-Sep-2025 09:16:41

Calib Date: 08-Sep-2025 02:41:13

Integrator: Falcon

ID Type: RT Order ID

Quant Method: Internal Standard

Quant By: Initial Calibration

Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm)

Det: MS Quad

Process Host: CTX1694

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.312	3.304	0.008	98	125805	NC	NC	
2 Dichlorodifluoromethane	85	3.376	3.376	0.000	87	402296	5.00	4.99	
3 Chlorodifluoromethane	51	3.412	3.412	0.000	76	257464	5.00	5.64	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.648	3.641	0.007	98	400362	5.00	5.58	
5 Chloromethane	50	3.770	3.770	0.000	88	152661	5.00	5.29	
6 Vinyl chloride	62	4.014	4.013	0.001	84	163356	5.00	5.56	
7 Butadiene	54	4.092	4.092	0.000	94	112805	5.00	4.95	
8 Bromomethane	94	4.701	4.694	0.007	88	116592	5.00	5.33	
9 Chloroethane	64	4.916	4.909	0.007	94	87670	5.00	4.94	
10 Vinyl bromide	106	5.274	5.274	0.000	97	135551	5.00	4.76	
13 Dichlorofluoromethane	67	5.332	5.331	0.001	82	375946	NC	NC	
12 Trichlorofluoromethane	101	5.410	5.403	0.007	87	378913	5.00	5.16	
11 Pentane	43	5.582	5.582	0.000	96	290279	NC	NC	
14 Ethanol	45	5.654	5.661	-0.007	55	45574	NC	NC	M
19 Acrolein	56	6.148	6.148	0.000	93	65692	NC	NC	M
15 1,1-Dichloroethene	61	6.349	6.349	0.000	86	267952	5.00	5.39	
16 1,1,2-Trichloro-1,2,2-trifluoroe	103	6.370	6.375	0.000	89	197853	5.00	5.40	
23 Acetone	43	6.377	6.377	0.000	98	262297	5.00	5.00	
20 Isopropyl alcohol	45	6.592	6.592	0.000	87	174322	5.00	4.49	
18 Iodomethane	142	6.607	6.606	0.001	98	300650	NC	NC	
17 Carbon disulfide	76	6.757	6.757	0.000	99	461229	5.00	4.39	
28 Acetonitrile	41	6.829	6.829	0.000	98	153616	NC	NC	
21 3-Chloro-1-propene	41	6.979	6.972	0.007	90	230306	5.00	4.76	
22 Methylene Chloride	84	7.187	7.187	0.000	94	146358	5.00	5.26	
27 2-Methyl-2-propanol	59	7.294	7.287	0.007	97	208911	5.55	6.49	
31 Acrylonitrile	53	7.531	7.531	0.000	96	137483	NC	NC	M
26 Methyl tert-butyl ether	73	7.631	7.631	0.000	91	401028	5.00	5.27	
24 trans-1,2-Dichloroethene	61	7.660	7.659	0.001	91	246936	5.00	4.68	
25 Hexane	56	8.111	8.111	0.000	94	128754	5.00	4.73	
33 Vinyl acetate	86	8.326	8.326	0.000	97	34253	NC	NC	
30 1,1-Dichloroethane	63	8.354	8.347	0.007	85	312640	5.00	4.86	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
29 Isopropyl ether	45	8.390	8.390	0.000	95	592065	NC	NC	
32 Tert-butyl ethyl ether	59	8.963	8.963	0.000	91	484298	NC	NC	
43 2-Butanone (MEK)	72	9.178	9.178	0.000	99	79480	5.00	5.33	
34 cis-1,2-Dichloroethene	61	9.243	9.235	0.008	66	290577	5.00	4.85	
38 Ethyl acetate	70	9.243	9.243	0.001	87	38853	NC	NC	
39 Methyl acrylate	55	9.329	9.321	0.008	90	299621	NC	NC	
* 35 Chlorobromomethane (IS)	130	9.615	9.608	0.007	90	352798	10.0	10.0	
41 Tetrahydrofuran	42	9.637	9.636	0.001	89	207165	5.00	4.80	
37 Chloroform	83	9.751	9.751	0.000	69	349064	5.00	4.83	
42 1,1,1-Trichloroethane	97	10.052	10.045	0.007	58	316101	5.00	4.96	
36 Cyclohexane	56	10.188	10.188	0.000	94	253119	5.00	5.03	
40 Carbon tetrachloride	117	10.303	10.303	0.000	69	311812	5.00	5.29	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.532	10.532	0.000	0	560002	NC	NC	
46 Benzene	78	10.597	10.589	0.008	93	508957	5.00	4.67	
48 1,2-Dichloroethane	62	10.654	10.654	0.000	91	243109	5.00	4.84	
47 Tert-amyl methyl ether	73	10.768	10.768	0.000	72	427542	NC	NC	
44 Isooctane	57	10.776	10.775	0.001	92	829898	5.00	4.98	
45 n-Heptane	71	11.026	11.019	0.007	96	166792	5.00	5.06	
* 50 1,4-Difluorobenzene	114	11.220	11.212	0.008	96	1347261	10.0	10.0	
49 Trichloroethene	130	11.585	11.585	0.000	91	199345	5.00	4.60	
52 Ethyl acrylate	55	11.635	11.635	0.000	98	388892	NC	NC	
53 1,2-Dichloropropane	63	11.929	11.929	0.000	77	211673	5.00	4.67	
55 Methyl methacrylate	69	11.943	11.943	0.000	91	175731	5.00	5.11	
56 1,4-Dioxane	88	11.993	11.993	0.000	95	85314	5.00	5.80	
51 Dibromomethane	174	12.044	12.043	0.001	80	173367	NC	NC	
54 Dichlorobromomethane	83	12.244	12.244	0.000	93	363163	5.00	4.57	
57 cis-1,3-Dichloropropene	75	12.745	12.745	0.000	90	299016	5.00	4.69	
60 4-Methyl-2-pentanone (MIBK)	43	12.867	12.867	0.000	98	445501	5.00	5.31	
\$ 103 Toluene-d8 (Surr)	98	13.054	13.053	0.001	92	1453229	NC	NC	
59 Toluene	91	13.132	13.125	0.007	96	592920	5.00	4.69	
58 n-Octane	43	13.240	13.240	0.000	88	446106	NC	NC	
62 trans-1,3-Dichloropropene	75	13.340	13.340	0.000	90	258614	5.00	5.10	
63 Ethyl methacrylate	69	13.369	13.368	0.001	91	300401	NC	NC	
64 1,1,2-Trichloroethane	97	13.548	13.548	0.000	86	205469	5.00	4.84	
61 Tetrachloroethene	166	13.670	13.662	0.008	93	248981	5.00	4.57	
67 2-Hexanone	43	13.720	13.719	0.001	99	427550	5.00	5.55	
65 Chlorodibromomethane	127	13.935	13.934	0.001	89	265019	5.00	4.86	
66 Ethylene Dibromide	107	14.064	14.063	0.001	97	306809	5.00	4.82	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	88	1228404	10.0	10.0	
69 Chlorobenzene	112	14.493	14.493	0.000	91	433275	5.00	4.52	
70 Ethylbenzene	91	14.558	14.558	0.000	71	728881	5.00	4.77	
71 1,1,1,2-Tetrachloroethane	131	14.558	14.558	0.000	46	227305	NC	NC	
72 m-Xylene & p-Xylene	91	14.665	14.665	0.000	96	570773	5.00	5.04	
73 o-Xylene	91	14.988	14.987	0.001	93	548070	5.00	4.87	
74 Styrene	104	15.002	15.002	0.000	90	395399	5.00	4.83	
75 Bromoform	173	15.174	15.174	0.000	93	294992	5.00	4.99	
76 Isopropylbenzene	105	15.267	15.267	0.000	97	721133	5.00	5.11	
79 1,1,2,2-Tetrachloroethane	83	15.482	15.482	0.000	59	447097	5.00	4.62	M
83 1,2,3-Trichloropropane	110	15.539	15.539	0.000	58	110441	NC	NC	
78 Bromobenzene	156	15.546	15.539	0.007	86	222645	NC	NC	
77 N-Propylbenzene	120	15.582	15.582	0.000	98	190305	5.00	4.97	
80 4-Ethyltoluene	105	15.661	15.661	0.000	86	744228	5.00	5.28	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
81 2-Chlorotoluene	126	15.668	15.668	0.000	90	177872	5.00	4.87	
82 1,3,5-Trimethylbenzene	105	15.697	15.696	0.001	66	569587	5.00	5.05	Ma
84 Alpha Methyl Styrene	118	15.861	15.861	0.000	91	265705	NC	NC	
85 tert-Butylbenzene	119	15.940	15.940	0.000	78	555658	5.00	4.94	M
86 1,2,4-Trimethylbenzene	105	15.983	15.983	0.000	97	583058	5.00	4.89	
87 sec-Butylbenzene	105	16.105	16.105	0.000	95	855347	5.00	5.00	
88 4-Isopropyltoluene	119	16.205	16.205	0.000	97	654902	5.00	4.83	
89 1,3-Dichlorobenzene	146	16.227	16.227	0.000	96	378448	5.00	4.79	
90 1,4-Dichlorobenzene	146	16.298	16.298	0.000	90	369990	5.00	4.65	
92 Benzyl chloride	126	16.370	16.370	0.000	84	86843	5.00	4.65	
91 n-Butylbenzene	92	16.506	16.506	0.000	98	358799	5.00	4.90	
94 1,2-Dichlorobenzene	146	16.578	16.578	0.000	95	349610	5.00	4.78	
93 Hexachloroethane	117	16.814	16.814	0.000	92	216926	NC	NC	
95 1,2-Dibromo-3-Chloropropane	157	17.179	17.179	0.000	76	173324	NC	NC	
97 1,2,4-Trichlorobenzene	180	17.881	17.881	0.000	94	255690	5.00	5.18	
96 Hexachlorobutadiene	225	17.975	17.974	0.001	86	207203	5.00	4.66	
98 Naphthalene	128	18.154	18.153	0.001	98	635230	5.80	5.42	
S 100 1,2-Dichloroethene, Total	61				0	537513	10.0	0	
S 109 1,3-Dichloropropene, Total	75				0		10.0	9.79	
S 101 Xylenes, Total	91				0	1118843	10.0	0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

AIRLCS10.0_00567

Amount Added: 100.00

Units: mL

AIRIS200 ppb_00521

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 11-Sep-2025 09:16:42

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X17.D

Injection Date: 08-Sep-2025 05:37:47

Instrument ID: HP8R004

Lims ID: ICV

Client ID:

Operator ID: AL109694

ALS Bottle#: 4

Worklist Smp#: 17

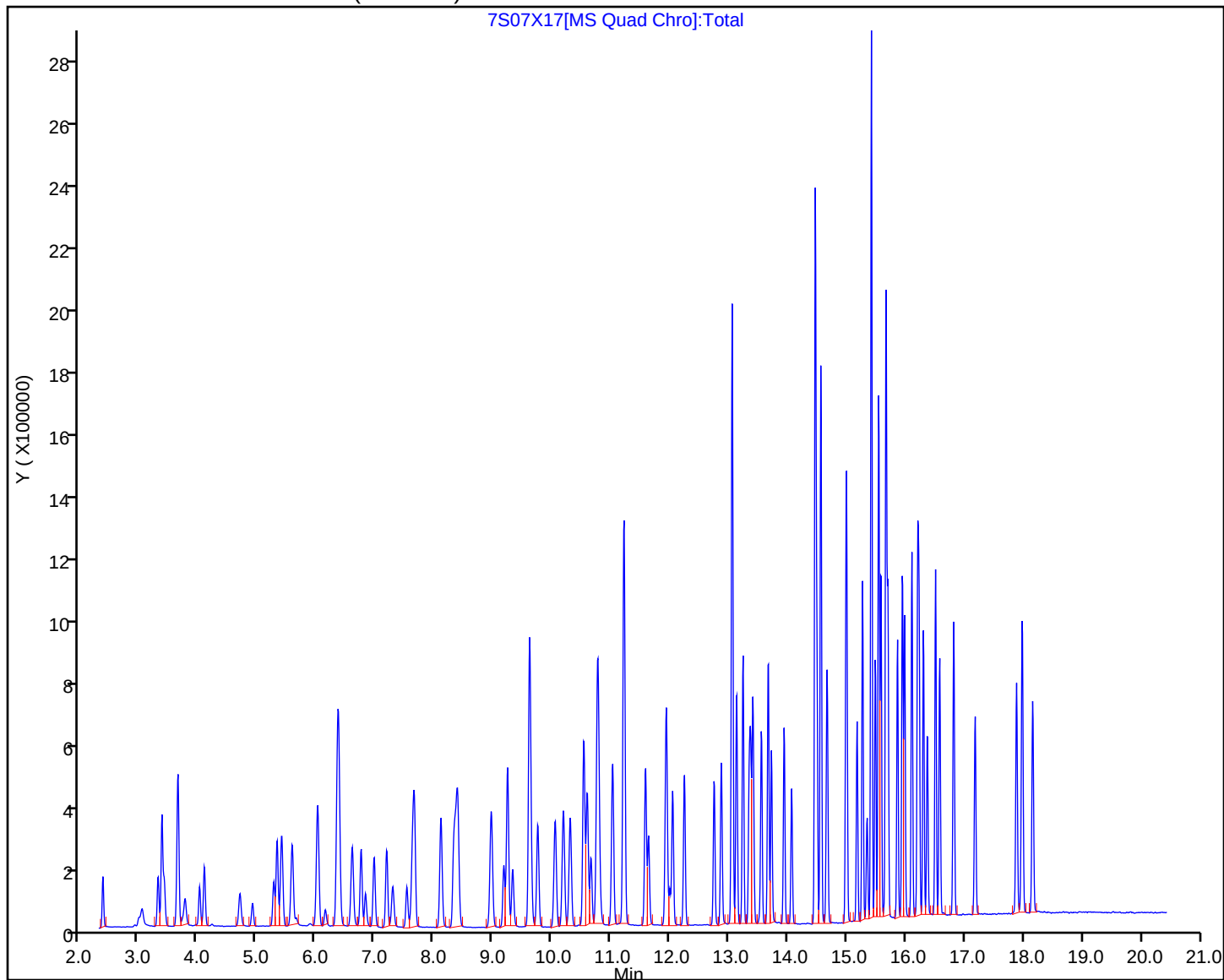
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

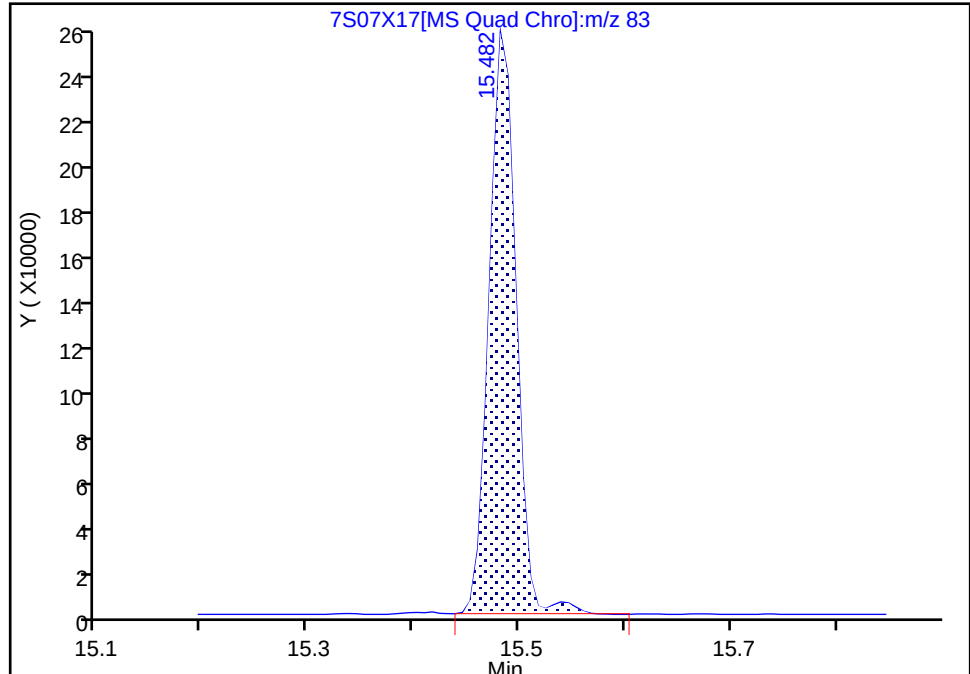
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Injection Date: 08-Sep-2025 05:37:47 Instrument ID: HP8R004
Lims ID: ICV
Client ID:
Operator ID: AL109694 ALS Bottle#: 4 Worklist Smp#: 17
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

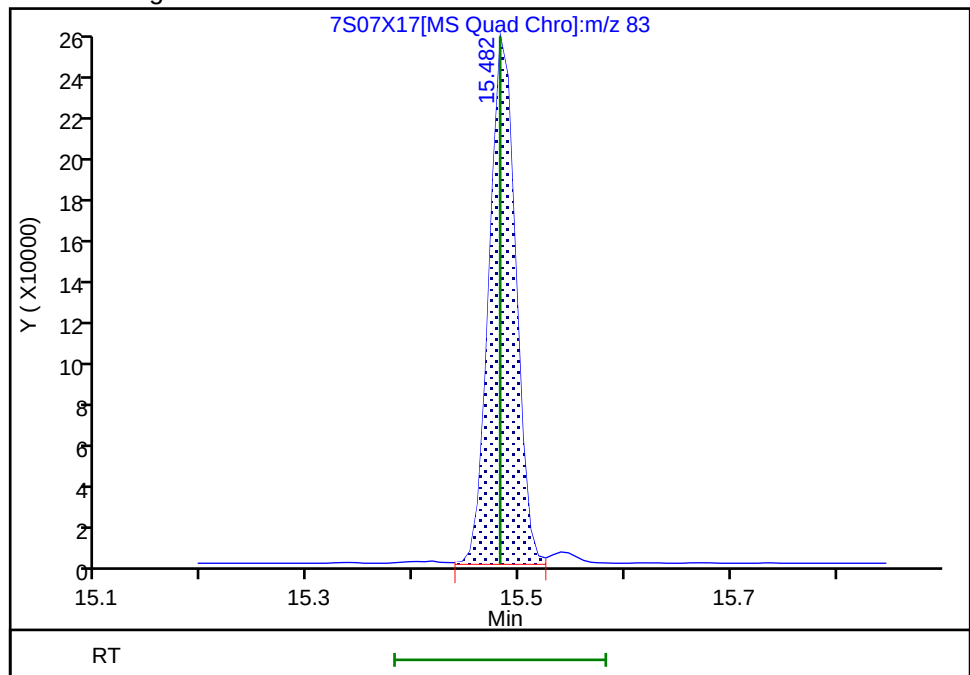
RT: 15.48
Area: 456327
Amount: 4.712405
Amount Units: ppb v/v

Processing Integration Results



RT: 15.48
Area: 447097
Amount: 4.617089
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 11:15:31 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

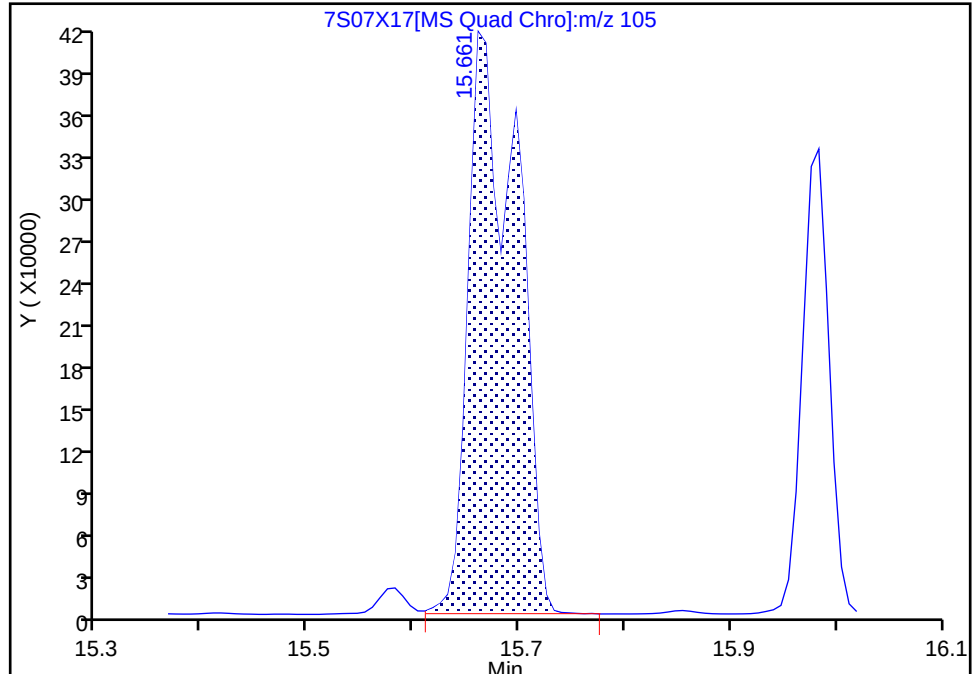
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X17.D
Injection Date: 08-Sep-2025 05:37:47 Instrument ID: HP8R004
Lims ID: ICV
Client ID:
Operator ID: AL109694 ALS Bottle#: 4 Worklist Smp#: 17
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

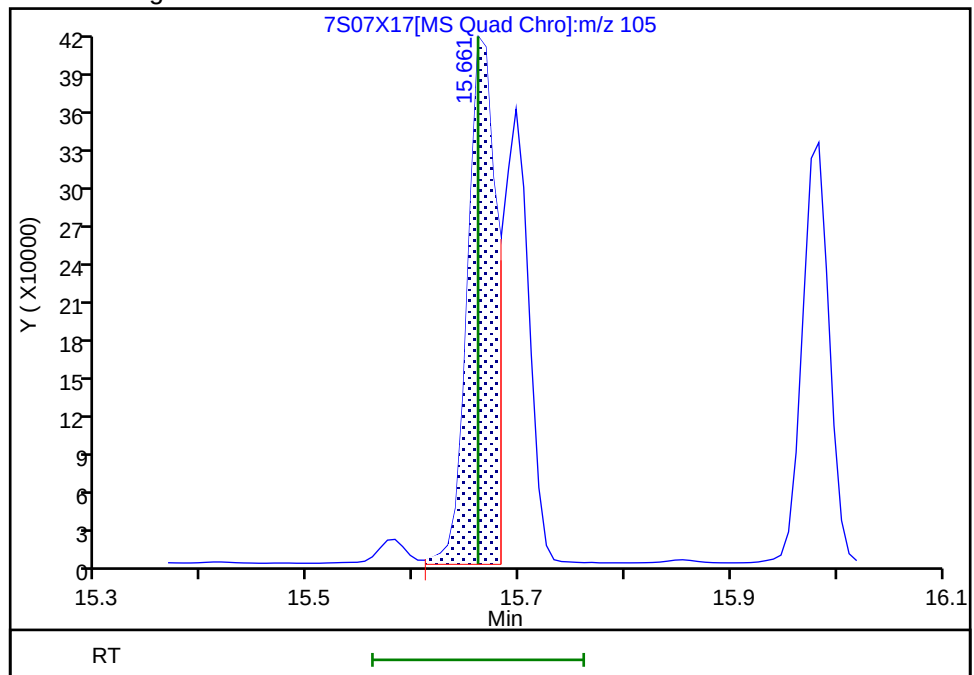
RT: 15.66
Area: 1313815
Amount: 8.724217
Amount Units: ppb v/v

Processing Integration Results



RT: 15.66
Area: 744228
Amount: 5.280871
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 19:45:57 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

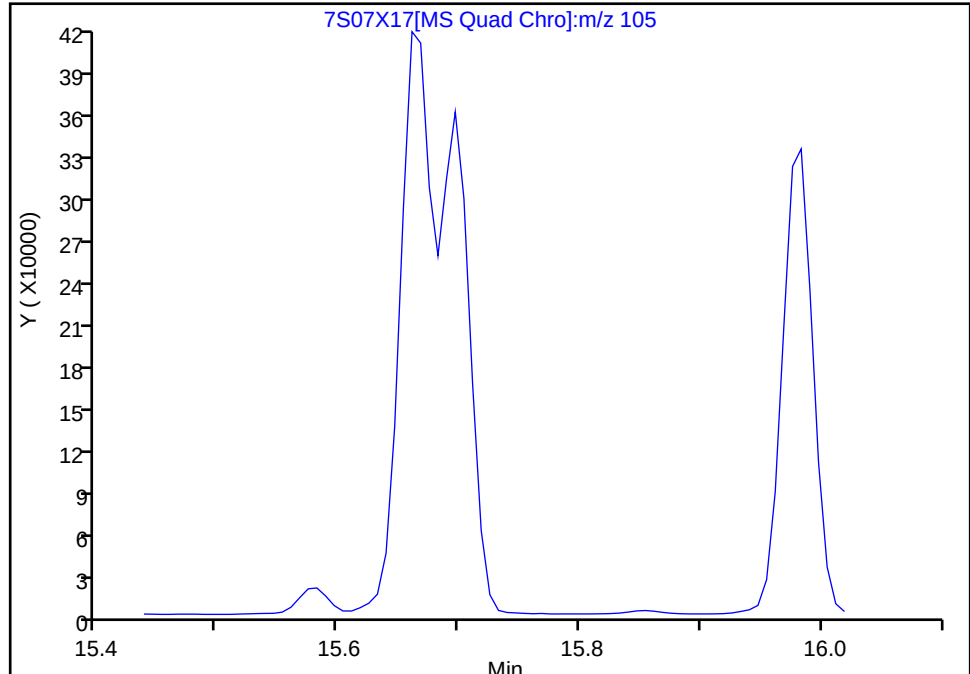
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X17.D
Injection Date: 08-Sep-2025 05:37:47 Instrument ID: HP8R004
Lims ID: ICV
Client ID:
Operator ID: AL109694 ALS Bottle#: 4 Worklist Smp#: 17
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

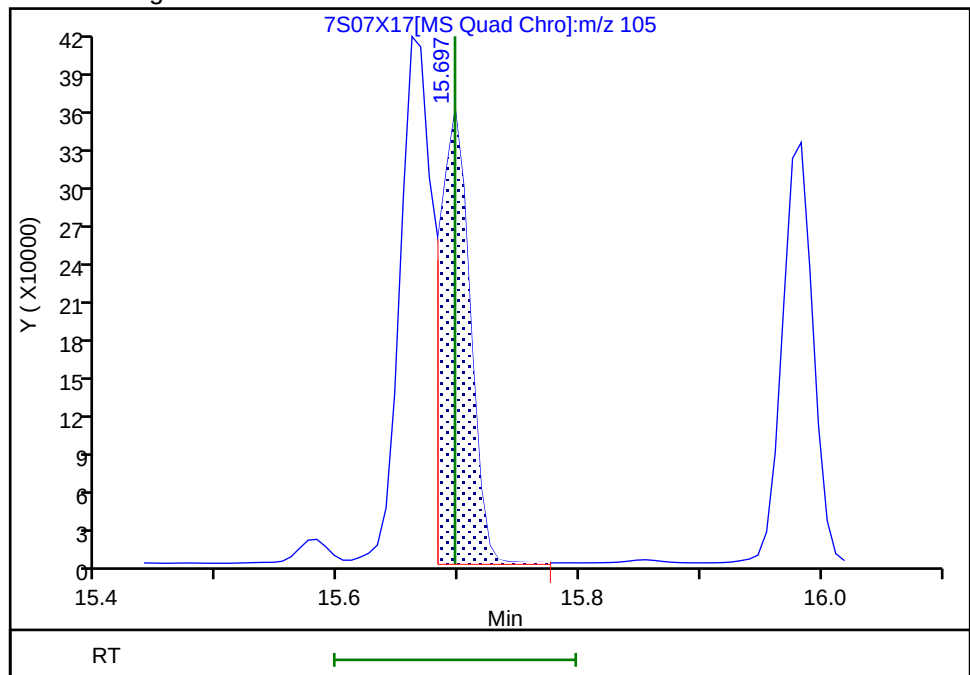
Not Detected
Expected RT: 15.70

Processing Integration Results



RT: 15.70
Area: 569587
Amount: 5.048660
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 09-Sep-2025 19:46:10 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

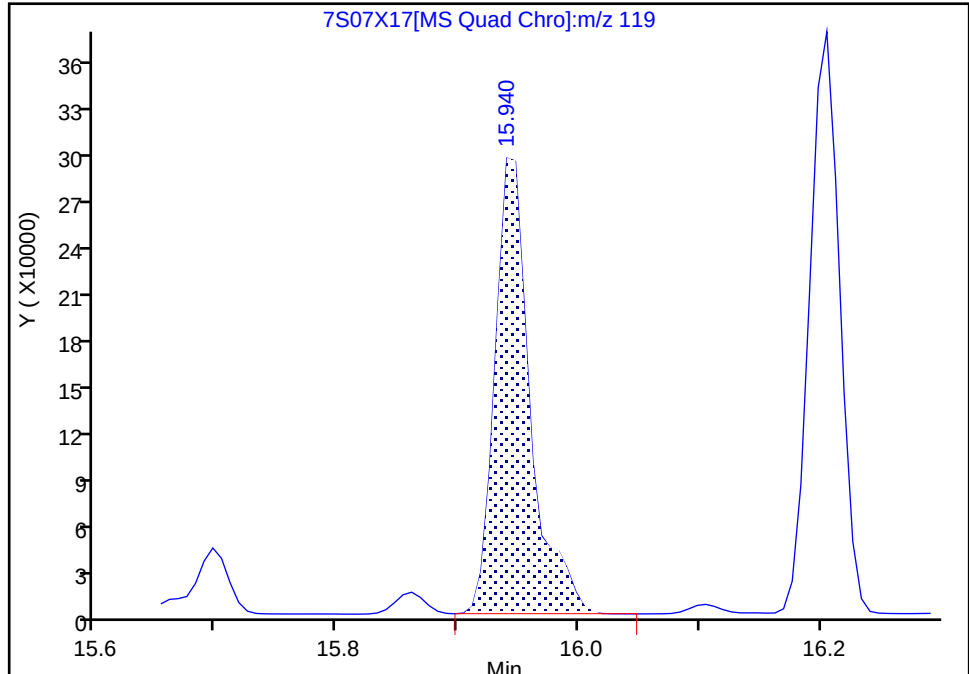
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Injection Date: 08-Sep-2025 05:37:47 Instrument ID: HP8R004
Lims ID: ICV
Client ID:
Operator ID: AL109694 ALS Bottle#: 4 Worklist Smp#: 17
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

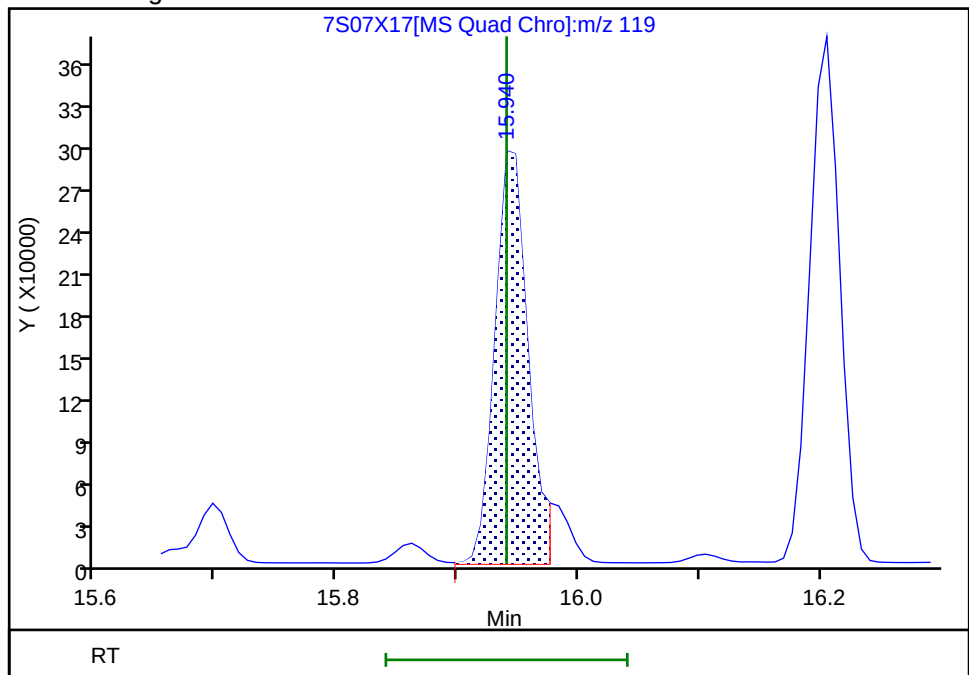
RT: 15.94
Area: 604884
Amount: 5.381698
Amount Units: ppb v/v

Processing Integration Results



RT: 15.94
Area: 555658
Amount: 4.943731
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 11:15:43 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Lab Sample ID: ICV 410-695447/18

Calibration Date: 09/08/2025 06:05

Instrument ID: HP8R004

Calib Start Date: 09/07/2025 22:59

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Calib End Date: 09/08/2025 02:41

Lab File ID: 7S07X18.D

Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butane	Ave	1.535	1.301		4.24	5.00	-15.3	30.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X18.D
 Lims ID: ICV Butane
 Client ID:
 Sample Type: ICV
 Inject. Date: 08-Sep-2025 06:05:53 ALS Bottle#: 7 Worklist Smp#: 18
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: ICV Butane
 Misc. Info.: 410-0158855-018
 Operator ID: AL109694 Instrument ID: HP8R004
 Sublist:
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 11-Sep-2025 09:16:41 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1694

First Level Reviewer: UKEK

Date: 11-Sep-2025 09:17:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
124 Butane	43	4.021	4.006	0.015	50	228201	5.00	4.24	Ma
* 35 Chlorobromomethane (IS)	130	9.622	9.608	0.014	90	350852	10.0	10.0	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.546	10.532	0.014	0	556876	NC	NC	
* 50 1,4-Difluorobenzene	114	11.227	11.212	0.015	96	1291316	10.0	10.0	
\$ 103 Toluene-d8 (Surr)	98	13.061	13.053	0.008	95	1410752	NC	NC	
* 68 Chlorobenzene-d5 (IS)	117	14.472	14.464	0.008	89	1212616	10.0	10.0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

AIRLCS10.0_00565

Amount Added: 100.00

Units: mL

AIRIS200 ppb_00521

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 11-Sep-2025 09:17:03

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X18.D

Injection Date: 08-Sep-2025 06:05:53

Instrument ID: HP8R004

Lims ID: ICV Butane

Client ID:

Operator ID: AL109694

ALS Bottle#:

7

Worklist Smp#:

18

Purge Vol: 200.000 mL

Dil. Factor:

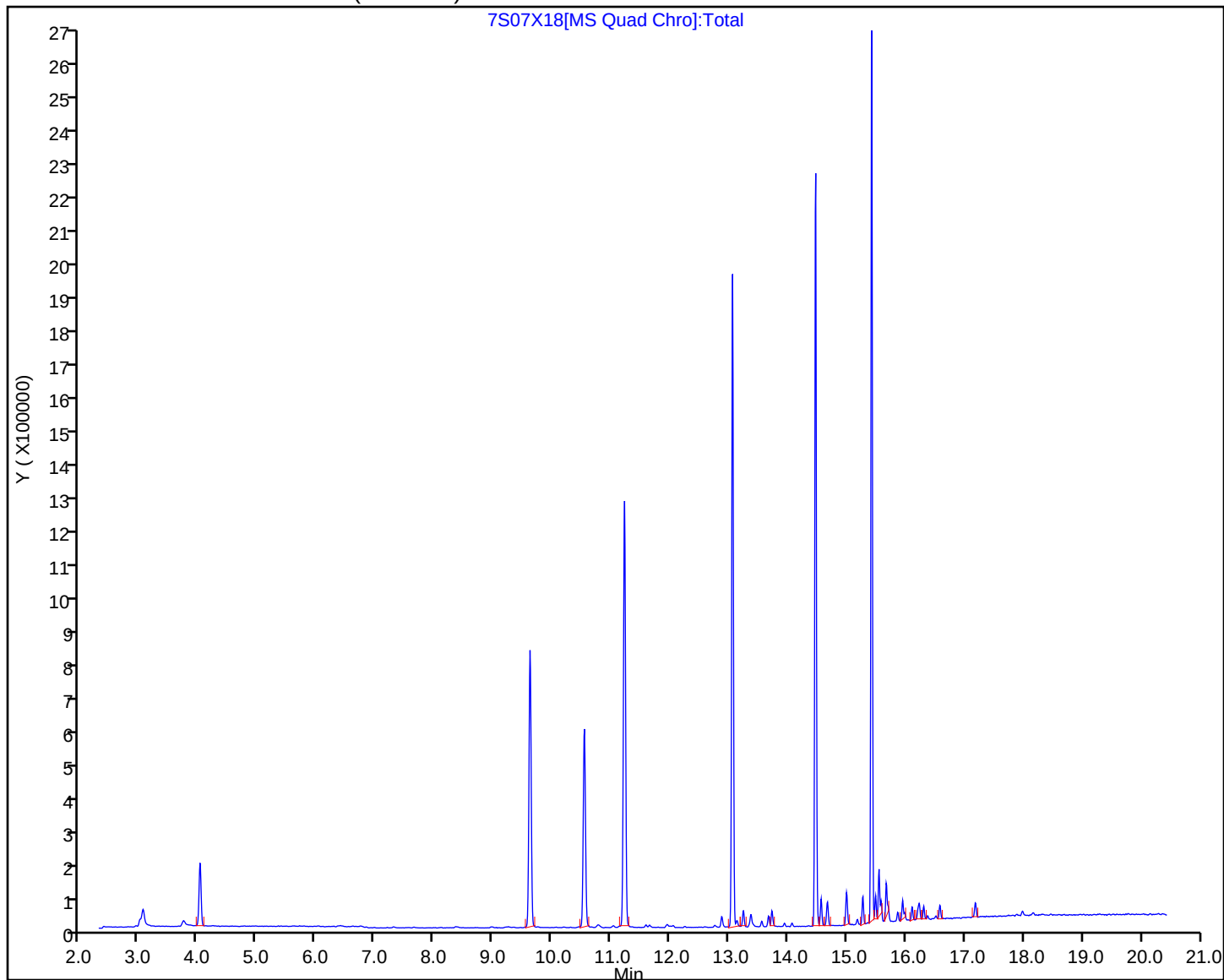
1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

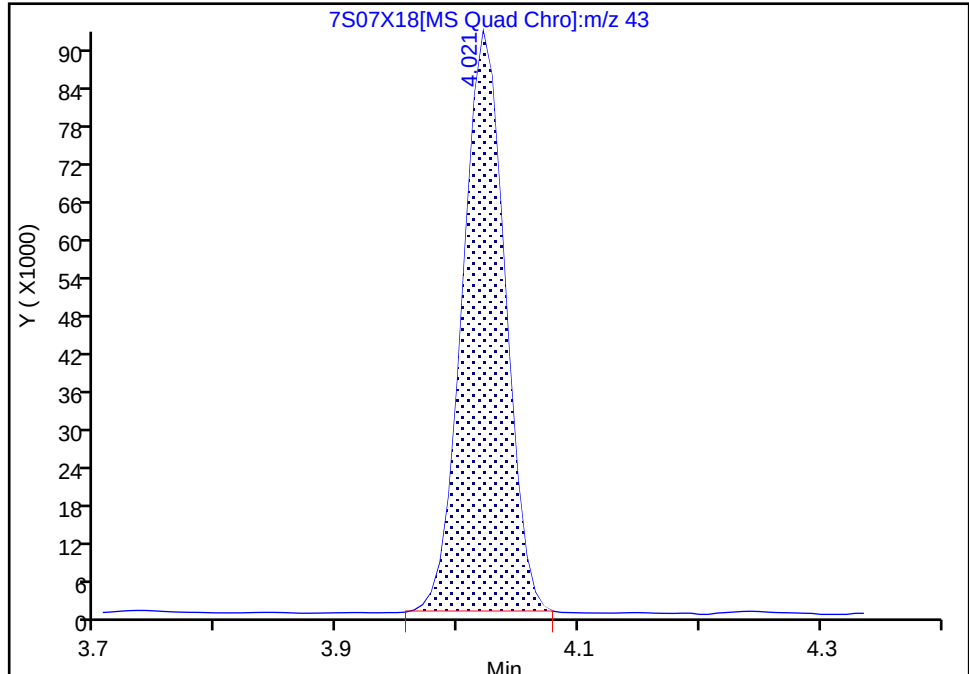
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X18.D
Injection Date: 08-Sep-2025 06:05:53 Instrument ID: HP8R004
Lims ID: ICV Butane
Client ID:
Operator ID: AL109694 ALS Bottle#: 7 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

124 Butane, CAS: 106-97-8

Signal: 1

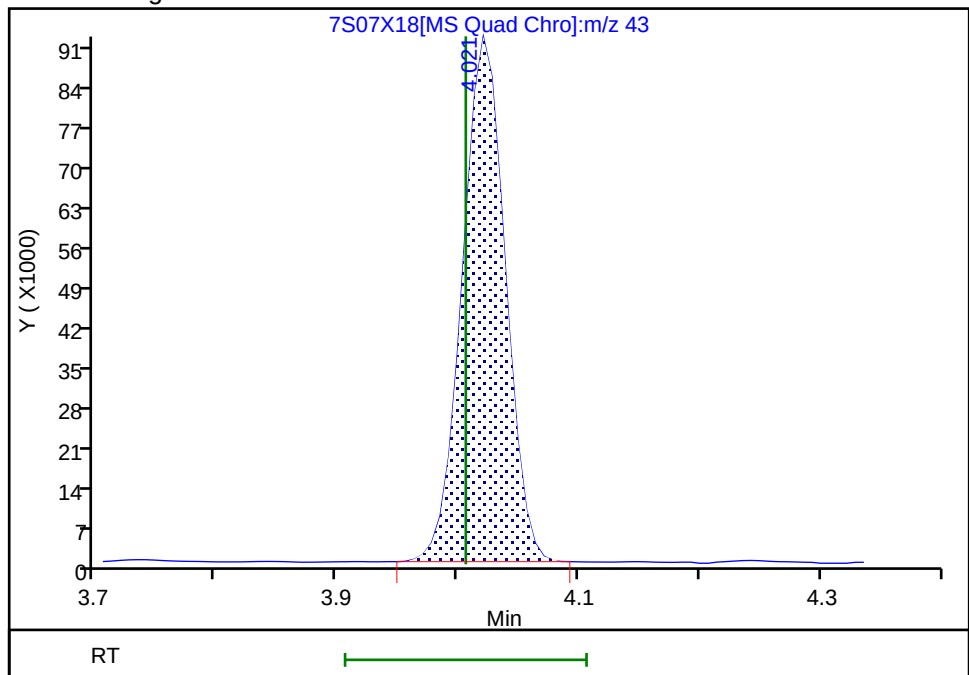
RT: 4.02
Area: 226329
Amount: 4.201381
Amount Units: ppb v/v

Processing Integration Results



RT: 4.02
Area: 228201
Amount: 4.236132
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 10-Sep-2025 11:10:48 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Lab Sample ID: CCVIS 410-709300/3

Calibration Date: 10/05/2025 15:22

Instrument ID: HP8R004

Calib Start Date: 09/07/2025 22:59

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Calib End Date: 09/08/2025 02:41

Lab File ID: 7005X02.D

Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	2.285	2.137		4.68	5.00	-6.5	30.0
Chlorodifluoromethane	Ave	1.293	1.260		4.87	5.00	-2.6	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.032	2.105		5.18	5.00	3.6	30.0
Chloromethane	Ave	0.8181	0.7838		4.79	5.00	-4.2	30.0
n-Butane	Ave	1.535	1.244		4.05	5.00	-19.0	30.0
Vinyl chloride	Ave	0.8328	0.8654		5.20	5.00	3.9	30.0
1,3-Butadiene	Ave	0.6457	0.6183		4.79	5.00	-4.2	30.0
Bromomethane	Ave	0.6204	0.6223		5.02	5.00	0.3	30.0
Chloroethane	Ave	0.5030	0.4396		4.37	5.00	-12.6	30.0
Bromoethene (Vinyl Bromide)	Ave	0.8069	0.7607		4.71	5.00	-5.7	30.0
Trichlorofluoromethane	Ave	2.081	2.020		4.85	5.00	-2.9	30.0
1,1-Dichloroethene	Ave	1.408	1.251		4.44	5.00	-11.2	30.0
1,1,2-Trichlorotrifluoroethane	Ave	1.038	1.009		4.86	5.00	-2.8	30.0
Acetone	Ave	1.486	1.288		4.33	5.00	-13.3	30.0
Isopropyl alcohol	Ave	1.100	0.9346		4.25	5.00	-15.0	30.0
Carbon disulfide	Ave	2.979	2.552		4.28	5.00	-14.3	30.0
3-Chloropropene	Ave	1.371	1.079		3.93	5.00	-21.3	30.0
Methylene Chloride	Ave	0.7881	0.6844		4.34	5.00	-13.2	30.0
tert-Butyl alcohol	Ave	0.9122	0.9204		5.75	5.70	0.9	30.0
Methyl tert-butyl ether	Ave	2.156	2.137		4.96	5.00	-0.9	30.0
trans-1,2-Dichloroethene	Ave	1.497	1.324		4.42	5.00	-11.6	30.0
n-Hexane	Ave	0.7723	0.6722		4.35	5.00	-13.0	30.0
1,1-Dichloroethane	Ave	1.825	1.588		4.35	5.00	-13.0	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.4225	0.4104		4.86	5.00	-2.9	30.0
cis-1,2-Dichloroethene	Ave	1.699	1.440		4.24	5.00	-15.2	30.0
Tetrahydrofuran	Ave	1.223	0.9922		4.06	5.00	-18.9	30.0
Chloroform	Ave	2.046	1.746		4.27	5.00	-14.7	30.0
1,1,1-Trichloroethane	Ave	1.805	1.645		4.56	5.00	-8.9	30.0
Cyclohexane	Ave	1.427	1.306		4.58	5.00	-8.5	30.0
Carbon tetrachloride	Ave	1.671	1.613		4.83	5.00	-3.5	30.0
Benzene	Ave	0.8084	0.6909		4.27	5.00	-14.5	30.0
1,2-Dichloroethane	Ave	0.3728	0.3051		4.09	5.00	-18.1	30.0
2,2,4-Trimethylpentane	Ave	1.237	1.132		4.57	5.00	-8.5	30.0
n-Heptane	Ave	0.2445	0.2241		4.58	5.00	-8.3	30.0
Trichloroethene	Ave	0.3218	0.2730		4.24	5.00	-15.2	30.0
1,2-Dichloropropane	Ave	0.3365	0.2788		4.14	5.00	-17.2	30.0
Methyl methacrylate	Ave	0.2554	0.2253		4.41	5.00	-11.8	30.0
1,4-Dioxane	Ave	0.1093	0.1029		4.71	5.00	-5.8	30.0
Bromodichloromethane	Ave	0.5892	0.4780		4.06	5.00	-18.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Lab Sample ID: CCVIS 410-709300/3

Calibration Date: 10/05/2025 15:22

Instrument ID: HP8R004

Calib Start Date: 09/07/2025 22:59

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Calib End Date: 09/08/2025 02:41

Lab File ID: 7005X02.D

Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,3-Dichloropropene	Ave	0.4734	0.3909		4.13	5.00	-17.4	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.6227	0.5326		4.28	5.00	-14.5	30.0
Toluene	Ave	1.030	0.9027		4.38	5.00	-12.3	30.0
trans-1,3-Dichloropropene	Ave	0.4129	0.3532		4.28	5.00	-14.4	30.0
1,1,2-Trichloroethane	Ave	0.3457	0.3027		4.38	5.00	-12.4	30.0
Tetrachloroethene	Ave	0.4436	0.3790		4.27	5.00	-14.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.6271	0.5534		4.41	5.00	-11.8	30.0
Dibromochloromethane	Ave	0.4442	0.3811		4.29	5.00	-14.2	30.0
1,2-Dibromoethane	Ave	0.5186	0.4446		4.29	5.00	-14.3	30.0
Chlorobenzene	Ave	0.7797	0.6532		4.19	5.00	-16.2	30.0
Ethylbenzene	Ave	1.243	1.095		4.40	5.00	-12.0	30.0
m,p-Xylene	Ave	0.9225	0.8026		8.70	10.0	-13.0	30.0
o-Xylene	Ave	0.9170	0.8359		4.56	5.00	-8.8	30.0
Styrene	Ave	0.6662	0.5911		4.44	5.00	-11.3	30.0
Bromoform	Ave	0.4811	0.4131		4.29	5.00	-14.1	30.0
Cumene	Ave	1.148	1.090		4.75	5.00	-5.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7883	0.6330		4.02	5.00	-19.7	30.0
N-Propylbenzene	Ave	0.3117	0.2949		4.73	5.00	-5.4	30.0
4-Ethyltoluene	Ave	1.147	1.004		4.38	5.00	-12.4	30.0
2-Chlorotoluene	Ave	0.2976	0.2666		4.48	5.00	-10.4	30.0
1,3,5-Trimethylbenzene	Ave	0.9184	0.9679		5.27	5.00	5.4	30.0
tert-Butylbenzene	Ave	0.9150	0.9459		5.17	5.00	3.4	30.0
1,2,4-Trimethylbenzene	Ave	0.9706	0.9103		4.69	5.00	-6.2	30.0
sec-Butylbenzene	Ave	1.392	1.300		4.67	5.00	-6.6	30.0
4-Isopropyltoluene	Ave	1.105	1.032		4.67	5.00	-6.6	30.0
1,3-Dichlorobenzene	Ave	0.6435	0.5721		4.44	5.00	-11.1	30.0
1,4-Dichlorobenzene	Ave	0.6474	0.5675		4.38	5.00	-12.3	30.0
Benzyl chloride	Ave	0.1519	0.1299		4.27	5.00	-14.5	30.0
n-Butylbenzene	Ave	0.5964	0.5302		4.45	5.00	-11.1	30.0
1,2-Dichlorobenzene	Ave	0.5956	0.5320		4.47	5.00	-10.7	30.0
1,2,4-Trichlorobenzene	Ave	0.4020	0.3716		4.62	5.00	-7.6	30.0
Hexachlorobutadiene	Ave	0.3620	0.3244		4.48	5.00	-10.4	30.0
Naphthalene	Ave	0.9549	0.8355		4.37	5.00	-12.5	30.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X02.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 05-Oct-2025 15:22:26 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 410-0162026-003
 Operator ID: AL109694 Instrument ID: HP8R004
 Sublist: chrom-TO15LLMethods_HP8R004*sub2
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 06-Oct-2025 09:07:00 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1612

First Level Reviewer: JXC9

Date: 05-Oct-2025 15:47:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.311	3.311	0.000	97	124916	NC	NC	
2 Dichlorodifluoromethane	85	3.376	3.376	0.000	87	397705	5.00	4.68	
3 Chlorodifluoromethane	51	3.411	3.411	0.000	73	234472	5.00	4.87	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.648	3.648	0.000	99	391864	5.00	5.18	
5 Chloromethane	50	3.770	3.770	0.000	99	145879	5.00	4.79	
124 Butane	43	4.006	4.006	0.000	99	231521	5.00	4.05	
6 Vinyl chloride	62	4.013	4.013	0.000	76	161062	5.00	5.20	
7 Butadiene	54	4.099	4.099	0.000	94	115084	5.00	4.79	
8 Bromomethane	94	4.701	4.701	0.000	91	115822	5.00	5.02	
9 Chloroethane	64	4.916	4.916	0.000	95	81816	5.00	4.37	
10 Vinyl bromide	106	5.274	5.274	0.000	97	141575	5.00	4.71	
13 Dichlorofluoromethane	67	5.331	5.331	0.000	82	354037	NC	NC	
12 Trichlorofluoromethane	101	5.410	5.410	0.000	87	375952	5.00	4.85	
11 Pentane	43	5.589	5.589	0.000	96	270810	NC	NC	
14 Ethanol	45	5.661	5.661	0.000	49	38111	NC	NC	
19 Acrolein	56	6.148	6.148	0.000	74	63115	NC	NC	
15 1,1-Dichloroethene	61	6.348	6.348	0.000	87	232806	5.00	4.44	
16 1,1,2-Trichloro-1,2,2-trifluoroe	103	6.370	6.370	0.000	88	187739	5.00	4.86	
23 Acetone	43	6.377	6.377	0.000	97	239674	5.00	4.33	
20 Isopropyl alcohol	45	6.592	6.592	0.000	92	173953	5.00	4.25	
18 Iodomethane	142	6.613	6.613	0.000	99	297104	NC	NC	
17 Carbon disulfide	76	6.757	6.757	0.000	99	474996	5.00	4.28	
28 Acetonitrile	41	6.828	6.828	0.000	98	142613	NC	NC	
21 3-Chloro-1-propene	41	6.979	6.979	0.000	91	200789	5.00	3.93	
22 Methylene Chloride	84	7.194	7.194	0.000	92	127375	5.00	4.34	
27 2-Methyl-2-propanol	59	7.294	7.294	0.000	98	195284	5.70	5.75	
31 Acrylonitrile	53	7.530	7.530	0.000	99	139787	NC	NC	
26 Methyl tert-butyl ether	73	7.631	7.631	0.000	90	397762	5.00	4.96	
24 trans-1,2-Dichloroethene	61	7.659	7.659	0.000	92	246358	5.00	4.42	
25 Hexane	56	8.110	8.110	0.000	94	125103	5.00	4.35	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Vinyl acetate	86	8.325	8.325	0.000	97	32673	NC	NC	
30 1,1-Dichloroethane	63	8.354	8.354	0.000	85	295611	5.00	4.35	
29 Isopropyl ether	45	8.397	8.397	0.000	94	544677	NC	NC	
32 Tert-butyl ethyl ether	59	8.970	8.970	0.000	91	466209	NC	NC	
43 2-Butanone (MEK)	72	9.185	9.185	0.000	100	76376	5.00	4.86	
34 cis-1,2-Dichloroethene	61	9.242	9.242	0.000	67	268045	5.00	4.24	
38 Ethyl acetate	70	9.249	9.249	0.000	88	39091	NC	NC	
39 Methyl acrylate	55	9.328	9.328	0.000	90	281240	NC	NC	
* 35 Chlorobromomethane (IS)	130	9.615	9.615	0.000	93	372235	10.0	10.0	
41 Tetrahydrofuran	42	9.643	9.643	0.000	88	184668	5.00	4.06	
37 Chloroform	83	9.758	9.758	0.000	69	324998	5.00	4.27	
42 1,1,1-Trichloroethane	97	10.052	10.052	0.000	59	306146	5.00	4.56	
36 Cyclohexane	56	10.195	10.195	0.000	94	243151	5.00	4.58	
40 Carbon tetrachloride	117	10.310	10.310	0.000	69	300206	5.00	4.83	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.539	10.539	0.000	0	554992	NC	NC	
46 Benzene	78	10.596	10.596	0.000	96	495300	5.00	4.27	
48 1,2-Dichloroethane	62	10.661	10.661	0.000	86	218764	5.00	4.09	
47 Tert-amyl methyl ether	73	10.775	10.775	0.000	73	421968	NC	NC	
44 Isooctane	57	10.782	10.782	0.000	94	811454	5.00	4.57	
45 n-Heptane	71	11.026	11.026	0.000	95	160685	5.00	4.58	
* 50 1,4-Difluorobenzene	114	11.219	11.219	0.000	95	1433836	10.0	10.0	
49 Trichloroethene	130	11.585	11.585	0.000	92	195702	5.00	4.24	
52 Ethyl acrylate	55	11.642	11.642	0.000	98	333908	NC	NC	
53 1,2-Dichloropropane	63	11.928	11.928	0.000	84	199853	5.00	4.14	
55 Methyl methacrylate	69	11.950	11.950	0.000	90	161486	5.00	4.41	
56 1,4-Dioxane	88	12.000	12.000	0.000	84	73762	5.00	4.71	
51 Dibromomethane	174	12.050	12.050	0.000	83	173234	NC	NC	
54 Dichlorobromomethane	83	12.244	12.244	0.000	93	342665	5.00	4.06	
57 cis-1,3-Dichloropropene	75	12.752	12.752	0.000	90	280214	5.00	4.13	
60 4-Methyl-2-pentanone (MIBK)	43	12.874	12.874	0.000	98	381829	5.00	4.28	
\$ 103 Toluene-d8 (Surr)	98	13.060	13.060	0.000	93	1516867	NC	NC	
59 Toluene	91	13.132	13.132	0.000	96	585402	5.00	4.38	
58 n-Octane	43	13.239	13.239	0.000	88	409645	NC	NC	
62 trans-1,3-Dichloropropene	75	13.347	13.347	0.000	96	229079	5.00	4.28	
63 Ethyl methacrylate	69	13.368	13.368	0.000	85	261405	NC	NC	
64 1,1,2-Trichloroethane	97	13.554	13.554	0.000	90	196297	5.00	4.38	
61 Tetrachloroethene	166	13.669	13.669	0.000	87	245766	5.00	4.27	
67 2-Hexanone	43	13.726	13.726	0.000	99	358891	5.00	4.41	
65 Chlorodibromomethane	127	13.941	13.941	0.000	89	247136	5.00	4.29	
66 Ethylene Dibromide	107	14.070	14.070	0.000	98	288297	5.00	4.29	
* 68 Chlorobenzene-d5 (IS)	117	14.471	14.471	0.000	86	1297001	10.0	10.0	
69 Chlorobenzene	112	14.493	14.493	0.000	92	423623	5.00	4.19	
70 Ethylbenzene	91	14.564	14.564	0.000	69	709823	5.00	4.40	
71 1,1,1,2-Tetrachloroethane	131	14.564	14.564	0.000	51	213163	NC	NC	
72 m-Xylene & p-Xylene	91	14.672	14.672	0.000	97	1040919	10.0	8.70	
73 o-Xylene	91	14.987	14.987	0.000	95	542060	5.00	4.56	
74 Styrene	104	15.001	15.001	0.000	87	383322	5.00	4.44	
75 Bromoform	173	15.180	15.180	0.000	95	267879	5.00	4.29	
76 Isopropylbenzene	105	15.274	15.274	0.000	96	706737	5.00	4.75	
79 1,1,2,2-Tetrachloroethane	83	15.488	15.488	0.000	61	410525	5.00	4.02	M
83 1,2,3-Trichloropropane	110	15.546	15.546	0.000	55	100528	NC	NC	
78 Bromobenzene	156	15.546	15.546	0.000	86	223683	NC	NC	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
77 N-Propylbenzene	120	15.582	15.582	0.000	93	191268	5.00	4.73	
80 4-Ethyltoluene	105	15.668	15.668	0.000	92	651416	5.00	4.38	M
81 2-Chlorotoluene	126	15.675	15.675	0.000	92	172881	5.00	4.48	
82 1,3,5-Trimethylbenzene	105	15.703	15.703	0.000	64	627676	5.00	5.27	Ma
84 Alpha Methyl Styrene	118	15.861	15.861	0.000	91	275178	NC	NC	
85 tert-Butylbenzene	119	15.947	15.947	0.000	89	613443	5.00	5.17	
86 1,2,4-Trimethylbenzene	105	15.983	15.983	0.000	94	590346	5.00	4.69	
87 sec-Butylbenzene	105	16.105	16.105	0.000	95	843296	5.00	4.67	
88 4-Isopropyltoluene	119	16.205	16.205	0.000	93	668950	5.00	4.67	
89 1,3-Dichlorobenzene	146	16.233	16.233	0.000	97	370997	5.00	4.44	
90 1,4-Dichlorobenzene	146	16.305	16.305	0.000	92	368038	5.00	4.38	
92 Benzyl chloride	126	16.370	16.370	0.000	83	84230	5.00	4.27	
91 n-Butylbenzene	92	16.506	16.506	0.000	98	343847	5.00	4.45	
94 1,2-Dichlorobenzene	146	16.577	16.577	0.000	94	345023	5.00	4.47	
93 Hexachloroethane	117	16.821	16.821	0.000	94	215686	NC	NC	
95 1,2-Dibromo-3-Chloropropane	157	17.186	17.186	0.000	80	155483	NC	NC	
97 1,2,4-Trichlorobenzene	180	17.888	17.888	0.000	94	240955	5.00	4.62	
96 Hexachlorobutadiene	225	17.981	17.981	0.000	93	210344	5.00	4.48	
98 Naphthalene	128	18.160	18.160	0.000	97	541842	5.00	4.37	
S 100 1,2-Dichloroethene, Total	61				0	514403	10.0	0	
S 109 1,3-Dichloropropene, Total	75				0		10.0	8.41	
S 101 Xylenes, Total	91				0	1582979	15.0	0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

AIRCAL10.0_00621

Amount Added: 100.00

Units: mL

AIRIS200 ppb_00532

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 06-Oct-2025 09:07:01

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X02.D

Injection Date: 05-Oct-2025 15:22:26

Instrument ID: HP8R004

Lims ID: CCVIS

Client ID:

Operator ID: AL109694

ALS Bottle#: 2

Worklist Smp#: 3

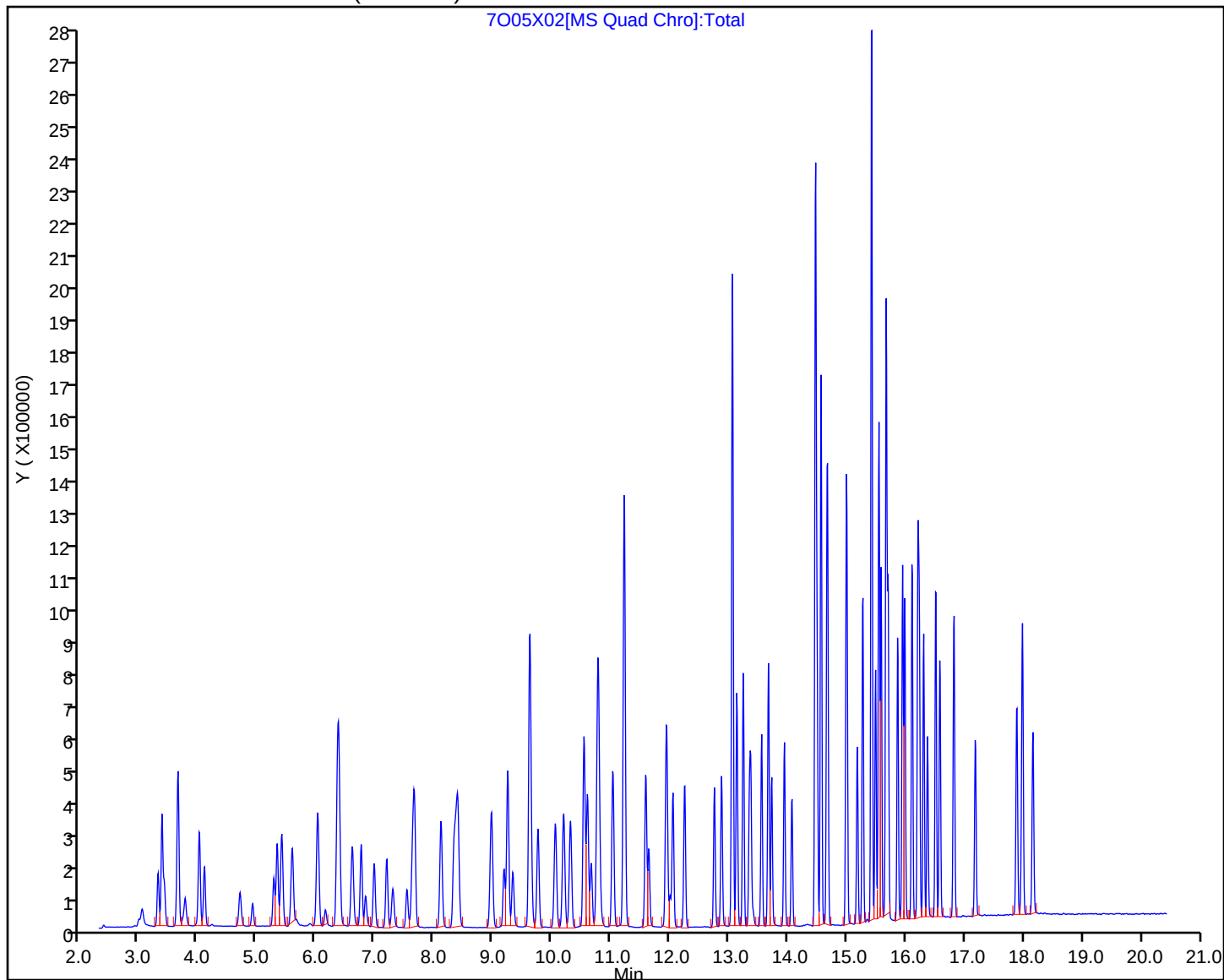
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

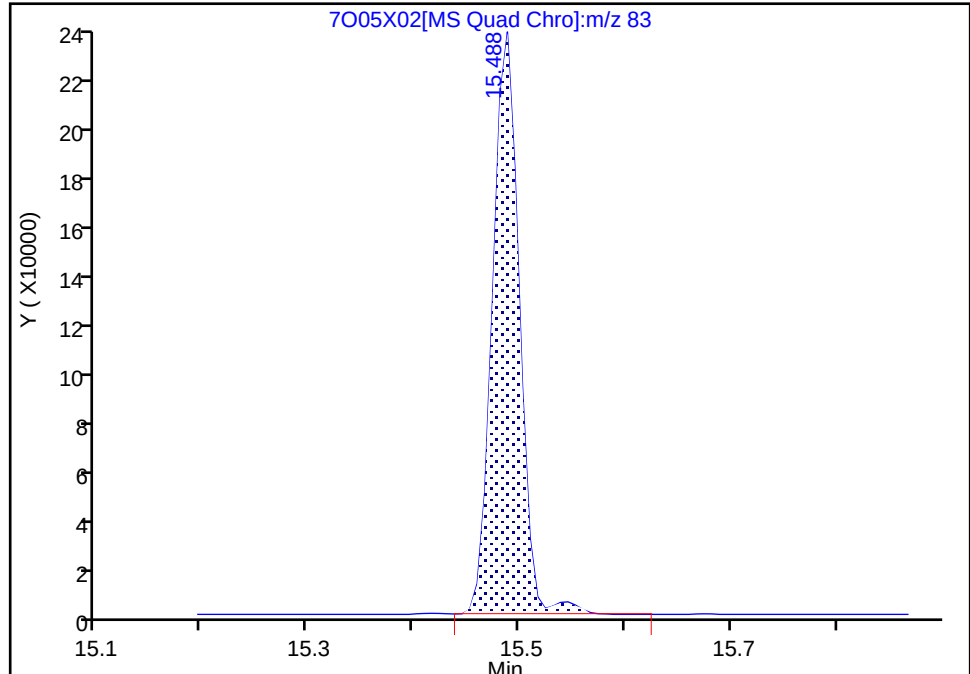
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Injection Date: 05-Oct-2025 15:22:26 Instrument ID: HP8R004
Lims ID: CCVIS
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

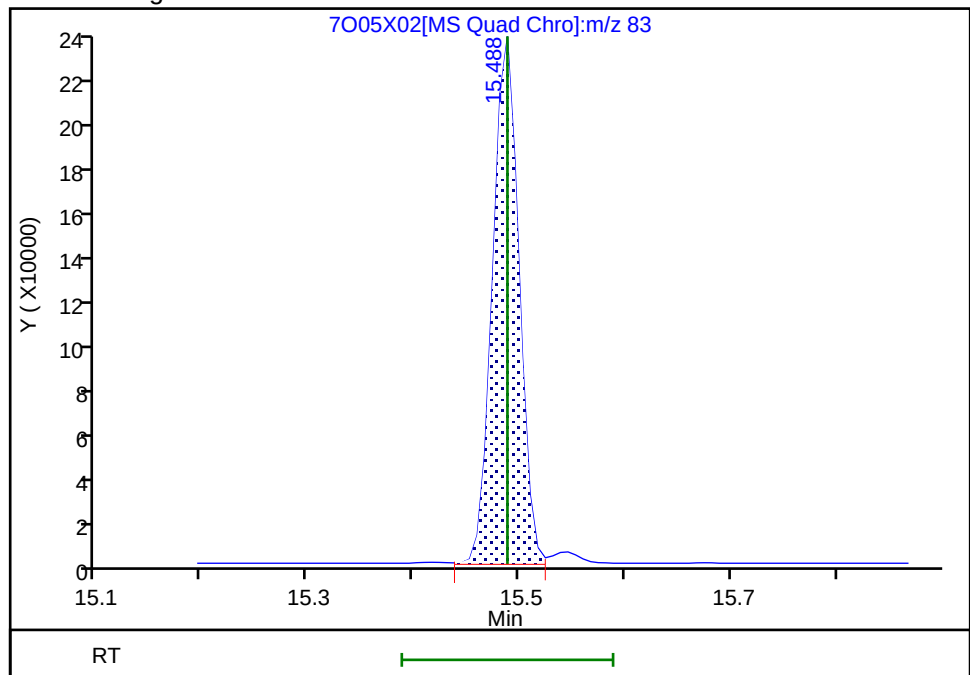
RT: 15.49
Area: 419747
Amount: 4.105395
Amount Units: ppb v/v

Processing Integration Results



RT: 15.49
Area: 410525
Amount: 4.015198
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 05-Oct-2025 15:46:41 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

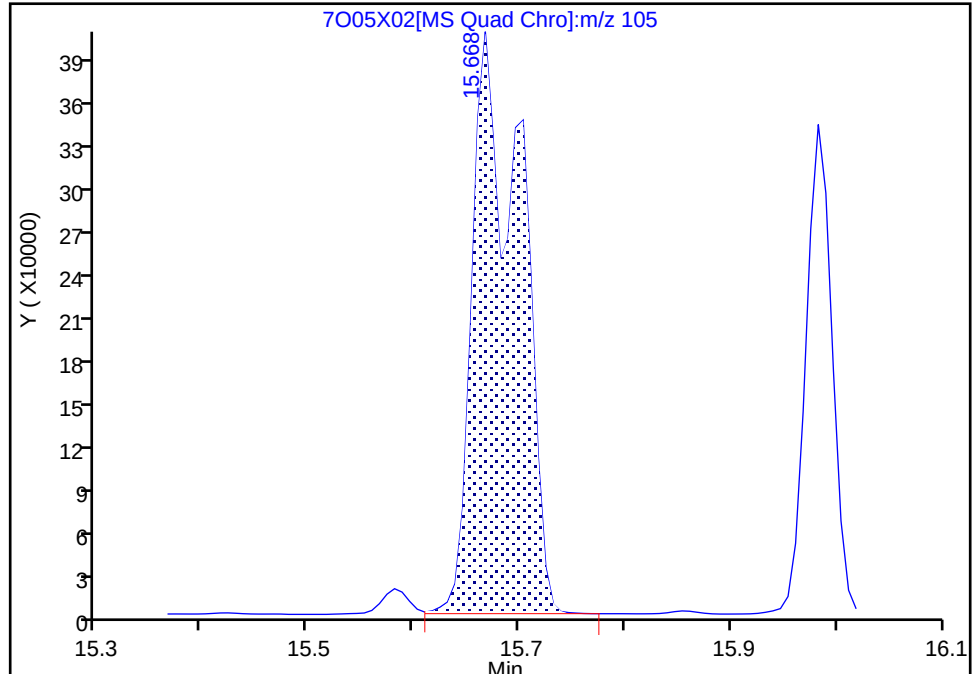
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Injection Date: 05-Oct-2025 15:22:26 Instrument ID: HP8R004
Lims ID: CCVIS
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

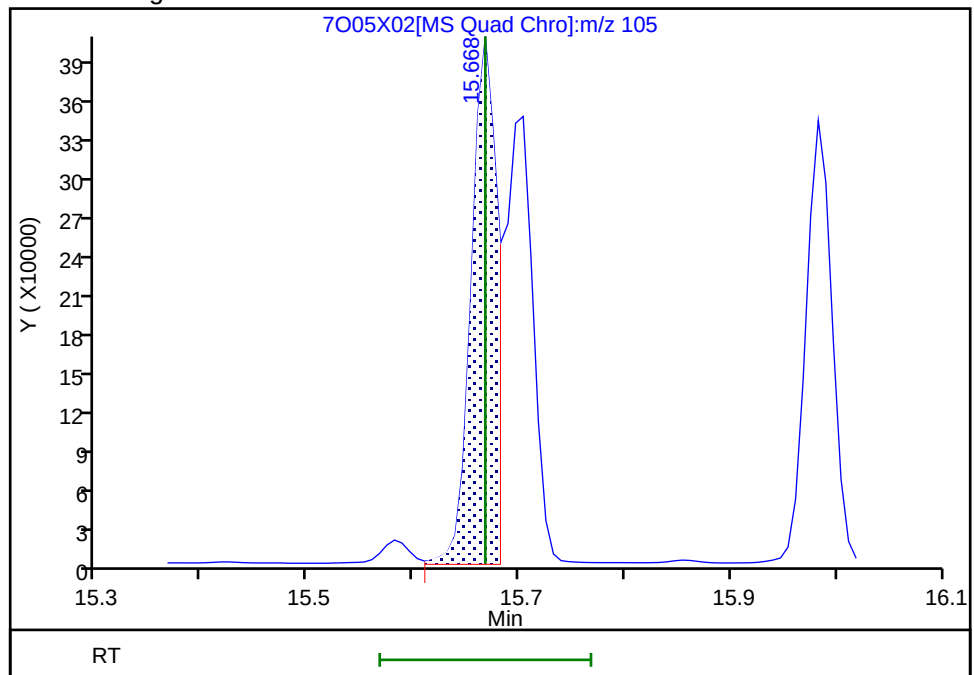
RT: 15.67
Area: 1279093
Amount: 8.596123
Amount Units: ppb v/v

Processing Integration Results



RT: 15.67
Area: 651416
Amount: 4.377830
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 05-Oct-2025 15:46:53 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

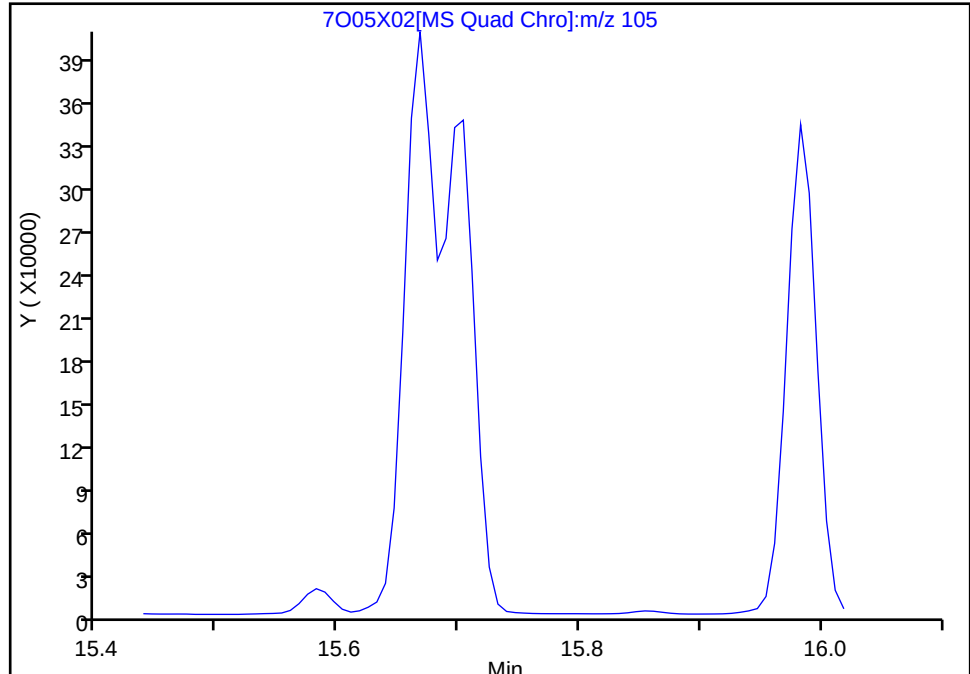
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X02.D
Injection Date: 05-Oct-2025 15:22:26 Instrument ID: HP8R004
Lims ID: CCVIS
Client ID:
Operator ID: AL109694 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

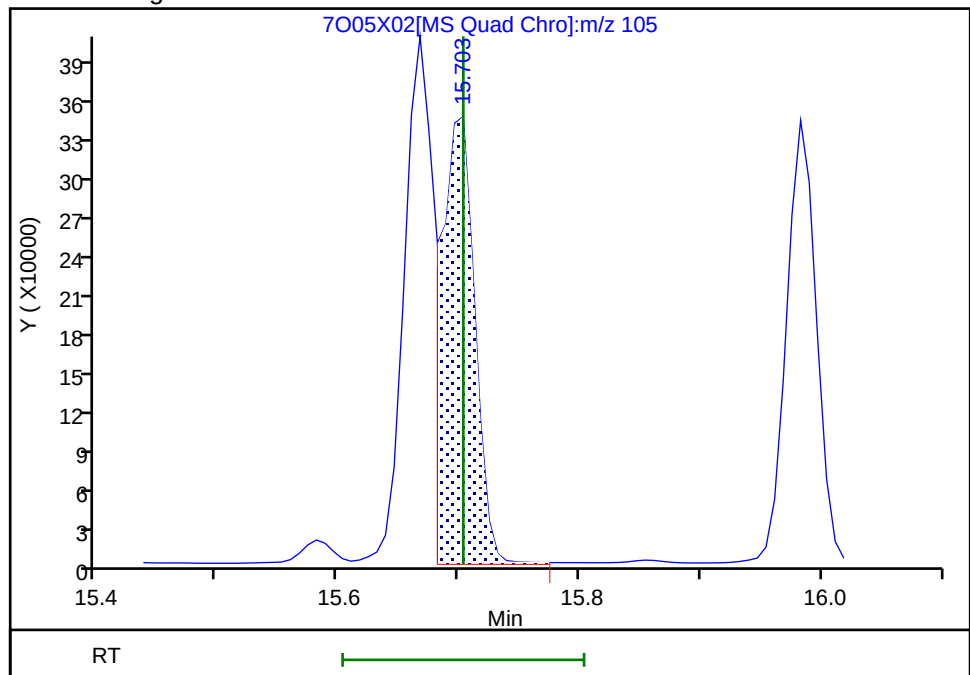
Not Detected
Expected RT: 15.70

Processing Integration Results



Manual Integration Results

RT: 15.70
Area: 627676
Amount: 5.269295
Amount Units: ppb v/v



Reviewer: JXC9, 05-Oct-2025 15:47:01 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Lab Sample ID: CCVIS 410-709592/3

Calibration Date: 10/06/2025 12:53

Instrument ID: HP8R004

Calib Start Date: 09/07/2025 22:59

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Calib End Date: 09/08/2025 02:41

Lab File ID: 7006X02.D

Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	2.285	2.172		4.75	5.00	-4.9	30.0
Chlorodifluoromethane	Ave	1.293	1.250		4.83	5.00	-3.4	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.032	2.107		5.18	5.00	3.7	30.0
Chloromethane	Ave	0.8181	0.5898		3.60	5.00	-27.9	30.0
n-Butane	Ave	1.535	1.223		3.98	5.00	-20.3	30.0
Vinyl chloride	Ave	0.8328	0.8330		5.00	5.00	0.0	30.0
1,3-Butadiene	Ave	0.6457	0.5925		4.59	5.00	-8.2	30.0
Bromomethane	Ave	0.6204	0.6246		5.03	5.00	0.7	30.0
Chloroethane	Ave	0.5030	0.4250		4.22	5.00	-15.5	30.0
Bromoethene (Vinyl Bromide)	Ave	0.8069	0.7381		4.57	5.00	-8.5	30.0
Trichlorofluoromethane	Ave	2.081	2.106		5.06	5.00	1.2	30.0
1,1-Dichloroethene	Ave	1.408	1.206		4.28	5.00	-14.4	30.0
1,1,2-Trichlorotrifluoroethane	Ave	1.038	1.016		4.90	5.00	-2.1	30.0
Acetone	Ave	1.486	1.229		4.14	5.00	-17.3	30.0
Isopropyl alcohol	Ave	1.100	0.7865		3.58	5.00	-28.5	30.0
Carbon disulfide	Ave	2.979	2.500		4.20	5.00	-16.1	30.0
3-Chloropropene	Ave	1.371	0.996		3.63	5.00	-27.4	30.0
Methylene Chloride	Ave	0.7881	0.6771		4.30	5.00	-14.1	30.0
tert-Butyl alcohol	Ave	0.9122	0.8554		5.35	5.70	-6.2	30.0
Methyl tert-butyl ether	Ave	2.156	1.997		4.63	5.00	-7.4	30.0
trans-1,2-Dichloroethene	Ave	1.497	1.185		3.96	5.00	-20.9	30.0
n-Hexane	Ave	0.7723	0.6515		4.22	5.00	-15.6	30.0
1,1-Dichloroethane	Ave	1.825	1.528		4.19	5.00	-16.3	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.4225	0.3854		4.56	5.00	-8.8	30.0
cis-1,2-Dichloroethene	Ave	1.699	1.390		4.09	5.00	-18.2	30.0
Tetrahydrofuran	Ave	1.223	0.9328		3.81	5.00	-23.7	30.0
Chloroform	Ave	2.046	1.774		4.34	5.00	-13.3	30.0
1,1,1-Trichloroethane	Ave	1.805	1.684		4.66	5.00	-6.7	30.0
Cyclohexane	Ave	1.427	1.207		4.23	5.00	-15.4	30.0
Carbon tetrachloride	Ave	1.671	1.713		5.12	5.00	2.5	30.0
Benzene	Ave	0.8084	0.7010		4.34	5.00	-13.3	30.0
1,2-Dichloroethane	Ave	0.3728	0.3325		4.46	5.00	-10.8	30.0
2,2,4-Trimethylpentane	Ave	1.237	1.117		4.51	5.00	-9.7	30.0
n-Heptane	Ave	0.2445	0.2198		4.49	5.00	-10.1	30.0
Trichloroethene	Ave	0.3218	0.2797		4.35	5.00	-13.1	30.0
1,2-Dichloropropane	Ave	0.3365	0.2874		4.27	5.00	-14.6	30.0
Methyl methacrylate	Ave	0.2554	0.2317		4.54	5.00	-9.3	30.0
1,4-Dioxane	Ave	0.1093	0.1054		4.82	5.00	-3.5	30.0
Bromodichloromethane	Ave	0.5892	0.4946		4.20	5.00	-16.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Lab Sample ID: CCVIS 410-709592/3

Calibration Date: 10/06/2025 12:53

Instrument ID: HP8R004

Calib Start Date: 09/07/2025 22:59

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Calib End Date: 09/08/2025 02:41

Lab File ID: 7006X02.D

Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,3-Dichloropropene	Ave	0.4734	0.4035		4.26	5.00	-14.8	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.6227	0.5382		4.32	5.00	-13.6	30.0
Toluene	Ave	1.030	0.9135		4.44	5.00	-11.3	30.0
trans-1,3-Dichloropropene	Ave	0.4129	0.3610		4.37	5.00	-12.6	30.0
1,1,2-Trichloroethane	Ave	0.3457	0.3189		4.61	5.00	-7.8	30.0
Tetrachloroethene	Ave	0.4436	0.4083		4.60	5.00	-8.0	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.6271	0.5444		4.34	5.00	-13.2	30.0
Dibromochloromethane	Ave	0.4442	0.4087		4.60	5.00	-8.0	30.0
1,2-Dibromoethane	Ave	0.5186	0.4685		4.52	5.00	-9.7	30.0
Chlorobenzene	Ave	0.7797	0.6787		4.35	5.00	-13.0	30.0
Ethylbenzene	Ave	1.243	1.108		4.46	5.00	-10.9	30.0
m,p-Xylene	Ave	0.9225	0.8292		8.99	10.0	-10.1	30.0
o-Xylene	Ave	0.9170	0.8473		4.62	5.00	-7.6	30.0
Styrene	Ave	0.6662	0.6211		4.66	5.00	-6.8	30.0
Bromoform	Ave	0.4811	0.4535		4.71	5.00	-5.7	30.0
Cumene	Ave	1.148	1.091		4.75	5.00	-5.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7883	0.6573		4.17	5.00	-16.6	30.0
N-Propylbenzene	Ave	0.3117	0.2963		4.75	5.00	-4.9	30.0
2-Chlorotoluene	Ave	0.2976	0.2730		4.59	5.00	-8.2	30.0
4-Ethyltoluene	Ave	1.147	1.104		4.81	5.00	-3.8	30.0
1,3,5-Trimethylbenzene	Ave	0.9184	0.9516		5.18	5.00	3.6	30.0
tert-Butylbenzene	Ave	0.9150	0.8789		4.80	5.00	-3.9	30.0
1,2,4-Trimethylbenzene	Ave	0.9706	0.9445		4.87	5.00	-2.7	30.0
sec-Butylbenzene	Ave	1.392	1.315		4.72	5.00	-5.5	30.0
4-Isopropyltoluene	Ave	1.105	1.053		4.76	5.00	-4.7	30.0
1,3-Dichlorobenzene	Ave	0.6435	0.6135		4.77	5.00	-4.7	30.0
1,4-Dichlorobenzene	Ave	0.6474	0.6112		4.72	5.00	-5.6	30.0
Benzyl chloride	Ave	0.1519	0.1391		4.58	5.00	-8.4	30.0
n-Butylbenzene	Ave	0.5964	0.5424		4.55	5.00	-9.0	30.0
1,2-Dichlorobenzene	Ave	0.5956	0.5686		4.77	5.00	-4.5	30.0
1,2,4-Trichlorobenzene	Ave	0.4020	0.3696		4.60	5.00	-8.1	30.0
Hexachlorobutadiene	Ave	0.3620	0.3377		4.67	5.00	-6.7	30.0
Naphthalene	Ave	0.9549	0.8281		4.34	5.00	-13.3	30.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X02.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 06-Oct-2025 12:53:20 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 410-0162112-003
 Operator ID: sn105465 Instrument ID: HP8R004
 Sublist: chrom-TO15LLMethods_HP8R004*sub2
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 07-Oct-2025 16:14:53 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1671

First Level Reviewer: D7UM

Date: 07-Oct-2025 08:40:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.312	3.312	0.000	96	96846	NC	NC	
2 Dichlorodifluoromethane	85	3.376	3.376	0.000	88	329603	5.00	4.75	
3 Chlorodifluoromethane	51	3.412	3.412	0.000	75	189672	5.00	4.83	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.648	3.648	0.000	97	319780	5.00	5.18	
5 Chloromethane	50	3.770	3.770	0.000	88	89513	5.00	3.60	
124 Butane	43	4.006	4.006	0.000	99	185654	5.00	3.98	M
6 Vinyl chloride	62	4.014	4.014	0.000	75	126423	5.00	5.00	
7 Butadiene	54	4.100	4.100	0.000	92	89927	5.00	4.59	
8 Bromomethane	94	4.701	4.701	0.000	91	94802	5.00	5.03	
9 Chloroethane	64	4.916	4.916	0.000	94	64498	5.00	4.22	
10 Vinyl bromide	106	5.274	5.274	0.000	97	112030	5.00	4.57	
13 Dichlorofluoromethane	67	5.332	5.332	0.000	82	281096	NC	NC	
12 Trichlorofluoromethane	101	5.410	5.410	0.000	86	319572	5.00	5.06	
11 Pentane	43	5.589	5.589	0.000	96	201766	NC	NC	
14 Ethanol	45	5.661	5.661	0.000	49	29518	NC	NC	
19 Acrolein	56	6.155	6.155	0.000	88	48679	NC	NC	
15 1,1-Dichloroethene	61	6.349	6.349	0.000	87	183013	5.00	4.28	
16 1,1,2-Trichloro-1,2,2-trifluoroe	103	6.377	6.377	0.000	86	154255	5.00	4.90	
23 Acetone	43	6.377	6.377	0.000	94	186519	5.00	4.14	
20 Isopropyl alcohol	45	6.592	6.592	0.000	88	119366	5.00	3.58	
18 Iodomethane	142	6.614	6.614	0.000	99	232939	NC	NC	
17 Carbon disulfide	76	6.757	6.757	0.000	99	379409	5.00	4.20	
28 Acetonitrile	41	6.836	6.836	0.000	98	111116	NC	NC	
21 3-Chloro-1-propene	41	6.979	6.979	0.000	90	151183	5.00	3.63	
22 Methylene Chloride	84	7.194	7.194	0.000	97	102772	5.00	4.30	
27 2-Methyl-2-propanol	59	7.294	7.294	0.000	96	147999	5.70	5.35	
31 Acrylonitrile	53	7.538	7.538	0.000	98	104141	NC	NC	M
26 Methyl tert-butyl ether	73	7.631	7.631	0.000	90	303073	5.00	4.63	
24 trans-1,2-Dichloroethene	61	7.667	7.667	0.000	94	179816	5.00	3.96	
25 Hexane	56	8.118	8.118	0.000	90	98873	5.00	4.22	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Vinyl acetate	86	8.326	8.326	0.000	97	24684	NC	NC	
30 1,1-Dichloroethane	63	8.354	8.354	0.000	85	231878	5.00	4.19	
29 Isopropyl ether	45	8.397	8.397	0.000	93	412733	NC	NC	
32 Tert-butyl ethyl ether	59	8.970	8.970	0.000	90	354317	NC	NC	
43 2-Butanone (MEK)	72	9.178	9.178	0.000	99	58499	5.00	4.56	
34 cis-1,2-Dichloroethene	61	9.243	9.243	0.000	68	210904	5.00	4.09	
38 Ethyl acetate	70	9.250	9.250	0.000	89	32381	NC	NC	
39 Methyl acrylate	55	9.329	9.329	0.000	88	218260	NC	NC	
* 35 Chlorobromomethane (IS)	130	9.615	9.615	0.000	94	303544	10.0	10.0	
41 Tetrahydrofuran	42	9.637	9.637	0.000	80	141576	5.00	3.81	
37 Chloroform	83	9.758	9.758	0.000	68	269288	5.00	4.34	
42 1,1,1-Trichloroethane	97	10.052	10.052	0.000	59	255548	5.00	4.66	
36 Cyclohexane	56	10.188	10.188	0.000	94	183247	5.00	4.23	
40 Carbon tetrachloride	117	10.310	10.310	0.000	77	259912	5.00	5.12	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.539	10.539	0.000	0	446342	NC	NC	
46 Benzene	78	10.597	10.597	0.000	91	388202	5.00	4.34	
48 1,2-Dichloroethane	62	10.661	10.661	0.000	86	184117	5.00	4.46	
47 Tert-amyl methyl ether	73	10.768	10.768	0.000	77	326586	NC	NC	
44 Isooctane	57	10.783	10.783	0.000	93	618648	5.00	4.51	
45 n-Heptane	71	11.026	11.026	0.000	94	121695	5.00	4.49	
* 50 1,4-Difluorobenzene	114	11.220	11.220	0.000	96	1107529	10.0	10.0	
49 Trichloroethene	130	11.585	11.585	0.000	92	154891	5.00	4.35	
52 Ethyl acrylate	55	11.635	11.635	0.000	98	263897	NC	NC	
53 1,2-Dichloropropane	63	11.929	11.929	0.000	79	159175	5.00	4.27	
55 Methyl methacrylate	69	11.943	11.943	0.000	91	128299	5.00	4.54	
56 1,4-Dioxane	88	12.000	12.000	0.000	82	58359	5.00	4.82	
51 Dibromomethane	174	12.043	12.043	0.000	82	145124	NC	NC	
54 Dichlorobromomethane	83	12.244	12.244	0.000	93	273902	5.00	4.20	
57 cis-1,3-Dichloropropene	75	12.753	12.753	0.000	89	223455	5.00	4.26	
60 4-Methyl-2-pentanone (MIBK)	43	12.867	12.867	0.000	98	298025	5.00	4.32	
\$ 103 Toluene-d8 (Surr)	98	13.053	13.053	0.000	93	1197119	NC	NC	
59 Toluene	91	13.132	13.132	0.000	91	469837	5.00	4.44	
58 n-Octane	43	13.240	13.240	0.000	86	309516	NC	NC	
62 trans-1,3-Dichloropropene	75	13.340	13.340	0.000	86	185644	5.00	4.37	
63 Ethyl methacrylate	69	13.369	13.369	0.000	87	215317	NC	NC	
64 1,1,2-Trichloroethane	97	13.548	13.548	0.000	86	164004	5.00	4.61	
61 Tetrachloroethene	166	13.669	13.669	0.000	95	209990	5.00	4.60	
67 2-Hexanone	43	13.720	13.720	0.000	98	280013	5.00	4.34	
65 Chlorodibromomethane	127	13.935	13.935	0.000	87	210225	5.00	4.60	
66 Ethylene Dibromide	107	14.063	14.063	0.000	98	240955	5.00	4.52	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.465	0.000	87	1028638	10.0	10.0	
69 Chlorobenzene	112	14.493	14.493	0.000	93	349073	5.00	4.35	
70 Ethylbenzene	91	14.558	14.558	0.000	78	569973	5.00	4.46	
71 1,1,1,2-Tetrachloroethane	131	14.558	14.558	0.000	47	184013	NC	NC	
72 m-Xylene & p-Xylene	91	14.665	14.665	0.000	97	852982	10.0	8.99	
73 o-Xylene	91	14.988	14.988	0.000	93	435766	5.00	4.62	
74 Styrene	104	15.002	15.002	0.000	90	319420	5.00	4.66	
75 Bromoform	173	15.174	15.174	0.000	95	233248	5.00	4.71	
76 Isopropylbenzene	105	15.267	15.267	0.000	96	561182	5.00	4.75	
79 1,1,2,2-Tetrachloroethane	83	15.482	15.482	0.000	61	338081	5.00	4.17	M
83 1,2,3-Trichloropropane	110	15.539	15.539	0.000	57	85926	NC	NC	
78 Bromobenzene	156	15.546	15.546	0.000	87	191788	NC	NC	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
77 N-Propylbenzene	120	15.582	15.582	0.000	90	152398	5.00	4.75	
80 4-Ethyltoluene	105	15.668	15.668	0.000	89	567643	5.00	4.81	M
81 2-Chlorotoluene	126	15.668	15.668	0.000	90	140414	5.00	4.59	
82 1,3,5-Trimethylbenzene	105	15.697	15.697	0.000	67	489405	5.00	5.18	Ma
84 Alpha Methyl Styrene	118	15.861	15.861	0.000	91	235213	NC	NC	
85 tert-Butylbenzene	119	15.947	15.947	0.000	77	452038	5.00	4.80	M
86 1,2,4-Trimethylbenzene	105	15.983	15.983	0.000	98	485754	5.00	4.87	
87 sec-Butylbenzene	105	16.105	16.105	0.000	95	676437	5.00	4.72	
88 4-Isopropyltoluene	119	16.205	16.205	0.000	96	541394	5.00	4.76	
89 1,3-Dichlorobenzene	146	16.227	16.227	0.000	96	315560	5.00	4.77	
90 1,4-Dichlorobenzene	146	16.306	16.306	0.000	93	314332	5.00	4.72	
92 Benzyl chloride	126	16.370	16.370	0.000	86	71545	5.00	4.58	
91 n-Butylbenzene	92	16.506	16.506	0.000	98	278963	5.00	4.55	
94 1,2-Dichlorobenzene	146	16.578	16.578	0.000	95	292463	5.00	4.77	
93 Hexachloroethane	117	16.814	16.814	0.000	88	184352	NC	NC	
95 1,2-Dibromo-3-Chloropropane	157	17.179	17.179	0.000	77	129449	NC	NC	
97 1,2,4-Trichlorobenzene	180	17.881	17.881	0.000	94	190085	5.00	4.60	
96 Hexachlorobutadiene	225	17.982	17.982	0.000	90	173700	5.00	4.67	
98 Naphthalene	128	18.154	18.154	0.000	98	425890	5.00	4.34	
S 100 1,2-Dichloroethene, Total	61				0	390720	10.0	0	
S 109 1,3-Dichloropropene, Total	75				0		10.0	8.63	
S 101 Xylenes, Total	91				0	1288748	15.0	0	

\$ 110 BFB

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

AIRCAL10.0_00621

Amount Added: 100.00

Units: mL

AIRIS200 ppb_00532

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 07-Oct-2025 16:14:55

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X02.D

Injection Date: 06-Oct-2025 12:53:20

Instrument ID: HP8R004

Lims ID: CCVIS

Client ID:

Operator ID: sn105465

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 200.000 mL

Dil. Factor:

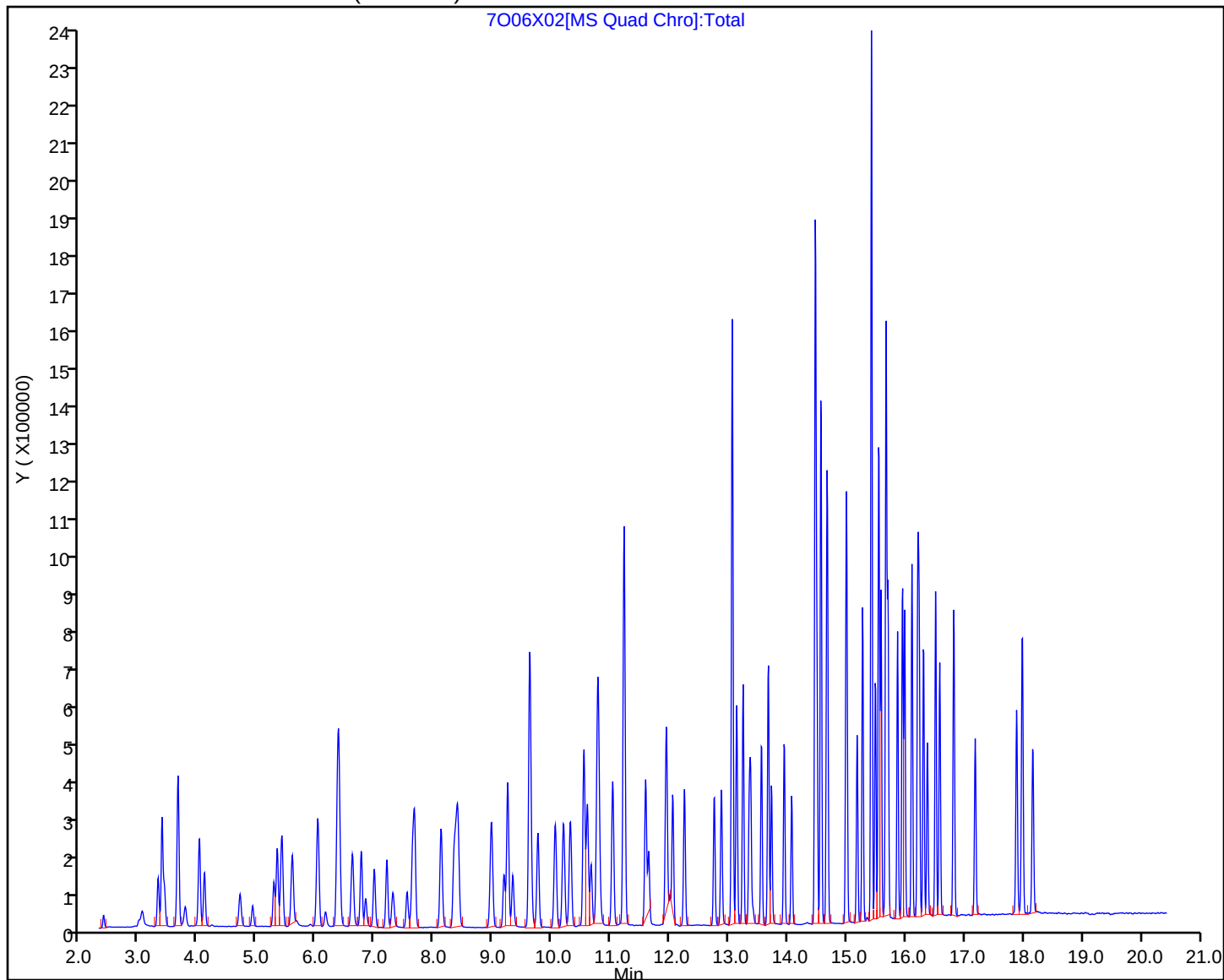
1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

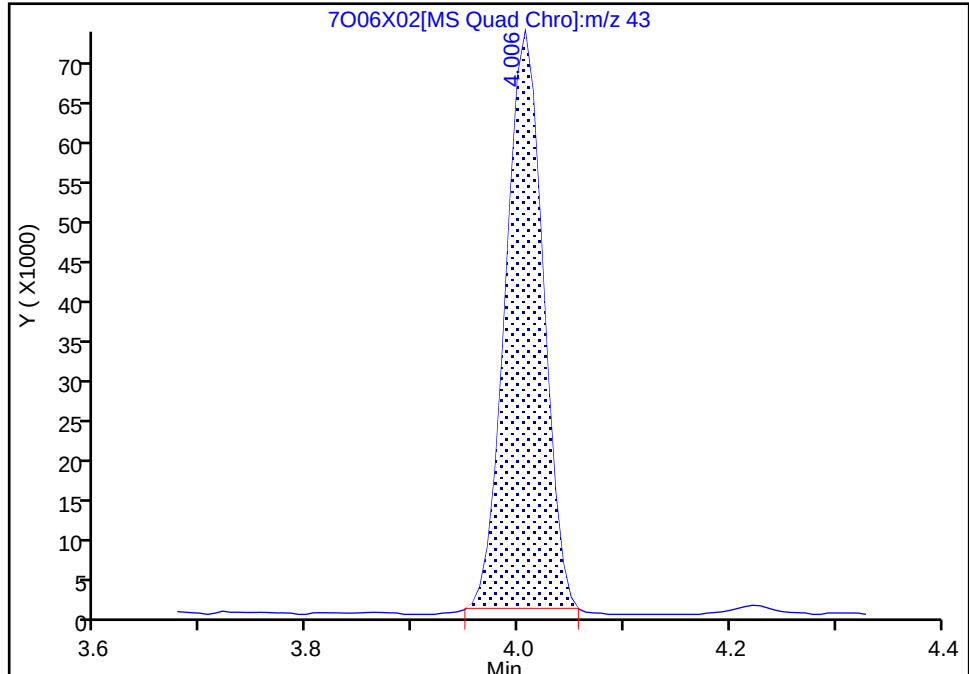
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Injection Date: 06-Oct-2025 12:53:20 Instrument ID: HP8R004
Lims ID: CCVIS
Client ID:
Operator ID: sn105465 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

124 Butane, CAS: 106-97-8

Signal: 1

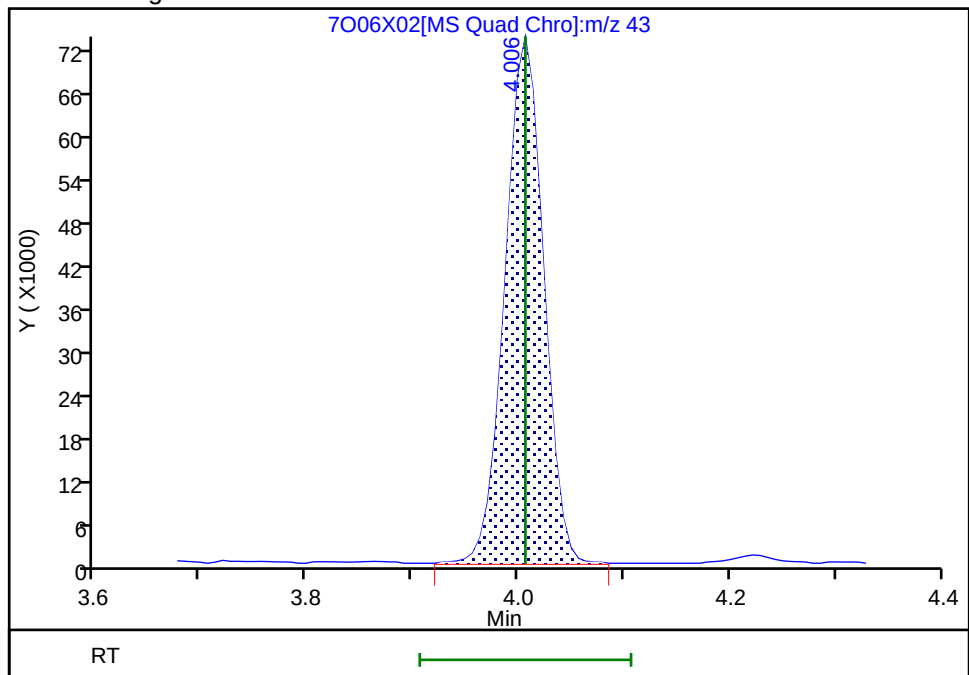
RT: 4.01
Area: 180657
Amount: 3.876225
Amount Units: ppb v/v

Processing Integration Results



RT: 4.01
Area: 185654
Amount: 3.983442
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 07-Oct-2025 08:42:38 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

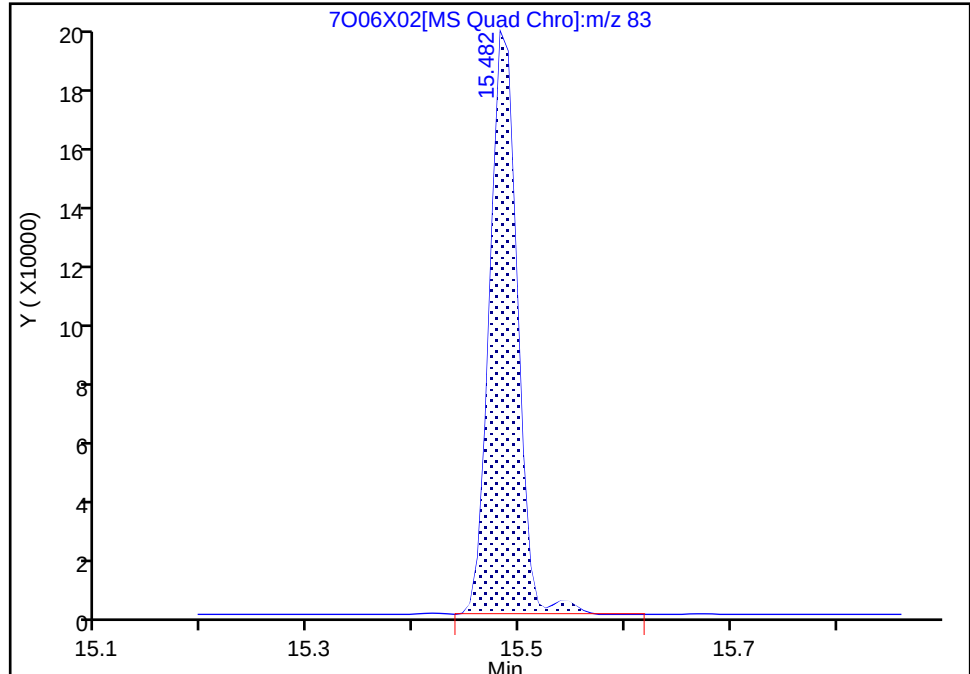
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Injection Date: 06-Oct-2025 12:53:20 Instrument ID: HP8R004
Lims ID: CCVIS
Client ID:
Operator ID: sn105465 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

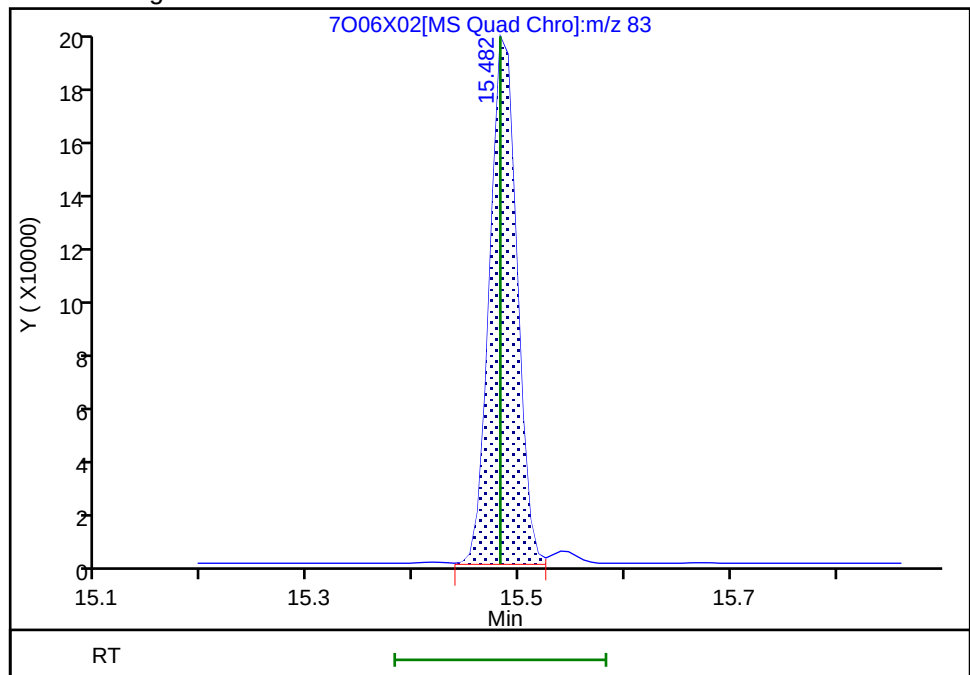
RT: 15.48
Area: 345369
Amount: 4.259204
Amount Units: ppb v/v

Processing Integration Results



RT: 15.48
Area: 338081
Amount: 4.169326
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 07-Oct-2025 08:39:39 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

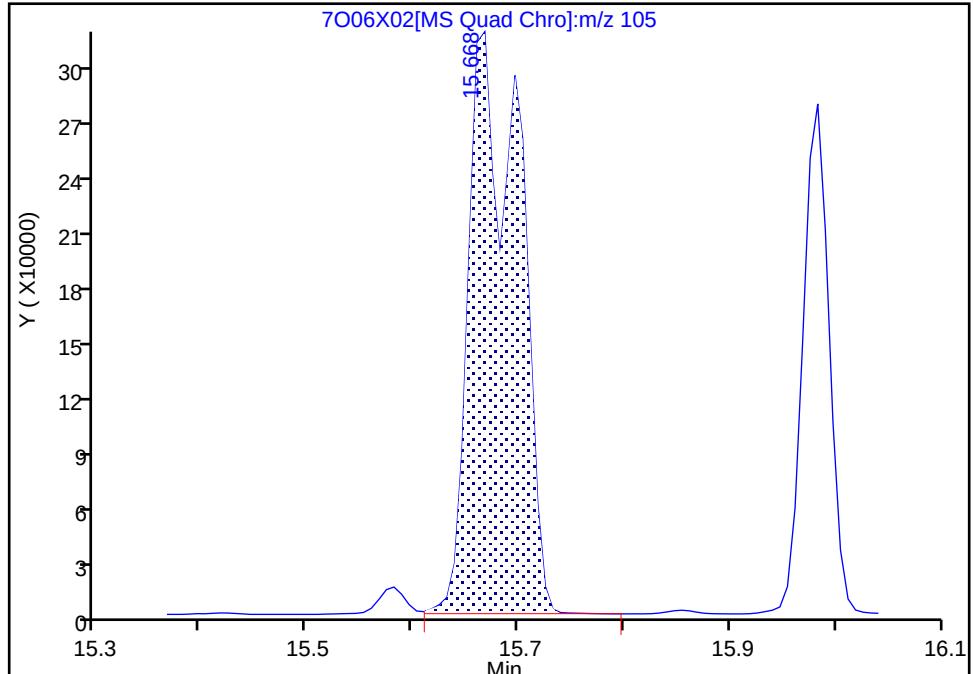
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Injection Date: 06-Oct-2025 12:53:20 Instrument ID: HP8R004
Lims ID: CCVIS
Client ID:
Operator ID: sn105465 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

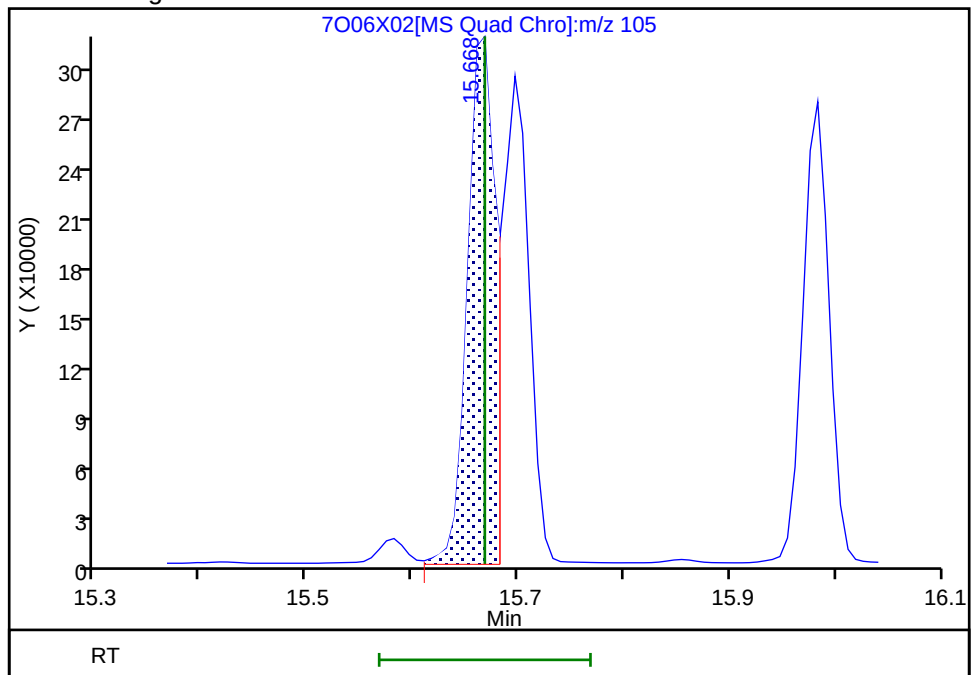
RT: 15.67
Area: 1057048
Amount: 8.957214
Amount Units: ppb v/v

Processing Integration Results



RT: 15.67
Area: 567643
Amount: 4.810094
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 07-Oct-2025 08:39:44 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

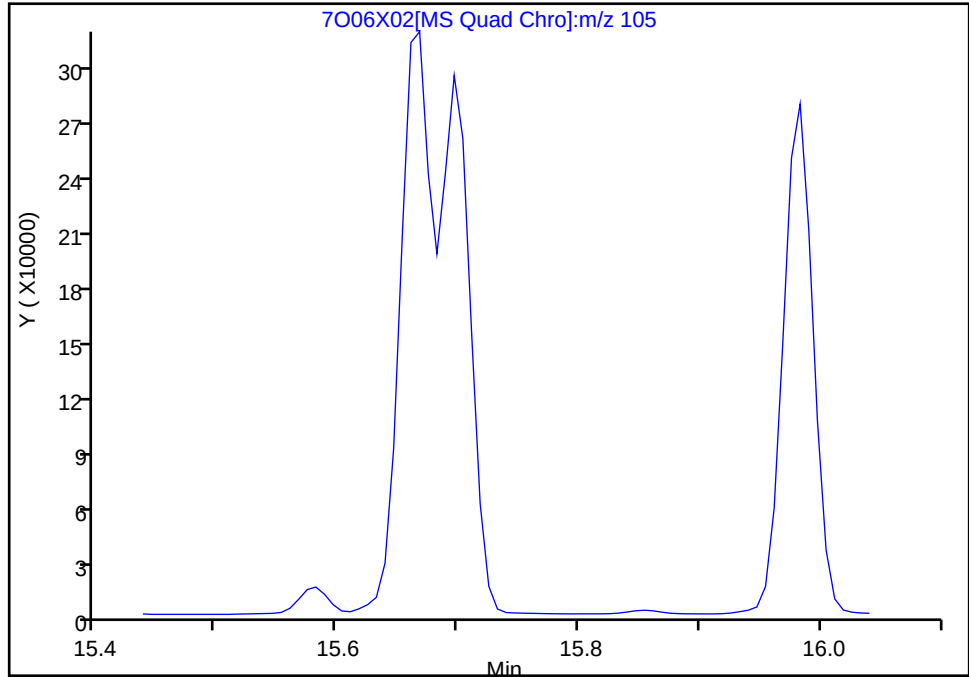
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Injection Date: 06-Oct-2025 12:53:20 Instrument ID: HP8R004
Lims ID: CCVIS
Client ID:
Operator ID: sn105465 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

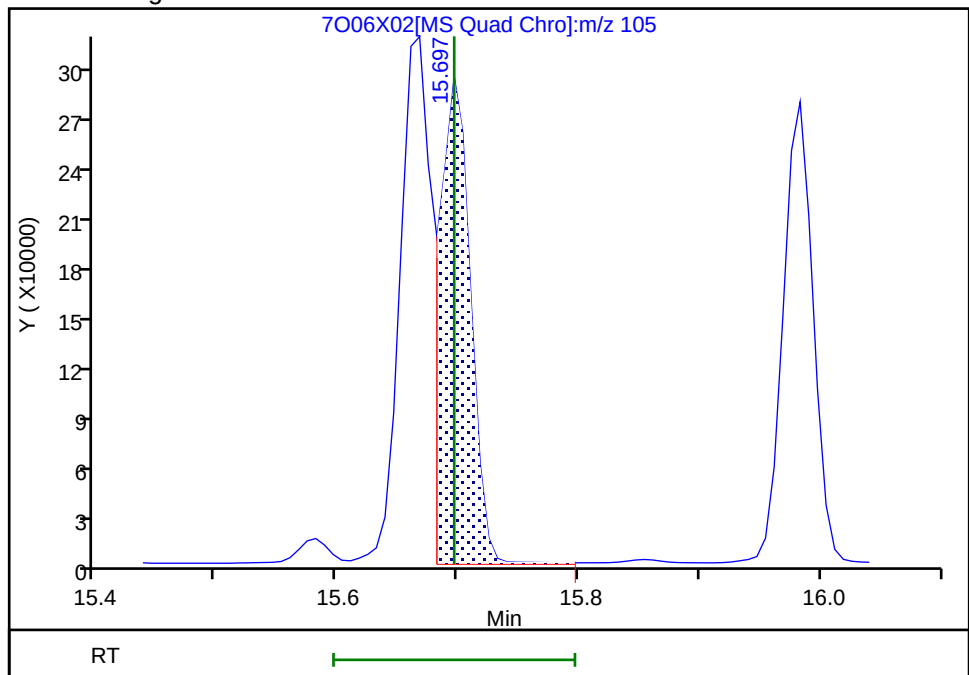
Not Detected
Expected RT: 15.70

Processing Integration Results



Manual Integration Results

RT: 15.70
Area: 489405
Amount: 5.180398
Amount Units: ppb v/v



Reviewer: D7UM, 07-Oct-2025 08:39:54 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

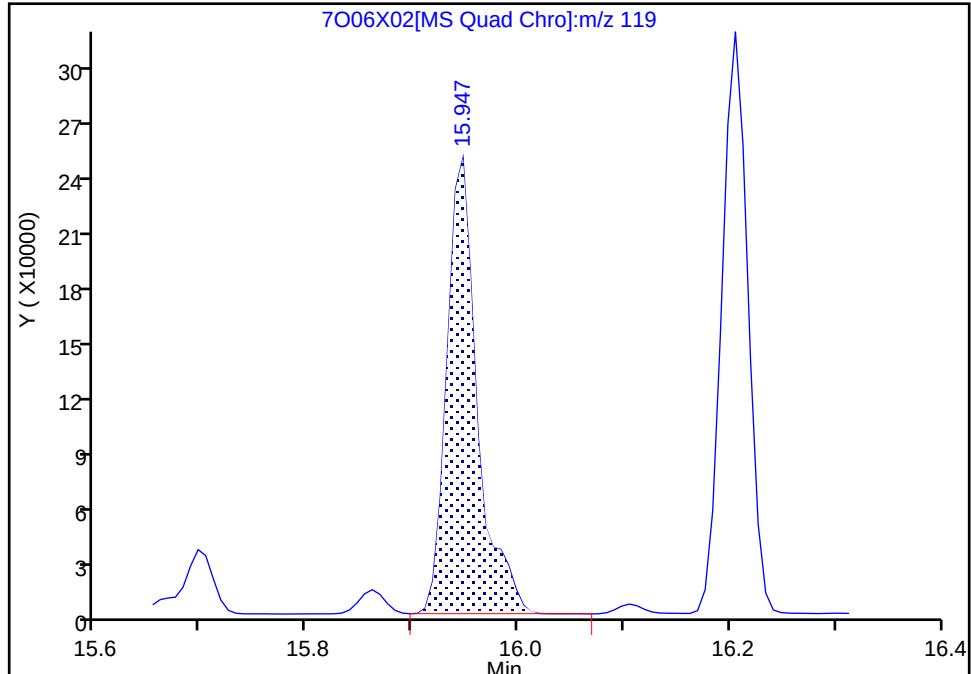
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X02.D
Injection Date: 06-Oct-2025 12:53:20 Instrument ID: HP8R004
Lims ID: CCVIS
Client ID:
Operator ID: sn105465 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

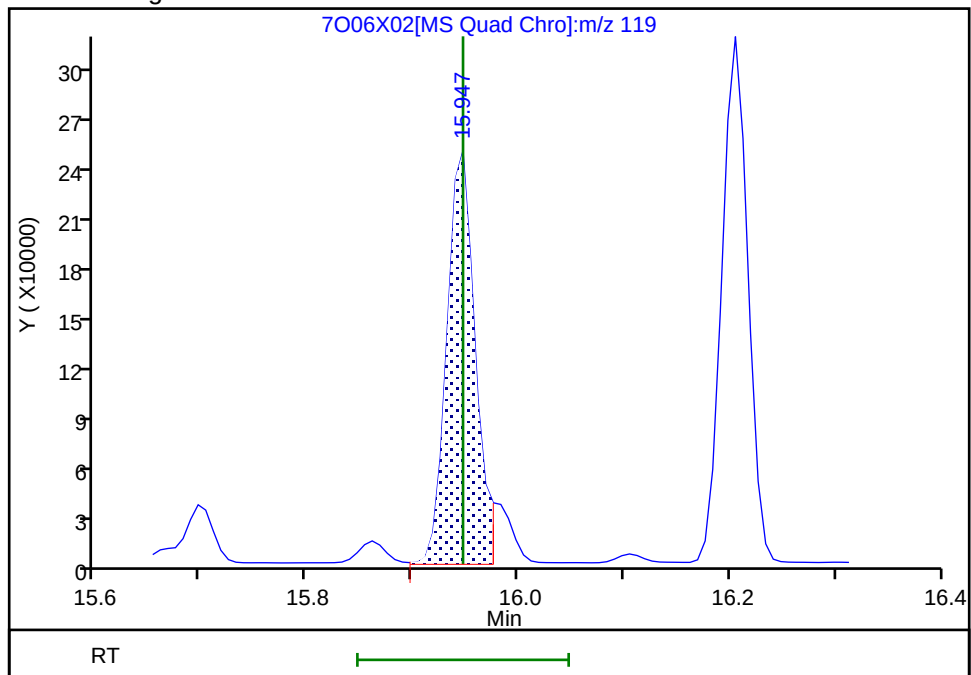
RT: 15.95
Area: 496221
Amount: 5.272311
Amount Units: ppb v/v

Processing Integration Results



RT: 15.95
Area: 452038
Amount: 4.802870
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 07-Oct-2025 08:40:00 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Lab Sample ID: CCVIS 410-710205/3

Calibration Date: 10/07/2025 14:05

Instrument ID: HP8R004

Calib Start Date: 09/07/2025 22:59

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Calib End Date: 09/08/2025 02:41

Lab File ID: 7007X02.D

Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	2.285	2.154		4.71	5.00	-5.7	30.0
Chlorodifluoromethane	Ave	1.293	1.253		4.84	5.00	-3.1	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.032	2.166		5.33	5.00	6.6	30.0
Chloromethane	Ave	0.8181	0.7800		4.77	5.00	-4.7	30.0
n-Butane	Ave	1.535	1.083		3.53	5.00	-29.5	30.0
Vinyl chloride	Ave	0.8328	0.7875		4.73	5.00	-5.5	30.0
1,3-Butadiene	Ave	0.6457	0.5623		4.35	5.00	-12.9	30.0
Bromomethane	Ave	0.6204	0.6450		5.20	5.00	4.0	30.0
Chloroethane	Ave	0.5030	0.4605		4.58	5.00	-8.5	30.0
Bromoethene (Vinyl Bromide)	Ave	0.8069	0.8014		4.97	5.00	-0.7	30.0
Trichlorofluoromethane	Ave	2.081	2.080		5.00	5.00	-0.0	30.0
1,1-Dichloroethene	Ave	1.408	1.271		4.51	5.00	-9.7	30.0
1,1,2-Trichlorotrifluoroethane	Ave	1.038	1.034		4.98	5.00	-0.4	30.0
Acetone	Ave	1.486	1.298		4.37	5.00	-12.7	30.0
Isopropyl alcohol	Ave	1.100	0.9369		4.26	5.00	-14.8	30.0
Carbon disulfide	Ave	2.979	2.579		4.33	5.00	-13.4	30.0
3-Chloropropene	Ave	1.371	1.074		3.92	5.00	-21.7	30.0
Methylene Chloride	Ave	0.7881	0.7152		4.54	5.00	-9.2	30.0
tert-Butyl alcohol	Ave	0.9122	0.9246		5.78	5.70	1.4	30.0
Methyl tert-butyl ether	Ave	2.156	2.234		5.18	5.00	3.7	30.0
trans-1,2-Dichloroethene	Ave	1.497	1.348		4.50	5.00	-9.9	30.0
n-Hexane	Ave	0.7723	0.6697		4.34	5.00	-13.3	30.0
1,1-Dichloroethane	Ave	1.825	1.590		4.35	5.00	-12.9	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.4225	0.4220		4.99	5.00	-0.1	30.0
cis-1,2-Dichloroethene	Ave	1.699	1.477		4.35	5.00	-13.0	30.0
Tetrahydrofuran	Ave	1.223	0.9764		3.99	5.00	-20.1	30.0
Chloroform	Ave	2.046	1.781		4.35	5.00	-13.0	30.0
1,1,1-Trichloroethane	Ave	1.805	1.687		4.67	5.00	-6.6	30.0
Cyclohexane	Ave	1.427	1.350		4.73	5.00	-5.4	30.0
Carbon tetrachloride	Ave	1.671	1.660		4.97	5.00	-0.7	30.0
Benzene	Ave	0.8084	0.7186		4.44	5.00	-11.1	30.0
1,2-Dichloroethane	Ave	0.3728	0.3113		4.17	5.00	-16.5	30.0
2,2,4-Trimethylpentane	Ave	1.237	1.171		4.73	5.00	-5.4	30.0
n-Heptane	Ave	0.2445	0.2408		4.92	5.00	-1.5	30.0
Trichloroethene	Ave	0.3218	0.2925		4.54	5.00	-9.1	30.0
1,2-Dichloropropane	Ave	0.3365	0.2953		4.39	5.00	-12.2	30.0
Methyl methacrylate	Ave	0.2554	0.2431		4.76	5.00	-4.8	30.0
1,4-Dioxane	Ave	0.1093	0.1142		5.23	5.00	4.5	30.0
Bromodichloromethane	Ave	0.5892	0.4972		4.22	5.00	-15.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Lab Sample ID: CCVIS 410-710205/3

Calibration Date: 10/07/2025 14:05

Instrument ID: HP8R004

Calib Start Date: 09/07/2025 22:59

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Calib End Date: 09/08/2025 02:41

Lab File ID: 7007X02.D

Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,3-Dichloropropene	Ave	0.4734	0.4187		4.42	5.00	-11.6	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.6227	0.5678		4.56	5.00	-8.8	30.0
Toluene	Ave	1.030	0.9481		4.60	5.00	-7.9	30.0
trans-1,3-Dichloropropene	Ave	0.4129	0.3683		4.46	5.00	-10.8	30.0
1,1,2-Trichloroethane	Ave	0.3457	0.3211		4.64	5.00	-7.1	30.0
Tetrachloroethene	Ave	0.4436	0.4232		4.77	5.00	-4.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.6271	0.5818		4.64	5.00	-7.2	30.0
Dibromochloromethane	Ave	0.4442	0.4140		4.66	5.00	-6.8	30.0
1,2-Dibromoethane	Ave	0.5186	0.4862		4.69	5.00	-6.2	30.0
Chlorobenzene	Ave	0.7797	0.7008		4.49	5.00	-10.1	30.0
Ethylbenzene	Ave	1.243	1.165		4.69	5.00	-6.3	30.0
m,p-Xylene	Ave	0.9225	0.8593		9.31	10.0	-6.9	30.0
o-Xylene	Ave	0.9170	0.9108		4.97	5.00	-0.7	30.0
Styrene	Ave	0.6662	0.6594		4.95	5.00	-1.0	30.0
Bromoform	Ave	0.4811	0.4621		4.80	5.00	-3.9	30.0
Cumene	Ave	1.148	1.174		5.11	5.00	2.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7883	0.6850		4.34	5.00	-13.1	30.0
N-Propylbenzene	Ave	0.3117	0.3062		4.91	5.00	-1.8	30.0
2-Chlorotoluene	Ave	0.2976	0.2862		4.81	5.00	-3.8	30.0
4-Ethyltoluene	Ave	1.147	1.152		5.02	5.00	0.4	30.0
1,3,5-Trimethylbenzene	Ave	0.9184	0.9792		5.33	5.00	6.6	30.0
tert-Butylbenzene	Ave	0.9150	1.015		5.55	5.00	10.9	30.0
1,2,4-Trimethylbenzene	Ave	0.9706	0.9864		5.08	5.00	1.6	30.0
sec-Butylbenzene	Ave	1.392	1.387		4.98	5.00	-0.4	30.0
4-Isopropyltoluene	Ave	1.105	1.110		5.02	5.00	0.5	30.0
1,3-Dichlorobenzene	Ave	0.6435	0.6340		4.93	5.00	-1.5	30.0
1,4-Dichlorobenzene	Ave	0.6474	0.6311		4.87	5.00	-2.5	30.0
Benzyl chloride	Ave	0.1519	0.1449		4.77	5.00	-4.6	30.0
n-Butylbenzene	Ave	0.5964	0.5670		4.75	5.00	-4.9	30.0
1,2-Dichlorobenzene	Ave	0.5956	0.5825		4.89	5.00	-2.2	30.0
1,2,4-Trichlorobenzene	Ave	0.4020	0.4139		5.15	5.00	3.0	30.0
Hexachlorobutadiene	Ave	0.3620	0.3607		4.98	5.00	-0.4	30.0
Naphthalene	Ave	0.9549	0.9409		4.93	5.00	-1.5	30.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X02.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 07-Oct-2025 14:05:28 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 410-0162271-003
 Operator ID: al109694 Instrument ID: HP8R004
 Sublist: chrom-TO15LLMethods_HP8R004*sub2
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 07-Oct-2025 18:28:35 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1660

First Level Reviewer: JXC9

Date: 07-Oct-2025 15:07:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.311	3.311	0.000	98	108892	NC	NC	
2 Dichlorodifluoromethane	85	3.376	3.376	0.000	88	391074	5.00	4.71	
3 Chlorodifluoromethane	51	3.412	3.412	0.000	77	227487	5.00	4.84	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.648	3.648	0.000	97	393247	5.00	5.33	
5 Chloromethane	50	3.770	3.770	0.000	88	141608	5.00	4.77	
124 Butane	43	4.006	4.006	0.000	99	196618	5.00	3.53	M
6 Vinyl chloride	62	4.013	4.013	0.000	81	142953	5.00	4.73	
7 Butadiene	54	4.099	4.099	0.000	90	102087	5.00	4.35	
8 Bromomethane	94	4.701	4.701	0.000	91	117096	5.00	5.20	
9 Chloroethane	64	4.916	4.916	0.000	95	83598	5.00	4.58	
10 Vinyl bromide	106	5.274	5.274	0.000	97	145478	5.00	4.97	
13 Dichlorofluoromethane	67	5.331	5.331	0.000	82	353794	NC	NC	
12 Trichlorofluoromethane	101	5.410	5.410	0.000	87	377593	5.00	5.00	
11 Pentane	43	5.582	5.582	0.000	97	265207	NC	NC	
14 Ethanol	45	5.661	5.661	0.000	50	36392	NC	NC	
19 Acrolein	56	6.148	6.148	0.000	89	67346	NC	NC	
15 1,1-Dichloroethene	61	6.349	6.349	0.000	88	230703	5.00	4.51	
16 1,1,2-Trichloro-1,2,2-trifluoroe	103	6.370	6.370	0.000	87	187738	5.00	4.98	
23 Acetone	43	6.377	6.377	0.000	97	235605	5.00	4.37	
20 Isopropyl alcohol	45	6.592	6.592	0.000	62	170085	5.00	4.26	
18 Iodomethane	142	6.614	6.614	0.000	100	306955	NC	NC	
17 Carbon disulfide	76	6.757	6.757	0.000	99	468217	5.00	4.33	
28 Acetonitrile	41	6.829	6.829	0.000	98	139467	NC	NC	
21 3-Chloro-1-propene	41	6.979	6.979	0.000	91	195017	5.00	3.92	
22 Methylene Chloride	84	7.194	7.194	0.000	92	129844	5.00	4.54	
27 2-Methyl-2-propanol	59	7.294	7.294	0.000	97	191355	5.70	5.78	
31 Acrylonitrile	53	7.531	7.531	0.000	100	137700	NC	NC	
26 Methyl tert-butyl ether	73	7.631	7.631	0.000	90	405642	5.00	5.18	
24 trans-1,2-Dichloroethene	61	7.660	7.660	0.000	95	244747	5.00	4.50	
25 Hexane	56	8.111	8.111	0.000	95	121580	5.00	4.34	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Vinyl acetate	86	8.326	8.326	0.000	97	34772	NC	NC	
30 1,1-Dichloroethane	63	8.354	8.354	0.000	85	288591	5.00	4.35	
29 Isopropyl ether	45	8.397	8.397	0.000	94	537563	NC	NC	
32 Tert-butyl ethyl ether	59	8.970	8.970	0.000	91	476707	NC	NC	
43 2-Butanone (MEK)	72	9.178	9.178	0.000	100	76606	5.00	4.99	
34 cis-1,2-Dichloroethene	61	9.243	9.243	0.000	67	268154	5.00	4.35	
38 Ethyl acetate	70	9.243	9.243	0.000	86	41049	NC	NC	
39 Methyl acrylate	55	9.329	9.329	0.000	88	279048	NC	NC	
* 35 Chlorobromomethane (IS)	130	9.615	9.615	0.000	94	363075	10.0	10.0	
41 Tetrahydrofuran	42	9.637	9.637	0.000	87	177248	5.00	3.99	
37 Chloroform	83	9.758	9.758	0.000	70	323326	5.00	4.35	
42 1,1,1-Trichloroethane	97	10.052	10.052	0.000	59	306196	5.00	4.67	
36 Cyclohexane	56	10.188	10.188	0.000	92	245027	5.00	4.73	
40 Carbon tetrachloride	117	10.303	10.303	0.000	69	301332	5.00	4.97	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.539	10.539	0.000	0	507420	NC	NC	
46 Benzene	78	10.596	10.596	0.000	93	493526	5.00	4.44	
48 1,2-Dichloroethane	62	10.654	10.654	0.000	75	213803	5.00	4.17	
47 Tert-amyl methyl ether	73	10.768	10.768	0.000	75	432373	NC	NC	
44 Isooctane	57	10.775	10.775	0.000	93	804326	5.00	4.73	
45 n-Heptane	71	11.026	11.026	0.000	94	165411	5.00	4.92	
* 50 1,4-Difluorobenzene	114	11.220	11.220	0.000	95	1373668	10.0	10.0	
49 Trichloroethene	130	11.585	11.585	0.000	94	200884	5.00	4.54	
52 Ethyl acrylate	55	11.635	11.635	0.000	99	341760	NC	NC	
53 1,2-Dichloropropane	63	11.929	11.929	0.000	80	202811	5.00	4.39	
55 Methyl methacrylate	69	11.943	11.943	0.000	92	167003	5.00	4.76	
56 1,4-Dioxane	88	11.993	11.993	0.000	92	78418	5.00	5.23	
51 Dibromomethane	174	12.043	12.043	0.000	85	181887	NC	NC	
54 Dichlorobromomethane	83	12.244	12.244	0.000	94	341490	5.00	4.22	
57 cis-1,3-Dichloropropene	75	12.745	12.745	0.000	90	287561	5.00	4.42	
60 4-Methyl-2-pentanone (MIBK)	43	12.867	12.867	0.000	98	389964	5.00	4.56	
\$ 103 Toluene-d8 (Surr)	98	13.053	13.053	0.000	93	1453009	NC	NC	
59 Toluene	91	13.132	13.132	0.000	90	592251	5.00	4.60	
58 n-Octane	43	13.240	13.240	0.000	87	410004	NC	NC	
62 trans-1,3-Dichloropropene	75	13.340	13.340	0.000	95	230094	5.00	4.46	
63 Ethyl methacrylate	69	13.369	13.369	0.000	90	278225	NC	NC	
64 1,1,2-Trichloroethane	97	13.548	13.548	0.000	85	200585	5.00	4.64	
61 Tetrachloroethene	166	13.669	13.669	0.000	95	264352	5.00	4.77	
67 2-Hexanone	43	13.720	13.720	0.000	98	363473	5.00	4.64	
65 Chlorodibromomethane	127	13.934	13.934	0.000	90	258595	5.00	4.66	
66 Ethylene Dibromide	107	14.063	14.063	0.000	98	303748	5.00	4.69	
* 68 Chlorobenzene-d5 (IS)	117	14.464	14.464	0.000	86	1249378	10.0	10.0	
69 Chlorobenzene	112	14.493	14.493	0.000	93	437765	5.00	4.49	
70 Ethylbenzene	91	14.558	14.558	0.000	70	727837	5.00	4.69	
71 1,1,1,2-Tetrachloroethane	131	14.565	14.565	0.000	52	226035	NC	NC	
72 m-Xylene & p-Xylene	91	14.665	14.665	0.000	97	1073557	10.0	9.31	
73 o-Xylene	91	14.987	14.987	0.000	94	568952	5.00	4.97	
74 Styrene	104	15.002	15.002	0.000	88	411914	5.00	4.95	
75 Bromoform	173	15.174	15.174	0.000	94	288699	5.00	4.80	
76 Isopropylbenzene	105	15.267	15.267	0.000	95	733432	5.00	5.11	
79 1,1,2,2-Tetrachloroethane	83	15.482	15.482	0.000	55	427926	5.00	4.34	
83 1,2,3-Trichloropropane	110	15.539	15.539	0.000	58	103257	NC	NC	
78 Bromobenzene	156	15.546	15.546	0.000	87	234361	NC	NC	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
77 N-Propylbenzene	120	15.582	15.582	0.000	90	191253	5.00	4.91	
80 4-Ethyltoluene	105	15.668	15.668	0.000	90	719766	5.00	5.02	M
81 2-Chlorotoluene	126	15.668	15.668	0.000	88	178767	5.00	4.81	
82 1,3,5-Trimethylbenzene	105	15.697	15.697	0.000	65	611681	5.00	5.33	Ma
84 Alpha Methyl Styrene	118	15.861	15.861	0.000	91	293639	NC	NC	
85 tert-Butylbenzene	119	15.947	15.947	0.000	90	634139	5.00	5.55	
86 1,2,4-Trimethylbenzene	105	15.983	15.983	0.000	92	616202	5.00	5.08	
87 sec-Butylbenzene	105	16.105	16.105	0.000	95	866258	5.00	4.98	
88 4-Isopropyltoluene	119	16.205	16.205	0.000	96	693442	5.00	5.02	
89 1,3-Dichlorobenzene	146	16.227	16.227	0.000	97	396075	5.00	4.93	
90 1,4-Dichlorobenzene	146	16.305	16.305	0.000	94	394267	5.00	4.87	
92 Benzyl chloride	126	16.370	16.370	0.000	83	90497	5.00	4.77	
91 n-Butylbenzene	92	16.506	16.506	0.000	92	354229	5.00	4.75	
94 1,2-Dichlorobenzene	146	16.578	16.578	0.000	95	363866	5.00	4.89	
93 Hexachloroethane	117	16.814	16.814	0.000	89	219335	NC	NC	
95 1,2-Dibromo-3-Chloropropane	157	17.179	17.179	0.000	79	167989	NC	NC	
97 1,2,4-Trichlorobenzene	180	17.881	17.881	0.000	91	258536	5.00	5.15	
96 Hexachlorobutadiene	225	17.982	17.982	0.000	88	225325	5.00	4.98	
98 Naphthalene	128	18.161	18.161	0.000	97	587786	5.00	4.93	
S 100 1,2-Dichloroethene, Total	61				0	512901	10.0	0	
S 109 1,3-Dichloropropene, Total	75				0		10.0	8.88	
S 101 Xylenes, Total	91				0	1642509	15.0	0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

AIRCAL10.0_00621

Amount Added: 100.00

Units: mL

AIRIS200 ppb_00532

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 07-Oct-2025 18:28:37

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X02.D

Injection Date: 07-Oct-2025 14:05:28

Instrument ID: HP8R004

Lims ID: CCVIS

Client ID:

Operator ID: al109694

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 200.000 mL

Dil. Factor:

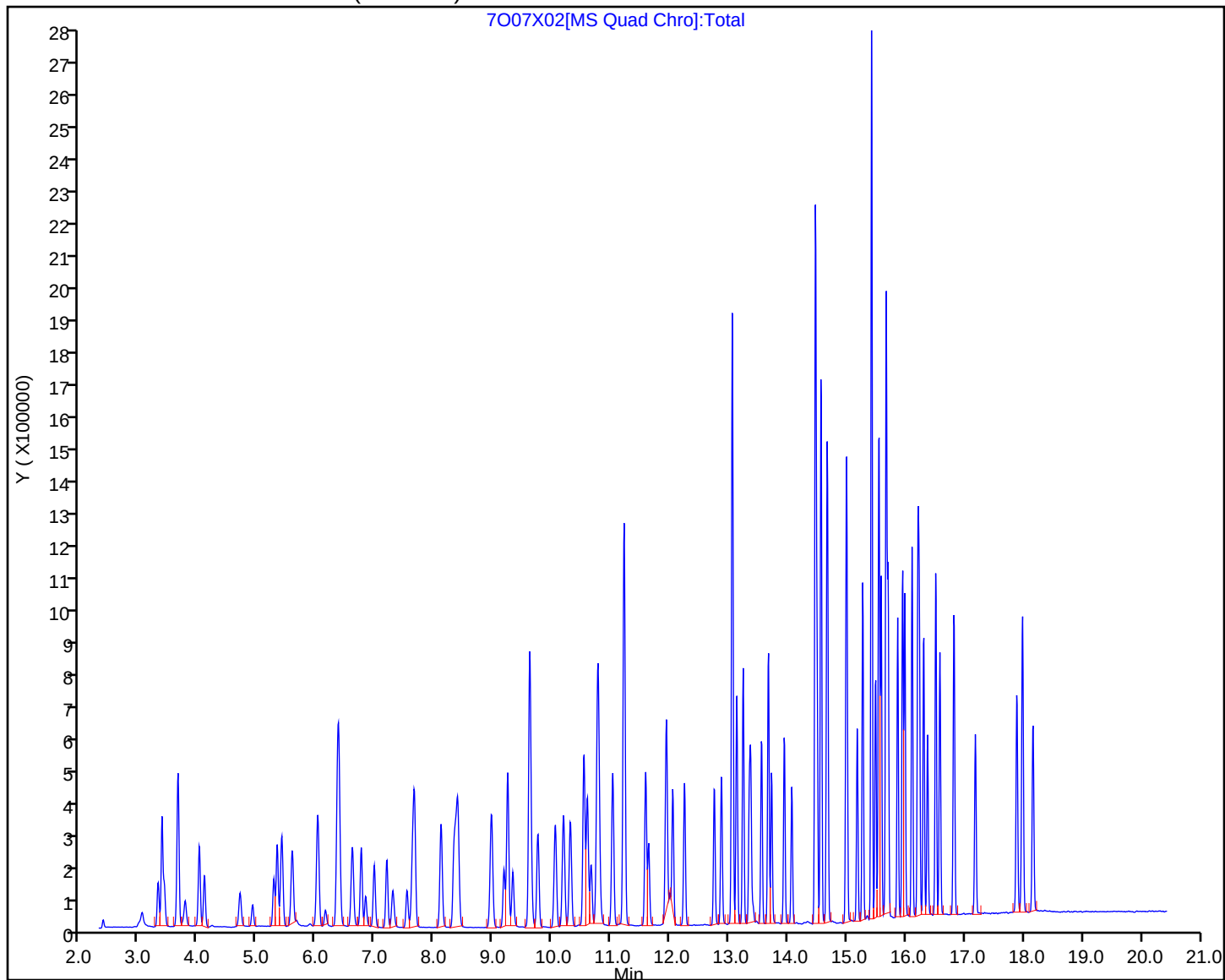
1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

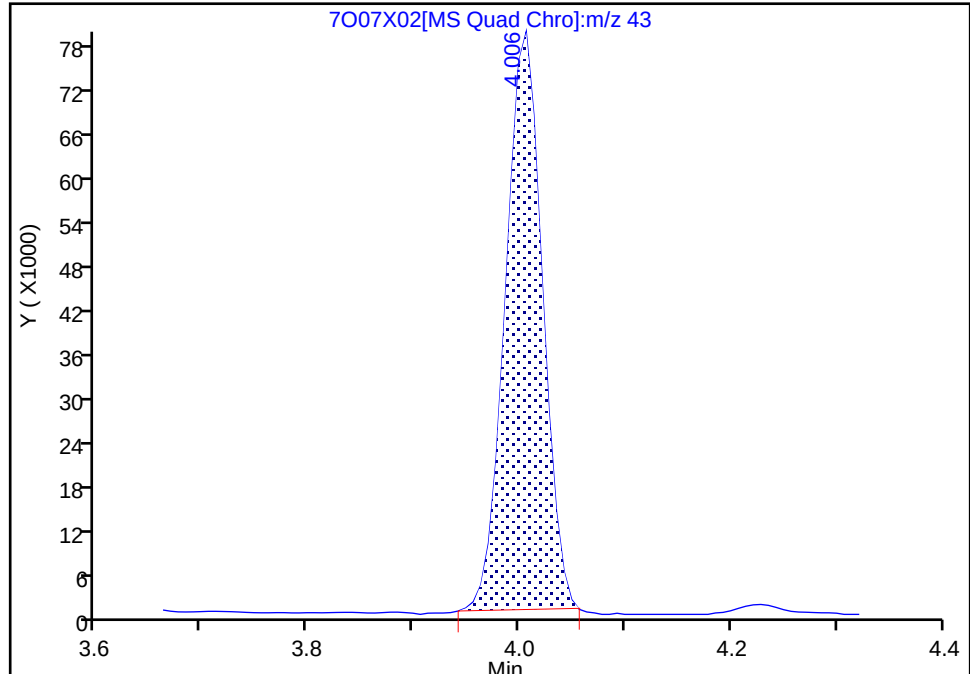
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X02.D
Injection Date: 07-Oct-2025 14:05:28 Instrument ID: HP8R004
Lims ID: CCVIS
Client ID:
Operator ID: al109694 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

124 Butane, CAS: 106-97-8

Signal: 1

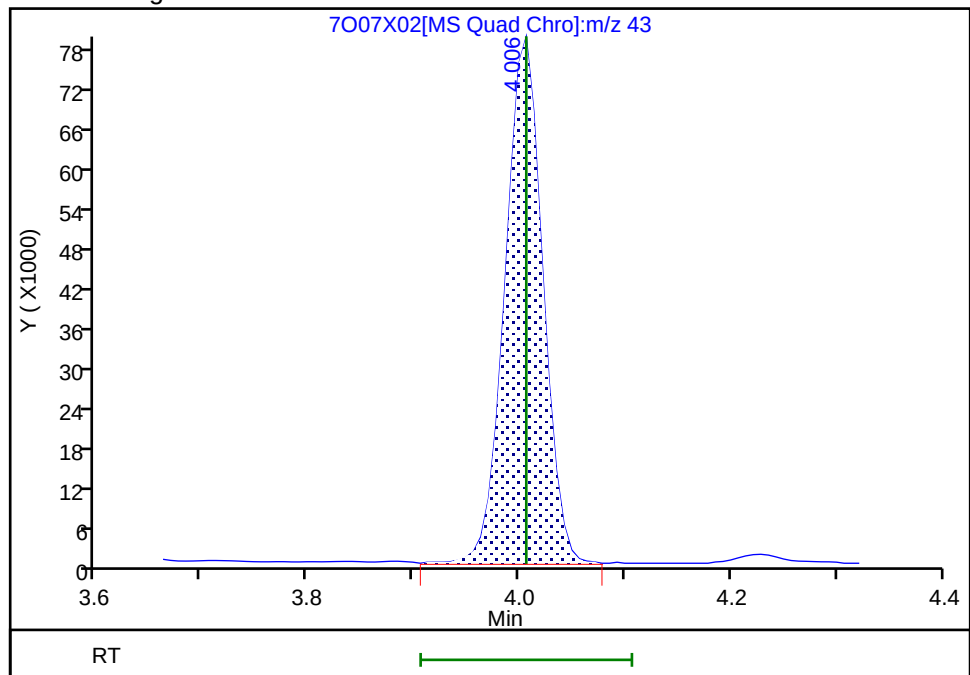
RT: 4.01
Area: 191893
Amount: 3.442220
Amount Units: ppb v/v

Processing Integration Results



RT: 4.01
Area: 196618
Amount: 3.526978
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 07-Oct-2025 14:32:52 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

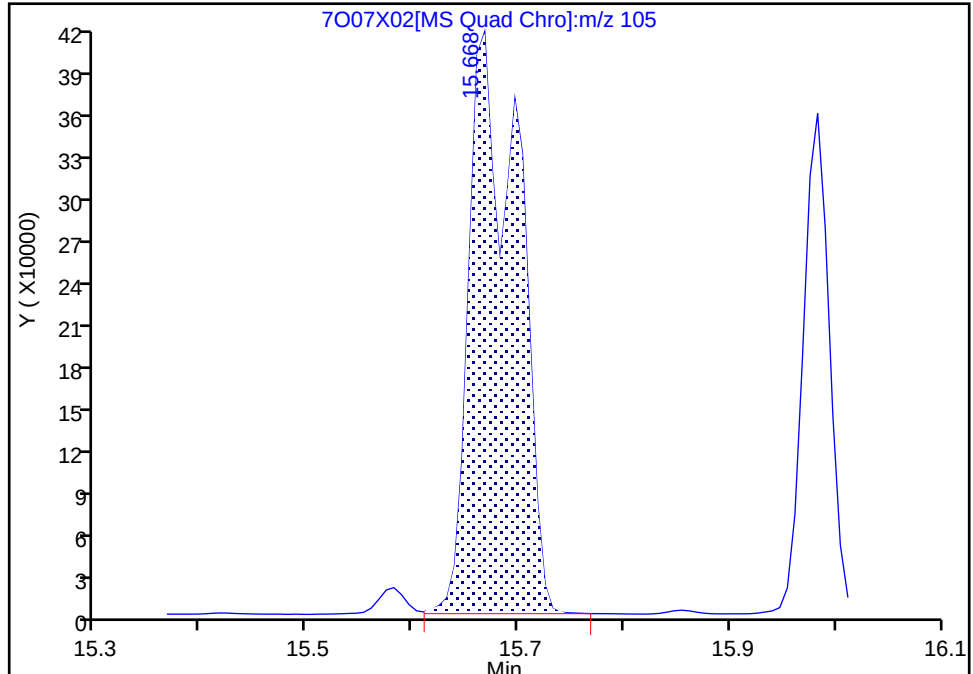
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X02.D
Injection Date: 07-Oct-2025 14:05:28 Instrument ID: HP8R004
Lims ID: CCVIS
Client ID:
Operator ID: al109694 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

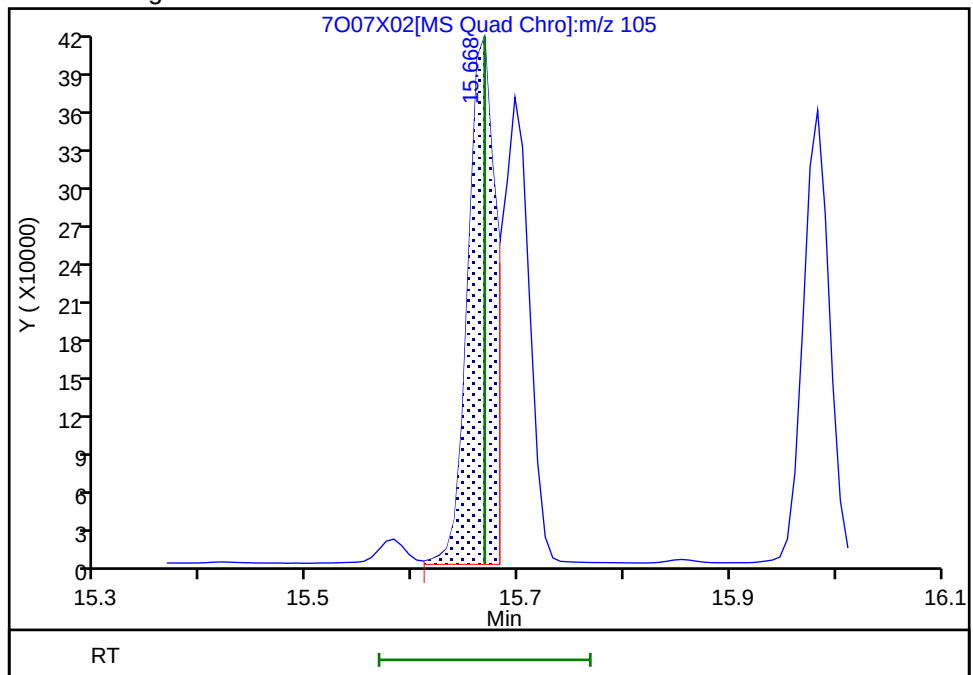
RT: 15.67
Area: 1331448
Amount: 9.289047
Amount Units: ppb v/v

Processing Integration Results



RT: 15.67
Area: 719766
Amount: 5.021556
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 07-Oct-2025 16:29:14 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

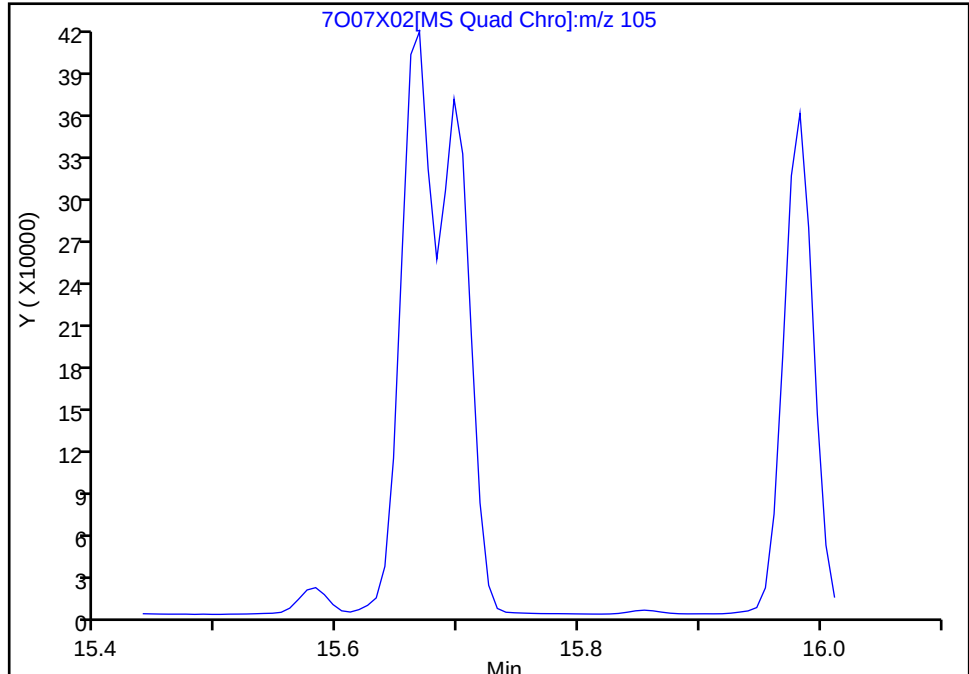
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X02.D
Injection Date: 07-Oct-2025 14:05:28 Instrument ID: HP8R004
Lims ID: CCVIS
Client ID:
Operator ID: al109694 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

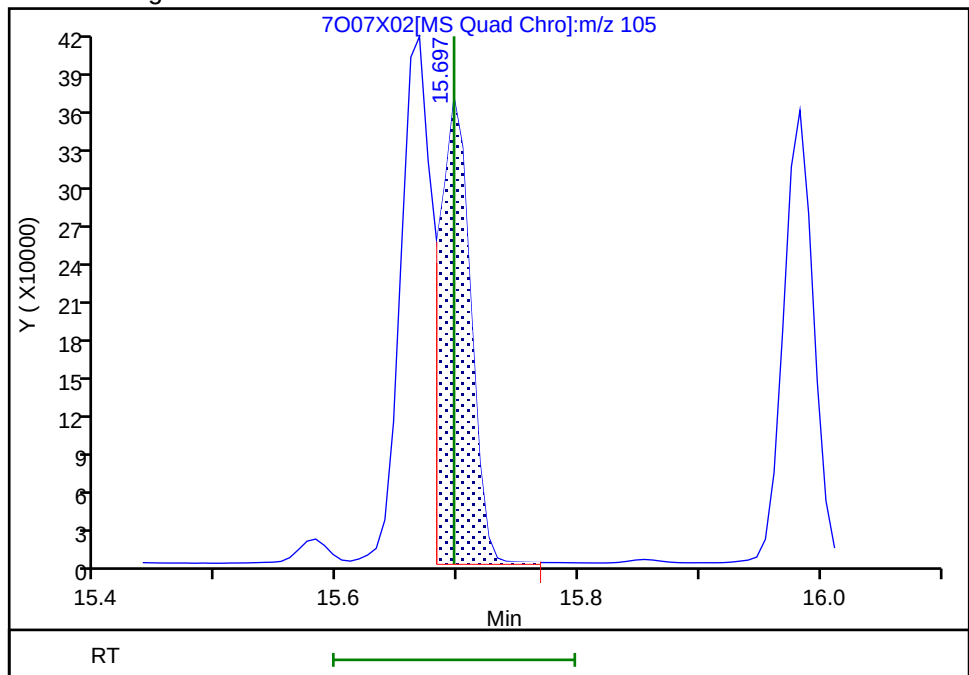
Not Detected
Expected RT: 15.70

Processing Integration Results



RT: 15.70
Area: 611681
Amount: 5.330752
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 07-Oct-2025 16:29:24 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07T01.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 07-Sep-2025 22:04:07 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 200.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 410-0158855-001
 Operator ID: AL109694 Instrument ID: HP8R004
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 10-Sep-2025 12:33:15 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1629

First Level Reviewer: D7UM

Date: 08-Sep-2025 13:52:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
* 35 Chlorobromomethane (IS)	130	9.608	9.608	0.000	91	184729	10.0	10.0	a
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.525	10.525	0.000	0	305986	NC	NC	a
* 50 1,4-Difluorobenzene	114	11.212	11.212	0.000	96	735056	10.0	10.0	a
\$ 103 Toluene-d8 (Surr)	98	13.053	13.053	0.000	95	823774	NC	NC	a
* 68 Chlorobenzene-d5 (IS)	117	14.464	14.464	0.000	89	725125	10.0	10.0	a
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

AIRBFB100ppb_00096

Amount Added: 20.00

Units: mL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07T01.D

Injection Date: 07-Sep-2025 22:04:07

Instrument ID: HP8R004

Lims ID: BFB

Client ID:

Operator ID: AL109694

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 200.0 mL

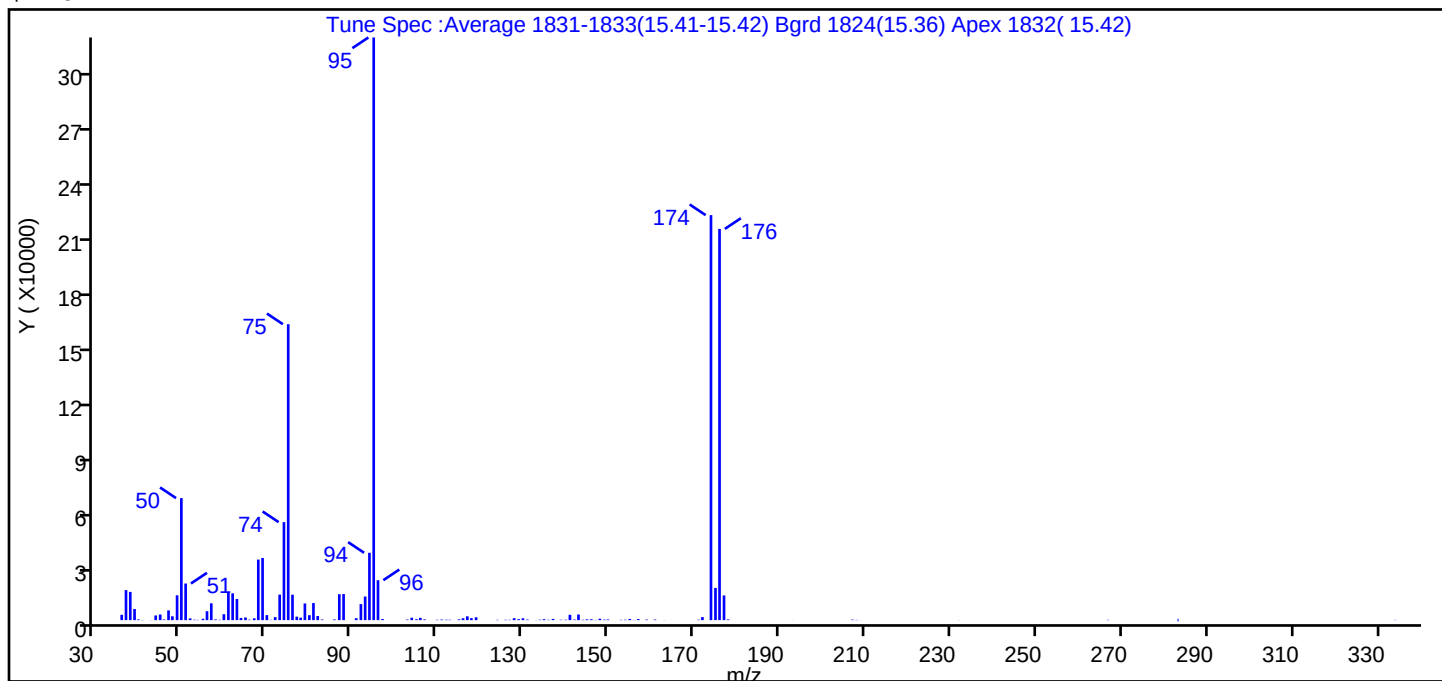
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Tune Method: BFB Method TO-15

\$ 110 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	20.9
75	30.0 to 66.0 Percent of m/e 95	50.8
96	5.0 to 9.0 Percent of m/e 95	6.9
173	Less than 2.0 Percent of m/e 174	0.0 (0.0)
174	50.0 to 120.0 Percent of m/e 95	69.5
175	4.0 to 9.0 Percent of m/e 174	5.5 (8.0)
176	93.0 to 101.0 Percent of m/e 174	67.1 (96.6)
177	5.0 to 9.0 Percent of m/e 176	4.2 (6.3)

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07T01.D\TO15LLMethods_HP8R004.rs

Injection Date: 07-Sep-2025 22:04:07

Spectrum: Tune Spec :Average 1831-1833(15.41-15.42) Bgrd 1824(15.36) Apex 1832(15.42)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 119

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2868	67.00	984	106.00	1234	146.00	468
37.00	16025	68.00	32344	107.00	362	147.00	106
38.00	15083	69.00	33184	110.00	201	148.00	754
39.00	5952	70.00	2682	111.00	315	149.00	280
40.00	397	71.00	164	112.00	241	150.00	358
41.00	76	72.00	1617	113.00	205	153.00	176
43.00	71	73.00	13635	115.00	434	154.00	226
44.00	2503	74.00	52336	116.00	1024	155.00	640
45.00	3016	75.00	158016	117.00	2045	156.00	110
46.00	345	76.00	13592	118.00	1070	157.00	547
47.00	5204	77.00	1870	119.00	1525	159.00	299
48.00	2044	78.00	1304	124.00	177	161.00	320
49.00	13274	79.00	8908	126.00	202	163.00	52
50.00	65160	80.00	2643	127.00	192	171.00	231
51.00	19560	81.00	9129	128.00	1036	172.00	1630
52.00	941	82.00	2207	129.00	510	174.00	216256
53.00	227	83.00	332	130.00	1004	175.00	17216
54.00	133	86.00	380	131.00	313	176.00	208896
55.00	748	87.00	13843	133.00	50	177.00	13199
56.00	4773	88.00	13926	134.00	226	178.00	386
57.00	8994	91.00	1058	135.00	513	191.00	12
58.00	383	92.00	8563	136.00	187	193.00	36
59.00	189	93.00	12625	137.00	669	207.00	279
60.00	3162	94.00	35960	139.00	208	208.00	137
61.00	14636	95.00	311104	140.00	235	209.00	47
62.00	14317	96.00	21320	141.00	2866	232.00	51
63.00	11282	97.00	594	142.00	305	267.00	180
64.00	1159	103.00	312	143.00	3018	283.00	1
65.00	1425	104.00	1283	144.00	202	334.00	123
66.00	246	105.00	485	145.00	429		

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07T01.D

Injection Date: 07-Sep-2025 22:04:07

Instrument ID: HP8R004

Lims ID: BFB

Client ID:

Operator ID: AL109694

ALS Bottle#: 1

Worklist Smp#: 1

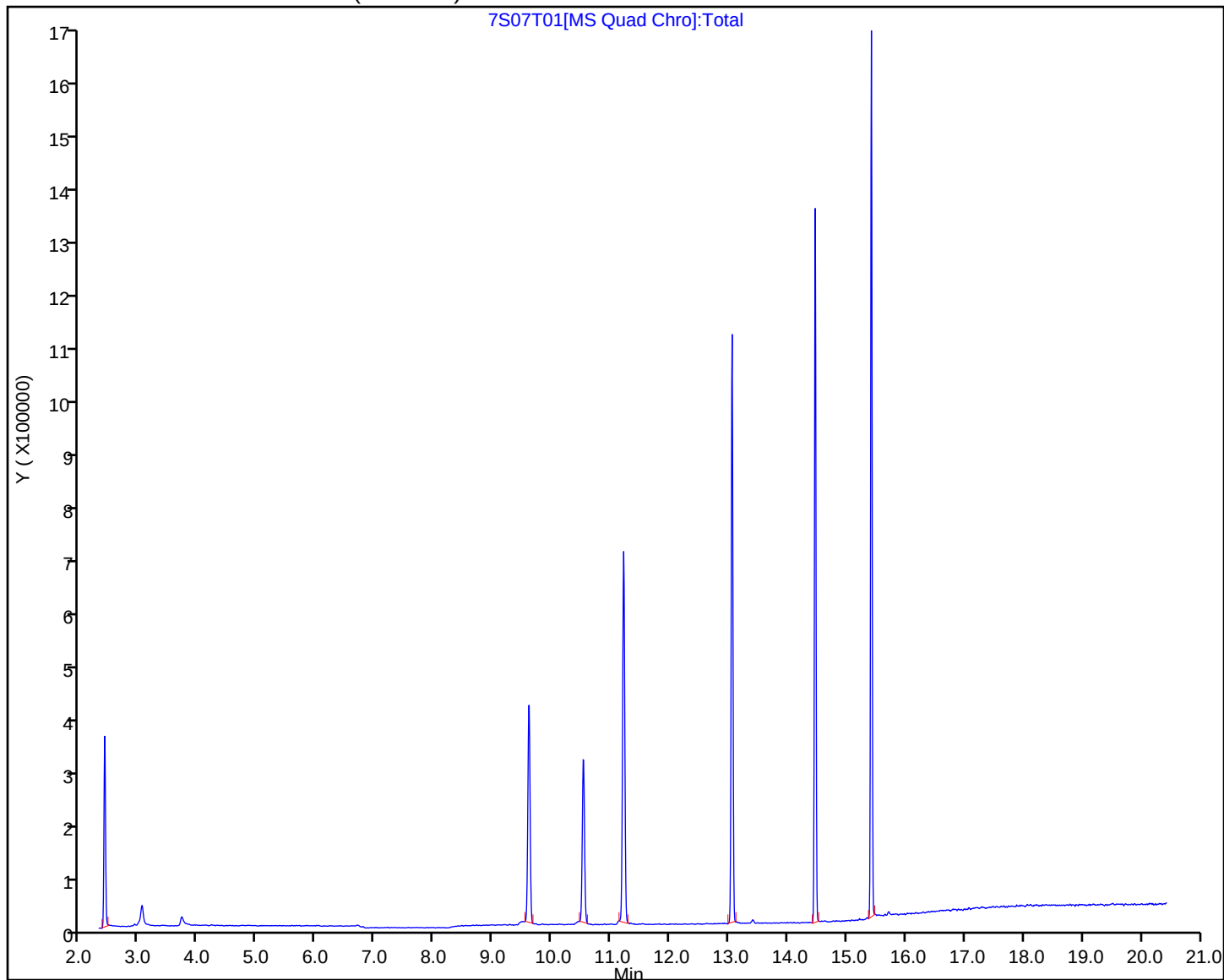
Injection Vol: 200.0 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05T01.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 05-Oct-2025 14:24:48 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 200.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 410-0162026-001
 Operator ID: AL109694 Instrument ID: HP8R004
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 06-Oct-2025 09:06:58 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1612

First Level Reviewer: D7UM

Date: 06-Oct-2025 08:52:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
* 35 Chlorobromomethane (IS)	130	9.608	9.608	0.000	94	216993	10.0	10.0	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.532	10.532	0.000	0	334597	NC	NC	
* 50 1,4-Difluorobenzene	114	11.212	11.212	0.000	95	871727	10.0	10.0	
\$ 103 Toluene-d8 (Surr)	98	13.053	13.053	0.000	95	959253	NC	NC	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.465	0.000	88	869868	10.0	10.0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

AIRBFB100ppb_00097

Amount Added: 20.00

Units: mL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05T01.D

Injection Date: 05-Oct-2025 14:24:48

Instrument ID: HP8R004

Lims ID: BFB

Client ID:

Operator ID: AL109694

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 200.0 mL

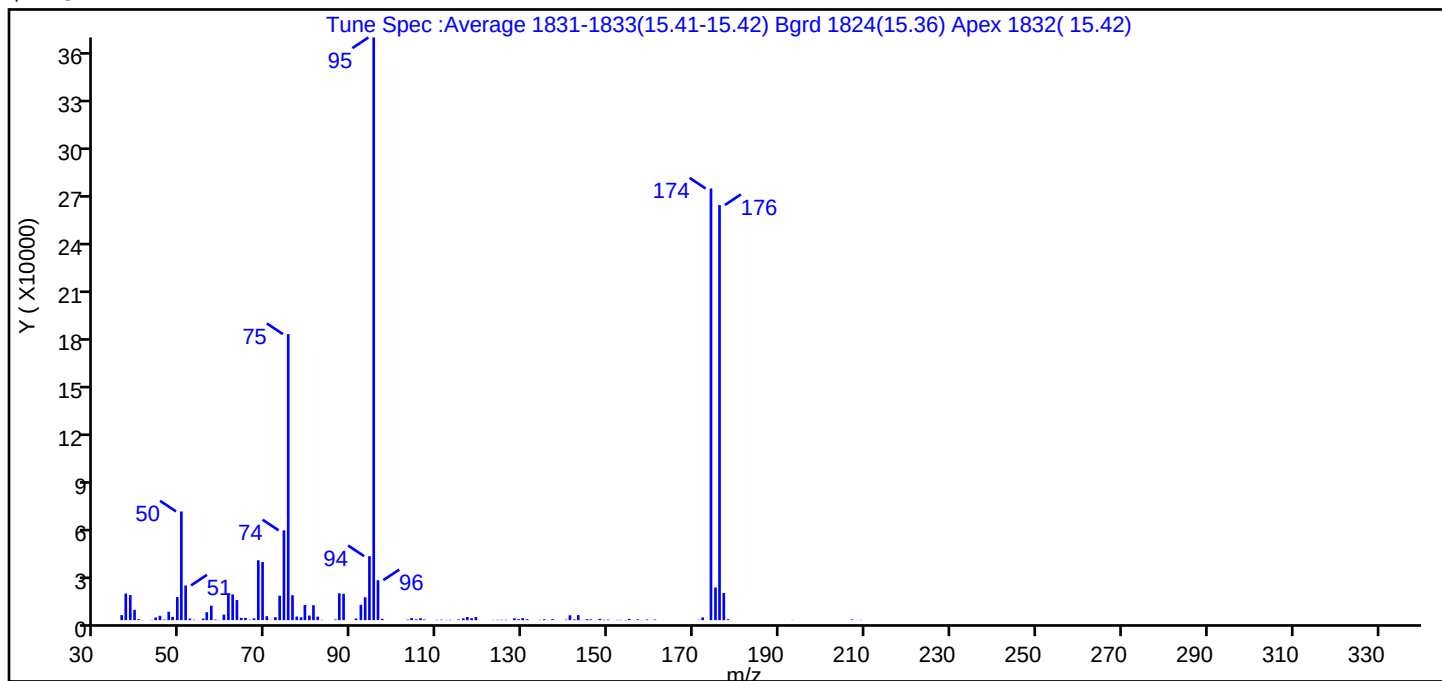
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Tune Method: BFB Method TO-15

\$ 110 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	18.7
75	30.0 to 66.0 Percent of m/e 95	49.1
96	5.0 to 9.0 Percent of m/e 95	6.9
173	Less than 2.0 Percent of m/e 174	0.0 (0.0)
174	50.0 to 120.0 Percent of m/e 95	74.1
175	4.0 to 9.0 Percent of m/e 174	5.6 (7.6)
176	93.0 to 101.0 Percent of m/e 174	71.2 (96.2)
177	5.0 to 9.0 Percent of m/e 176	4.7 (6.6)

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05T01.D\TO15LLMethods_HP8R004.r

Injection Date: 05-Oct-2025 14:24:48

Spectrum: Tune Spec :Average 1831-1833(15.41-15.42) Bgrd 1824(15.36) Apex 1832(15.42)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 118

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3113	67.00	1105	106.00	1194	147.00	71
37.00	16488	68.00	37072	107.00	399	148.00	782
38.00	15568	69.00	36016	110.00	225	149.00	263
39.00	6367	70.00	2441	111.00	319	150.00	318
40.00	599	71.00	134	112.00	154	152.00	200
41.00	77	72.00	1839	113.00	233	153.00	227
43.00	159	73.00	15134	115.00	491	154.00	150
44.00	1626	74.00	55648	116.00	1117	155.00	729
45.00	2702	75.00	177280	117.00	1932	156.00	50
46.00	366	76.00	15458	118.00	1197	157.00	506
47.00	5200	77.00	2244	119.00	1941	158.00	53
48.00	1974	78.00	1755	123.00	130	159.00	417
49.00	14297	79.00	9409	124.00	222	161.00	384
50.00	67376	80.00	2851	125.00	253	163.00	55
51.00	21488	81.00	9268	126.00	233	171.00	183
52.00	961	82.00	2171	128.00	1112	172.00	1663
53.00	262	83.00	205	129.00	594	174.00	267520
54.00	51	86.00	415	130.00	1272	175.00	20264
55.00	953	87.00	16616	131.00	573	176.00	257280
56.00	4939	88.00	16320	134.00	208	177.00	16856
57.00	8943	91.00	1018	135.00	577	178.00	542
58.00	352	92.00	9471	136.00	57	191.00	39
59.00	121	93.00	14178	137.00	595	193.00	97
60.00	3409	94.00	39648	140.00	318	207.00	436
61.00	15576	95.00	361152	141.00	3026	208.00	30
62.00	15954	96.00	24768	142.00	493	209.00	157
63.00	12452	97.00	812	143.00	3113	267.00	14
64.00	1412	103.00	328	144.00	128	334.00	28
65.00	1407	104.00	1305	145.00	618		
66.00	228	105.00	534	146.00	476		

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05T01.D

Injection Date: 05-Oct-2025 14:24:48

Instrument ID: HP8R004

Lims ID: BFB

Client ID:

Operator ID: AL109694

ALS Bottle#: 1

Worklist Smp#: 1

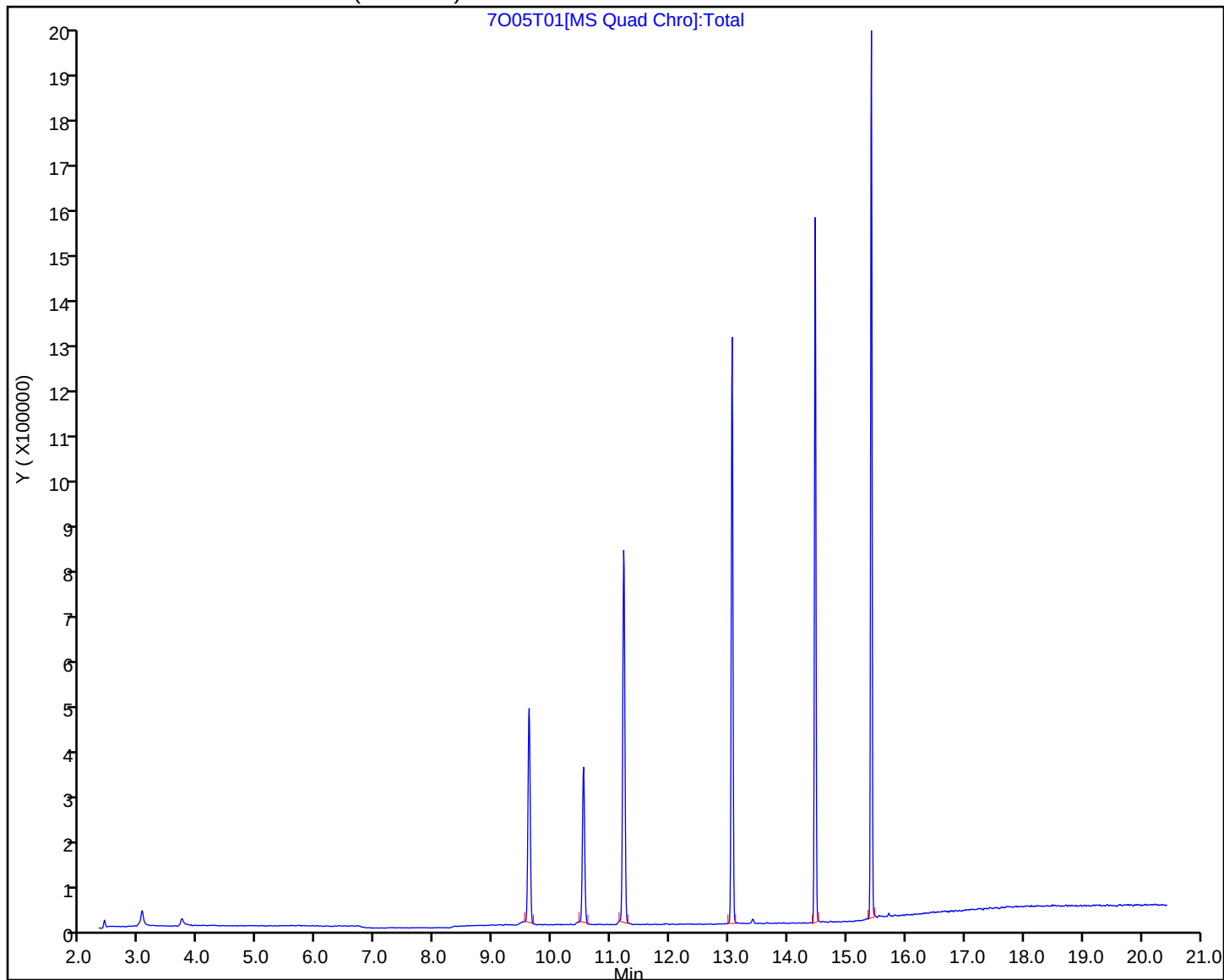
Injection Vol: 200.0 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06T01.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 06-Oct-2025 11:57:39 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 200.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 410-0162112-001
 Operator ID: sn105465 Instrument ID: HP8R004
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 07-Oct-2025 16:15:11 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1671

First Level Reviewer: D7UM

Date: 06-Oct-2025 12:22:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
* 35 Chlorobromomethane (IS)	130	9.615	9.615	0.000	95	163319	10.0	10.0	s
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.532	10.532	0.000	0	265628	NC	NC	
* 50 1,4-Difluorobenzene	114	11.220	11.220	0.000	95	653542	10.0	10.0	s
\$ 103 Toluene-d8 (Surr)	98	13.053	13.053	0.000	94	725356	NC	NC	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.465	0.000	88	666468	10.0	10.0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

s - Failed ISTD Recovery Test

Reagents:

AIRBFB100ppb_00097

Amount Added: 20.00

Units: mL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06T01.D

Injection Date: 06-Oct-2025 11:57:39

Instrument ID: HP8R004

Lims ID: BFB

Client ID:

Operator ID: sn105465

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 200.0 mL

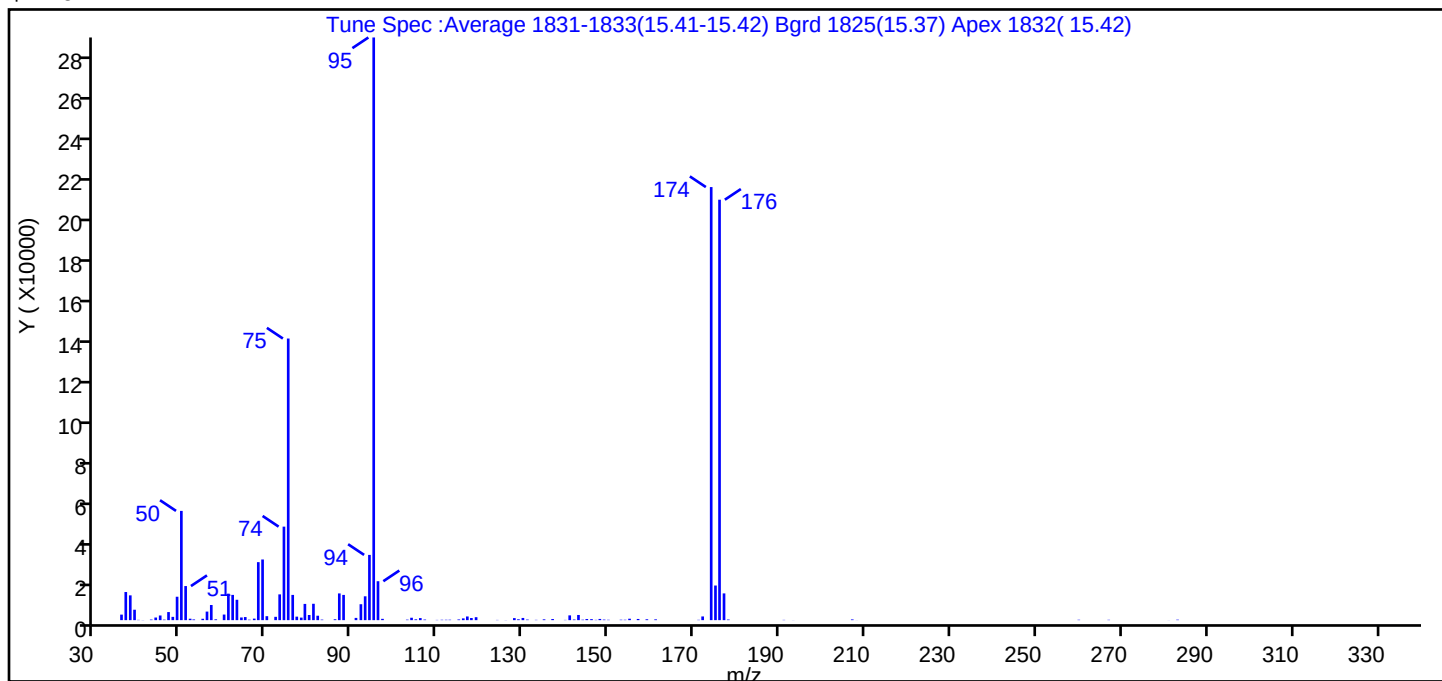
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Tune Method: BFB Method TO-15

\$ 110 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	18.8
75	30.0 to 66.0 Percent of m/e 95	48.3
96	5.0 to 9.0 Percent of m/e 95	6.7
173	Less than 2.0 Percent of m/e 174	0.0 (0.0)
174	50.0 to 120.0 Percent of m/e 95	74.3
175	4.0 to 9.0 Percent of m/e 174	5.9 (8.0)
176	93.0 to 101.0 Percent of m/e 174	72.2 (97.1)
177	5.0 to 9.0 Percent of m/e 176	4.6 (6.4)

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06T01.D\TO15LLMethods_HP8R004.r

Injection Date: 06-Oct-2025 11:57:39

Spectrum: Tune Spec :Average 1831-1833(15.41-15.42) Bgrd 1825(15.37) Apex 1832(15.42)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 110

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2659	67.00	735	105.00	392	147.00	134
37.00	13521	68.00	27888	106.00	986	148.00	576
38.00	11920	69.00	29168	107.00	279	149.00	260
39.00	5009	70.00	1909	110.00	114	150.00	175
40.00	136	72.00	1598	111.00	182	153.00	205
41.00	58	73.00	12392	112.00	187	154.00	185
43.00	282	74.00	44968	113.00	205	155.00	682
44.00	1256	75.00	135424	115.00	334	157.00	567
45.00	2241	76.00	12134	116.00	848	159.00	418
46.00	247	77.00	1682	117.00	1762	161.00	376
47.00	3882	78.00	1221	118.00	1024	171.00	152
48.00	1576	79.00	7806	119.00	1418	172.00	1777
49.00	11254	80.00	2477	124.00	111	174.00	208256
50.00	52536	81.00	7873	126.00	54	175.00	16648
51.00	16392	82.00	2126	128.00	980	176.00	202176
52.00	685	83.00	253	129.00	410	177.00	12860
53.00	331	86.00	418	130.00	1054	178.00	291
55.00	660	87.00	12851	131.00	278	191.00	126
56.00	4115	88.00	12134	133.00	142	193.00	34
57.00	7277	91.00	1078	135.00	386	207.00	342
58.00	394	92.00	7657	137.00	532	208.00	26
60.00	2689	93.00	11463	140.00	118	260.00	186
61.00	12731	94.00	31376	141.00	2293	267.00	163
62.00	12141	95.00	280192	142.00	302	281.00	32
63.00	9793	96.00	18720	143.00	2484	283.00	226
64.00	1288	97.00	628	144.00	209	334.00	8
65.00	1482	103.00	241	145.00	536		
66.00	224	104.00	1154	146.00	475		

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06T01.D

Injection Date: 06-Oct-2025 11:57:39

Instrument ID: HP8R004

Lims ID: BFB

Client ID:

Operator ID: sn105465

ALS Bottle#: 1

Worklist Smp#: 1

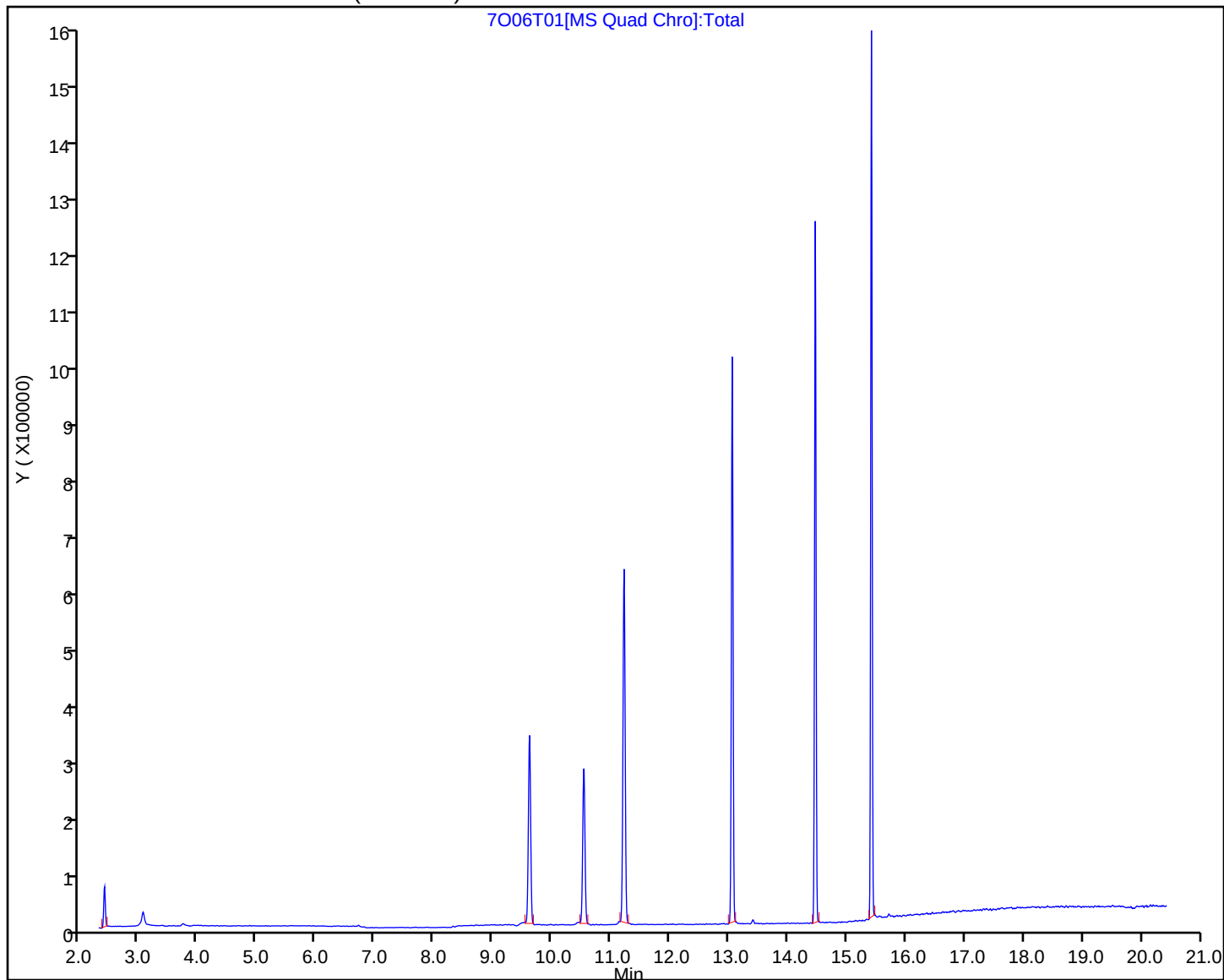
Injection Vol: 200.0 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07T01.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 07-Oct-2025 13:03:22 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 200.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 410-0162271-001
 Operator ID: al109694 Instrument ID: HP8R004
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 07-Oct-2025 18:28:48 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1660

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
* 35 Chlorobromomethane (IS)	130	9.615	9.615	0.000	95	660202	10.0	10.0	s
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.532	10.532	0.000	0	963638	NC	NC	
* 50 1,4-Difluorobenzene	114	11.220	11.220	0.000	95	2569355	10.0	10.0	s
\$ 103 Toluene-d8 (Surr)	98	13.053	13.053	0.000	94	2719845	NC	NC	
* 68 Chlorobenzene-d5 (IS)	117	14.464	14.464	0.000	86	2368579	10.0	10.0	s
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

s - Failed ISTD Recovery Test

Reagents:

AIRBFB100ppb_00097

Amount Added: 20.00

Units: mL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07T01.D

Injection Date: 07-Oct-2025 13:03:22

Instrument ID: HP8R004

Lims ID: BFB

Client ID:

Operator ID: al109694

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 200.0 mL

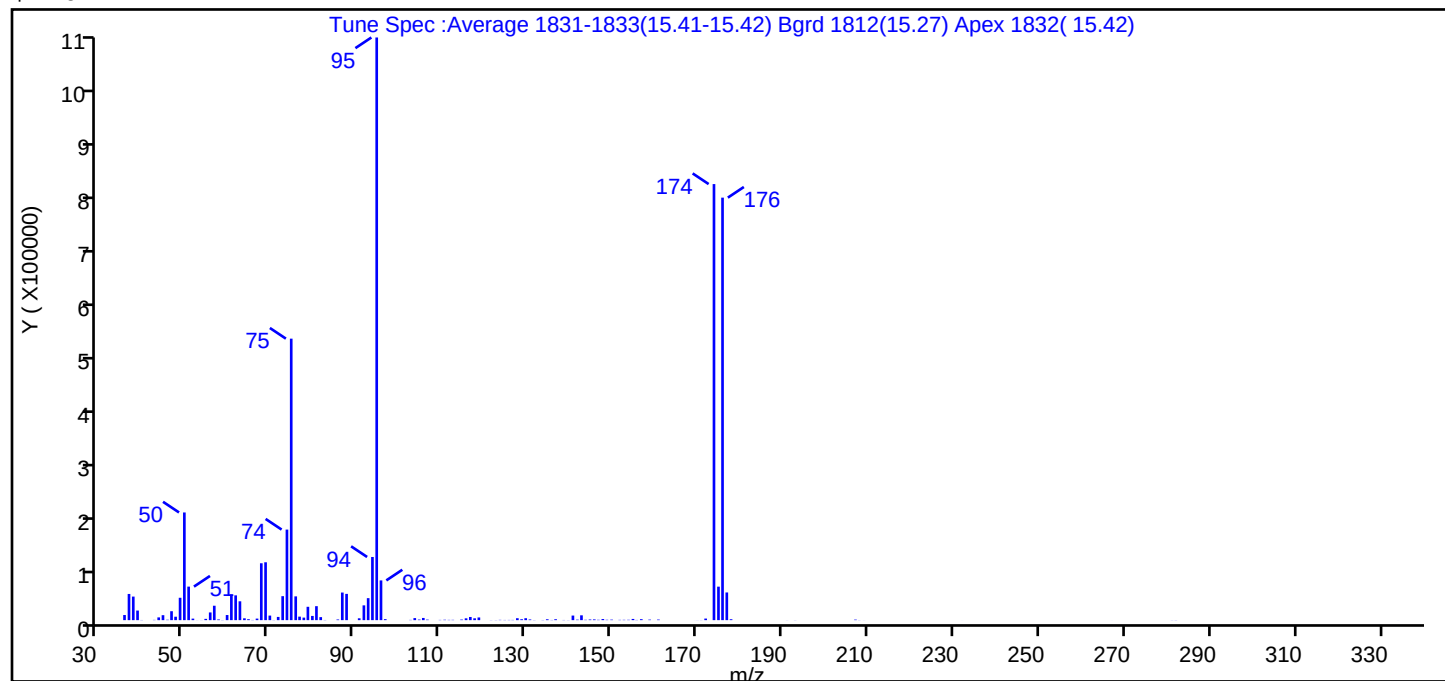
Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Tune Method: BFB Method TO-15

\$ 110 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	18.5
75	30.0 to 66.0 Percent of m/e 95	48.3
96	5.0 to 9.0 Percent of m/e 95	6.8
173	Less than 2.0 Percent of m/e 174	0.0 (0.0)
174	50.0 to 120.0 Percent of m/e 95	74.8
175	4.0 to 9.0 Percent of m/e 174	5.7 (7.7)
176	93.0 to 101.0 Percent of m/e 174	72.5 (96.9)
177	5.0 to 9.0 Percent of m/e 176	4.8 (6.6)

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07T01.D\TO15LLMethods_HP8R004.r

Injection Date: 07-Oct-2025 13:03:22

Spectrum: Tune Spec :Average 1831-1833(15.41-15.42) Bgrd 1812(15.27) Apex 1832(15.42)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 124

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	8849	69.00	99912	111.00	693	147.00	597
37.00	45216	70.00	7868	112.00	467	148.00	1910
38.00	40688	71.00	206	113.00	526	149.00	636
39.00	16560	72.00	5556	115.00	1008	150.00	890
40.00	282	73.00	41408	116.00	3143	152.00	485
43.00	447	74.00	156352	117.00	5452	153.00	564
44.00	4744	75.00	486016	118.00	3183	154.00	612
45.00	8555	76.00	41048	119.00	4628	155.00	2080
46.00	684	77.00	6048	122.00	188	156.00	347
47.00	15432	78.00	4378	123.00	213	157.00	1640
48.00	5921	79.00	23048	124.00	493	159.00	920
49.00	38632	80.00	7260	125.00	337	161.00	1002
50.00	185920	81.00	24128	126.00	385	169.00	58
51.00	57888	82.00	5218	127.00	374	170.00	122
52.00	2624	83.00	282	128.00	3314	171.00	154
53.00	109	86.00	1168	129.00	1567	172.00	2730
54.00	129	87.00	47656	130.00	3320	174.00	752896
55.00	2207	88.00	45336	131.00	1196	175.00	57824
56.00	13304	91.00	3194	132.00	220	176.00	729472
57.00	24880	92.00	25520	134.00	264	177.00	47792
58.00	1207	93.00	37976	135.00	1491	178.00	1551
59.00	230	94.00	109056	136.00	291	191.00	113
60.00	8817	95.00	1006016	137.00	1558	193.00	153
61.00	44416	96.00	68600	139.00	307	207.00	919
62.00	42808	97.00	1687	140.00	175	208.00	166
63.00	32528	103.00	436	141.00	7901	209.00	82
64.00	3179	104.00	3546	142.00	859	232.00	36
65.00	1632	105.00	1005	143.00	8324	267.00	38
66.00	312	106.00	3788	144.00	618	281.00	158
67.00	2667	107.00	914	145.00	1123	282.00	198
68.00	98232	110.00	409	146.00	1270	334.00	50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07T01.D

Injection Date: 07-Oct-2025 13:03:22

Instrument ID: HP8R004

Lims ID: BFB

Client ID:

Operator ID: al109694

ALS Bottle#: 1

Worklist Smp#: 1

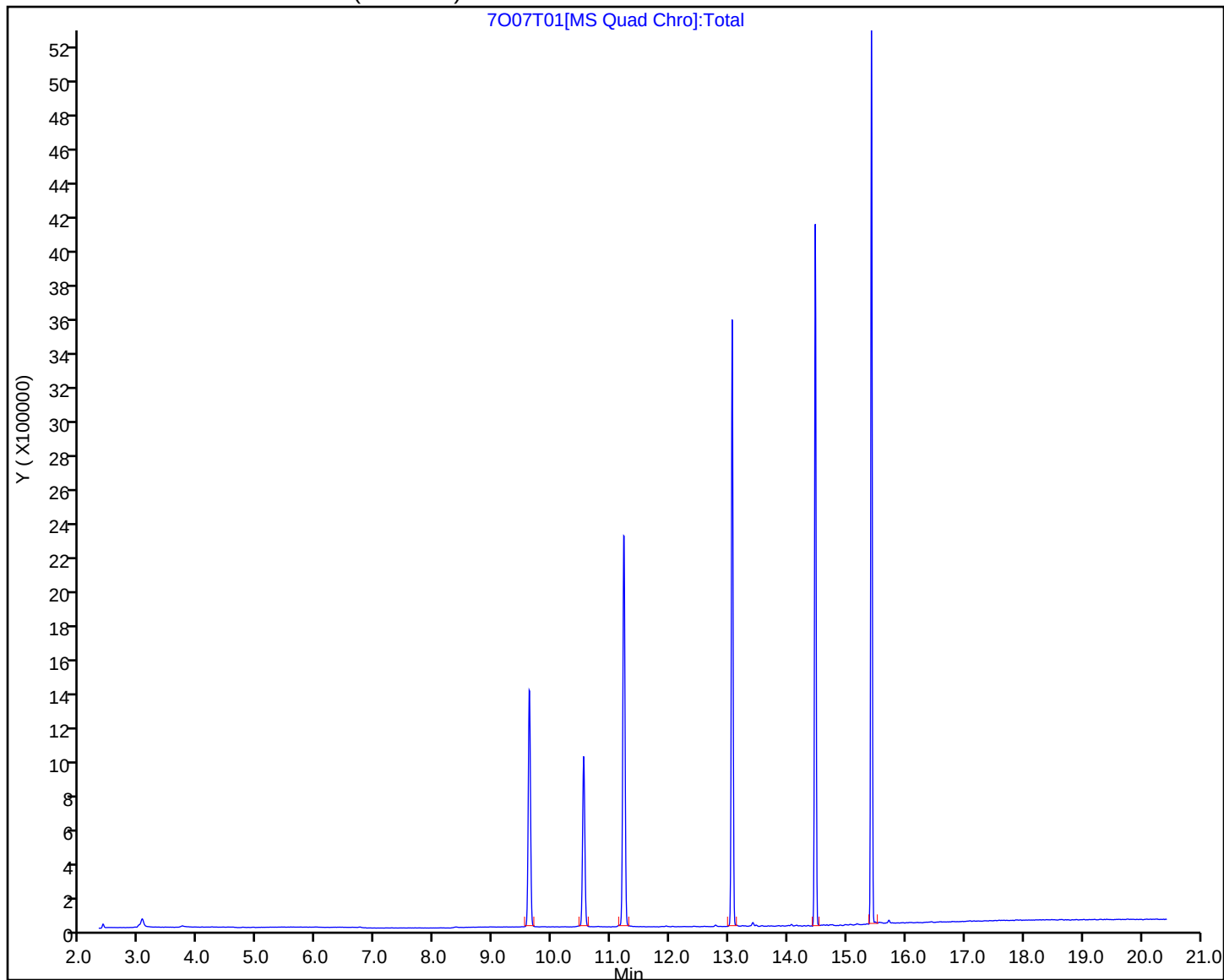
Injection Vol: 200.0 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-709300/7

Matrix: Air Lab File ID: 7005X06.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/05/2025 17:40

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709300 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.38
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.45
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
123-91-1	1,4-Dioxane	88.11	18	U	18	0.17
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.5
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.1	U	2.1	0.53
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.1	U	2.1	0.62
67-64-1	Acetone	58.08	12	U	12	3.8
71-43-2	Benzene	78.11	0.64	U	0.64	0.14
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.88	U	0.88	0.22
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.41

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-709300/7

Matrix: Air Lab File ID: 7005X06.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/05/2025 17:40

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709300 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.14
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
75-45-6	Chlorodifluoromethane	86.47	1.8	U	1.8	0.42
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.48
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.31
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.11
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.13
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.54
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.23
76-13-1	1,1,2-Trichlorotrifluoro ethane	187.38	1.5	U	1.5	0.41
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.39
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
67-63-0	Isopropyl alcohol	60.10	12	U	12	3.9
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.41
80-62-6	Methyl methacrylate	100.12	2.1	U	2.1	0.57
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
91-20-3	Naphthalene	128.17	2.0	U	2.0	1.6
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-709300/7

Matrix: Air Lab File ID: 7005X06.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/05/2025 17:40

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709300 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
108-88-3	Toluene	92.14	0.75	U	0.75	0.16
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.13
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
103-65-1	N-Propylbenzene	120.19	0.98	U	0.98	0.23
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.34
106-97-8	n-Butane	58.12	1.2	U	1.2	0.48

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-709300/7

Matrix: Air Lab File ID: 7005X06.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/05/2025 17:40

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709300 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
75-35-4	1,1-Dichloroethene	96.94	0.050	U	0.050	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.051
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.047
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
67-64-1	Acetone	58.08	5.0	U	5.0	1.6
71-43-2	Benzene	78.11	0.20	U	0.20	0.044
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-709300/7

Matrix: Air Lab File ID: 7005X06.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/05/2025 17:40

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709300 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.022
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
75-45-6	Chlorodifluoromethane	86.47	0.50	U	0.50	0.12
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.15
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.032
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.015
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.11
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoro ethane	187.38	0.20	U	0.20	0.053
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.055
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.11
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	1.6
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.095
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
91-20-3	Naphthalene	128.17	0.38	U	0.38	0.30
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-709300/7

Matrix: Air Lab File ID: 7005X06.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/05/2025 17:40

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709300 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
108-88-3	Toluene	92.14	0.20	U	0.20	0.042
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-01-6	Trichloroethene	131.39	0.037	U	0.037	0.025
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.050
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
103-65-1	N-Propylbenzene	120.19	0.20	U	0.20	0.047
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061
106-97-8	n-Butane	58.12	0.50	U	0.50	0.20

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X06.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 05-Oct-2025 17:40:38 ALS Bottle#: 3 Worklist Smp#: 7
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 410-0162026-007
 Operator ID: AL109694 Instrument ID: HP8R004
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 06-Oct-2025 09:06:03 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1612

First Level Reviewer: JXC9

Date: 05-Oct-2025 18:14:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.397	3.311	0.086	60	1480		NC	
11 Pentane	43	5.575	5.582	-0.014	55	1684		NC	
19 Acrolein	56	6.170	6.148	0.022	46	645		NC	
23 Acetone	43	6.392	6.377	0.015	91	15797		0.2947	
28 Acetonitrile	41	6.821	6.828	-0.007	1	589		NC	
* 35 Chlorobromomethane (IS)	130	9.615	9.615	0.000	93	360766	10.0	10.0	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.539	10.539	0.000	0	550417	NC	NC	
* 50 1,4-Difluorobenzene	114	11.227	11.219	0.008	95	1326080	10.0	10.0	
51 Dibromomethane	174	12.051	12.043	0.000	28	603		NC	
\$ 103 Toluene-d8 (Surr)	98	13.061	13.060	0.000	95	1410945	NC	NC	
58 n-Octane	43	13.204	13.239	-0.035	1	956		NC	
* 68 Chlorobenzene-d5 (IS)	117	14.472	14.471	0.001	88	1230234	10.0	10.0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

AIRIS200 ppb_00532

Amount Added: 10.00

Units: mL

Run Reagent

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X06.D

Injection Date: 05-Oct-2025 17:40:38

Instrument ID: HP8R004

Lims ID: MB

Client ID:

Operator ID: AL109694

ALS Bottle#: 3

Worklist Smp#: 7

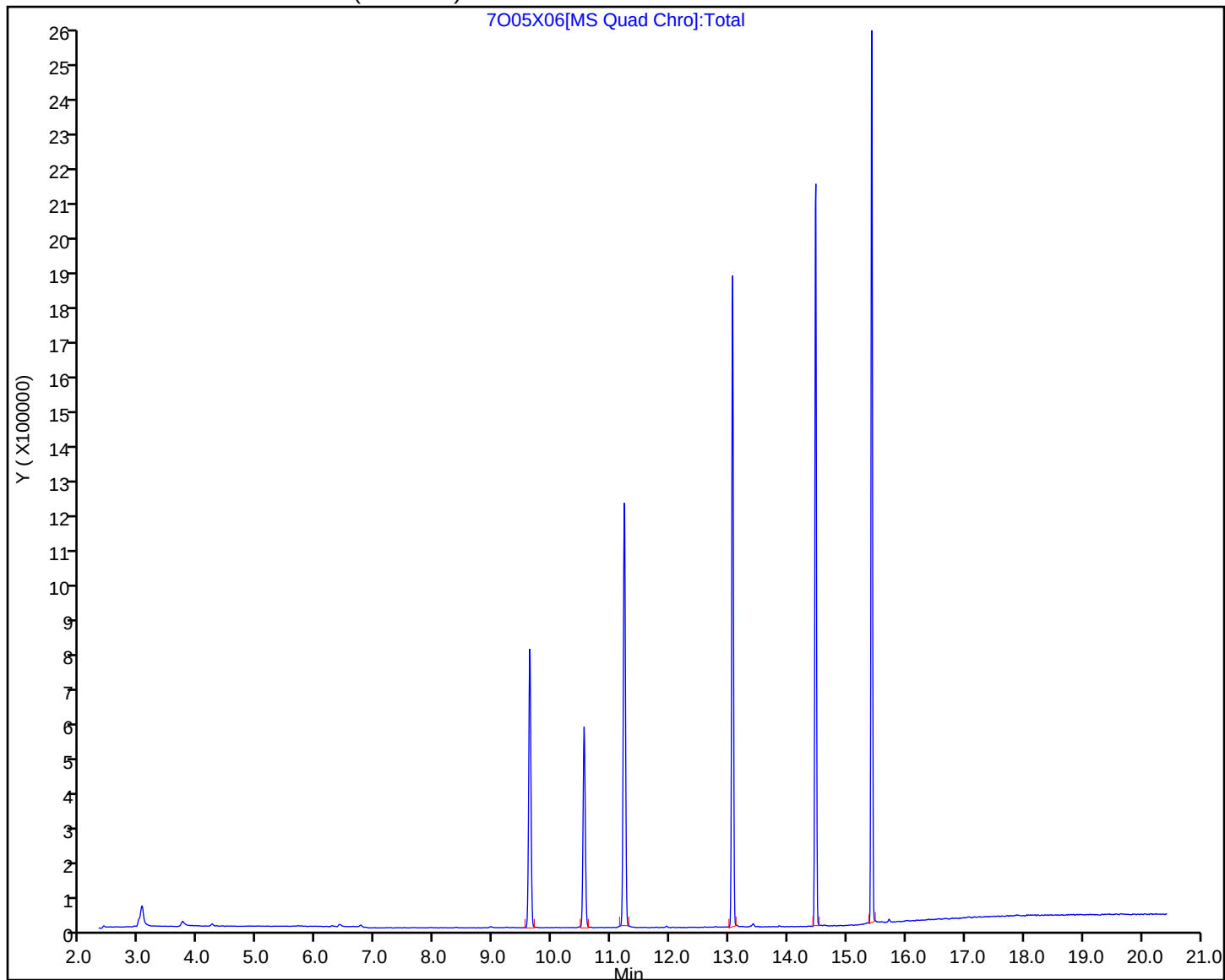
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X06.D

Injection Date: 05-Oct-2025 17:40:38

Instrument ID: HP8R004

Lims ID: MB

Client ID:

Operator ID: AL109694

ALS Bottle#:

3

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

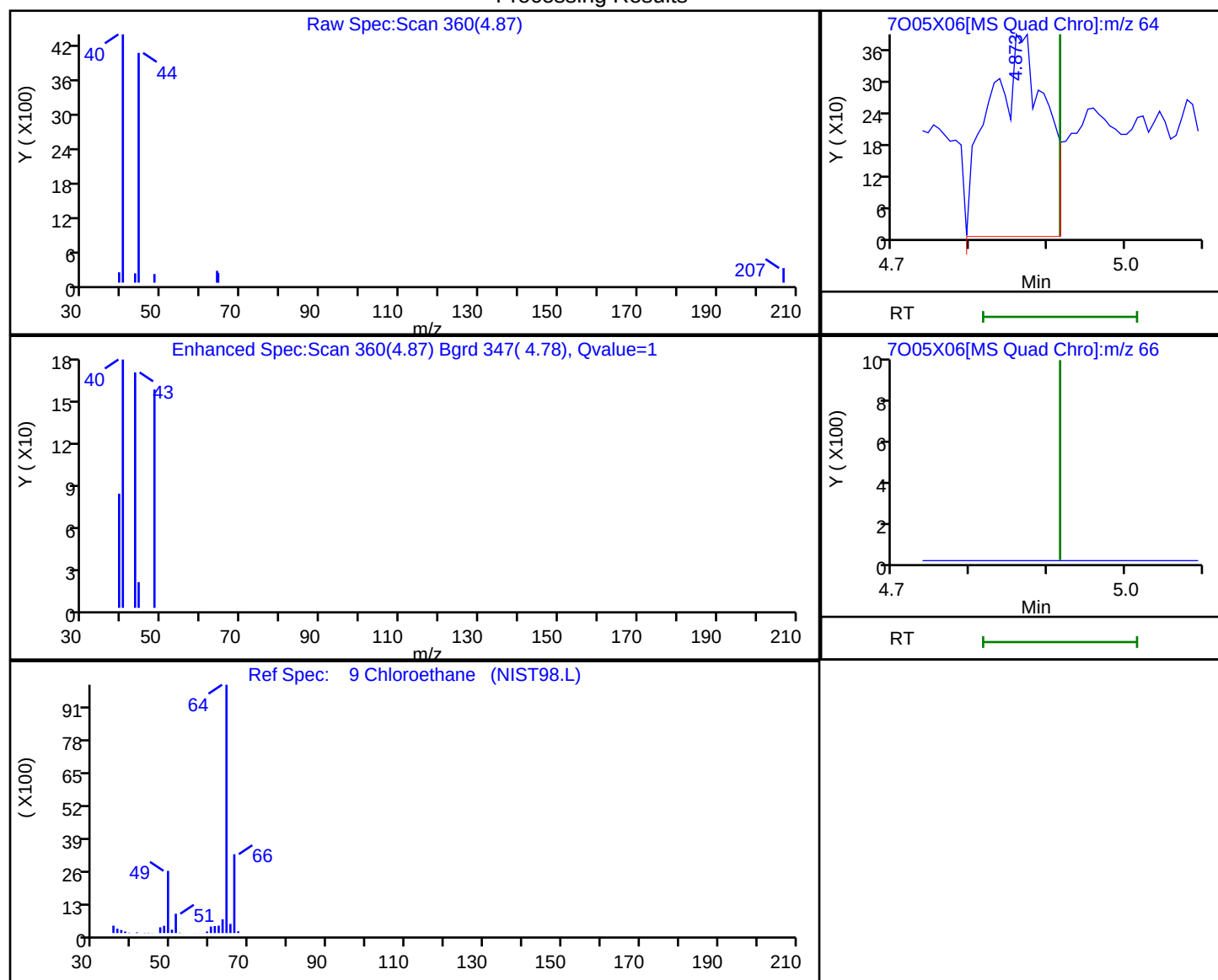
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

9 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
4.87	64.00	1875	0.103322
4.92	66.00	0	

Reviewer: JXC9, 05-Oct-2025 18:14:17 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-709592/7

Matrix: Air Lab File ID: 7006X08.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/06/2025 16:08

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.38
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.45
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
123-91-1	1,4-Dioxane	88.11	18	U	18	0.17
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.5
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.1	U	2.1	0.53
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.1	U	2.1	0.62
67-64-1	Acetone	58.08	12	U	12	3.8
71-43-2	Benzene	78.11	0.64	U	0.64	0.14
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.88	U	0.88	0.22
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.41

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-709592/7

Matrix: Air Lab File ID: 7006X08.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/06/2025 16:08

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.14
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
75-45-6	Chlorodifluoromethane	86.47	1.8	U	1.8	0.42
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.48
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.31
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.11
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.13
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.54
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.23
76-13-1	1,1,2-Trichlorotrifluoro ethane	187.38	1.5	U	1.5	0.41
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.39
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
67-63-0	Isopropyl alcohol	60.10	12	U	12	3.9
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.41
80-62-6	Methyl methacrylate	100.12	2.1	U	2.1	0.57
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
91-20-3	Naphthalene	128.17	2.0	U	2.0	1.6
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-709592/7

Matrix: Air Lab File ID: 7006X08.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/06/2025 16:08

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
108-88-3	Toluene	92.14	0.75	U	0.75	0.16
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.13
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
103-65-1	N-Propylbenzene	120.19	0.98	U	0.98	0.23
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.34
106-97-8	n-Butane	58.12	1.2	U	1.2	0.48

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-709592/7

Matrix: Air Lab File ID: 7006X08.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/06/2025 16:08

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
75-35-4	1,1-Dichloroethene	96.94	0.050	U	0.050	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.051
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.047
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
67-64-1	Acetone	58.08	5.0	U	5.0	1.6
71-43-2	Benzene	78.11	0.20	U	0.20	0.044
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-709592/7

Matrix: Air Lab File ID: 7006X08.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/06/2025 16:08

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.022
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
75-45-6	Chlorodifluoromethane	86.47	0.50	U	0.50	0.12
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.15
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.032
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.015
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.11
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoro ethane	187.38	0.20	U	0.20	0.053
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.055
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.11
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	1.6
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.095
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
91-20-3	Naphthalene	128.17	0.38	U	0.38	0.30
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-709592/7

Matrix: Air Lab File ID: 7006X08.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/06/2025 16:08

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
108-88-3	Toluene	92.14	0.20	U	0.20	0.042
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-01-6	Trichloroethene	131.39	0.037	U	0.037	0.025
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.050
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
103-65-1	N-Propylbenzene	120.19	0.20	U	0.20	0.047
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061
106-97-8	n-Butane	58.12	0.50	U	0.50	0.20

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X08.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 06-Oct-2025 16:08:21 ALS Bottle#: 3 Worklist Smp#: 7
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 410-0162112-007
 Operator ID: sn105465 Instrument ID: HP8R004
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 07-Oct-2025 16:15:11 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1671

First Level Reviewer: JXC9

Date: 06-Oct-2025 16:52:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.254	3.312	-0.058	16	964		NC	
14 Ethanol	45	5.697	5.661	0.036	19	2031		NC	
19 Acrolein	56	6.170	6.155	0.015	11	755		NC	
23 Acetone	43	6.392	6.377	0.015	92	12708		0.2888	
20 Isopropyl alcohol	45	6.607	6.592	0.015	78	10106		0.3103	
28 Acetonitrile	41	6.872	6.836	0.036	39	730		NC	
* 35 Chlorobromomethane (IS)	130	9.622	9.615	0.007	94	296110	10.0	10.0	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.539	10.532	0.007	0	451996	NC	NC	
* 50 1,4-Difluorobenzene	114	11.227	11.220	0.007	95	1038354	10.0	10.0	
\$ 103 Toluene-d8 (Surr)	98	13.061	13.053	0.008	95	1116503	NC	NC	
58 n-Octane	43	13.247	13.240	0.007	1	500		NC	
* 68 Chlorobenzene-d5 (IS)	117	14.472	14.465	0.007	88	982297	10.0	10.0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

AIRIS200 ppb_00532

Amount Added: 10.00

Units: mL

Run Reagent

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X08.D

Injection Date: 06-Oct-2025 16:08:21

Instrument ID: HP8R004

Lims ID: MB

Client ID:

Operator ID: sn105465

ALS Bottle#: 3

Worklist Smp#: 7

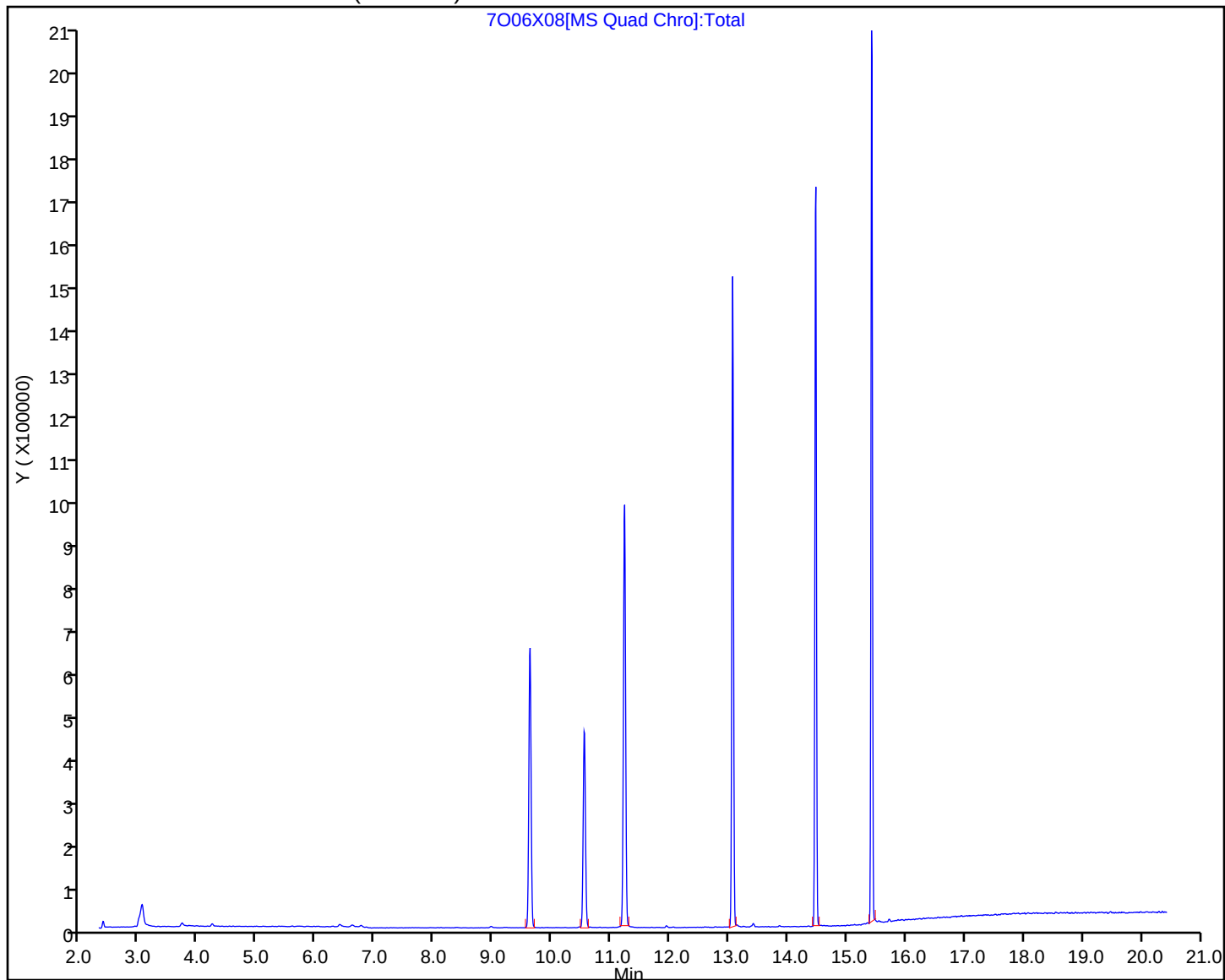
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X08.D

Injection Date: 06-Oct-2025 16:08:21

Instrument ID: HP8R004

Lims ID: MB

Client ID:

Operator ID: sn105465

ALS Bottle#:

3

Worklist Smp#: 7

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

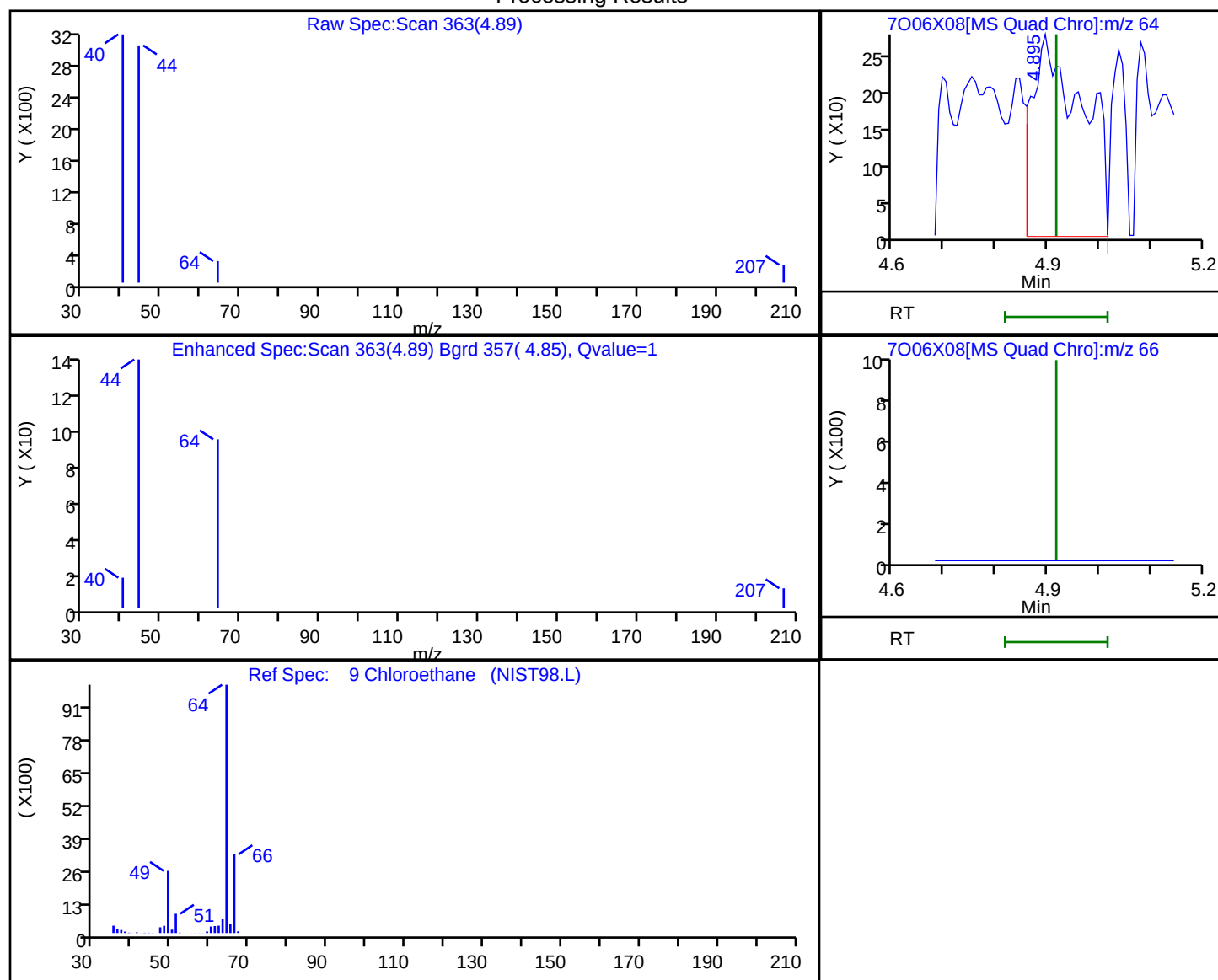
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

9 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
4.89	64.00	1825	0.122526
4.92	66.00	0	

Reviewer: D7UM, 07-Oct-2025 08:42:58 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-710205/7

Matrix: Air Lab File ID: 7007X06.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 16:09

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710205 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.38
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.45
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
123-91-1	1,4-Dioxane	88.11	18	U	18	0.17
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.5
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.1	U	2.1	0.53
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.1	U	2.1	0.62
67-64-1	Acetone	58.08	12	U	12	3.8
71-43-2	Benzene	78.11	0.64	U	0.64	0.14
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.88	U	0.88	0.22
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.41

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-710205/7

Matrix: Air Lab File ID: 7007X06.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 16:09

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710205 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.14
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
75-45-6	Chlorodifluoromethane	86.47	1.8	U	1.8	0.42
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.48
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.31
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.11
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.13
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.54
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.23
76-13-1	1,1,2-Trichlorotrifluoro ethane	187.38	1.5	U	1.5	0.41
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.39
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
67-63-0	Isopropyl alcohol	60.10	12	U	12	3.9
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.41
80-62-6	Methyl methacrylate	100.12	2.1	U	2.1	0.57
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
91-20-3	Naphthalene	128.17	2.0	U	2.0	1.6
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-710205/7

Matrix: Air Lab File ID: 7007X06.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 16:09

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710205 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
108-88-3	Toluene	92.14	0.75	U	0.75	0.16
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.13
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
103-65-1	N-Propylbenzene	120.19	0.98	U	0.98	0.23
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.34
106-97-8	n-Butane	58.12	1.2	U	1.2	0.48

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-710205/7

Matrix: Air Lab File ID: 7007X06.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 16:09

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710205 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
75-35-4	1,1-Dichloroethene	96.94	0.050	U	0.050	0.026
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.051
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.047
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
67-64-1	Acetone	58.08	5.0	U	5.0	1.6
71-43-2	Benzene	78.11	0.20	U	0.20	0.044
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-710205/7

Matrix: Air Lab File ID: 7007X06.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 16:09

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710205 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.022
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
75-45-6	Chlorodifluoromethane	86.47	0.50	U	0.50	0.12
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.15
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.032
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.015
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.11
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoro ethane	187.38	0.20	U	0.20	0.053
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.055
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.11
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	1.6
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.095
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
91-20-3	Naphthalene	128.17	0.38	U	0.38	0.30
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-710205/7

Matrix: Air Lab File ID: 7007X06.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 16:09

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710205 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
108-88-3	Toluene	92.14	0.20	U	0.20	0.042
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-01-6	Trichloroethene	131.39	0.037	U	0.037	0.025
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.050
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
103-65-1	N-Propylbenzene	120.19	0.20	U	0.20	0.047
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061
106-97-8	n-Butane	58.12	0.50	U	0.50	0.20

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X06.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 07-Oct-2025 16:09:34 ALS Bottle#: 3 Worklist Smp#: 7
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 410-0162271-007
 Operator ID: al109694 Instrument ID: HP8R004
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 07-Oct-2025 18:27:42 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1660

First Level Reviewer: JXC9

Date: 07-Oct-2025 18:22:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.304	3.312	-0.007	16	913		NC	
11 Pentane	43	5.582	5.582	0.000	29	1376		NC	
14 Ethanol	45	5.690	5.661	0.029	1	906		NC	
28 Acetonitrile	41	6.735	6.829	-0.094	1	1055		NC	
29 Isopropyl ether	45	8.354	8.397	-0.043	1	615		NC	
* 35 Chlorobromomethane (IS)	130	9.622	9.615	0.007	94	343171	10.0	10.0	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.539	10.539	0.000	0	501215	NC	NC	
* 50 1,4-Difluorobenzene	114	11.227	11.220	0.007	95	1243209	10.0	10.0	
51 Dibromomethane	174	12.043	12.043	0.000	22	544		NC	
\$ 103 Toluene-d8 (Surr)	98	13.061	13.053	0.007	95	1321232	NC	NC	
58 n-Octane	43	13.247	13.240	0.007	19	2550		NC	
* 68 Chlorobenzene-d5 (IS)	117	14.472	14.464	0.008	88	1158970	10.0	10.0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

AIRIS200 ppb_00532

Amount Added: 10.00

Units: mL

Run Reagent

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X06.D

Injection Date: 07-Oct-2025 16:09:34

Instrument ID: HP8R004

Lims ID: MB

Client ID:

Operator ID: al109694

ALS Bottle#: 3

Worklist Smp#: 7

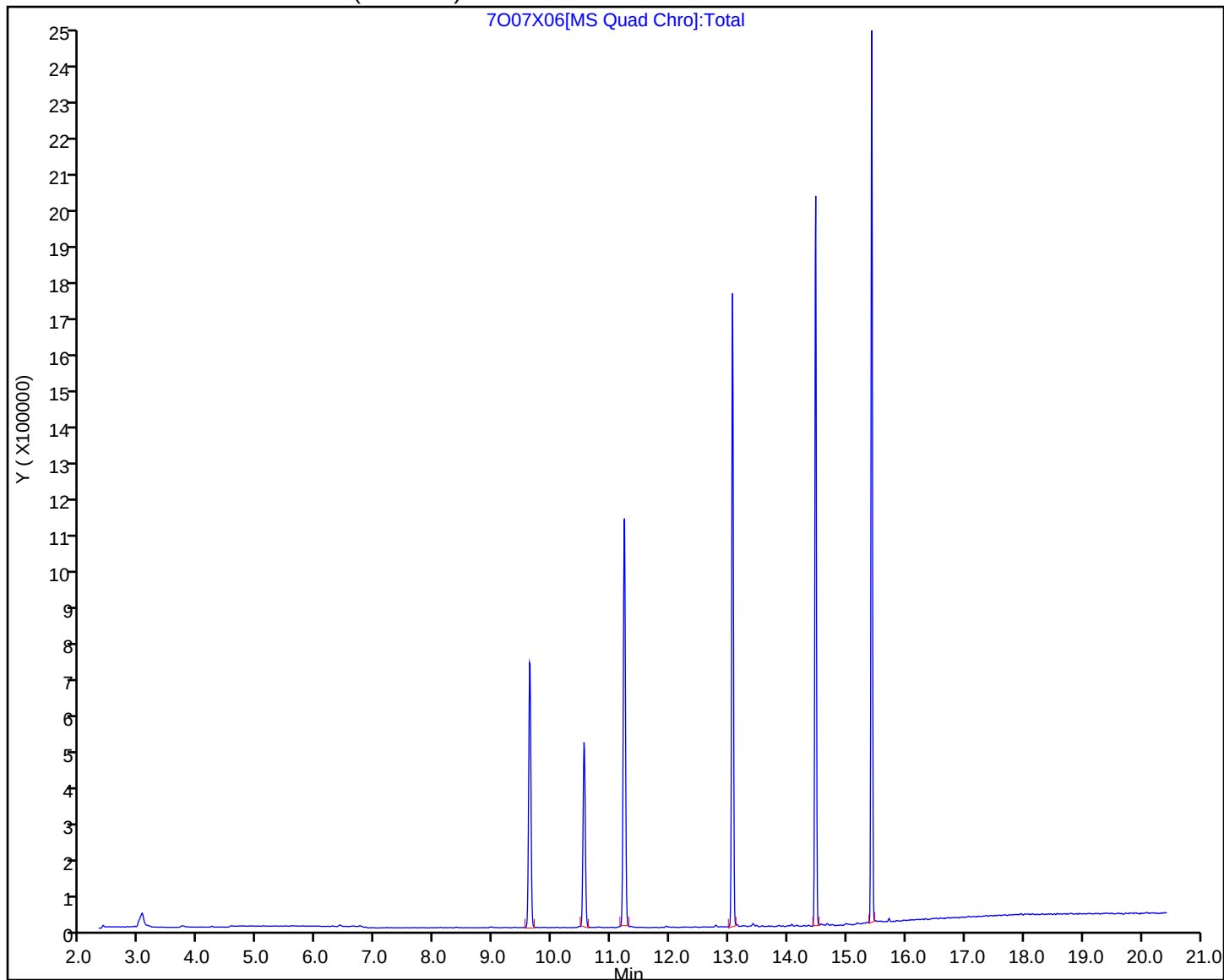
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 410-709300/4

Matrix: Air Lab File ID: 7005X03.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/05/2025 16:12

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709300 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	133.41	25.9		1.1	0.24
79-34-5	1,1,2,2-Tetrachloroethane	167.85	28.3		1.4	0.30
79-00-5	1,1,2-Trichloroethane	133.41	24.7		1.1	0.40
75-34-3	1,1-Dichloroethane	98.96	18.3		0.81	0.10
75-35-4	1,1-Dichloroethene	96.94	19.7		0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	35.8		3.7	0.38
95-63-6	1,2,4-Trimethylbenzene	120.20	22.6		0.98	0.39
106-93-4	1,2-Dibromoethane	187.87	34.9		1.5	0.32
95-50-1	1,2-Dichlorobenzene	147.00	26.6		1.2	0.40
107-06-2	1,2-Dichloroethane	98.96	17.5		0.81	0.38
78-87-5	1,2-Dichloropropane	112.99	19.8		0.92	0.43
108-67-8	1,3,5-Trimethylbenzene	120.20	23.8		0.98	0.23
106-99-0	1,3-Butadiene	54.09	10.4		0.44	0.086
541-73-1	1,3-Dichlorobenzene	147.00	26.7		1.2	0.45
106-46-7	1,4-Dichlorobenzene	147.00	26.5		1.2	0.54
123-91-1	1,4-Dioxane	88.11	18.8		18	0.17
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	14.3		1.5	1.5
95-49-8	2-Chlorotoluene	126.59	24.2		1.0	0.24
107-05-1	3-Chloropropene	76.53	13.4		1.6	0.38
622-96-8	4-Ethyltoluene	120.20	24.5		0.98	0.24
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	18.1		2.1	0.53
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	18.2		2.1	0.62
67-64-1	Acetone	58.08	10.4	J	12	3.8
71-43-2	Benzene	78.11	14.3		0.64	0.14
75-27-4	Bromodichloromethane	163.83	28.5		1.3	0.34
593-60-2	Bromoethene (Vinyl Bromide)	106.96	20.1		0.88	0.22
75-25-2	Bromoform	252.75	48.7		2.1	1.2
74-83-9	Bromomethane	94.94	20.0		0.78	0.28
75-15-0	Carbon disulfide	76.14	12.5		1.6	0.41

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 460-336014-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCS 410-709300/4

Matrix: Air

Lab File ID: 7005X03.D

Analysis Method: TO 15 LL

Date Collected:

Sample wt/vol: 200 (mL)

Date Analyzed: 10/05/2025 16:12

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume:

Heated Purge: (Y/N) pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 709300

Units: ug/m3

Preparation Batch No.:

Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	32.1		0.22	0.14
108-90-7	Chlorobenzene	112.56	19.9		0.92	0.20
75-45-6	Chlorodifluoromethane	86.47	18.4		1.8	0.42
75-00-3	Chloroethane	64.52	12.1		1.3	0.48
100-44-7	Benzyl chloride	126.58	23.0		1.0	0.46
67-66-3	Chloroform	119.38	22.1		0.98	0.20
74-87-3	Chloromethane	50.49	10.2		1.0	0.31
156-59-2	cis-1,2-Dichloroethene	96.94	17.6		0.20	0.083
10061-01-5	cis-1,3-Dichloropropene	110.97	19.9		0.91	0.20
110-82-7	Cyclohexane	84.16	16.3		0.69	0.11
124-48-1	Dibromochloromethane	208.28	38.7		1.7	0.13
75-71-8	Dichlorodifluoromethane	120.91	23.0		2.5	0.54
100-41-4	Ethylbenzene	106.17	20.0		0.87	0.23
76-13-1	1,1,2-Trichlorotrifluoro ethane	187.38	40.5		1.5	0.41
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	36.7		1.4	0.34
142-82-5	n-Heptane	100.21	19.5		0.82	0.23
87-68-3	Hexachlorobutadiene	260.76	47.7		2.1	1.2
110-54-3	n-Hexane	86.17	15.3		1.8	0.39
540-84-1	2,2,4-Trimethylpentane	114.23	21.6		0.93	0.18
98-82-8	Cumene	120.19	24.3		0.98	0.20
67-63-0	Isopropyl alcohol	60.10	9.96	J	12	3.9
179601-23-1	m,p-Xylene	106.17	23.0		2.2	0.41
80-62-6	Methyl methacrylate	100.12	19.5		2.1	0.57
1634-04-4	Methyl tert-butyl ether	88.15	18.3		0.72	0.13
75-09-2	Methylene Chloride	84.93	17.3		1.7	0.63
91-20-3	Naphthalene	128.17	24.2		2.0	1.6
95-47-6	o-Xylene	106.17	20.5		0.87	0.23
100-42-5	Styrene	104.15	19.7		0.85	0.25
75-65-0	tert-Butyl alcohol	74.12	18.2		15	3.6
127-18-4	Tetrachloroethene	165.83	29.6		1.4	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 410-709300/4

Matrix: Air Lab File ID: 7005X03.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/05/2025 16:12

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709300 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
109-99-9	Tetrahydrofuran	72.11	12.3	J	15	3.8
108-88-3	Toluene	92.14	17.0		0.75	0.16
156-60-5	trans-1,2-Dichloroethene	96.94	17.0		0.79	0.091
10061-02-6	trans-1,3-Dichloropropene	110.97	21.7		0.91	0.25
79-01-6	Trichloroethene	131.39	23.9		0.20	0.13
75-69-4	Trichlorofluoromethane	137.37	27.6		1.1	0.28
75-01-4	Vinyl chloride	62.50	13.6		0.20	0.054
103-65-1	N-Propylbenzene	120.19	23.1		0.98	0.23
104-51-8	n-Butylbenzene	134.22	24.3		1.1	0.60
135-98-8	sec-Butylbenzene	134.22	25.6		1.1	0.25
98-06-6	tert-Butylbenzene	134.22	26.4		1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	25.3		1.1	0.34

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X03.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 05-Oct-2025 16:12:21 ALS Bottle#: 4 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 410-0162026-004
 Operator ID: AL109694 Instrument ID: HP8R004
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 06-Oct-2025 09:07:00 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1612

First Level Reviewer: JXC9

Date: 05-Oct-2025 17:00:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.312	3.311	0.001	99	123644	NC	NC	
2 Dichlorodifluoromethane	85	3.376	3.376	0.000	99	400018	5.00	4.65	
3 Chlorodifluoromethane	51	3.412	3.411	0.001	72	253528	5.00	5.21	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.648	3.648	0.000	97	400861	5.00	5.24	
5 Chloromethane	50	3.770	3.770	0.000	89	152058	5.00	4.94	
6 Vinyl chloride	62	4.013	4.013	0.000	83	166599	5.00	5.32	
7 Butadiene	54	4.092	4.099	-0.007	93	114369	5.00	4.71	
8 Bromomethane	94	4.701	4.701	0.000	91	120414	5.00	5.16	
9 Chloroethane	64	4.909	4.916	-0.007	95	86879	5.00	4.59	
10 Vinyl bromide	106	5.274	5.274	0.000	98	139672	5.00	4.60	
13 Dichlorofluoromethane	67	5.332	5.331	0.001	97	373158	NC	NC	
12 Trichlorofluoromethane	101	5.403	5.410	-0.007	86	384205	5.00	4.91	
11 Pentane	43	5.582	5.589	-0.007	96	272820	NC	NC	M
14 Ethanol	45	5.654	5.661	-0.007	54	48418	NC	NC	M
19 Acrolein	56	6.148	6.148	0.000	95	65918	NC	NC	
15 1,1-Dichloroethene	61	6.349	6.348	0.001	87	263328	5.00	4.97	
16 1,1,2-Trichloro-1,2,2-trifluoroe	103	6.370	6.370	0.000	88	206125	5.00	5.28	
23 Acetone	43	6.377	6.377	0.000	93	245558	5.00	4.39	
20 Isopropyl alcohol	45	6.585	6.592	-0.007	98	167711	5.00	4.05	
18 Iodomethane	142	6.607	6.613	-0.006	99	308719	NC	NC	
17 Carbon disulfide	76	6.757	6.757	0.000	99	448065	5.00	4.00	
28 Acetonitrile	41	6.829	6.828	0.001	98	145901	NC	NC	
21 3-Chloro-1-propene	41	6.972	6.979	-0.007	91	221144	5.00	4.29	
22 Methylene Chloride	84	7.187	7.194	-0.007	92	147906	5.00	4.99	
27 2-Methyl-2-propanol	59	7.287	7.294	-0.007	97	206325	5.55	6.01	M
31 Acrylonitrile	53	7.531	7.530	0.001	96	136106	NC	NC	M
26 Methyl tert-butyl ether	73	7.631	7.631	0.000	89	412013	5.00	5.08	
24 trans-1,2-Dichloroethene	61	7.660	7.659	0.001	93	241837	5.00	4.29	
25 Hexane	56	8.111	8.110	0.001	82	126142	5.00	4.34	
33 Vinyl acetate	86	8.326	8.325	0.001	97	33415	NC	NC	
30 1,1-Dichloroethane	63	8.354	8.354	0.000	85	309863	5.00	4.51	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
29 Isopropyl ether	45	8.390	8.397	-0.007	95	571334	NC	NC	
32 Tert-butyl ethyl ether	59	8.963	8.970	-0.007	91	482714	NC	NC	
43 2-Butanone (MEK)	72	9.178	9.185	-0.007	99	76907	5.00	4.84	
34 cis-1,2-Dichloroethene	61	9.235	9.242	-0.007	72	283965	5.00	4.44	
38 Ethyl acetate	70	9.243	9.249	-0.006	87	38482	NC	NC	
39 Methyl acrylate	55	9.329	9.328	0.001	87	292001	NC	NC	
* 35 Chlorobromomethane (IS)	130	9.615	9.615	0.000	94	376162	10.0	10.0	
41 Tetrahydrofuran	42	9.637	9.643	-0.006	89	191664	5.00	4.17	
37 Chloroform	83	9.751	9.758	-0.007	80	348813	5.00	4.53	
42 1,1,1-Trichloroethane	97	10.045	10.052	-0.007	62	321948	5.00	4.74	
36 Cyclohexane	56	10.188	10.195	-0.007	93	254801	5.00	4.75	
40 Carbon tetrachloride	117	10.303	10.310	-0.007	68	320323	5.00	5.10	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.532	10.539	-0.007	0	560386	NC	NC	
46 Benzene	78	10.589	10.596	-0.007	91	520877	5.00	4.49	
48 1,2-Dichloroethane	62	10.654	10.661	-0.007	87	231876	5.00	4.33	
47 Tert-amyl methyl ether	73	10.768	10.775	-0.007	73	431050	NC	NC	
44 Isooctane	57	10.775	10.782	-0.007	94	821816	5.00	4.63	
45 n-Heptane	71	11.026	11.026	0.000	95	167316	5.00	4.77	
* 50 1,4-Difluorobenzene	114	11.212	11.219	-0.007	95	1435664	10.0	10.0	
49 Trichloroethene	130	11.585	11.585	0.000	93	205837	5.00	4.45	
52 Ethyl acrylate	55	11.635	11.642	-0.007	98	360700	NC	NC	
53 1,2-Dichloropropane	63	11.929	11.928	0.001	76	206823	5.00	4.28	
55 Methyl methacrylate	69	11.943	11.950	-0.007	90	174274	5.00	4.75	
56 1,4-Dioxane	88	11.993	12.000	-0.007	94	81731	5.00	5.21	
51 Dibromomethane	174	12.043	12.050	-0.007	84	180709	NC	NC	
54 Dichlorobromomethane	83	12.244	12.244	0.000	99	359784	5.00	4.25	
57 cis-1,3-Dichloropropene	75	12.745	12.752	-0.007	92	297368	5.00	4.38	
60 4-Methyl-2-pentanone (MIBK)	43	12.867	12.874	-0.007	98	394371	5.00	4.41	
\$ 103 Toluene-d8 (Surr)	98	13.053	13.060	-0.007	93	1532174	NC	NC	
59 Toluene	91	13.125	13.132	-0.007	97	603568	5.00	4.50	
58 n-Octane	43	13.240	13.239	0.001	87	427769	NC	NC	
62 trans-1,3-Dichloropropene	75	13.340	13.347	-0.007	92	256784	5.00	4.78	
63 Ethyl methacrylate	69	13.361	13.368	-0.007	86	284593	NC	NC	
64 1,1,2-Trichloroethane	97	13.548	13.554	-0.006	85	204071	5.00	4.53	
61 Tetrachloroethene	166	13.662	13.669	-0.007	87	252072	5.00	4.36	
67 2-Hexanone	43	13.720	13.726	-0.006	99	361812	5.00	4.43	
65 Chlorodibromomethane	127	13.934	13.941	-0.007	89	262628	5.00	4.54	
66 Ethylene Dibromide	107	14.063	14.070	-0.007	97	306886	5.00	4.55	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.471	-0.007	87	1301756	10.0	10.0	
69 Chlorobenzene	112	14.493	14.493	0.000	92	438277	5.00	4.32	
70 Ethylbenzene	91	14.558	14.564	-0.006	65	745945	5.00	4.61	
71 1,1,1,2-Tetrachloroethane	131	14.558	14.564	-0.006	46	229917	NC	NC	
72 m-Xylene & p-Xylene	91	14.665	14.672	-0.007	97	636528	5.00	5.30	
73 o-Xylene	91	14.987	14.987	0.000	92	562522	5.00	4.71	
74 Styrene	104	15.002	15.001	0.001	91	400469	5.00	4.62	
75 Bromoform	173	15.174	15.180	-0.006	93	295149	5.00	4.71	
76 Isopropylbenzene	105	15.267	15.274	-0.007	95	739911	5.00	4.95	
79 1,1,2,2-Tetrachloroethane	83	15.482	15.488	-0.006	59	423367	5.00	4.13	M
83 1,2,3-Trichloropropane	110	15.539	15.546	-0.007	57	109499	NC	NC	
78 Bromobenzene	156	15.546	15.546	0.000	86	227068	NC	NC	
77 N-Propylbenzene	120	15.582	15.582	0.000	98	190897	5.00	4.70	
80 4-Ethyltoluene	105	15.661	15.668	-0.007	89	743346	5.00	4.98	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
81 2-Chlorotoluene	126	15.668	15.675	-0.007	90	181092	5.00	4.68	
82 1,3,5-Trimethylbenzene	105	15.697	15.703	-0.006	66	579694	5.00	4.85	Ma
84 Alpha Methyl Styrene	118	15.861	15.861	0.000	91	276852	NC	NC	
85 tert-Butylbenzene	119	15.947	15.947	0.000	78	572930	5.00	4.81	M
86 1,2,4-Trimethylbenzene	105	15.983	15.983	0.000	98	581429	5.00	4.60	
87 sec-Butylbenzene	105	16.105	16.105	0.000	95	843991	5.00	4.66	
88 4-Isopropyltoluene	119	16.205	16.205	0.000	96	661778	5.00	4.60	
89 1,3-Dichlorobenzene	146	16.227	16.233	-0.006	97	371902	5.00	4.44	
90 1,4-Dichlorobenzene	146	16.298	16.305	-0.007	91	371352	5.00	4.41	
92 Benzyl chloride	126	16.370	16.370	0.000	86	87747	5.00	4.44	
91 n-Butylbenzene	92	16.506	16.506	0.000	98	343811	5.00	4.43	
94 1,2-Dichlorobenzene	146	16.578	16.577	0.001	95	342484	5.00	4.42	
93 Hexachloroethane	117	16.814	16.821	-0.007	93	226134	NC	NC	
95 1,2-Dibromo-3-Chloropropane	157	17.179	17.186	-0.007	79	160145	NC	NC	
97 1,2,4-Trichlorobenzene	180	17.881	17.888	-0.007	92	252706	5.00	4.83	
96 Hexachlorobutadiene	225	17.982	17.981	0.001	87	210913	5.00	4.48	
98 Naphthalene	128	18.154	18.160	-0.006	98	572997	5.80	4.61	
S 100 1,2-Dichloroethene, Total	61				0	525802	10.0	0	
S 109 1,3-Dichloropropene, Total	75				0		10.0	9.15	
S 101 Xylenes, Total	91				0	1199050	10.0	0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

AIRLCS10.0_00570

Amount Added: 100.00

Units: mL

AIRIS200 ppb_00532

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 06-Oct-2025 09:07:06

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X03.D

Injection Date: 05-Oct-2025 16:12:21

Instrument ID: HP8R004

Lims ID: LCS

Client ID:

Operator ID: AL109694

ALS Bottle#: 4

Worklist Smp#: 4

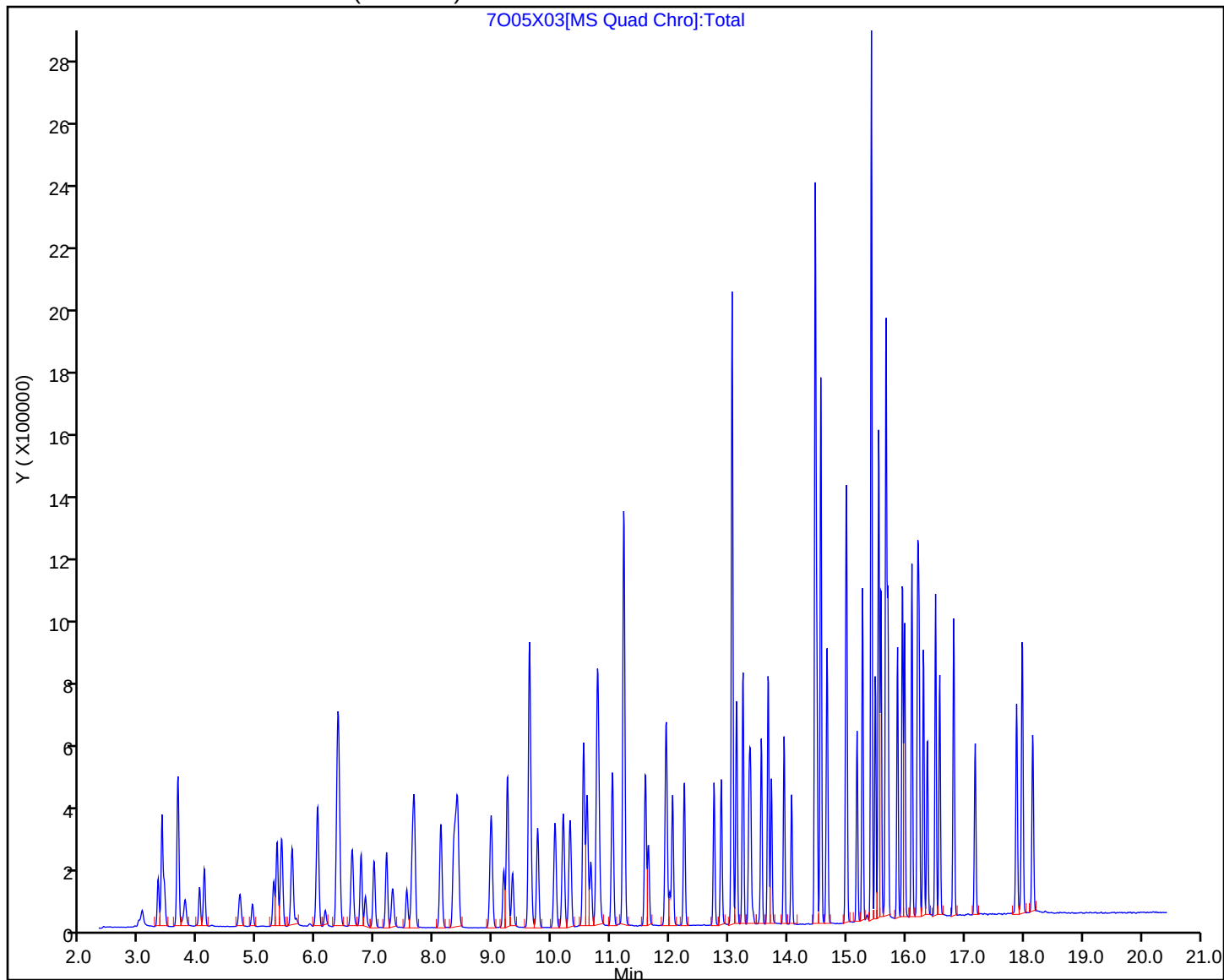
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

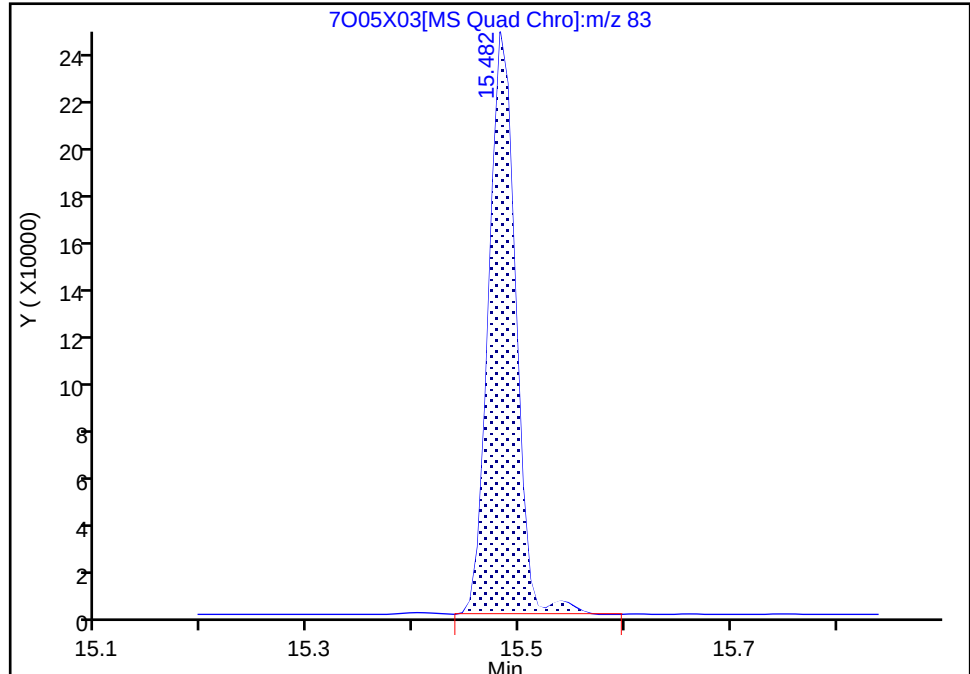
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Injection Date: 05-Oct-2025 16:12:21 Instrument ID: HP8R004
Lims ID: LCS
Client ID:
Operator ID: AL109694 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

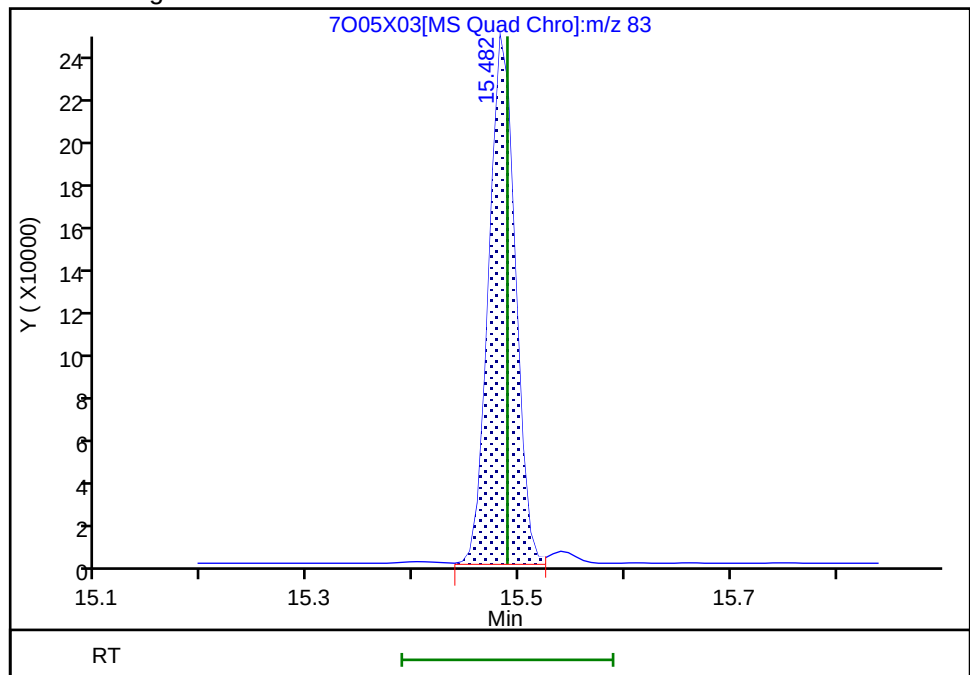
RT: 15.48
Area: 432360
Amount: 4.213312
Amount Units: ppb v/v

Processing Integration Results



RT: 15.48
Area: 423367
Amount: 4.125676
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 06-Oct-2025 08:54:03 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

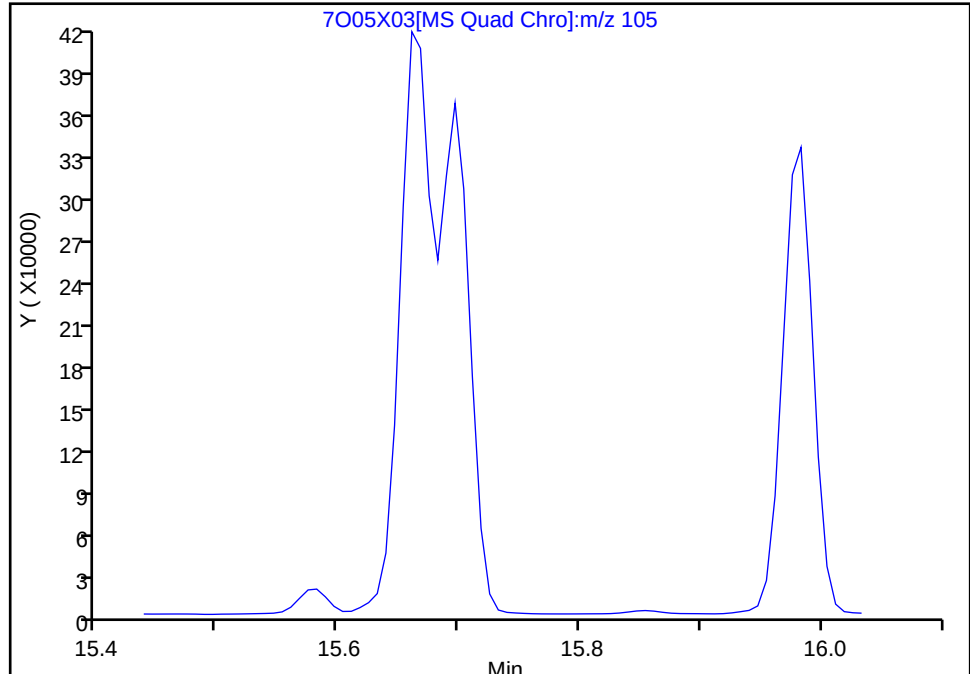
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X03.D
Injection Date: 05-Oct-2025 16:12:21 Instrument ID: HP8R004
Lims ID: LCS
Client ID:
Operator ID: AL109694 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

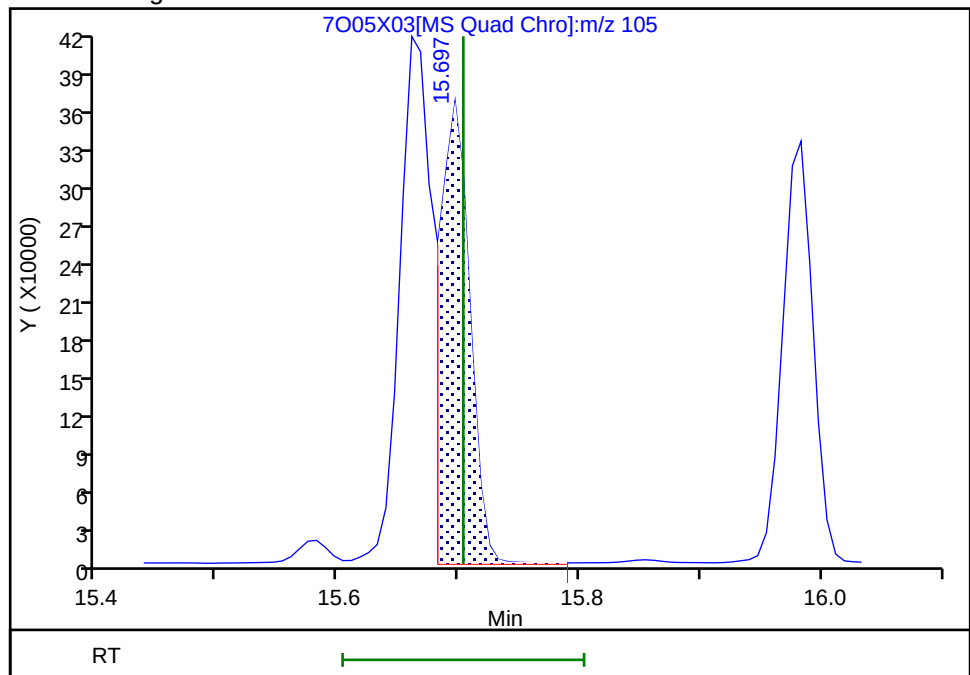
Not Detected
Expected RT: 15.70

Processing Integration Results



RT: 15.70
Area: 579694
Amount: 4.848714
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 05-Oct-2025 17:00:26 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

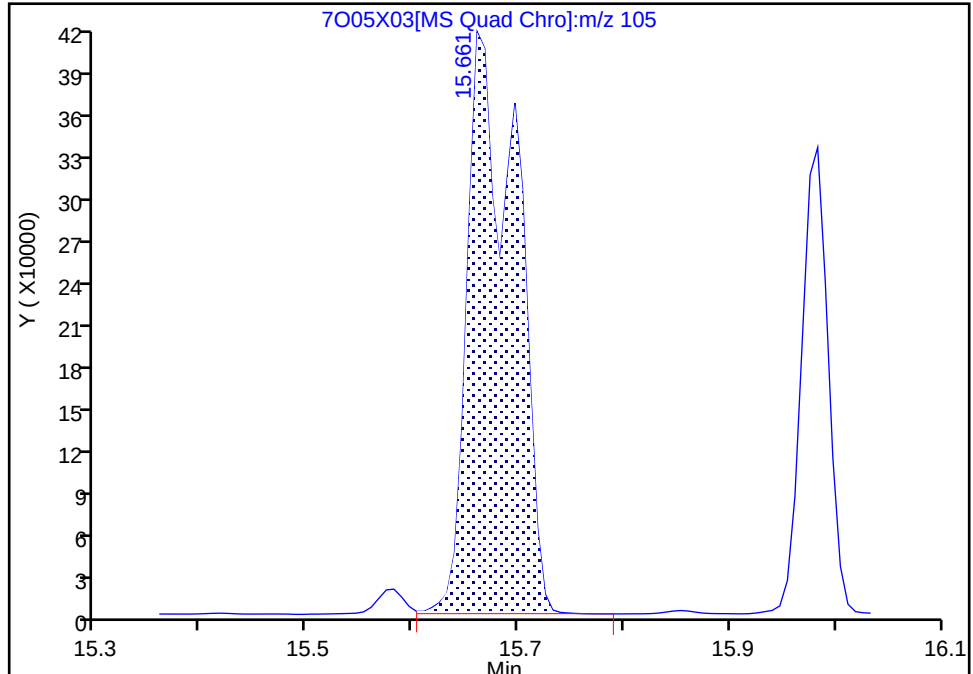
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X03.D
Injection Date: 05-Oct-2025 16:12:21 Instrument ID: HP8R004
Lims ID: LCS
Client ID:
Operator ID: AL109694 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

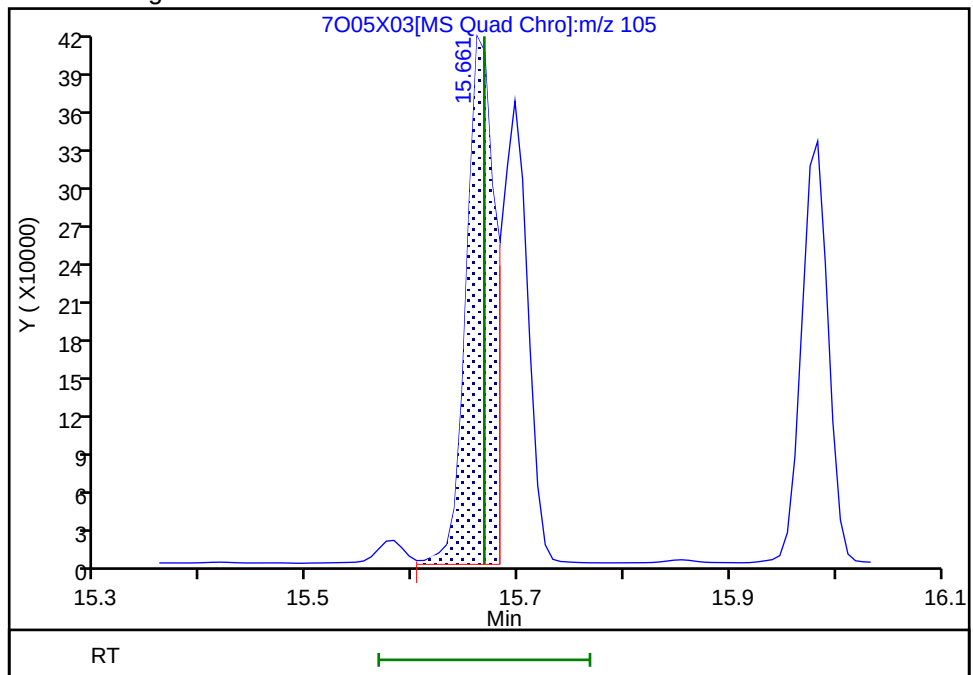
RT: 15.66
Area: 1323041
Amount: 8.858996
Amount Units: ppb v/v

Processing Integration Results



RT: 15.66
Area: 743346
Amount: 4.977396
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 05-Oct-2025 17:00:31 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

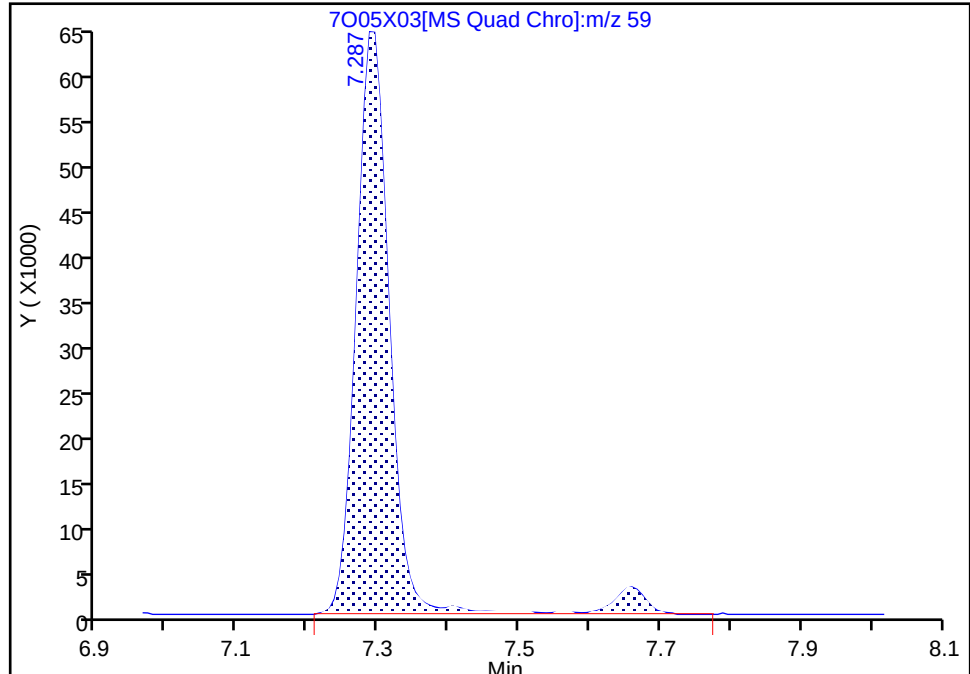
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Injection Date: 05-Oct-2025 16:12:21 Instrument ID: HP8R004
Lims ID: LCS
Client ID:
Operator ID: AL109694 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

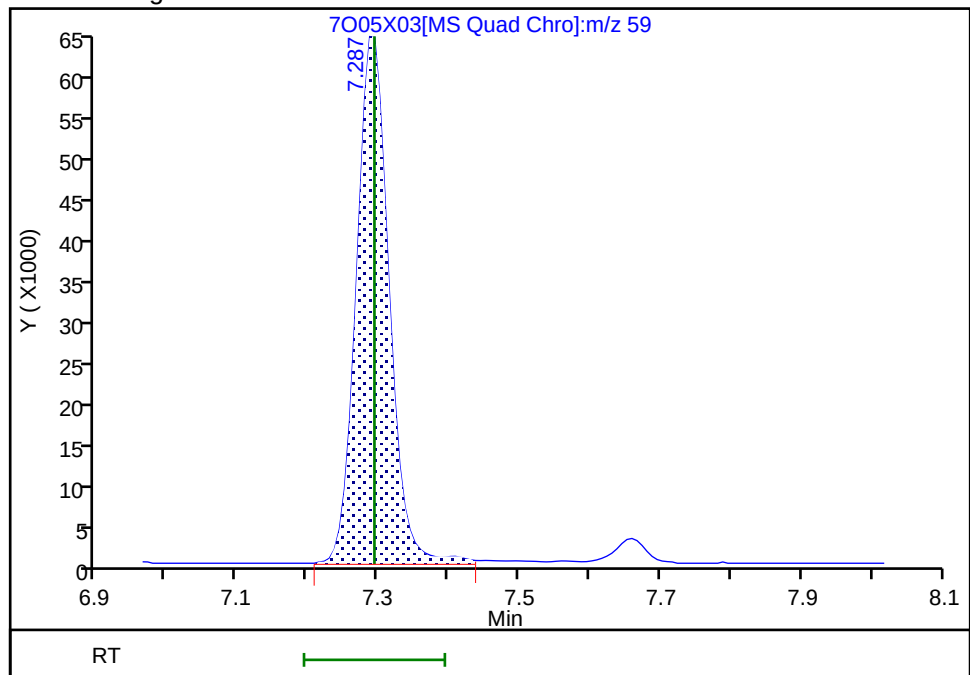
RT: 7.29
Area: 218110
Amount: 6.356622
Amount Units: ppb v/v

Processing Integration Results



RT: 7.29
Area: 206325
Amount: 6.013158
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 06-Oct-2025 08:53:35 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

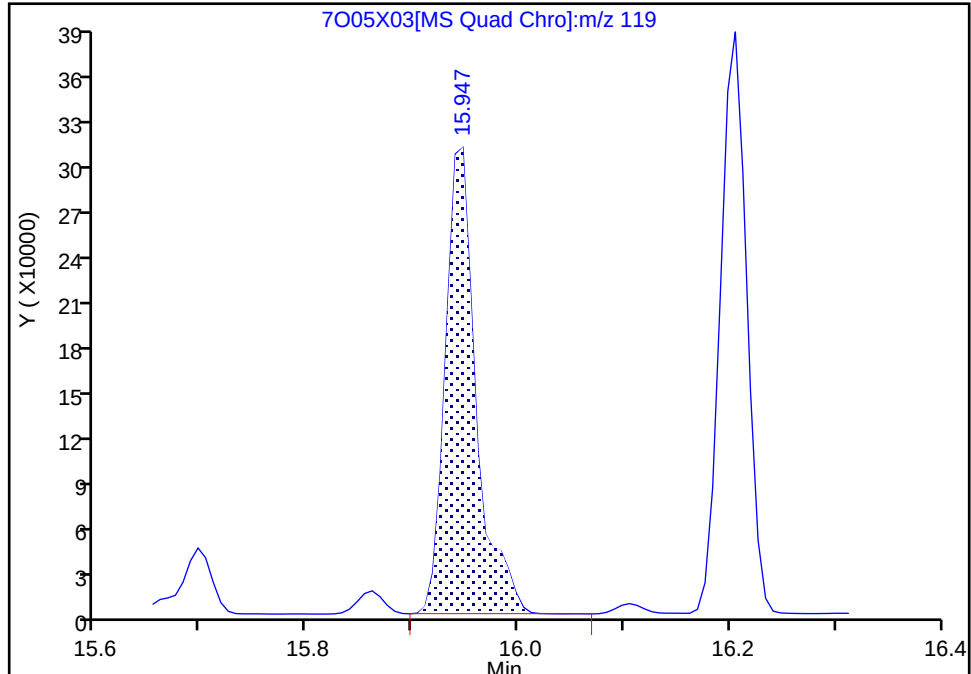
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X03.D
Injection Date: 05-Oct-2025 16:12:21 Instrument ID: HP8R004
Lims ID: LCS
Client ID:
Operator ID: AL109694 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

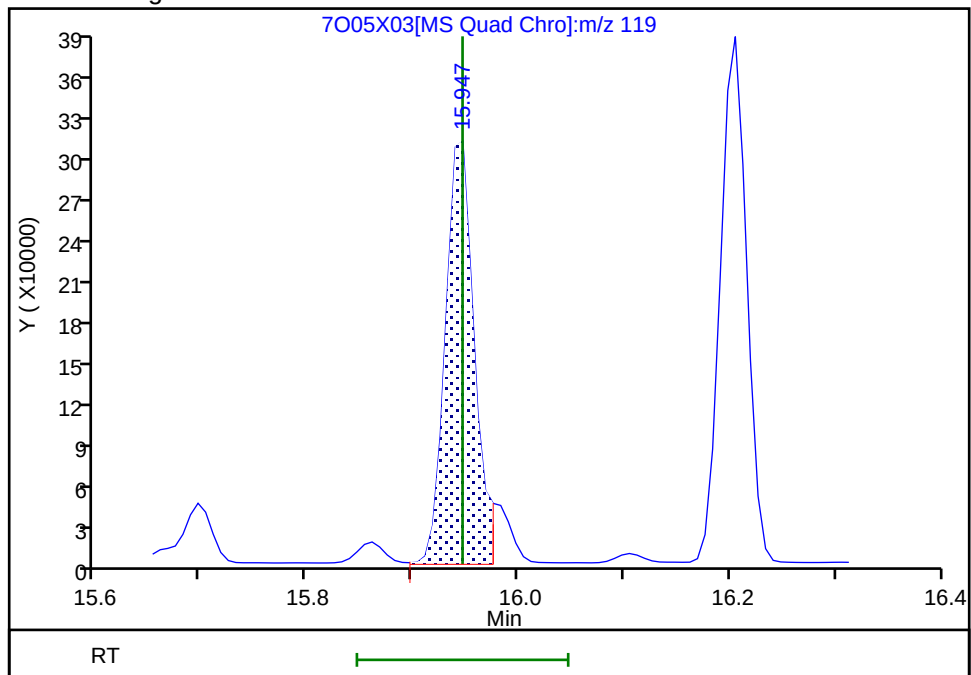
RT: 15.95
Area: 623286
Amount: 5.232946
Amount Units: ppb v/v

Processing Integration Results



RT: 15.95
Area: 572930
Amount: 4.810170
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 06-Oct-2025 08:54:13 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM I

Job No.: 460-336014-1

Client Sample ID:

Lab Sample ID: LCS 410-709300/5

Lab File ID: 7005X04.D

Date Collected:

Date Analyzed: 10/05/2025 16:40

Dilution Factor: 1

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Heated Purge: (Y/N) pH:

Level: (low/med) Low

Units: $\mu\text{g}/\text{m}^3$

Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
106-97-8	n-Butane	58.12	9.82		1.2	0.48

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X04.D
 Lims ID: LCS Butane
 Client ID:
 Sample Type: LCS
 Inject. Date: 05-Oct-2025 16:40:35 ALS Bottle#: 5 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: LCS Butane
 Misc. Info.: 410-0162026-005
 Operator ID: AL109694 Instrument ID: HP8R004
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 06-Oct-2025 09:07:00 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1612

First Level Reviewer: JXC9

Date: 05-Oct-2025 17:09:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
124 Butane	43	4.021	4.006	0.015	37	233973	5.00	4.13	M
* 35 Chlorobromomethane (IS)	130	9.615	9.615	0.000	93	368837	10.0	10.0	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.539	10.539	0.000	0	551390	NC	NC	
* 50 1,4-Difluorobenzene	114	11.220	11.219	0.001	96	1379641	10.0	10.0	
\$ 103 Toluene-d8 (Surr)	98	13.053	13.060	-0.007	95	1475892	NC	NC	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.471	-0.006	89	1268462	10.0	10.0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

AIRLCS10.0_00572

Amount Added: 100.00

Units: mL

AIRIS200 ppb_00532

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 06-Oct-2025 09:07:16

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X04.D

Injection Date: 05-Oct-2025 16:40:35

Instrument ID: HP8R004

Lims ID: LCS Butane

Client ID:

Operator ID: AL109694

ALS Bottle#:

5

Worklist Smp#:

5

Purge Vol: 200.000 mL

Dil. Factor:

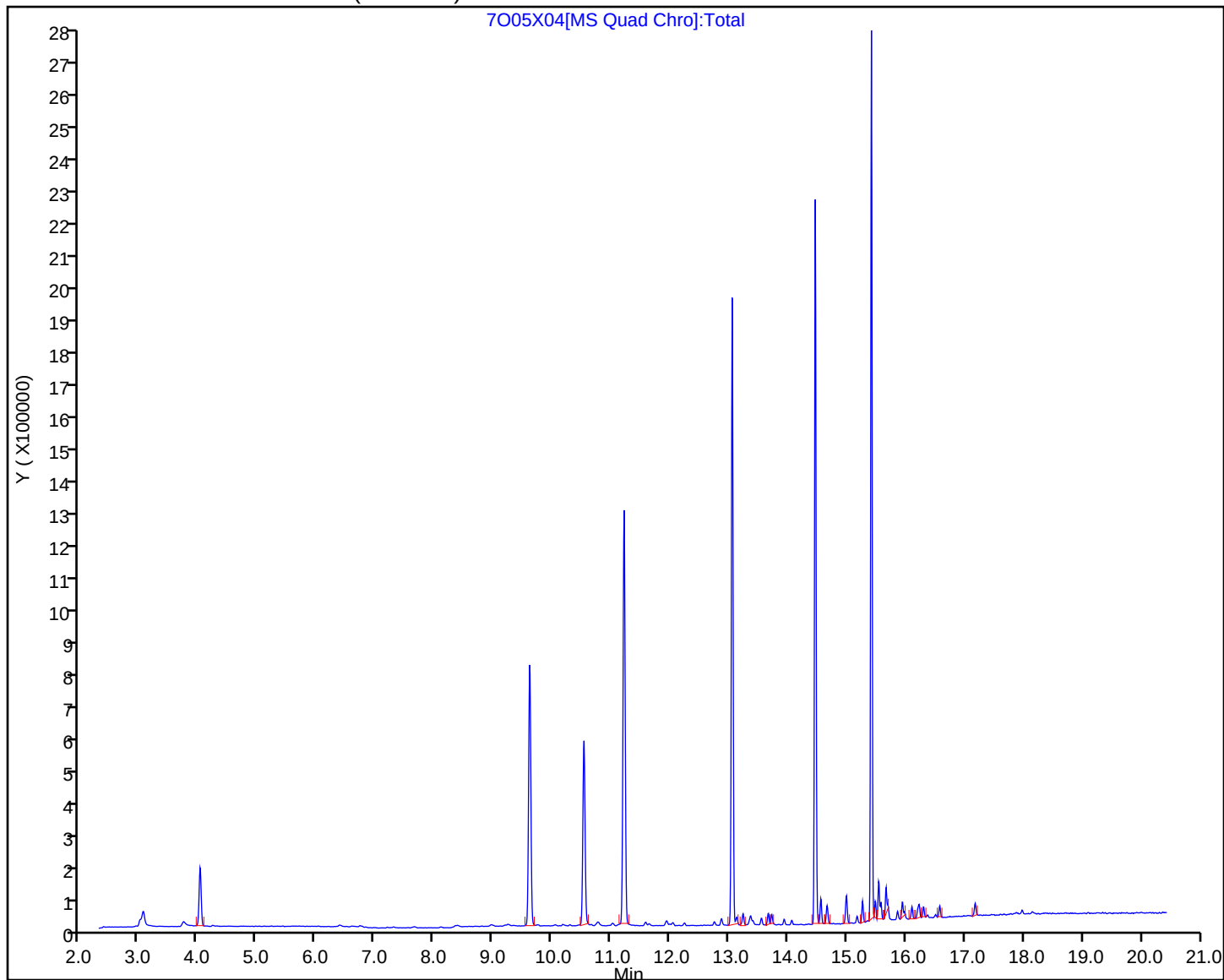
1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

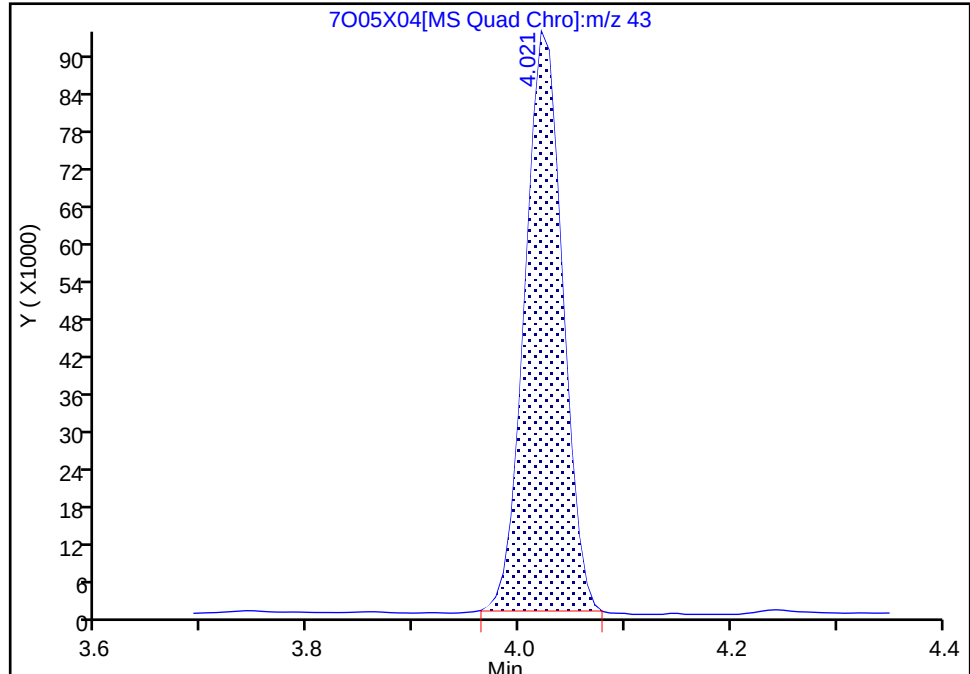
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Injection Date: 05-Oct-2025 16:40:35 Instrument ID: HP8R004
Lims ID: LCS Butane
Client ID:
Operator ID: AL109694 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

124 Butane, CAS: 106-97-8

Signal: 1

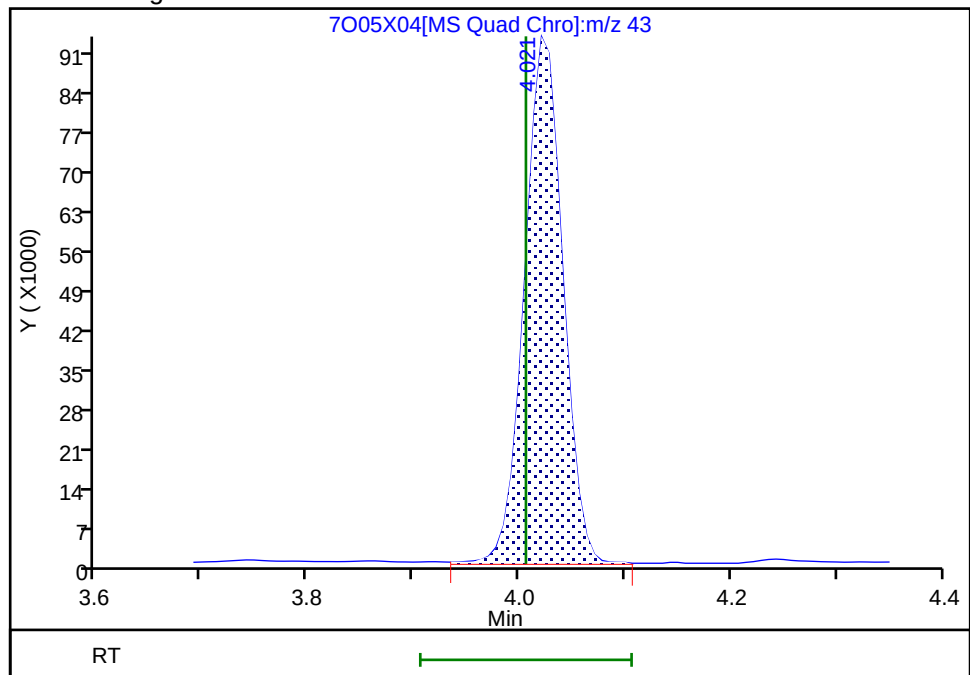
RT: 4.02
Area: 229269
Amount: 4.048431
Amount Units: ppb v/v

Processing Integration Results



RT: 4.02
Area: 233973
Amount: 4.131494
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 06-Oct-2025 08:55:38 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 410-709592/4

Matrix: Air Lab File ID: 7006X05.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/06/2025 14:42

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	133.41	26.6		1.1	0.24
79-34-5	1,1,2,2-Tetrachloroethane	167.85	29.4		1.4	0.30
79-00-5	1,1,2-Trichloroethane	133.41	25.5		1.1	0.40
75-34-3	1,1-Dichloroethane	98.96	18.2		0.81	0.10
75-35-4	1,1-Dichloroethene	96.94	19.5		0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	37.3		3.7	0.38
95-63-6	1,2,4-Trimethylbenzene	120.20	23.5		0.98	0.39
106-93-4	1,2-Dibromoethane	187.87	35.9		1.5	0.32
95-50-1	1,2-Dichlorobenzene	147.00	28.4		1.2	0.40
107-06-2	1,2-Dichloroethane	98.96	18.5		0.81	0.38
78-87-5	1,2-Dichloropropane	112.99	19.8		0.92	0.43
108-67-8	1,3,5-Trimethylbenzene	120.20	25.7		0.98	0.23
106-99-0	1,3-Butadiene	54.09	9.51		0.44	0.086
541-73-1	1,3-Dichlorobenzene	147.00	28.3		1.2	0.45
106-46-7	1,4-Dichlorobenzene	147.00	28.4		1.2	0.54
123-91-1	1,4-Dioxane	88.11	18.5		18	0.17
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	13.8		1.5	1.5
95-49-8	2-Chlorotoluene	126.59	24.9		1.0	0.24
107-05-1	3-Chloropropene	76.53	13.0		1.6	0.38
622-96-8	4-Ethyltoluene	120.20	24.7		0.98	0.24
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	18.1		2.1	0.53
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	17.9		2.1	0.62
67-64-1	Acetone	58.08	10.1	J	12	3.8
71-43-2	Benzene	78.11	14.3		0.64	0.14
75-27-4	Bromodichloromethane	163.83	29.6		1.3	0.34
593-60-2	Bromoethene (Vinyl Bromide)	106.96	20.3		0.88	0.22
75-25-2	Bromoform	252.75	52.8		2.1	1.2
74-83-9	Bromomethane	94.94	19.8		0.78	0.28
75-15-0	Carbon disulfide	76.14	12.4		1.6	0.41

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 410-709592/4

Matrix: Air Lab File ID: 7006X05.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/06/2025 14:42

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	33.7		0.22	0.14
108-90-7	Chlorobenzene	112.56	20.4		0.92	0.20
75-45-6	Chlorodifluoromethane	86.47	18.1		1.8	0.42
75-00-3	Chloroethane	64.52	12.0		1.3	0.48
100-44-7	Benzyl chloride	126.58	24.1		1.0	0.46
67-66-3	Chloroform	119.38	22.6		0.98	0.20
74-87-3	Chloromethane	50.49	9.63		1.0	0.31
156-59-2	cis-1,2-Dichloroethene	96.94	17.2		0.20	0.083
10061-01-5	cis-1,3-Dichloropropene	110.97	19.7		0.91	0.20
110-82-7	Cyclohexane	84.16	15.5		0.69	0.11
124-48-1	Dibromochloromethane	208.28	41.5		1.7	0.13
75-71-8	Dichlorodifluoromethane	120.91	23.8		2.5	0.54
100-41-4	Ethylbenzene	106.17	20.1		0.87	0.23
76-13-1	1,1,2-Trichlorotrifluoro ethane	187.38	41.1		1.5	0.41
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	37.0		1.4	0.34
142-82-5	n-Heptane	100.21	18.9		0.82	0.23
87-68-3	Hexachlorobutadiene	260.76	53.1		2.1	1.2
110-54-3	n-Hexane	86.17	15.0		1.8	0.39
540-84-1	2,2,4-Trimethylpentane	114.23	20.9		0.93	0.18
98-82-8	Cumene	120.19	24.6		0.98	0.20
67-63-0	Isopropyl alcohol	60.10	9.51	J	12	3.9
179601-23-1	m,p-Xylene	106.17	23.0		2.2	0.41
80-62-6	Methyl methacrylate	100.12	18.3		2.1	0.57
1634-04-4	Methyl tert-butyl ether	88.15	17.6		0.72	0.13
75-09-2	Methylene Chloride	84.93	16.9		1.7	0.63
91-20-3	Naphthalene	128.17	24.1		2.0	1.6
95-47-6	o-Xylene	106.17	20.6		0.87	0.23
100-42-5	Styrene	104.15	20.5		0.85	0.25
75-65-0	tert-Butyl alcohol	74.12	16.1		15	3.6
127-18-4	Tetrachloroethene	165.83	31.8		1.4	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 410-709592/4

Matrix: Air Lab File ID: 7006X05.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/06/2025 14:42

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
109-99-9	Tetrahydrofuran	72.11	11.6	J	15	3.8
108-88-3	Toluene	92.14	16.9		0.75	0.16
156-60-5	trans-1,2-Dichloroethene	96.94	16.9		0.79	0.091
10061-02-6	trans-1,3-Dichloropropene	110.97	22.3		0.91	0.25
79-01-6	Trichloroethene	131.39	24.9		0.20	0.13
75-69-4	Trichlorofluoromethane	137.37	28.9		1.1	0.28
75-01-4	Vinyl chloride	62.50	12.9		0.20	0.054
103-65-1	N-Propylbenzene	120.19	24.2		0.98	0.23
104-51-8	n-Butylbenzene	134.22	24.3		1.1	0.60
135-98-8	sec-Butylbenzene	134.22	26.3		1.1	0.25
98-06-6	tert-Butylbenzene	134.22	27.3		1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	26.4		1.1	0.34

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X05.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 06-Oct-2025 14:42:47 ALS Bottle#: 4 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 410-0162112-004
 Operator ID: sn105465 Instrument ID: HP8R004
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 07-Oct-2025 16:14:53 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1671

First Level Reviewer: D7UM

Date: 07-Oct-2025 08:41:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.311	3.312	-0.001	99	92027	NC	NC	
2 Dichlorodifluoromethane	85	3.376	3.376	0.000	87	331902	5.00	4.82	
3 Chlorodifluoromethane	51	3.412	3.412	0.000	71	199248	5.00	5.11	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.648	3.648	0.000	97	323985	5.00	5.29	
5 Chloromethane	50	3.770	3.770	0.000	89	114967	5.00	4.66	
6 Vinyl chloride	62	4.013	4.014	-0.001	84	126768	5.00	5.05	
7 Butadiene	54	4.099	4.100	-0.001	92	83646	5.00	4.30	
8 Bromomethane	94	4.701	4.701	0.000	92	95200	5.00	5.09	
9 Chloroethane	64	4.916	4.916	0.000	94	69057	5.00	4.55	
10 Vinyl bromide	106	5.274	5.274	0.000	97	112682	5.00	4.63	
13 Dichlorofluoromethane	67	5.331	5.332	-0.001	81	302956	NC	NC	
12 Trichlorofluoromethane	101	5.410	5.410	0.000	86	323194	5.00	5.15	
11 Pentane	43	5.589	5.589	0.000	96	209319	NC	NC	
14 Ethanol	45	5.661	5.661	0.000	96	35267	NC	NC	M
19 Acrolein	56	6.148	6.155	-0.007	93	49222	NC	NC	
15 1,1-Dichloroethene	61	6.349	6.349	0.000	86	208630	5.00	4.91	
16 1,1,2-Trichloro-1,2,2-trifluoroe	103	6.377	6.377	0.000	87	167666	5.00	5.36	
23 Acetone	43	6.377	6.377	0.000	88	189827	5.00	4.24	
20 Isopropyl alcohol	45	6.592	6.592	0.000	61	128266	5.00	3.87	
18 Iodomethane	142	6.614	6.614	0.000	100	247938	NC	NC	
17 Carbon disulfide	76	6.757	6.757	0.000	99	356489	5.00	3.97	
28 Acetonitrile	41	6.829	6.836	-0.007	97	116965	NC	NC	
21 3-Chloro-1-propene	41	6.979	6.979	0.000	90	171701	5.00	4.15	
22 Methylene Chloride	84	7.194	7.194	0.000	91	115436	5.00	4.86	
27 2-Methyl-2-propanol	59	7.294	7.294	0.000	96	146420	5.55	5.32	
31 Acrylonitrile	53	7.531	7.538	-0.007	97	103895	NC	NC	M
26 Methyl tert-butyl ether	73	7.631	7.631	0.000	89	317114	5.00	4.88	
24 trans-1,2-Dichloroethene	61	7.660	7.667	-0.007	92	192069	5.00	4.26	
25 Hexane	56	8.111	8.118	-0.007	95	98876	5.00	4.25	
33 Vinyl acetate	86	8.326	8.326	0.000	97	26522	NC	NC	
30 1,1-Dichloroethane	63	8.354	8.354	0.000	85	247483	5.00	4.50	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
29 Isopropyl ether	45	8.397	8.397	0.000	94	433795	NC	NC	
32 Tert-butyl ethyl ether	59	8.963	8.970	-0.007	90	364290	NC	NC	
43 2-Butanone (MEK)	72	9.178	9.178	0.000	99	59687	5.00	4.69	
34 cis-1,2-Dichloroethene	61	9.243	9.243	0.000	71	222299	5.00	4.34	
38 Ethyl acetate	70	9.250	9.250	0.000	87	31224	NC	NC	
39 Methyl acrylate	55	9.329	9.329	-0.001	88	222614	NC	NC	
* 35 Chlorobromomethane (IS)	130	9.615	9.615	0.000	94	301494	10.0	10.0	
41 Tetrahydrofuran	42	9.637	9.637	0.000	85	144372	5.00	3.92	
37 Chloroform	83	9.758	9.758	0.000	69	285391	5.00	4.63	
42 1,1,1-Trichloroethane	97	10.052	10.052	0.000	59	265153	5.00	4.87	
36 Cyclohexane	56	10.188	10.188	0.000	92	193885	5.00	4.51	
40 Carbon tetrachloride	117	10.303	10.310	-0.007	78	269684	5.00	5.35	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.539	10.539	0.000	0	448754	NC	NC	
46 Benzene	78	10.596	10.597	0.000	95	408003	5.00	4.46	
48 1,2-Dichloroethane	62	10.661	10.661	0.000	86	192728	5.00	4.57	
47 Tert-amyl methyl ether	73	10.768	10.768	0.000	74	335339	NC	NC	
44 Isooctane	57	10.775	10.783	-0.008	92	626387	5.00	4.48	
45 n-Heptane	71	11.026	11.026	0.000	93	127681	5.00	4.62	
* 50 1,4-Difluorobenzene	114	11.220	11.220	0.000	95	1130333	10.0	10.0	
49 Trichloroethene	130	11.585	11.585	0.000	94	168875	5.00	4.64	
52 Ethyl acrylate	55	11.635	11.635	0.000	99	273986	NC	NC	
53 1,2-Dichloropropane	63	11.929	11.929	0.000	79	163080	5.00	4.29	
55 Methyl methacrylate	69	11.943	11.943	0.000	91	128652	5.00	4.46	
56 1,4-Dioxane	88	11.993	12.000	-0.007	82	63390	5.00	5.13	
51 Dibromomethane	174	12.043	12.043	0.000	84	152422	NC	NC	
54 Dichlorobromomethane	83	12.244	12.244	0.000	99	294655	5.00	4.42	
57 cis-1,3-Dichloropropene	75	12.745	12.753	-0.008	90	232076	5.00	4.34	
60 4-Methyl-2-pentanone (MIBK)	43	12.867	12.867	0.000	98	311738	5.00	4.43	
\$ 103 Toluene-d8 (Surr)	98	13.053	13.053	0.000	92	1182498	NC	NC	
59 Toluene	91	13.132	13.132	0.000	97	474553	5.00	4.49	
58 n-Octane	43	13.240	13.240	0.000	87	332558	NC	NC	
62 trans-1,3-Dichloropropene	75	13.340	13.340	0.000	96	207872	5.00	4.90	
63 Ethyl methacrylate	69	13.369	13.369	0.000	90	220147	NC	NC	
64 1,1,2-Trichloroethane	97	13.548	13.548	0.000	86	165942	5.00	4.68	
61 Tetrachloroethene	166	13.669	13.669	0.000	95	213637	5.00	4.69	
67 2-Hexanone	43	13.720	13.720	0.000	99	280919	5.00	4.36	
65 Chlorodibromomethane	127	13.934	13.935	-0.001	88	221925	5.00	4.87	
66 Ethylene Dibromide	107	14.063	14.063	0.000	97	248618	5.00	4.67	
* 68 Chlorobenzene-d5 (IS)	117	14.464	14.465	-0.001	87	1026602	10.0	10.0	
69 Chlorobenzene	112	14.493	14.493	0.000	92	353921	5.00	4.42	
70 Ethylbenzene	91	14.558	14.558	0.000	70	592126	5.00	4.64	
71 1,1,1,2-Tetrachloroethane	131	14.565	14.558	0.007	53	195576	NC	NC	
72 m-Xylene & p-Xylene	91	14.665	14.665	0.000	96	500556	5.00	5.29	
73 o-Xylene	91	14.987	14.988	-0.001	93	446737	5.00	4.75	
74 Styrene	104	15.002	15.002	0.000	90	328702	5.00	4.81	
75 Bromoform	173	15.174	15.174	0.000	93	252358	5.00	5.11	
76 Isopropylbenzene	105	15.267	15.267	0.000	97	591102	5.00	5.01	
79 1,1,2,2-Tetrachloroethane	83	15.482	15.482	0.000	61	346482	5.00	4.28	M
83 1,2,3-Trichloropropane	110	15.546	15.539	0.007	57	91000	NC	NC	
78 Bromobenzene	156	15.546	15.546	0.000	87	190605	NC	NC	
77 N-Propylbenzene	120	15.582	15.582	0.000	90	157745	5.00	4.93	
80 4-Ethyltoluene	105	15.668	15.668	0.000	89	592700	5.00	5.03	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
81 2-Chlorotoluene	126	15.668	15.668	0.000	89	147170	5.00	4.82	
82 1,3,5-Trimethylbenzene	105	15.697	15.697	0.000	65	492068	5.00	5.22	Ma
84 Alpha Methyl Styrene	118	15.861	15.861	0.000	90	223410	NC	NC	
85 tert-Butylbenzene	119	15.947	15.947	0.000	78	467692	5.00	4.98	M
86 1,2,4-Trimethylbenzene	105	15.983	15.983	0.000	98	477170	5.00	4.79	
87 sec-Butylbenzene	105	16.105	16.105	0.000	95	684077	5.00	4.79	
88 4-Isopropyltoluene	119	16.205	16.205	0.000	96	544504	5.00	4.80	
89 1,3-Dichlorobenzene	146	16.227	16.227	0.000	96	310689	5.00	4.70	
90 1,4-Dichlorobenzene	146	16.305	16.306	-0.001	92	314155	5.00	4.73	
92 Benzyl chloride	126	16.370	16.370	0.000	83	72581	5.00	4.65	
91 n-Butylbenzene	92	16.506	16.506	0.000	96	270599	5.00	4.42	
94 1,2-Dichlorobenzene	146	16.578	16.578	0.000	95	289275	5.00	4.73	
93 Hexachloroethane	117	16.814	16.814	0.000	93	187252	NC	NC	
95 1,2-Dibromo-3-Chloropropane	157	17.179	17.179	0.000	77	136366	NC	NC	
97 1,2,4-Trichlorobenzene	180	17.881	17.881	0.000	92	207634	5.00	5.03	
96 Hexachlorobutadiene	225	17.982	17.982	0.000	93	185089	5.00	4.98	
98 Naphthalene	128	18.161	18.154	0.007	97	451204	5.80	4.60	
S 100 1,2-Dichloroethene, Total	61				0	414368	10.0	0	
S 109 1,3-Dichloropropene, Total	75				0		10.0	9.24	
S 101 Xylenes, Total	91				0	947293	10.0	0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

AIRLCS10.0_00570

Amount Added: 100.00

Units: mL

AIRIS200 ppb_00532

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 07-Oct-2025 16:14:59

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X05.D

Injection Date: 06-Oct-2025 14:42:47

Instrument ID: HP8R004

Lims ID: LCS

Client ID:

Operator ID: sn105465

ALS Bottle#: 4

Worklist Smp#: 4

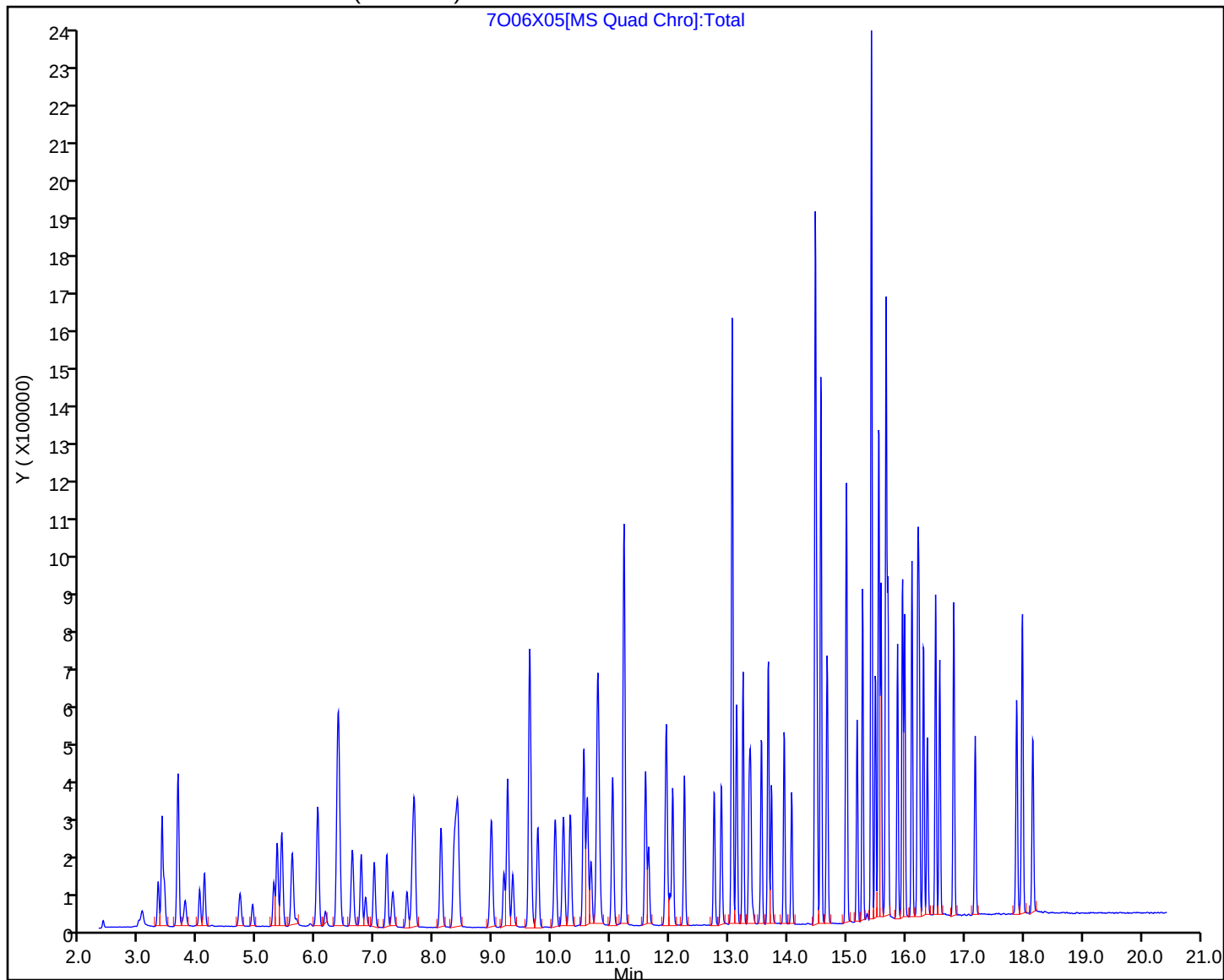
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

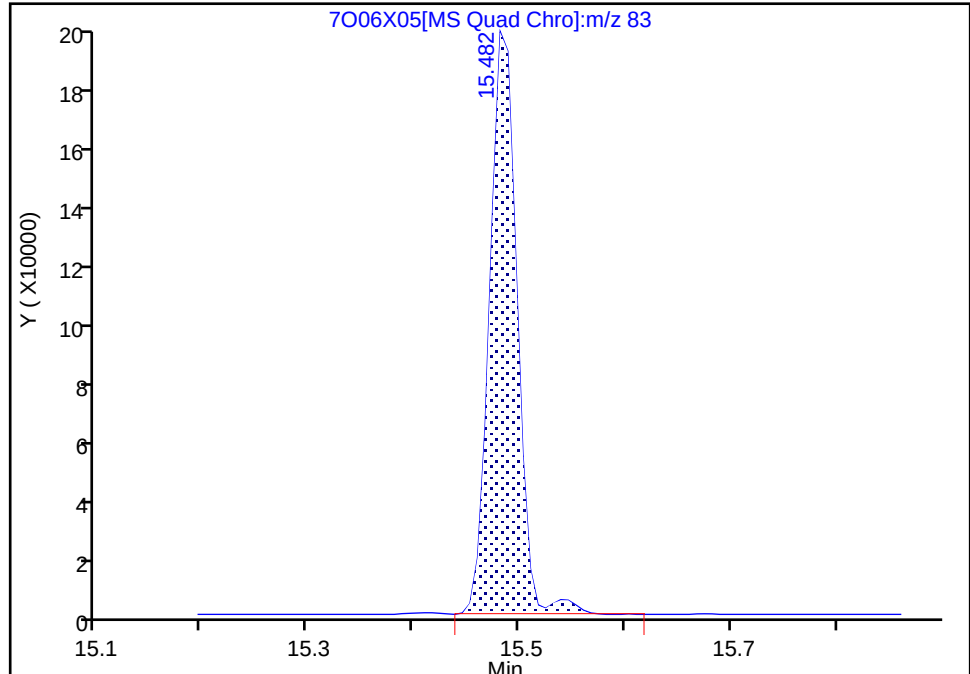
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Injection Date: 06-Oct-2025 14:42:47 Instrument ID: HP8R004
Lims ID: LCS
Client ID:
Operator ID: sn105465 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

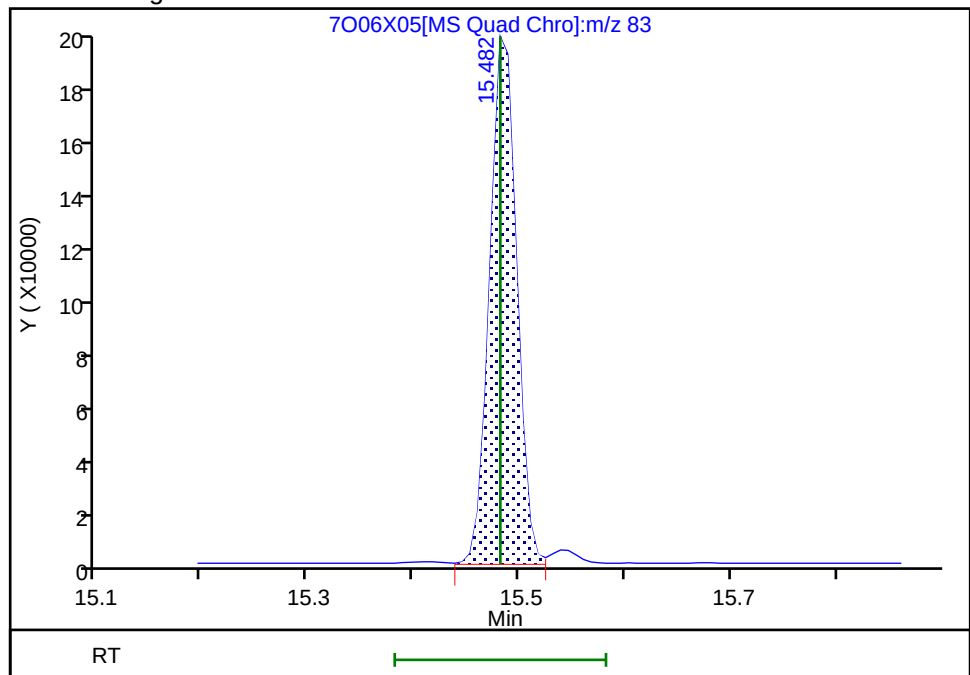
RT: 15.48
Area: 354979
Amount: 4.386400
Amount Units: ppb v/v

Processing Integration Results



RT: 15.48
Area: 346482
Amount: 4.281404
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 07-Oct-2025 08:41:27 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

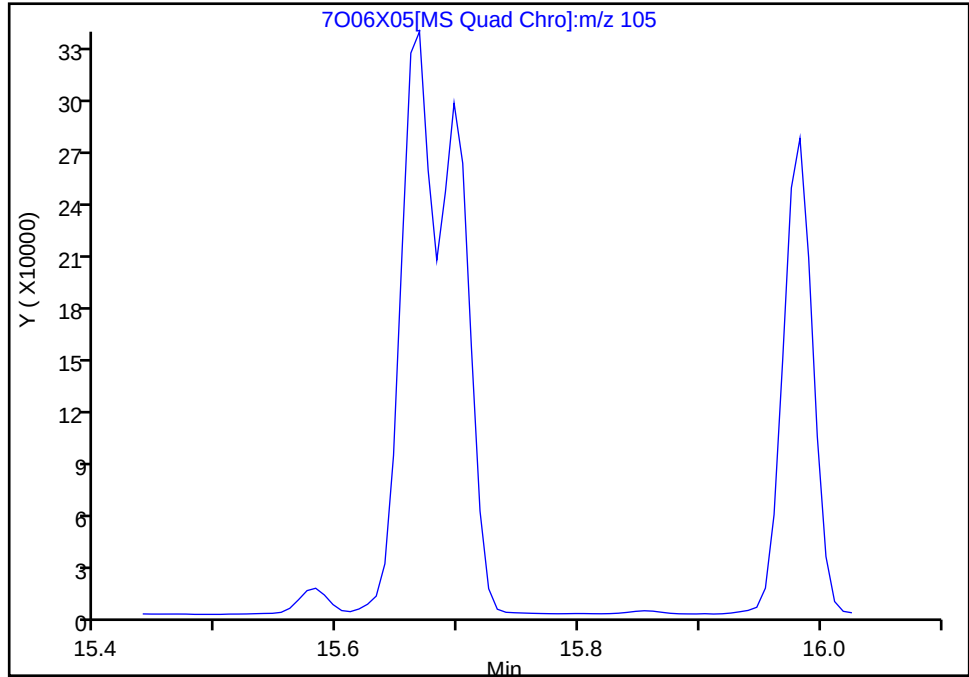
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Injection Date: 06-Oct-2025 14:42:47 Instrument ID: HP8R004
Lims ID: LCS
Client ID:
Operator ID: sn105465 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

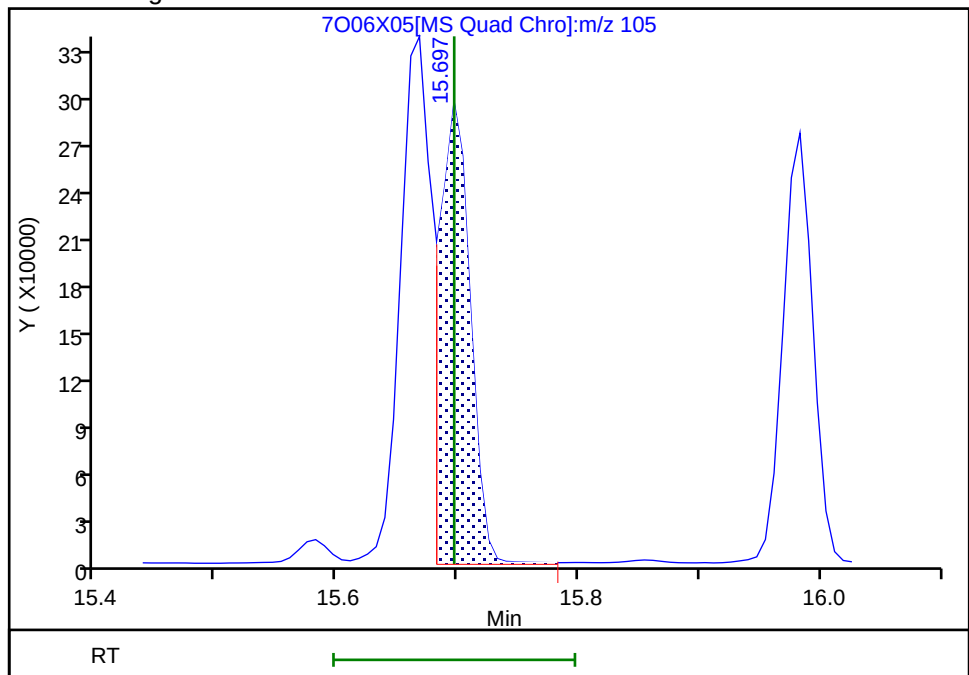
Not Detected
Expected RT: 15.70

Processing Integration Results



Manual Integration Results

RT: 15.70
Area: 492068
Amount: 5.218916
Amount Units: ppb v/v



Reviewer: D7UM, 07-Oct-2025 08:41:43 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

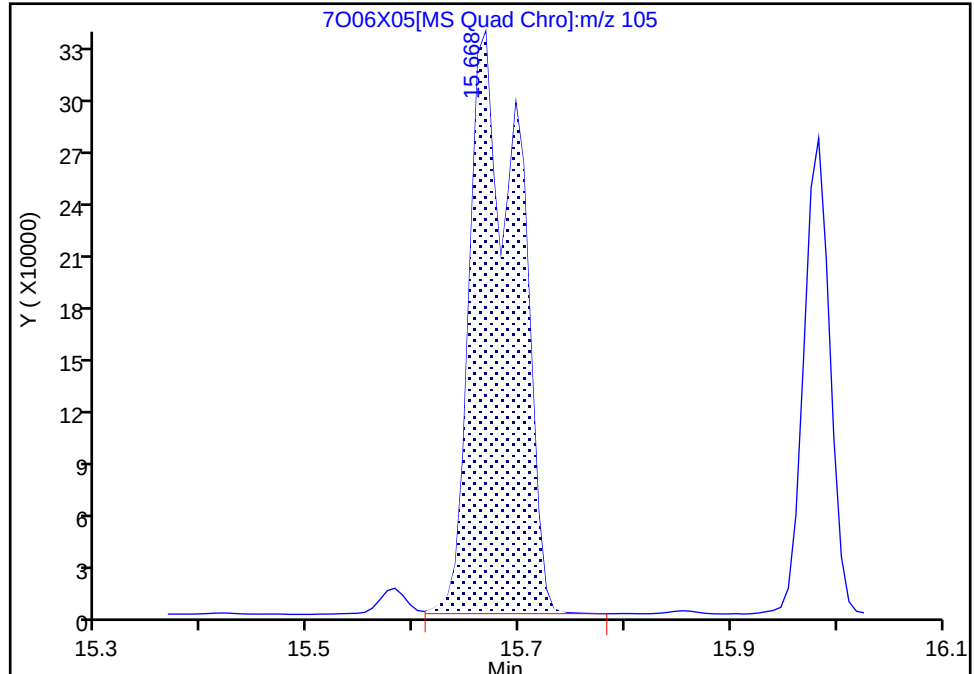
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Injection Date: 06-Oct-2025 14:42:47 Instrument ID: HP8R004
Lims ID: LCS
Client ID:
Operator ID: sn105465 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

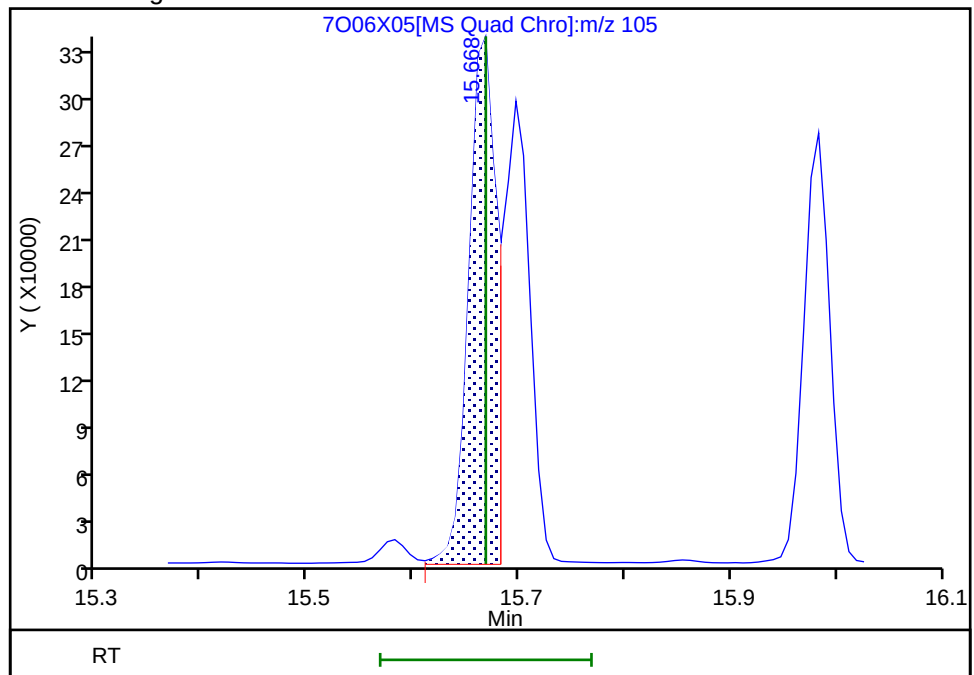
RT: 15.67
Area: 1084768
Amount: 9.210338
Amount Units: ppb v/v

Processing Integration Results



RT: 15.67
Area: 592700
Amount: 5.032382
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 07-Oct-2025 08:41:36 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

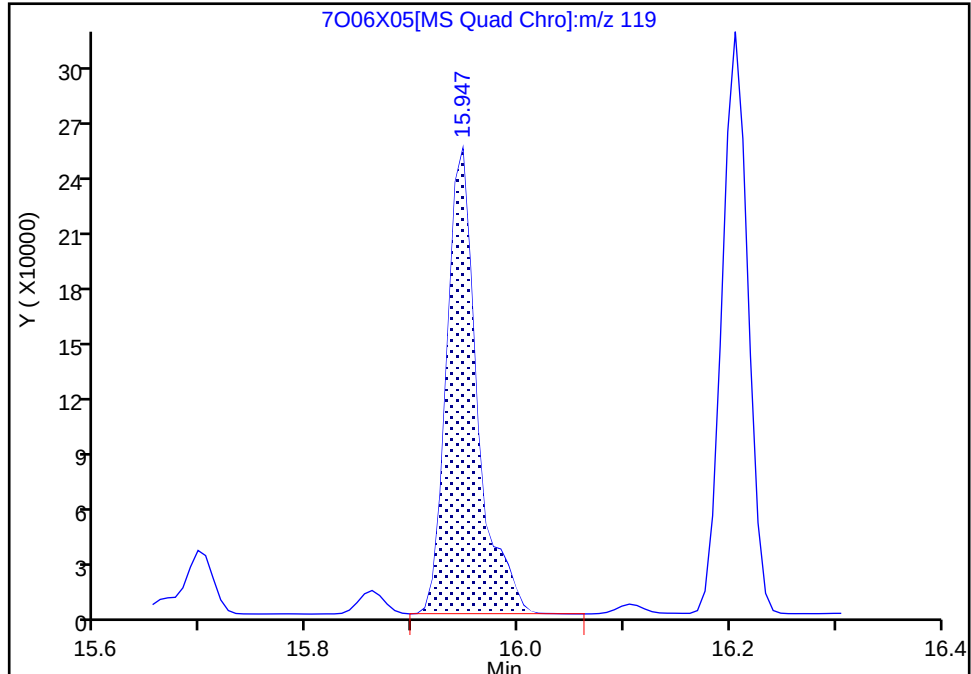
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Injection Date: 06-Oct-2025 14:42:47 Instrument ID: HP8R004
Lims ID: LCS
Client ID:
Operator ID: sn105465 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

85 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

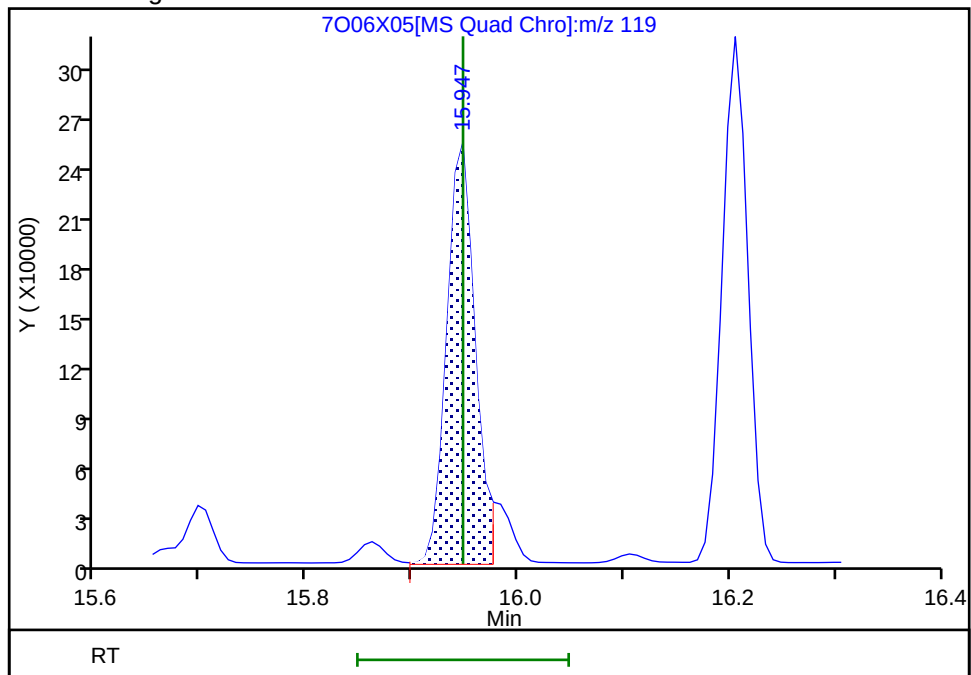
RT: 15.95
Area: 512567
Amount: 5.456787
Amount Units: ppb v/v

Processing Integration Results



RT: 15.95
Area: 467692
Amount: 4.979048
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 07-Oct-2025 08:41:49 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM I

Job No.: 460-336014-1

Client Sample ID:

Lab Sample ID: LCS 410-709592/5

Lab File ID: 7006X06.D

Date Collected:

Date Analyzed: 10/06/2025 15:09

Dilution Factor: 1

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Heated Purge: (Y/N) pH:

Level: (low/med) Low

Units: ug/m3

Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
106-97-8	n-Butane	58.12	9.45		1.2	0.48

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X06.D
 Lims ID: LCS Butane
 Client ID:
 Sample Type: LCS
 Inject. Date: 06-Oct-2025 15:09:57 ALS Bottle#: 5 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: LCS Butane
 Misc. Info.: 410-0162112-005
 Operator ID: sn105465 Instrument ID: HP8R004
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 07-Oct-2025 16:14:53 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1671

First Level Reviewer: D7UM

Date: 06-Oct-2025 15:34:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
124 Butane	43	4.021	4.006	0.015	50	178681	5.00	3.98	M
* 35 Chlorobromomethane (IS)	130	9.622	9.615	0.007	94	292676	10.0	10.0	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.539	10.539	0.000	0	440893	NC	NC	
* 50 1,4-Difluorobenzene	114	11.220	11.220	0.000	96	1036738	10.0	10.0	
\$ 103 Toluene-d8 (Surr)	98	13.053	13.053	0.000	95	1125451	NC	NC	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.465	0.000	88	1007058	10.0	10.0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

AIRLCS10.0_00572

Amount Added: 100.00

Units: mL

AIRIS200 ppb_00532

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 07-Oct-2025 16:15:09

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X06.D

Injection Date: 06-Oct-2025 15:09:57

Instrument ID: HP8R004

Lims ID: LCS Butane

Client ID:

Operator ID: sn105465

ALS Bottle#:

5

Worklist Smp#:

5

Purge Vol: 200.000 mL

Dil. Factor:

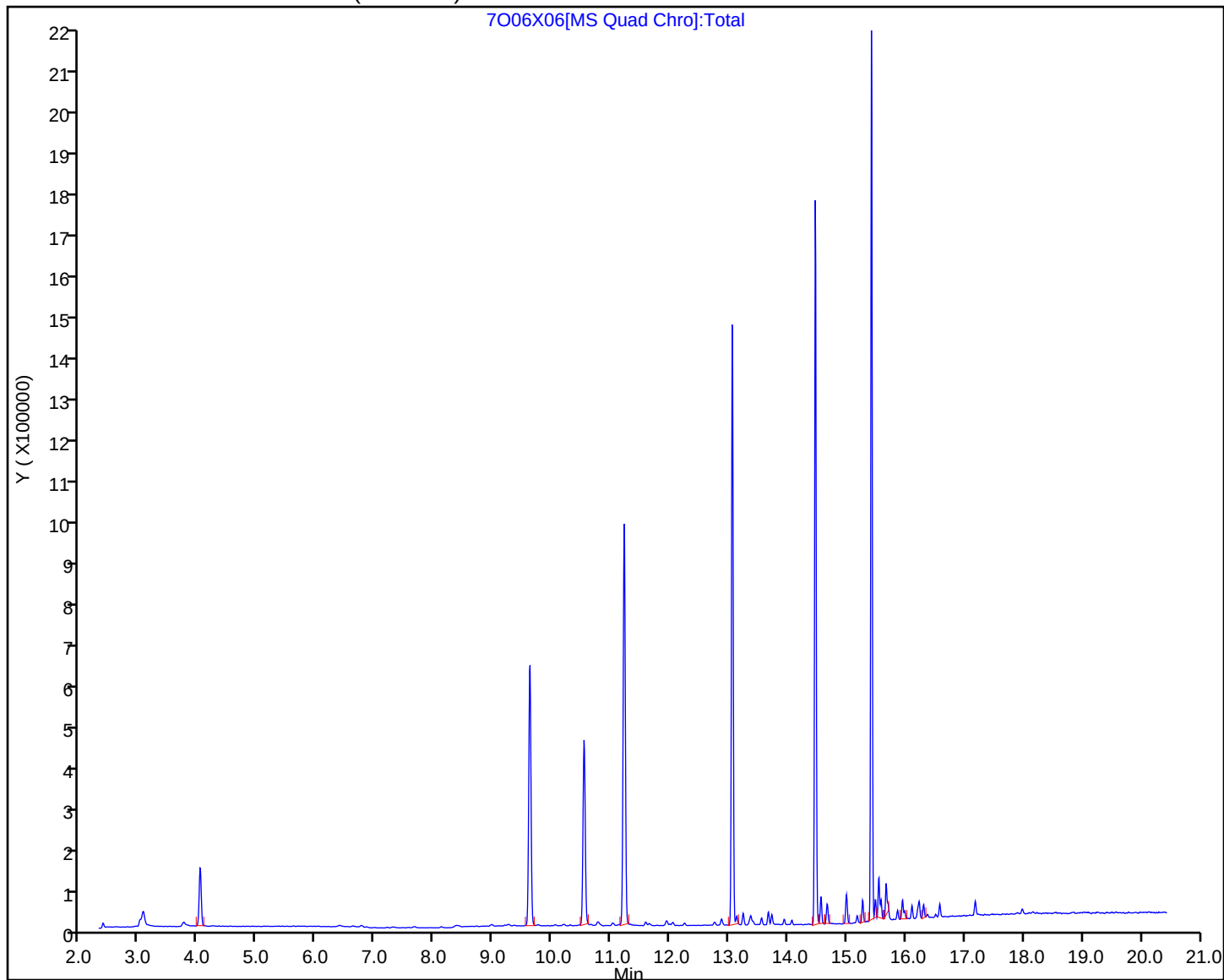
1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

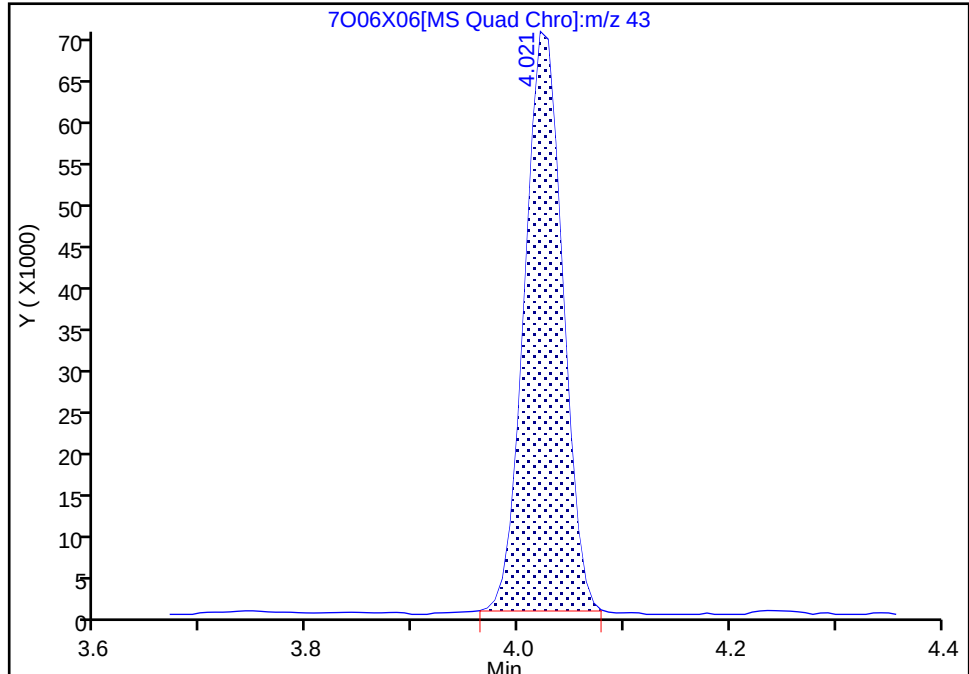
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X06.D
Injection Date: 06-Oct-2025 15:09:57 Instrument ID: HP8R004
Lims ID: LCS Butane
Client ID:
Operator ID: sn105465 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

124 Butane, CAS: 106-97-8

Signal: 1

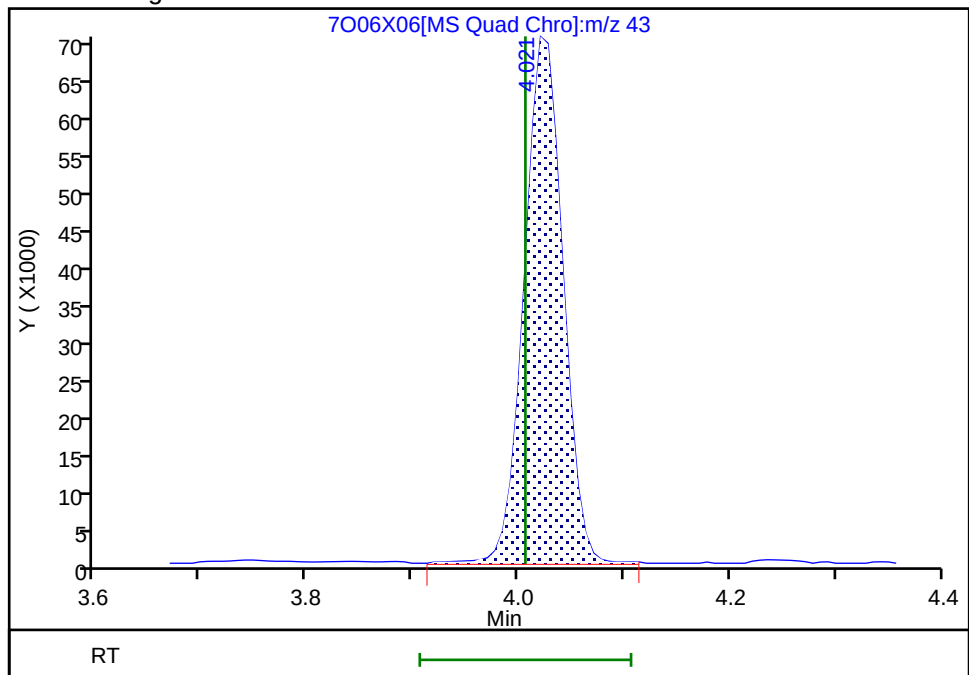
RT: 4.02
Area: 174038
Amount: 3.872869
Amount Units: ppb v/v

Processing Integration Results



RT: 4.02
Area: 178681
Amount: 3.976190
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 06-Oct-2025 15:33:35 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 410-710205/4

Matrix: Air Lab File ID: 7007X03.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 14:35

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710205 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	133.41	27.4		1.1	0.24
79-34-5	1,1,2,2-Tetrachloroethane	167.85	29.7		1.4	0.30
79-00-5	1,1,2-Trichloroethane	133.41	26.3		1.1	0.40
75-34-3	1,1-Dichloroethane	98.96	18.8		0.81	0.10
75-35-4	1,1-Dichloroethene	96.94	21.0		0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	40.9		3.7	0.38
95-63-6	1,2,4-Trimethylbenzene	120.20	24.5		0.98	0.39
106-93-4	1,2-Dibromoethane	187.87	37.2		1.5	0.32
95-50-1	1,2-Dichlorobenzene	147.00	29.3		1.2	0.40
107-06-2	1,2-Dichloroethane	98.96	17.9		0.81	0.38
78-87-5	1,2-Dichloropropane	112.99	20.1		0.92	0.43
108-67-8	1,3,5-Trimethylbenzene	120.20	27.1		0.98	0.23
106-99-0	1,3-Butadiene	54.09	11.0		0.44	0.086
541-73-1	1,3-Dichlorobenzene	147.00	29.2		1.2	0.45
106-46-7	1,4-Dichlorobenzene	147.00	29.4		1.2	0.54
123-91-1	1,4-Dioxane	88.11	19.8		18	0.17
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	15.2		1.5	1.5
95-49-8	2-Chlorotoluene	126.59	25.9		1.0	0.24
107-05-1	3-Chloropropene	76.53	13.9		1.6	0.38
622-96-8	4-Ethyltoluene	120.20	25.2		0.98	0.24
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	19.2		2.1	0.53
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	19.4		2.1	0.62
67-64-1	Acetone	58.08	10.8	J	12	3.8
71-43-2	Benzene	78.11	14.9		0.64	0.14
75-27-4	Bromodichloromethane	163.83	29.4		1.3	0.34
593-60-2	Bromoethene (Vinyl Bromide)	106.96	21.8		0.88	0.22
75-25-2	Bromoform	252.75	53.1		2.1	1.2
74-83-9	Bromomethane	94.94	20.6		0.78	0.28
75-15-0	Carbon disulfide	76.14	13.0		1.6	0.41

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 410-710205/4

Matrix: Air Lab File ID: 7007X03.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 14:35

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710205 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	33.9		0.22	0.14
108-90-7	Chlorobenzene	112.56	21.2		0.92	0.20
75-45-6	Chlorodifluoromethane	86.47	15.1		1.8	0.42
75-00-3	Chloroethane	64.52	12.8		1.3	0.48
100-44-7	Benzyl chloride	126.58	25.5		1.0	0.46
67-66-3	Chloroform	119.38	22.9		0.98	0.20
74-87-3	Chloromethane	50.49	7.58		1.0	0.31
156-59-2	cis-1,2-Dichloroethene	96.94	18.2		0.20	0.083
10061-01-5	cis-1,3-Dichloropropene	110.97	21.2		0.91	0.20
110-82-7	Cyclohexane	84.16	17.1		0.69	0.11
124-48-1	Dibromochloromethane	208.28	41.0		1.7	0.13
75-71-8	Dichlorodifluoromethane	120.91	22.0		2.5	0.54
100-41-4	Ethylbenzene	106.17	21.4		0.87	0.23
76-13-1	1,1,2-Trichlorotrifluoro ethane	187.38	42.7		1.5	0.41
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	35.4		1.4	0.34
142-82-5	n-Heptane	100.21	20.5		0.82	0.23
87-68-3	Hexachlorobutadiene	260.76	54.4		2.1	1.2
110-54-3	n-Hexane	86.17	16.0		1.8	0.39
540-84-1	2,2,4-Trimethylpentane	114.23	22.5		0.93	0.18
98-82-8	Cumene	120.19	26.3		0.98	0.20
67-63-0	Isopropyl alcohol	60.10	10.5	J	12	3.9
179601-23-1	m,p-Xylene	106.17	24.4		2.2	0.41
80-62-6	Methyl methacrylate	100.12	20.0		2.1	0.57
1634-04-4	Methyl tert-butyl ether	88.15	19.4		0.72	0.13
75-09-2	Methylene Chloride	84.93	18.2		1.7	0.63
91-20-3	Naphthalene	128.17	27.1		2.0	1.6
95-47-6	o-Xylene	106.17	22.0		0.87	0.23
100-42-5	Styrene	104.15	21.5		0.85	0.25
75-65-0	tert-Butyl alcohol	74.12	18.5		15	3.6
127-18-4	Tetrachloroethene	165.83	33.1		1.4	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 410-710205/4

Matrix: Air Lab File ID: 7007X03.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 14:35

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710205 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
109-99-9	Tetrahydrofuran	72.11	12.8	J	15	3.8
108-88-3	Toluene	92.14	18.3		0.75	0.16
156-60-5	trans-1,2-Dichloroethene	96.94	17.8		0.79	0.091
10061-02-6	trans-1,3-Dichloropropene	110.97	22.6		0.91	0.25
79-01-6	Trichloroethene	131.39	26.3		0.20	0.13
75-69-4	Trichlorofluoromethane	137.37	28.6		1.1	0.28
75-01-4	Vinyl chloride	62.50	13.0		0.20	0.054
103-65-1	N-Propylbenzene	120.19	25.6		0.98	0.23
104-51-8	n-Butylbenzene	134.22	26.0		1.1	0.60
135-98-8	sec-Butylbenzene	134.22	27.9		1.1	0.25
98-06-6	tert-Butylbenzene	134.22	31.0		1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	27.6		1.1	0.34

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X03.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 07-Oct-2025 14:35:54 ALS Bottle#: 4 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 410-0162271-004
 Operator ID: al109694 Instrument ID: HP8R004
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 07-Oct-2025 18:28:35 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1660

First Level Reviewer: JXC9

Date: 07-Oct-2025 15:16:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.326	3.311	0.015	98	98301	NC	NC	
2 Dichlorodifluoromethane	85	3.397	3.376	0.021	87	361637	5.00	4.45	
3 Chlorodifluoromethane	51	3.433	3.412	0.021	72	196307	5.00	4.27	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.662	3.648	0.014	97	365686	5.00	5.06	
5 Chloromethane	50	3.784	3.770	0.014	89	106763	5.00	3.67	
6 Vinyl chloride	62	4.035	4.013	0.022	84	150071	5.00	5.07	
7 Butadiene	54	4.114	4.099	0.015	91	114237	5.00	4.98	
8 Bromomethane	94	4.715	4.701	0.014	91	116987	5.00	5.30	
9 Chloroethane	64	4.930	4.916	0.014	95	86455	5.00	4.83	
10 Vinyl bromide	106	5.288	5.274	0.014	97	143094	5.00	4.99	
13 Dichlorofluoromethane	67	5.346	5.331	0.015	82	367614	NC	NC	
12 Trichlorofluoromethane	101	5.425	5.410	0.015	87	376075	5.00	5.08	
11 Pentane	43	5.604	5.582	0.022	95	269265	NC	NC	
14 Ethanol	45	5.675	5.661	0.014	51	46199	NC	NC	
19 Acrolein	56	6.162	6.148	0.014	94	64166	NC	NC	
15 1,1-Dichloroethene	61	6.363	6.349	0.014	88	264523	5.00	5.28	
16 1,1,2-Trichloro-1,2,2-trifluoroe	103	6.384	6.370	0.014	87	205772	5.00	5.58	
23 Acetone	43	6.392	6.377	0.015	90	239123	5.00	4.53	
20 Isopropyl alcohol	45	6.606	6.592	0.014	65	166475	5.00	4.26	
18 Iodomethane	142	6.621	6.614	0.007	99	324499	NC	NC	
17 Carbon disulfide	76	6.771	6.757	0.014	99	443029	5.00	4.18	
28 Acetonitrile	41	6.843	6.829	0.014	97	142972	NC	NC	
21 3-Chloro-1-propene	41	6.993	6.979	0.014	91	216871	5.00	4.45	
22 Methylene Chloride	84	7.201	7.194	0.007	91	146529	5.00	5.23	
27 2-Methyl-2-propanol	59	7.308	7.294	0.014	98	197495	5.55	6.09	
31 Acrylonitrile	53	7.545	7.531	0.014	98	139970	NC	NC	
26 Methyl tert-butyl ether	73	7.645	7.631	0.014	89	413163	5.00	5.39	
24 trans-1,2-Dichloroethene	61	7.674	7.660	0.014	93	239086	5.00	4.49	
25 Hexane	56	8.125	8.111	0.014	71	125016	5.00	4.55	
33 Vinyl acetate	86	8.333	8.326	0.007	97	33265	NC	NC	
30 1,1-Dichloroethane	63	8.361	8.354	0.007	85	302135	5.00	4.66	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
29 Isopropyl ether	45	8.404	8.397	0.007	94	547456	NC	NC	
32 Tert-butyl ethyl ether	59	8.977	8.970	0.007	90	481707	NC	NC	
43 2-Butanone (MEK)	72	9.185	9.178	0.007	100	77235	5.00	5.14	
34 cis-1,2-Dichloroethene	61	9.250	9.243	0.007	69	277549	5.00	4.60	
38 Ethyl acetate	70	9.257	9.243	0.014	87	39153	NC	NC	
39 Methyl acrylate	55	9.336	9.329	0.008	88	282795	NC	NC	
* 35 Chlorobromomethane (IS)	130	9.622	9.615	0.007	95	355524	10.0	10.0	
41 Tetrahydrofuran	42	9.644	9.637	0.007	89	188188	5.00	4.33	
37 Chloroform	83	9.758	9.758	0.000	69	340615	5.00	4.68	
42 1,1,1-Trichloroethane	97	10.059	10.052	0.007	60	322620	5.00	5.03	
36 Cyclohexane	56	10.195	10.188	0.007	93	252058	5.00	4.97	
40 Carbon tetrachloride	117	10.310	10.303	0.007	69	320156	5.00	5.39	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.539	10.539	0.000	0	498714	NC	NC	
46 Benzene	78	10.604	10.596	0.008	91	512778	5.00	4.65	
48 1,2-Dichloroethane	62	10.661	10.654	0.007	86	225298	5.00	4.43	
47 Tert-amyl methyl ether	73	10.775	10.768	0.007	76	440163	NC	NC	
44 Isooctane	57	10.783	10.775	0.008	94	812018	5.00	4.81	
45 n-Heptane	71	11.026	11.026	0.000	95	166767	5.00	5.00	
* 50 1,4-Difluorobenzene	114	11.220	11.220	0.000	95	1363098	10.0	10.0	
49 Trichloroethene	130	11.585	11.585	0.000	94	214481	5.00	4.89	
52 Ethyl acrylate	55	11.635	11.635	0.000	98	356158	NC	NC	
53 1,2-Dichloropropane	63	11.929	11.929	0.000	83	199719	5.00	4.35	
55 Methyl methacrylate	69	11.950	11.943	0.007	94	170017	5.00	4.88	
56 1,4-Dioxane	88	12.000	11.993	0.007	84	81831	5.00	5.49	
51 Dibromomethane	174	12.050	12.043	0.007	86	191447	NC	NC	
54 Dichlorobromomethane	83	12.244	12.244	0.000	93	352425	5.00	4.39	
57 cis-1,3-Dichloropropene	75	12.752	12.745	0.007	91	300720	5.00	4.66	
60 4-Methyl-2-pentanone (MIBK)	43	12.874	12.867	0.007	97	398050	5.00	4.69	
\$ 103 Toluene-d8 (Surr)	98	13.060	13.053	0.007	94	1447503	NC	NC	
59 Toluene	91	13.132	13.132	0.000	83	616770	5.00	4.84	
58 n-Octane	43	13.240	13.240	0.000	87	425432	NC	NC	
62 trans-1,3-Dichloropropene	75	13.347	13.340	0.007	96	254225	5.00	4.98	
63 Ethyl methacrylate	69	13.368	13.369	-0.001	90	284373	NC	NC	
64 1,1,2-Trichloroethane	97	13.555	13.548	0.007	91	205952	5.00	4.82	
61 Tetrachloroethene	166	13.669	13.669	0.000	96	267306	5.00	4.87	
67 2-Hexanone	43	13.719	13.720	-0.001	98	366762	5.00	4.73	
65 Chlorodibromomethane	127	13.942	13.934	0.008	90	264459	5.00	4.81	
66 Ethylene Dibromide	107	14.063	14.063	0.000	98	310142	5.00	4.84	
* 68 Chlorobenzene-d5 (IS)	117	14.464	14.464	0.000	85	1236451	10.0	10.0	
69 Chlorobenzene	112	14.493	14.493	0.000	92	444367	5.00	4.61	
70 Ethylbenzene	91	14.558	14.558	0.000	65	756634	5.00	4.92	
71 1,1,1,2-Tetrachloroethane	131	14.565	14.565	0.000	51	232283	NC	NC	
72 m-Xylene & p-Xylene	91	14.665	14.665	0.000	96	641263	5.00	5.62	
73 o-Xylene	91	14.987	14.987	0.000	94	575494	5.00	5.08	
74 Styrene	104	15.002	15.002	0.000	88	416620	5.00	5.06	
75 Bromoform	173	15.174	15.174	0.000	93	305799	5.00	5.14	
76 Isopropylbenzene	105	15.267	15.267	0.000	96	760555	5.00	5.36	
79 1,1,2,2-Tetrachloroethane	83	15.489	15.482	0.007	61	421962	5.00	4.33	M
83 1,2,3-Trichloropropane	110	15.546	15.539	0.007	56	108797	NC	NC	
78 Bromobenzene	156	15.546	15.546	0.000	86	240763	NC	NC	
77 N-Propylbenzene	120	15.582	15.582	0.000	91	200401	5.00	5.20	
80 4-Ethyltoluene	105	15.668	15.668	0.000	91	727121	5.00	5.13	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
81 2-Chlorotoluene	126	15.668	15.668	0.000	88	183807	5.00	5.00	
82 1,3,5-Trimethylbenzene	105	15.696	15.697	-0.001	66	627139	5.00	5.52	Ma
84 Alpha Methyl Styrene	118	15.861	15.861	0.000	90	284188	NC	NC	
85 tert-Butylbenzene	119	15.947	15.947	0.000	89	639769	5.00	5.66	
86 1,2,4-Trimethylbenzene	105	15.983	15.983	0.000	94	597905	5.00	4.98	
87 sec-Butylbenzene	105	16.105	16.105	0.000	95	873433	5.00	5.07	
88 4-Isopropyltoluene	119	16.205	16.205	0.000	94	686981	5.00	5.03	
89 1,3-Dichlorobenzene	146	16.227	16.227	0.000	97	385820	5.00	4.85	
90 1,4-Dichlorobenzene	146	16.305	16.305	0.000	94	390906	5.00	4.88	
92 Benzyl chloride	126	16.370	16.370	0.000	95	92585	5.00	4.93	
91 n-Butylbenzene	92	16.506	16.506	0.000	96	349612	5.00	4.74	
94 1,2-Dichlorobenzene	146	16.578	16.578	0.000	96	358938	5.00	4.87	
93 Hexachloroethane	117	16.814	16.814	0.000	89	228434	NC	NC	
95 1,2-Dibromo-3-Chloropropane	157	17.179	17.179	0.000	80	173591	NC	NC	
97 1,2,4-Trichlorobenzene	180	17.888	17.881	0.007	92	273906	5.00	5.51	
96 Hexachlorobutadiene	225	17.982	17.982	0.000	88	228441	5.00	5.10	
98 Naphthalene	128	18.161	18.161	0.000	97	610030	5.80	5.17	
S 100 1,2-Dichloroethene, Total	61				0	516635	10.0	0	
S 109 1,3-Dichloropropene, Total	75				0		10.0	9.64	
S 101 Xylenes, Total	91				0	1216757	10.0	0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

AIRLCS10.0_00570

Amount Added: 100.00

Units: mL

AIRIS200 ppb_00532

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 07-Oct-2025 18:28:40

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X03.D

Injection Date: 07-Oct-2025 14:35:54

Instrument ID: HP8R004

Lims ID: LCS

Client ID:

Operator ID: al109694

ALS Bottle#: 4

Worklist Smp#: 4

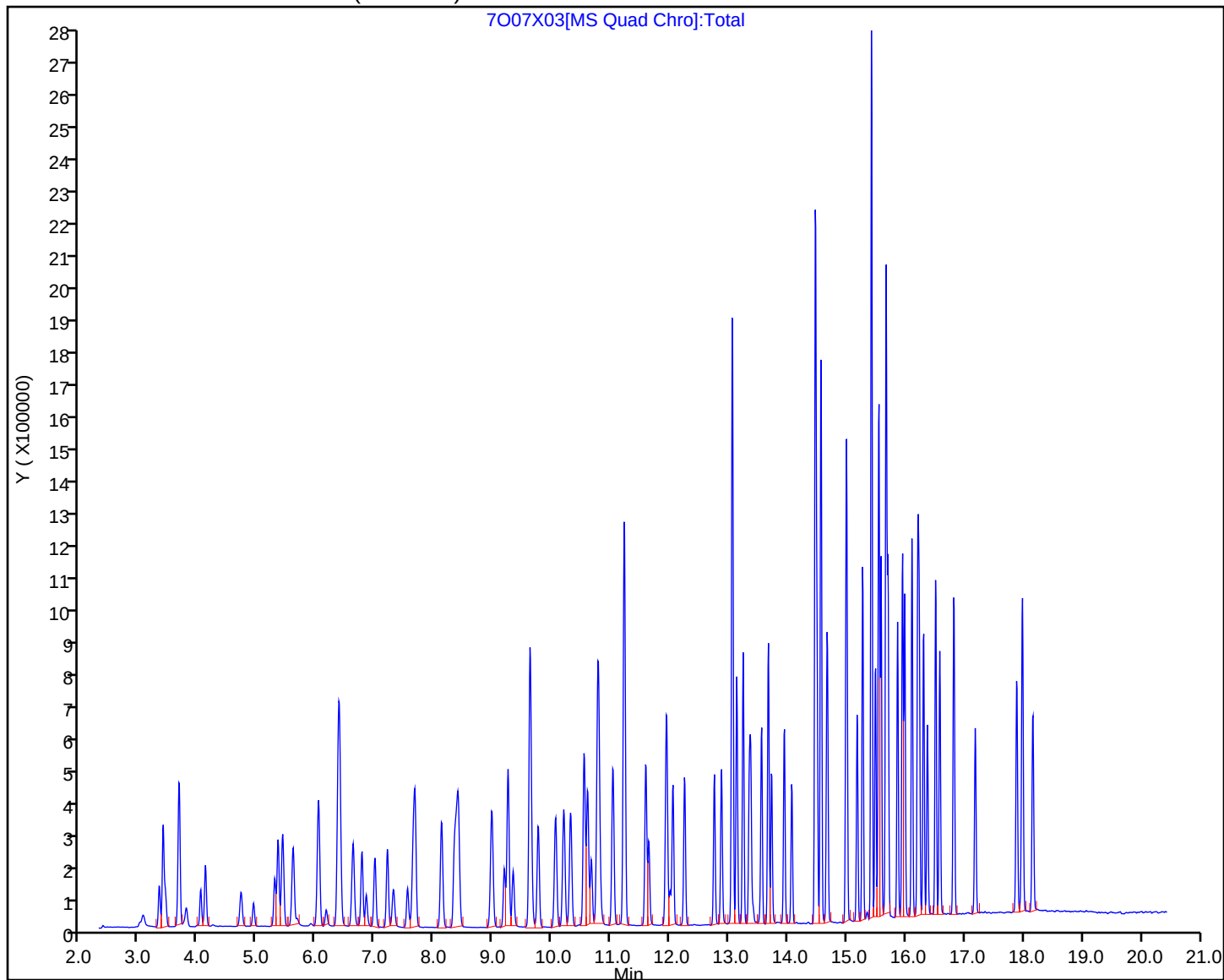
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

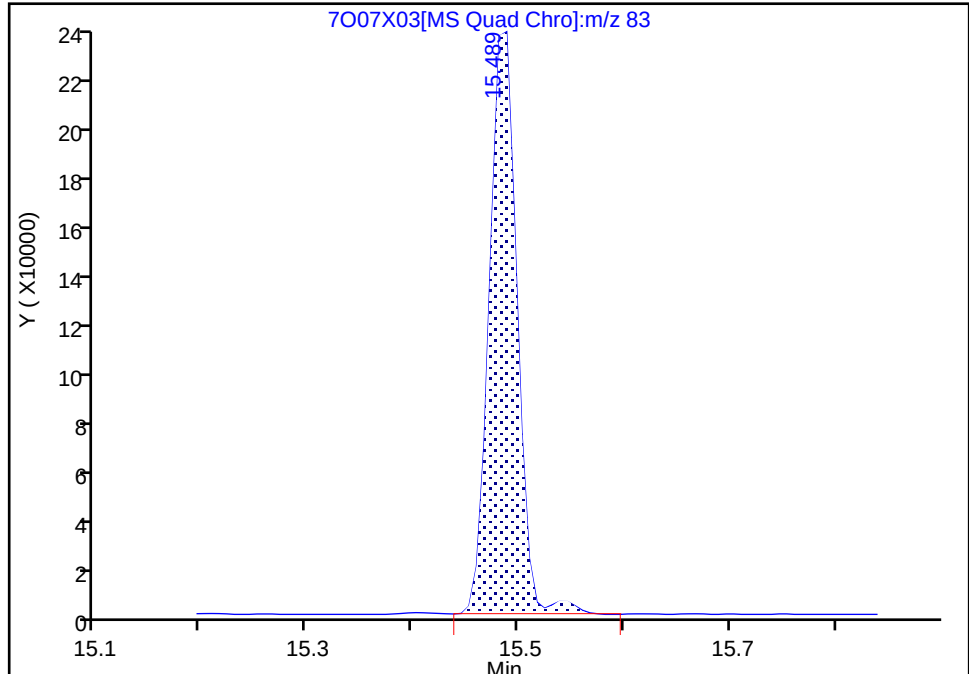
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X03.D
Injection Date: 07-Oct-2025 14:35:54 Instrument ID: HP8R004
Lims ID: LCS
Client ID:
Operator ID: al109694 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

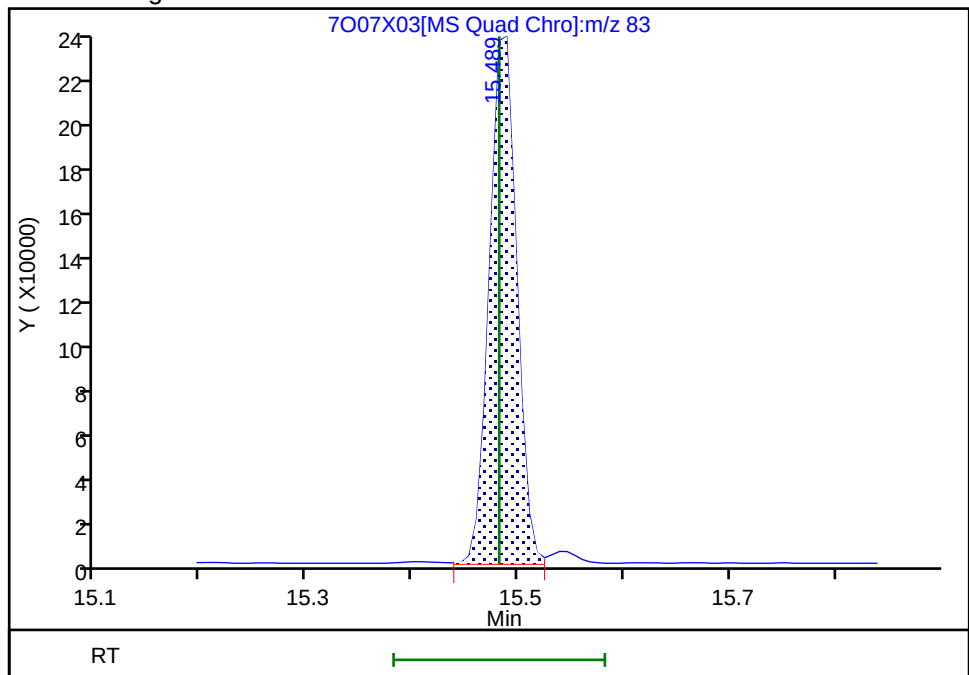
RT: 15.49
Area: 431257
Amount: 4.424528
Amount Units: ppb v/v

Processing Integration Results



RT: 15.49
Area: 421962
Amount: 4.329165
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 07-Oct-2025 16:30:46 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

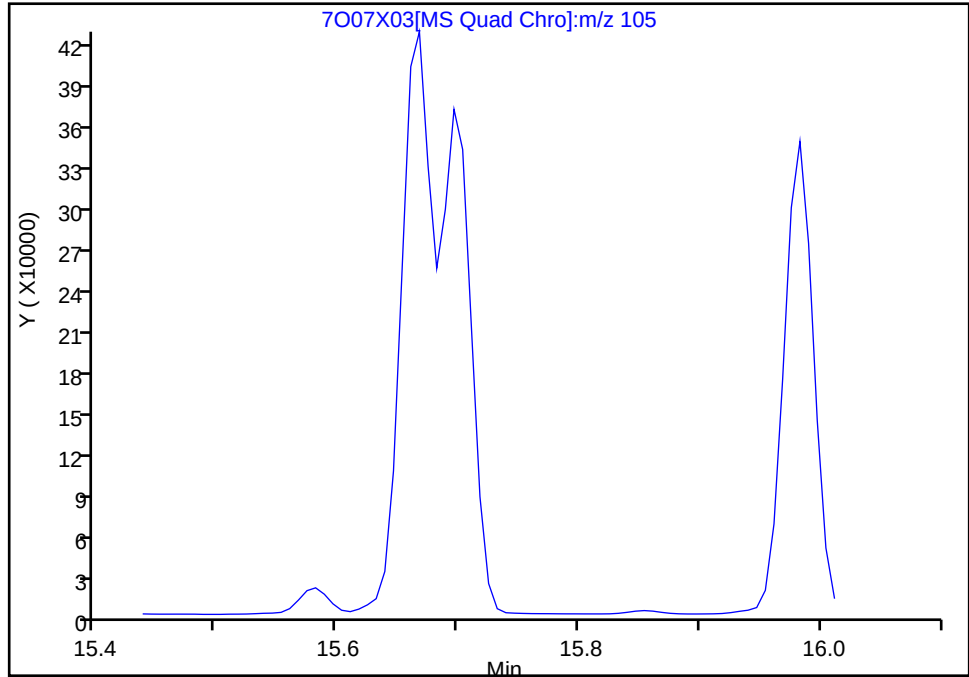
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X03.D
Injection Date: 07-Oct-2025 14:35:54 Instrument ID: HP8R004
Lims ID: LCS
Client ID:
Operator ID: al109694 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

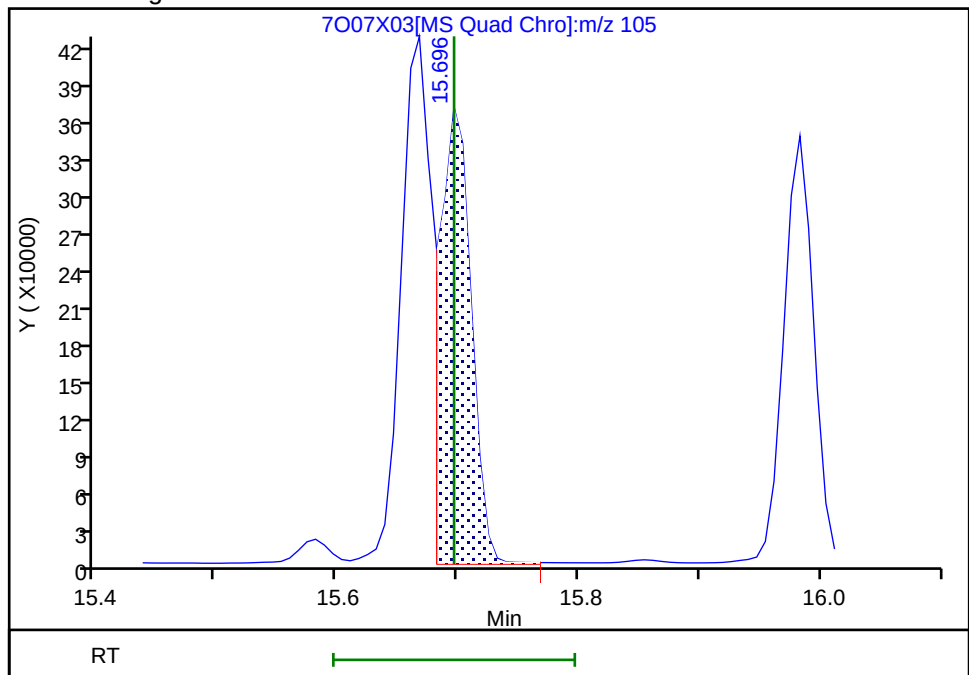
Not Detected
Expected RT: 15.70

Processing Integration Results



Manual Integration Results

RT: 15.70
Area: 627139
Amount: 5.522608
Amount Units: ppb v/v



Reviewer: JXC9, 07-Oct-2025 16:31:04 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

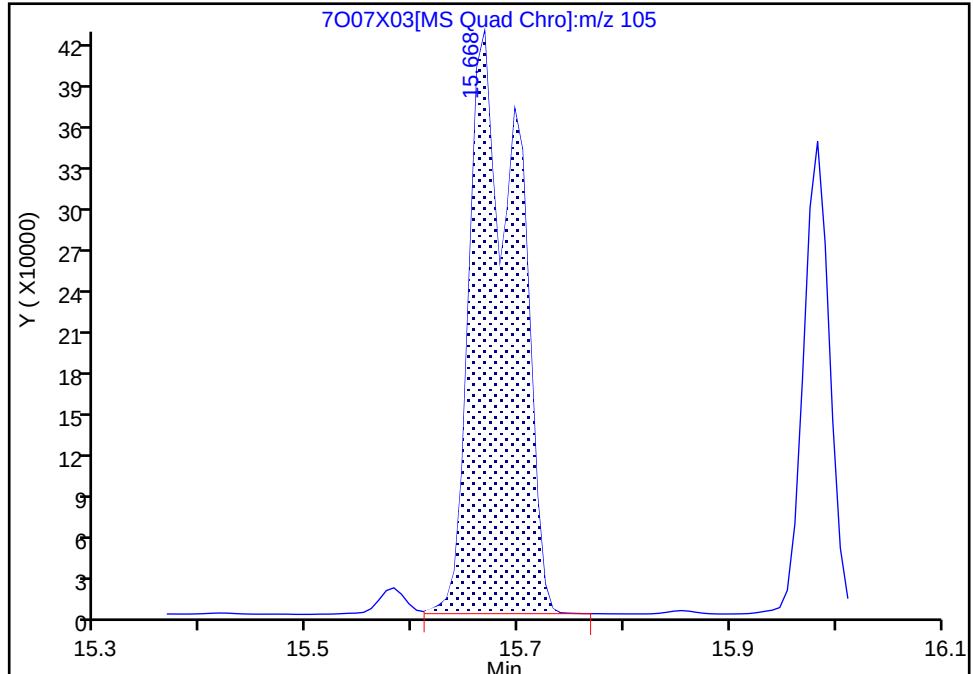
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X03.D
Injection Date: 07-Oct-2025 14:35:54 Instrument ID: HP8R004
Lims ID: LCS
Client ID:
Operator ID: al109694 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

80 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

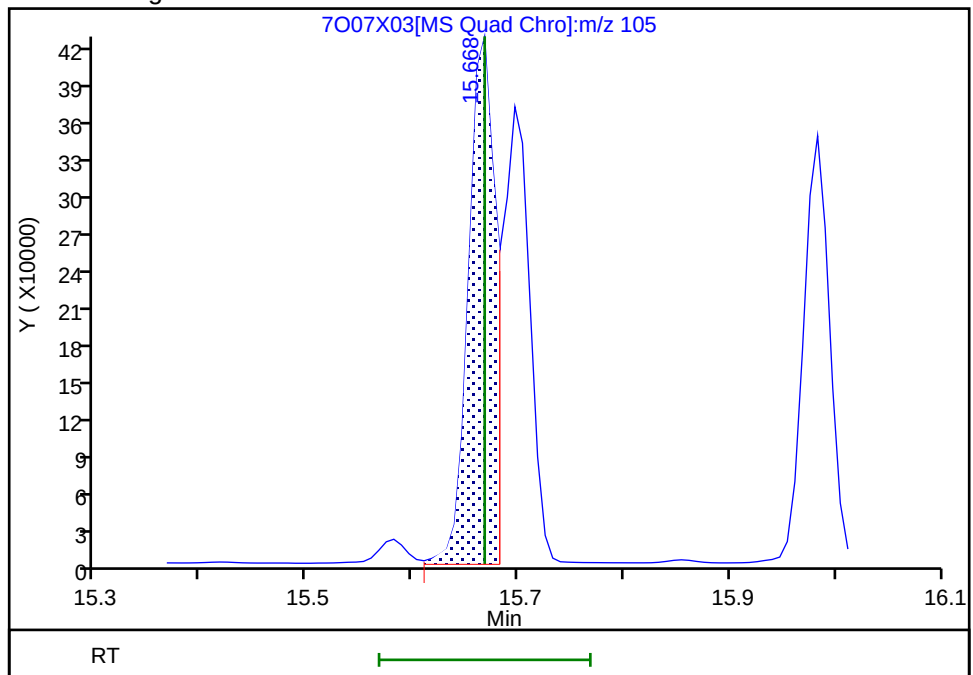
RT: 15.67
Area: 1354260
Amount: 9.546979
Amount Units: ppb v/v

Processing Integration Results



RT: 15.67
Area: 727121
Amount: 5.125905
Amount Units: ppb v/v

Manual Integration Results



Reviewer: JXC9, 07-Oct-2025 16:30:55 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC	Job No.: 460-336014-1
SDG No.:	
Client Sample ID:	Lab Sample ID: LCS 410-710205/5
Matrix: Air	Lab File ID: 7007X04.D
Analysis Method: TO 15 LL	Date Collected:
Sample wt/vol: 200 (mL)	Date Analyzed: 10/07/2025 15:06
Soil Aliquot Vol:	Dilution Factor: 1
Soil Extract Vol.:	GC Column: Rtx-VMS 60m ID: 0.25 (mm)
Purge Volume:	Heated Purge: (Y/N) pH:
% Moisture: % Solids:	Level: (low/med) Low
Analysis Batch No.: 710205	Units: ug/m3
Preparation Batch No.:	Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
106-97-8	n-Butane	58.12	9.97		1.2	0.48

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X04.D
 Lims ID: LCS Butane
 Client ID:
 Sample Type: LCS
 Inject. Date: 07-Oct-2025 15:06:01 ALS Bottle#: 5 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: LCS Butane
 Misc. Info.: 410-0162271-005
 Operator ID: al109694 Instrument ID: HP8R004
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 07-Oct-2025 18:27:42 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1660

First Level Reviewer: JXC9

Date: 07-Oct-2025 16:42:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
124 Butane	43	4.021	4.021	0.015	36	227801	5.00	4.19	
* 35 Chlorobromomethane (IS)	130	9.622	9.615	0.007	94	353736	10.0	10.0	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.539	10.539	0.000	0	518950	NC	NC	
* 50 1,4-Difluorobenzene	114	11.220	11.220	0.000	95	1319558	10.0	10.0	
\$ 103 Toluene-d8 (Surr)	98	13.053	13.053	0.000	94	1409824	NC	NC	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	87	1214397	10.0	10.0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

AIRLCS10.0_00572

Amount Added: 100.00

Units: mL

AIRIS200 ppb_00532

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 07-Oct-2025 18:28:30

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X04.D

Injection Date: 07-Oct-2025 15:06:01

Instrument ID: HP8R004

Lims ID: LCS Butane

Client ID:

Operator ID: al109694

ALS Bottle#:

5

Worklist Smp#:

5

Purge Vol: 200.000 mL

Dil. Factor:

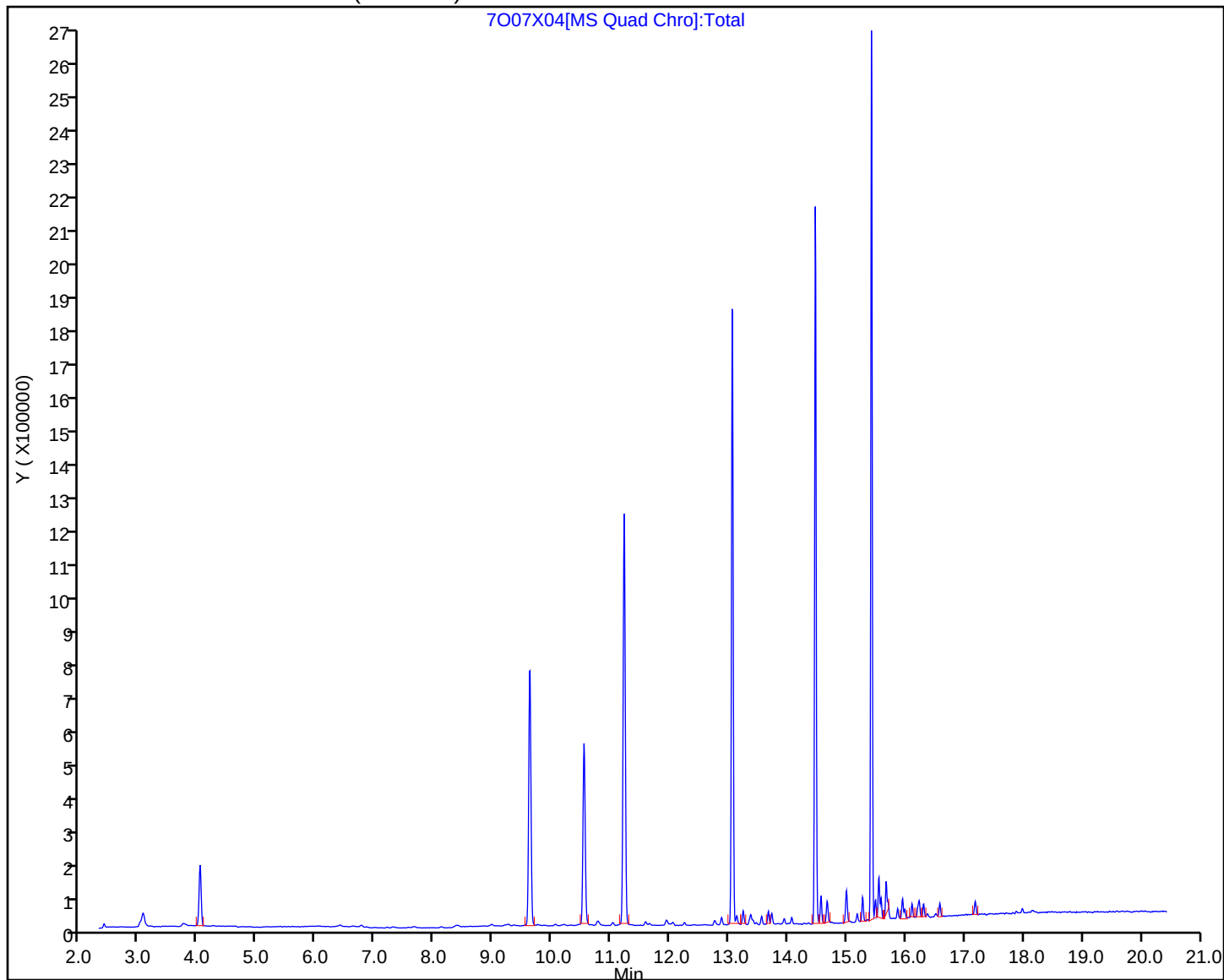
1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 410-245119-A-1 DU

Matrix: Air Lab File ID: 7005X08.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/05/2025 19:12

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709300 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.38
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.45
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
123-91-1	1,4-Dioxane	88.11	18	U	18	0.17
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.5
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.1	U	2.1	0.53
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.1	U	2.1	0.62
67-64-1	Acetone	58.08	8.54	J	12	3.8
71-43-2	Benzene	78.11	0.866		0.64	0.14
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.88	U	0.88	0.22
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.41

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 410-245119-A-1 DU

Matrix: Air Lab File ID: 7005X08.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/05/2025 19:12

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709300 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.418		0.22	0.14
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
75-45-6	Chlorodifluoromethane	86.47	0.869	J	1.8	0.42
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.48
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
74-87-3	Chloromethane	50.49	0.865	J	1.0	0.31
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
110-82-7	Cyclohexane	84.16	0.453	J	0.69	0.11
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.13
75-71-8	Dichlorodifluoromethane	120.91	2.04	J	2.5	0.54
100-41-4	Ethylbenzene	106.17	0.482	J	0.87	0.23
76-13-1	1,1,2-Trichlorotrifluoro ethane	187.38	1.5	U	1.5	0.41
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
110-54-3	n-Hexane	86.17	0.409	J	1.8	0.39
540-84-1	2,2,4-Trimethylpentane	114.23	0.535	J	0.93	0.18
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
67-63-0	Isopropyl alcohol	60.10	15.3		12	3.9
179601-23-1	m,p-Xylene	106.17	0.760	J	2.2	0.41
80-62-6	Methyl methacrylate	100.12	2.1	U	2.1	0.57
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
91-20-3	Naphthalene	128.17	2.0	U	2.0	1.6
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 410-245119-A-1 DU

Matrix: Air Lab File ID: 7005X08.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/05/2025 19:12

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709300 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
108-88-3	Toluene	92.14	1.26		0.75	0.16
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.13
75-69-4	Trichlorofluoromethane	137.37	1.17		1.1	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
103-65-1	N-Propylbenzene	120.19	0.98	U	0.98	0.23
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.34
106-97-8	n-Butane	58.12	3.55		1.2	0.48

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X08.D
 Lims ID: 410-245119-A-1 DU
 Client ID:
 Sample Type: DU
 Inject. Date: 05-Oct-2025 19:12:26 ALS Bottle#: 6 Worklist Smp#: 9
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 410-245119-A-1 DU
 Misc. Info.: 410-0162026-009
 Operator ID: AL109694 Instrument ID: HP8R004
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 06-Oct-2025 09:06:03 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1612

First Level Reviewer: D7UM

Date: 06-Oct-2025 08:57:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.333	3.311	0.022	73	21650		NC	
2 Dichlorodifluoromethane	85	3.398	3.376	0.022	87	33639		0.4133	
3 Chlorodifluoromethane	51	3.433	3.411	0.022	38	11322		0.2457	
5 Chloromethane	50	3.792	3.770	0.022	83	12209		0.4189	
124 Butane	43	4.021	4.021	0.015	37	81702		1.49	M
12 Trichlorofluoromethane	101	5.425	5.410	0.015	69	15447		0.2083	
11 Pentane	43	5.597	5.582	0.008	95	71854		NC	
14 Ethanol	45	5.661	5.647	0.000	92	210349		NC	M
19 Acrolein	56	6.170	6.148	0.022	84	21898		NC	
23 Acetone	43	6.385	6.377	0.008	98	190247		3.59	
20 Isopropyl alcohol	45	6.599	6.592	0.007	98	243618		6.22	
28 Acetonitrile	41	6.850	6.828	0.022	52	6561		NC	
22 Methylene Chloride	84	7.201	7.194	0.007	72	4478		0.1595	
25 Hexane	56	8.111	8.110	0.001	82	3195		0.1161	
29 Isopropyl ether	45	8.412	8.397	0.015	23	1254		NC	
32 Tert-butyl ethyl ether	59	8.942	8.970	-0.028	25	710		NC	
43 2-Butanone (MEK)	72	9.193	9.185	0.008	89	4025		0.2674	
38 Ethyl acetate	70	9.257	9.249	0.008	77	730		NC	
* 35 Chlorobromomethane (IS)	130	9.615	9.615	0.000	92	356286	10.0	10.0	
36 Cyclohexane	56	10.203	10.195	0.008	64	6689		0.1315	
40 Carbon tetrachloride	117	10.310	10.310	0.000	62	3952		0.0664	7M
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.539	10.539	0.000	0	542547	NC	NC	
46 Benzene	78	10.597	10.589	0.000	60	28533		0.2710	
44 Isooctane	57	10.776	10.782	-0.006	93	18465		0.1146	
* 50 1,4-Difluorobenzene	114	11.220	11.219	0.001	96	1302165	10.0	10.0	
52 Ethyl acrylate	55	11.649	11.642	0.007	14	556		NC	
51 Dibromomethane	174	12.043	12.043	-0.007	47	642		NC	
\$ 103 Toluene-d8 (Surr)	98	13.053	13.060	-0.007	95	1396590	NC	NC	
59 Toluene	91	13.132	13.132	0.000	71	41456		0.3336	
58 n-Octane	43	13.240	13.239	0.001	63	5111		NC	
63 Ethyl methacrylate	69	13.397	13.368	0.029	1	1041		NC	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
67 2-Hexanone	43	13.720	13.726	-0.006	67	7283		0.0962	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.471	-0.006	89	1207058	10.0	10.0	
70 Ethylbenzene	91	14.558	14.564	-0.006	93	16640		0.1109	
72 m-Xylene & p-Xylene	91	14.665	14.672	-0.007	95	19483		0.1750	
93 Hexachloroethane	117	16.893	16.821	0.072	1	1166		NC	
S 101 Xylenes, Total	91				0	19483		0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

AIRIS200 ppb_00532

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 06-Oct-2025 09:06:41

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X08.D

Injection Date: 05-Oct-2025 19:12:26

Instrument ID: HP8R004

Lims ID: 410-245119-A-1 DU

Client ID:

Operator ID: AL109694

ALS Bottle#: 6

Worklist Smp#: 9

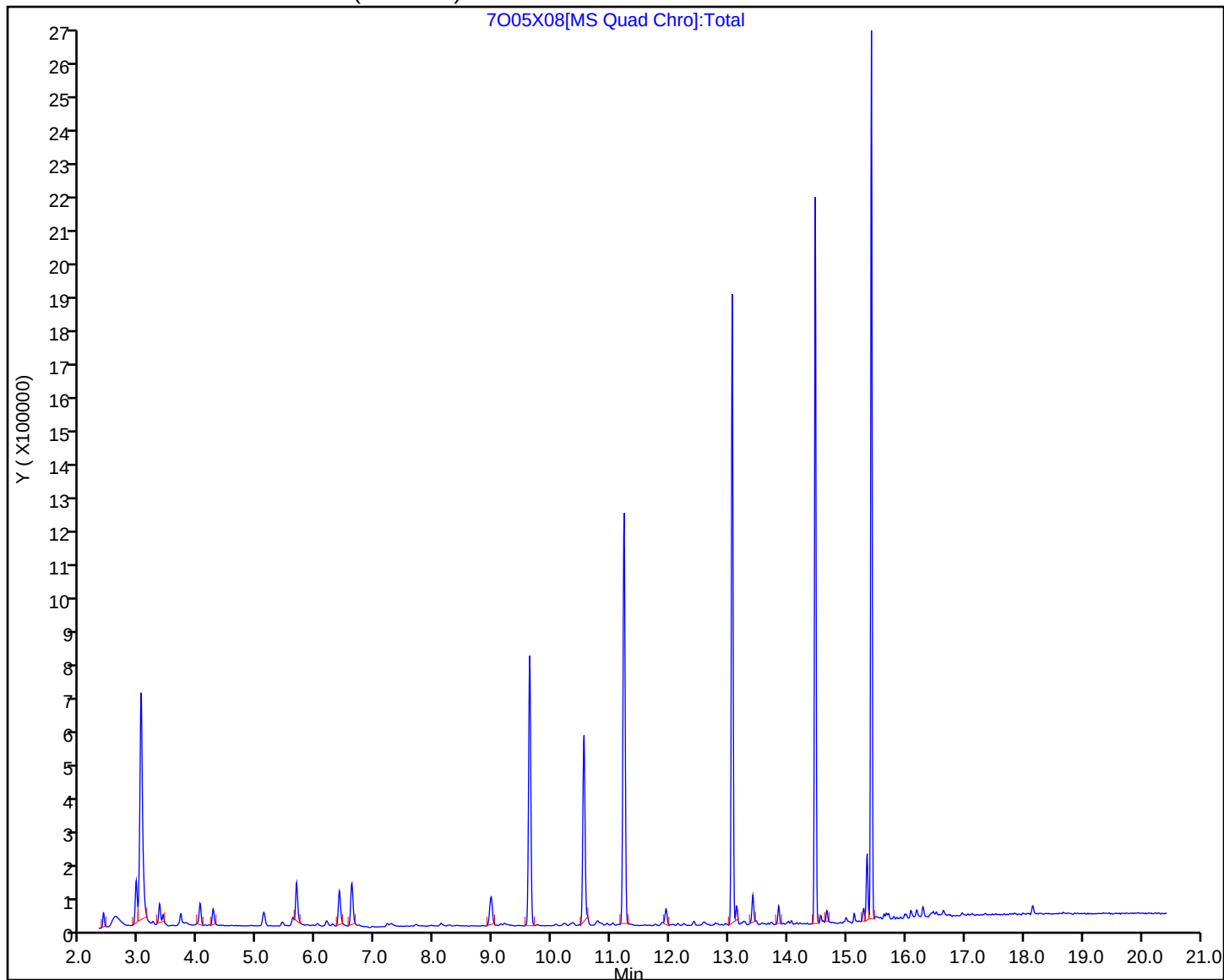
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

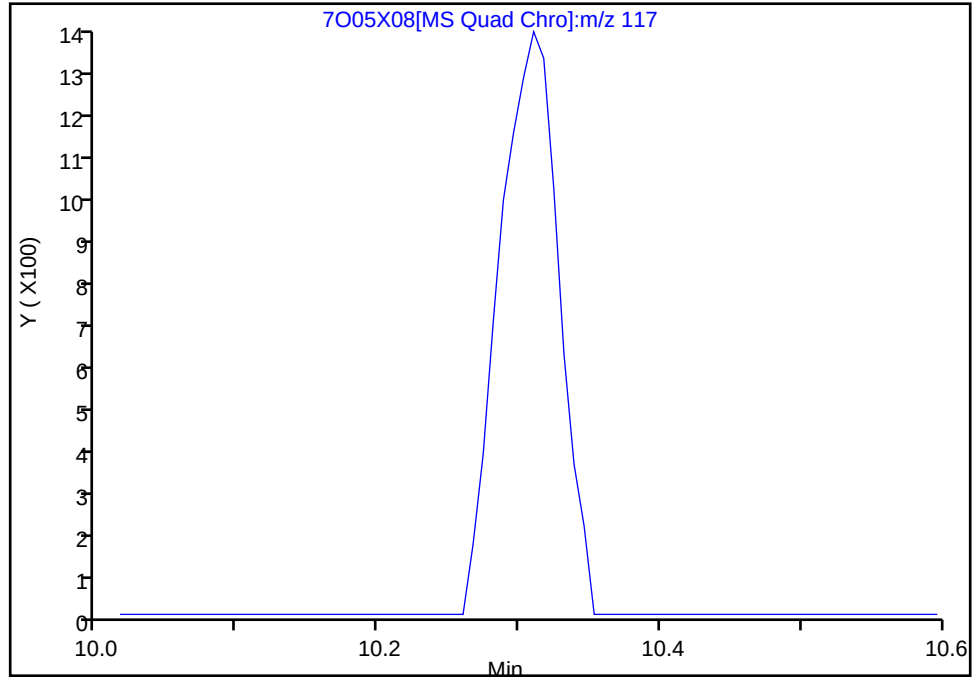
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X08.D
Injection Date: 05-Oct-2025 19:12:26 Instrument ID: HP8R004
Lims ID: 410-245119-A-1 DU
Client ID:
Operator ID: AL109694 ALS Bottle#: 6 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

40 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

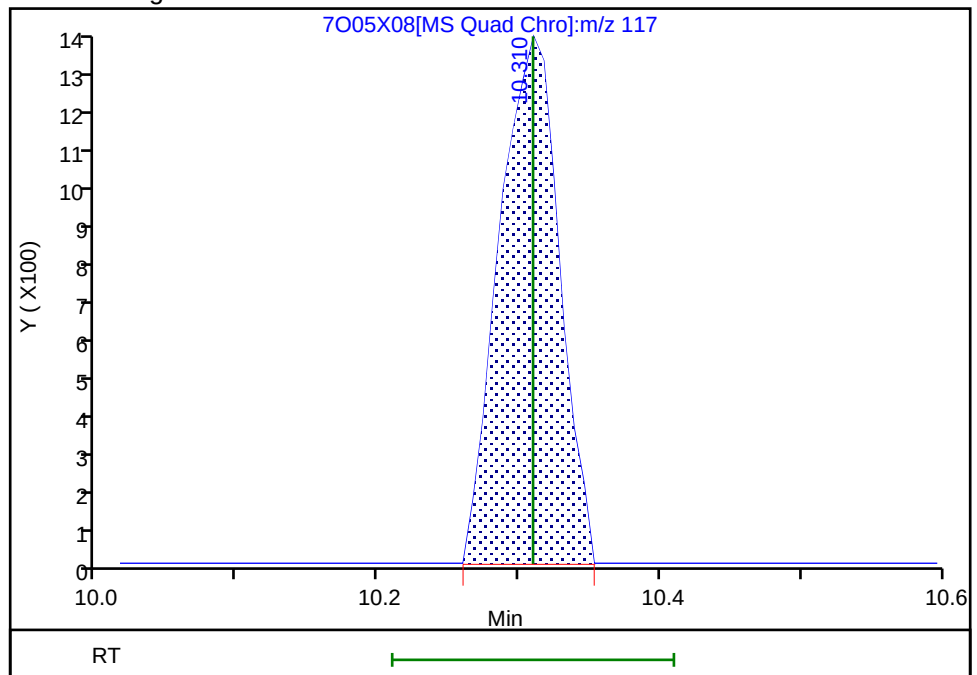
Not Detected
Expected RT: 10.31

Processing Integration Results



Manual Integration Results

RT: 10.31
Area: 3952
Amount: 0.066375
Amount Units: ppb v/v



Reviewer: D7UM, 06-Oct-2025 08:58:16 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X08.D

Injection Date: 05-Oct-2025 19:12:26

Instrument ID: HP8R004

Lims ID: 410-245119-A-1 DU

Client ID:

Operator ID: AL109694

ALS Bottle#:

6

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

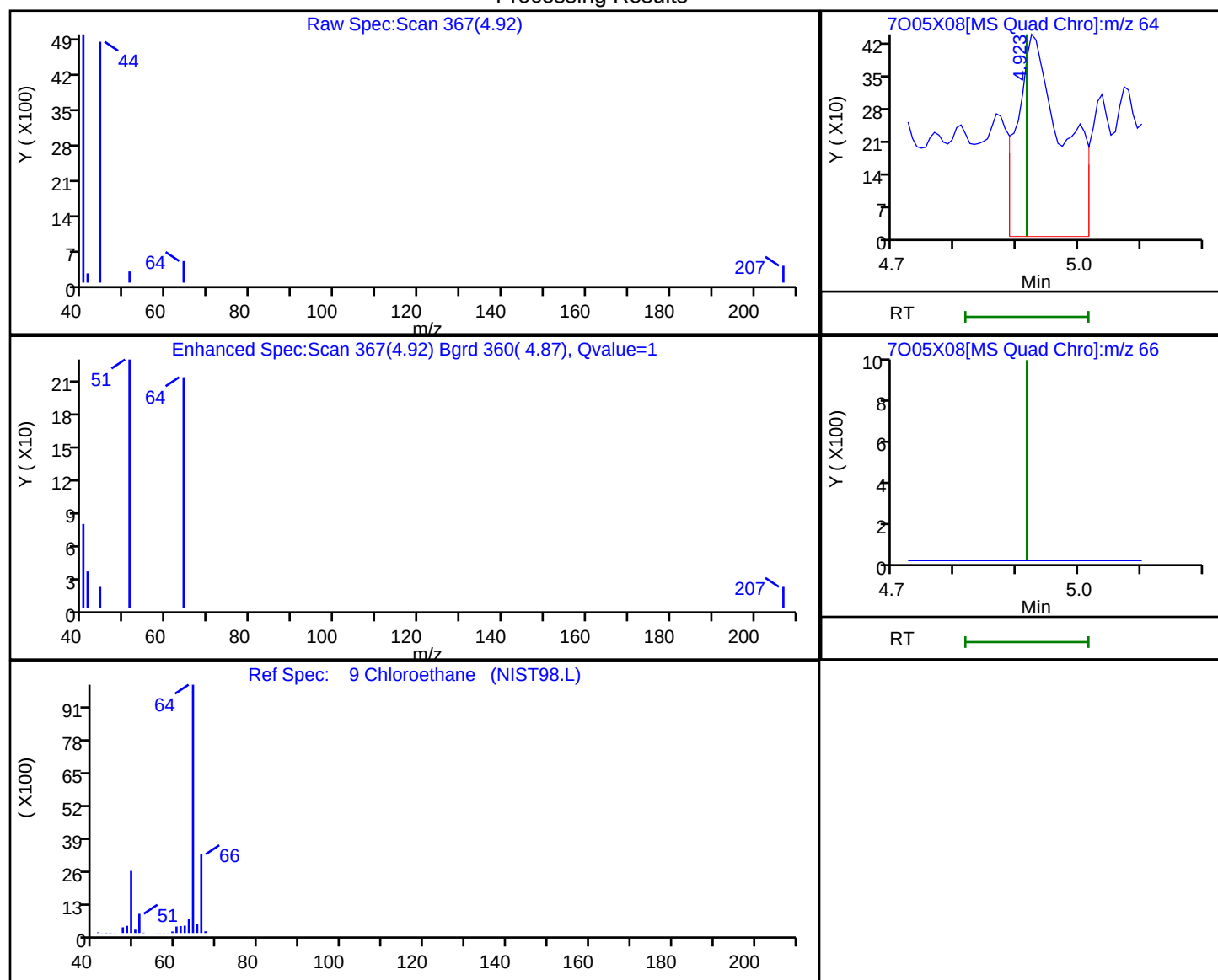
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

9 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
4.92	64.00	2119	0.118236
4.92	66.00	0	

Reviewer: D7UM, 06-Oct-2025 08:59:31 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X08.D

Injection Date: 05-Oct-2025 19:12:26

Instrument ID: HP8R004

Lims ID: 410-245119-A-1 DU

Client ID:

Operator ID: AL109694

ALS Bottle#:

6

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

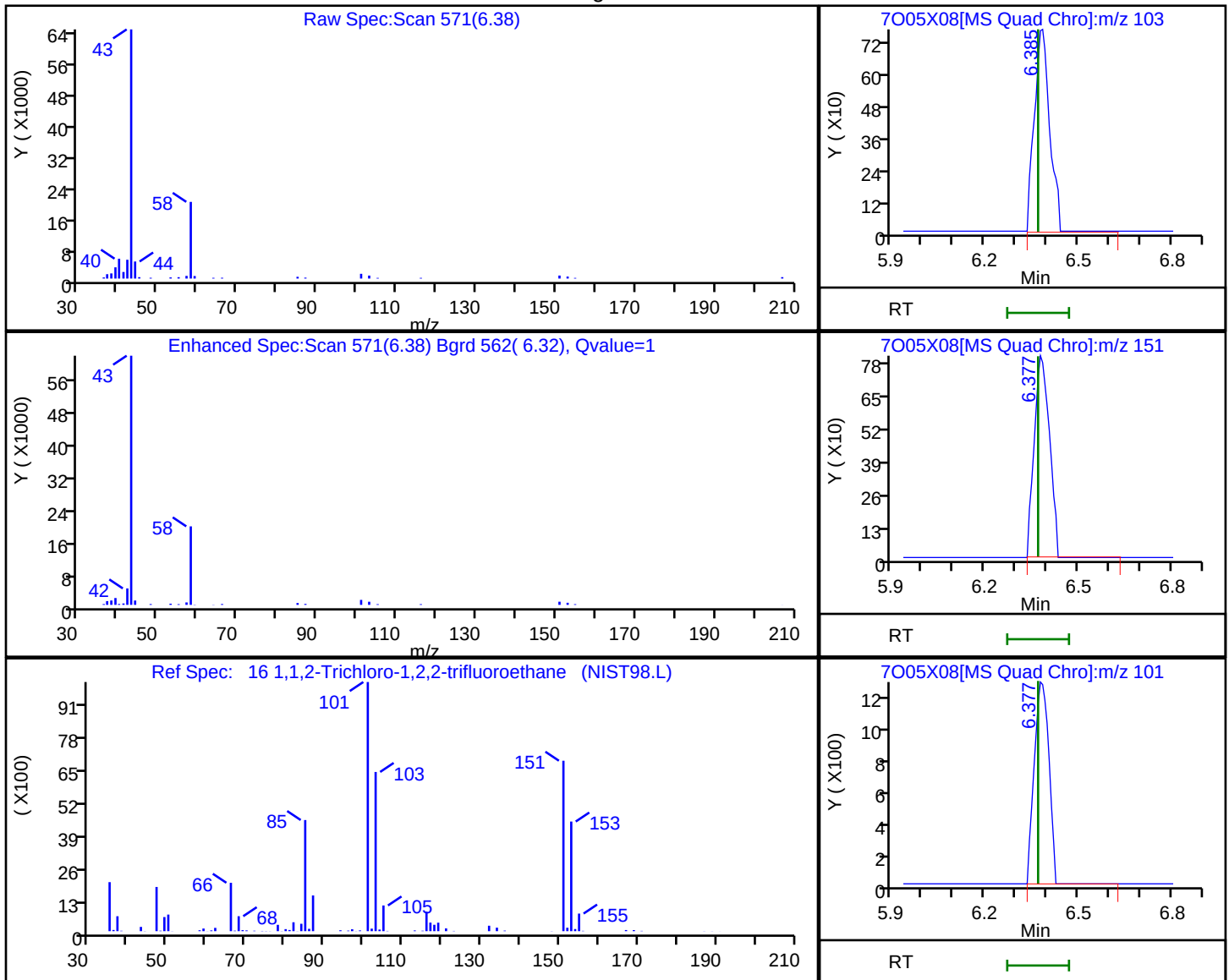
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
6.38	103.00	2631	0.071155
6.38	151.00	2749	
6.38	101.00	4081	

Reviewer: D7UM, 06-Oct-2025 08:58:53 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X08.D

Injection Date: 05-Oct-2025 19:12:26

Instrument ID: HP8R004

Lims ID: 410-245119-A-1 DU

Client ID:

Operator ID: AL109694

ALS Bottle#: 6

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

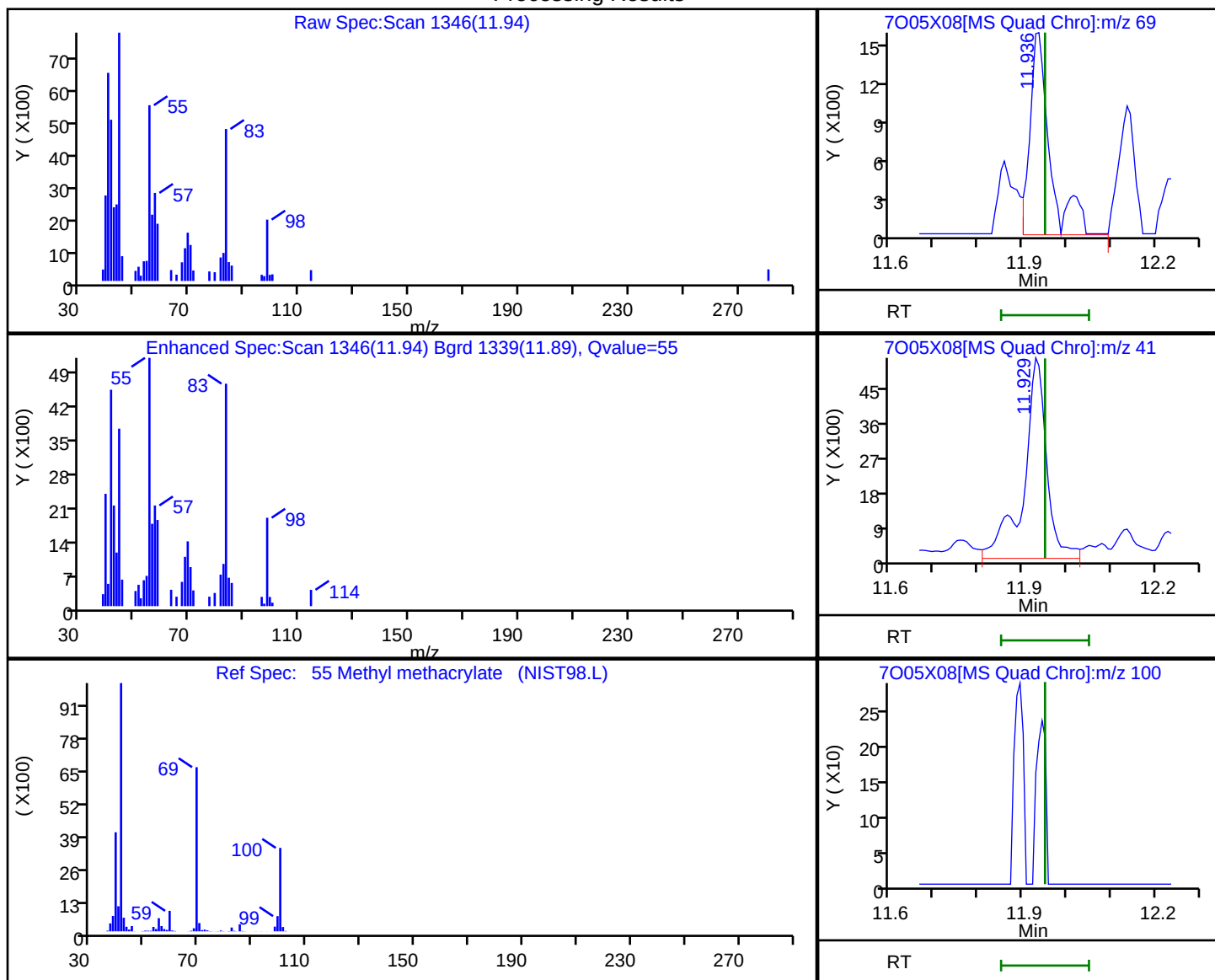
Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

55 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
11.94	69.00	4635	0.139380
11.93	41.00	19064	
11.95	100.00	0	

Reviewer: D7UM, 06-Oct-2025 08:58:02 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X08.D

Injection Date: 05-Oct-2025 19:12:26

Instrument ID: HP8R004

Lims ID: 410-245119-A-1 DU

Client ID:

Operator ID: AL109694

ALS Bottle#: 6

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

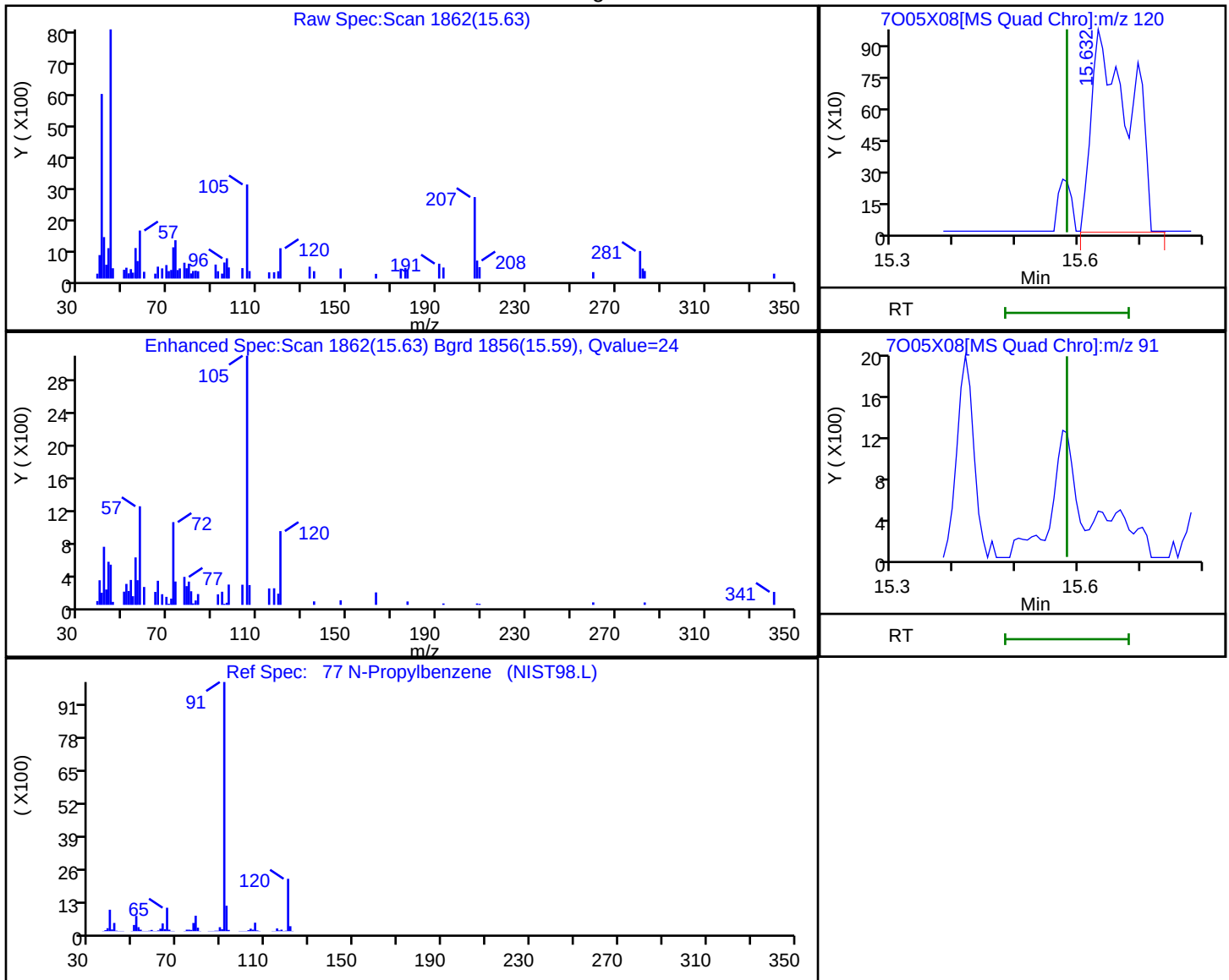
Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

77 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
15.63	120.00	4141	0.110049
15.58	91.00	0	

Reviewer: D7UM, 06-Oct-2025 08:57:49 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

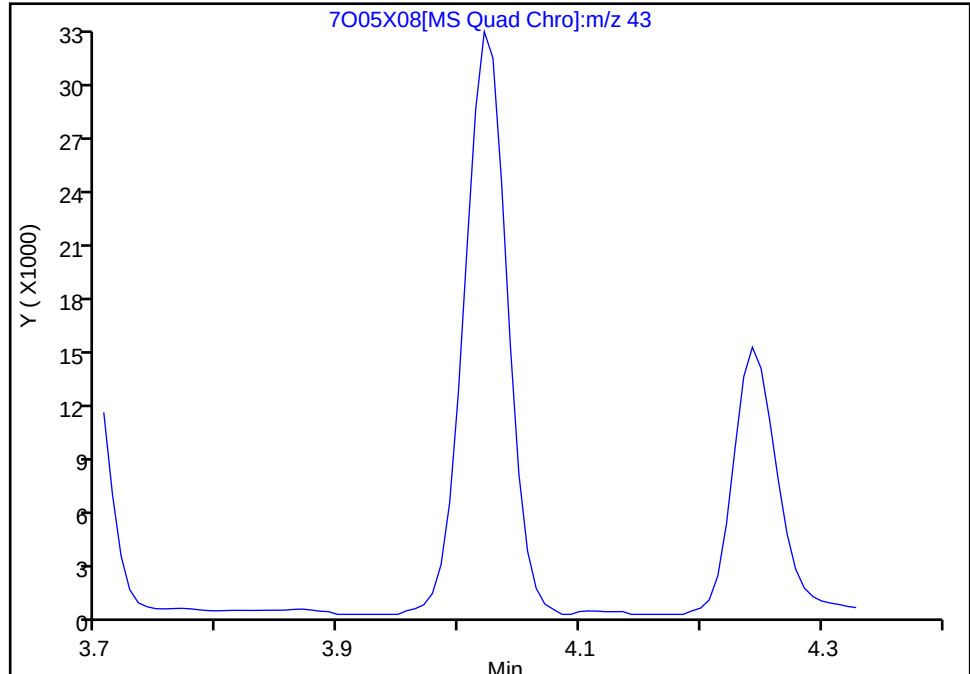
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251005-162026.b\7O05X08.D
Injection Date: 05-Oct-2025 19:12:26 Instrument ID: HP8R004
Lims ID: 410-245119-A-1 DU
Client ID:
Operator ID: AL109694 ALS Bottle#: 6 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

124 Butane, CAS: 106-97-8

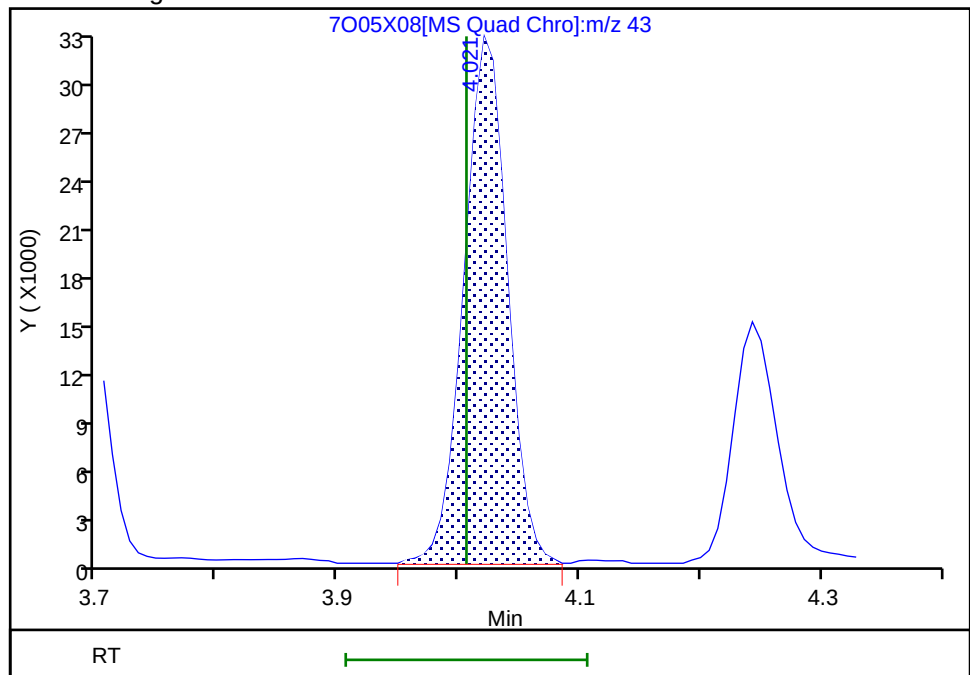
Signal: 1

Not Detected
Expected RT: 4.01

Processing Integration Results



Manual Integration Results



RT: 4.02
Area: 81702
Amount: 1.493516
Amount Units: ppb v/v

Reviewer: D7UM, 06-Oct-2025 08:59:47 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 460-336011-A-7 DU

Matrix: Air Lab File ID: 7006X31.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 08:16

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	133.41	0.824	J	1.1	0.24
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.38
95-63-6	1,2,4-Trimethylbenzene	120.20	19.3		0.98	0.39
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
108-67-8	1,3,5-Trimethylbenzene	120.20	5.30		0.98	0.23
106-99-0	1,3-Butadiene	54.09	0.198	J	0.44	0.086
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.45
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
123-91-1	1,4-Dioxane	88.11	7.24	J	18	0.17
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	7.39		1.5	1.5
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	7.34		2.1	0.53
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	9.28		2.1	0.62
67-64-1	Acetone	58.08	90.4		12	3.8
71-43-2	Benzene	78.11	2.03		0.64	0.14
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.88	U	0.88	0.22
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-15-0	Carbon disulfide	76.14	7.12		1.6	0.41

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 460-336011-A-7 DU

Matrix: Air Lab File ID: 7006X31.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 08:16

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	2.20		0.22	0.14
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
75-45-6	Chlorodifluoromethane	86.47	1.8	U	1.8	0.42
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.48
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
67-66-3	Chloroform	119.38	6.03		0.98	0.20
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.31
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
110-82-7	Cyclohexane	84.16	4.56		0.69	0.11
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.13
75-71-8	Dichlorodifluoromethane	120.91	2.89		2.5	0.54
100-41-4	Ethylbenzene	106.17	8.04		0.87	0.23
76-13-1	1,1,2-Trichlorotrifluoro ethane	187.38	1.5	U	1.5	0.41
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
142-82-5	n-Heptane	100.21	5.91		0.82	0.23
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
110-54-3	n-Hexane	86.17	3.87		1.8	0.39
540-84-1	2,2,4-Trimethylpentane	114.23	4.53		0.93	0.18
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
67-63-0	Isopropyl alcohol	60.10	9.54	J	12	3.9
179601-23-1	m,p-Xylene	106.17	34.4		2.2	0.41
80-62-6	Methyl methacrylate	100.12	2.1	U	2.1	0.57
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
91-20-3	Naphthalene	128.17	2.71		2.0	1.6
95-47-6	o-Xylene	106.17	15.1		0.87	0.23
100-42-5	Styrene	104.15	15.5		0.85	0.25
75-65-0	tert-Butyl alcohol	74.12	30.7		15	3.6
127-18-4	Tetrachloroethene	165.83	30.8		1.4	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 460-336011-A-7 DU

Matrix: Air Lab File ID: 7006X31.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 08:16

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 709592 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
108-88-3	Toluene	92.14	89.4		0.75	0.16
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.13
75-69-4	Trichlorofluoromethane	137.37	2.35		1.1	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
103-65-1	N-Propylbenzene	120.19	0.98	U	0.98	0.23
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.34
106-97-8	n-Butane	58.12	6.67		1.2	0.48

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X31.D

Lims ID: 460-336011-A-7 DU

Client ID:

Sample Type: DU

Inject. Date: 07-Oct-2025 08:16:31

ALS Bottle#:

8

Worklist Smp#:

29

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Sample Info: 460-336011-A-7 DU

Misc. Info.: 410-0162112-029

Operator ID: sn105465

Instrument ID:

HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\TO15LLMethods_HP8R004.m

Limit Group: MSV - TO15_LL_NY

Last Update: 07-Oct-2025 15:32:03

Calib Date:

08-Sep-2025 02:41:13

Integrator: Falcon

ID Type:

RT Order ID

Quant Method: Internal Standard

Quant By:

Initial Calibration

Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm)

Det: MS Quad

Process Host: CTX1718

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.312	3.312	0.000	17	104526		NC	
2 Dichlorodifluoromethane	85	3.376	3.376	0.000	56	46475		0.5850	
T 107 Methyl Acetate TIC	43	3.677	3.717	-0.040	55	192576		5.54	
5 Chloromethane	50	3.777	3.770	0.007	39	3910		0.1374	
124 Butane	43	4.006	4.006	0.000	37	149879		2.81	M
7 Butadiene	54	4.092	4.100	-0.008	57	2005		0.0893	
12 Trichlorofluoromethane	101	5.403	5.410	-0.007	82	30249		0.4180	
11 Pentane	43	5.582	5.589	-0.007	96	239530		NC	
14 Ethanol	45	5.647	5.661	-0.014	97	464067		NC	M
19 Acrolein	56	6.163	6.155	0.008	60	8825		NC	
23 Acetone	43	6.370	6.377	-0.007	100	1965980		38.0	
20 Isopropyl alcohol	45	6.592	6.592	0.000	99	148493		3.88	
17 Carbon disulfide	76	6.757	6.757	0.000	99	236920		2.29	
28 Acetonitrile	41	6.836	6.836	0.000	75	7194		NC	
22 Methylene Chloride	84	7.194	7.194	0.000	62	3874		0.1414	
27 2-Methyl-2-propanol	59	7.294	7.294	0.000	97	321191		10.1	
25 Hexane	56	8.111	8.118	-0.007	92	29458		1.10	
29 Isopropyl ether	45	8.376	8.397	-0.021	22	1723		NC	
32 Tert-butyl ethyl ether	59	8.956	8.970	-0.014	8	1756		NC	
43 2-Butanone (MEK)	72	9.178	9.178	0.000	98	36832		2.51	
38 Ethyl acetate	70	9.257	9.250	0.007	1	1060		NC	
39 Methyl acrylate	55	9.307	9.329	-0.022	1	2269		NC	
* 35 Chlorobromomethane (IS)	130	9.615	9.615	0.000	95	347729	10.0	10.0	
37 Chloroform	83	9.758	9.758	0.000	94	87832		1.23	
42 1,1,1-Trichloroethane	97	10.052	10.052	0.000	9	9482		0.1510	
36 Cyclohexane	56	10.217	10.188	0.029	74	65674		1.32	
40 Carbon tetrachloride	117	10.303	10.310	-0.007	71	20335		0.3499	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.539	10.539	0.000	0	528297	NC	NC	
46 Benzene	78	10.597	10.597	0.000	61	70299		0.6361	
44 Isooctane	57	10.776	10.783	-0.007	95	163863		0.9688	
45 n-Heptane	71	11.026	11.026	0.000	96	48202		1.44	
* 50 1,4-Difluorobenzene	114	11.220	11.220	0.000	95	1366939	10.0	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
52 Ethyl acrylate	55	11.685	11.635	0.050	1	3007		NC	
56 1,4-Dioxane	88	11.993	12.000	-0.007	39	30000		2.01	
51 Dibromomethane	174	12.051	12.043	0.008	10	513		NC	
60 4-Methyl-2-pentanone (MIBK)	43	12.867	12.867	0.000	94	152540		1.79	
\$ 103 Toluene-d8 (Surr)	98	13.053	13.053	0.000	94	1458582	NC	NC	
59 Toluene	91	13.132	13.132	0.000	97	3058935		23.7	
58 n-Octane	43	13.240	13.240	0.000	80	96524		NC	
63 Ethyl methacrylate	69	13.397	13.369	0.028	27	85512		NC	
61 Tetrachloroethene	166	13.669	13.669	0.000	95	252246		4.54	
67 2-Hexanone	43	13.720	13.720	0.000	81	177858		2.26	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.465	0.000	88	1252556	10.0	10.0	
T 122 Methyl methacrylate TIC	69	14.450	14.538	-0.081	40	204256		1.63	
70 Ethylbenzene	91	14.558	14.558	0.000	87	288139		1.85	
72 m-Xylene & p-Xylene	91	14.665	14.665	0.000	95	914754		7.92	
73 o-Xylene	91	14.988	14.988	0.000	91	399987		3.48	M
74 Styrene	104	15.002	15.002	0.000	87	303527		3.64	
83 1,2,3-Trichloropropane	110	15.582	15.539	0.043	33	109743		NC	
78 Bromobenzene	156	15.518	15.546	-0.028	1	1164		NC	
82 1,3,5-Trimethylbenzene	105	15.697	15.697	0.000	45	124083		1.08	Ma
84 Alpha Methyl Styrene	118	15.861	15.861	0.000	34	2951		NC	
86 1,2,4-Trimethylbenzene	105	15.983	15.983	0.000	79	477877		3.93	
93 Hexachloroethane	117	16.850	16.814	0.036	1	14505		NC	
98 Naphthalene	128	18.161	18.154	0.007	90	61754		0.5163	
S 101 Xylenes, Total	91				0	1314741		0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

AIRIS200 ppb_00532

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 07-Oct-2025 15:32:05

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X31.D

Injection Date: 07-Oct-2025 08:16:31

Instrument ID: HP8R004

Lims ID: 460-336011-A-7 DU

Client ID:

Operator ID: sn105465

ALS Bottle#: 8

Worklist Smp#: 29

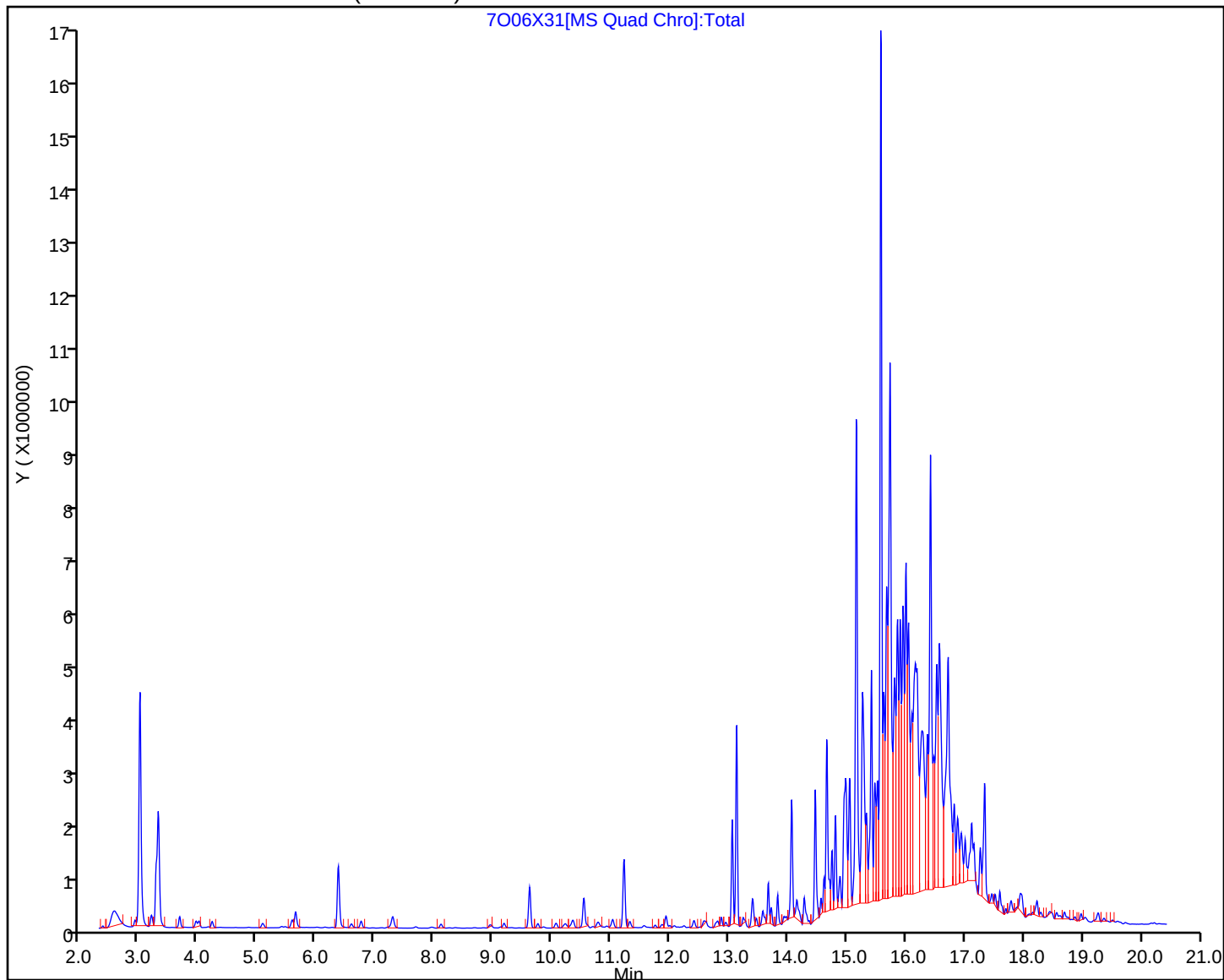
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X31.D

Injection Date: 07-Oct-2025 08:16:31

Instrument ID: HP8R004

Lims ID: 460-336011-A-7 DU

Client ID:

Operator ID: sn105465

ALS Bottle#:

8

Worklist Smp#: 29

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

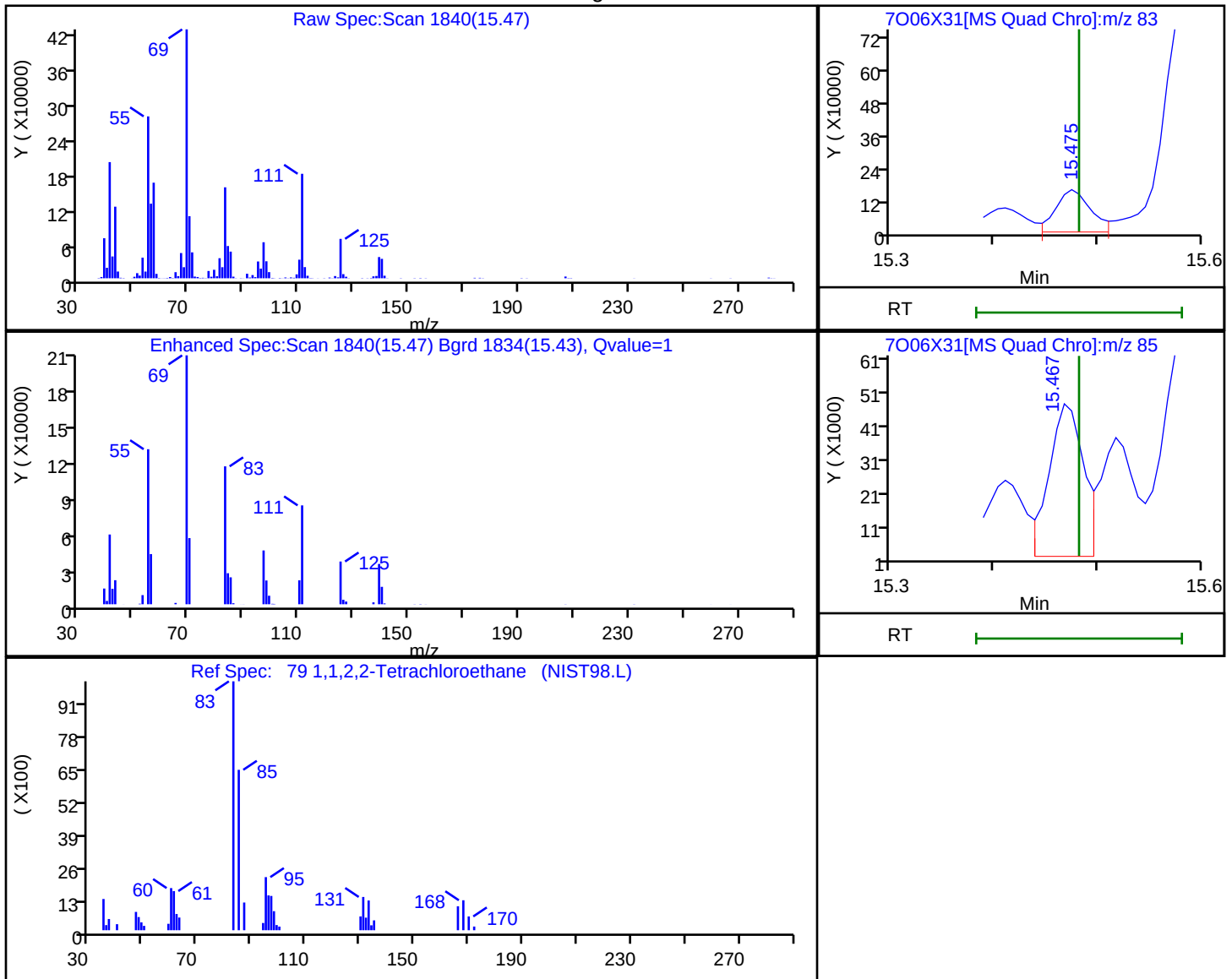
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

79 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
15.47	83.00	342170	3.465393
15.47	85.00	104610	

Reviewer: D7UM, 07-Oct-2025 09:25:56 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X31.D

Injection Date: 07-Oct-2025 08:16:31

Instrument ID: HP8R004

Lims ID: 460-336011-A-7 DU

Client ID:

Operator ID: sn105465

ALS Bottle#:

8

Worklist Smp#: 29

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

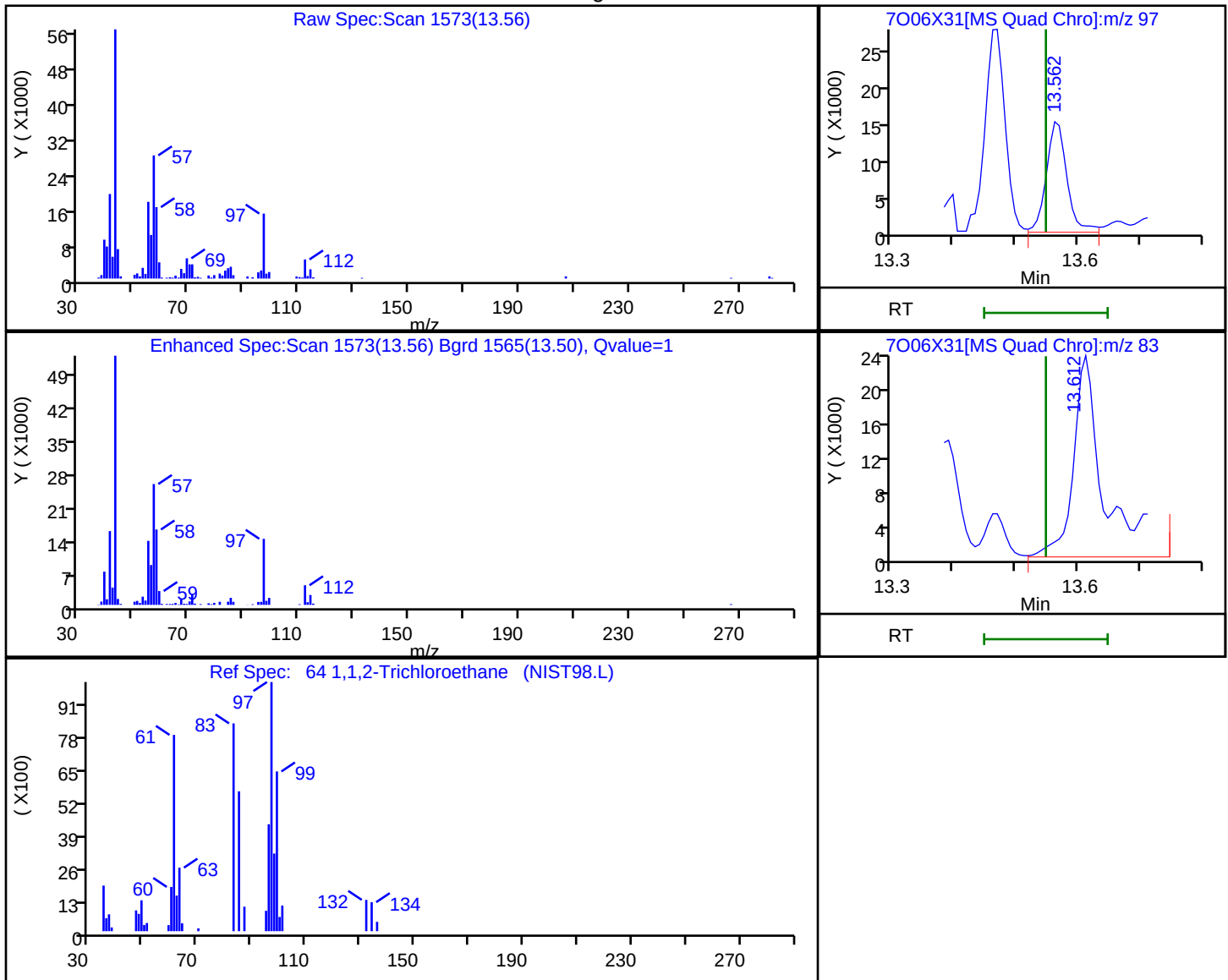
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

64 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
13.56	97.00	33308	0.769139
13.61	83.00	82128	

Reviewer: D7UM, 07-Oct-2025 09:25:38 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X31.D

Injection Date: 07-Oct-2025 08:16:31

Instrument ID: HP8R004

Lims ID: 460-336011-A-7 DU

Client ID:

Operator ID: sn105465

ALS Bottle#:

8

Worklist Smp#: 29

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

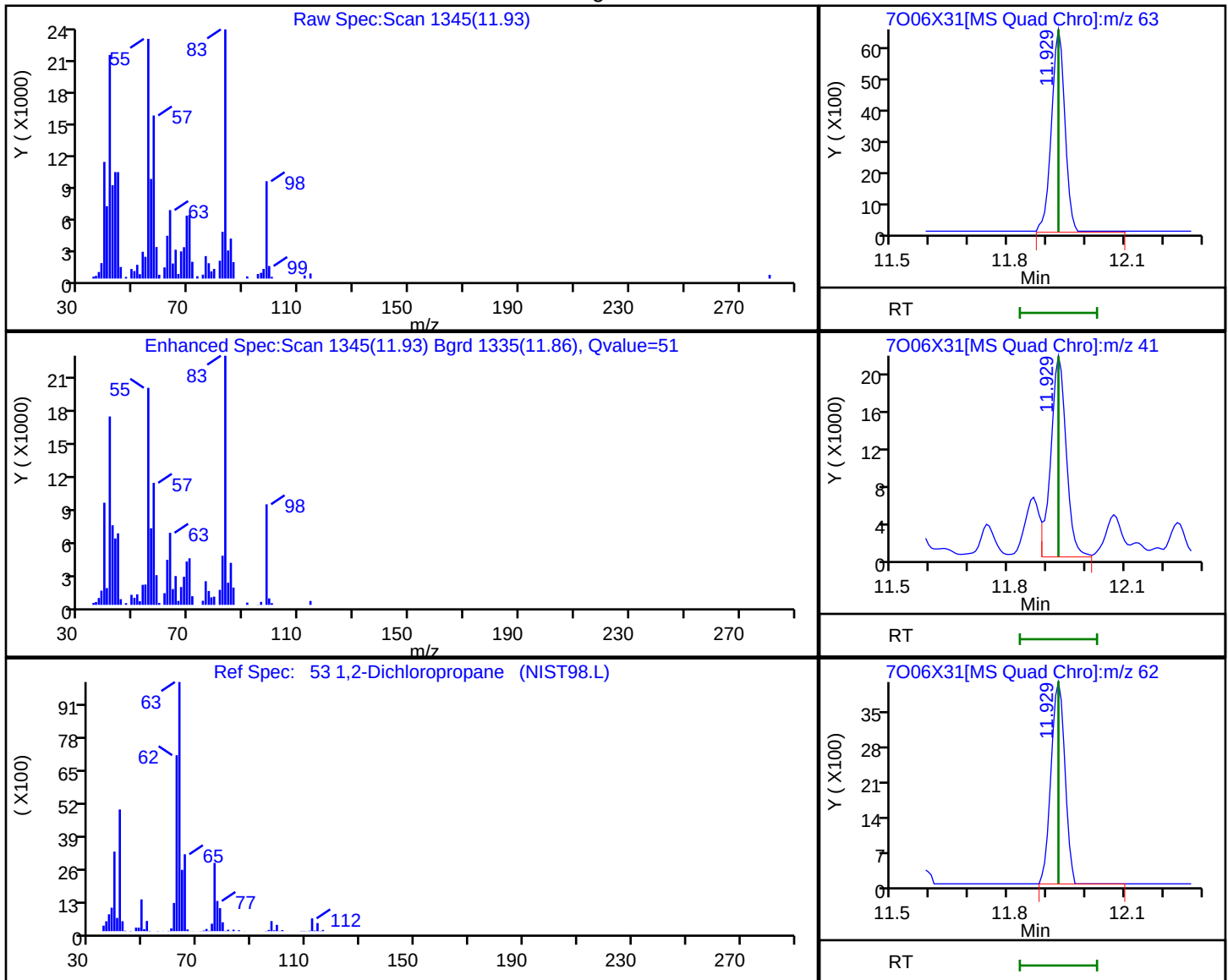
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

53 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
11.93	63.00	15575	0.338618
11.93	41.00	57446	
11.93	62.00	10176	

Reviewer: D7UM, 07-Oct-2025 09:25:29 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

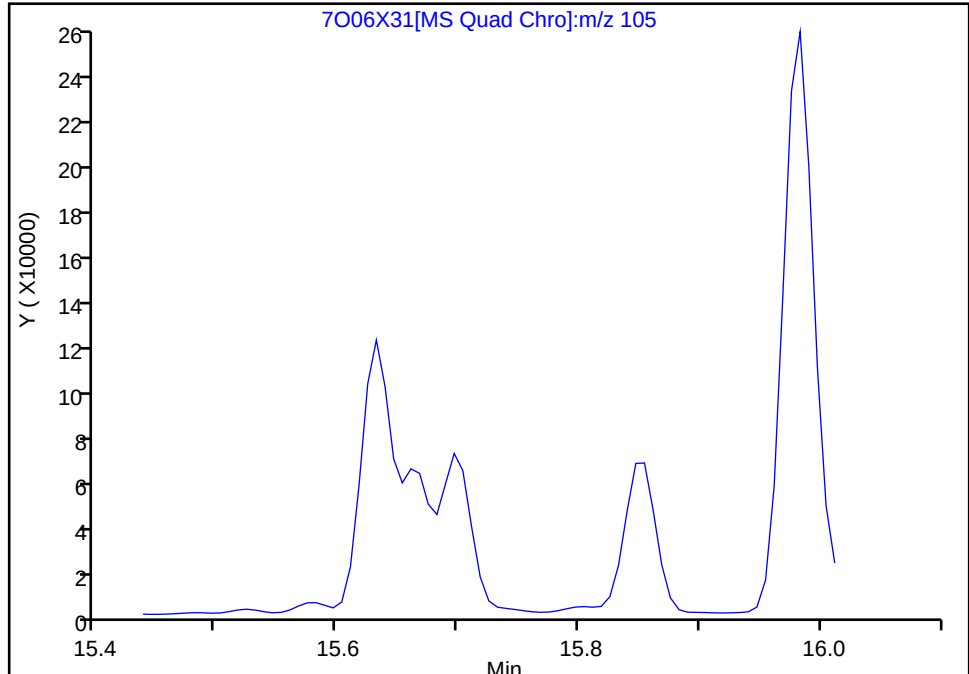
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X31.D
Injection Date: 07-Oct-2025 08:16:31 Instrument ID: HP8R004
Lims ID: 460-336011-A-7 DU
Client ID:
Operator ID: sn105465 ALS Bottle#: 8 Worklist Smp#: 29
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

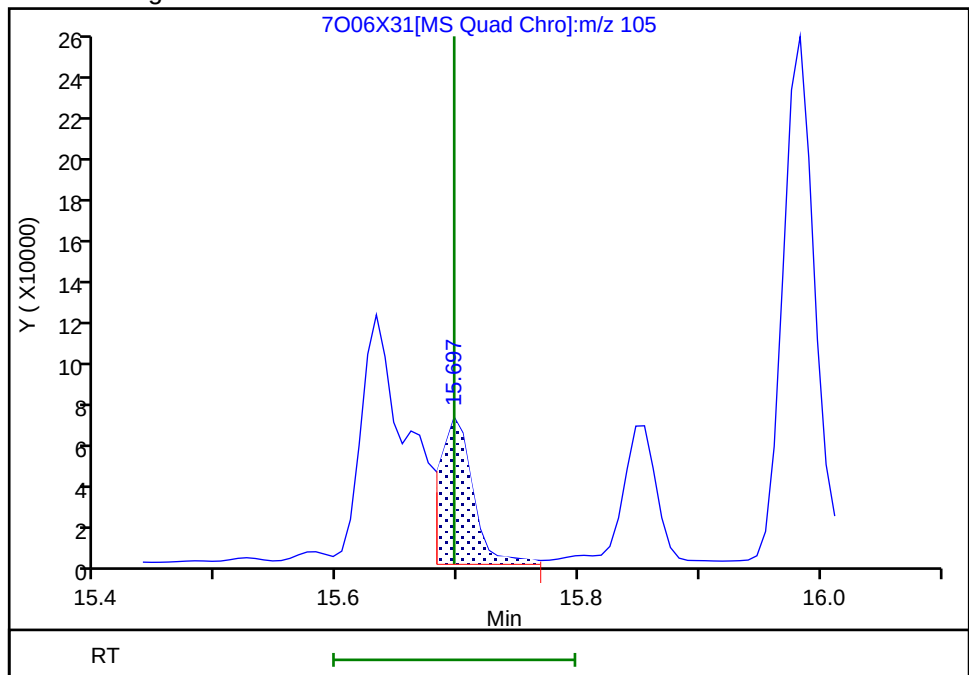
Not Detected
Expected RT: 15.70

Processing Integration Results



Manual Integration Results

RT: 15.70
Area: 124083
Amount: 1.078630
Amount Units: ppb v/v



Reviewer: D7UM, 07-Oct-2025 09:26:12 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X31.D

Injection Date: 07-Oct-2025 08:16:31

Instrument ID: HP8R004

Lims ID: 460-336011-A-7 DU

Client ID:

Operator ID: sn105465

ALS Bottle#:

8

Worklist Smp#: 29

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

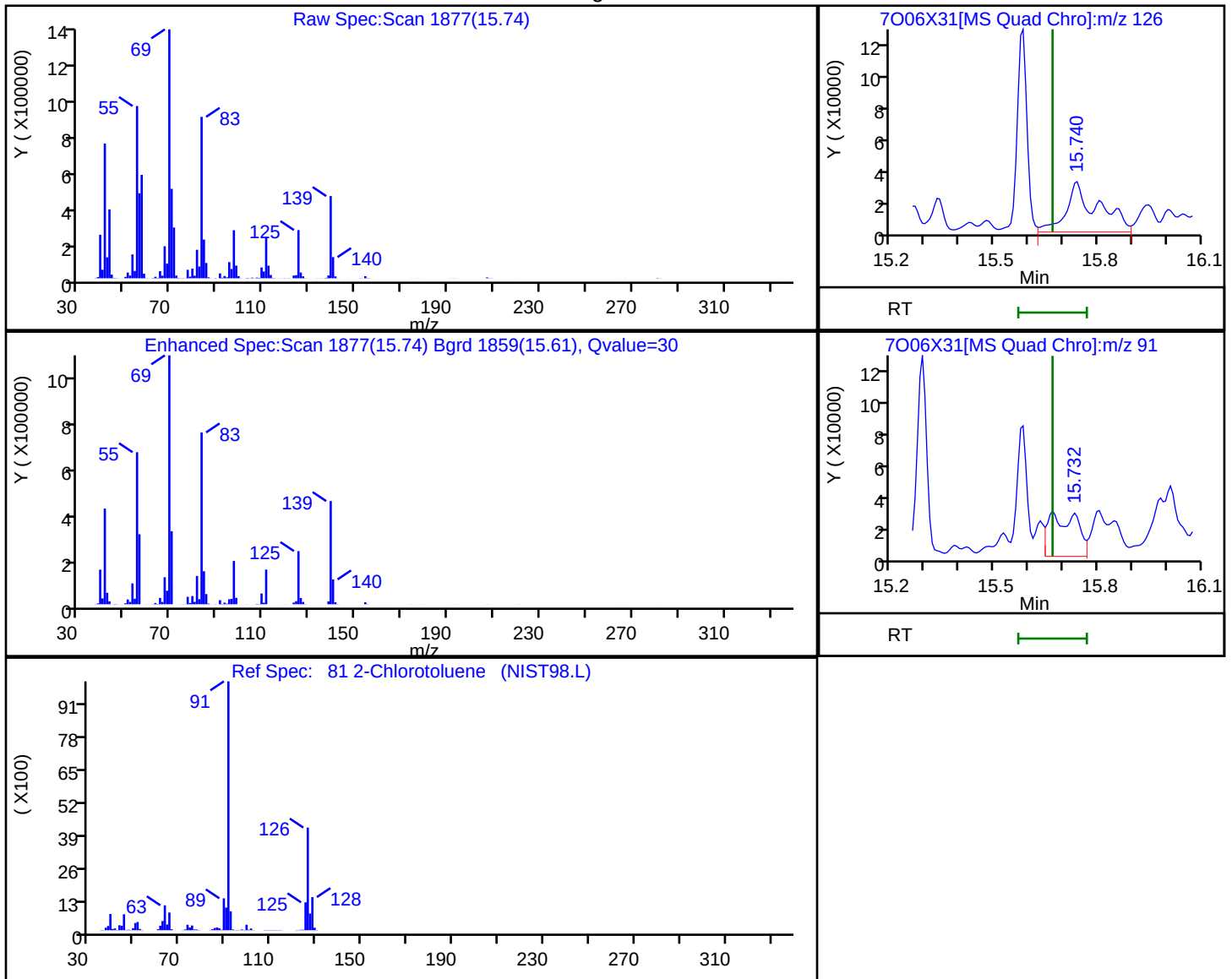
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

81 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
15.74	126.00	194186	5.210246
15.73	91.00	157443	

Reviewer: D7UM, 07-Oct-2025 09:26:04 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X31.D

Injection Date: 07-Oct-2025 08:16:31

Instrument ID: HP8R004

Lims ID: 460-336011-A-7 DU

Client ID:

Operator ID: sn105465

ALS Bottle#:

8

Worklist Smp#: 29

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

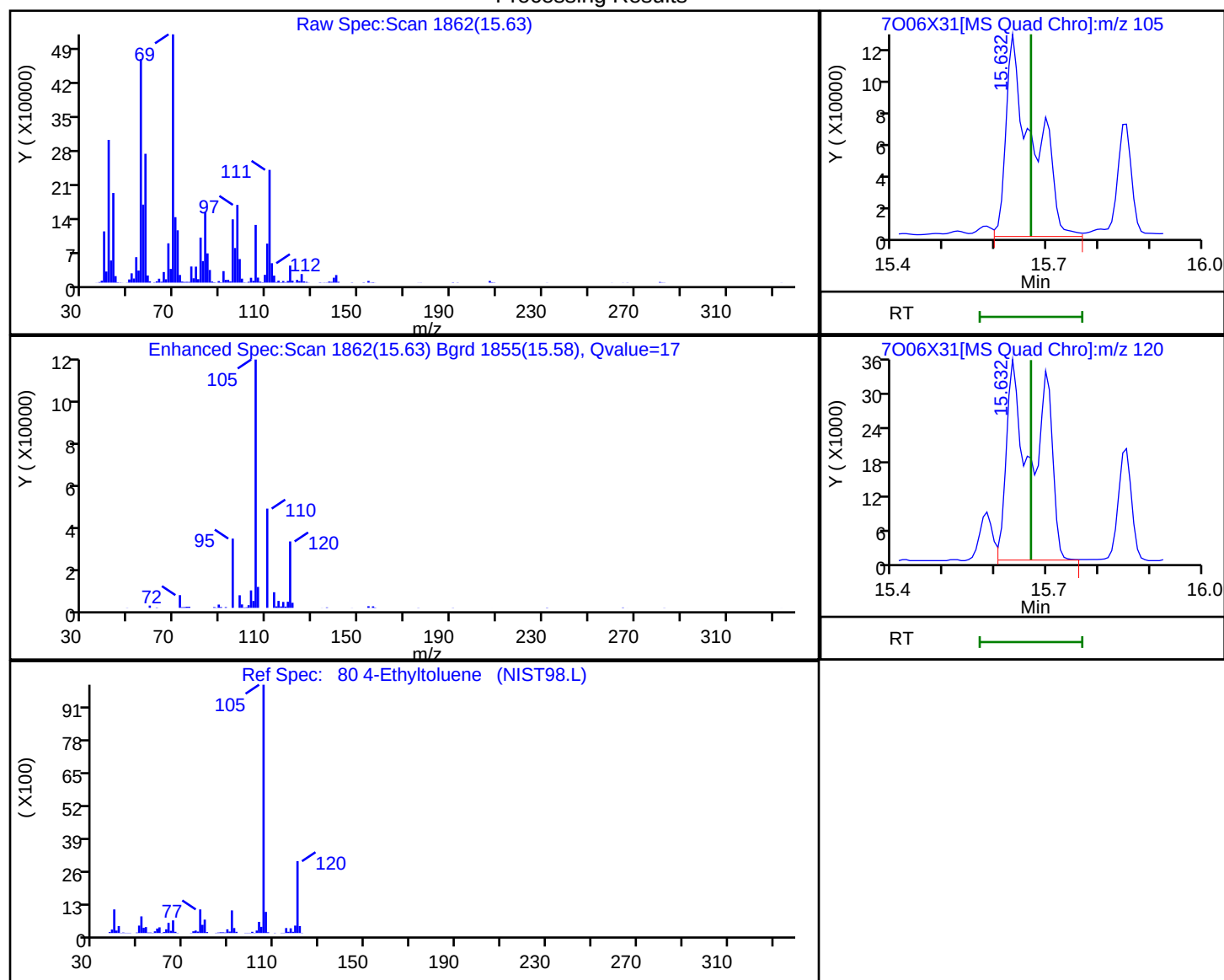
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

80 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
15.63	105.00	437369	3.043629
15.63	120.00	147024	

Reviewer: D7UM, 07-Oct-2025 09:26:01 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X31.D

Injection Date: 07-Oct-2025 08:16:31

Instrument ID: HP8R004

Lims ID: 460-336011-A-7 DU

Client ID:

Operator ID: sn105465

ALS Bottle#:

8

Worklist Smp#: 29

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

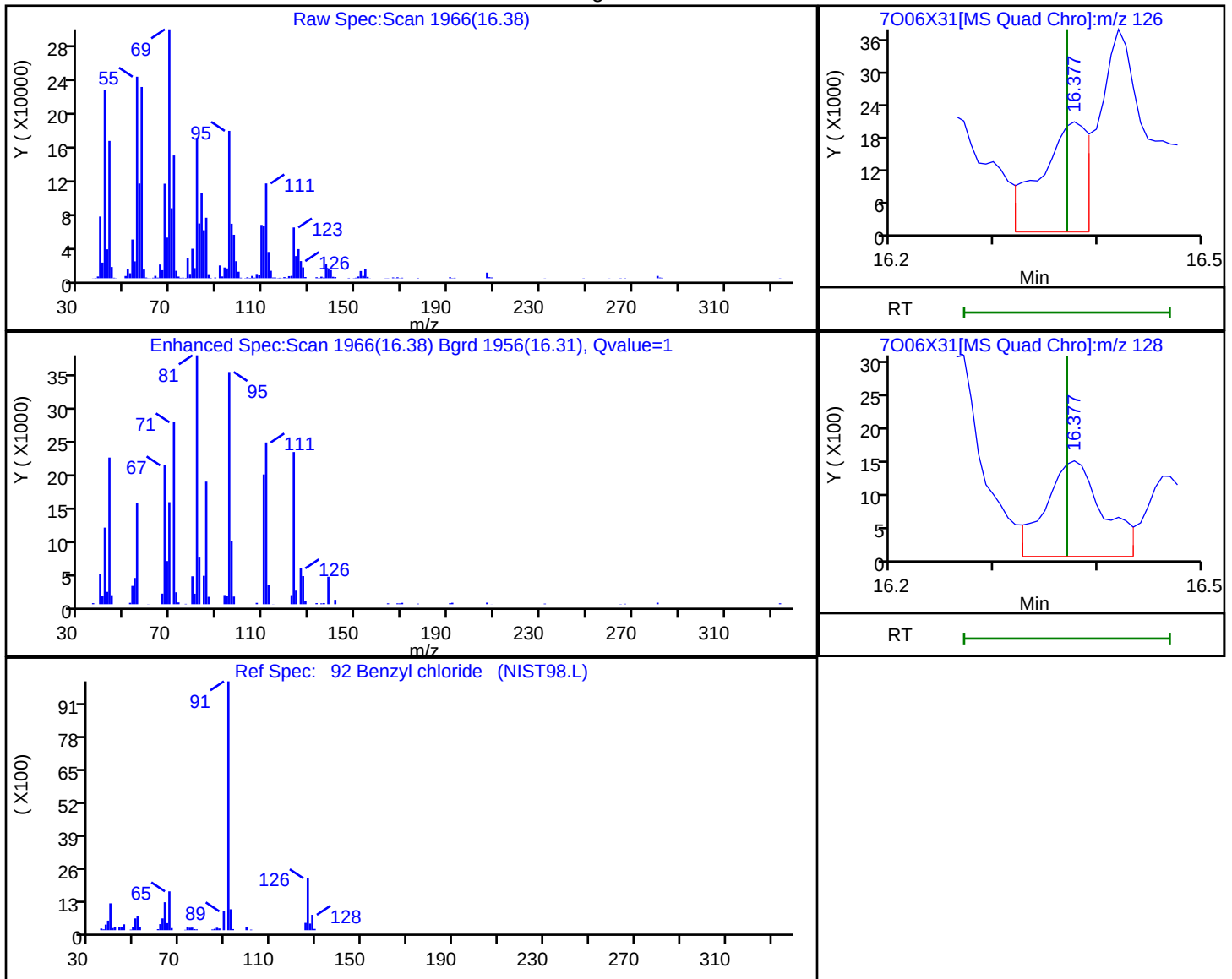
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

92 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
16.38	126.00	58841	3.092017
16.38	128.00	5481	

Reviewer: D7UM, 07-Oct-2025 09:26:24 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X31.D

Injection Date: 07-Oct-2025 08:16:31

Instrument ID: HP8R004

Lims ID: 460-336011-A-7 DU

Client ID:

Operator ID: sn105465

ALS Bottle#:

8

Worklist Smp#: 29

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

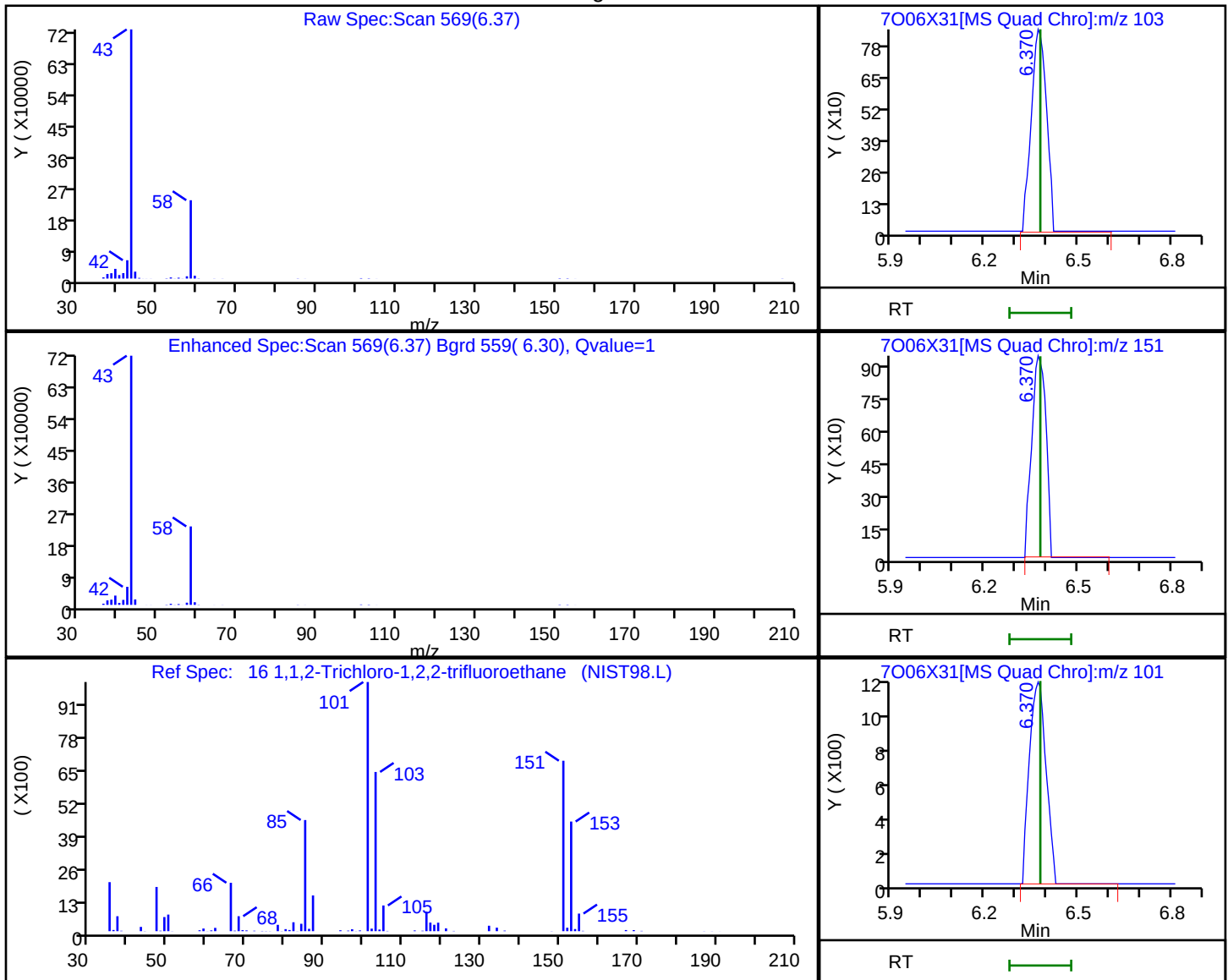
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
6.37	103.00	2882	0.079861
6.37	151.00	3016	
6.37	101.00	4366	

Reviewer: D7UM, 07-Oct-2025 09:24:41 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X31.D

Injection Date: 07-Oct-2025 08:16:31

Instrument ID: HP8R004

Lims ID: 460-336011-A-7 DU

Client ID:

Operator ID: sn105465

ALS Bottle#:

8

Worklist Smp#: 29

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

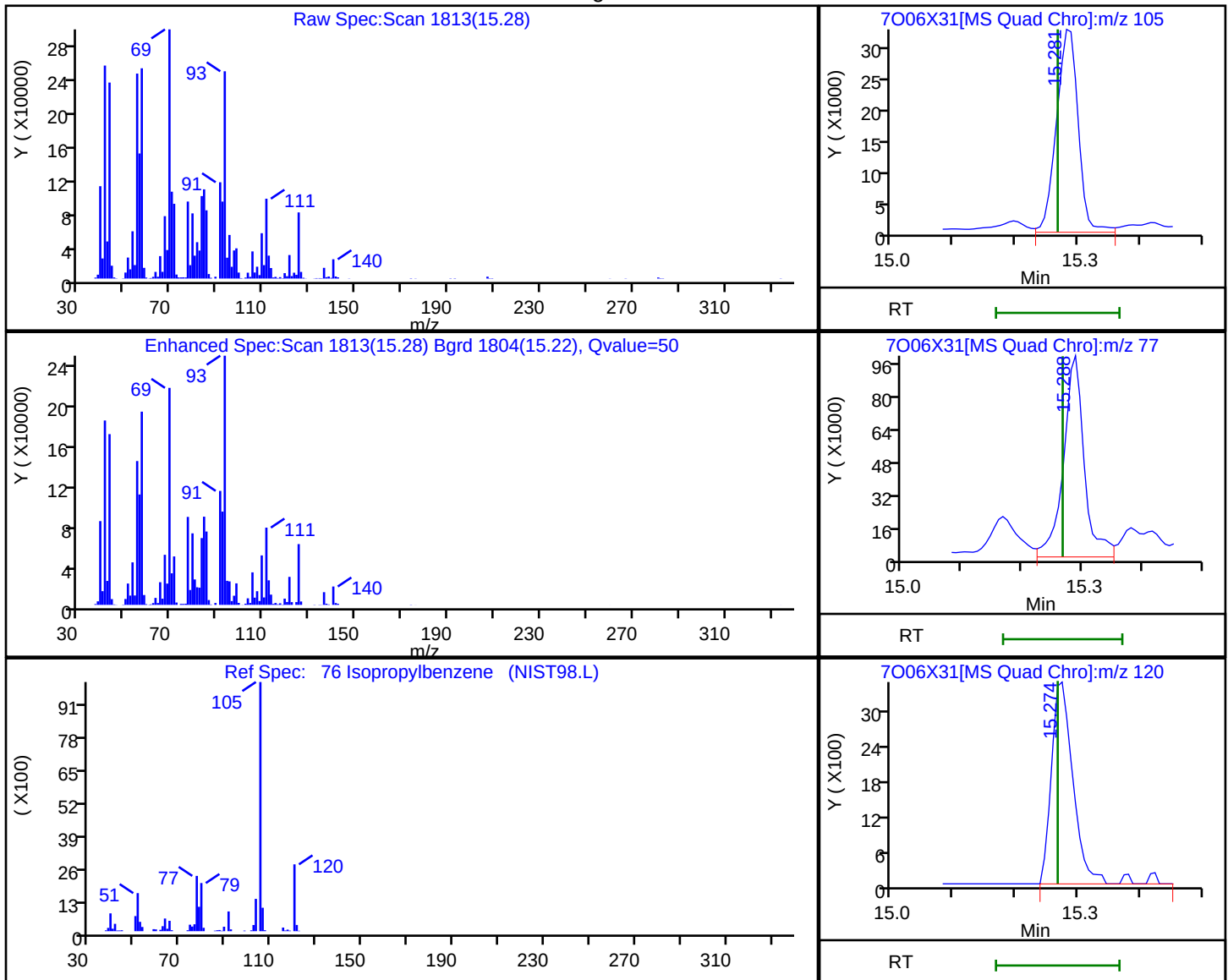
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

76 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
15.28	105.00	78704	0.547173
15.29	77.00	240007	
15.27	120.00	8452	

Reviewer: D7UM, 07-Oct-2025 09:25:55 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X31.D

Injection Date: 07-Oct-2025 08:16:31

Instrument ID: HP8R004

Lims ID: 460-336011-A-7 DU

Client ID:

Operator ID: sn105465

ALS Bottle#:

8

Worklist Smp#: 29

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

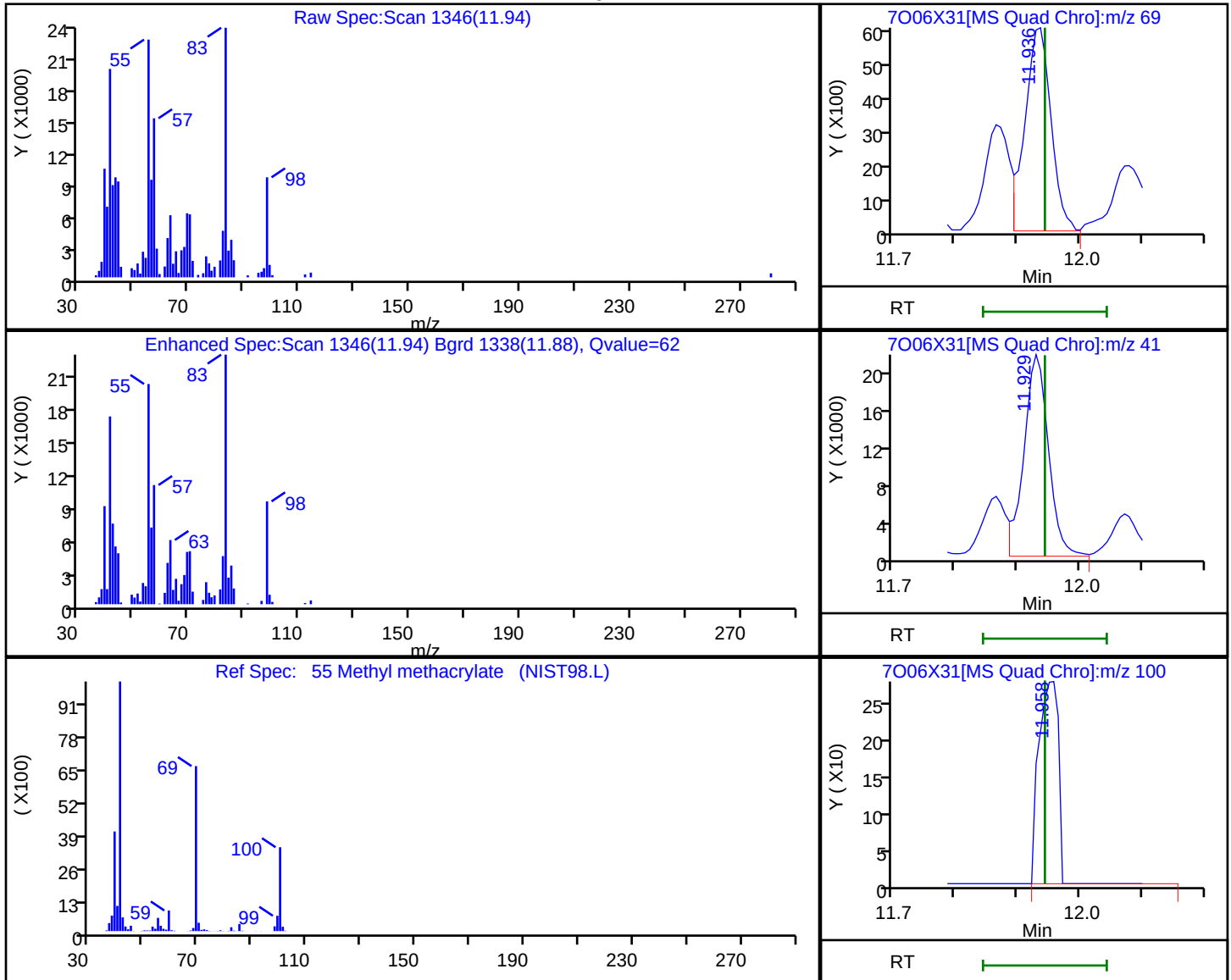
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

55 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
11.94	69.00	17376	0.497756
11.93	41.00	57446	
11.96	100.00	591	

Reviewer: D7UM, 07-Oct-2025 09:25:31 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

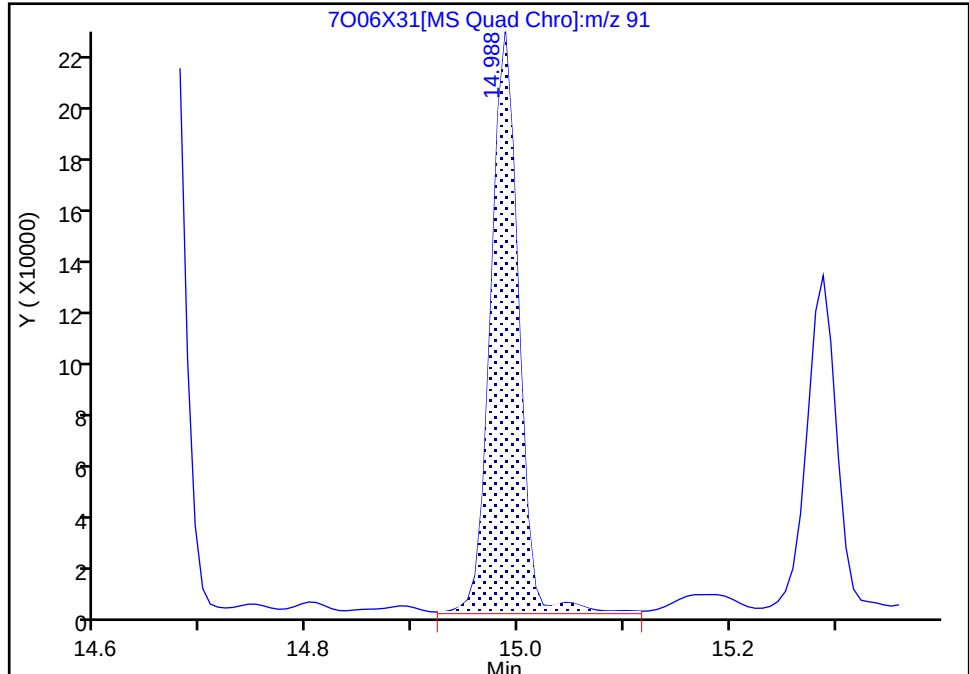
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X31.D
Injection Date: 07-Oct-2025 08:16:31 Instrument ID: HP8R004
Lims ID: 460-336011-A-7 DU
Client ID:
Operator ID: sn105465 ALS Bottle#: 8 Worklist Smp#: 29
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

73 o-Xylene, CAS: 95-47-6

Signal: 1

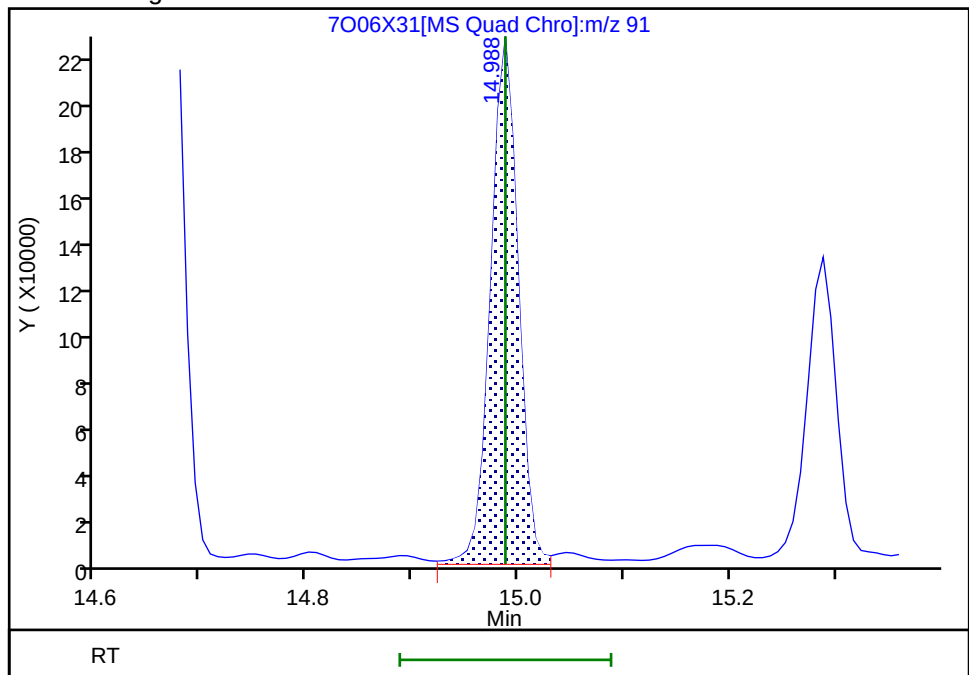
RT: 14.99
Area: 412468
Amount: 3.591143
Amount Units: ppb v/v

Processing Integration Results



RT: 14.99
Area: 399987
Amount: 3.482477
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 07-Oct-2025 09:25:51 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X31.D

Injection Date: 07-Oct-2025 08:16:31

Instrument ID: HP8R004

Lims ID: 460-336011-A-7 DU

Client ID:

Operator ID: sn105465

ALS Bottle#:

8

Worklist Smp#: 29

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

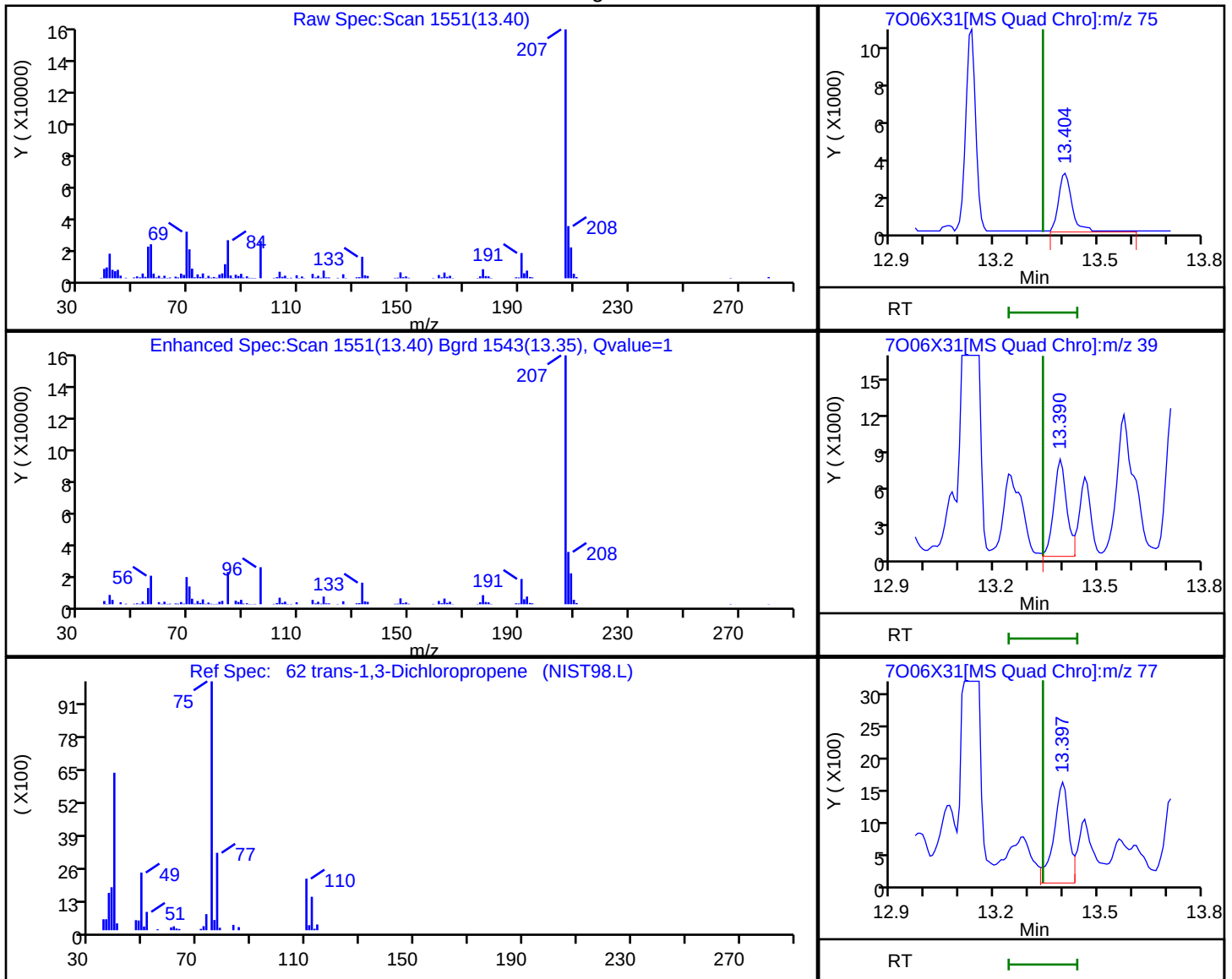
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

62 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
13.40	75.00	7684	0.148585
13.39	39.00	20487	
13.40	77.00	4767	

Reviewer: D7UM, 07-Oct-2025 09:25:37 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X31.D

Injection Date: 07-Oct-2025 08:16:31

Instrument ID: HP8R004

Lims ID: 460-336011-A-7 DU

Client ID:

Operator ID: sn105465

ALS Bottle#:

8

Worklist Smp#: 29

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

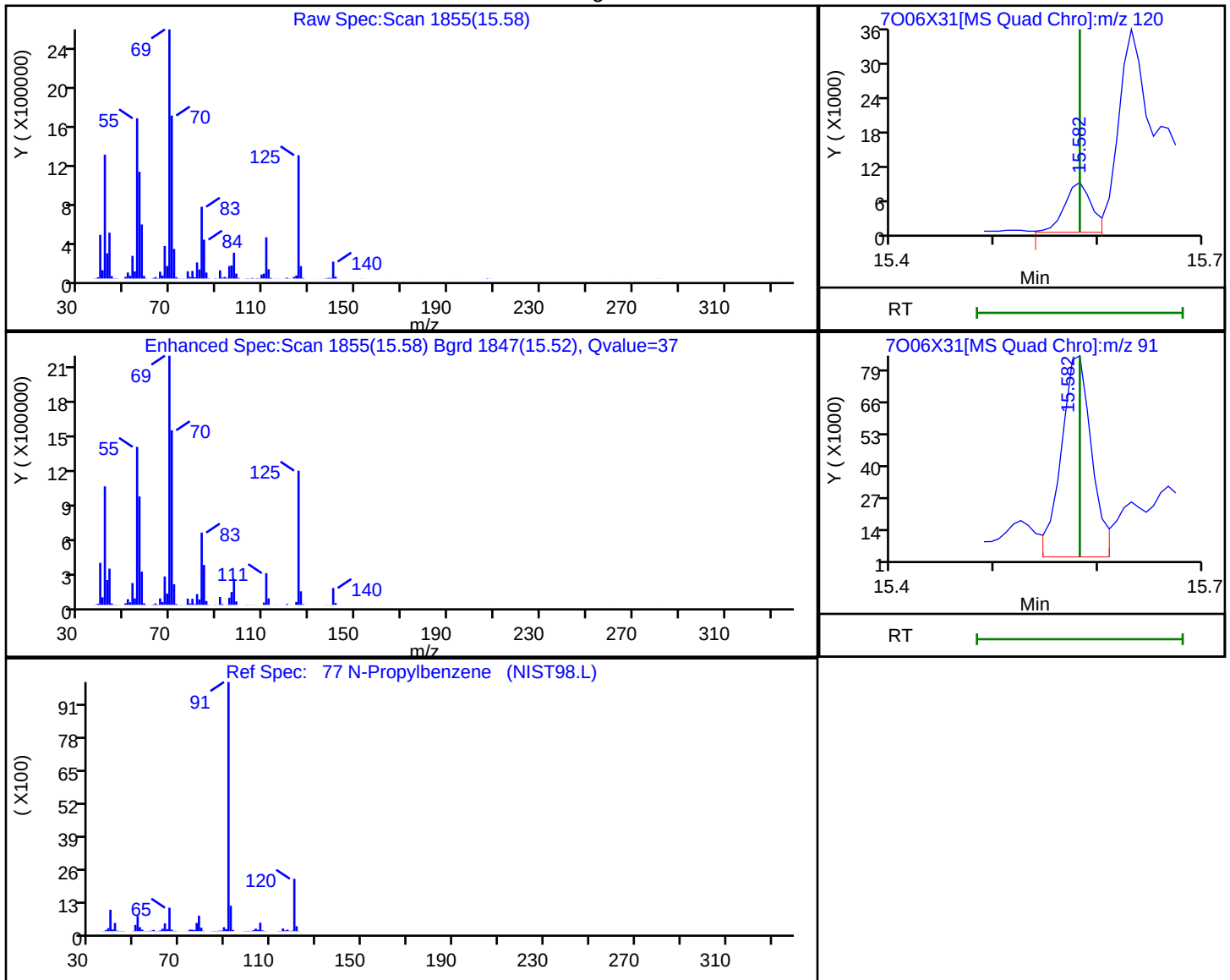
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

77 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
15.58	120.00	14942	0.382666
15.58	91.00	167856	

Reviewer: D7UM, 07-Oct-2025 09:25:59 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X31.D

Injection Date: 07-Oct-2025 08:16:31

Instrument ID: HP8R004

Lims ID: 460-336011-A-7 DU

Client ID:

Operator ID: sn105465

ALS Bottle#:

8

Worklist Smp#: 29

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

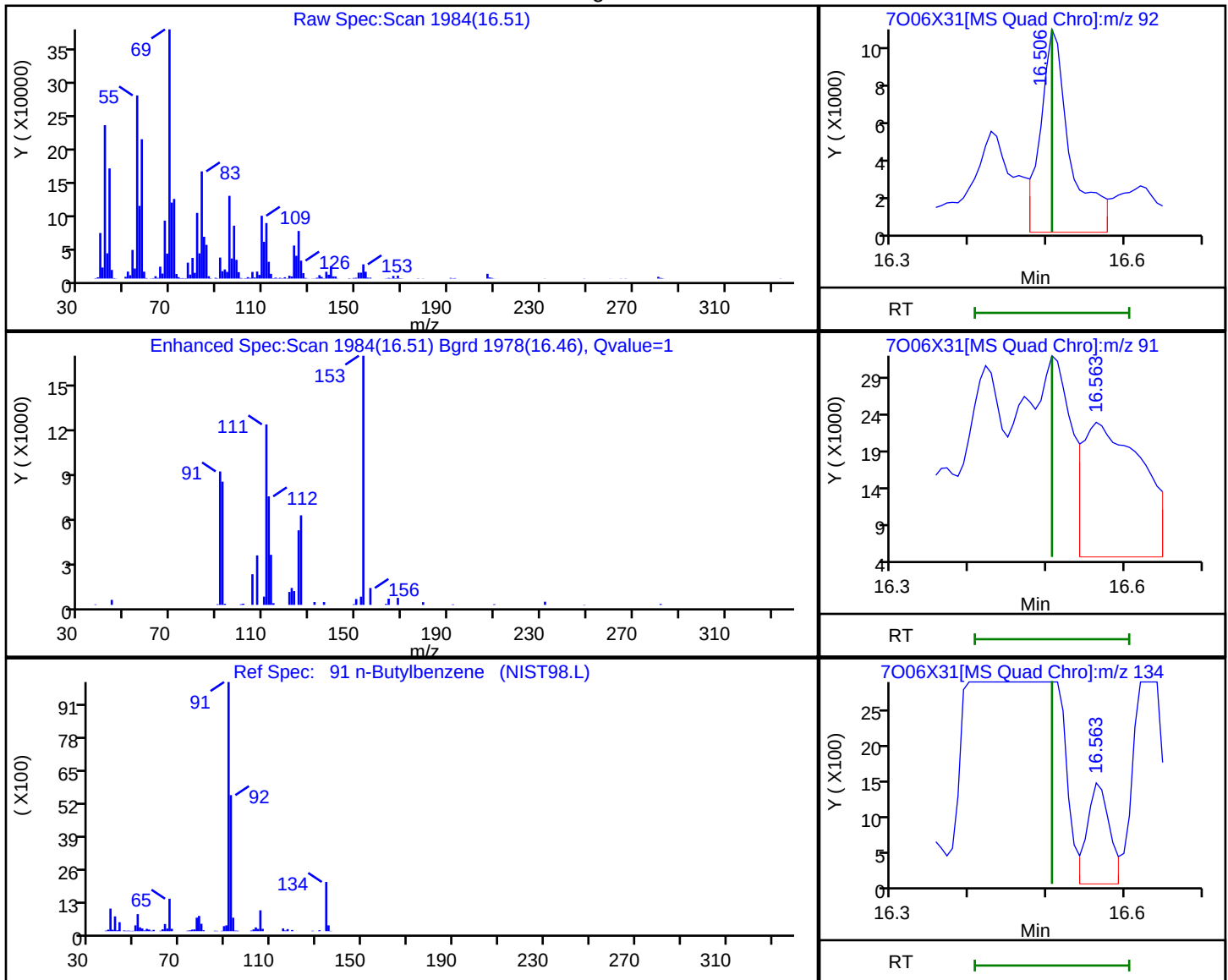
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

91 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
16.51	92.00	26662	0.356937
16.56	91.00	94526	
16.56	134.00	2790	

Reviewer: D7UM, 07-Oct-2025 09:26:25 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X31.D

Injection Date: 07-Oct-2025 08:16:31

Instrument ID: HP8R004

Lims ID: 460-336011-A-7 DU

Client ID:

Operator ID: sn105465

ALS Bottle#:

8

Worklist Smp#: 29

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

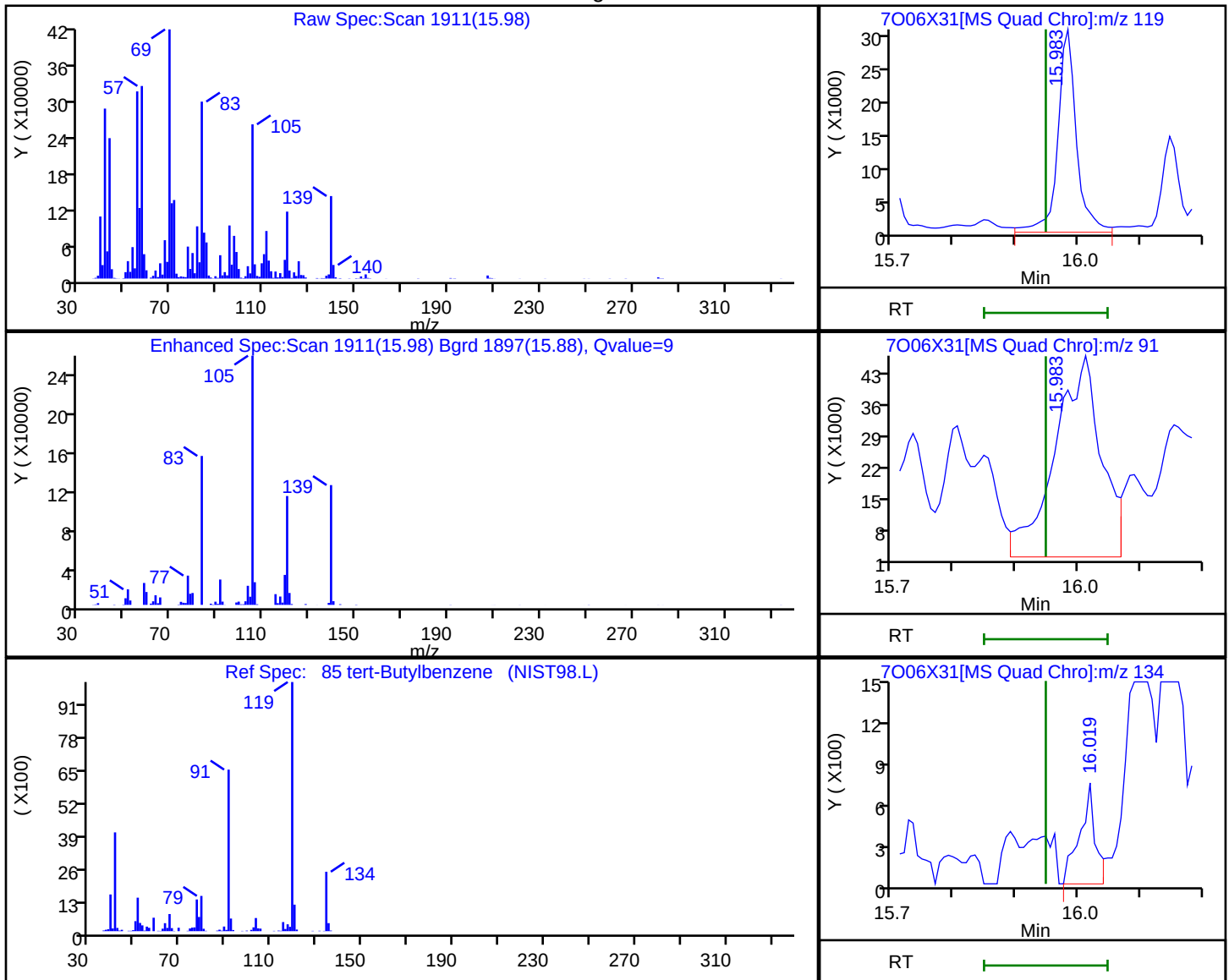
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

85 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
15.98	119.00	63713	0.555929
15.98	91.00	231805	
16.02	134.00	1256	

Reviewer: D7UM, 07-Oct-2025 09:26:15 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X31.D

Injection Date: 07-Oct-2025 08:16:31

Instrument ID: HP8R004

Lims ID: 460-336011-A-7 DU

Client ID:

Operator ID: sn105465

ALS Bottle#:

8

Worklist Smp#: 29

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

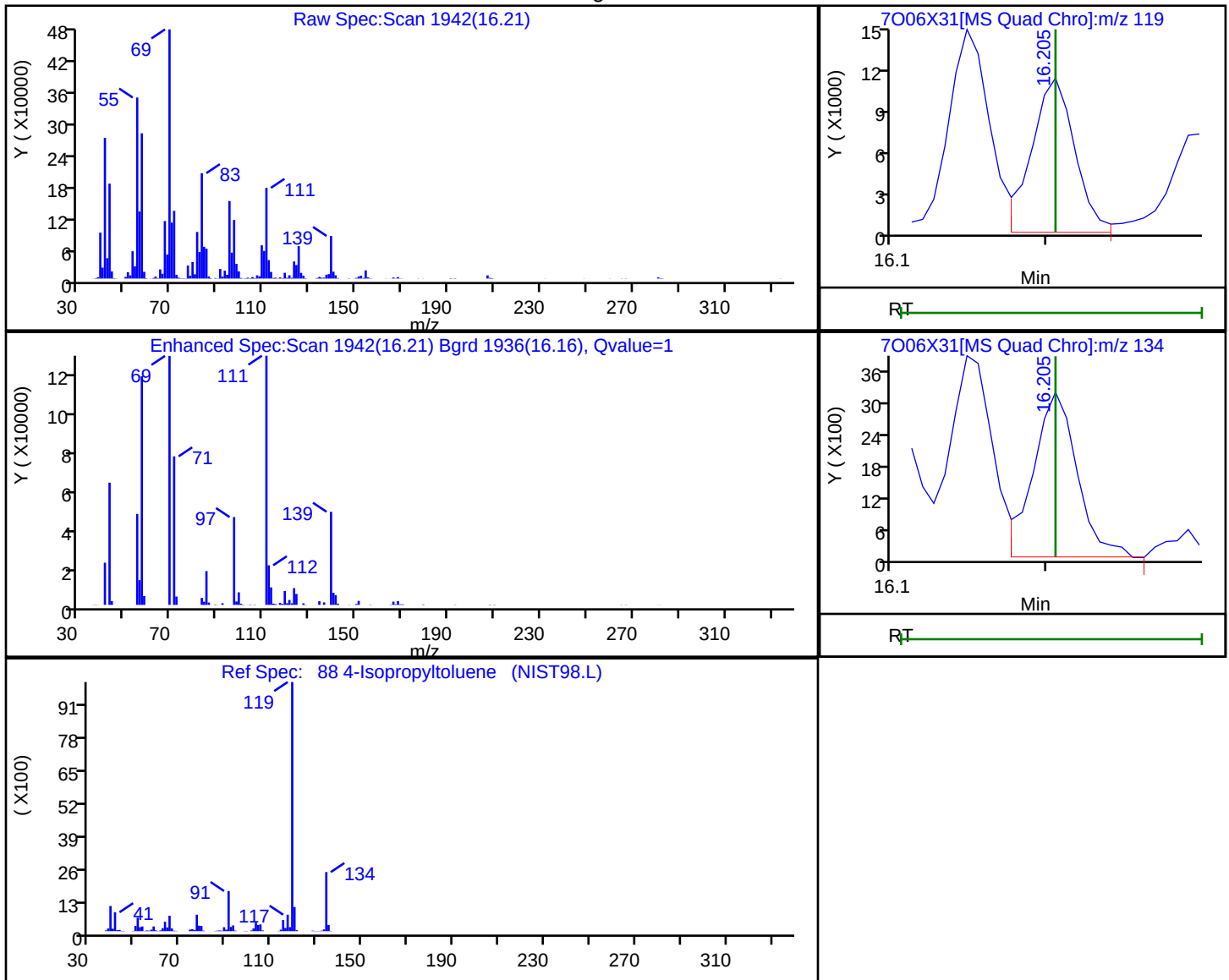
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

88 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
16.21	119.00	20882	0.150906
16.21	134.00	6190	

Reviewer: D7UM, 07-Oct-2025 09:26:21 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

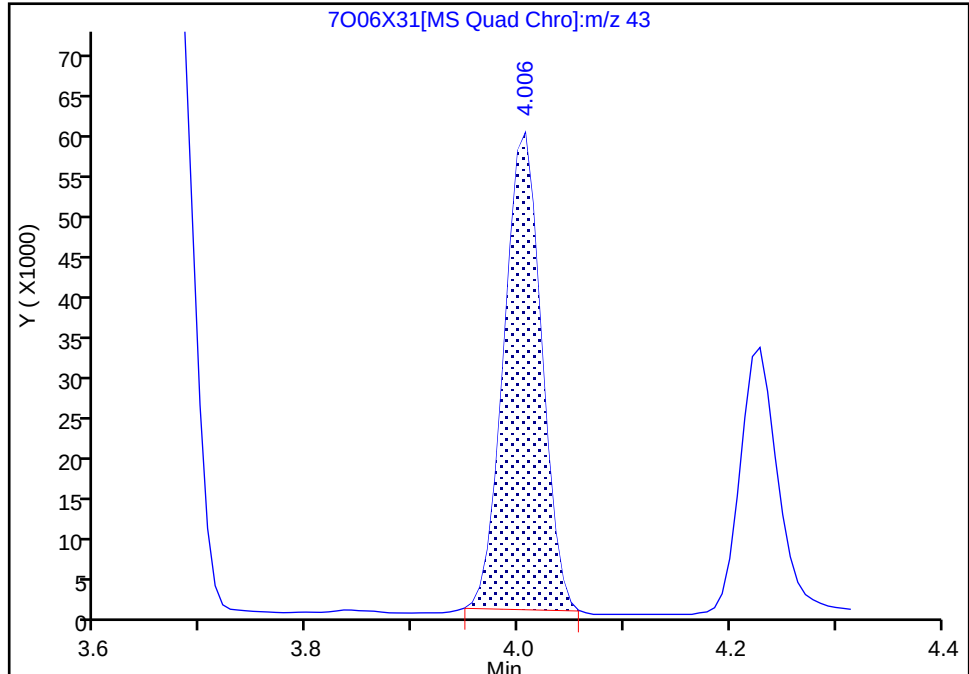
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251006-162112.b\7O06X31.D
Injection Date: 07-Oct-2025 08:16:31 Instrument ID: HP8R004
Lims ID: 460-336011-A-7 DU
Client ID:
Operator ID: sn105465 ALS Bottle#: 8 Worklist Smp#: 29
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

124 Butane, CAS: 106-97-8

Signal: 1

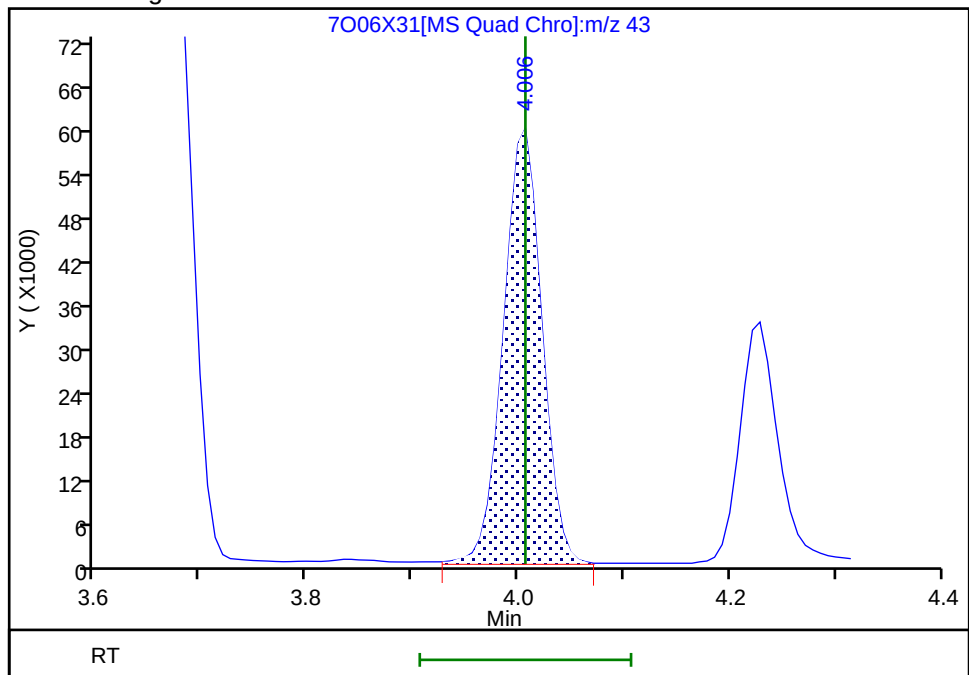
RT: 4.01
Area: 144952
Amount: 2.714933
Amount Units: ppb v/v

Processing Integration Results



RT: 4.01
Area: 149879
Amount: 2.807215
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 07-Oct-2025 09:24:33 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 410-243767-A-1 DU

Matrix: Air Lab File ID: 7007X09.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 18:25

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710205 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.38
95-63-6	1,2,4-Trimethylbenzene	120.20	0.721	J	0.98	0.39
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
108-67-8	1,3,5-Trimethylbenzene	120.20	0.942	J	0.98	0.23
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.45
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
123-91-1	1,4-Dioxane	88.11	18	U	18	0.17
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.75		1.5	1.5
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.1	U	2.1	0.53
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.1	U	2.1	0.62
67-64-1	Acetone	58.08	13.4		12	3.8
71-43-2	Benzene	78.11	1.05		0.64	0.14
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.88	U	0.88	0.22
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-15-0	Carbon disulfide	76.14	0.965	J	1.6	0.41

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 410-243767-A-1 DU

Matrix: Air Lab File ID: 7007X09.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 18:25

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710205 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.502		0.22	0.14
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
75-45-6	Chlorodifluoromethane	86.47	0.845	J	1.8	0.42
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.48
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
74-87-3	Chloromethane	50.49	0.841	J	1.0	0.31
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
110-82-7	Cyclohexane	84.16	8.11		0.69	0.11
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.13
75-71-8	Dichlorodifluoromethane	120.91	2.21	J	2.5	0.54
100-41-4	Ethylbenzene	106.17	1.01		0.87	0.23
76-13-1	1,1,2-Trichlorotrifluoro ethane	187.38	1.5	U	1.5	0.41
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
142-82-5	n-Heptane	100.21	7.80		0.82	0.23
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
110-54-3	n-Hexane	86.17	13.2		1.8	0.39
540-84-1	2,2,4-Trimethylpentane	114.23	8.40		0.93	0.18
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
67-63-0	Isopropyl alcohol	60.10	16.0		12	3.9
179601-23-1	m,p-Xylene	106.17	2.35		2.2	0.41
80-62-6	Methyl methacrylate	100.12	2.1	U	2.1	0.57
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
91-20-3	Naphthalene	128.17	2.0	U	2.0	1.6
95-47-6	o-Xylene	106.17	0.588	J	0.87	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-336014-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 410-243767-A-1 DU

Matrix: Air Lab File ID: 7007X09.D

Analysis Method: TO 15 LL Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 10/07/2025 18:25

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710205 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
108-88-3	Toluene	92.14	0.921		0.75	0.16
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-01-6	Trichloroethene	131.39	1.84		0.20	0.13
75-69-4	Trichlorofluoromethane	137.37	1.17		1.1	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
103-65-1	N-Propylbenzene	120.19	0.98	U	0.98	0.23
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.34
106-97-8	n-Butane	58.12	2.17		1.2	0.48

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X09.D
 Lims ID: 410-243767-A-1 DU
 Client ID:
 Sample Type: DU
 Inject. Date: 07-Oct-2025 18:25:33 ALS Bottle#: 7 Worklist Smp#: 10
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 410-243767-A-1 DU
 Misc. Info.: 410-0162271-010
 Operator ID: al109694 Instrument ID: HP8R004
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\TO15LLMethods_HP8R004.m
 Limit Group: MSV - TO15_LL_NY
 Last Update: 08-Oct-2025 08:45:07 Calib Date: 08-Sep-2025 02:41:13
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250905-158855.b\7S07X11.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1696

First Level Reviewer: D7UM

Date: 08-Oct-2025 08:37:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.312	3.312	0.001	91	6995		NC	M
2 Dichlorodifluoromethane	85	3.376	3.376	0.000	86	34453		0.4472	
3 Chlorodifluoromethane	51	3.419	3.412	0.007	51	10421		0.2389	
T 107 Methyl Acetate TIC	43	3.677	3.717	-0.040	55	12184		0.3613	
5 Chloromethane	50	3.777	3.791	0.007	96	11234		0.4072	
124 Butane	43	4.006	4.006	0.000	59	47351		0.9144	M
12 Trichlorofluoromethane	101	5.403	5.410	-0.007	64	14665		0.2089	
11 Pentane	43	5.582	5.597	0.000	95	178505		NC	
14 Ethanol	45	5.640	5.661	-0.021	98	2622484		NC	
19 Acrolein	56	6.155	6.148	0.007	16	6456		NC	
23 Acetone	43	6.370	6.377	-0.007	99	283068		5.65	
20 Isopropyl alcohol	45	6.585	6.592	-0.007	98	240984		6.50	
17 Carbon disulfide	76	6.757	6.757	0.000	99	31124		0.3099	
28 Acetonitrile	41	6.836	6.829	0.007	55	8921		NC	
22 Methylene Chloride	84	7.194	7.194	0.000	66	4177		0.1572	M
27 2-Methyl-2-propanol	59	7.294	7.294	0.000	4	22137		0.7196	
31 Acrylonitrile	53	7.538	7.531	0.007	71	1666		NC	
25 Hexane	56	8.104	8.111	-0.007	94	97616		3.75	
29 Isopropyl ether	45	8.455	8.397	0.058	1	864		NC	
32 Tert-butyl ethyl ether	59	8.956	8.970	-0.014	10	3988		NC	
43 2-Butanone (MEK)	72	9.178	9.178	0.000	63	8448		0.5929	
39 Methyl acrylate	55	9.321	9.329	-0.007	1	1511		NC	
* 35 Chlorobromomethane (IS)	130	9.615	9.615	0.000	94	337245	10.0	10.0	
36 Cyclohexane	56	10.217	10.188	0.029	71	113385		2.36	
40 Carbon tetrachloride	117	10.303	10.303	0.000	65	4496		0.0798	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.532	10.532	0.000	0	472486	NC	NC	
46 Benzene	78	10.589	10.596	-0.007	59	33440		0.3287	
44 Isooctane	57	10.775	10.776	0.000	96	279872		1.80	
45 n-Heptane	71	11.019	11.026	-0.007	95	58513		1.90	
* 50 1,4-Difluorobenzene	114	11.212	11.220	-0.008	95	1258256	10.0	10.0	
49 Trichloroethene	130	11.585	11.585	0.000	84	13848		0.3420	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
52 Ethyl acrylate	55	11.635	11.635	0.000	2	3115		NC	
51 Dibromomethane	174	12.051	12.043	0.008	1	669		NC	
\$ 103 Toluene-d8 (Surr)	98	13.053	13.060	0.000	94	1327241	NC	NC	
59 Toluene	91	13.132	13.139	0.000	78	28939		0.2445	
58 n-Octane	43	13.240	13.240	0.000	81	62984		NC	M
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.000	86	1149722	10.0	10.0	
70 Ethylbenzene	91	14.558	14.565	0.000	88	33365		0.2334	
72 m-Xylene & p-Xylene	91	14.665	14.665	0.000	96	57441		0.5416	
73 o-Xylene	91	14.987	14.987	0.000	89	14281		0.1355	M
83 1,2,3-Trichloropropane	110	15.532	15.547	-0.007	1	870		NC	
82 1,3,5-Trimethylbenzene	105	15.697	15.697	0.000	91	20236		0.1916	Ma
86 1,2,4-Trimethylbenzene	105	15.983	15.991	0.000	79	16363		0.1466	
93 Hexachloroethane	117	16.850	16.822	0.036	1	1113		NC	
S 101 Xylenes, Total	91				0	71722		0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

AIRIS200 ppb_00532

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 08-Oct-2025 08:45:44

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X09.D

Injection Date: 07-Oct-2025 18:25:33

Instrument ID: HP8R004

Lims ID: 410-243767-A-1 DU

Client ID:

Operator ID: al109694

ALS Bottle#:

7

Worklist Smp#:

10

Purge Vol: 200.000 mL

Dil. Factor:

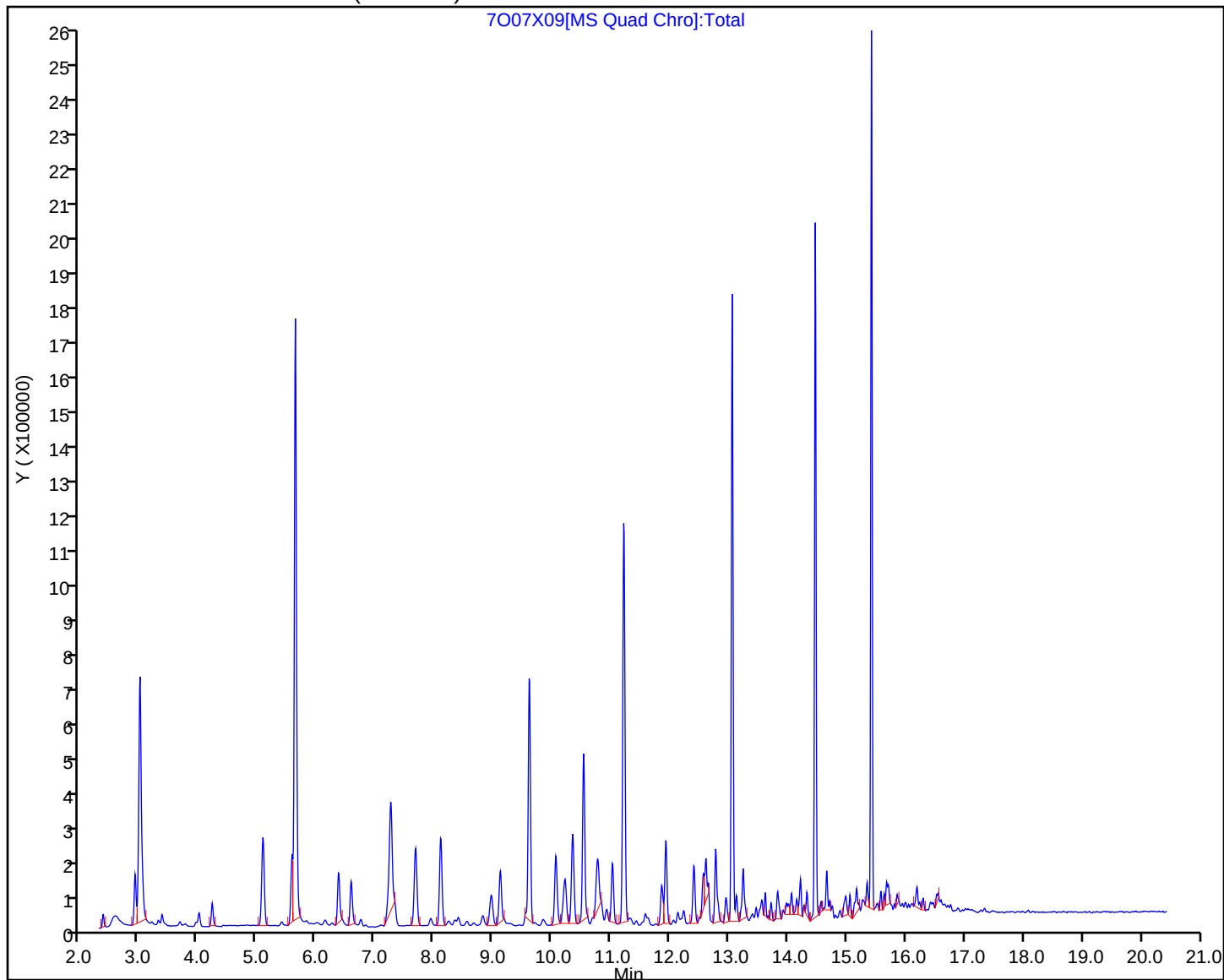
1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X09.D

Injection Date: 07-Oct-2025 18:25:33

Instrument ID: HP8R004

Lims ID: 410-243767-A-1 DU

Client ID:

Operator ID: al109694

ALS Bottle#:

7

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

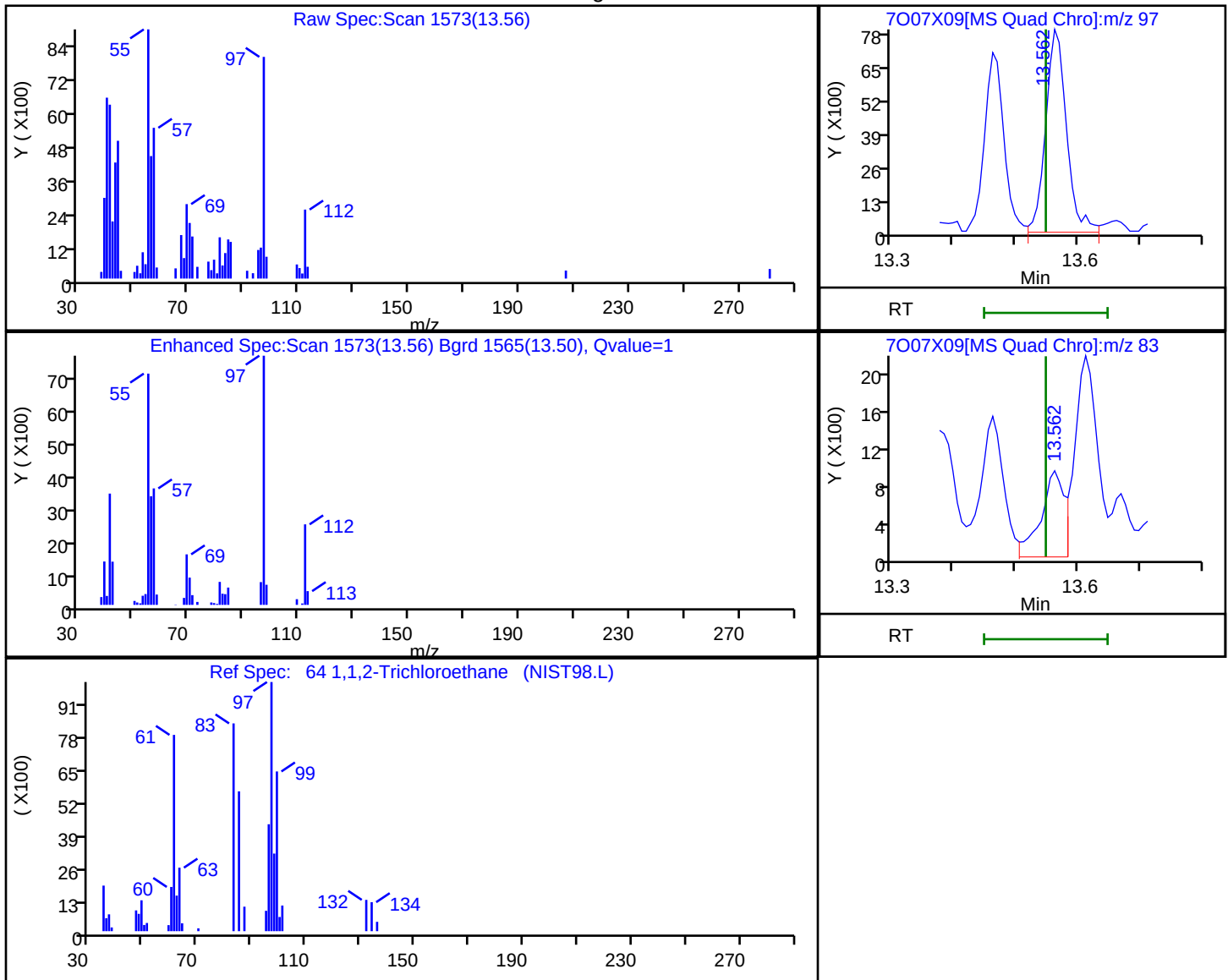
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

64 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
13.56	97.00	18358	0.461834
13.56	83.00	2367	

Reviewer: D7UM, 08-Oct-2025 08:36:58 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

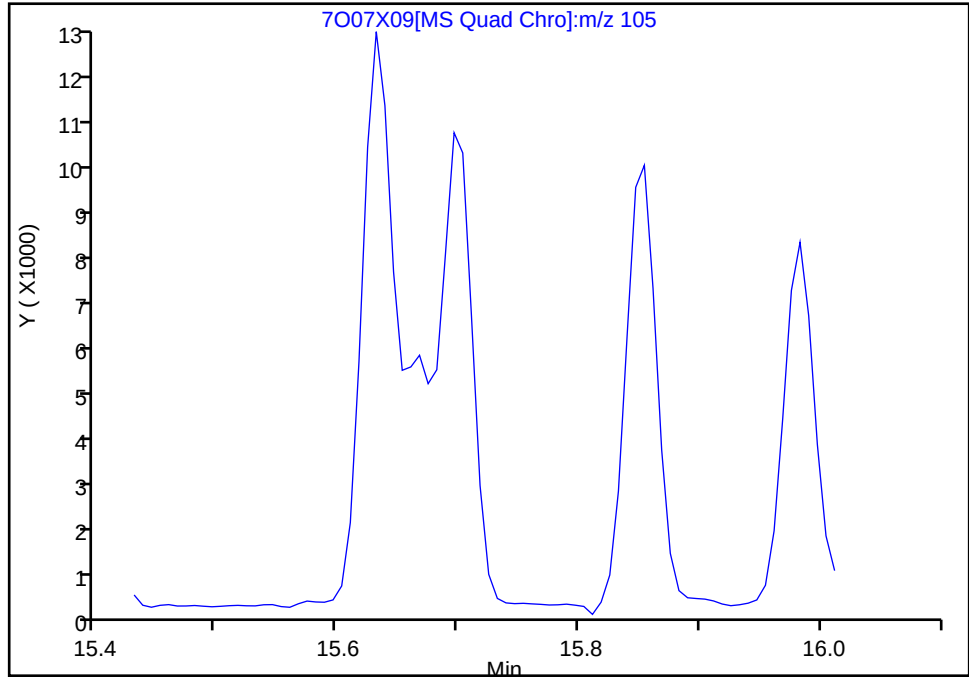
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X09.D
Injection Date: 07-Oct-2025 18:25:33 Instrument ID: HP8R004
Lims ID: 410-243767-A-1 DU
Client ID:
Operator ID: al109694 ALS Bottle#: 7 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

82 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

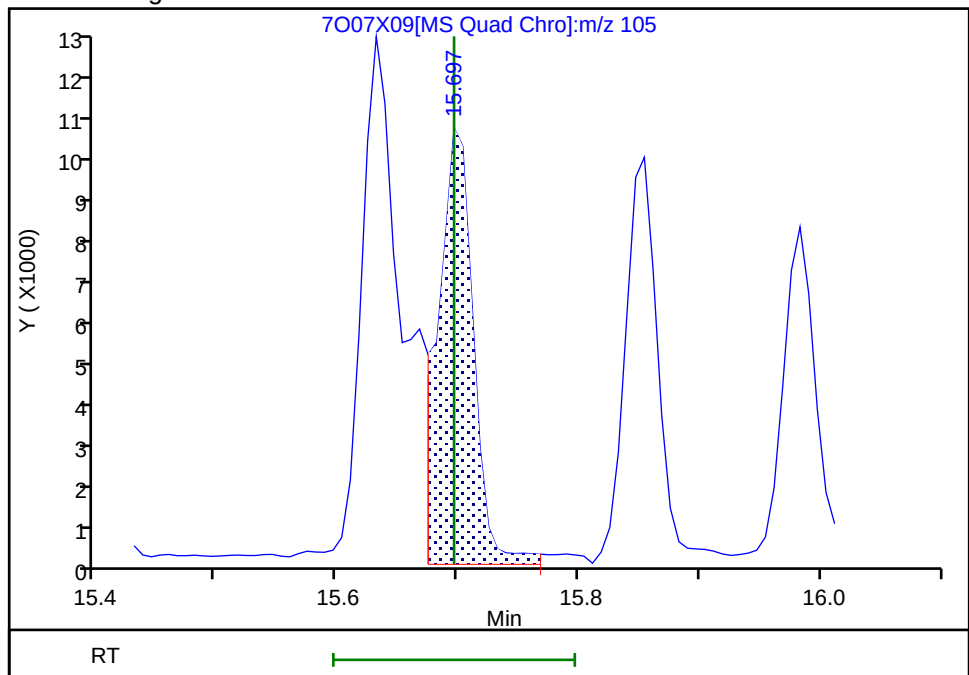
Not Detected
Expected RT: 15.70

Processing Integration Results



Manual Integration Results

RT: 15.70
Area: 20236
Amount: 0.191641
Amount Units: ppb v/v



Reviewer: D7UM, 08-Oct-2025 08:37:18 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X09.D

Injection Date: 07-Oct-2025 18:25:33

Instrument ID: HP8R004

Lims ID: 410-243767-A-1 DU

Client ID:

Operator ID: al109694

ALS Bottle#:

7

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

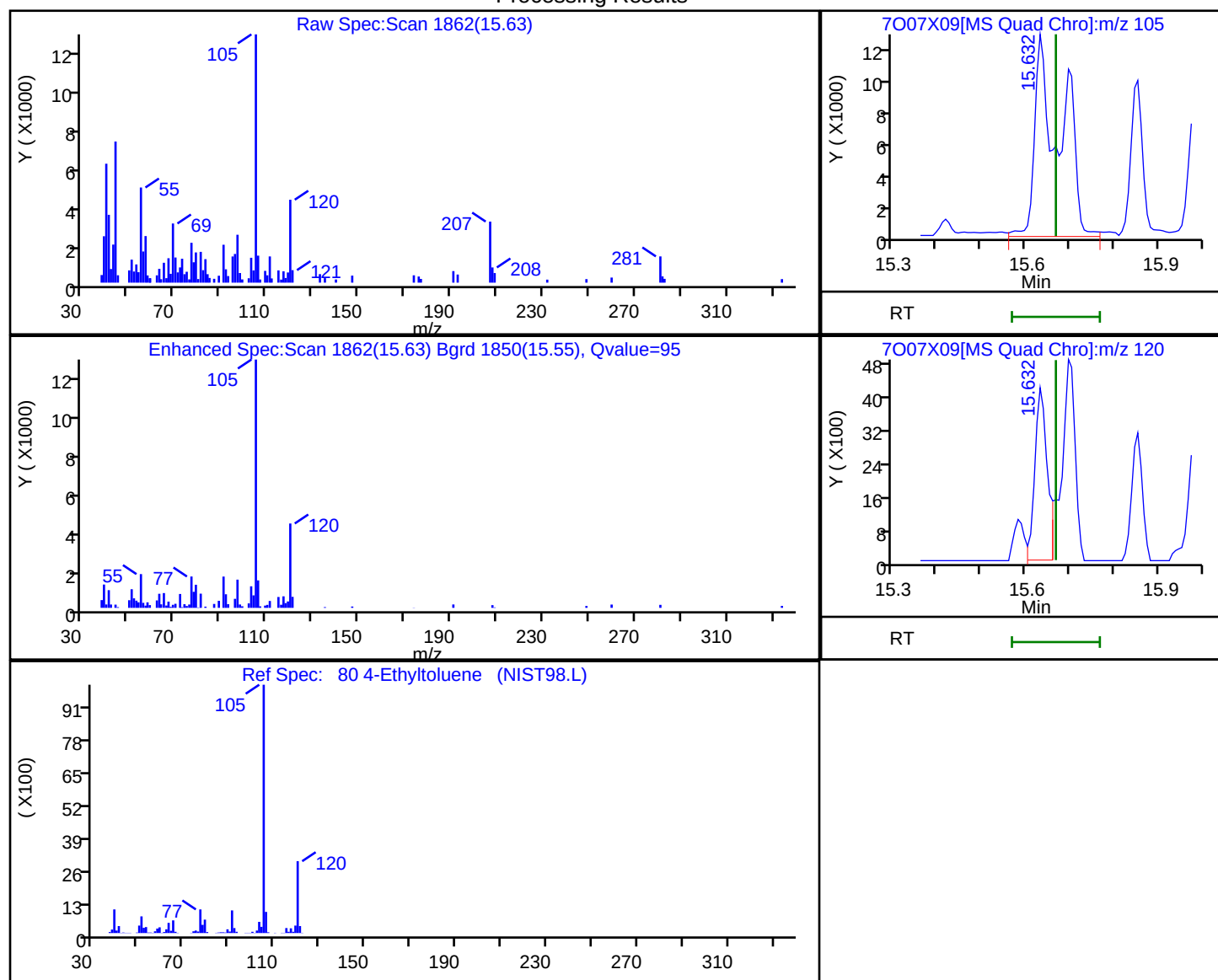
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

80 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
15.63	105.00	49769	0.377317
15.63	120.00	7963	

Reviewer: D7UM, 08-Oct-2025 08:37:13 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X09.D

Injection Date: 07-Oct-2025 18:25:33

Instrument ID: HP8R004

Lims ID: 410-243767-A-1 DU

Client ID:

Operator ID: al109694

ALS Bottle#: 7

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15LLMethods_HP8R004

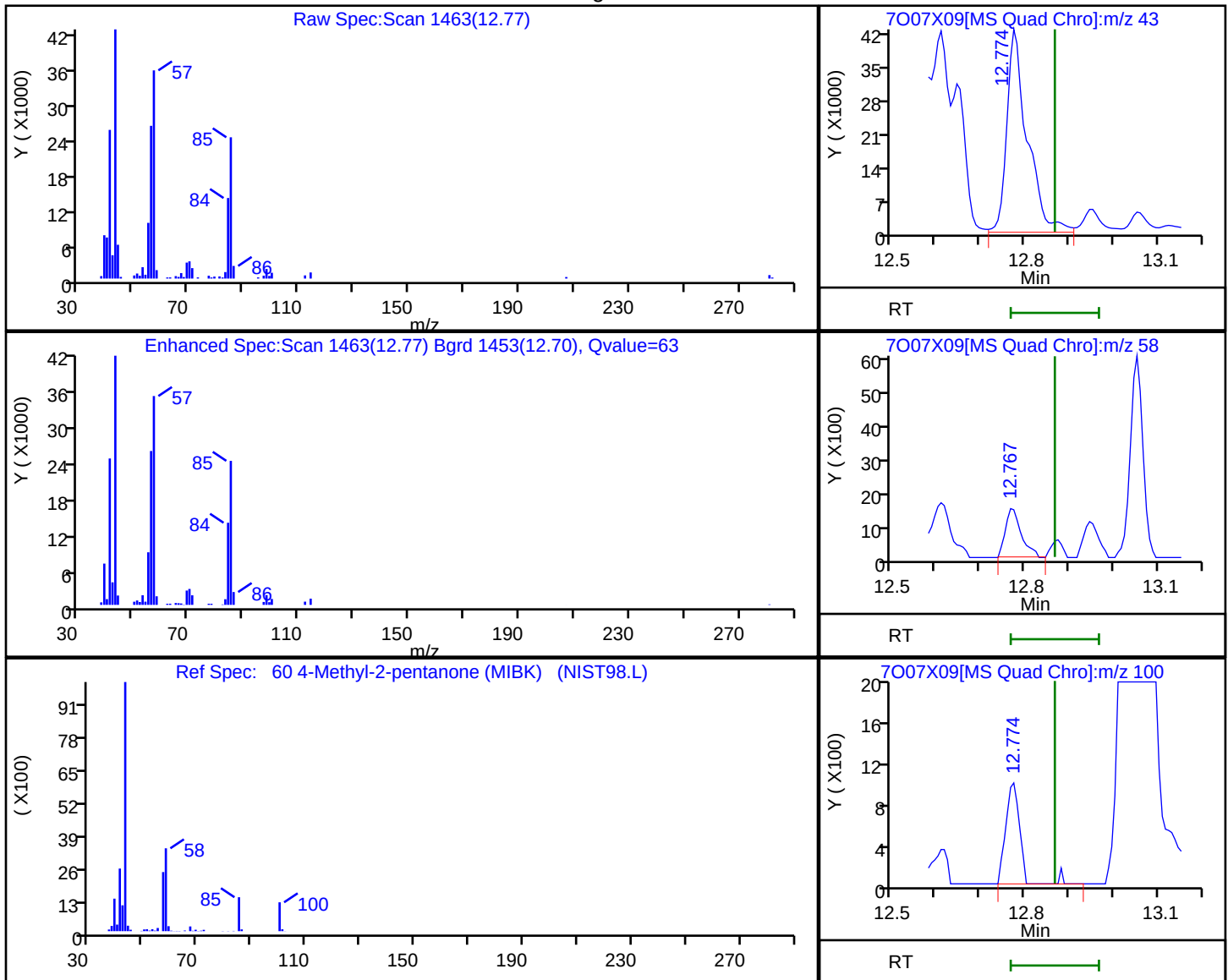
Limit Group: MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
12.77	43.00	133833	1.708072
12.77	58.00	3673	
12.77	100.00	2155	

Reviewer: D7UM, 08-Oct-2025 08:36:49 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X09.D

Injection Date: 07-Oct-2025 18:25:33

Instrument ID: HP8R004

Lims ID: 410-243767-A-1 DU

Client ID:

Operator ID: al109694

ALS Bottle#:

7

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

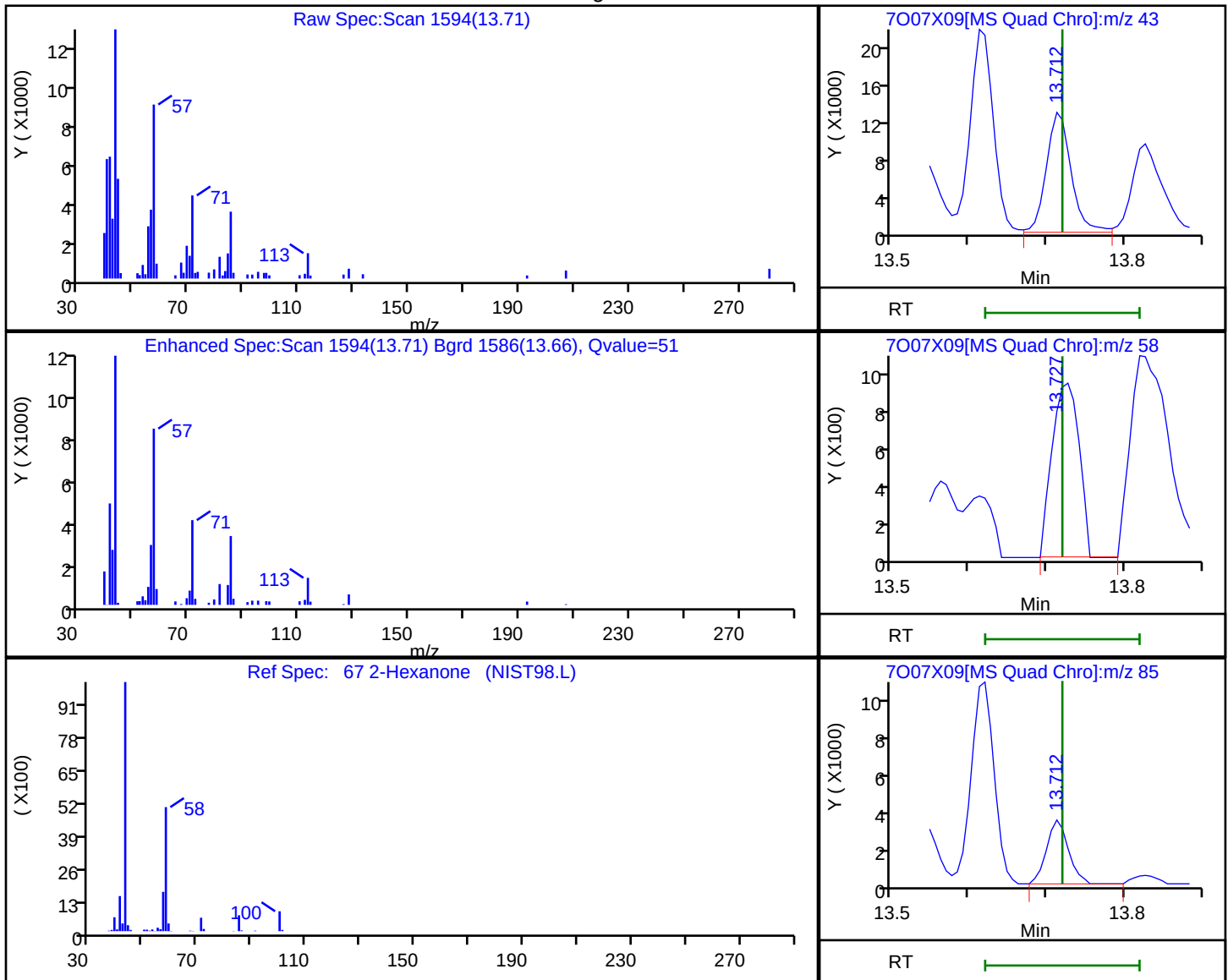
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

67 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
13.71	43.00	26643	0.369510
13.73	58.00	2191	
13.71	85.00	6681	

Reviewer: D7UM, 08-Oct-2025 08:43:10 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X09.D

Injection Date: 07-Oct-2025 18:25:33

Instrument ID: HP8R004

Lims ID: 410-243767-A-1 DU

Client ID:

Operator ID: al109694

ALS Bottle#:

7

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

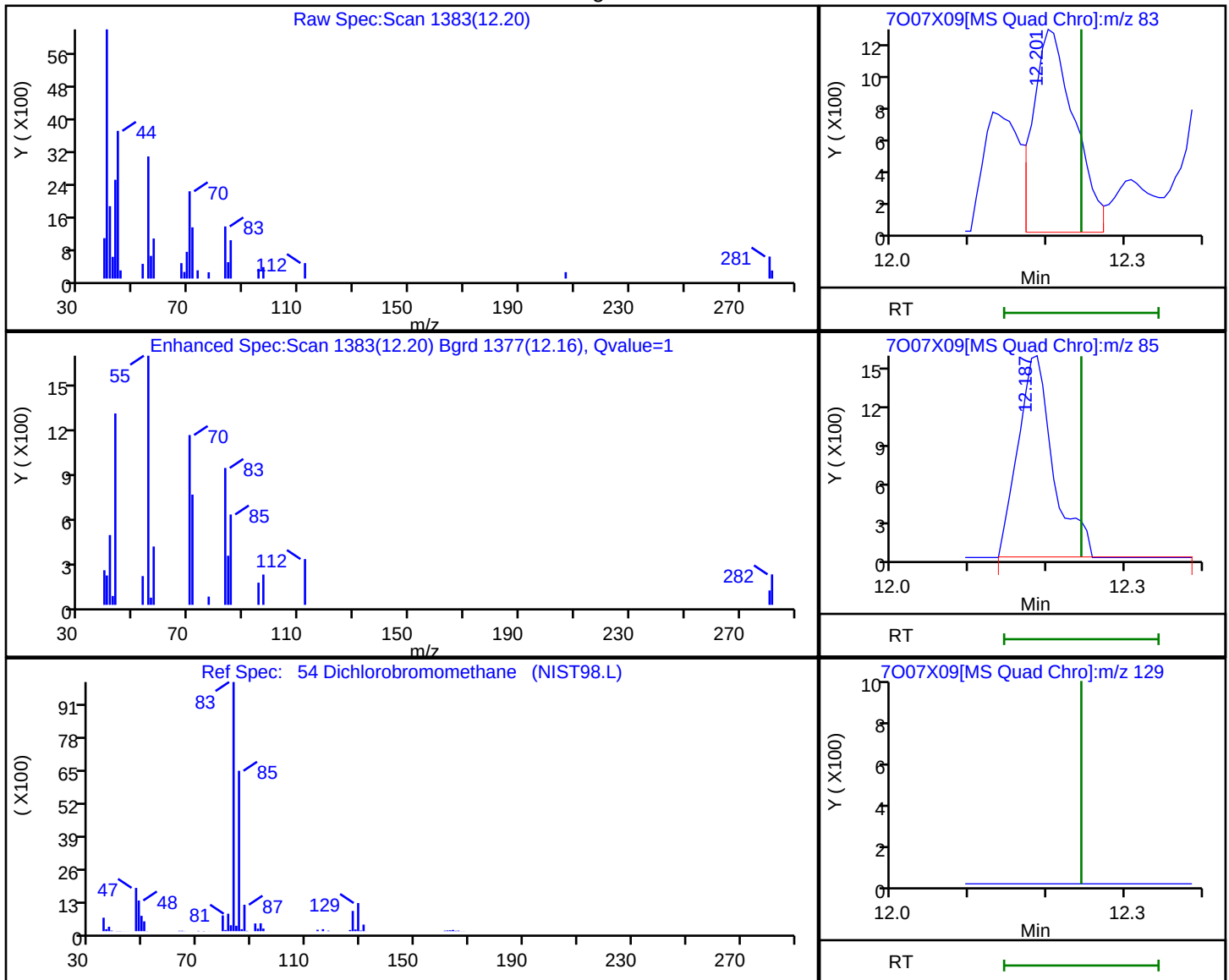
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

54 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
12.20	83.00	4599	0.062033
12.19	85.00	4862	
12.24	129.00	0	

Reviewer: D7UM, 08-Oct-2025 08:36:46 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X09.D

Injection Date: 07-Oct-2025 18:25:33

Instrument ID: HP8R004

Lims ID: 410-243767-A-1 DU

Client ID:

Operator ID: al109694

ALS Bottle#:

7

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

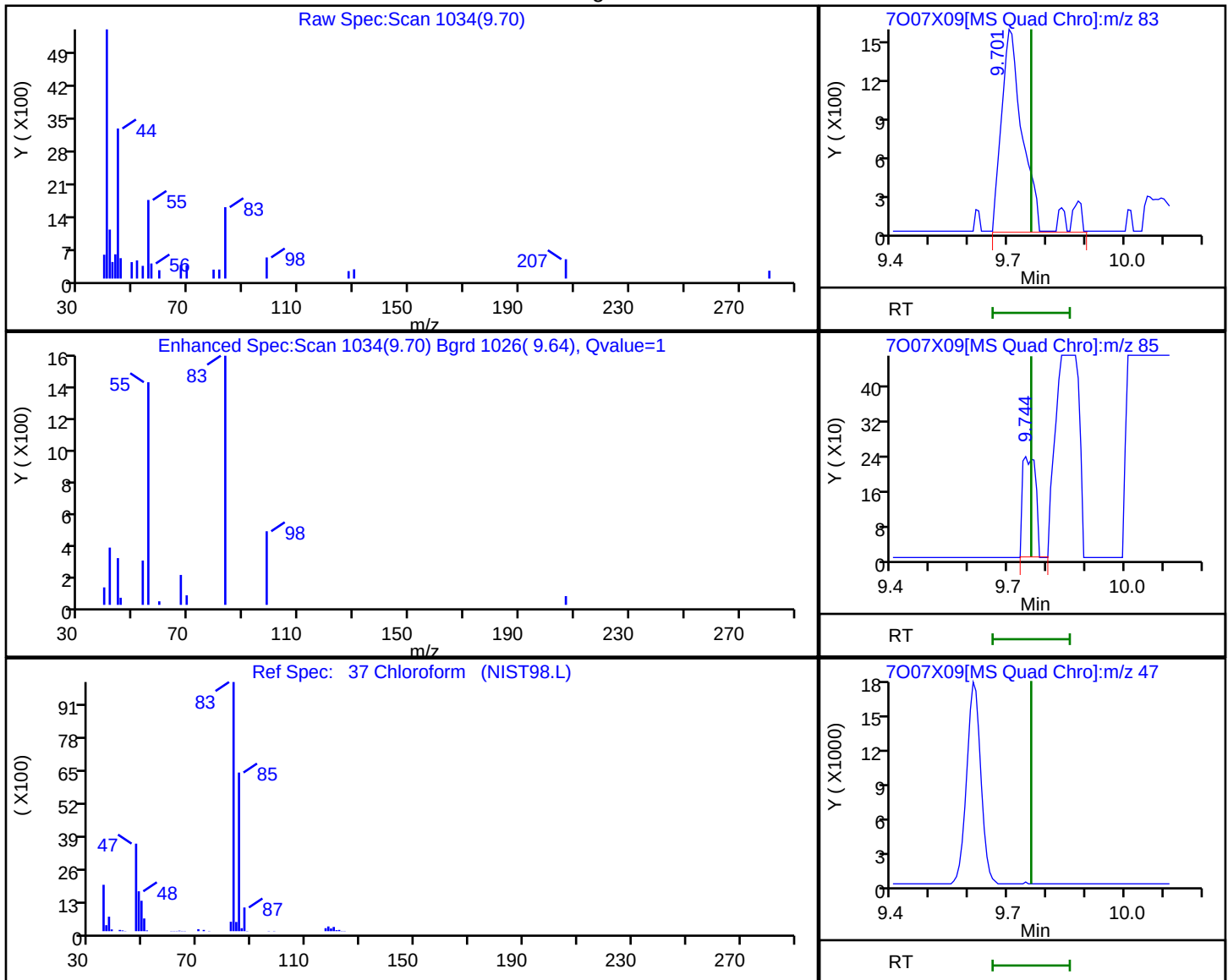
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

37 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
9.70	83.00	6171	0.089415
9.74	85.00	546	
9.76	47.00	0	

Reviewer: D7UM, 08-Oct-2025 08:36:37 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X09.D

Injection Date: 07-Oct-2025 18:25:33

Instrument ID: HP8R004

Lims ID: 410-243767-A-1 DU

Client ID:

Operator ID: al109694

ALS Bottle#:

7

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

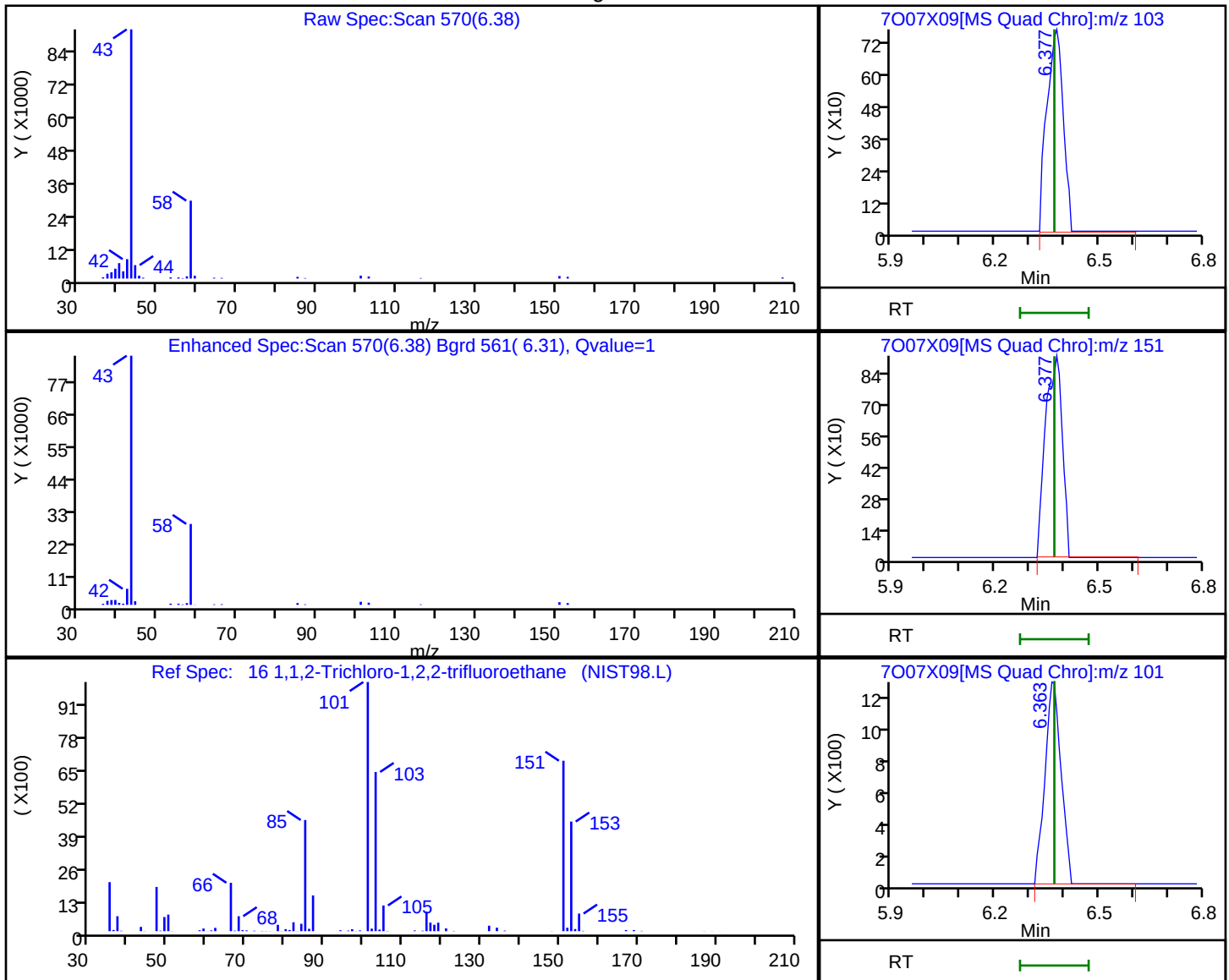
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
6.38	103.00	2509	0.071687
6.38	151.00	3103	
6.36	101.00	4074	

Reviewer: D7UM, 08-Oct-2025 08:36:20 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X09.D

Injection Date: 07-Oct-2025 18:25:33

Instrument ID: HP8R004

Lims ID: 410-243767-A-1 DU

Client ID:

Operator ID: al109694

ALS Bottle#:

7

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

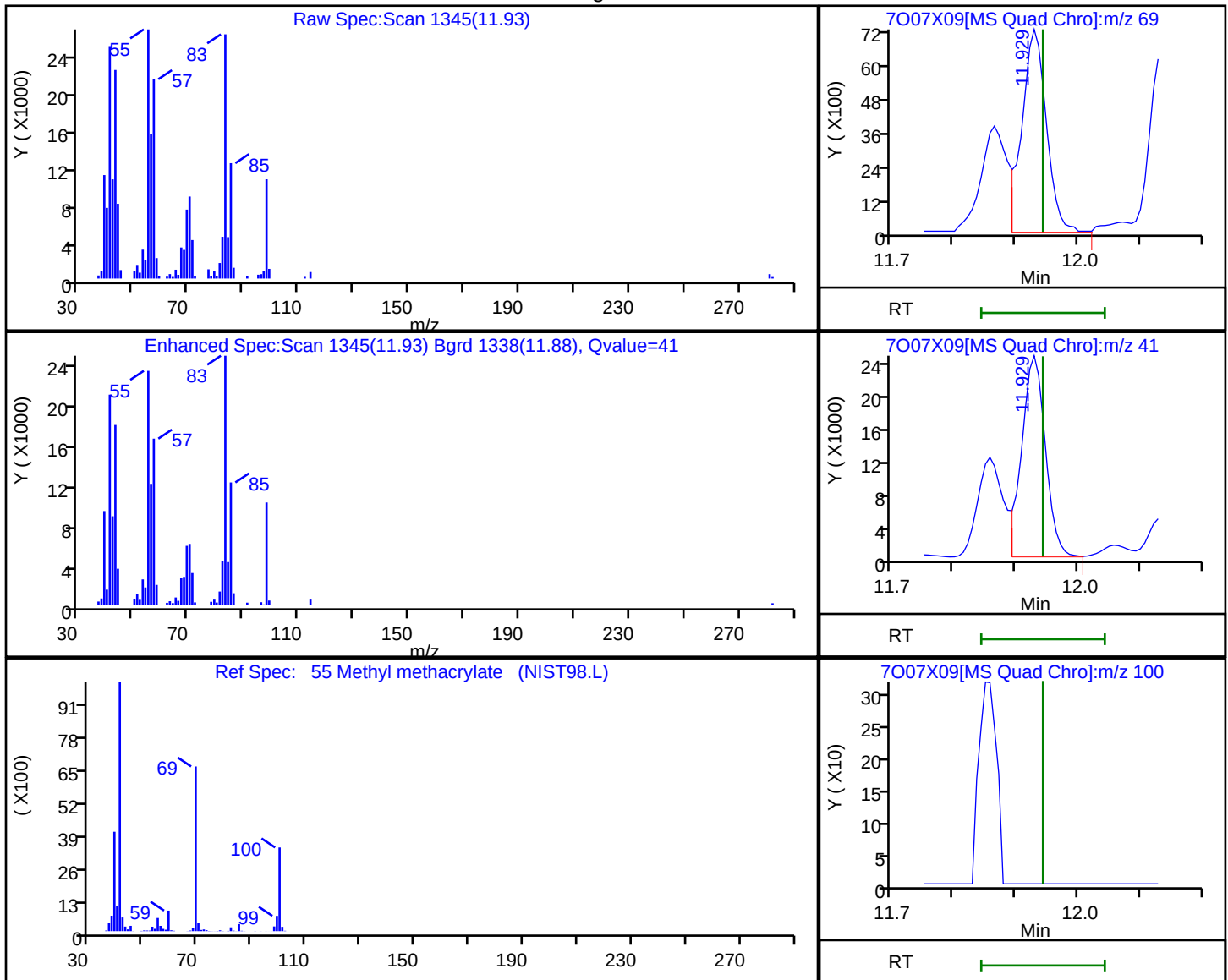
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

55 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
11.93	69.00	19431	0.604702
11.93	41.00	63454	
11.94	100.00	0	

Reviewer: D7UM, 08-Oct-2025 08:36:44 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

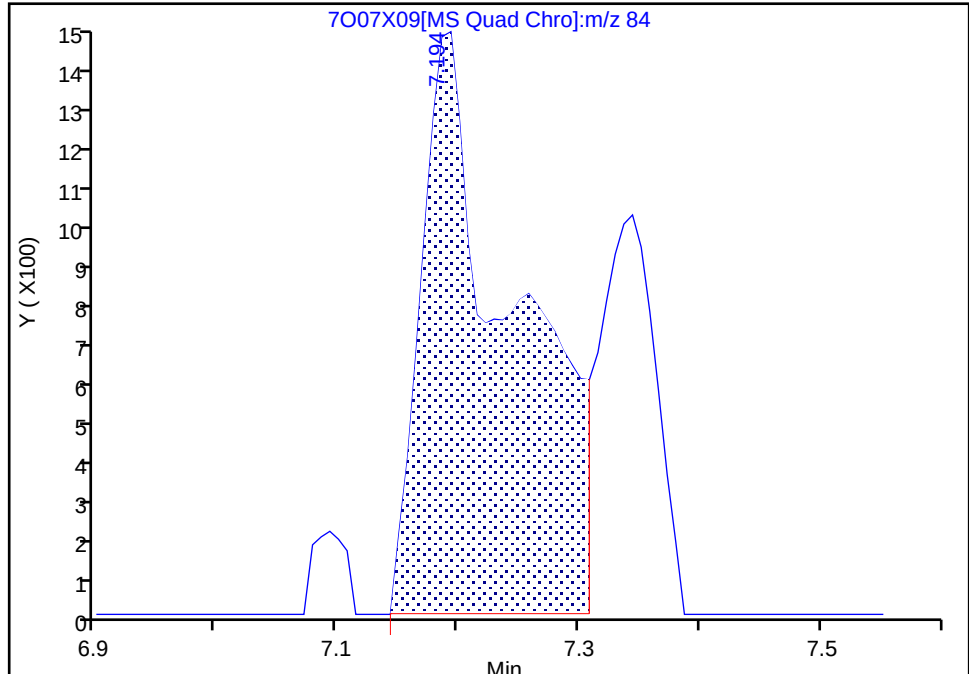
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X09.D
Injection Date: 07-Oct-2025 18:25:33 Instrument ID: HP8R004
Lims ID: 410-243767-A-1 DU
Client ID:
Operator ID: al109694 ALS Bottle#: 7 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

22 Methylene Chloride, CAS: 75-09-2

Signal: 1

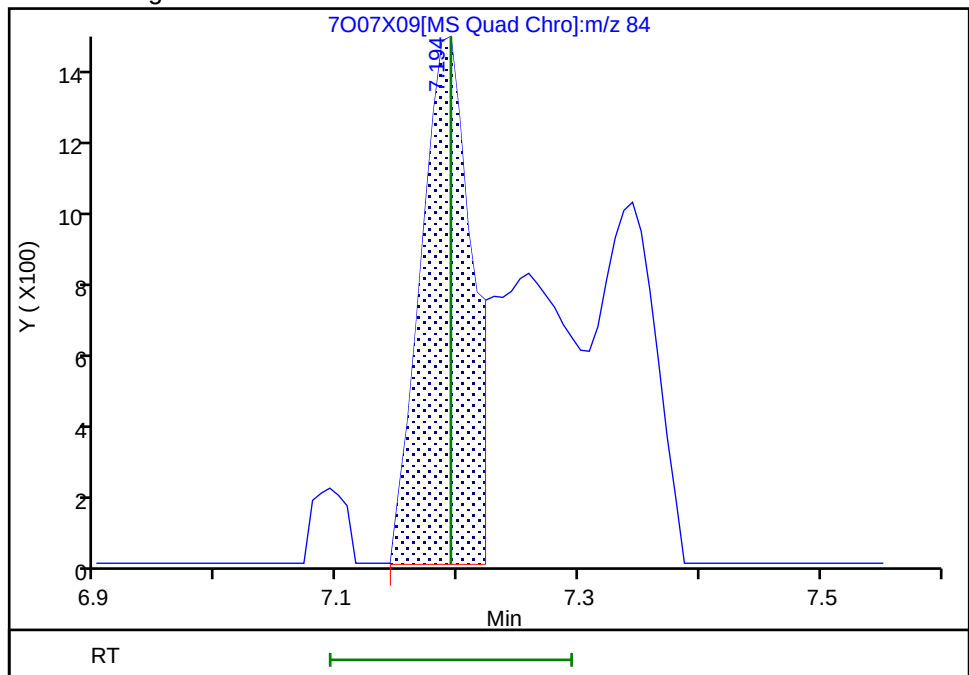
RT: 7.19
Area: 7882
Amount: 0.296555
Amount Units: ppb v/v

Processing Integration Results



RT: 7.19
Area: 4177
Amount: 0.157157
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Oct-2025 08:36:26 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

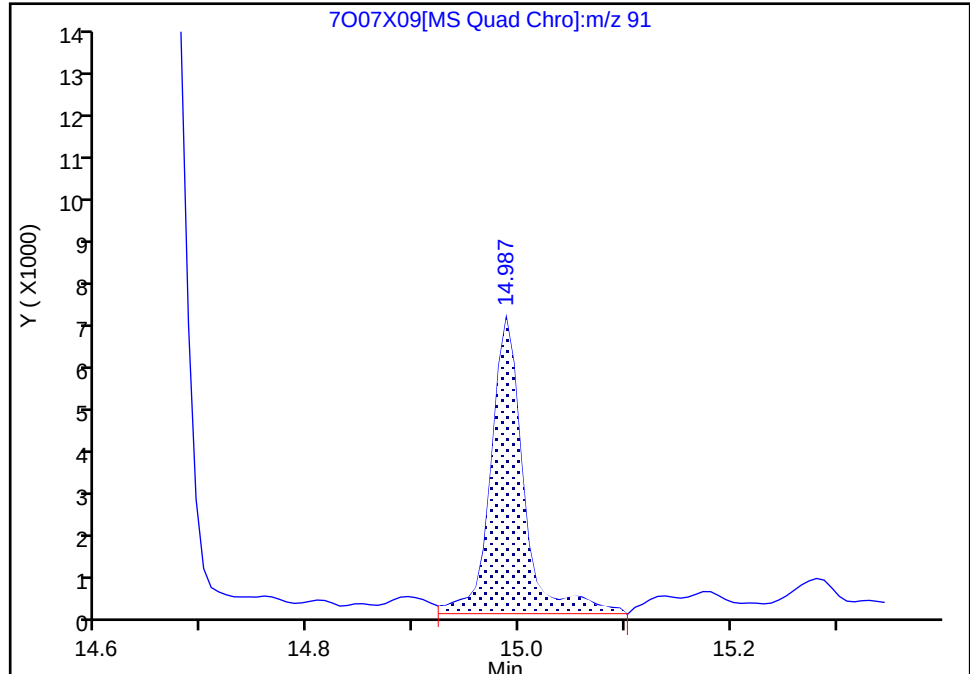
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X09.D
Injection Date: 07-Oct-2025 18:25:33 Instrument ID: HP8R004
Lims ID: 410-243767-A-1 DU
Client ID:
Operator ID: al109694 ALS Bottle#: 7 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

73 o-Xylene, CAS: 95-47-6

Signal: 1

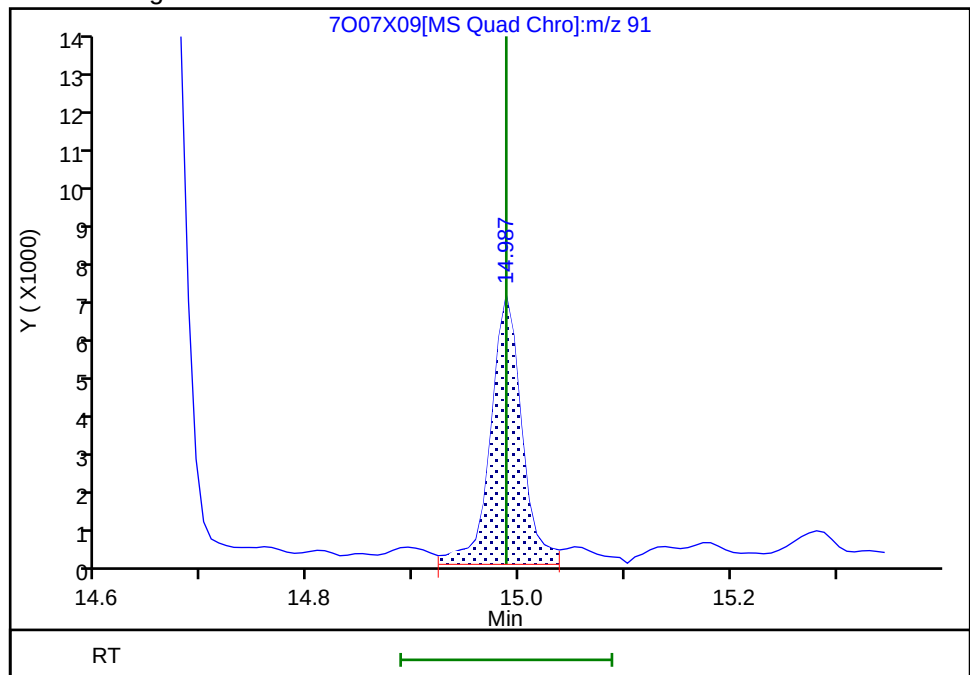
RT: 14.99
Area: 15344
Amount: 0.145541
Amount Units: ppb v/v

Processing Integration Results



RT: 14.99
Area: 14281
Amount: 0.135458
Amount Units: ppb v/v

Manual Integration Results



Reviewer: D7UM, 08-Oct-2025 08:37:09 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X09.D

Injection Date: 07-Oct-2025 18:25:33

Instrument ID: HP8R004

Lims ID: 410-243767-A-1 DU

Client ID:

Operator ID: al109694

ALS Bottle#:

7

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15LLMethods_HP8R004

Limit Group:

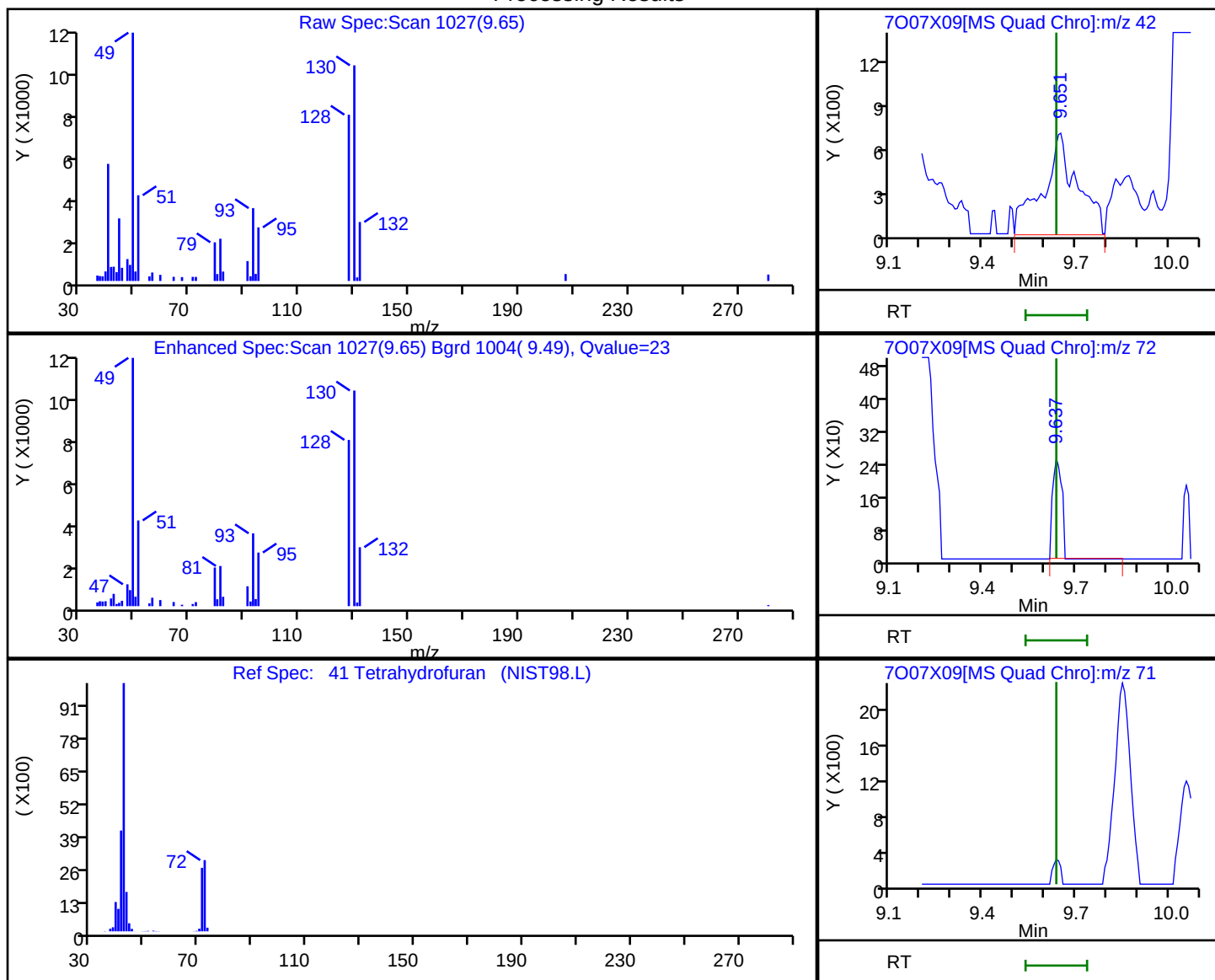
MSV - TO15_LL_NY

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

41 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.65	42.00	5178	0.125570
9.64	72.00	515	
9.64	71.00	0	

Reviewer: D7UM, 08-Oct-2025 08:36:35 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

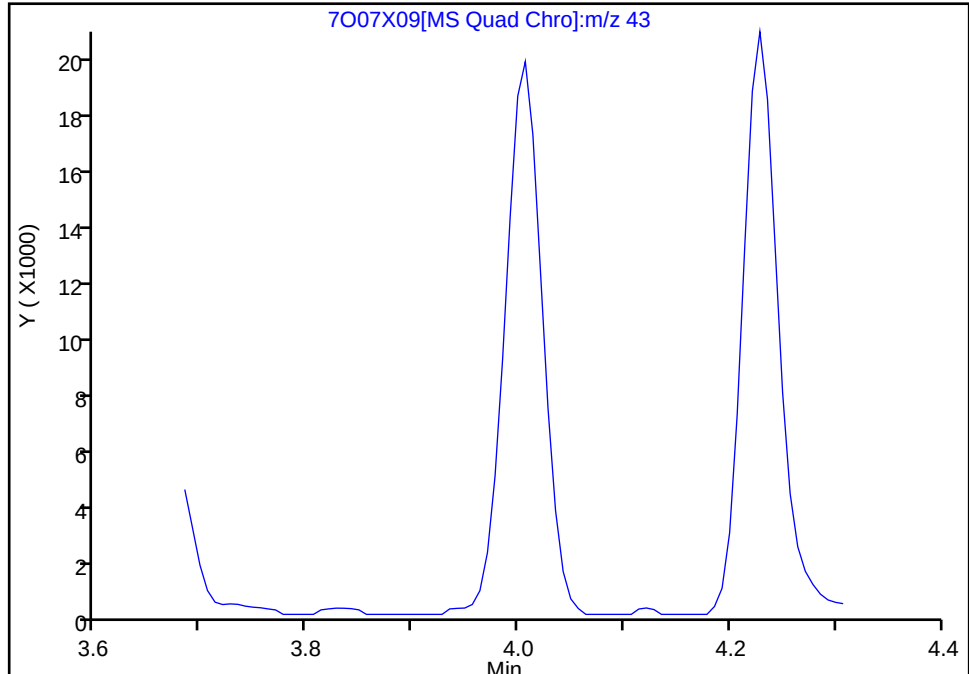
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251007-162271.b\7O07X09.D
Injection Date: 07-Oct-2025 18:25:33 Instrument ID: HP8R004
Lims ID: 410-243767-A-1 DU
Client ID:
Operator ID: al109694 ALS Bottle#: 7 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15LLMethods_HP8R004 Limit Group: MSV - TO15_LL_NY
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

124 Butane, CAS: 106-97-8

Signal: 1

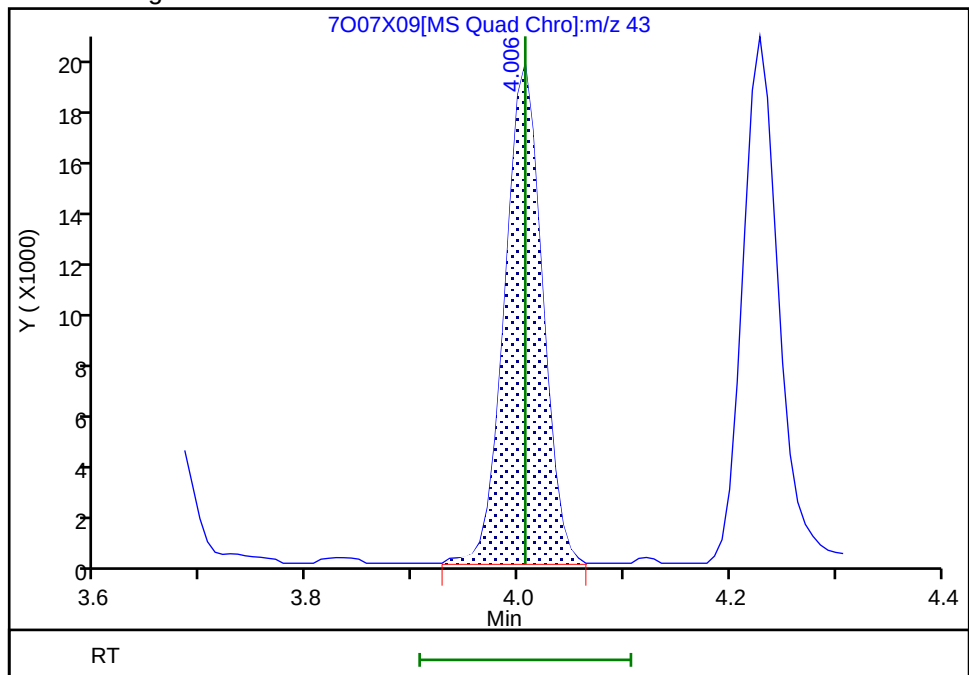
Not Detected
Expected RT: 4.01

Processing Integration Results



Manual Integration Results

RT: 4.01
Area: 47351
Amount: 0.914449
Amount Units: ppb v/v



Reviewer: D7UM, 08-Oct-2025 08:37:41 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 460-336014-1

SDG No.:

Instrument ID: HP8R004

Start Date: 09/07/2025 22:04

Analysis Batch Number: 695447

End Date: 09/08/2025 06:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-695447/1		09/07/2025 22:04	1	7S07T01.D	Rtx-VMS 60m 0.25 (mm)
IC 410-695447/3		09/07/2025 22:59	1	7S07X03.D	Rtx-VMS 60m 0.25 (mm)
IC 410-695447/4		09/07/2025 23:25	1	7S07X04.D	Rtx-VMS 60m 0.25 (mm)
IC 410-695447/5		09/07/2025 23:52	1	7S07X05.D	Rtx-VMS 60m 0.25 (mm)
ZZZZZ (QC)		09/07/2025 23:52	1		Rtx-VMS 60m 0.25 (mm)
IC 410-695447/6		09/08/2025 00:19	1	7S07X06.D	Rtx-VMS 60m 0.25 (mm)
IC 410-695447/7		09/08/2025 00:45	1	7S07X07.D	Rtx-VMS 60m 0.25 (mm)
ICISAV 410-695447/8		09/08/2025 01:12	1	7S07X08.D	Rtx-VMS 60m 0.25 (mm)
CCVIS 410-695447/1008		09/08/2025 01:12	1		Rtx-VMS 60m 0.25 (mm)
IC 410-695447/9		09/08/2025 01:42	1	7S07X09.D	Rtx-VMS 60m 0.25 (mm)
IC 410-695447/10		09/08/2025 02:10	1	7S07X10.D	Rtx-VMS 60m 0.25 (mm)
IC 410-695447/11		09/08/2025 02:41	1	7S07X11.D	Rtx-VMS 60m 0.25 (mm)
ZZZZZ (QC)		09/08/2025 05:09	1		Rtx-VMS 60m 0.25 (mm)
ICV 410-695447/17		09/08/2025 05:37	1	7S07X17.D	Rtx-VMS 60m 0.25 (mm)
ZZZZZ (QC)		09/08/2025 05:37	1		Rtx-VMS 60m 0.25 (mm)
ICV 410-695447/18		09/08/2025 06:05	1	7S07X18.D	Rtx-VMS 60m 0.25 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 460-336014-1

SDG No.:

Instrument ID: HP8R004

Start Date: 10/05/2025 14:24

Analysis Batch Number: 709300

End Date: 10/06/2025 08:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-709300/1		10/05/2025 14:24	1	7005T01.D	Rtx-VMS 60m 0.25 (mm)
CCVIS 410-709300/3		10/05/2025 15:22	1	7005X02.D	Rtx-VMS 60m 0.25 (mm)
LCS 410-709300/4		10/05/2025 16:12	1	7005X03.D	Rtx-VMS 60m 0.25 (mm)
LCS 410-709300/5		10/05/2025 16:40	1	7005X04.D	Rtx-VMS 60m 0.25 (mm)
MB 410-709300/7		10/05/2025 17:40	1	7005X06.D	Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/05/2025 18:38	1		Rtx-VMS 60m 0.25 (mm)
410-245119-A-1 DU		10/05/2025 19:12	1	7005X08.D	Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/06/2025 00:14	4		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/06/2025 00:41	10		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/06/2025 01:08	10		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/06/2025 01:37	4		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/06/2025 02:33	10		Rtx-VMS 60m 0.25 (mm)
460-336014-1	SV-01_20250929	10/06/2025 06:23	1	7005X29.D	Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/06/2025 08:43	1		Rtx-VMS 60m 0.25 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 460-336014-1

SDG No.:

Instrument ID: HP8R004

Start Date: 10/06/2025 11:57

Analysis Batch Number: 709592

End Date: 10/07/2025 11:46

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-709592/1		10/06/2025 11:57	1	7006T01.D	Rtx-VMS 60m 0.25 (mm)
CCVIS 410-709592/3		10/06/2025 12:53	1	7006X02.D	Rtx-VMS 60m 0.25 (mm)
LCS 410-709592/4		10/06/2025 14:42	1	7006X05.D	Rtx-VMS 60m 0.25 (mm)
LCS 410-709592/5		10/06/2025 15:09	1	7006X06.D	Rtx-VMS 60m 0.25 (mm)
MB 410-709592/7		10/06/2025 16:08	1	7006X08.D	Rtx-VMS 60m 0.25 (mm)
460-336014-2	AA-01_20250929	10/06/2025 21:01	1	7006X16.D	Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/06/2025 22:05	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/06/2025 22:40	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/06/2025 23:45	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/07/2025 00:20	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/07/2025 00:55	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/07/2025 01:30	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/07/2025 02:05	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/07/2025 02:40	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/07/2025 03:18	1		Rtx-VMS 60m 0.25 (mm)
460-336011-A-7 DU		10/07/2025 08:16	1	7006X31.D	Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/07/2025 08:42	10		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/07/2025 09:10	4		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/07/2025 09:38	4		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/07/2025 10:08	2		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/07/2025 10:36	10		Rtx-VMS 60m 0.25 (mm)
460-336049-1	SV-03_20250930	10/07/2025 11:10	1	7006X37.D	Rtx-VMS 60m 0.25 (mm)
460-336049-2	SV-04_20250930	10/07/2025 11:46	1	7006X38.D	Rtx-VMS 60m 0.25 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 460-336014-1

SDG No.:

Instrument ID: HP8R004

Start Date: 10/07/2025 13:03

Analysis Batch Number: 710205

End Date: 10/08/2025 11:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-710205/1		10/07/2025 13:03	1	7007T01.D	Rtx-VMS 60m 0.25 (mm)
CCVIS 410-710205/3		10/07/2025 14:05	1	7007X02.D	Rtx-VMS 60m 0.25 (mm)
LCS 410-710205/4		10/07/2025 14:35	1	7007X03.D	Rtx-VMS 60m 0.25 (mm)
LCS 410-710205/5		10/07/2025 15:06	1	7007X04.D	Rtx-VMS 60m 0.25 (mm)
MB 410-710205/7		10/07/2025 16:09	1	7007X06.D	Rtx-VMS 60m 0.25 (mm)
460-336049-2 DL	SV-04_20250930 DL	10/07/2025 17:03	4	7007X07.D	Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/07/2025 17:49	1		Rtx-VMS 60m 0.25 (mm)
410-243767-A-1 DU		10/07/2025 18:25	1	7007X09.D	Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/07/2025 21:57	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/07/2025 22:33	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/07/2025 23:08	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/07/2025 23:44	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/08/2025 00:20	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/08/2025 00:58	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/08/2025 01:34	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/08/2025 02:11	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/08/2025 03:20	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/08/2025 09:27	2		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/08/2025 09:55	4		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/08/2025 10:23	4		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/08/2025 10:53	2		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		10/08/2025 11:28	200		Rtx-VMS 60m 0.25 (mm)

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 460-336014-1

SDG No.: _____

Batch Number: 695447 Batch Start Date: 09/07/25 22:04 Batch Analyst: Nelson, Seth

Batch Method: TO 15 LL Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	AIRBFB100ppb 00096	AIRCAL0.5 00151	AIRCAL10.0 00619	AIRCAL50.0 00191
BFB 410-695447/1		TO 15 LL			200 mL	200 mL	20 mL			
IC 410-695447/3		TO 15 LL			200 mL	200 mL		10 mL		
IC 410-695447/4		TO 15 LL			200 mL	200 mL		20 mL		
IC 410-695447/5		TO 15 LL			200 mL	200 mL		80 mL		
IC 410-695447/6		TO 15 LL			200 mL	200 mL			10 mL	
IC 410-695447/7		TO 15 LL			200 mL	200 mL			20 mL	
ICISAV 410-695447/8		TO 15 LL			200 mL	200 mL			100 mL	
IC 410-695447/9		TO 15 LL			200 mL	200 mL			200 mL	
IC 410-695447/10		TO 15 LL			200 mL	200 mL				100 mL
IC 410-695447/11		TO 15 LL			200 mL	200 mL				200 mL
ICV 410-695447/17		TO 15 LL			200 mL	200 mL				
ICV 410-695447/18		TO 15 LL			200 mL	200 mL				

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	AIRIS200 ppb 00521	AIRLCS10.0 00565	AIRLCS10.0 00567			
BFB 410-695447/1		TO 15 LL								
IC 410-695447/3		TO 15 LL			10 mL					
IC 410-695447/4		TO 15 LL			10 mL					
IC 410-695447/5		TO 15 LL			10 mL					
IC 410-695447/6		TO 15 LL			10 mL					
IC 410-695447/7		TO 15 LL			10 mL					
ICISAV 410-695447/8		TO 15 LL			10 mL					
IC 410-695447/9		TO 15 LL			10 mL					
IC 410-695447/10		TO 15 LL			10 mL					
IC 410-695447/11		TO 15 LL			10 mL					
ICV 410-695447/17		TO 15 LL			10 mL		100 mL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

TO 15 LL

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 460-336014-1

SDG No.: _____

Batch Number: 695447 Batch Start Date: 09/07/25 22:04 Batch Analyst: Nelson, SethBatch Method: TO 15 LL Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	AIRIS200 ppb 00521	AIRLCS10.0 00565	AIRLCS10.0 00567			
ICV 410-695447/18		TO 15 LL			10 mL	100 mL				

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

TO 15 LL

Page 2 of 2

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 460-336014-1

SDG No.: _____

Batch Number: 709300 Batch Start Date: 10/05/25 14:24 Batch Analyst: Nelson, SethBatch Method: TO 15 LL Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	AIRBFB100ppb 00097	AIRCAL10.0 00621	AIRIS200 ppb 00532	AIRLCS10.0 00570
BFB 410-709300/1		TO 15 LL			200 mL	200 mL	20 mL			
CCVIS 410-709300/3		TO 15 LL			200 mL	200 mL		100 mL	10 mL	
LCS 410-709300/4		TO 15 LL			200 mL	200 mL			10 mL	100 mL
LCS 410-709300/5		TO 15 LL			200 mL	200 mL			10 mL	
MB 410-709300/7		TO 15 LL			200 mL	200 mL			10 mL	
410-245119-A-1 DU		TO 15 LL		T	200 mL	200 mL			10 mL	
460-336014-A-1	SV-01_20250929	TO 15 LL	Air	T	200 mL	200 mL			10 mL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	AIRLCS10.0 00572					
BFB 410-709300/1		TO 15 LL								
CCVIS 410-709300/3		TO 15 LL								
LCS 410-709300/4		TO 15 LL								
LCS 410-709300/5		TO 15 LL			100 mL					
MB 410-709300/7		TO 15 LL								
410-245119-A-1 DU		TO 15 LL		T						
460-336014-A-1	SV-01_20250929	TO 15 LL	Air	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

TO 15 LL

Page 1 of 1

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 460-336014-1

SDG No.: _____

Batch Number: 709592 Batch Start Date: 10/06/25 11:57 Batch Analyst: Nelson, SethBatch Method: TO 15 LL Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	AIRBFB100ppb 00097	AIRCAL10.0 00621	AIRIS200 ppb 00532	AIRLCS10.0 00570
BFB 410-709592/1		TO 15 LL			200 mL	200 mL	20 mL			
CCVIS 410-709592/3		TO 15 LL			200 mL	200 mL		100 mL	10 mL	
LCS 410-709592/4		TO 15 LL			200 mL	200 mL			10 mL	100 mL
LCS 410-709592/5		TO 15 LL			200 mL	200 mL			10 mL	
MB 410-709592/7		TO 15 LL			200 mL	200 mL			10 mL	
460-336014-A-2	AA-01_20250929	TO 15 LL	Air	T	200 mL	200 mL			10 mL	
460-336011-A-7 DU		TO 15 LL			200 mL	200 mL			10 mL	
460-336049-A-1	SV-03_20250930	TO 15 LL	Air	T	200 mL	200 mL			10 mL	
460-336049-A-2	SV-04_20250930	TO 15 LL	Air	T	200 mL	200 mL			10 mL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	AIRLCS10.0 00572					
BFB 410-709592/1		TO 15 LL								
CCVIS 410-709592/3		TO 15 LL								
LCS 410-709592/4		TO 15 LL								
LCS 410-709592/5		TO 15 LL			100 mL					
MB 410-709592/7		TO 15 LL								
460-336014-A-2	AA-01_20250929	TO 15 LL	Air	T						
460-336011-A-7 DU		TO 15 LL								
460-336049-A-1	SV-03_20250930	TO 15 LL	Air	T						
460-336049-A-2	SV-04_20250930	TO 15 LL	Air	T						

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

TO 15 LL

Page 1 of 2

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 460-336014-1

SDG No.: _____

Batch Number: 709592 Batch Start Date: 10/06/25 11:57 Batch Analyst: Nelson, SethBatch Method: TO 15 LL Batch End Date: _____

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

TO 15 LL

Page 2 of 2

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 460-336014-1

SDG No.: _____

Batch Number: 710205 Batch Start Date: 10/07/25 13:03 Batch Analyst: Nelson, SethBatch Method: TO 15 LL Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	AIRBFB100ppb 00097	AIRCAL10.0 00621	AIRIS200 ppb 00532	AIRLCS10.0 00570
BFB 410-710205/1		TO 15 LL			200 mL	200 mL	20 mL			
CCVIS 410-710205/3		TO 15 LL			200 mL	200 mL		100 mL	10 mL	
LCS 410-710205/4		TO 15 LL			200 mL	200 mL			10 mL	100 mL
LCS 410-710205/5		TO 15 LL			200 mL	200 mL			10 mL	
MB 410-710205/7		TO 15 LL			200 mL	200 mL			10 mL	
460-336049-A-2	SV-04_20250930	TO 15 LL	Air	T	200 mL	200 mL			10 mL	
410-243767-A-1 DU		TO 15 LL		T	200 mL	200 mL			10 mL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	AIRLCS10.0 00572					
BFB 410-710205/1		TO 15 LL								
CCVIS 410-710205/3		TO 15 LL								
LCS 410-710205/4		TO 15 LL								
LCS 410-710205/5		TO 15 LL			100 mL					
MB 410-710205/7		TO 15 LL								
460-336049-A-2	SV-04_20250930	TO 15 LL	Air	T						
410-243767-A-1 DU		TO 15 LL		T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

TO 15 LL

Page 1 of 1

Summa Canister Dilution Worksheet

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job No.: 460-336014-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initials
460-336014-1	6	-3.38	0.89	5.32	11.37	1.77	10.64		2.00	2.00		10/01/25 15:34	L2TN
460-336014-2	6	-4.11	0.86	5.18	10.57	1.72	10.31		1.99	1.99		10/01/25 15:34	L2TN
460-336049-1	1	-6.29	0.79	0.79	8.45	1.57	1.57		1.99	1.99		10/02/25 10:33	L2TN
460-336049-2	1	-5.61	0.81	0.81	9.13	1.62	1.62		2.00	2.00		10/02/25 10:34	L2TN

Formulae:

Preadjusted Volume (L) = $((\text{Preadjusted Pressure ("Hg)} + 29.92 \text{ "Hg}) * \text{Vol L}) / 29.92 \text{ "Hg}$

Adjusted Volume (L) = $((\text{Adjusted Pressure (psig)} + 14.7 \text{ psig}) * \text{Vol L}) / 14.7 \text{ psig}$

Dilution Factor = $\text{Adjusted Volume (L)} / \text{Preadjusted Volume (L)}$

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg)

14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-243209-1

SDG No.:

Matrix: Air Level: Low

Lab File ID: 7S18X03.D

Lab ID: LCS 410-701420/5

Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	10.0	9.446	94	70-133	
1,1,1-Trichloroethane	10.0	9.676	97	70-130	
1,1,2,2-Tetrachloroethane	10.0	8.356	84	61-130	
1,1,2-Trichloroethane	10.0	8.555	86	70-130	
1,1-Dichloroethane	10.0	9.727	97	70-130	
1,1-Dichloroethene	10.0	10.57	106	70-131	
1,2,3-Trichloropropane	10.0	8.800	88	70-130	
1,2,4-Trichlorobenzene	10.0	9.515	95	52-143	
1,2,4-Trimethylbenzene	10.0	9.068	91	65-146	
1,2-Dibromoethane	10.0	8.595	86	70-130	
1,2-Dibromo-3-Chloropropane	10.0	8.408	84	52-140	
1,2-Dichlorobenzene	10.0	8.064	81	61-139	
1,2-Dichloroethane	10.0	8.724	87	70-131	
1,2-Dichloropropane	10.0	8.024	80	70-130	
1,3,5-Trimethylbenzene	10.0	9.294	93	69-141	
1,2-Dichloroethene (total)	20.0	18.86	94	70-130	
1,3-Butadiene	10.0	9.532	95	70-131	
1,3-Dichlorobenzene	10.0	8.269	83	64-140	
1,4-Dichlorobenzene	10.0	8.365	84	64-137	
2-Butanone	10.0	10.22	102	70-130	
2-Hexanone	10.0	10.01	100	57-141	
1,3-Dichloropropene, Total	20.0	18.80	94	70-130	
3-Chloroprene	10.0	10.16	102	70-137	
4-Ethyltoluene	10.0	9.922	99	69-139	
4-Methyl-2-pentanone	10.0	9.788	98	68-133	
Acetone	10.0	8.849	88	70-137	
Benzene	10.0	8.894	89	70-130	
Bromobenzene	10.0	8.839	88	70-130	
Bromodichloromethane	10.0	8.464	85	70-130	
Bromoform	10.0	9.268	93	60-139	
Bromomethane	10.0	9.705	97	70-140	
Carbon disulfide	10.0	8.022	80	70-130	
Carbon tetrachloride	10.0	10.19	102	70-130	
Chlorobenzene	10.0	8.605	86	70-130	
Chlorodifluoromethane	10.0	11.16	112	70-132	
Chloroethane	10.0	9.331	93	70-131	
Chloroform	10.0	9.169	92	70-130	
Chloromethane	10.0	9.879	99	64-138	
cis-1,2-Dichloroethene	10.0	9.552	96	70-130	
cis-1,3-Dichloropropene	10.0	8.747	87	70-130	
Bromoethene	10.0	10.43	104	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-243209-1

SDG No.:

Matrix: Air Level: Low

Lab File ID: 7S18X03.D

Lab ID: LCS 410-701420/5

Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Cumene	10.0	9.855	99	70-137	
Dibromochloromethane	10.0	8.992	90	70-130	
Dibromomethane	10.0	8.301	83	70-130	
Dichlorodifluoromethane	10.0	9.955	100	70-131	
Dichlorofluoromethane	10.0	9.834	98	70-136	
Ethylbenzene	10.0	9.233	92	70-130	
Freon 113	10.0	10.92	109	70-130	
Freon-114	10.0	10.93	109	70-130	
Heptane	10.0	9.745	97	70-130	
Hexachloroethane	10.0	7.903	79	20-163	
Hexane	10.0	8.759	88	61-130	
Isooctane	10.0	9.914	99	70-130	
m&p-Xylene	10.0	10.03	100	70-130	
Methyl t-butyl ether	10.0	11.06	111	70-130	
Methylene Chloride	10.0	9.590	96	70-130	
o-Xylene	10.0	9.591	96	70-130	
Octane	10.0	9.002	90	64-130	
Pentane	10.0	9.248	92	58-130	
Styrene	10.0	9.688	97	70-133	
Tetrachloroethene	10.0	8.926	89	70-140	
Toluene	10.0	8.740	87	70-130	
trans-1,2-Dichloroethene	10.0	9.309	93	70-130	
trans-1,3-Dichloropropene	10.0	10.05	101	70-130	
Trichloroethene	10.0	8.625	86	70-130	
Trichlorofluoromethane	10.0	9.687	97	70-130	
Vinyl chloride	10.0	10.95	110	70-135	
Isopropanol	10.0	8.693	87	62-135	
Naphthalene	11.6	10.12	87	22-139	
Xylenes, Total	20.0	19.62	98	70-130	
Methyl acrylate	10.0	9.767	98	70-137	
Tetrahydrofuran	10.0	9.070	91	54-143	
Ethyl acetate	10.0	9.549	95	70-130	
Methyl methacrylate	10.0	9.620	96	70-130	
tert-Butyl alcohol	11.1	12.44	112	50-130	
Benzyl chloride	10.0	8.440	84	57-142	
Hexachlorobutadiene	10.0	7.809	78	40-157	
n-Butylbenzene	10.0	8.512	85	57-143	
2-Chlorotoluene	10.0	9.102	91	70-130	
Acetonitrile	10.0	10.97	110	59-143	
Propene	10.0	9.323	93	58-130	
1,4-Dioxane	10.0	10.51	105	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243209-1
Environment Testing, LLC

SDG No.: _____

Matrix: Air Level: Low Lab File ID: 7S18X03.D

Lab ID: LCS 410-701420/5 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Iodomethane	10.0	10.93	109	70-130	
Acrylonitrile	10.0	9.464	95	70-138	
Alpha Methyl Styrene	10.0	9.781	98	56-144	
Ethyl methacrylate	10.0	10.86	109	67-130	
sec-Butylbenzene	10.0	9.432	94	66-141	
N-Propylbenzene	10.0	9.919	99	70-130	
Ethyl tert-butyl ether	10.0	11.11	111	64-131	
di-Isopropyl ether	10.0	10.31	103	70-130	
Cyclohexane	10.0	9.970	100	61-130	
Acrolein	11.3	11.66	103	70-135	
Ethanol	10.0	12.35	123	62-150	
p-Isopropyltoluene	10.0	8.806	88	60-148	
Ethyl acrylate	10.0	10.36	104	70-130	
Tert-amyl methyl ether	10.0	10.27	103	70-130	
Vinyl acetate	10.0	11.03	110	70-137	
tert-Butylbenzene	10.0	9.325	93	63-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-243209-1

SDG No.:

Matrix: Air Level: Low

Lab File ID: 7S18X04.D

Lab ID: LCSD 410-701420/6

Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCSD CONCENTRATION (ppb v/v)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1,2-Tetrachloroethane	10.0	9.436	94	0	25	70-133	
1,1,1-Trichloroethane	10.0	9.620	96	1	25	70-130	
1,1,2,2-Tetrachloroethane	10.0	8.326	83	0	25	61-130	
1,1,2-Trichloroethane	10.0	8.635	86	1	25	70-130	
1,1-Dichloroethane	10.0	9.682	97	0	25	70-130	
1,1-Dichloroethene	10.0	10.52	105	1	25	70-131	
1,2,3-Trichloropropane	10.0	8.737	87	1	25	70-130	
1,2,4-Trichlorobenzene	10.0	9.614	96	1	25	52-143	
1,2,4-Trimethylbenzene	10.0	9.039	90	0	25	65-146	
1,2-Dibromoethane	10.0	8.625	86	0	25	70-130	
1,2-Dibromo-3-Chloropropane	10.0	8.471	85	1	25	52-140	
1,2-Dichlorobenzene	10.0	7.977	80	1	25	61-139	
1,2-Dichloroethane	10.0	8.688	87	0	25	70-131	
1,2-Dichloropropane	10.0	7.975	80	1	25	70-130	
1,3,5-Trimethylbenzene	10.0	9.221	92	1	25	69-141	
1,2-Dichloroethene (total)	20.0	18.71	94	1	25	70-130	
1,3-Butadiene	10.0	9.755	98	2	25	70-131	
1,3-Dichlorobenzene	10.0	8.238	82	0	25	64-140	
1,4-Dichlorobenzene	10.0	8.277	83	1	25	64-137	
2-Butanone	10.0	10.31	103	1	25	70-130	
2-Hexanone	10.0	10.12	101	1	25	57-141	
1,3-Dichloropropene, Total	20.0	18.69	93	1	25	70-130	
3-Chloroprene	10.0	10.12	101	0	25	70-137	
4-Ethyltoluene	10.0	9.934	99	0	25	69-139	
4-Methyl-2-pentanone	10.0	9.823	98	0	25	68-133	
Acetone	10.0	8.825	88	0	25	70-137	
Benzene	10.0	8.889	89	0	25	70-130	
Bromobenzene	10.0	8.767	88	1	25	70-130	
Bromodichloromethane	10.0	8.451	85	0	25	70-130	
Bromoform	10.0	9.131	91	1	25	60-139	
Bromomethane	10.0	9.680	97	0	25	70-140	
Carbon disulfide	10.0	8.030	80	0	25	70-130	
Carbon tetrachloride	10.0	10.09	101	1	25	70-130	
Chlorobenzene	10.0	8.605	86	0	25	70-130	
Chlorodifluoromethane	10.0	11.11	111	0	25	70-132	
Chloroethane	10.0	9.251	93	1	25	70-131	
Chloroform	10.0	9.205	92	0	25	70-130	
Chloromethane	10.0	9.895	99	0	25	64-138	
cis-1,2-Dichloroethene	10.0	9.547	95	0	25	70-130	
cis-1,3-Dichloropropene	10.0	8.630	86	1	25	70-130	
Bromoethene	10.0	10.40	104	0	25	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-243209-1

SDG No.:

Matrix: Air Level: Low

Lab File ID: 7S18X04.D

Lab ID: LCSD 410-701420/6

Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCSD CONCENTRATION (ppb v/v)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Cumene	10.0	9.869	99	0	25	70-137	
Dibromochloromethane	10.0	8.944	89	1	25	70-130	
Dibromomethane	10.0	8.225	82	1	25	70-130	
Dichlorodifluoromethane	10.0	9.819	98	1	25	70-131	
Dichlorofluoromethane	10.0	9.803	98	0	25	70-136	
Ethylbenzene	10.0	9.127	91	1	25	70-130	
Freon 113	10.0	10.81	108	1	25	70-130	
Freon-114	10.0	10.89	109	0	25	70-130	
Heptane	10.0	9.746	97	0	25	70-130	
Hexachloroethane	10.0	7.782	78	2	25	20-163	
Hexane	10.0	8.816	88	1	25	61-130	
Isooctane	10.0	9.864	99	1	25	70-130	
m&p-Xylene	10.0	10.03	100	0	25	70-130	
Methyl t-butyl ether	10.0	10.99	110	1	25	70-130	
Methylene Chloride	10.0	9.502	95	1	25	70-130	
o-Xylene	10.0	9.617	96	0	25	70-130	
Octane	10.0	9.011	90	0	25	64-130	
Pentane	10.0	9.236	92	0	25	58-130	
Styrene	10.0	9.743	97	1	25	70-133	
Tetrachloroethene	10.0	8.952	90	0	25	70-140	
Toluene	10.0	8.694	87	1	25	70-130	
trans-1,2-Dichloroethene	10.0	9.158	92	2	25	70-130	
trans-1,3-Dichloropropene	10.0	10.06	101	0	25	70-130	
Trichloroethene	10.0	8.602	86	0	25	70-130	
Trichlorofluoromethane	10.0	9.723	97	0	25	70-130	
Vinyl chloride	10.0	10.86	109	1	25	70-135	
Isopropanol	10.0	9.070	91	4	25	62-135	
Naphthalene	11.6	10.25	88	1	25	22-139	
Xylenes, Total	20.0	19.65	98	0	25	70-130	
Methyl acrylate	10.0	9.778	98	0	25	70-137	
Tetrahydrofuran	10.0	9.138	91	1	25	54-143	
Ethyl acetate	10.0	9.494	95	1	25	70-130	
Methyl methacrylate	10.0	9.414	94	2	25	70-130	
tert-Butyl alcohol	11.1	12.40	112	0	25	50-130	
Benzyl chloride	10.0	8.558	86	1	25	57-142	
Hexachlorobutadiene	10.0	7.911	79	1	25	40-157	
n-Butylbenzene	10.0	8.445	84	1	25	57-143	
2-Chlorotoluene	10.0	9.072	91	0	25	70-130	
Acetonitrile	10.0	10.89	109	1	25	59-143	
Propene	10.0	9.279	93	0	25	58-130	
1,4-Dioxane	10.0	10.64	106	1	25	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243209-1
Environment Testing, LLC

SDG No.: _____

Matrix: Air Level: Low Lab File ID: 7S18X04.D

Lab ID: LCSD 410-701420/6 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCSD CONCENTRATION (ppb v/v)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Iodomethane	10.0	10.96	110	0	25	70-130	
Acrylonitrile	10.0	9.365	94	1	25	70-138	
Alpha Methyl Styrene	10.0	9.693	97	1	25	56-144	
Ethyl methacrylate	10.0	10.94	109	1	25	67-130	
sec-Butylbenzene	10.0	9.388	94	0	25	66-141	
N-Propylbenzene	10.0	9.751	98	2	25	70-130	
Ethyl tert-butyl ether	10.0	11.02	110	1	25	64-131	
di-Isopropyl ether	10.0	10.27	103	0	25	70-130	
Cyclohexane	10.0	9.901	99	1	25	61-130	
Acrolein	11.3	11.51	102	1	25	70-135	
Ethanol	10.0	12.12	121	2	25	62-150	
p-Isopropyltoluene	10.0	8.849	88	0	25	60-148	
Ethyl acrylate	10.0	10.32	103	0	25	70-130	
Tert-amyl methyl ether	10.0	10.18	102	1	25	70-130	
Vinyl acetate	10.0	11.07	111	0	25	70-137	
tert-Butylbenzene	10.0	9.353	94	0	25	63-130	

Column to be used to flag recovery and RPD values

FORM IV

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-243209-1

SDG No.:

Lab File ID: 7S18X09.D

Lab Sample ID: MB 410-701420/12

Matrix: Air

Heated Purge: (Y/N) N

Instrument ID: HP8R004

Date Analyzed: 09/18/2025 21:31

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 410-701420/5	7S18X03.D	09/18/2025 18:59
	LCSD 410-701420/6	7S18X04.D	09/18/2025 19:29
1807	410-243209-1	7S18X10.D	09/18/2025 22:02

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-243209-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 410-701420/12

Matrix: Air

Lab File ID: 7S18X09.D

Analysis Method: TO-15

Date Collected:

Sample wt/vol: 200 (mL)

Date Analyzed: 09/18/2025 21:31

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume:

Heated Purge: (Y/N) pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 701420

Units: ppb v/v

Preparation Batch No.:

Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	ND		5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-243209-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 410-701420/12

Matrix: Air

Lab File ID: 7S18X09.D

Analysis Method: TO-15

Date Collected:

Sample wt/vol: 200 (mL)

Date Analyzed: 09/18/2025 21:31

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume:

Heated Purge: (Y/N) pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 701420

Units: ppb v/v

Preparation Batch No.:

Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-243209-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 410-701420/12

Matrix: Air

Lab File ID: 7S18X09.D

Analysis Method: TO-15

Date Collected:

Sample wt/vol: 200 (mL)

Date Analyzed: 09/18/2025 21:31

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume:

Heated Purge: (Y/N) pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 701420

Units: ppb v/v

Preparation Batch No.:

Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I

Job No.: 410-243209-1

Client Sample ID:

Lab Sample ID: MB 410-701420/12

Lab File ID: 7S18X09.D

Date Collected:

Date Analyzed: 09/18/2025 21:31

Dilution Factor: 1

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Heated Purge: (Y/N) pH:

Level: (low/med) Low

Units: ppb v/v

Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250918-160224.b\7S18X09.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 18-Sep-2025 21:31:42 ALS Bottle#: 3 Worklist Smp#: 12
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 410-0160224-012
 Operator ID: ans117803 Instrument ID: HP8R004
 Method: \\chromfs\Lancaster\ChromData\HP8R004\20250918-160224.b\TO15_HP8R004.m
 Limit Group: MSV - TO15
 Last Update: 23-Sep-2025 08:35:03 Calib Date: 19-Sep-2025 09:55:02
 Integrator: Falcon ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250918-160224.b\7S18X25.D
 Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
 Process Host: CTX1722

First Level Reviewer: ZM3Q

Date: 19-Sep-2025 09:40:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
23 Acetone	43	6.392	6.377	0.015	96	18209		0.3294	M
17 Carbon disulfide	76	6.757	6.757	0.000	92	9720		0.0913	
* 35 Chlorobromomethane (IS)	130	9.615	9.615	0.000	91	347696	10.0	10.0	
\$ 104 1,2-Dichloroethane-d4 (Surr)	65	10.539	10.539	0.000	0	554468	10.0	9.97	
* 50 1,4-Difluorobenzene	114	11.220	11.220	0.000	96	1312854	10.0	10.0	
\$ 103 Toluene-d8 (Surr)	98	13.054	13.061	-0.007	95	1419885	10.0	9.99	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.465	0.000	90	1201954	10.0	10.0	
\$ 110 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

AIRIS200 ppb_00528

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 24-Sep-2025 07:52:20

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250918-160224.b\7S18X09.D

Injection Date: 18-Sep-2025 21:31:42

Instrument ID: HP8R004

Lims ID: MB

Client ID:

Operator ID: ans117803

ALS Bottle#: 3

Worklist Smp#: 12

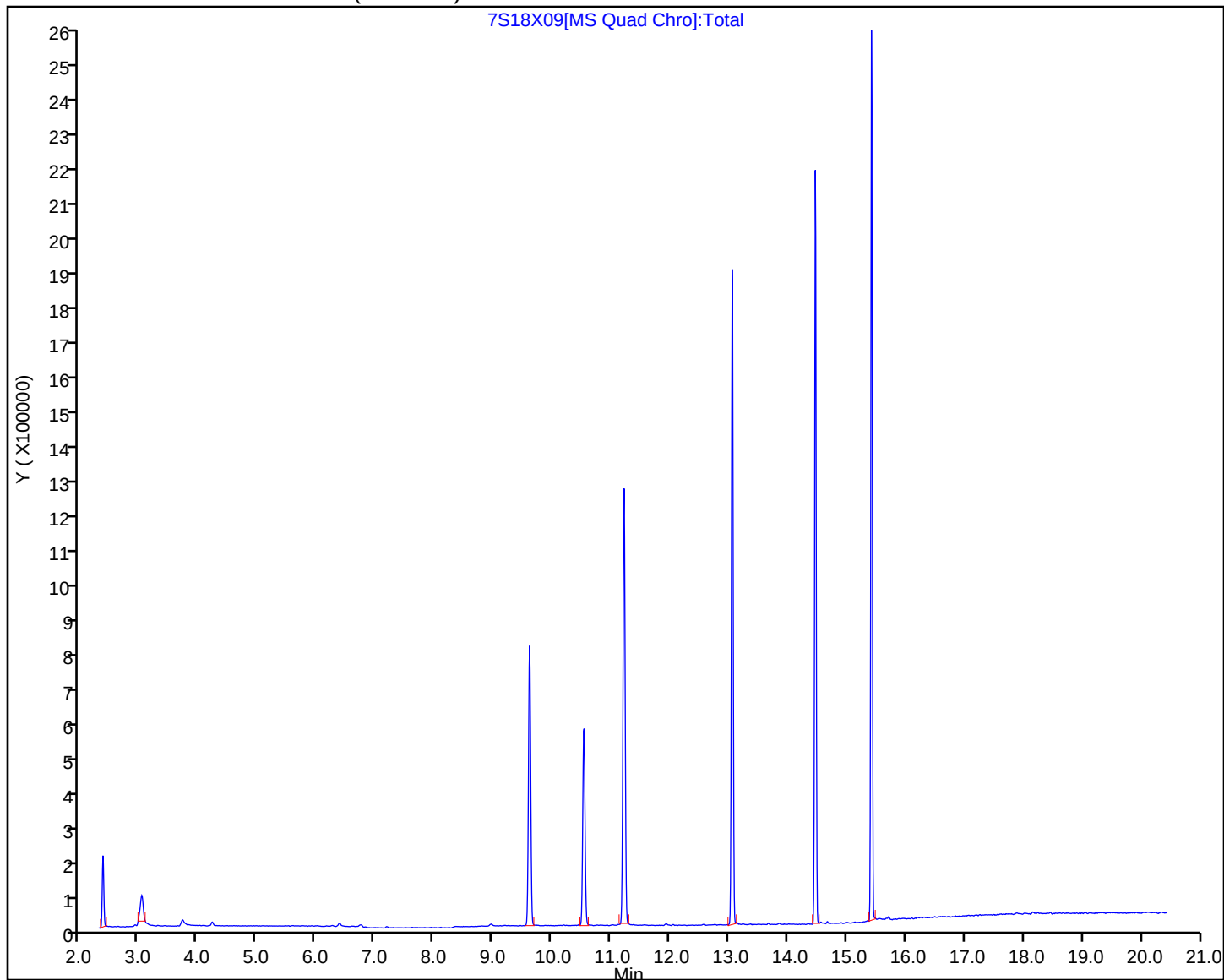
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_HP8R004

Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

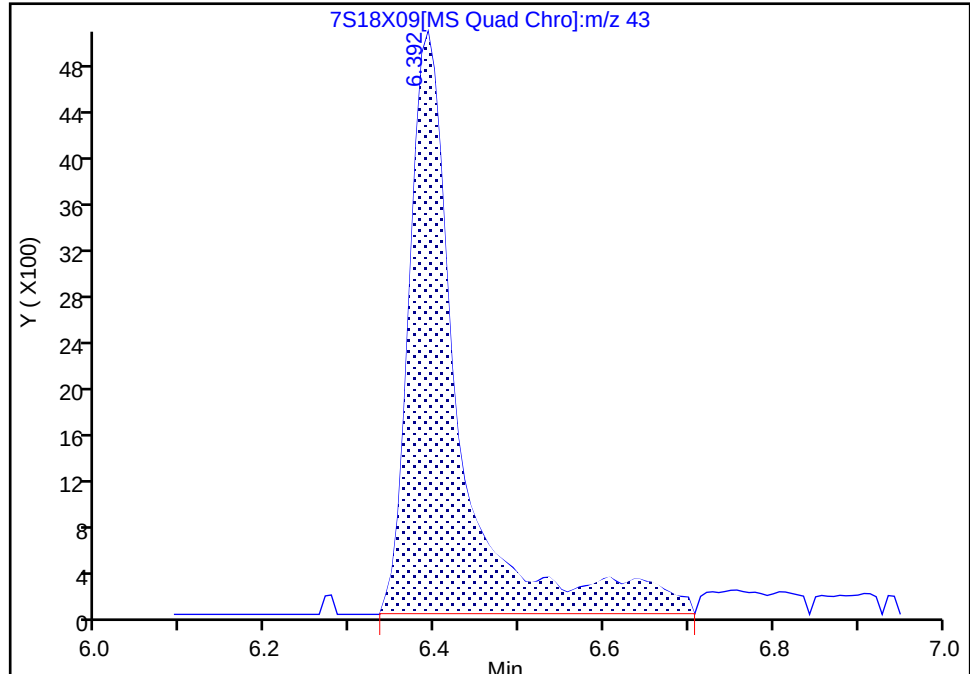
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250918-160224.b\7S18X09.D
Injection Date: 18-Sep-2025 21:31:42 Instrument ID: HP8R004
Lims ID: MB
Client ID:
Operator ID: ans117803 ALS Bottle#: 3 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_HP8R004 Limit Group: MSV - TO15
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

23 Acetone, CAS: 67-64-1

Signal: 1

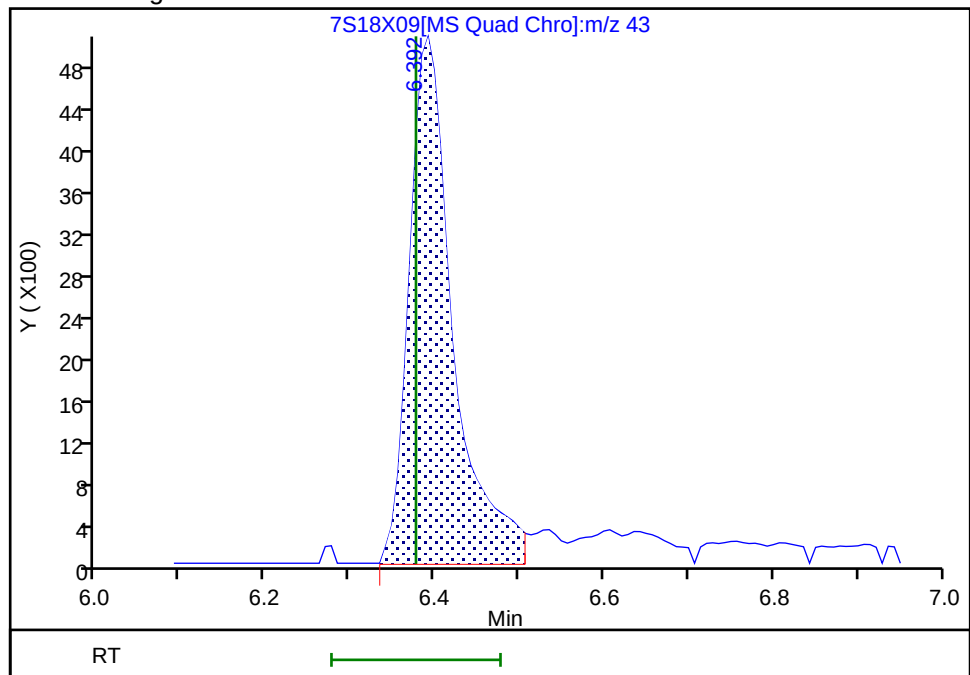
RT: 6.39
Area: 21234
Amount: 0.384144
Amount Units: ppb v/v

Processing Integration Results



RT: 6.39
Area: 18209
Amount: 0.329419
Amount Units: ppb v/v

Manual Integration Results



Reviewer: ZM3Q, 19-Sep-2025 09:29:36 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250918-160224.b\7S18X09.D

Injection Date: 18-Sep-2025 21:31:42

Instrument ID: HP8R004

Lims ID: MB

Client ID:

Operator ID: ans117803

ALS Bottle#:

3

Worklist Smp#: 12

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15_HP8R004

Limit Group:

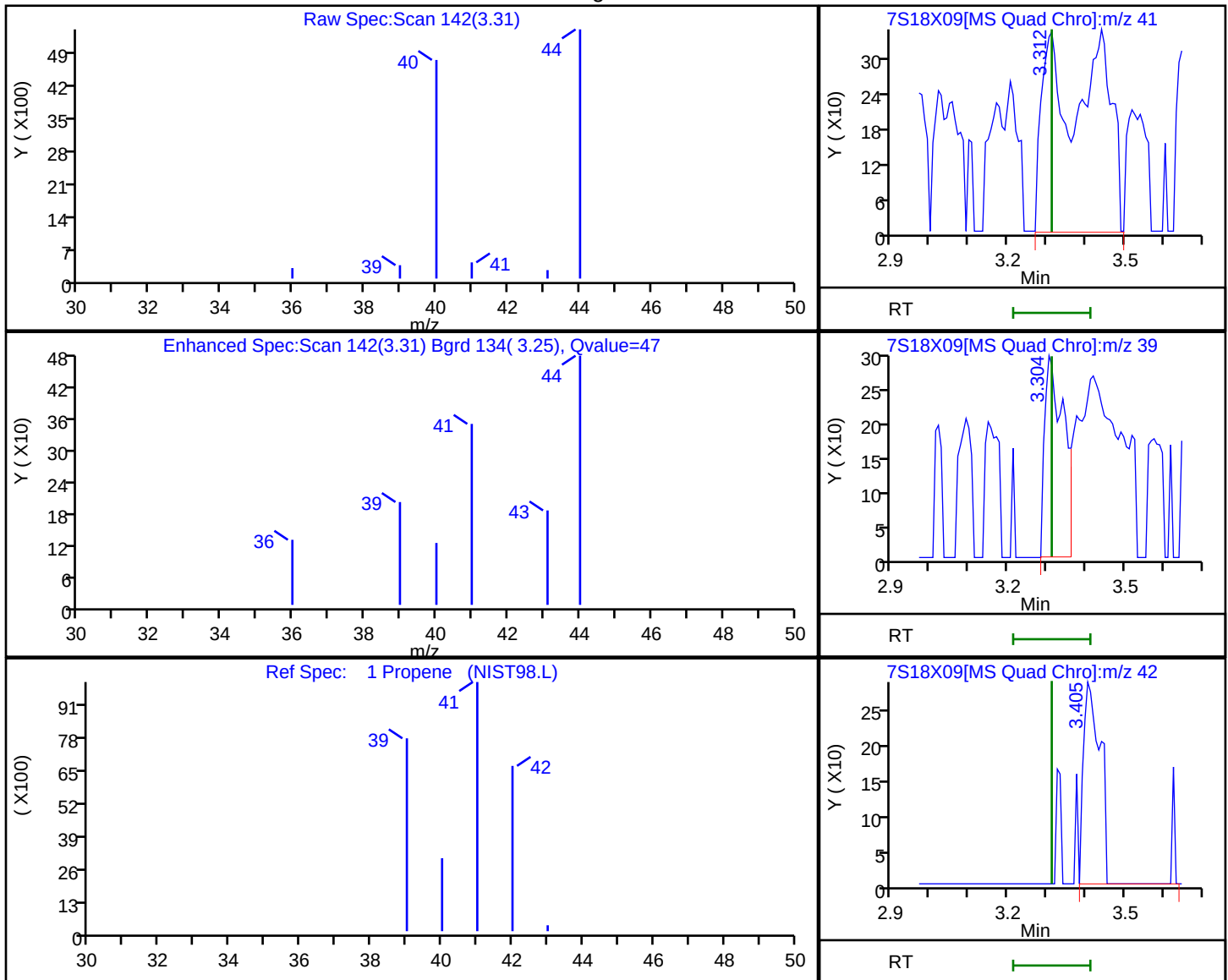
MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

1 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
3.31	41.00	3124	0.118235
3.30	39.00	1001	
3.40	42.00	915	

Reviewer: ZM3Q, 19-Sep-2025 09:29:15 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243209-1
Environment Testing, LLC

SDG No.: _____

Lab File ID: 7S05T01.D BFB Injection Date: 09/05/2025

Instrument ID: HP8R004 BFB Injection Time: 19:32

Analysis Batch No.: 695409

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	21.0	
75	30.0 - 66.0% of mass 95	50.5	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.9	
173	Less than 2.0% of mass 174	0.0	(0.0) 1
174	50.0 - 120.0% of mass 95	68.3	
175	4.0 - 9.0 % of mass 174	5.4	(7.8) 1
176	93.0 - 101.0% of mass 174	66.4	(97.1) 1
177	5.0 - 9.0% of mass 176	4.4	(6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 410-695409/3	7S05X03.D	09/05/2025	20:29
	IC 410-695409/4	7S05X04.D	09/05/2025	20:57
	IC 410-695409/5	7S05X05.D	09/05/2025	21:25
	IC 410-695409/6	7S05X06.D	09/05/2025	21:53
	IC 410-695409/7	7S05X07.D	09/05/2025	22:21
	IC 410-695409/8	7S05X08.D	09/05/2025	22:50
	ICISAV 410-695409/9	7S05X09.D	09/05/2025	23:21
	IC 410-695409/10	7S05X10.D	09/05/2025	23:49
	IC 410-695409/11	7S05X11.D	09/06/2025	0:20
	ICV 410-695409/17	7S05X17.D	09/06/2025	3:25
	ICV 410-695409/18	7S05X18.D	09/06/2025	3:56

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243209-1
Environment Testing, LLC

SDG No.: _____

Lab File ID: 7S18T01.D BFB Injection Date: 09/18/2025

Instrument ID: HP8R004 BFB Injection Time: 17:29

Analysis Batch No.: 701420

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	19.6
75	30.0 - 66.0% of mass 95	51.0
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 120.0% of mass 95	68.4
175	4.0 - 9.0 % of mass 174	5.3 (7.7) 1
176	93.0 - 101.0% of mass 174	66.4 (97.0) 1
177	5.0 - 9.0% of mass 176	4.5 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 410-701420/4	7S18X02.D	09/18/2025	18:29
	LCS 410-701420/5	7S18X03.D	09/18/2025	18:59
	LCSD 410-701420/6	7S18X04.D	09/18/2025	19:29
	MB 410-701420/12	7S18X09.D	09/18/2025	21:31
1807	410-243209-1	7S18X10.D	09/18/2025	22:02
	IC 410-701420/21	7S18X18.D	09/19/2025	2:14
	IC 410-701420/22	7S18X19.D	09/19/2025	2:42
	IC 410-701420/23	7S18X20.D	09/19/2025	3:11
	IC 410-701420/24	7S18X21.D	09/19/2025	3:41
	IC 410-701420/25	7S18X22.D	09/19/2025	4:18
	IC 410-701420/20	7S18X25.D	09/19/2025	9:55

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243209-1
 Environment Testing, LLC

SDG No.: _____

Instrument ID: HP8R004 Calibration Start Date: 09/05/2025 20:29

GC Column: Rtx-VMS 60m ID: 0.25 (mm) Calibration End Date: 09/06/2025 00:20

Calibration ID: 76504

		CBM		DFBZ		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MEAN AREA AND MEAN RT		347355	9.62	1305301	11.22	1197943	14.46
UPPER LIMIT		486297	9.92	1827421	11.52	1677120	14.77
LOWER LIMIT		208413	9.32	783181	10.92	718766	14.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-695409/17		362374	9.62	1358291	11.22	1235651	14.46
ICV 410-695409/18		361184	9.62	1333891	11.22	1226745	14.47
CCVIS 410-701420/4		347178	9.62	1341937	11.22	1205191	14.47

CBM = Chlorobromomethane (IS)
 DFBZ = 1,4-Difluorobenzene
 CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.3 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243209-1
 Environment Testing, LLC

SDG No.:

Sample No.: CCVIS 410-701420/4 Date Analyzed: 09/18/2025 18:29

Instrument ID: HP8R004 GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Lab File ID (Standard): 7S18X02.D Heated Purge: (Y/N) N

Calibration ID: 76504

		CBM		DFBZ		CBZd5		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD		347178	9.62	1341937	11.22	1205191	14.47	
UPPER LIMIT		486049	9.92	1878712	11.52	1687267	14.77	
LOWER LIMIT		208307	9.32	805162	10.92	723115	14.17	
LAB SAMPLE ID		CLIENT SAMPLE ID						
LCS 410-701420/5		346953	9.62	1352761	11.22	1203415	14.47	
LCSD 410-701420/6		351718	9.62	1374521	11.22	1218284	14.47	
MB 410-701420/12		347696	9.62	1312854	11.22	1201954	14.47	
410-243209-1		1807	340921	9.62	1271201	11.23	1179354	14.46

CBM = Chlorobromomethane (IS)
 DFBZ = 1,4-Difluorobenzene
 CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.3 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-243209-1

SDG No.:

Client Sample ID: 1807

Lab Sample ID: 410-243209-1

Matrix: Air

Lab File ID: 7S18X10.D

Analysis Method: TO-15

Date Collected: 09/18/2025 11:02

Sample wt/vol: 200 (mL)

Date Analyzed: 09/18/2025 22:02

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume:

Heated Purge: (Y/N) pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 701420

Units: ppb v/v

Preparation Batch No.:

Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	ND		5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-243209-1

SDG No.:

Client Sample ID: 1807

Lab Sample ID: 410-243209-1

Matrix: Air

Lab File ID: 7S18X10.D

Analysis Method: TO-15

Date Collected: 09/18/2025 11:02

Sample wt/vol: 200 (mL)

Date Analyzed: 09/18/2025 22:02

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume:

Heated Purge: (Y/N) pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 701420

Units: ppb v/v

Preparation Batch No.:

Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-243209-1

SDG No.:

Client Sample ID: 1807

Lab Sample ID: 410-243209-1

Matrix: Air

Lab File ID: 7S18X10.D

Analysis Method: TO-15

Date Collected: 09/18/2025 11:02

Sample wt/vol: 200 (mL)

Date Analyzed: 09/18/2025 22:02

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Purge Volume:

Heated Purge: (Y/N) pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 701420

Units: ppb v/v

Preparation Batch No.:

Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I

Job No.: 410-243209-1

Client Sample ID: 1807

Lab Sample ID: 410-243209-1

Lab File ID: 7S18X10.D

Date Collected: 09/18/2025 11:02

Date Analyzed: 09/18/2025 22:02

Dilution Factor: 1

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Heated Purge: (Y/N) pH:

Level: (low/med) Low

Units: ppb v/v

Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250918-160224.b\7S18X10.D
Lims ID: 410-243209-A-1
Client ID: 1807
Sample Type: Client
Inject. Date: 18-Sep-2025 22:02:31 ALS Bottle#: 7 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc1810
Misc. Info.: 410-0160224-013
Operator ID: ans117803 Instrument ID: HP8R004
Method: \\chromfs\Lancaster\ChromData\HP8R004\20250918-160224.b\TO15_HP8R004.m
Limit Group: MSV - TO15
Last Update: 23-Sep-2025 08:35:03 Calib Date: 19-Sep-2025 09:55:02
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250918-160224.b\7S18X25.D
Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1722

First Level Reviewer: ZM3Q

Date: 19-Sep-2025 12:35:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
11 Pentane	43	5.611	5.589	0.022	54	1984	0.0337	7M
23 Acetone	43	6.399	6.377	0.021	95	35773	0.6600	M
20 Isopropyl alcohol	45	6.621	6.592	0.029	80	6258	0.1646	M
17 Carbon disulfide	76	6.771	6.757	0.014	94	15039	0.1441	
* 35 Chlorobromomethane (IS)	130	9.622	9.615	0.007	91	340921	10.0	
* 50 1,4-Difluorobenzene	114	11.226	11.220	0.006	96	1271201	10.0	
* 68 Chlorobenzene-d5 (IS)	117	14.464	14.465	-0.001	89	1179354	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

AIRIS200 ppb_00528

Amount Added: 10.00

Units: mL

Run Reagent

Report Date: 24-Sep-2025 07:52:23

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250918-160224.b\7S18X10.D

Injection Date: 18-Sep-2025 22:02:31

Instrument ID: HP8R004

Lims ID: 410-243209-A-1

Lab Sample ID: 410-243209-1

Client ID: 1807

Operator ID: ans117803

ALS Bottle#: 7 Worklist Smp#: 13

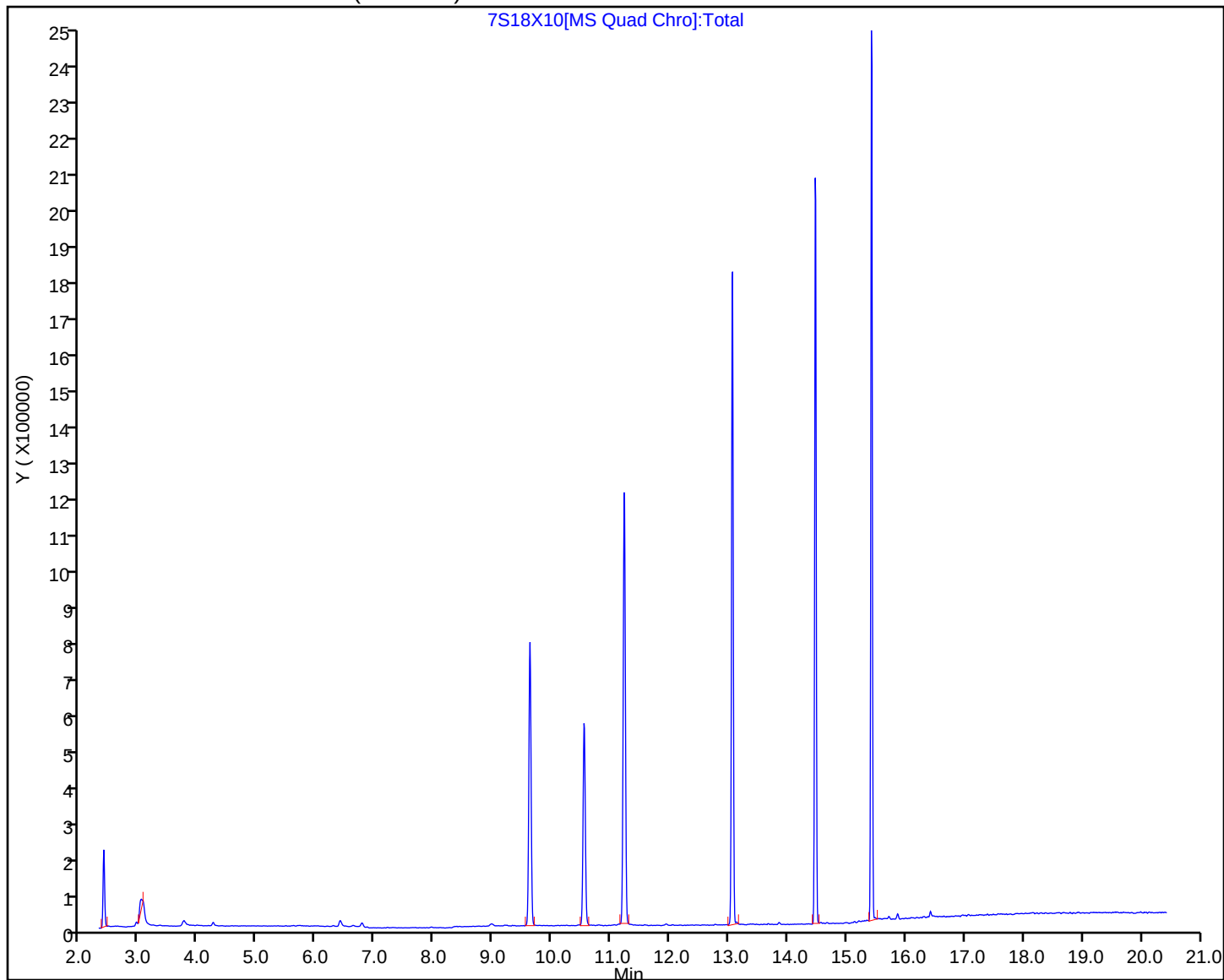
Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_HP8R004

Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Eurofins Lancaster Laboratories Environment Testing, LLC

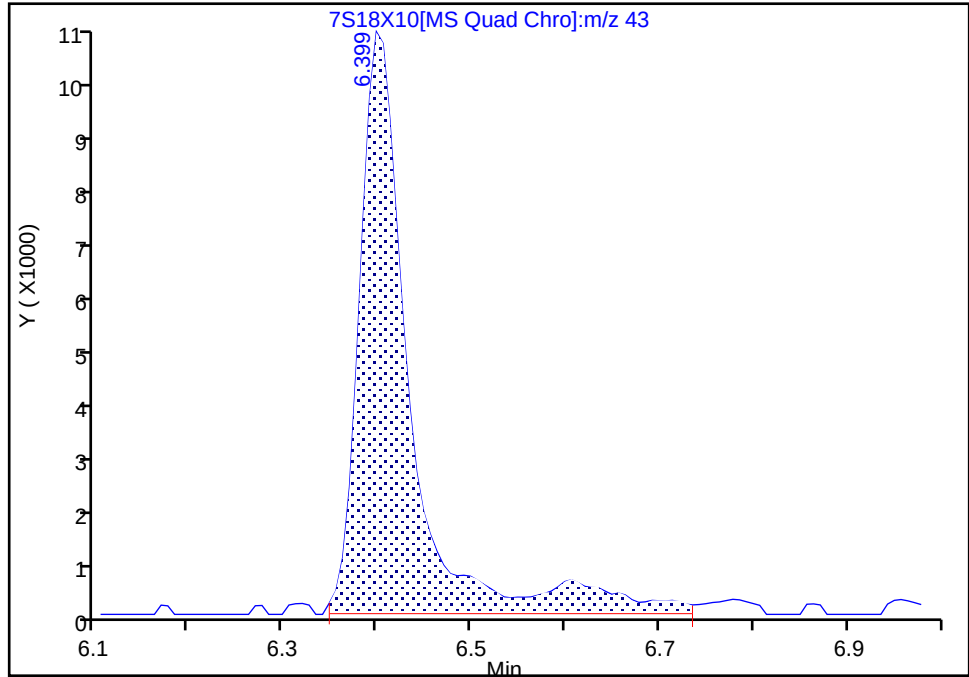
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250918-160224.b\7S18X10.D
Injection Date: 18-Sep-2025 22:02:31 Instrument ID: HP8R004
Lims ID: 410-243209-A-1 Lab Sample ID: 410-243209-1
Client ID: 1807
Operator ID: ans117803 ALS Bottle#: 7 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_HP8R004 Limit Group: MSV - TO15
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

23 Acetone, CAS: 67-64-1

Signal: 1

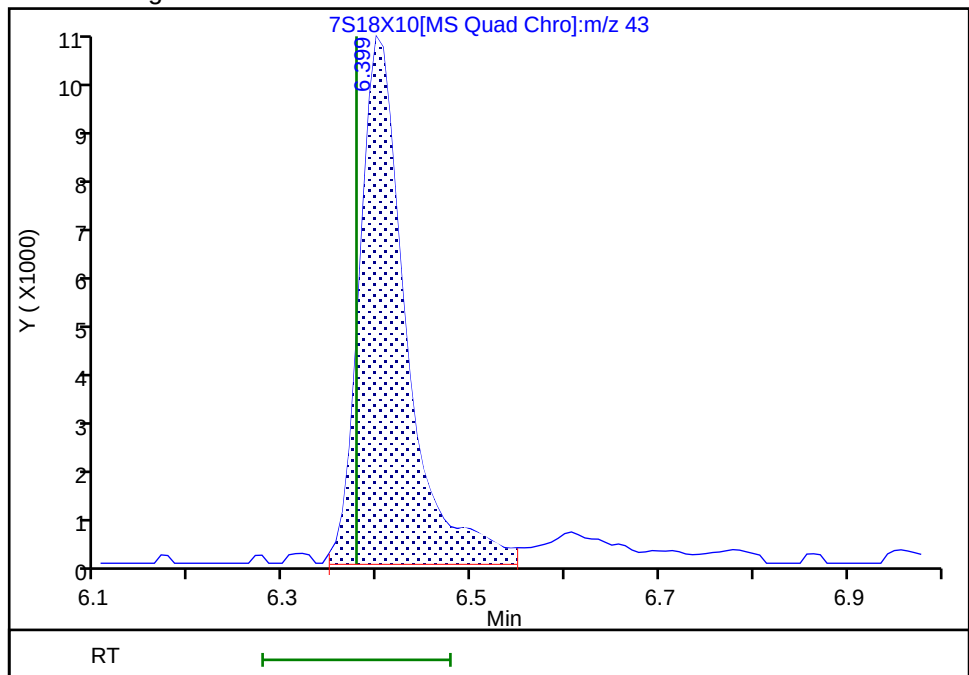
RT: 6.40
Area: 39767
Amount: 0.733722
Amount Units: ppb v/v

Processing Integration Results



RT: 6.40
Area: 35773
Amount: 0.660030
Amount Units: ppb v/v

Manual Integration Results



Reviewer: ZM3Q, 19-Sep-2025 12:34:30 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250918-160224.b\7S18X10.D

Injection Date: 18-Sep-2025 22:02:31

Instrument ID: HP8R004

Lims ID: 410-243209-A-1

Lab Sample ID: 410-243209-1

Client ID: 1807

Operator ID: ans117803

ALS Bottle#:

7

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor:

1.0000

Method: TO15_HP8R004

Limit Group:

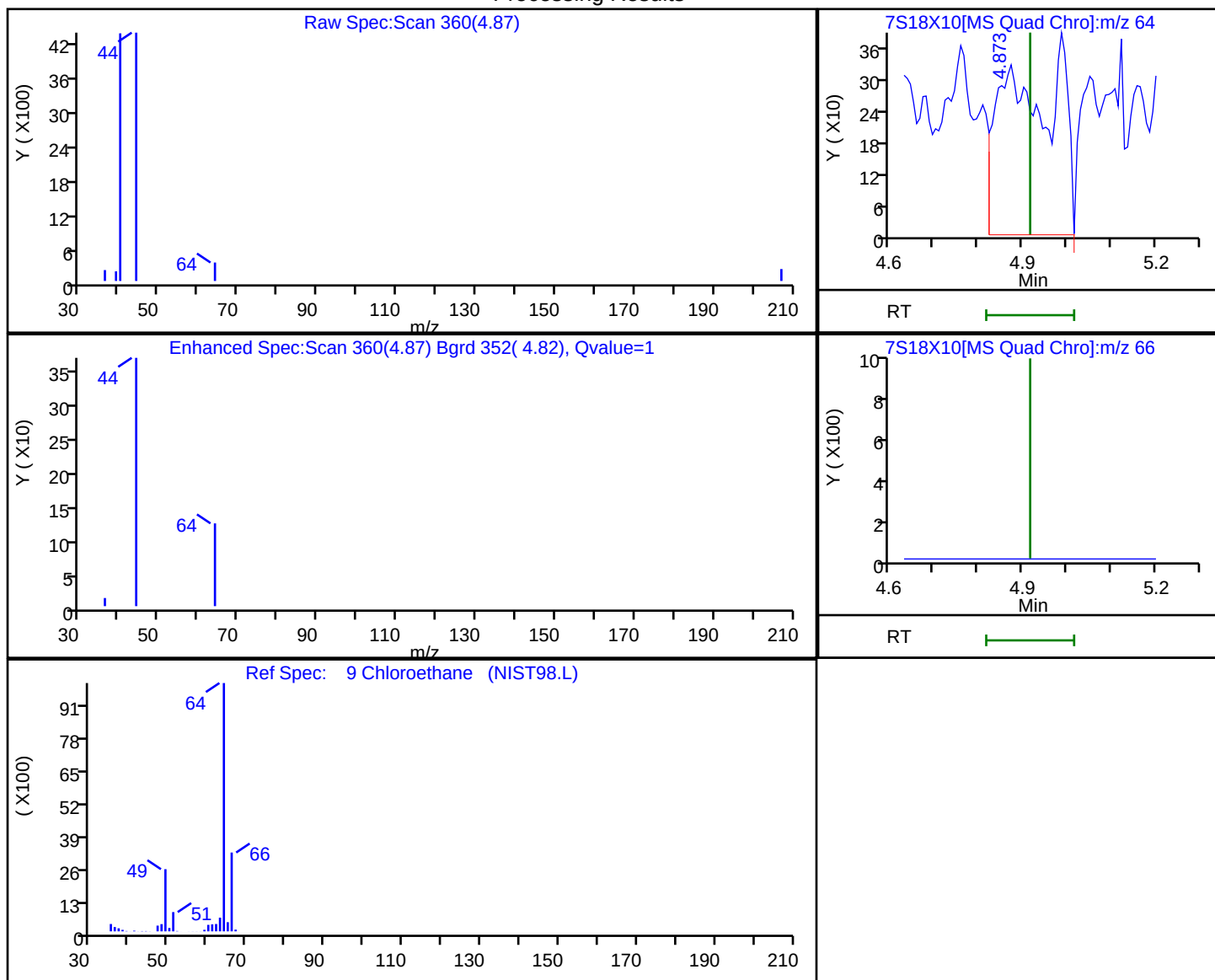
MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector

MS Quad

9 Chloroethane, CAS: 75-00-3

Processing Results



Reviewer: ZM3Q, 19-Sep-2025 12:34:11 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

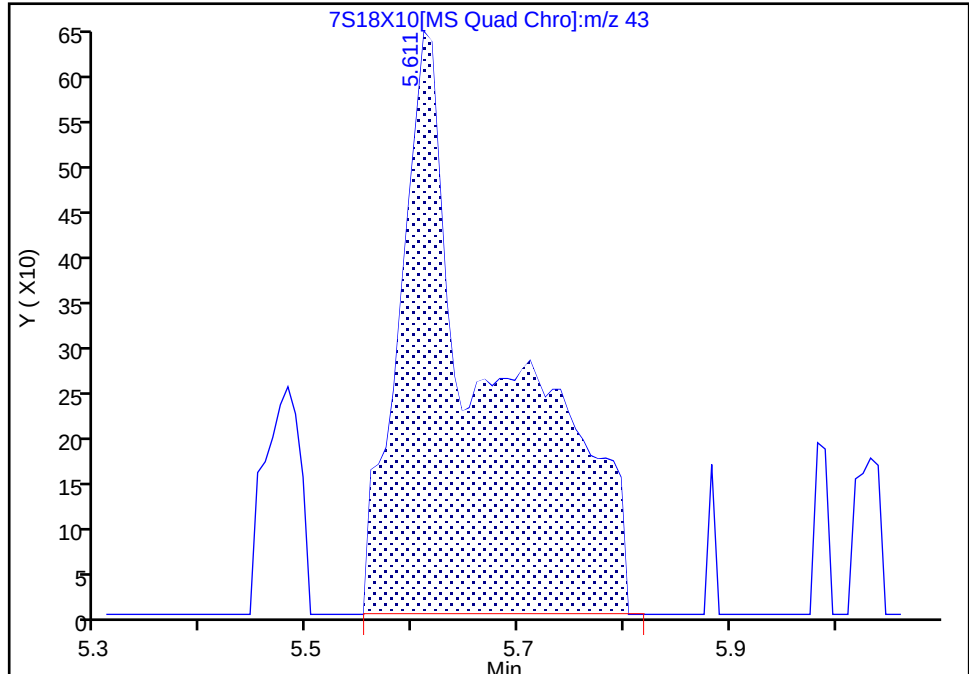
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Injection Date: 18-Sep-2025 22:02:31 Instrument ID: HP8R004
Lims ID: 410-243209-A-1 Lab Sample ID: 410-243209-1
Client ID: 1807
Operator ID: ans117803 ALS Bottle#: 7 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_HP8R004 Limit Group: MSV - TO15
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

11 Pentane, CAS: 109-66-0

Signal: 1

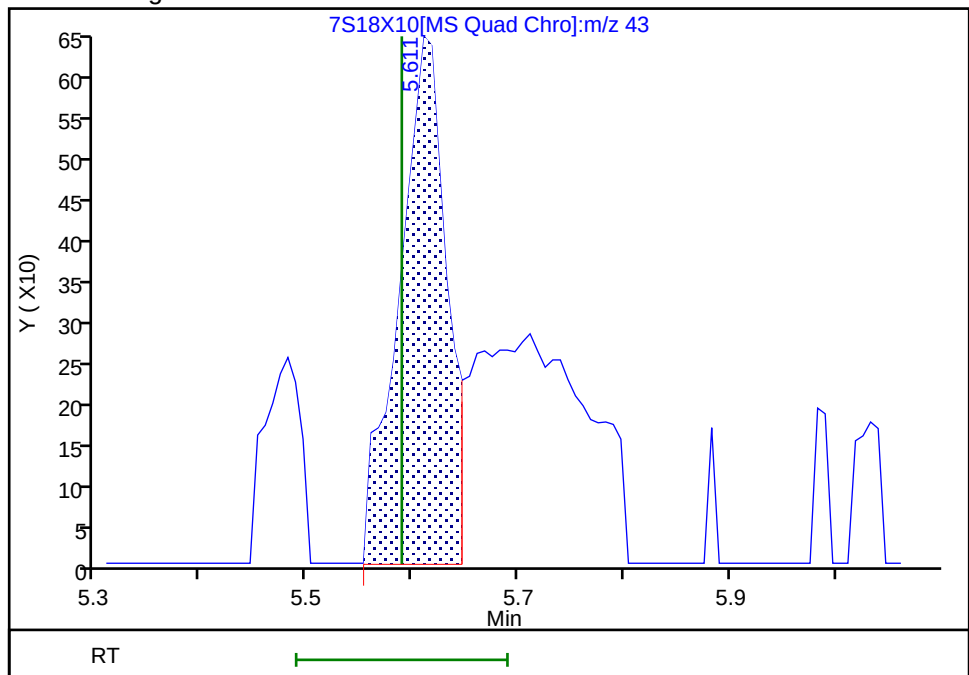
RT: 5.61
Area: 4093
Amount: 0.069424
Amount Units: ppb v/v

Processing Integration Results



RT: 5.61
Area: 1984
Amount: 0.033652
Amount Units: ppb v/v

Manual Integration Results



Reviewer: ZM3Q, 19-Sep-2025 12:34:23 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

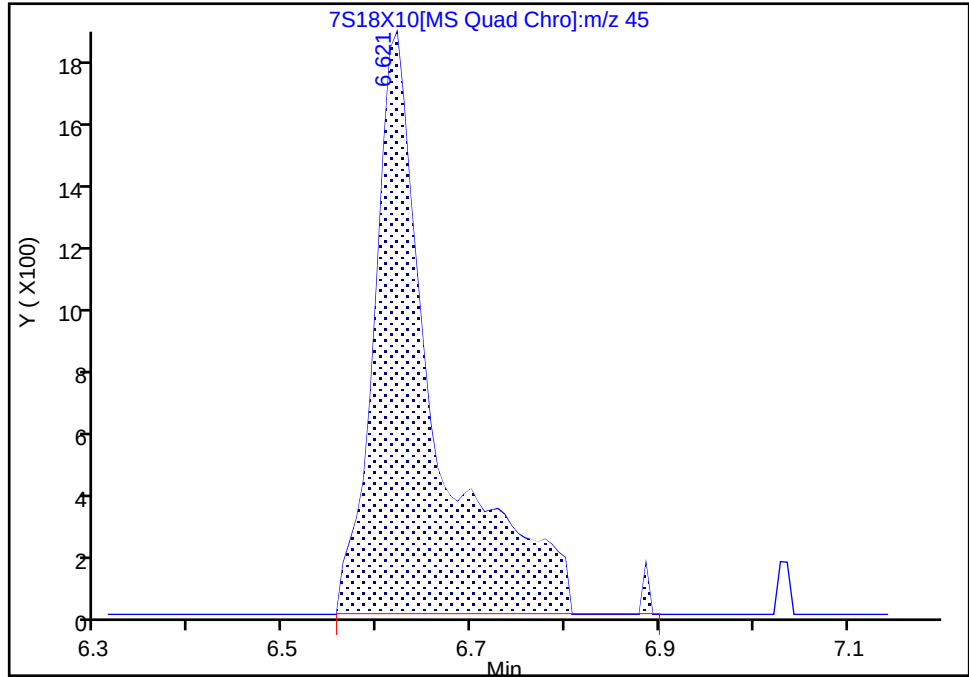
Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250918-160224.b\7S18X10.D
Injection Date: 18-Sep-2025 22:02:31 Instrument ID: HP8R004
Lims ID: 410-243209-A-1 Lab Sample ID: 410-243209-1
Client ID: 1807
Operator ID: ans117803 ALS Bottle#: 7 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_HP8R004 Limit Group: MSV - TO15
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

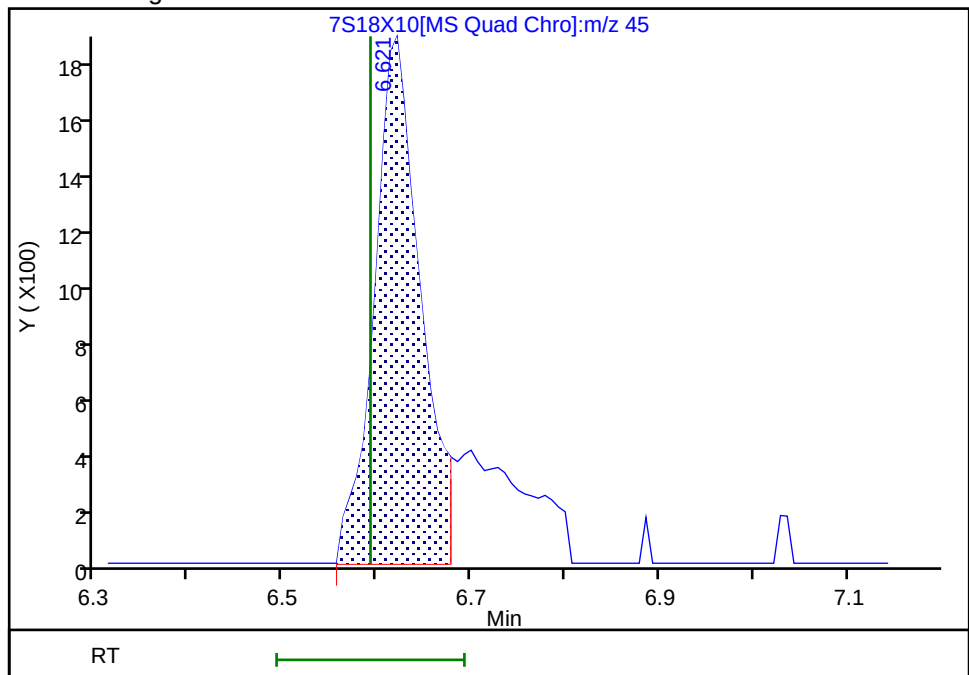
RT: 6.62
Area: 8514
Amount: 0.223911
Amount Units: ppb v/v

Processing Integration Results



RT: 6.62
Area: 6258
Amount: 0.164580
Amount Units: ppb v/v

Manual Integration Results



Reviewer: ZM3Q, 19-Sep-2025 12:34:39 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

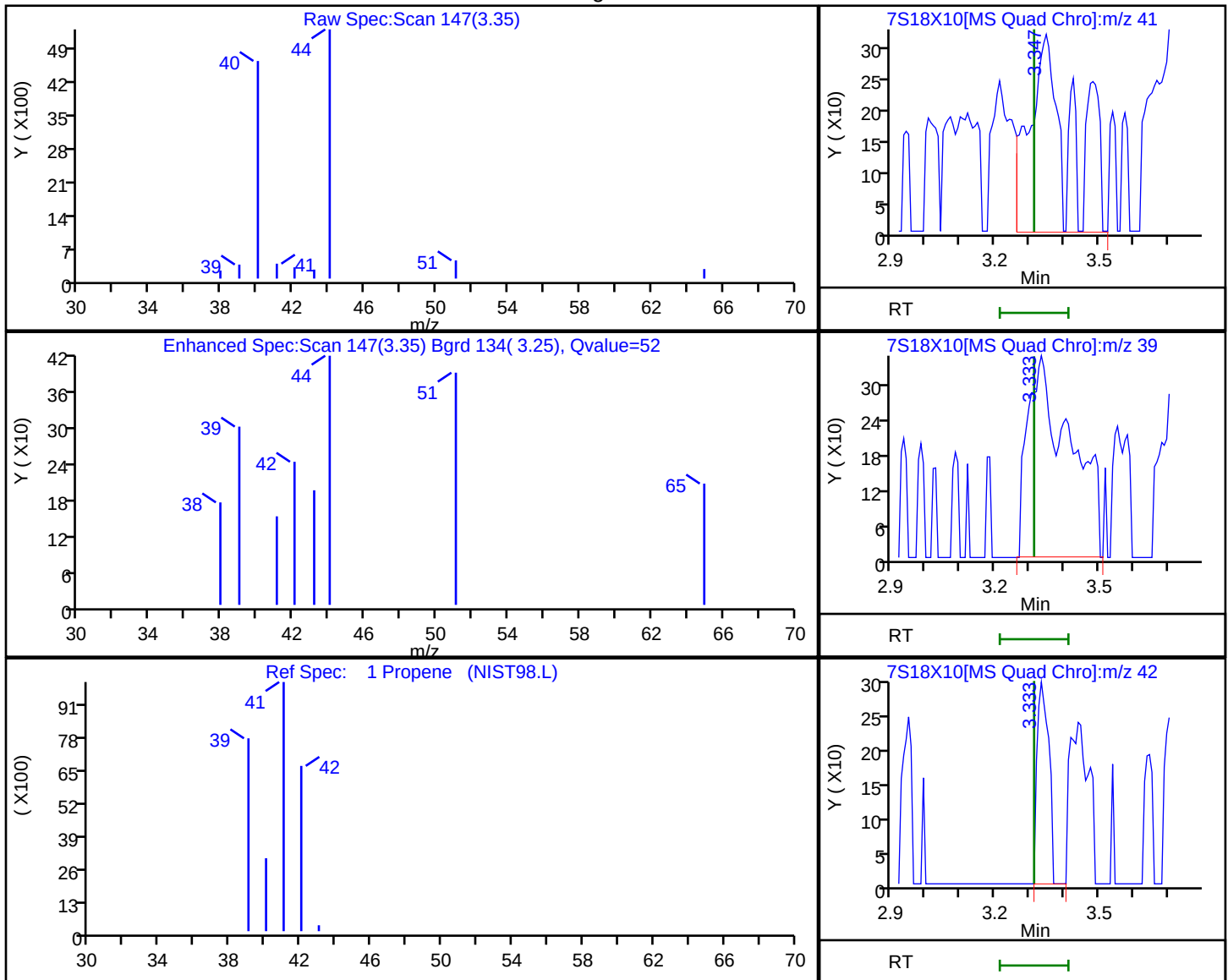
Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250918-160224.b\7S18X10.D
Injection Date: 18-Sep-2025 22:02:31 Instrument ID: HP8R004
Lims ID: 410-243209-A-1 Lab Sample ID: 410-243209-1
Client ID: 1807
Operator ID: ans117803 ALS Bottle#: 7 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_HP8R004 Limit Group: MSV - TO15
Column: Rtx-VMS 60m 0.25mmID (0.25 mm) Detector MS Quad

1 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
3.35	41.00	2633	0.101633
3.33	39.00	3019	
3.33	42.00	691	

Reviewer: ZM3Q, 19-Sep-2025 12:34:06 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243209-1 Analy Batch No.: 695409
Environment Testing, LLC

SDG No.: _____

Instrument ID: HP8R004 GC Column: Rtx-VMS 60m ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/05/2025 20:29 Calibration End Date: 09/06/2025 00:20 Calibration ID: 76504

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-695409/3	7S05X03.D
Level 2	IC 410-695409/4	7S05X04.D
Level 3	IC 410-695409/5	7S05X05.D
Level 4	IC 410-695409/6	7S05X06.D
Level 5	IC 410-695409/7	7S05X07.D
Level 6	IC 410-695409/8	7S05X08.D
Level 7	ICISAV 410-695409/9	7S05X09.D
Level 8	IC 410-695409/10	7S05X10.D
Level 9	IC 410-695409/11	7S05X11.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
Propene	+++++ 0.7098	1.2355 0.7142	0.8845 0.6835	0.5755 0.6937	0.5826	Ave		0.759 9				28.2		30.0			
Dichlorodifluoromethane	2.1076 2.2536	2.3415 2.2174	2.4523 2.1774	2.2869 2.1382	2.2786	Ave		2.250 4				4.7		30.0			
Chlorodifluoromethane	1.3108 1.3856	1.3391 1.3813	1.4712 1.3448	0.9816 1.3469	1.1271	Ave		1.298 7				11.6		30.0			
Freon-114	1.6543 2.2318	2.0054 2.2317	2.3660 2.1804	1.6248 2.1784	1.8016	Ave		2.030 5				13.5		30.0			
Chloromethane	+++++ 0.8401	+++++ 0.8420	1.3257 0.7961	0.6643 0.7915	0.7171	Ave		0.853 8				25.5		30.0			
n-Butane	+++++ 1.3093	1.7219 1.3238	1.5737 1.3241	1.5880 1.3186	1.4318	Ave		1.448 9				11.0		30.0			
Vinyl chloride	0.6870 0.9083	0.9580 0.9092	0.9313 0.8887	0.6907 0.8845	0.7674	Ave		0.847 2				12.3		30.0			
1,3-Butadiene	0.7300 0.6513	0.7355 0.6696	0.6630 0.6542	0.6102 0.6637	0.6123	Ave		0.665 5				6.6		30.0			
Bromomethane	0.5546 0.6202	0.7728 0.6092	0.6225 0.6174	0.6844 0.6034	0.6127	Ave		0.633 0				9.8		30.0			
Chloroethane	+++++ 0.4563	+++++ 0.4560	0.6269 0.4445	0.6055 0.4399	0.4839	Ave		0.501 9				15.9		30.0			
Bromoethene	0.3674 0.7552	0.7308 0.7627	0.8331 0.7703	0.7546 0.7726	0.7616	Ave		0.723 1				18.8		30.0			
Dichlorofluoromethane	2.3676 1.9785	2.1367 1.9900	2.2611 1.9810	2.2020 1.9399	2.0698	Ave		2.103 0				7.1		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243209-1 Analy Batch No.: 695409
Environment Testing, LLC

SDG No.: _____

Instrument ID: HP8R004 GC Column: Rtx-VMS 60m ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/05/2025 20:29 Calibration End Date: 09/06/2025 00:20 Calibration ID: 76504

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Trichlorofluoromethane	2.5203 2.1466	2.1740 2.0837	2.3796 2.0521	2.1614 2.0032	2.0662	Ave		2.176 3				7.7		30.0			
Pentane	++++ 1.5670	2.2208 1.5326	1.8193 1.5813	1.8669 1.5522	1.6947	Ave		1.729 3				13.6		30.0			
Ethanol	++++ 0.1814	++++ 0.1836	0.3298 0.1759	0.2658 0.1860	0.2040	Ave		0.218 1				26.7		30.0			
Acrolein	++++ 0.3047	0.2438 0.3341	0.3588 0.3391	0.3343 0.3422	0.3298	Ave		0.323 4				11.0		30.0			
1,1-Dichloroethene	1.6603 1.3134	1.4107 1.3161	1.3889 1.3324	1.4975 1.3055	1.4072	Ave		1.403 5				8.2		30.0			
Freon 113	0.9184 1.0343	1.2148 1.0287	1.1325 0.9939	0.8846 0.9888	0.9055	Ave		1.011 3				10.7		30.0			
Acetone	++++ 1.4076	2.2764 1.3733	1.8144 1.3876	1.6128 1.3727	1.4734	Ave		1.589 8				19.9		30.0			
Isopropanol	++++ 0.9841	++++ 1.0133	1.2583 1.0511	1.2967 1.0763	1.1276	Ave		1.115 3				10.8		30.0			
Iodomethane	++++ 1.5901	++++ 1.6227	0.9521 1.8036	1.5206 1.8495	1.4743	Ave		1.544 7				19.1		30.0			
Carbon disulfide	4.1925 2.7401	3.5640 2.7133	3.3421 2.6700	2.9834 2.6022	2.7466	Ave		3.061 6				17.5		30.0			
Acetonitrile	++++ 0.7493	++++ 0.7435	0.9586 0.7345	0.7834 0.7254	0.7558	Ave		0.778 6				10.5		30.0			
3-Chloroprene	1.3896 1.1655	1.1604 1.1556	1.3161 1.1979	1.3964 1.1839	1.2395	Ave		1.245 0				7.8		30.0			
Methylene Chloride	1.1737 0.7323	0.9314 0.7205	0.8796 0.7024	0.8277 0.6905	0.7529	Ave		0.823 4				18.9		30.0			
tert-Butyl alcohol	0.6989 0.9734	0.9608 0.9988	1.1300 1.0177	0.8455 1.0541	0.8461	Ave		0.947 2				13.7		30.0			
Acrylonitrile	++++ 0.7635	0.8468 0.7652	0.9141 0.7870	0.8257 0.7779	0.8303	Ave		0.813 8				6.3		30.0			
Methyl t-butyl ether	2.0038 2.2111	1.8598 2.2366	2.1697 2.2927	1.8648 2.2816	1.9443	Ave		2.096 0				8.5		30.0			
trans-1,2-Dichloroethene	1.6520 1.4193	1.5509 1.3976	1.4466 1.4136	1.4914 1.3813	1.4911	Ave		1.471 5				5.9		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243209-1 Analy Batch No.: 695409
Environment Testing, LLC

SDG No.:

Instrument ID: HP8R004 GC Column: Rtx-VMS 60m ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/05/2025 20:29 Calibration End Date: 09/06/2025 00:20 Calibration ID: 76504

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Hexane	1.1450 0.7057	0.8764 0.6911	0.8378 0.7062	0.8595 0.6958	0.7669	Ave		0.809 4				18.0		30.0			
Vinyl acetate	++++ 0.1622	++++ 0.1694	0.1648 0.1836	0.1700 0.1863	0.1662	Ave		0.171 8				5.5		30.0			
1,1-Dichloroethane	++++ 1.6941	1.7935 1.6460	1.8197 1.6549	2.0571 1.6013	1.7875	Ave		1.756 8				8.3		30.0			
di-Isopropyl ether	3.1381 3.2380	3.5563 3.2464	3.3478 3.2864	2.8748 3.2185	2.9618	Ave		3.207 6				6.3		30.0			
Ethyl tert-butyl ether	1.6245 2.6535	2.2356 2.6886	2.7845 2.8027	2.2797 2.8295	2.4127	Ave		2.479 0				15.8		30.0			
2-Butanone	++++ 0.4430	++++ 0.4314	0.3765 0.4548	0.4570 0.4473	0.4300	Ave		0.434 3				6.3		30.0			
cis-1,2-Dichloroethene	2.2949 1.5574	1.5610 1.5731	1.6616 1.5917	1.7568 1.5586	1.6468	Ave		1.689 1				14.0		30.0			
Ethyl acetate	++++ 0.2331	++++ 0.2276	0.2252 0.2334	0.2314 0.2294	0.2093	Ave		0.227 0				3.7		30.0			
Methyl acrylate	++++ 1.7421	++++ 1.7081	1.7254 1.7935	1.8514 1.7679	1.7547	Ave		1.763 3				2.7		30.0			
Tetrahydrofuran	++++ 1.1483	1.8160 1.0812	1.2755 1.1370	1.1446 1.1166	1.1784	Ave		1.237 2				19.5		30.0			
Chloroform	2.5918 1.8882	2.2024 1.8392	2.0942 1.8542	2.3562 1.8033	2.0783	Ave		2.078 7				12.9		30.0			
1,1,1-Trichloroethane	2.5215 1.7252	1.8912 1.6872	1.9446 1.7164	1.8228 1.6899	1.7421	Ave		1.860 1				14.2		30.0			
Cyclohexane	1.8559 1.3790	1.5592 1.4174	1.4842 1.4622	1.4122 1.4613	1.3229	Ave		1.483 8				10.4		30.0			
Carbon tetrachloride	1.8452 1.6956	1.9001 1.6853	1.7370 1.7226	1.8175 1.7180	1.6666	Ave		1.754 2				4.6		30.0			
Benzene	++++ 0.7254	1.0958 0.7263	0.7922 0.7269	0.8801 0.7069	0.7806	Ave		0.804 3				16.2		30.0			
1,2-Dichloroethane	0.4452 0.3479	0.4713 0.3419	0.3852 0.3367	0.4272 0.3320	0.3745	Ave		0.384 7				13.4		30.0			
Tert-amyl methyl ether	0.6324 0.6259	0.6107 0.6493	0.6488 0.6705	0.5070 0.6779	0.5446	Ave		0.618 6				9.3		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243209-1 Analy Batch No.: 695409
Environment Testing, LLC

SDG No.: _____

Instrument ID: HP8R004 GC Column: Rtx-VMS 60m ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/05/2025 20:29 Calibration End Date: 09/06/2025 00:20 Calibration ID: 76504

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Isooctane	1.4911 1.2254	1.2981 1.2627	1.3335 1.2621	1.2230 1.2532	1.1319	Ave		1.275 7				7.7		30.0			
Heptane	0.2404 0.2364	0.2954 0.2466	0.2223 0.2571	0.2662 0.2547	0.2345	Ave		0.250 4				8.6		30.0			
Trichloroethene	0.4493 0.2825	0.3877 0.2812	0.3334 0.2825	0.3500 0.2813	0.3094	Ave		0.328 6				17.9		30.0			
Ethyl acrylate	++++ 0.5472	0.5565 0.5558	0.5526 0.5935	0.5000 0.5941	0.5289	Ave		0.553 6				5.6		30.0			
1,2-Dichloropropane	0.4908 0.3173	0.4488 0.3076	0.3669 0.3147	0.3939 0.3079	0.3380	Ave		0.365 1				18.3		30.0			
Methyl methacrylate	++++ 0.2602	0.2813 0.2643	0.2836 0.2834	0.2542 0.2827	0.2547	Ave		0.270 6				5.0		30.0			
1,4-Dioxane	++++ 0.1110	0.1207 0.1146	0.1415 0.1196	0.0843 0.1218	0.0939	Ave		0.113 4				15.6		30.0			
Dibromomethane	++++ 0.2520	0.4204 0.2510	0.3045 0.2533	0.3314 0.2515	0.2737	Ave		0.292 2				20.4		30.0			
Bromodichloromethane	0.7658 0.5374	0.6966 0.5323	0.6039 0.5428	0.6670 0.5332	0.5842	Ave		0.607 0				14.0		30.0			
cis-1,3-Dichloropropene	0.6334 0.4467	0.5098 0.4455	0.4834 0.4731	0.5136 0.4722	0.4673	Ave		0.493 9				11.6		30.0			
4-Methyl-2-pentanone	++++ 0.6156	0.8760 0.6382	0.7500 0.6648	0.4598 0.6575	0.5195	Ave		0.647 7				19.9		30.0			
Toluene	++++ 0.9673	1.4508 0.9524	1.1814 0.9669	1.1906 0.9451	1.0381	Ave		1.086 6				16.4		30.0			
Octane	1.1003 0.7256	0.8260 0.7419	0.7822 0.7690	0.7888 0.7597	0.7326	Ave		0.802 9				14.4		30.0			
trans-1,3-Dichloropropene	0.5180 0.4022	0.3848 0.4008	0.4211 0.4220	0.4493 0.4241	0.4140	Ave		0.426 3				9.1		30.0			
Ethyl methacrylate	++++ 0.4721	0.4388 0.4889	0.4930 0.5188	0.3456 0.5241	0.3955	Ave		0.459 6				13.6		30.0			
1,1,2-Trichloroethane	0.4372 0.3395	0.4210 0.3306	0.4160 0.3353	0.4040 0.3317	0.3699	Ave		0.376 1				11.6		30.0			
Tetrachloroethene	++++ 0.3897	++++ 0.3859	0.5772 0.3966	0.4788 0.3965	0.4299	Ave		0.436 4				16.1		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243209-1 Analy Batch No.: 695409
Environment Testing, LLC

SDG No.:

Instrument ID: HP8R004 GC Column: Rtx-VMS 60m ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/05/2025 20:29 Calibration End Date: 09/06/2025 00:20 Calibration ID: 76504

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Hexanone	0.9626 0.6519	0.6007 0.6780	0.7363 0.7011	0.5379 0.6999	0.5650	Ave		0.681 5				18.3		30.0			
Dibromochloromethane	0.5910 0.4286	0.4732 0.4281	0.4837 0.4467	0.4911 0.4465	0.4556	Ave		0.471 6				10.6		30.0			
1,2-Dibromoethane	0.7214 0.4995	0.5809 0.5018	0.5665 0.5210	0.5808 0.5165	0.5483	Ave		0.559 6				12.2		30.0			
Chlorobenzene	0.9659 0.7053	0.8903 0.6995	0.8132 0.7239	0.8419 0.7103	0.7736	Ave		0.791 5				11.9		30.0			
Ethylbenzene	1.3224 1.1947	1.3363 1.1959	1.3239 1.2681	1.3260 1.2306	1.2341	Ave		1.270 2				4.6		30.0			
1,1,1,2-Tetrachloroethane	0.3984 0.3650	0.3511 0.3635	0.4081 0.3815	0.3987 0.3837	0.3787	Ave		0.381 0				4.9		30.0			
m&p-Xylene	0.9143 0.9011	0.8963 0.9090	0.9552 0.9688	0.9581 0.9286	0.9025	Ave		0.926 0				3.0		30.0			
o-Xylene	0.7193 0.9075	0.8938 0.9186	0.9861 0.9856	0.9453 0.9698	0.9220	Ave		0.916 5				8.9		30.0			
Styrene	0.6574 0.6768	0.5953 0.6881	0.6675 0.7477	0.6760 0.7378	0.6553	Ave		0.678 0				6.7		30.0			
Bromoform	0.4885 0.4708	0.5237 0.4743	0.5174 0.5179	0.5263 0.5252	0.4991	Ave		0.504 8				4.4		30.0			
Cumene	1.0601 1.1566	1.0616 1.1899	1.1577 1.2725	1.1418 1.2358	1.1202	Ave		1.155 1				6.2		30.0			
1,1,2,2-Tetrachloroethane	0.7284 0.7749	0.8243 0.7528	0.9343 0.8057	0.8117 0.7898	0.7792	Ave		0.800 1				7.3		30.0			
1,2,3-Trichloropropane	++++ 0.1802	0.2044 0.1765	0.2246 0.1877	0.1970 0.1880	0.1845	Ave		0.192 9				8.1		30.0			
Bromobenzene	0.3531 0.3742	0.3848 0.3670	0.4148 0.4000	0.4183 0.4016	0.3943	Ave		0.389 8				5.6		30.0			
N-Propylbenzene	0.1863 0.3099	0.2573 0.3173	0.3479 0.3440	0.3004 0.3449	0.2996	Ave		0.300 8				17.2		30.0			
4-Ethyltoluene	0.8373 1.1401	1.0163 1.1673	1.1603 1.2741	1.0831 1.2341	1.0909	Ave		1.111 5				11.6		30.0			
2-Chlorotoluene	0.3019 0.2875	0.2617 0.2914	0.3034 0.3175	0.3037 0.3159	0.2958	Ave		0.297 6				5.6		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243209-1 Analy Batch No.: 695409
Environment Testing, LLC

SDG No.: _____

Instrument ID: HP8R004 GC Column: Rtx-VMS 60m ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/05/2025 20:29 Calibration End Date: 09/06/2025 00:20 Calibration ID: 76504

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,3,5-Trimethylbenzene	0.6731 1.0182	0.9569 1.0193	1.0855 1.1113	0.9505 1.0897	0.9527	Ave		0.984 1				13.4		30.0			
Alpha Methyl Styrene	0.3359 0.4261	0.4204 0.4374	0.3935 0.5145	0.4237 0.5231	0.4008	Ave		0.430 6				13.5		30.0			
tert-Butylbenzene	0.7984 0.8924	0.9644 0.9132	0.9364 1.0001	0.7919 0.9909	0.8338	Ave		0.902 4				8.8		30.0			
1,2,4-Trimethylbenzene	0.7988 0.9839	0.9064 1.0078	1.0932 1.1168	0.8453 1.0903	0.8898	Ave		0.970 3				12.0		30.0			
sec-Butylbenzene	1.0963 1.3861	1.2313 1.4153	1.4709 1.5538	1.2209 1.4936	1.2761	Ave		1.349 4				11.2		30.0			
p-Isopropyltoluene	1.1888 1.0821	1.1077 1.1053	1.1676 1.2523	0.8571 1.2258	0.9435	Ave		1.103 4				11.8		30.0			
1,3-Dichlorobenzene	0.5575 0.6375	0.6582 0.6306	0.7147 0.7063	0.6367 0.7026	0.6298	Ave		0.652 7				7.6		30.0			
1,4-Dichlorobenzene	0.5187 0.6352	0.6384 0.6267	0.7284 0.7121	0.6369 0.7065	0.6280	Ave		0.647 9				9.8		30.0			
Benzyl chloride	++++ 0.1451	++++ 0.1506	0.1597 0.1838	0.1241 0.1948	0.1277	Ave		0.155 1				17.2		30.0			
n-Butylbenzene	0.5790 0.5967	0.5860 0.6167	0.6317 0.7175	0.4688 0.7117	0.5193	Ave		0.603 0				13.4		30.0			
1,2-Dichlorobenzene	0.5525 0.5868	0.5434 0.5930	0.6454 0.6715	0.5760 0.6663	0.6012	Ave		0.604 0				7.8		30.0			
Hexachloroethane	0.4141 0.3631	0.3463 0.3656	0.2942 0.4691	0.3619 0.4792	0.3542	Ave		0.383 1				15.7		30.0			
1,2-Dibromo-3-Chloropropane	0.2580 0.2842	0.2848 0.2871	0.3313 0.3379	0.2194 0.3474	0.2400	Ave		0.287 8				15.5		30.0			
1,2,4-Trichlorobenzene	++++ 0.4054	0.2821 0.4127	0.3170 0.4782	0.3462 0.4953	0.3714	Ave		0.388 5				19.2		30.0			
Hexachlorobutadiene	0.4795 0.3246	0.3674 0.3346	0.4378 0.3874	0.3002 0.4014	0.3109	Ave		0.371 5				16.4		30.0			
Naphthalene	0.8758 0.9842	0.7207 1.0347	0.7902 1.1496	0.7951 1.1800	0.8497	Ave		0.931 1				17.6		30.0			
1,2-Dichloroethane-d4 (Surr)	1.6401 1.6128	1.6039 1.5678	1.5775 1.5745	1.6333 1.5523	1.6333	Ave		1.599 5				2.0		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-243209-1

Analy Batch No.: 695409

SDG No.:

Instrument ID: HP8R004

GC Column: Rtx-VMS 60 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 09/05/2025 20:29

Calibration End Date: 09/06/2025 00:20

Calibration ID: 76504

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-695409/3	7S05X03.D
Level 2	IC 410-695409/4	7S05X04.D
Level 3	IC 410-695409/5	7S05X05.D
Level 4	IC 410-695409/6	7S05X06.D
Level 5	IC 410-695409/7	7S05X07.D
Level 6	IC 410-695409/8	7S05X08.D
Level 7	ICISAV 410-695409/9	7S05X09.D
Level 8	IC 410-695409/10	7S05X10.D
Level 9	IC 410-695409/11	7S05X11.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Propene	CBM	Ave	+++++ 124349	2088 256443	5990 616484	9622 1303285	19451	+++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Dichlorodifluoromethane	CBM	Ave	1767 394821	3957 796131	16608 1963956	38234 4017338	76069	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Chlorodifluoromethane	CBM	Ave	1099 242749	2263 495943	9964 1213007	16412 2530526	37629	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Freon-114	CBM	Ave	1387 390994	3389 801287	16024 1966658	27164 4092883	60144	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Chloromethane	CBM	Ave	+++++ 147182	+++++ 302324	8978 718046	11106 1487051	23941	+++++ 5.00	+++++ 10.0	0.200 25.0	0.500 50.0	1.00
n-Butane	CBM	Ave	+++++ 229374	2910 475290	10658 1194359	26549 2477505	47800	+++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Vinyl chloride	CBM	Ave	576 159137	1619 326453	6307 801566	11547 1661871	25620	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,3-Butadiene	CBM	Ave	612 114103	1243 240416	4490 590057	10201 1247059	20440	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Bromomethane	CBM	Ave	465 108651	1306 218731	4216 556872	11442 1133649	20454	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Chloroethane	CBM	Ave	+++++ 79935	+++++ 163718	4246 400931	10124 826501	16156	+++++ 5.00	+++++ 10.0	0.200 25.0	0.500 50.0	1.00
Bromoethene	CBM	Ave	308 132300	1235 273829	5642 694847	12616 1451556	25424	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Dichlorofluoromethane	CBM	Ave	1985 346616	3611 714516	15313 1786881	36815 3644722	69099	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Trichlorofluoromethane	CBM	Ave	2113 376069	3674 748141	16116 1850929	36136 3763672	68978	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Pentane	CBM	Ave	+++++ 274530	3753 550266	12321 1426288	31212 2916419	56577	+++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-243209-1

Analy Batch No.: 695409

SDG No.:

Instrument ID: HP8R004

GC Column: Rtx-VMS 60 ID: 0.25(mm)

Heated Purge: (Y/N) N

Calibration Start Date: 09/05/2025 20:29

Calibration End Date: 09/06/2025 00:20

Calibration ID: 76504

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Ethanol	CBM	Ave	++++ 36855	++++ 76456	2591 183997	5154 405464	7902	++++ 5.80	++++ 11.6	0.232 29.0	0.580 58.0	1.16
Acrolein	CBM	Ave	++++ 61924	++++ 139153	478 354802	6483 745896	12770	++++ 5.80	0.0580 11.6	0.232 29.0	0.580 58.0	1.16
1,1-Dichloroethene	CBM	Ave	1392 230093	2384 472538	9406 1201825	25036 2452876	46979	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Freon 113	CBM	Ave	770 181206	2053 369333	7670 896476	14790 1857863	30231	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Acetone	CBM	Ave	++++ 246595	3847 493084	12288 1251623	26964 2579146	49190	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Isopropanol	CBM	Ave	++++ 172402	++++ 363830	8522 948055	21679 2022160	37644	++++ 5.00	++++ 10.0	0.200 25.0	0.500 50.0	1.00
Iodomethane	CBM	Ave	++++ 278584	++++ 582634	6448 1626795	25423 3474990	49218	++++ 5.00	++++ 10.0	0.200 25.0	0.500 50.0	1.00
Carbon disulfide	CBM	Ave	3515 480046	6023 974213	22634 2408349	49879 4889119	91695	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Acetonitrile	CBM	Ave	++++ 152273	++++ 309646	7531 768518	15193 1580931	29269	++++ 5.80	++++ 11.6	0.232 29.0	0.580 58.0	1.16
3-Chloroprene	CBM	Ave	1165 204193	1961 414898	8913 1080526	23346 2224279	41379	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Methylene Chloride	CBM	Ave	984 128295	1574 258700	5957 633592	13838 1297250	25134	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
tert-Butyl alcohol	CBM	Ave	668 194399	1851 408817	8724 1046450	16114 2257847	32202	0.0285 5.70	0.0570 11.4	0.228 28.5	0.570 57.0	1.14
Acrylonitrile	CBM	Ave	++++ 133765	1431 274739	6191 709900	13805 1461558	27718	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Methyl t-butyl ether	CBM	Ave	1680 387365	3143 803026	14694 2067988	31178 4286753	64908	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
trans-1,2-Dichloroethene	CBM	Ave	1385 248654	2621 501814	9797 1275008	24934 2595213	49780	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Hexane	CBM	Ave	960 123640	1481 248147	5674 636985	14370 1307361	25602	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Vinyl acetate	CBM	Ave	++++ 32110	++++ 68724	1261 187157	3212 395538	6270	++++ 5.65	++++ 11.3	0.226 28.3	0.565 56.5	1.13
1,1-Dichloroethane	CBM	Ave	++++ 296789	3031 590986	12324 1492724	34392 3008541	59673	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
di-Isopropyl ether	CBM	Ave	2631 567286	6010 1165607	22673 2964265	48063 6046990	98878	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Ethyl tert-butyl ether	CBM	Ave	1362 464886	3778 965331	18858 2528022	38114 5316181	80545	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-243209-1

Analy Batch No.: 695409

SDG No.:

Instrument ID: HP8R004

GC Column: Rtx-VMS 60 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 09/05/2025 20:29

Calibration End Date: 09/06/2025 00:20

Calibration ID: 76504

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2-Butanone	CBM	Ave	++++ 77604	++++ 154877	2550 410189	7640 840426	14355	++++ 5.00	++++ 10.0	0.200 25.0	0.500 50.0	1.00
cis-1,2-Dichloroethene	CBM	Ave	1924 272846	2638 564809	11253 1435735	29372 2928294	54977	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Ethyl acetate	CBM	Ave	++++ 40830	++++ 81708	1525 210529	3869 430916	6988	++++ 5.00	++++ 10.0	0.200 25.0	0.500 50.0	1.00
Methyl acrylate	CBM	Ave	++++ 305205	++++ 613282	11685 1617745	30953 3321548	58579	++++ 5.00	++++ 10.0	0.200 25.0	0.500 50.0	1.00
Tetrahydrofuran	CBM	Ave	++++ 201167	3069 388214	8638 1025552	19136 2097842	39340	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Chloroform	CBM	Ave	2173 330798	3722 660369	14183 1672485	39393 3388089	69382	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,1,1-Trichloroethane	CBM	Ave	2114 302252	3196 605774	13170 1548139	30475 3175089	58160	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Cyclohexane	CBM	Ave	1556 241601	2635 508911	10052 1318910	23610 2745481	44163	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Carbon tetrachloride	CBM	Ave	1547 297061	3211 605095	11764 1553766	30386 3227914	55638	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Benzene	DFBZ	Ave	++++ 482902	6908 971438	19467 2477273	55431 4992209	100140	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,2-Dichloroethane	DFBZ	Ave	1415 231578	2971 457290	9467 1147455	26907 2344485	48041	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Tert-amyl methyl ether	DFBZ	Ave	2010 416614	3850 868518	15944 2284857	31929 4787476	69864	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Isooctane	DFBZ	Ave	4739 815725	8183 1688941	32768 4301124	77030 8850244	145205	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Heptane	DFBZ	Ave	764 157390	1862 329879	5463 876291	16767 1798834	30085	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Trichloroethene	DFBZ	Ave	1428 188082	2444 376107	8194 962801	22041 1986638	39689	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Ethyl acrylate	DFBZ	Ave	++++ 364245	3508 743456	13580 2022683	31490 4195507	67852	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,2-Dichloropropane	DFBZ	Ave	1560 211234	2829 411478	9016 1072481	24809 2174438	43359	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Methyl methacrylate	DFBZ	Ave	++++ 173231	1773 353469	6970 965838	16010 1996826	32674	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,4-Dioxane	DFBZ	Ave	++++ 73885	761 153288	3476 407662	5310 860123	12045	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Dibromomethane	DFBZ	Ave	++++ 167769	2650 335774	7483 863333	20875 1776181	35108	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-243209-1

Analy Batch No.: 695409

SDG No.:

Instrument ID: HP8R004

GC Column: Rtx-VMS 60 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 09/05/2025 20:29

Calibration End Date: 09/06/2025 00:20

Calibration ID: 76504

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Bromodichloromethane	DFBZ	Ave	2434 357759	4391 711929	14841 1849685	42008 3765372	74943	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
cis-1,3-Dichloropropene	DFBZ	Ave	2013 297354	3214 595918	11879 1612391	32349 3335094	59941	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
4-Methyl-2-pentanone	DFBZ	Ave	++++ 409779	5522 853663	18431 2265519	28960 4643348	66640	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Toluene	CBZd5	Ave	++++ 580929	8554 1156156	26787 2999611	69903 6017145	121581	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Octane	CBZd5	Ave	3284 435775	4870 900672	17735 2385625	46313 4836516	85796	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
trans-1,3-Dichloropropene	CBZd5	Ave	1546 241556	2269 486567	9548 1309183	26382 2700361	48488	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Ethyl methacrylate	CBZd5	Ave	++++ 283501	2587 593541	11178 1609496	20293 3336766	46320	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,1,2-Trichloroethane	CBZd5	Ave	1305 203892	2482 401359	9432 1040158	23722 2111979	43317	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Tetrachloroethene	CBZd5	Ave	++++ 234035	++++ 468525	13087 1230521	28112 2524505	50352	++++ 5.00	++++ 10.0	0.200 25.0	0.500 50.0	1.00
2-Hexanone	CBZd5	Ave	2873 391499	3542 823053	16694 2175064	31581 4456346	66165	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Dibromochloromethane	CBZd5	Ave	1764 257386	2790 519722	10968 1385800	28833 2843007	53359	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,2-Dibromoethane	CBZd5	Ave	2153 299987	3425 609217	12844 1616369	34100 3288129	64217	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Chlorobenzene	CBZd5	Ave	2883 423552	5249 849136	18439 2245691	49433 4522503	90598	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Ethylbenzene	CBZd5	Ave	3947 717486	7879 1451813	30018 3934163	77857 7834640	144529	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,1,1,2-Tetrachloroethane	CBZd5	Ave	1189 219222	2070 441236	9253 1183654	23408 2442605	44351	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
m&p-Xylene	CBZd5	Ave	5458 1082252	10569 2206991	43315 6011273	112511 11823993	211395	0.0500 10.0	0.100 20.0	0.400 50.0	1.00 100	2.00
o-Xylene	CBZd5	Ave	2147 545012	5270 1115177	22359 3057654	55505 6174689	107979	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Styrene	CBZd5	Ave	1962 406452	3510 835325	15135 2319733	39689 4697218	76747	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Bromoform	CBZd5	Ave	1458 282762	3088 575790	11731 1606783	30901 3343737	58457	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Cumene	CBZd5	Ave	3164 694599	6259 1444456	26249 3947605	67039 7867984	131196	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-243209-1

Analy Batch No.: 695409

SDG No.:

Instrument ID: HP8R004

GC Column: Rtx-VMS 60 ID: 0.25(mm)

Heated Purge: (Y/N) N

Calibration Start Date: 09/05/2025 20:29

Calibration End Date: 09/06/2025 00:20

Calibration ID: 76504

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,1,2,2-Tetrachloroethane	CBZd5	Ave	2174 465352	4860 913927	21183 2499397	47656 5028600	91259	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,2,3-Trichloropropane	CBZd5	Ave	++++ 108229	1205 214245	5092 582379	11566 1196664	21613	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Bromobenzene	CBZd5	Ave	1054 224695	2269 445585	9405 1240825	24562 2556923	46178	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
N-Propylbenzene	CBZd5	Ave	556 186101	1517 385200	7888 1067089	17638 2195771	35093	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
4-Ethyltoluene	CBZd5	Ave	2499 684658	5992 1417053	26309 3952609	63593 7857336	127754	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
2-Chlorotoluene	CBZd5	Ave	901 172643	1543 353747	6880 984953	17832 2011084	34638	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,3,5-Trimethylbenzene	CBZd5	Ave	2009 611446	5642 1237413	24613 3447487	55807 6937944	111574	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Alpha Methyl Styrene	CBZd5	Ave	1163 296831	2875 616015	10349 1851403	28855 3863016	54445	0.0290 5.80	0.0580 11.6	0.232 29.0	0.580 58.0	1.16
tert-Butylbenzene	CBZd5	Ave	2383 535918	5686 1108624	21231 3102641	46498 6308636	97654	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,2,4-Trimethylbenzene	CBZd5	Ave	2384 590850	5344 1223452	24788 3464769	49631 6941757	104209	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
sec-Butylbenzene	CBZd5	Ave	3272 832429	7260 1718116	33352 4820314	71685 9509605	149453	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
p-Isopropyltoluene	CBZd5	Ave	3548 649830	6531 1341822	26475 3885126	50321 7804416	110501	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,3-Dichlorobenzene	CBZd5	Ave	1664 382821	3881 765583	16206 2191237	37386 4473109	73758	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,4-Dichlorobenzene	CBZd5	Ave	1548 381476	3764 760746	16516 2209046	37394 4498015	73543	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Benzyl chloride	CBZd5	Ave	++++ 87158	++++ 182783	3622 570138	7284 1240429	14951	++++ 5.00	++++ 10.0	0.200 25.0	0.500 50.0	1.00
n-Butylbenzene	CBZd5	Ave	1728 358352	3455 748599	14322 2226033	27526 4530910	60814	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,2-Dichlorobenzene	CBZd5	Ave	1649 352390	3204 719932	14634 2083291	33819 4242228	70411	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Hexachloroethane	CBZd5	Ave	1236 218060	2042 443793	6670 1455195	21250 3050841	41487	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,2-Dibromo-3-Chloropropane	CBZd5	Ave	770 170673	1679 348470	7511 1048227	12884 2211506	28102	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,2,4-Trichlorobenzene	CBZd5	Ave	++++ 243439	1663 501011	7187 1483656	20324 3153399	43499	++++ 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243209-1 Analy Batch No.: 695409
Environment Testing, LLC

SDG No.: _____

Instrument ID: HP8R004 GC Column: Rtx-VMS 60 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/05/2025 20:29 Calibration End Date: 09/06/2025 00:20 Calibration ID: 76504

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Hexachlorobutadiene	CBZd5	Ave	1431 194953	2166 406159	9926 1201854	17628 2555893	36406	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
Naphthalene	CBZd5	Ave	2614 591068	4249 1256139	17916 3566477	46681 7512997	99515	0.0250 5.00	0.0500 10.0	0.200 25.0	0.500 50.0	1.00
1,2-Dichloroethane-d4 (Surr)	CBM	Ave	550025 565118	542105 562899	534177 568078	546138 583317	545262	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0
Toluene-d8 (Surr)	CBZd5	Ave	1396044 1429367	1381644 1446975	1333672 1480674	1377598 1513087	1394732	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0

Curve Type Legend:

Ave = Average ISTD

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243209-1 Analy Batch No.: 701420
Environment Testing, LLC

SDG No.:

Instrument ID: HP8R004 GC Column: Rtx-VMS 60m ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2025 02:14 Calibration End Date: 09/19/2025 09:55 Calibration ID: 76964

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-701420/20	7S18X25.D
Level 2	IC 410-701420/21	7S18X18.D
Level 3	IC 410-701420/22	7S18X19.D
Level 4	IC 410-701420/23	7S18X20.D
Level 5	IC 410-701420/24	7S18X21.D
Level 6	IC 410-701420/25	7S18X22.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	0.7423 1.0476	1.0207	1.0494	1.0144	1.0209	Ave		0.982 5				12.1		30.0			
1,1,1-Trifluoro-2,2-dichloroethane	1.8906 1.9556	2.0421	2.0489	1.9807	1.9383	Ave		1.976 0				3.1		30.0			
1,1,1-Trichloro-2,2,2-trifluoroethane	1.3683 1.5157	1.4604	1.5982	1.5541	1.4855	Ave		1.497 0				5.3		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243209-1 Analy Batch No.: 701420
Environment Testing, LLC

SDG No.: _____

Instrument ID: HP8R004 GC Column: Rtx-VMS 60 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2025 02:14 Calibration End Date: 09/19/2025 09:55 Calibration ID: 76964

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-701420/20	7S18X25.D
Level 2	IC 410-701420/21	7S18X18.D
Level 3	IC 410-701420/22	7S18X19.D
Level 4	IC 410-701420/23	7S18X20.D
Level 5	IC 410-701420/24	7S18X21.D
Level 6	IC 410-701420/25	7S18X22.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	CBM	Ave	4485 840037	16013	32431	158496	329623	0.200 25.0	0.500	1.00	5.00	10.0
1,1,1-Trifluoro-2,2-dichloroethane	CBM	Ave	11424 1568164	32036	63318	309476	625813	0.200 25.0	0.500	1.00	5.00	10.0
1,1,1-Trichloro-2,2,2-trifluoroethane	CBM	Ave	8268 1215468	22911	49390	242826	479602	0.200 25.0	0.500	1.00	5.00	10.0

Curve Type Legend:

Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-243209-1

SDG No.:

Lab Sample ID: ICV 410-695409/17

Calibration Date: 09/06/2025 03:25

Instrument ID: HP8R004

Calib Start Date: 09/05/2025 20:29

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Calib End Date: 09/06/2025 00:20

Lab File ID: 7S05X17.D

Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Ave	0.7599	0.7138		9.39	10.0	-6.1	30.0
Dichlorodifluoromethane	Ave	2.250	2.271		10.1	10.0	0.9	30.0
Chlorodifluoromethane	Ave	1.299	1.487		11.5	10.0	14.5	30.0
Freon-114	Ave	2.030	2.291		11.3	10.0	12.8	30.0
Chloromethane	Ave	0.8538	0.8587		10.1	10.0	0.6	30.0
Vinyl chloride	Ave	0.8472	0.9341		11.0	10.0	10.3	30.0
1,3-Butadiene	Ave	0.6655	0.6591		9.90	10.0	-1.0	30.0
Bromomethane	Ave	0.6330	0.6280		9.92	10.0	-0.8	30.0
Chloroethane	Ave	0.5019	0.4723		9.41	10.0	-5.9	30.0
Bromoethene	Ave	0.7231	0.7672		10.6	10.0	6.1	30.0
Dichlorofluoromethane	Ave	2.103	2.129		10.1	10.0	1.2	30.0
Trichlorofluoromethane	Ave	2.176	2.130		9.79	10.0	-2.1	30.0
Pentane	Ave	1.729	1.625		9.40	10.0	-6.0	30.0
Ethanol	Ave	0.2181	0.2402		11.0	10.0	10.1	30.0
Acrolein	Ave	0.3234	0.3260		11.4	11.3	0.8	30.0
1,1-Dichloroethene	Ave	1.404	1.509		10.8	10.0	7.5	30.0
Acetone	Ave	1.590	1.443		9.08	10.0	-9.2	30.0
Freon 113	Ave	1.011	1.133		11.2	10.0	12.1	30.0
Isopropanol	Ave	1.115	0.9743		8.74	10.0	-12.6	30.0
Iodomethane	Ave	1.545	1.755		11.4	10.0	13.6	30.0
Carbon disulfide	Ave	3.062	2.581		8.43	10.0	-15.7	30.0
Acetonitrile	Ave	0.7786	0.8620		11.1	10.0	10.7	30.0
3-Chloroprene	Ave	1.245	1.294		10.4	10.0	4.0	30.0
Methylene Chloride	Ave	0.8234	0.8085		9.82	10.0	-1.8	30.0
tert-Butyl alcohol	Ave	0.9472	1.042		12.2	11.1	10.0	30.0
Acrylonitrile	Ave	0.8138	0.8025		9.86	10.0	-1.4	30.0
Methyl t-butyl ether	Ave	2.096	2.313		11.0	10.0	10.3	30.0
trans-1,2-Dichloroethene	Ave	1.472	1.400		9.51	10.0	-4.9	30.0
Hexane	Ave	0.8094	0.7139		8.82	10.0	-11.8	30.0
Vinyl acetate	Ave	0.1718	0.1984		11.6	10.0	15.5	30.0
1,1-Dichloroethane	Ave	1.757	1.744		9.93	10.0	-0.7	30.0
di-Isopropyl ether	Ave	3.208	3.363		10.5	10.0	4.8	30.0
Ethyl tert-butyl ether	Ave	2.479	2.774		11.2	10.0	11.9	30.0
2-Butanone	Ave	0.4343	0.4480		10.3	10.0	3.2	30.0
cis-1,2-Dichloroethene	Ave	1.689	1.651		9.78	10.0	-2.2	30.0
Ethyl acetate	Ave	0.2270	0.2212		9.74	10.0	-2.6	30.0
Methyl acrylate	Ave	1.763	1.760		9.98	10.0	-0.2	30.0
Tetrahydrofuran	Ave	1.237	1.162		9.39	10.0	-6.1	30.0
Chloroform	Ave	2.079	1.956		9.41	10.0	-5.9	30.0
1,1,1-Trichloroethane	Ave	1.860	1.794		9.65	10.0	-3.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-243209-1

SDG No.:

Lab Sample ID: ICV 410-695409/17

Calibration Date: 09/06/2025 03:25

Instrument ID: HP8R004

Calib Start Date: 09/05/2025 20:29

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Calib End Date: 09/06/2025 00:20

Lab File ID: 7S05X17.D

Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Cyclohexane	Ave	1.484	1.458		9.83	10.0	-1.7	30.0
Carbon tetrachloride	Ave	1.754	1.779		10.1	10.0	1.4	30.0
Benzene	Ave	0.8043	0.7533		9.37	10.0	-6.3	30.0
1,2-Dichloroethane	Ave	0.3847	0.3517		9.14	10.0	-8.6	30.0
Tert-amyl methyl ether	Ave	0.6186	0.6566		10.6	10.0	6.1	30.0
Isooctane	Ave	1.276	1.256		9.85	10.0	-1.5	30.0
Heptane	Ave	0.2504	0.2563		10.2	10.0	2.4	30.0
Trichloroethene	Ave	0.3286	0.2963		9.02	10.0	-9.8	30.0
Ethyl acrylate	Ave	0.5536	0.6008		10.9	10.0	8.5	30.0
1,2-Dichloropropane	Ave	0.3651	0.3153		8.64	10.0	-13.6	30.0
Methyl methacrylate	Ave	0.2706	0.2709		10.0	10.0	0.1	30.0
1,4-Dioxane	Ave	0.1134	0.1249		11.0	10.0	10.1	30.0
Dibromomethane	Ave	0.2922	0.2559		8.76	10.0	-12.4	30.0
Bromodichloromethane	Ave	0.6070	0.5462		9.00	10.0	-10.0	30.0
cis-1,3-Dichloropropene	Ave	0.4939	0.4497		9.10	10.0	-9.0	30.0
4-Methyl-2-pentanone	Ave	0.6477	0.6765		10.5	10.0	4.5	30.0
Toluene	Ave	1.087	0.9625		8.86	10.0	-11.4	30.0
Octane	Ave	0.8029	0.7462		9.29	10.0	-7.1	30.0
trans-1,3-Dichloropropene	Ave	0.4263	0.4378		10.3	10.0	2.7	30.0
Ethyl methacrylate	Ave	0.4596	0.5113		11.1	10.0	11.2	30.0
1,1,2-Trichloroethane	Ave	0.3761	0.3286		8.74	10.0	-12.6	30.0
Tetrachloroethene	Ave	0.4364	0.3966		9.09	10.0	-9.1	30.0
2-Hexanone	Ave	0.6815	0.7246		10.6	10.0	6.3	30.0
Dibromochloromethane	Ave	0.4716	0.4340		9.20	10.0	-8.0	30.0
1,2-Dibromoethane	Ave	0.5596	0.5047		9.02	10.0	-9.8	30.0
Chlorobenzene	Ave	0.7915	0.6946		8.78	10.0	-12.3	30.0
Ethylbenzene	Ave	1.270	1.203		9.47	10.0	-5.3	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3810	0.3669		9.63	10.0	-3.7	30.0
m&p-Xylene	Ave	0.9260	0.9431		10.2	10.0	1.8	30.0
o-Xylene	Ave	0.9165	0.9113		9.94	10.0	-0.6	30.0
Styrene	Ave	0.6780	0.6771		9.99	10.0	-0.1	30.0
Bromoform	Ave	0.5048	0.4982		9.87	10.0	-1.3	30.0
Cumene	Ave	1.155	1.197		10.4	10.0	3.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8001	0.7364		9.20	10.0	-8.0	30.0
1,2,3-Trichloropropane	Ave	0.1929	0.1789		9.27	10.0	-7.3	30.0
Bromobenzene	Ave	0.3898	0.3642		9.34	10.0	-6.6	30.0
N-Propylbenzene	Ave	0.3008	0.3131		10.4	10.0	4.1	30.0
2-Chlorotoluene	Ave	0.2976	0.2886		9.70	10.0	-3.0	30.0
4-Ethyltoluene	Ave	1.111	1.181		10.6	10.0	6.3	30.0
1,3,5-Trimethylbenzene	Ave	0.9841	0.9866		10.0	10.0	0.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-243209-1

SDG No.:

Lab Sample ID: ICV 410-695409/17

Calibration Date: 09/06/2025 03:25

Instrument ID: HP8R004

Calib Start Date: 09/05/2025 20:29

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Calib End Date: 09/06/2025 00:20

Lab File ID: 7S05X17.D

Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Alpha Methyl Styrene	Ave	0.4306	0.4504		10.5	10.0	4.6	30.0
tert-Butylbenzene	Ave	0.9024	0.9158		10.2	10.0	1.5	30.0
1,2,4-Trimethylbenzene	Ave	0.9703	0.9648		9.94	10.0	-0.6	30.0
sec-Butylbenzene	Ave	1.349	1.410		10.5	10.0	4.5	30.0
p-Isopropyltoluene	Ave	1.103	1.088		9.87	10.0	-1.4	30.0
1,3-Dichlorobenzene	Ave	0.6527	0.6106		9.36	10.0	-6.4	30.0
1,4-Dichlorobenzene	Ave	0.6479	0.6182		9.54	10.0	-4.6	30.0
Benzyl chloride	Ave	0.1551	0.1524		9.82	10.0	-1.8	30.0
n-Butylbenzene	Ave	0.6030	0.6008		9.96	10.0	-0.4	30.0
1,2-Dichlorobenzene	Ave	0.6040	0.5728		9.48	10.0	-5.2	30.0
Hexachloroethane	Ave	0.3831	0.3699		9.66	10.0	-3.4	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2878	0.2935		10.2	10.0	2.0	30.0
1,2,4-Trichlorobenzene	Ave	0.3885	0.4294		11.1	10.0	10.5	30.0
Hexachlorobutadiene	Ave	0.3715	0.3406		9.17	10.0	-8.3	30.0
Naphthalene	Ave	0.9311	0.9419		11.7	11.6	1.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-243209-1

SDG No.:

Lab Sample ID: CCVIS 410-701420/4

Calibration Date: 09/18/2025 18:29

Instrument ID: HP8R004

Calib Start Date: 09/05/2025 20:29

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Calib End Date: 09/06/2025 00:20

Lab File ID: 7S18X02.D

Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propene	Ave	0.7599	0.7043		9.27	10.0	-7.3	30.0
Dichlorodifluoromethane	Ave	2.250	2.216		9.85	10.0	-1.5	30.0
Chlorodifluoromethane	Ave	1.299	1.353		10.4	10.0	4.2	30.0
Freon-114	Ave	2.030	2.161		10.6	10.0	6.4	30.0
Chloromethane	Ave	0.8538	0.8194		9.60	10.0	-4.0	30.0
n-Butane	Ave	1.449	1.221		8.43	10.0	-15.7	30.0
Vinyl chloride	Ave	0.8472	0.8820		10.4	10.0	4.1	30.0
1,3-Butadiene	Ave	0.6655	0.6411		9.63	10.0	-3.7	30.0
Bromomethane	Ave	0.6330	0.5877		9.28	10.0	-7.2	30.0
Chloroethane	Ave	0.5019	0.4554		9.08	10.0	-9.3	30.0
Bromoethene	Ave	0.7231	0.7474		10.3	10.0	3.4	30.0
Dichlorofluoromethane	Ave	2.103	1.948		9.26	10.0	-7.4	30.0
Trichlorofluoromethane	Ave	2.176	2.073		9.53	10.0	-4.7	30.0
Pentane	Ave	1.729	1.520		8.79	10.0	-12.1	30.0
Ethanol	Ave	0.2181	0.2306		12.3	11.6	5.7	30.0
Acrolein	Ave	0.3234	0.3194		11.5	11.6	-1.2	30.0
1,1-Dichloroethene	Ave	1.404	1.289		9.19	10.0	-8.1	30.0
Acetone	Ave	1.590	1.373		8.63	10.0	-13.7	30.0
Freon 113	Ave	1.011	0.998		9.86	10.0	-1.4	30.0
Isopropanol	Ave	1.115	1.057		9.47	10.0	-5.3	30.0
Iodomethane	Ave	1.545	1.607		10.4	10.0	4.0	30.0
Carbon disulfide	Ave	3.062	2.585		8.44	10.0	-15.6	30.0
Acetonitrile	Ave	0.7786	0.7404		11.0	11.6	-4.9	30.0
3-Chloroprene	Ave	1.245	1.133		9.10	10.0	-9.0	30.0
Methylene Chloride	Ave	0.8234	0.6941		8.43	10.0	-15.7	30.0
tert-Butyl alcohol	Ave	0.9472	1.013		12.2	11.4	7.0	30.0
Acrylonitrile	Ave	0.8138	0.7904		9.71	10.0	-2.9	30.0
Methyl t-butyl ether	Ave	2.096	2.237		10.7	10.0	6.7	30.0
trans-1,2-Dichloroethene	Ave	1.472	1.370		9.31	10.0	-6.9	30.0
Hexane	Ave	0.8094	0.6840		8.45	10.0	-15.5	30.0
Vinyl acetate	Ave	0.1718	0.1601		10.5	11.3	-6.8	30.0
1,1-Dichloroethane	Ave	1.757	1.602		9.12	10.0	-8.8	30.0
di-Isopropyl ether	Ave	3.208	3.135		9.78	10.0	-2.2	30.0
Ethyl tert-butyl ether	Ave	2.479	2.680		10.8	10.0	8.1	30.0
2-Butanone	Ave	0.4343	0.4334		9.98	10.0	-0.2	30.0
cis-1,2-Dichloroethene	Ave	1.689	1.520		9.00	10.0	-10.0	30.0
Ethyl acetate	Ave	0.2270	0.2206		9.72	10.0	-2.8	30.0
Methyl acrylate	Ave	1.763	1.675		9.50	10.0	-5.0	30.0
Tetrahydrofuran	Ave	1.237	1.085		8.77	10.0	-12.3	30.0
Chloroform	Ave	2.079	1.780		8.57	10.0	-14.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-243209-1

SDG No.:

Lab Sample ID: CCVIS 410-701420/4

Calibration Date: 09/18/2025 18:29

Instrument ID: HP8R004

Calib Start Date: 09/05/2025 20:29

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Calib End Date: 09/06/2025 00:20

Lab File ID: 7S18X02.D

Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,1-Trichloroethane	Ave	1.860	1.695		9.11	10.0	-8.9	30.0
Cyclohexane	Ave	1.484	1.381		9.31	10.0	-6.9	30.0
Carbon tetrachloride	Ave	1.754	1.685		9.61	10.0	-4.0	30.0
Benzene	Ave	0.8043	0.6819		8.48	10.0	-15.2	30.0
1,2-Dichloroethane	Ave	0.3847	0.3182		8.27	10.0	-17.3	30.0
Tert-amyl methyl ether	Ave	0.6186	0.6230		10.1	10.0	0.7	30.0
Isooctane	Ave	1.276	1.185		9.29	10.0	-7.1	30.0
Heptane	Ave	0.2504	0.2312		9.23	10.0	-7.7	30.0
Trichloroethene	Ave	0.3286	0.2653		8.07	10.0	-19.3	30.0
Ethyl acrylate	Ave	0.5536	0.5175		9.35	10.0	-6.5	30.0
1,2-Dichloropropane	Ave	0.3651	0.2881		7.89	10.0	-21.1	30.0
Methyl methacrylate	Ave	0.2706	0.2471		9.14	10.0	-8.7	30.0
1,4-Dioxane	Ave	0.1134	0.1168		10.3	10.0	3.0	30.0
Dibromomethane	Ave	0.2922	0.2342		8.01	10.0	-19.9	30.0
Bromodichloromethane	Ave	0.6070	0.4964		8.18	10.0	-18.2	30.0
cis-1,3-Dichloropropene	Ave	0.4939	0.4156		8.41	10.0	-15.9	30.0
4-Methyl-2-pentanone	Ave	0.6477	0.6089		9.40	10.0	-6.0	30.0
Toluene	Ave	1.087	0.9027		8.31	10.0	-16.9	30.0
Octane	Ave	0.8029	0.6940		8.64	10.0	-13.6	30.0
trans-1,3-Dichloropropene	Ave	0.4263	0.3889		9.12	10.0	-8.8	30.0
Ethyl methacrylate	Ave	0.4596	0.4654		10.1	10.0	1.3	30.0
1,1,2-Trichloroethane	Ave	0.3761	0.3092		8.22	10.0	-17.8	30.0
Tetrachloroethene	Ave	0.4364	0.3627		8.31	10.0	-16.9	30.0
2-Hexanone	Ave	0.6815	0.6413		9.41	10.0	-5.9	30.0
Dibromochloromethane	Ave	0.4716	0.3976		8.43	10.0	-15.7	30.0
1,2-Dibromoethane	Ave	0.5596	0.4660		8.33	10.0	-16.7	30.0
Chlorobenzene	Ave	0.7915	0.6458		8.16	10.0	-18.4	30.0
Ethylbenzene	Ave	1.270	1.121		8.83	10.0	-11.7	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3810	0.3422		8.98	10.0	-10.2	30.0
m&p-Xylene	Ave	0.9260	0.7848		17.0	20.0	-15.2	30.0
o-Xylene	Ave	0.9165	0.8520		9.30	10.0	-7.0	30.0
Styrene	Ave	0.6780	0.6256		9.23	10.0	-7.7	30.0
Bromoform	Ave	0.5048	0.4373		8.66	10.0	-13.4	30.0
Cumene	Ave	1.155	1.087		9.41	10.0	-5.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8001	0.6577		8.22	10.0	-17.8	30.0
1,2,3-Trichloropropane	Ave	0.1929	0.1590		8.24	10.0	-17.6	30.0
Bromobenzene	Ave	0.3898	0.3345		8.58	10.0	-14.2	30.0
N-Propylbenzene	Ave	0.3008	0.2821		9.38	10.0	-6.2	30.0
2-Chlorotoluene	Ave	0.2976	0.2612		8.78	10.0	-12.2	30.0
4-Ethyltoluene	Ave	1.111	1.063		9.56	10.0	-4.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-243209-1

SDG No.:

Lab Sample ID: CCVIS 410-701420/4

Calibration Date: 09/18/2025 18:29

Instrument ID: HP8R004

Calib Start Date: 09/05/2025 20:29

GC Column: Rtx-VMS 60m ID: 0.25 (mm)

Calib End Date: 09/06/2025 00:20

Lab File ID: 7S18X02.D

Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3,5-Trimethylbenzene	Ave	0.9841	0.8944		9.09	10.0	-9.1	30.0
Alpha Methyl Styrene	Ave	0.4306	0.3665		9.87	11.6	-14.9	30.0
tert-Butylbenzene	Ave	0.9024	0.9064		10.0	10.0	0.4	30.0
1,2,4-Trimethylbenzene	Ave	0.9703	0.8890		9.16	10.0	-8.4	30.0
sec-Butylbenzene	Ave	1.349	1.256		9.31	10.0	-6.9	30.0
p-Isopropyltoluene	Ave	1.103	0.9934		9.00	10.0	-10.0	30.0
1,3-Dichlorobenzene	Ave	0.6527	0.5544		8.49	10.0	-15.1	30.0
1,4-Dichlorobenzene	Ave	0.6479	0.5615		8.67	10.0	-13.3	30.0
Benzyl chloride	Ave	0.1551	0.1357		8.75	10.0	-12.5	30.0
n-Butylbenzene	Ave	0.6030	0.5357		8.88	10.0	-11.2	30.0
1,2-Dichlorobenzene	Ave	0.6040	0.5240		8.68	10.0	-13.2	30.0
Hexachloroethane	Ave	0.3831	0.3367		8.79	10.0	-12.1	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2878	0.2572		8.94	10.0	-10.6	30.0
1,2,4-Trichlorobenzene	Ave	0.3885	0.3934		10.1	10.0	1.2	30.0
Hexachlorobutadiene	Ave	0.3715	0.3236		8.71	10.0	-12.9	30.0
Naphthalene	Ave	0.9311	0.9403		10.1	10.0	1.0	30.0

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-243209-1

SDG No.:

Instrument ID: HP8R004

Start Date: 09/05/2025 19:32

Analysis Batch Number: 695409

End Date: 09/06/2025 03:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-695409/1		09/05/2025 19:32	1	7S05T01.D	Rtx-VMS 60m 0.25 (mm)
IC 410-695409/3		09/05/2025 20:29	1	7S05X03.D	Rtx-VMS 60m 0.25 (mm)
IC 410-695409/4		09/05/2025 20:57	1	7S05X04.D	Rtx-VMS 60m 0.25 (mm)
IC 410-695409/5		09/05/2025 21:25	1	7S05X05.D	Rtx-VMS 60m 0.25 (mm)
ZZZZZ (QC)		09/05/2025 21:25	1		Rtx-VMS 60m 0.25 (mm)
IC 410-695409/6		09/05/2025 21:53	1	7S05X06.D	Rtx-VMS 60m 0.25 (mm)
IC 410-695409/7		09/05/2025 22:21	1	7S05X07.D	Rtx-VMS 60m 0.25 (mm)
IC 410-695409/8		09/05/2025 22:50	1	7S05X08.D	Rtx-VMS 60m 0.25 (mm)
ICISAV 410-695409/9		09/05/2025 23:21	1	7S05X09.D	Rtx-VMS 60m 0.25 (mm)
CCVIS 410-695409/1009		09/05/2025 23:21	1		Rtx-VMS 60m 0.25 (mm)
IC 410-695409/10		09/05/2025 23:49	1	7S05X10.D	Rtx-VMS 60m 0.25 (mm)
IC 410-695409/11		09/06/2025 00:20	1	7S05X11.D	Rtx-VMS 60m 0.25 (mm)
ZZZZZ (QC)		09/06/2025 02:54	1		Rtx-VMS 60m 0.25 (mm)
ICV 410-695409/17		09/06/2025 03:25	1	7S05X17.D	Rtx-VMS 60m 0.25 (mm)
ZZZZZ (QC)		09/06/2025 03:25	1		Rtx-VMS 60m 0.25 (mm)
ICV 410-695409/18		09/06/2025 03:56	1	7S05X18.D	Rtx-VMS 60m 0.25 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-243209-1

SDG No.:

Instrument ID: HP8R004

Start Date: 09/18/2025 17:29

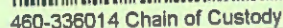
Analysis Batch Number: 701420

End Date: 09/19/2025 17:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-701420/2		09/18/2025 17:29	1	7S18T01.D	Rtx-VMS 60m 0.25 (mm)
CCVIS 410-701420/4		09/18/2025 18:29	1	7S18X02.D	Rtx-VMS 60m 0.25 (mm)
LCS 410-701420/5		09/18/2025 18:59	1	7S18X03.D	Rtx-VMS 60m 0.25 (mm)
ZZZZZ (QC)		09/18/2025 18:59	1		Rtx-VMS 60m 0.25 (mm)
LCSD 410-701420/6		09/18/2025 19:29	1	7S18X04.D	Rtx-VMS 60m 0.25 (mm)
ZZZZZ (QC)		09/18/2025 19:29	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (QC)		09/18/2025 19:59	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (QC)		09/18/2025 20:30	1		Rtx-VMS 60m 0.25 (mm)
MB 410-701420/12		09/18/2025 21:31	1	7S18X09.D	Rtx-VMS 60m 0.25 (mm)
410-243209-1	1807	09/18/2025 22:02	1	7S18X10.D	Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		09/18/2025 22:33	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		09/18/2025 23:17	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		09/18/2025 23:48	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		09/19/2025 00:18	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		09/19/2025 00:49	1		Rtx-VMS 60m 0.25 (mm)
IC 410-701420/21		09/19/2025 02:14	1	7S18X18.D	Rtx-VMS 60m 0.25 (mm)
IC 410-701420/22		09/19/2025 02:42	1	7S18X19.D	Rtx-VMS 60m 0.25 (mm)
IC 410-701420/23		09/19/2025 03:11	1	7S18X20.D	Rtx-VMS 60m 0.25 (mm)
IC 410-701420/24		09/19/2025 03:41	1	7S18X21.D	Rtx-VMS 60m 0.25 (mm)
IC 410-701420/25		09/19/2025 04:18	1	7S18X22.D	Rtx-VMS 60m 0.25 (mm)
IC 410-701420/20		09/19/2025 09:55	1	7S18X25.D	Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		09/19/2025 10:59	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		09/19/2025 13:34	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		09/19/2025 14:05	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		09/19/2025 14:36	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		09/19/2025 15:07	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		09/19/2025 15:37	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		09/19/2025 16:08	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		09/19/2025 16:39	1		Rtx-VMS 60m 0.25 (mm)
ZZZZZ (Client)		09/19/2025 17:09	1		Rtx-VMS 60m 0.25 (mm)

Subcontract Data

Shipping and Receiving Documents



Bottle Order (SCR) #

200440
460-336012

Client Information				Turnaround Time Requested (TAT) (circle one)				Analyses Requested																																			
Client		Account #		Standard		Rush (specify)		EPA TO - 15		EPA 18		EPA 25 (select range below)		Helium as tracer		O2/CO2		Library Search																									
Project Name/##				Data Package Required?		EDD Required?		Temperature (F)		Pressure (inHg)		EPA 18		EPA 25 (select range below)		Helium as tracer		O2/CO2		Library Search																							
Project Manager				Yes		No		Yes		No		Start		Stop		Start		Stop		Start		Stop																					
Sampler				Ambient		Maximum		Minimum		Ambient		Maximum		Minimum		Ambient		Maximum		Minimum		Ambient		Maximum		Minimum																	
Name of state where samples were collected				Start Date/Time (24-hour clock)		Stop Date/Time (24-hour clock)		Canister Pressure in Field (inHg) (Start)		Canister Pressure in Field (inHg) (Stop)		Interior Temp. (F) (Start)		Interior Temp. (F) (Stop)		Flow Reg. ID		Can ID		Can Size (L)		Controller Flowrate (mL/min)		EPA TO - 15		EPA 18		EPA 25 (select range below)		Helium as tracer		O2/CO2		Library Search									
AKRF				23-56 Broadway Phase II		Patrick Diggins		250825		C. MacArthur		NY		SU-01-20250929		11:25		12:30		-28.57		-5.88		77		78		A94009		1628		6		40.1		42.3		42.6		42.9		43.4	
C. MacArthur				23-56 Broadway Phase II		Patrick Diggins		250825		C. MacArthur		NY		AA-01-20250929		11:20		12:40		-28.75		-6.84		77		78		A101014		1228		6		47.6		42.3		42.6		42.9		43.4	
C. MacArthur				23-56 Broadway Phase II		Patrick Diggins		250825		C. MacArthur		NY		SU-01-20250929		11:25		12:30		-28.57		-5.88		77		78		A94009		1628		6		40.1		42.3		42.6		42.9		43.4	
C. MacArthur				23-56 Broadway Phase II		Patrick Diggins		250825		C. MacArthur		NY		AA-01-20250929		11:20		12:40		-28.75		-6.84		77		78		A101014		1228		6		47.6		42.3		42.6		42.9		43.4	
C. MacArthur				23-56 Broadway Phase II		Patrick Diggins		250825		C. MacArthur		NY		SU-01-20250929		11:25		12:30		-28.57		-5.88		77		78		A94009		1628		6		40.1		42.3		42.6		42.9		43.4	
C. MacArthur				23-56 Broadway Phase II		Patrick Diggins		250825		C. MacArthur		NY		AA-01-20250929		11:20		12:40		-28.75		-6.84		77		78		A101014		1228		6		47.6		42.3		42.6		42.9		43.4	
C. MacArthur				23-56 Broadway Phase II		Patrick Diggins		250825		C. MacArthur		NY		SU-01-20250929		11:25		12:30		-28.57		-5.88		77		78		A94009		1628		6		40.1		42.3		42.6		42.9		43.4	
C. MacArthur				23-56 Broadway Phase II		Patrick Diggins		250825		C. MacArthur		NY		AA-01-20250929		11:20		12:40		-28.75		-6.84		77		78		A101014		1228		6		47.6		42.3		42.6		42.9		43.4	
C. MacArthur				23-56 Broadway Phase II		Patrick Diggins		250825		C. MacArthur		NY		SU-01-20250929		11:25		12:30		-28.57		-5.88		77		78		A94009		1628		6		40.1		42.3		42.6		42.9		43.4	
C. MacArthur				23-56 Broadway Phase II		Patrick Diggins		250825		C. MacArthur		NY		AA-01-20250929		11:20		12:40		-28.75		-6.84		77		78		A101014		1228		6		47.6		42.3		42.6		42.9		43.4	
C. MacArthur				23-56 Broadway Phase II		Patrick Diggins		250825		C. MacArthur		NY		SU-01-20250929		11:25		12:30		-28.57		-5.88		77		78		A94009		1628		6		40.1		42.3		42.6		42.9		43.4	
C. MacArthur				23-56 Broadway Phase II		Patrick Diggins		250825		C. MacArthur		NY		AA-01-20250929		11:20		12:40		-28.75		-6.84		77		78		A101014		1228		6		47.6		42.3		42.6		42.9		43.4	
C. MacArthur				23-56 Broadway Phase II		Patrick Diggins		250825		C. MacArthur		NY		SU-01-20250929																													

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-336014-1

Login Number: 336014
List Number: 1
Creator: Rivera, Kenneth

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-336014-1

Login Number: 336014
List Number: 2
Creator: Cyms, Carolyn M

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 09/30/25 05:09 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	N/A	
Cooler Temperature is recorded.	N/A	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-336014-1

Login Number: 336049

List Source: Eurofins Edison

List Number: 1

Creator: Nelson, Rose E

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-336014-1

Login Number: 336049
List Number: 2
Creator: Santiago, Nathaniel

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/01/25 02:50 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature acceptable,where thermal pres is required(<=6C, not frozen).	N/A	
Cooler Temperature is recorded.	N/A	
WV:Container Temp acceptable,where thermal pres is required (<=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
There is sufficient vol. for all requested analyses.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Charles MacArthur
AKRF Inc
440 Park Avenue South
7th Floor
New York, New York 10016

Generated 10/8/2025 4:49:39 PM

JOB DESCRIPTION

23-56 Broadway, Astoria, Queens, NY

JOB NUMBER

460-336090-1

Eurofins Edison

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



Authorized for release by
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Definitions/Glossary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: AKRF Inc
Project: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Job ID: 460-336090-1

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Job Narrative 460-336090-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 9/30/2025 7:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.6°C.

Method 8260D - Volatile Organic Compounds by GC/MS

Samples TW-01_20250930 (460-336090-1), TW-03_20250930 (460-336090-2), TB-01_20250930 (460-336090-3) and TW-04_20250930 (460-336090-4) were analyzed for Volatile Organic Compounds by GC/MS. The samples were analyzed on 10/6/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1066155 was outside the method criteria for the following analyte: 1,2-Dichloroethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1066155 recovered outside control limits for the following analyte: 2-Hexanone. This analyte was biased low in the LCS/LCSD.

Method 8270E - Semivolatile Organic Compounds (GC/MS)

Samples TW-01_20250930 (460-336090-1), TW-03_20250930 (460-336090-2) and TW-04_20250930 (460-336090-4) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared on 10/2/2025 and analyzed on 10/2/2025 and 10/3/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1065454 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane] and Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Samples TW-01_20250930 (460-336090-1), TW-03_20250930 (460-336090-2) and TW-04_20250930 (460-336090-4) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 10/2/2025 and analyzed on 10/3/2025.

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Detection Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Client Sample ID: TW-01_20250930

Lab Sample ID: 460-336090-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.3		1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	9.3		1.0	0.48	ug/L	1		8260D	Total/NA
Tetrachloroethene	140		0.40	0.28	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	5.9		1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	19		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: TW-03_20250930

Lab Sample ID: 460-336090-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	30		1.0	0.48	ug/L	1		8260D	Total/NA
Methylcyclohexane	0.72	J	1.0	0.71	ug/L	1		8260D	Total/NA
n-Butylbenzene	0.36	J	1.0	0.32	ug/L	1		8260D	Total/NA
sec-Butylbenzene	1.6		1.0	0.37	ug/L	1		8260D	Total/NA
Tetrachloroethene	15		0.40	0.28	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	4.3		1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	25		0.28	0.074	ug/L	1		8260D	Total/NA
Phenanthrene	2.6	J	10	1.3	ug/L	1		8270E	Total/NA

Client Sample ID: TB-01_20250930

Lab Sample ID: 460-336090-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.8		5.0	4.4	ug/L	1		8260D	Total/NA

Client Sample ID: TW-04_20250930

Lab Sample ID: 460-336090-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.43	J	1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	28		1.0	0.48	ug/L	1		8260D	Total/NA
sec-Butylbenzene	0.40	J	1.0	0.37	ug/L	1		8260D	Total/NA
Tetrachloroethene	49		0.40	0.28	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	8.4		1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	17		0.28	0.074	ug/L	1		8260D	Total/NA
Butyl benzyl phthalate	1.3	J	10	0.85	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Client Sample ID: TW-01_20250930

Lab Sample ID: 460-336090-1

Date Collected: 09/30/25 08:20

Matrix: Water

Date Received: 09/30/25 19:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/06/25 13:58	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			10/06/25 13:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/06/25 13:58	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			10/06/25 13:58	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/06/25 13:58	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/06/25 13:58	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/06/25 13:58	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/06/25 13:58	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			10/06/25 13:58	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/06/25 13:58	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			10/06/25 13:58	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			10/06/25 13:58	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			10/06/25 13:58	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			10/06/25 13:58	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/06/25 13:58	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			10/06/25 13:58	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			10/06/25 13:58	1
2-Hexanone	5.0	U *	5.0	1.1	ug/L			10/06/25 13:58	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/06/25 13:58	1
Acetone	5.0	U	5.0	4.4	ug/L			10/06/25 13:58	1
Benzene	0.45	U	0.45	0.070	ug/L			10/06/25 13:58	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/06/25 13:58	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/06/25 13:58	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/06/25 13:58	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/06/25 13:58	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/06/25 13:58	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/06/25 13:58	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			10/06/25 13:58	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/06/25 13:58	1
Chloroform	1.3		1.0	0.33	ug/L			10/06/25 13:58	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/06/25 13:58	1
cis-1,2-Dichloroethene	9.3		1.0	0.48	ug/L			10/06/25 13:58	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			10/06/25 13:58	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/06/25 13:58	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			10/06/25 13:58	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/06/25 13:58	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/06/25 13:58	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/06/25 13:58	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/06/25 13:58	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			10/06/25 13:58	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			10/06/25 13:58	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			10/06/25 13:58	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			10/06/25 13:58	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/06/25 13:58	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			10/06/25 13:58	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			10/06/25 13:58	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/06/25 13:58	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			10/06/25 13:58	1
Styrene	1.0	U	1.0	0.42	ug/L			10/06/25 13:58	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Client Sample ID: TW-01_20250930

Lab Sample ID: 460-336090-1

Date Collected: 09/30/25 08:20

Matrix: Water

Date Received: 09/30/25 19:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			10/06/25 13:58	1
Tetrachloroethene	140		0.40	0.28	ug/L			10/06/25 13:58	1
Toluene	1.0	U	1.0	0.38	ug/L			10/06/25 13:58	1
trans-1,2-Dichloroethene	5.9		1.0	0.24	ug/L			10/06/25 13:58	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			10/06/25 13:58	1
Trichloroethene	19		0.28	0.074	ug/L			10/06/25 13:58	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			10/06/25 13:58	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			10/06/25 13:58	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/06/25 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		70 - 128		10/06/25 13:58	1
4-Bromofluorobenzene	98		76 - 120		10/06/25 13:58	1
Dibromofluoromethane (Surr)	97		77 - 132		10/06/25 13:58	1
Toluene-d8 (Surr)	100		80 - 120		10/06/25 13:58	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	5.0	U	5.0	1.2	ug/L		10/02/25 09:46	10/02/25 22:33	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		10/02/25 09:46	10/02/25 22:33	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		10/02/25 09:46	10/02/25 22:33	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		10/02/25 09:46	10/02/25 22:33	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		10/02/25 09:46	10/02/25 22:33	1
2,4,6-Trichlorophenol	3.0	U	3.0	0.86	ug/L		10/02/25 09:46	10/02/25 22:33	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		10/02/25 09:46	10/02/25 22:33	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		10/02/25 09:46	10/02/25 22:33	1
2,4-Dinitrophenol	12	U	12	11	ug/L		10/02/25 09:46	10/02/25 22:33	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		10/02/25 09:46	10/02/25 22:33	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		10/02/25 09:46	10/02/25 22:33	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		10/02/25 09:46	10/02/25 22:33	1
2-Chlorophenol	10	U	10	0.95	ug/L		10/02/25 09:46	10/02/25 22:33	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		10/02/25 09:46	10/02/25 22:33	1
2-Methylphenol	10	U	10	0.67	ug/L		10/02/25 09:46	10/02/25 22:33	1
2-Nitroaniline	10	U	10	1.2	ug/L		10/02/25 09:46	10/02/25 22:33	1
2-Nitrophenol	10	U	10	0.75	ug/L		10/02/25 09:46	10/02/25 22:33	1
3 & 4 Methylphenol	10	U	10	0.64	ug/L		10/02/25 09:46	10/02/25 22:33	1
3,3'-Dichlorobenzidine	5.2	U	5.2	1.4	ug/L		10/02/25 09:46	10/02/25 22:33	1
3-Nitroaniline	10	U	10	1.9	ug/L		10/02/25 09:46	10/02/25 22:33	1
4,6-Dinitro-2-methylphenol	20	U	20	8.6	ug/L		10/02/25 09:46	10/02/25 22:33	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		10/02/25 09:46	10/02/25 22:33	1
4-Chloro-3-methylphenol	10	U	10	1.3	ug/L		10/02/25 09:46	10/02/25 22:33	1
4-Chloroaniline	5.0	U	5.0	1.9	ug/L		10/02/25 09:46	10/02/25 22:33	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		10/02/25 09:46	10/02/25 22:33	1
4-Methylphenol	10	U	10	0.65	ug/L		10/02/25 09:46	10/02/25 22:33	1
4-Nitroaniline	10	U	10	1.2	ug/L		10/02/25 09:46	10/02/25 22:33	1
4-Nitrophenol	20	U	20	4.0	ug/L		10/02/25 09:46	10/02/25 22:33	1
Acenaphthene	10	U	10	1.1	ug/L		10/02/25 09:46	10/02/25 22:33	1
Acenaphthylene	10	U	10	0.82	ug/L		10/02/25 09:46	10/02/25 22:33	1
Acetophenone	10	U	10	2.3	ug/L		10/02/25 09:46	10/02/25 22:33	1
Anthracene	10	U	10	1.3	ug/L		10/02/25 09:46	10/02/25 22:33	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Client Sample ID: TW-01_20250930

Lab Sample ID: 460-336090-1

Date Collected: 09/30/25 08:20

Matrix: Water

Date Received: 09/30/25 19:20

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	2.0	U	2.0	1.3	ug/L		10/02/25 09:46	10/02/25 22:33	1
Benzaldehyde	10	U	10	2.1	ug/L		10/02/25 09:46	10/02/25 22:33	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		10/02/25 09:46	10/02/25 22:33	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		10/02/25 09:46	10/02/25 22:33	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		10/02/25 09:46	10/02/25 22:33	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		10/02/25 09:46	10/02/25 22:33	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		10/02/25 09:46	10/02/25 22:33	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		10/02/25 09:46	10/02/25 22:33	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		10/02/25 09:46	10/02/25 22:33	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		10/02/25 09:46	10/02/25 22:33	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		10/02/25 09:46	10/02/25 22:33	1
Caprolactam	10	U	10	2.2	ug/L		10/02/25 09:46	10/02/25 22:33	1
Carbazole	10	U	10	0.68	ug/L		10/02/25 09:46	10/02/25 22:33	1
Chrysene	2.0	U	2.0	0.91	ug/L		10/02/25 09:46	10/02/25 22:33	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		10/02/25 09:46	10/02/25 22:33	1
Dibenzofuran	10	U	10	1.1	ug/L		10/02/25 09:46	10/02/25 22:33	1
Diethyl phthalate	10	U	10	0.98	ug/L		10/02/25 09:46	10/02/25 22:33	1
Dimethyl phthalate	10	U	10	0.77	ug/L		10/02/25 09:46	10/02/25 22:33	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		10/02/25 09:46	10/02/25 22:33	1
Di-n-octyl phthalate	10	U	10	4.0	ug/L		10/02/25 09:46	10/02/25 22:33	1
Fluoranthene	10	U	10	0.84	ug/L		10/02/25 09:46	10/02/25 22:33	1
Fluorene	10	U	10	0.91	ug/L		10/02/25 09:46	10/02/25 22:33	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		10/02/25 09:46	10/02/25 22:33	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		10/02/25 09:46	10/02/25 22:33	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		10/02/25 09:46	10/02/25 22:33	1
Hexachloroethane	0.80	U	0.80	0.31	ug/L		10/02/25 09:46	10/02/25 22:33	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		10/02/25 09:46	10/02/25 22:33	1
Isophorone	10	U	10	0.80	ug/L		10/02/25 09:46	10/02/25 22:33	1
Naphthalene	2.0	U	2.0	0.54	ug/L		10/02/25 09:46	10/02/25 22:33	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		10/02/25 09:46	10/02/25 22:33	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		10/02/25 09:46	10/02/25 22:33	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		10/02/25 09:46	10/02/25 22:33	1
Pentachlorophenol	20	U	20	6.6	ug/L		10/02/25 09:46	10/02/25 22:33	1
Phenanthrene	10	U	10	1.3	ug/L		10/02/25 09:46	10/02/25 22:33	1
Phenol	10	U	10	0.29	ug/L		10/02/25 09:46	10/02/25 22:33	1
Pyrene	10	U	10	1.6	ug/L		10/02/25 09:46	10/02/25 22:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	92		24 - 150	10/02/25 09:46	10/02/25 22:33	1
2-Fluorobiphenyl	76		38 - 139	10/02/25 09:46	10/02/25 22:33	1
2-Fluorophenol (Surr)	52		10 - 90	10/02/25 09:46	10/02/25 22:33	1
Nitrobenzene-d5 (Surr)	76		39 - 145	10/02/25 09:46	10/02/25 22:33	1
Phenol-d5 (Surr)	37		10 - 68	10/02/25 09:46	10/02/25 22:33	1
Terphenyl-d14 (Surr)	58		10 - 133	10/02/25 09:46	10/02/25 22:33	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.20	U	0.20	0.12	ug/L		10/02/25 08:55	10/03/25 03:53	1
Aroclor 1221	0.20	U	0.20	0.12	ug/L		10/02/25 08:55	10/03/25 03:53	1
Aroclor 1232	0.20	U	0.20	0.12	ug/L		10/02/25 08:55	10/03/25 03:53	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Client Sample ID: TW-01_20250930

Lab Sample ID: 460-336090-1

Date Collected: 09/30/25 08:20

Matrix: Water

Date Received: 09/30/25 19:20

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1242	0.20	U	0.20	0.12	ug/L		10/02/25 08:55	10/03/25 03:53	1
Aroclor 1248	0.20	U	0.20	0.12	ug/L		10/02/25 08:55	10/03/25 03:53	1
Aroclor 1254	0.20	U	0.20	0.11	ug/L		10/02/25 08:55	10/03/25 03:53	1
Aroclor 1260	0.20	U	0.20	0.11	ug/L		10/02/25 08:55	10/03/25 03:53	1
Aroclor 1262	0.20	U	0.20	0.11	ug/L		10/02/25 08:55	10/03/25 03:53	1
Aroclor 1268	0.20	U	0.20	0.11	ug/L		10/02/25 08:55	10/03/25 03:53	1
Polychlorinated biphenyls, Total	0.20	U	0.20	0.12	ug/L		10/02/25 08:55	10/03/25 03:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	57		10 - 127	10/02/25 08:55	10/03/25 03:53	1
DCB Decachlorobiphenyl	66		10 - 127	10/02/25 08:55	10/03/25 03:53	1
Tetrachloro-m-xylene	88		21 - 139	10/02/25 08:55	10/03/25 03:53	1
Tetrachloro-m-xylene	97		21 - 139	10/02/25 08:55	10/03/25 03:53	1

Client Sample ID: TW-03_20250930

Lab Sample ID: 460-336090-2

Date Collected: 09/30/25 11:25

Matrix: Water

Date Received: 09/30/25 19:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/06/25 13:37	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			10/06/25 13:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/06/25 13:37	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			10/06/25 13:37	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/06/25 13:37	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/06/25 13:37	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/06/25 13:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/06/25 13:37	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			10/06/25 13:37	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/06/25 13:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			10/06/25 13:37	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			10/06/25 13:37	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			10/06/25 13:37	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			10/06/25 13:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/06/25 13:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			10/06/25 13:37	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			10/06/25 13:37	1
2-Hexanone	5.0	U *	5.0	1.1	ug/L			10/06/25 13:37	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/06/25 13:37	1
Acetone	5.0	U	5.0	4.4	ug/L			10/06/25 13:37	1
Benzene	0.45	U	0.45	0.070	ug/L			10/06/25 13:37	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/06/25 13:37	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/06/25 13:37	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/06/25 13:37	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/06/25 13:37	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/06/25 13:37	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/06/25 13:37	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			10/06/25 13:37	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/06/25 13:37	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/06/25 13:37	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Client Sample ID: TW-03_20250930

Lab Sample ID: 460-336090-2

Date Collected: 09/30/25 11:25

Matrix: Water

Date Received: 09/30/25 19:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	1.0	U	1.0	0.40	ug/L			10/06/25 13:37	1
cis-1,2-Dichloroethene	30		1.0	0.48	ug/L			10/06/25 13:37	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			10/06/25 13:37	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/06/25 13:37	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			10/06/25 13:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/06/25 13:37	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/06/25 13:37	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/06/25 13:37	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/06/25 13:37	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			10/06/25 13:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			10/06/25 13:37	1
Methylcyclohexane	0.72	J	1.0	0.71	ug/L			10/06/25 13:37	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			10/06/25 13:37	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/06/25 13:37	1
n-Butylbenzene	0.36	J	1.0	0.32	ug/L			10/06/25 13:37	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			10/06/25 13:37	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/06/25 13:37	1
sec-Butylbenzene	1.6		1.0	0.37	ug/L			10/06/25 13:37	1
Styrene	1.0	U	1.0	0.42	ug/L			10/06/25 13:37	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			10/06/25 13:37	1
Tetrachloroethene	15		0.40	0.28	ug/L			10/06/25 13:37	1
Toluene	1.0	U	1.0	0.38	ug/L			10/06/25 13:37	1
trans-1,2-Dichloroethene	4.3		1.0	0.24	ug/L			10/06/25 13:37	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			10/06/25 13:37	1
Trichloroethene	25		0.28	0.074	ug/L			10/06/25 13:37	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			10/06/25 13:37	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			10/06/25 13:37	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/06/25 13:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		70 - 128		10/06/25 13:37	1
4-Bromofluorobenzene	97		76 - 120		10/06/25 13:37	1
Dibromofluoromethane (Surr)	98		77 - 132		10/06/25 13:37	1
Toluene-d8 (Surr)	101		80 - 120		10/06/25 13:37	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	5.0	U	5.0	1.2	ug/L		10/02/25 09:46	10/03/25 06:20	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		10/02/25 09:46	10/03/25 06:20	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		10/02/25 09:46	10/03/25 06:20	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		10/02/25 09:46	10/03/25 06:20	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		10/02/25 09:46	10/03/25 06:20	1
2,4,6-Trichlorophenol	3.0	U	3.0	0.86	ug/L		10/02/25 09:46	10/03/25 06:20	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		10/02/25 09:46	10/03/25 06:20	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		10/02/25 09:46	10/03/25 06:20	1
2,4-Dinitrophenol	12	U	12	11	ug/L		10/02/25 09:46	10/03/25 06:20	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		10/02/25 09:46	10/03/25 06:20	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		10/02/25 09:46	10/03/25 06:20	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		10/02/25 09:46	10/03/25 06:20	1
2-Chlorophenol	10	U	10	0.95	ug/L		10/02/25 09:46	10/03/25 06:20	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Client Sample ID: TW-03_20250930

Lab Sample ID: 460-336090-2

Date Collected: 09/30/25 11:25

Matrix: Water

Date Received: 09/30/25 19:20

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		10/02/25 09:46	10/03/25 06:20	1
2-Methylphenol	10	U	10	0.67	ug/L		10/02/25 09:46	10/03/25 06:20	1
2-Nitroaniline	10	U	10	1.2	ug/L		10/02/25 09:46	10/03/25 06:20	1
2-Nitrophenol	10	U	10	0.75	ug/L		10/02/25 09:46	10/03/25 06:20	1
3 & 4 Methylphenol	10	U	10	0.64	ug/L		10/02/25 09:46	10/03/25 06:20	1
3,3'-Dichlorobenzidine	5.2	U	5.2	1.4	ug/L		10/02/25 09:46	10/03/25 06:20	1
3-Nitroaniline	10	U	10	1.9	ug/L		10/02/25 09:46	10/03/25 06:20	1
4,6-Dinitro-2-methylphenol	20	U	20	8.6	ug/L		10/02/25 09:46	10/03/25 06:20	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		10/02/25 09:46	10/03/25 06:20	1
4-Chloro-3-methylphenol	10	U	10	1.3	ug/L		10/02/25 09:46	10/03/25 06:20	1
4-Chloroaniline	5.0	U	5.0	1.9	ug/L		10/02/25 09:46	10/03/25 06:20	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		10/02/25 09:46	10/03/25 06:20	1
4-Methylphenol	10	U	10	0.65	ug/L		10/02/25 09:46	10/03/25 06:20	1
4-Nitroaniline	10	U	10	1.2	ug/L		10/02/25 09:46	10/03/25 06:20	1
4-Nitrophenol	20	U	20	4.0	ug/L		10/02/25 09:46	10/03/25 06:20	1
Acenaphthene	10	U	10	1.1	ug/L		10/02/25 09:46	10/03/25 06:20	1
Acenaphthylene	10	U	10	0.82	ug/L		10/02/25 09:46	10/03/25 06:20	1
Acetophenone	10	U	10	2.3	ug/L		10/02/25 09:46	10/03/25 06:20	1
Anthracene	10	U	10	1.3	ug/L		10/02/25 09:46	10/03/25 06:20	1
Atrazine	2.0	U	2.0	1.3	ug/L		10/02/25 09:46	10/03/25 06:20	1
Benzaldehyde	10	U	10	2.1	ug/L		10/02/25 09:46	10/03/25 06:20	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		10/02/25 09:46	10/03/25 06:20	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		10/02/25 09:46	10/03/25 06:20	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		10/02/25 09:46	10/03/25 06:20	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		10/02/25 09:46	10/03/25 06:20	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		10/02/25 09:46	10/03/25 06:20	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		10/02/25 09:46	10/03/25 06:20	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		10/02/25 09:46	10/03/25 06:20	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		10/02/25 09:46	10/03/25 06:20	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		10/02/25 09:46	10/03/25 06:20	1
Caprolactam	10	U	10	2.2	ug/L		10/02/25 09:46	10/03/25 06:20	1
Carbazole	10	U	10	0.68	ug/L		10/02/25 09:46	10/03/25 06:20	1
Chrysene	2.0	U	2.0	0.91	ug/L		10/02/25 09:46	10/03/25 06:20	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		10/02/25 09:46	10/03/25 06:20	1
Dibenzofuran	10	U	10	1.1	ug/L		10/02/25 09:46	10/03/25 06:20	1
Diethyl phthalate	10	U	10	0.98	ug/L		10/02/25 09:46	10/03/25 06:20	1
Dimethyl phthalate	10	U	10	0.77	ug/L		10/02/25 09:46	10/03/25 06:20	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		10/02/25 09:46	10/03/25 06:20	1
Di-n-octyl phthalate	10	U	10	4.0	ug/L		10/02/25 09:46	10/03/25 06:20	1
Fluoranthene	10	U	10	0.84	ug/L		10/02/25 09:46	10/03/25 06:20	1
Fluorene	10	U	10	0.91	ug/L		10/02/25 09:46	10/03/25 06:20	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		10/02/25 09:46	10/03/25 06:20	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		10/02/25 09:46	10/03/25 06:20	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		10/02/25 09:46	10/03/25 06:20	1
Hexachloroethane	0.80	U	0.80	0.31	ug/L		10/02/25 09:46	10/03/25 06:20	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		10/02/25 09:46	10/03/25 06:20	1
Isophorone	10	U	10	0.80	ug/L		10/02/25 09:46	10/03/25 06:20	1
Naphthalene	2.0	U	2.0	0.54	ug/L		10/02/25 09:46	10/03/25 06:20	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		10/02/25 09:46	10/03/25 06:20	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Client Sample ID: TW-03_20250930

Lab Sample ID: 460-336090-2

Date Collected: 09/30/25 11:25

Matrix: Water

Date Received: 09/30/25 19:20

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		10/02/25 09:46	10/03/25 06:20	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		10/02/25 09:46	10/03/25 06:20	1
Pentachlorophenol	20	U	20	6.6	ug/L		10/02/25 09:46	10/03/25 06:20	1
Phenanthrene	2.6	J	10	1.3	ug/L		10/02/25 09:46	10/03/25 06:20	1
Phenol	10	U	10	0.29	ug/L		10/02/25 09:46	10/03/25 06:20	1
Pyrene	10	U	10	1.6	ug/L		10/02/25 09:46	10/03/25 06:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	65		24 - 150	10/02/25 09:46	10/03/25 06:20	1
2-Fluorobiphenyl	56		38 - 139	10/02/25 09:46	10/03/25 06:20	1
2-Fluorophenol (Surr)	41		10 - 90	10/02/25 09:46	10/03/25 06:20	1
Nitrobenzene-d5 (Surr)	62		39 - 145	10/02/25 09:46	10/03/25 06:20	1
Phenol-d5 (Surr)	29		10 - 68	10/02/25 09:46	10/03/25 06:20	1
Terphenyl-d14 (Surr)	27		10 - 133	10/02/25 09:46	10/03/25 06:20	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.20	U	0.20	0.12	ug/L		10/02/25 08:55	10/03/25 04:09	1
Aroclor 1221	0.20	U	0.20	0.12	ug/L		10/02/25 08:55	10/03/25 04:09	1
Aroclor 1232	0.20	U	0.20	0.12	ug/L		10/02/25 08:55	10/03/25 04:09	1
Aroclor 1242	0.20	U	0.20	0.12	ug/L		10/02/25 08:55	10/03/25 04:09	1
Aroclor 1248	0.20	U	0.20	0.12	ug/L		10/02/25 08:55	10/03/25 04:09	1
Aroclor 1254	0.20	U	0.20	0.11	ug/L		10/02/25 08:55	10/03/25 04:09	1
Aroclor 1260	0.20	U	0.20	0.11	ug/L		10/02/25 08:55	10/03/25 04:09	1
Aroclor 1262	0.20	U	0.20	0.11	ug/L		10/02/25 08:55	10/03/25 04:09	1
Aroclor 1268	0.20	U	0.20	0.11	ug/L		10/02/25 08:55	10/03/25 04:09	1
Polychlorinated biphenyls, Total	0.20	U	0.20	0.12	ug/L		10/02/25 08:55	10/03/25 04:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	38		10 - 127	10/02/25 08:55	10/03/25 04:09	1
DCB Decachlorobiphenyl	46		10 - 127	10/02/25 08:55	10/03/25 04:09	1
Tetrachloro-m-xylene	51		21 - 139	10/02/25 08:55	10/03/25 04:09	1
Tetrachloro-m-xylene	53		21 - 139	10/02/25 08:55	10/03/25 04:09	1

Client Sample ID: TB-01_20250930

Lab Sample ID: 460-336090-3

Date Collected: 09/30/25 00:00

Matrix: Water

Date Received: 09/30/25 19:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/06/25 12:55	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			10/06/25 12:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/06/25 12:55	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			10/06/25 12:55	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/06/25 12:55	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/06/25 12:55	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/06/25 12:55	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/06/25 12:55	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			10/06/25 12:55	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/06/25 12:55	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			10/06/25 12:55	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Client Sample ID: TB-01_20250930

Lab Sample ID: 460-336090-3

Date Collected: 09/30/25 00:00

Matrix: Water

Date Received: 09/30/25 19:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			10/06/25 12:55	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			10/06/25 12:55	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			10/06/25 12:55	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/06/25 12:55	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			10/06/25 12:55	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			10/06/25 12:55	1
2-Hexanone	5.0	U *	5.0	1.1	ug/L			10/06/25 12:55	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/06/25 12:55	1
Acetone	7.8		5.0	4.4	ug/L			10/06/25 12:55	1
Benzene	0.45	U	0.45	0.070	ug/L			10/06/25 12:55	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/06/25 12:55	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/06/25 12:55	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/06/25 12:55	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/06/25 12:55	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/06/25 12:55	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/06/25 12:55	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			10/06/25 12:55	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/06/25 12:55	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/06/25 12:55	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/06/25 12:55	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			10/06/25 12:55	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			10/06/25 12:55	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/06/25 12:55	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			10/06/25 12:55	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/06/25 12:55	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/06/25 12:55	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/06/25 12:55	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/06/25 12:55	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			10/06/25 12:55	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			10/06/25 12:55	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			10/06/25 12:55	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			10/06/25 12:55	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/06/25 12:55	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			10/06/25 12:55	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			10/06/25 12:55	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/06/25 12:55	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			10/06/25 12:55	1
Styrene	1.0	U	1.0	0.42	ug/L			10/06/25 12:55	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			10/06/25 12:55	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			10/06/25 12:55	1
Toluene	1.0	U	1.0	0.38	ug/L			10/06/25 12:55	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/06/25 12:55	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			10/06/25 12:55	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			10/06/25 12:55	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			10/06/25 12:55	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			10/06/25 12:55	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/06/25 12:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		70 - 128		10/06/25 12:55	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Client Sample ID: TB-01_20250930

Lab Sample ID: 460-336090-3

Date Collected: 09/30/25 00:00

Matrix: Water

Date Received: 09/30/25 19:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		76 - 120		10/06/25 12:55	1
Dibromofluoromethane (Surr)	98		77 - 132		10/06/25 12:55	1
Toluene-d8 (Surr)	99		80 - 120		10/06/25 12:55	1

Client Sample ID: TW-04_20250930

Lab Sample ID: 460-336090-4

Date Collected: 09/30/25 13:30

Matrix: Water

Date Received: 09/30/25 19:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/06/25 13:16	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			10/06/25 13:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/06/25 13:16	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			10/06/25 13:16	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/06/25 13:16	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/06/25 13:16	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/06/25 13:16	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/06/25 13:16	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			10/06/25 13:16	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/06/25 13:16	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			10/06/25 13:16	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			10/06/25 13:16	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			10/06/25 13:16	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			10/06/25 13:16	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/06/25 13:16	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			10/06/25 13:16	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			10/06/25 13:16	1
2-Hexanone	5.0	U *	5.0	1.1	ug/L			10/06/25 13:16	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/06/25 13:16	1
Acetone	5.0	U	5.0	4.4	ug/L			10/06/25 13:16	1
Benzene	0.45	U	0.45	0.070	ug/L			10/06/25 13:16	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/06/25 13:16	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/06/25 13:16	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/06/25 13:16	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/06/25 13:16	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/06/25 13:16	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/06/25 13:16	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			10/06/25 13:16	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/06/25 13:16	1
Chloroform	0.43	J	1.0	0.33	ug/L			10/06/25 13:16	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/06/25 13:16	1
cis-1,2-Dichloroethene	28		1.0	0.48	ug/L			10/06/25 13:16	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			10/06/25 13:16	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/06/25 13:16	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			10/06/25 13:16	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/06/25 13:16	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/06/25 13:16	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/06/25 13:16	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/06/25 13:16	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Client Sample ID: TW-04_20250930

Lab Sample ID: 460-336090-4

Date Collected: 09/30/25 13:30

Matrix: Water

Date Received: 09/30/25 19:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	5.0	U	5.0	0.79	ug/L			10/06/25 13:16	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			10/06/25 13:16	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			10/06/25 13:16	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			10/06/25 13:16	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/06/25 13:16	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			10/06/25 13:16	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			10/06/25 13:16	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/06/25 13:16	1
sec-Butylbenzene	0.40	J	1.0	0.37	ug/L			10/06/25 13:16	1
Styrene	1.0	U	1.0	0.42	ug/L			10/06/25 13:16	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			10/06/25 13:16	1
Tetrachloroethene	49		0.40	0.28	ug/L			10/06/25 13:16	1
Toluene	1.0	U	1.0	0.38	ug/L			10/06/25 13:16	1
trans-1,2-Dichloroethene	8.4		1.0	0.24	ug/L			10/06/25 13:16	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			10/06/25 13:16	1
Trichloroethene	17		0.28	0.074	ug/L			10/06/25 13:16	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			10/06/25 13:16	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			10/06/25 13:16	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/06/25 13:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		70 - 128		10/06/25 13:16	1
4-Bromofluorobenzene	102		76 - 120		10/06/25 13:16	1
Dibromofluoromethane (Surr)	97		77 - 132		10/06/25 13:16	1
Toluene-d8 (Surr)	99		80 - 120		10/06/25 13:16	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	5.0	U	5.0	1.2	ug/L		10/02/25 09:46	10/02/25 23:15	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		10/02/25 09:46	10/02/25 23:15	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		10/02/25 09:46	10/02/25 23:15	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		10/02/25 09:46	10/02/25 23:15	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		10/02/25 09:46	10/02/25 23:15	1
2,4,6-Trichlorophenol	3.0	U	3.0	0.86	ug/L		10/02/25 09:46	10/02/25 23:15	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		10/02/25 09:46	10/02/25 23:15	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		10/02/25 09:46	10/02/25 23:15	1
2,4-Dinitrophenol	12	U	12	11	ug/L		10/02/25 09:46	10/02/25 23:15	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		10/02/25 09:46	10/02/25 23:15	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		10/02/25 09:46	10/02/25 23:15	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		10/02/25 09:46	10/02/25 23:15	1
2-Chlorophenol	10	U	10	0.95	ug/L		10/02/25 09:46	10/02/25 23:15	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		10/02/25 09:46	10/02/25 23:15	1
2-Methylphenol	10	U	10	0.67	ug/L		10/02/25 09:46	10/02/25 23:15	1
2-Nitroaniline	10	U	10	1.2	ug/L		10/02/25 09:46	10/02/25 23:15	1
2-Nitrophenol	10	U	10	0.75	ug/L		10/02/25 09:46	10/02/25 23:15	1
3 & 4 Methylphenol	10	U	10	0.64	ug/L		10/02/25 09:46	10/02/25 23:15	1
3,3'-Dichlorobenzidine	5.2	U	5.2	1.4	ug/L		10/02/25 09:46	10/02/25 23:15	1
3-Nitroaniline	10	U	10	1.9	ug/L		10/02/25 09:46	10/02/25 23:15	1
4,6-Dinitro-2-methylphenol	20	U	20	8.6	ug/L		10/02/25 09:46	10/02/25 23:15	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		10/02/25 09:46	10/02/25 23:15	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Client Sample ID: TW-04_20250930

Lab Sample ID: 460-336090-4

Date Collected: 09/30/25 13:30

Matrix: Water

Date Received: 09/30/25 19:20

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	10	U	10	1.3	ug/L		10/02/25 09:46	10/02/25 23:15	1
4-Chloroaniline	5.0	U	5.0	1.9	ug/L		10/02/25 09:46	10/02/25 23:15	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		10/02/25 09:46	10/02/25 23:15	1
4-Methylphenol	10	U	10	0.65	ug/L		10/02/25 09:46	10/02/25 23:15	1
4-Nitroaniline	10	U	10	1.2	ug/L		10/02/25 09:46	10/02/25 23:15	1
4-Nitrophenol	20	U	20	4.0	ug/L		10/02/25 09:46	10/02/25 23:15	1
Acenaphthene	10	U	10	1.1	ug/L		10/02/25 09:46	10/02/25 23:15	1
Acenaphthylene	10	U	10	0.82	ug/L		10/02/25 09:46	10/02/25 23:15	1
Acetophenone	10	U	10	2.3	ug/L		10/02/25 09:46	10/02/25 23:15	1
Anthracene	10	U	10	1.3	ug/L		10/02/25 09:46	10/02/25 23:15	1
Atrazine	2.0	U	2.0	1.3	ug/L		10/02/25 09:46	10/02/25 23:15	1
Benzaldehyde	10	U	10	2.1	ug/L		10/02/25 09:46	10/02/25 23:15	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		10/02/25 09:46	10/02/25 23:15	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		10/02/25 09:46	10/02/25 23:15	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		10/02/25 09:46	10/02/25 23:15	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		10/02/25 09:46	10/02/25 23:15	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		10/02/25 09:46	10/02/25 23:15	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		10/02/25 09:46	10/02/25 23:15	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		10/02/25 09:46	10/02/25 23:15	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		10/02/25 09:46	10/02/25 23:15	1
Butyl benzyl phthalate	1.3	J	10	0.85	ug/L		10/02/25 09:46	10/02/25 23:15	1
Caprolactam	10	U	10	2.2	ug/L		10/02/25 09:46	10/02/25 23:15	1
Carbazole	10	U	10	0.68	ug/L		10/02/25 09:46	10/02/25 23:15	1
Chrysene	2.0	U	2.0	0.91	ug/L		10/02/25 09:46	10/02/25 23:15	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		10/02/25 09:46	10/02/25 23:15	1
Dibenzofuran	10	U	10	1.1	ug/L		10/02/25 09:46	10/02/25 23:15	1
Diethyl phthalate	10	U	10	0.98	ug/L		10/02/25 09:46	10/02/25 23:15	1
Dimethyl phthalate	10	U	10	0.77	ug/L		10/02/25 09:46	10/02/25 23:15	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		10/02/25 09:46	10/02/25 23:15	1
Di-n-octyl phthalate	10	U	10	4.0	ug/L		10/02/25 09:46	10/02/25 23:15	1
Fluoranthene	10	U	10	0.84	ug/L		10/02/25 09:46	10/02/25 23:15	1
Fluorene	10	U	10	0.91	ug/L		10/02/25 09:46	10/02/25 23:15	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		10/02/25 09:46	10/02/25 23:15	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		10/02/25 09:46	10/02/25 23:15	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		10/02/25 09:46	10/02/25 23:15	1
Hexachloroethane	0.80	U	0.80	0.31	ug/L		10/02/25 09:46	10/02/25 23:15	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		10/02/25 09:46	10/02/25 23:15	1
Isophorone	10	U	10	0.80	ug/L		10/02/25 09:46	10/02/25 23:15	1
Naphthalene	2.0	U	2.0	0.54	ug/L		10/02/25 09:46	10/02/25 23:15	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		10/02/25 09:46	10/02/25 23:15	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		10/02/25 09:46	10/02/25 23:15	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		10/02/25 09:46	10/02/25 23:15	1
Pentachlorophenol	20	U	20	6.6	ug/L		10/02/25 09:46	10/02/25 23:15	1
Phenanthrene	10	U	10	1.3	ug/L		10/02/25 09:46	10/02/25 23:15	1
Phenol	10	U	10	0.29	ug/L		10/02/25 09:46	10/02/25 23:15	1
Pyrene	10	U	10	1.6	ug/L		10/02/25 09:46	10/02/25 23:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	90		24 - 150	10/02/25 09:46	10/02/25 23:15	1
2-Fluorobiphenyl	74		38 - 139	10/02/25 09:46	10/02/25 23:15	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Client Sample ID: TW-04_20250930

Lab Sample ID: 460-336090-4

Date Collected: 09/30/25 13:30

Matrix: Water

Date Received: 09/30/25 19:20

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	46		10 - 90	10/02/25 09:46	10/02/25 23:15	1
Nitrobenzene-d5 (Surr)	74		39 - 145	10/02/25 09:46	10/02/25 23:15	1
Phenol-d5 (Surr)	33		10 - 68	10/02/25 09:46	10/02/25 23:15	1
Terphenyl-d14 (Surr)	60		10 - 133	10/02/25 09:46	10/02/25 23:15	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.20	U	0.20	0.12	ug/L		10/02/25 08:55	10/03/25 04:26	1
Aroclor 1221	0.20	U	0.20	0.12	ug/L		10/02/25 08:55	10/03/25 04:26	1
Aroclor 1232	0.20	U	0.20	0.12	ug/L		10/02/25 08:55	10/03/25 04:26	1
Aroclor 1242	0.20	U	0.20	0.12	ug/L		10/02/25 08:55	10/03/25 04:26	1
Aroclor 1248	0.20	U	0.20	0.12	ug/L		10/02/25 08:55	10/03/25 04:26	1
Aroclor 1254	0.20	U	0.20	0.11	ug/L		10/02/25 08:55	10/03/25 04:26	1
Aroclor 1260	0.20	U	0.20	0.11	ug/L		10/02/25 08:55	10/03/25 04:26	1
Aroclor 1262	0.20	U	0.20	0.11	ug/L		10/02/25 08:55	10/03/25 04:26	1
Aroclor 1268	0.20	U	0.20	0.11	ug/L		10/02/25 08:55	10/03/25 04:26	1
Polychlorinated biphenyls, Total	0.20	U	0.20	0.12	ug/L		10/02/25 08:55	10/03/25 04:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		10 - 127	10/02/25 08:55	10/03/25 04:26	1
DCB Decachlorobiphenyl	78		10 - 127	10/02/25 08:55	10/03/25 04:26	1
Tetrachloro-m-xylene	85		21 - 139	10/02/25 08:55	10/03/25 04:26	1
Tetrachloro-m-xylene	96		21 - 139	10/02/25 08:55	10/03/25 04:26	1

Surrogate Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-128)	BFB (76-120)	DBFM (77-132)	TOL (80-120)
460-336090-1	TW-01_20250930	84	98	97	100
460-336090-2	TW-03_20250930	84	97	98	101
460-336090-3	TB-01_20250930	84	98	98	99
460-336090-4	TW-04_20250930	86	102	97	99
LCS 460-1066155/5	Lab Control Sample	83	101	96	102
LCSD 460-1066155/6	Lab Control Sample Dup	85	100	96	101
MB 460-1066155/10	Method Blank	82	97	96	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (24-150)	FBP (38-139)	2FP (10-90)	NBZ (39-145)	PHL (10-68)	TPHL (10-133)
460-336090-1	TW-01_20250930	92	76	52	76	37	58
460-336090-2	TW-03_20250930	65	56	41	62	29	27
460-336090-4	TW-04_20250930	90	74	46	74	33	60
LCS 460-1065342/2-A	Lab Control Sample	98	83	55	83	39	81
LCSD 460-1065342/3-A	Lab Control Sample Dup	99	83	56	82	39	83
MB 460-1065342/1-A	Method Blank	106	89	58	89	40	92

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (10-127)	DCBP2 (10-127)	TCX1 (21-139)	TCX2 (21-139)
460-336090-1	TW-01_20250930	66	57	97	88
460-336090-2	TW-03_20250930	46	38	53	51
460-336090-4	TW-04_20250930	78	64	96	85
LCS 460-1065206/2-A	Lab Control Sample	51	53	82	74
LCSD 460-1065206/3-A	Lab Control Sample Dup	51	52	81	73
MB 460-1065206/1-A	Method Blank	49	50	79	72

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1066155/10

Matrix: Water

Analysis Batch: 1066155

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/06/25 10:28	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			10/06/25 10:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/06/25 10:28	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			10/06/25 10:28	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/06/25 10:28	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/06/25 10:28	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/06/25 10:28	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/06/25 10:28	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			10/06/25 10:28	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/06/25 10:28	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			10/06/25 10:28	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			10/06/25 10:28	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			10/06/25 10:28	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			10/06/25 10:28	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/06/25 10:28	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			10/06/25 10:28	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			10/06/25 10:28	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/06/25 10:28	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/06/25 10:28	1
Acetone	5.0	U	5.0	4.4	ug/L			10/06/25 10:28	1
Benzene	0.45	U	0.45	0.070	ug/L			10/06/25 10:28	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/06/25 10:28	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/06/25 10:28	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/06/25 10:28	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/06/25 10:28	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/06/25 10:28	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/06/25 10:28	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			10/06/25 10:28	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/06/25 10:28	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/06/25 10:28	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/06/25 10:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			10/06/25 10:28	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			10/06/25 10:28	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/06/25 10:28	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			10/06/25 10:28	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/06/25 10:28	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/06/25 10:28	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/06/25 10:28	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/06/25 10:28	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			10/06/25 10:28	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			10/06/25 10:28	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			10/06/25 10:28	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			10/06/25 10:28	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/06/25 10:28	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			10/06/25 10:28	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			10/06/25 10:28	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/06/25 10:28	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			10/06/25 10:28	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1066155/10

Matrix: Water

Analysis Batch: 1066155

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	1.0	U	1.0	0.42	ug/L			10/06/25 10:28	1
Styrene	1.0	U	1.0	0.42	ug/L			10/06/25 10:28	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			10/06/25 10:28	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			10/06/25 10:28	1
Toluene	1.0	U	1.0	0.38	ug/L			10/06/25 10:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/06/25 10:28	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			10/06/25 10:28	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			10/06/25 10:28	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			10/06/25 10:28	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			10/06/25 10:28	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/06/25 10:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		70 - 128		10/06/25 10:28	1
4-Bromofluorobenzene	97		76 - 120		10/06/25 10:28	1
Dibromofluoromethane (Surr)	96		77 - 132		10/06/25 10:28	1
Toluene-d8 (Surr)	101		80 - 120		10/06/25 10:28	1

Lab Sample ID: LCS 460-1066155/5

Matrix: Water

Analysis Batch: 1066155

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	16.1		ug/L		80	72 - 128
1,1,2,2-Tetrachloroethane	20.0	19.8		ug/L		99	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.2		ug/L		96	65 - 142
1,1,2-Trichloroethane	20.0	19.4		ug/L		97	74 - 125
1,1-Dichloroethane	20.0	17.6		ug/L		88	73 - 130
1,1-Dichloroethene	20.0	17.6		ug/L		88	68 - 133
1,2,3-Trichlorobenzene	20.0	20.0		ug/L		100	55 - 150
1,2,4-Trichlorobenzene	20.0	19.5		ug/L		97	67 - 132
1,2,4-Trimethylbenzene	20.0	19.5		ug/L		98	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	17.9		ug/L		90	58 - 132
1,2-Dichlorobenzene	20.0	20.1		ug/L		100	80 - 120
1,2-Dichloroethane	20.0	14.9		ug/L		74	66 - 129
1,2-Dichloropropane	20.0	18.1		ug/L		91	72 - 128
1,3,5-Trimethylbenzene	20.0	19.8		ug/L		99	75 - 125
1,3-Dichlorobenzene	20.0	20.4		ug/L		102	80 - 120
1,4-Dichlorobenzene	20.0	19.7		ug/L		98	80 - 120
2-Butanone (MEK)	100	91.6		ug/L		92	65 - 142
2-Hexanone	100	63.0	*	ug/L		63	72 - 134
4-Methyl-2-pentanone (MIBK)	100	86.5		ug/L		87	77 - 130
Acetone	100	83.2		ug/L		83	60 - 133
Benzene	20.0	18.4		ug/L		92	71 - 126
Bromoform	20.0	17.2		ug/L		86	58 - 128
Bromomethane	20.0	22.9		ug/L		114	33 - 150
Carbon disulfide	20.0	17.4		ug/L		87	35 - 150
Carbon tetrachloride	20.0	15.6		ug/L		78	65 - 131

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1066155/5

Matrix: Water

Analysis Batch: 1066155

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	20.0	18.8		ug/L		94	80 - 120
Chlorobromomethane	20.0	18.5		ug/L		93	71 - 134
Chlorodibromomethane	20.0	18.4		ug/L		92	73 - 121
Chloroethane	20.0	20.0		ug/L		100	54 - 150
Chloroform	20.0	17.0		ug/L		85	78 - 125
Chloromethane	20.0	18.6		ug/L		93	43 - 149
cis-1,2-Dichloroethene	20.0	18.3		ug/L		91	78 - 121
cis-1,3-Dichloropropene	20.0	18.7		ug/L		93	74 - 125
Cyclohexane	20.0	19.2		ug/L		96	64 - 142
Dichlorobromomethane	20.0	16.6		ug/L		83	76 - 121
Dichlorodifluoromethane	20.0	22.2		ug/L		111	38 - 144
Ethylbenzene	20.0	18.9		ug/L		95	78 - 120
Ethylene Dibromide	20.0	17.5		ug/L		87	79 - 126
Isopropylbenzene	20.0	19.3		ug/L		97	79 - 125
Methyl acetate	40.0	32.0		ug/L		80	50 - 147
Methyl tert-butyl ether	20.0	16.5		ug/L		83	72 - 131
Methylcyclohexane	20.0	19.7		ug/L		99	63 - 138
Methylene Chloride	20.0	18.1		ug/L		91	74 - 127
m-Xylene & p-Xylene	20.0	19.6		ug/L		98	78 - 120
n-Butylbenzene	20.0	19.0		ug/L		95	69 - 135
N-Propylbenzene	20.0	19.8		ug/L		99	68 - 129
o-Xylene	20.0	19.0		ug/L		95	78 - 120
sec-Butylbenzene	20.0	19.8		ug/L		99	77 - 129
Styrene	20.0	18.8		ug/L		94	82 - 127
tert-Butylbenzene	20.0	19.5		ug/L		97	78 - 120
Tetrachloroethene	20.0	18.5		ug/L		93	70 - 127
Toluene	20.0	18.9		ug/L		94	78 - 120
trans-1,2-Dichloroethene	20.0	18.2		ug/L		91	70 - 126
trans-1,3-Dichloropropene	20.0	18.0		ug/L		90	71 - 127
Trichloroethene	20.0	18.0		ug/L		90	73 - 121
Trichlorofluoromethane	20.0	18.3		ug/L		91	62 - 134
Vinyl chloride	20.0	19.6		ug/L		98	55 - 144
Xylenes, Total	40.0	38.6		ug/L		97	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 128
4-Bromofluorobenzene	101		76 - 120
Dibromofluoromethane (Surr)	96		77 - 132
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: LCSD 460-1066155/6

Matrix: Water

Analysis Batch: 1066155

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	16.0		ug/L		80	72 - 128	0	30
1,1,2,2-Tetrachloroethane	20.0	18.9		ug/L		95	63 - 139	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.4		ug/L		97	65 - 142	1	30

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066155/6

Matrix: Water

Analysis Batch: 1066155

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane	20.0	19.1		ug/L		95	74 - 125	2	30
1,1-Dichloroethane	20.0	17.7		ug/L		89	73 - 130	1	30
1,1-Dichloroethene	20.0	17.8		ug/L		89	68 - 133	1	30
1,2,3-Trichlorobenzene	20.0	19.6		ug/L		98	55 - 150	2	30
1,2,4-Trichlorobenzene	20.0	20.7		ug/L		103	67 - 132	6	30
1,2,4-Trimethylbenzene	20.0	19.6		ug/L		98	75 - 125	0	30
1,2-Dibromo-3-Chloropropane	20.0	18.7		ug/L		93	58 - 132	4	30
1,2-Dichlorobenzene	20.0	19.7		ug/L		98	80 - 120	2	30
1,2-Dichloroethane	20.0	14.9		ug/L		74	66 - 129	0	30
1,2-Dichloropropane	20.0	18.9		ug/L		94	72 - 128	4	30
1,3,5-Trimethylbenzene	20.0	19.6		ug/L		98	75 - 125	1	30
1,3-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120	1	30
1,4-Dichlorobenzene	20.0	19.9		ug/L		100	80 - 120	1	30
2-Butanone (MEK)	100	98.8		ug/L		99	65 - 142	8	30
2-Hexanone	100	66.6 *		ug/L		67	72 - 134	6	30
4-Methyl-2-pentanone (MIBK)	100	90.0		ug/L		90	77 - 130	4	30
Acetone	100	79.9		ug/L		80	60 - 133	4	30
Benzene	20.0	18.6		ug/L		93	71 - 126	1	30
Bromoform	20.0	17.3		ug/L		87	58 - 128	0	30
Bromomethane	20.0	23.1		ug/L		115	33 - 150	1	30
Carbon disulfide	20.0	17.4		ug/L		87	35 - 150	0	30
Carbon tetrachloride	20.0	15.7		ug/L		79	65 - 131	1	30
Chlorobenzene	20.0	18.8		ug/L		94	80 - 120	0	30
Chlorobromomethane	20.0	18.9		ug/L		95	71 - 134	2	30
Chlorodibromomethane	20.0	18.4		ug/L		92	73 - 121	0	30
Chloroethane	20.0	19.6		ug/L		98	54 - 150	2	30
Chloroform	20.0	17.1		ug/L		85	78 - 125	0	30
Chloromethane	20.0	18.3		ug/L		91	43 - 149	2	30
cis-1,2-Dichloroethene	20.0	18.4		ug/L		92	78 - 121	1	30
cis-1,3-Dichloropropene	20.0	19.0		ug/L		95	74 - 125	2	30
Cyclohexane	20.0	19.2		ug/L		96	64 - 142	0	30
Dichlorobromomethane	20.0	16.8		ug/L		84	76 - 121	2	30
Dichlorodifluoromethane	20.0	21.9		ug/L		109	38 - 144	1	30
Ethylbenzene	20.0	18.9		ug/L		95	78 - 120	0	30
Ethylene Dibromide	20.0	17.8		ug/L		89	79 - 126	2	30
Isopropylbenzene	20.0	19.4		ug/L		97	79 - 125	0	30
Methyl acetate	40.0	33.4		ug/L		83	50 - 147	4	30
Methyl tert-butyl ether	20.0	16.8		ug/L		84	72 - 131	1	30
Methylcyclohexane	20.0	19.5		ug/L		98	63 - 138	1	30
Methylene Chloride	20.0	18.6		ug/L		93	74 - 127	3	30
m-Xylene & p-Xylene	20.0	19.4		ug/L		97	78 - 120	1	30
n-Butylbenzene	20.0	18.9		ug/L		95	69 - 135	0	30
N-Propylbenzene	20.0	19.6		ug/L		98	68 - 129	1	30
o-Xylene	20.0	19.7		ug/L		98	78 - 120	3	30
sec-Butylbenzene	20.0	19.7		ug/L		98	77 - 129	1	30
Styrene	20.0	18.7		ug/L		93	82 - 127	1	30
tert-Butylbenzene	20.0	19.4		ug/L		97	78 - 120	0	30
Tetrachloroethene	20.0	18.7		ug/L		94	70 - 127	1	30
Toluene	20.0	19.2		ug/L		96	78 - 120	1	30

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1066155/6

Matrix: Water

Analysis Batch: 1066155

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,2-Dichloroethene	20.0	18.9		ug/L		94	70 - 126	4	30
trans-1,3-Dichloropropene	20.0	18.4		ug/L		92	71 - 127	2	30
Trichloroethene	20.0	18.1		ug/L		90	73 - 121	0	30
Trichlorofluoromethane	20.0	18.8		ug/L		94	62 - 134	3	30
Vinyl chloride	20.0	19.7		ug/L		99	55 - 144	1	30
Xylenes, Total	40.0	39.1		ug/L		98	80 - 120	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 128
4-Bromofluorobenzene	100		76 - 120
Dibromofluoromethane (Surr)	96		77 - 132
Toluene-d8 (Surr)	101		80 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1065342/1-A

Matrix: Water

Analysis Batch: 1065454

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1065342

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	5.0	U	5.0	1.2	ug/L		10/02/25 09:46	10/02/25 20:48	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		10/02/25 09:46	10/02/25 20:48	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		10/02/25 09:46	10/02/25 20:48	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		10/02/25 09:46	10/02/25 20:48	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		10/02/25 09:46	10/02/25 20:48	1
2,4,6-Trichlorophenol	3.0	U	3.0	0.86	ug/L		10/02/25 09:46	10/02/25 20:48	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		10/02/25 09:46	10/02/25 20:48	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		10/02/25 09:46	10/02/25 20:48	1
2,4-Dinitrophenol	12	U	12	11	ug/L		10/02/25 09:46	10/02/25 20:48	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		10/02/25 09:46	10/02/25 20:48	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		10/02/25 09:46	10/02/25 20:48	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		10/02/25 09:46	10/02/25 20:48	1
2-Chlorophenol	10	U	10	0.95	ug/L		10/02/25 09:46	10/02/25 20:48	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		10/02/25 09:46	10/02/25 20:48	1
2-Methylphenol	10	U	10	0.67	ug/L		10/02/25 09:46	10/02/25 20:48	1
2-Nitroaniline	10	U	10	1.2	ug/L		10/02/25 09:46	10/02/25 20:48	1
2-Nitrophenol	10	U	10	0.75	ug/L		10/02/25 09:46	10/02/25 20:48	1
3 & 4 Methylphenol	10	U	10	0.64	ug/L		10/02/25 09:46	10/02/25 20:48	1
3,3'-Dichlorobenzidine	5.2	U	5.2	1.4	ug/L		10/02/25 09:46	10/02/25 20:48	1
3-Nitroaniline	10	U	10	1.9	ug/L		10/02/25 09:46	10/02/25 20:48	1
4,6-Dinitro-2-methylphenol	20	U	20	8.6	ug/L		10/02/25 09:46	10/02/25 20:48	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		10/02/25 09:46	10/02/25 20:48	1
4-Chloro-3-methylphenol	10	U	10	1.3	ug/L		10/02/25 09:46	10/02/25 20:48	1
4-Chloroaniline	5.0	U	5.0	1.9	ug/L		10/02/25 09:46	10/02/25 20:48	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		10/02/25 09:46	10/02/25 20:48	1
4-Methylphenol	10	U	10	0.65	ug/L		10/02/25 09:46	10/02/25 20:48	1
4-Nitroaniline	10	U	10	1.2	ug/L		10/02/25 09:46	10/02/25 20:48	1
4-Nitrophenol	20	U	20	4.0	ug/L		10/02/25 09:46	10/02/25 20:48	1
Acenaphthene	10	U	10	1.1	ug/L		10/02/25 09:46	10/02/25 20:48	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1065342/1-A

Matrix: Water

Analysis Batch: 1065454

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1065342

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	10	U	10	0.82	ug/L		10/02/25 09:46	10/02/25 20:48	1
Acenaphthylene	10	U	10	0.82	ug/L		10/02/25 09:46	10/02/25 20:48	1
Acetophenone	10	U	10	2.3	ug/L		10/02/25 09:46	10/02/25 20:48	1
Anthracene	10	U	10	1.3	ug/L		10/02/25 09:46	10/02/25 20:48	1
Atrazine	2.0	U	2.0	1.3	ug/L		10/02/25 09:46	10/02/25 20:48	1
Benzaldehyde	10	U	10	2.1	ug/L		10/02/25 09:46	10/02/25 20:48	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		10/02/25 09:46	10/02/25 20:48	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		10/02/25 09:46	10/02/25 20:48	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		10/02/25 09:46	10/02/25 20:48	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		10/02/25 09:46	10/02/25 20:48	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		10/02/25 09:46	10/02/25 20:48	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		10/02/25 09:46	10/02/25 20:48	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		10/02/25 09:46	10/02/25 20:48	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		10/02/25 09:46	10/02/25 20:48	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		10/02/25 09:46	10/02/25 20:48	1
Caprolactam	10	U	10	2.2	ug/L		10/02/25 09:46	10/02/25 20:48	1
Carbazole	10	U	10	0.68	ug/L		10/02/25 09:46	10/02/25 20:48	1
Chrysene	2.0	U	2.0	0.91	ug/L		10/02/25 09:46	10/02/25 20:48	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		10/02/25 09:46	10/02/25 20:48	1
Dibenzofuran	10	U	10	1.1	ug/L		10/02/25 09:46	10/02/25 20:48	1
Diethyl phthalate	10	U	10	0.98	ug/L		10/02/25 09:46	10/02/25 20:48	1
Dimethyl phthalate	10	U	10	0.77	ug/L		10/02/25 09:46	10/02/25 20:48	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		10/02/25 09:46	10/02/25 20:48	1
Di-n-octyl phthalate	10	U	10	4.0	ug/L		10/02/25 09:46	10/02/25 20:48	1
Fluoranthene	10	U	10	0.84	ug/L		10/02/25 09:46	10/02/25 20:48	1
Fluorene	10	U	10	0.91	ug/L		10/02/25 09:46	10/02/25 20:48	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		10/02/25 09:46	10/02/25 20:48	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		10/02/25 09:46	10/02/25 20:48	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		10/02/25 09:46	10/02/25 20:48	1
Hexachloroethane	0.80	U	0.80	0.31	ug/L		10/02/25 09:46	10/02/25 20:48	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		10/02/25 09:46	10/02/25 20:48	1
Isophorone	10	U	10	0.80	ug/L		10/02/25 09:46	10/02/25 20:48	1
Naphthalene	2.0	U	2.0	0.54	ug/L		10/02/25 09:46	10/02/25 20:48	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		10/02/25 09:46	10/02/25 20:48	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		10/02/25 09:46	10/02/25 20:48	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		10/02/25 09:46	10/02/25 20:48	1
Pentachlorophenol	20	U	20	6.6	ug/L		10/02/25 09:46	10/02/25 20:48	1
Phenanthrene	10	U	10	1.3	ug/L		10/02/25 09:46	10/02/25 20:48	1
Phenol	10	U	10	0.29	ug/L		10/02/25 09:46	10/02/25 20:48	1
Pyrene	10	U	10	1.6	ug/L		10/02/25 09:46	10/02/25 20:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	106		24 - 150	10/02/25 09:46	10/02/25 20:48	1
2-Fluorobiphenyl	89		38 - 139	10/02/25 09:46	10/02/25 20:48	1
2-Fluorophenol (Surr)	58		10 - 90	10/02/25 09:46	10/02/25 20:48	1
Nitrobenzene-d5 (Surr)	89		39 - 145	10/02/25 09:46	10/02/25 20:48	1
Phenol-d5 (Surr)	40		10 - 68	10/02/25 09:46	10/02/25 20:48	1
Terphenyl-d14 (Surr)	92		10 - 133	10/02/25 09:46	10/02/25 20:48	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1065342/2-A

Matrix: Water

Analysis Batch: 1065454

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1065342

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	80.0	72.9		ug/L		91	56 - 123
1,2,4,5-Tetrachlorobenzene	80.0	80.5		ug/L		101	51 - 127
2,2'-oxybis[1-chloropropane]	80.0	57.0		ug/L		71	47 - 122
2,3,4,6-Tetrachlorophenol	80.0	82.5		ug/L		103	56 - 131
2,4,5-Trichlorophenol	80.0	80.6		ug/L		101	55 - 124
2,4,6-Trichlorophenol	80.0	84.3		ug/L		105	57 - 131
2,4-Dichlorophenol	80.0	83.4		ug/L		104	53 - 120
2,4-Dimethylphenol	80.0	75.2		ug/L		94	60 - 136
2,4-Dinitrophenol	160	152		ug/L		95	50 - 148
2,4-Dinitrotoluene	80.0	80.7		ug/L		101	62 - 142
2,6-Dinitrotoluene	80.0	78.6		ug/L		98	62 - 136
2-Chloronaphthalene	80.0	73.3		ug/L		92	54 - 129
2-Chlorophenol	80.0	70.1		ug/L		88	46 - 103
2-Methylnaphthalene	80.0	81.4		ug/L		102	45 - 110
2-Methylphenol	80.0	57.6		ug/L		72	39 - 95
2-Nitroaniline	80.0	78.5		ug/L		98	49 - 134
2-Nitrophenol	80.0	83.9		ug/L		105	54 - 124
3 & 4 Methylphenol	80.0	56.7		ug/L		71	44 - 89
3,3'-Dichlorobenzidine	80.0	75.9		ug/L		95	44 - 136
3-Nitroaniline	80.0	63.2		ug/L		79	33 - 120
4,6-Dinitro-2-methylphenol	160	176		ug/L		110	54 - 145
4-Bromophenyl phenyl ether	80.0	88.9		ug/L		111	59 - 132
4-Chloro-3-methylphenol	80.0	77.0		ug/L		96	50 - 120
4-Chloroaniline	80.0	40.4		ug/L		50	26 - 120
4-Chlorophenyl phenyl ether	80.0	75.8		ug/L		95	61 - 127
4-Methylphenol	80.0	56.1		ug/L		70	33 - 89
4-Nitroaniline	80.0	67.8		ug/L		85	49 - 135
4-Nitrophenol	160	89.5		ug/L		56	10 - 78
Acenaphthene	80.0	72.0		ug/L		90	58 - 127
Acenaphthylene	80.0	76.9		ug/L		96	63 - 133
Acetophenone	80.0	75.5		ug/L		94	54 - 125
Anthracene	80.0	77.7		ug/L		97	59 - 127
Atrazine	40.0	46.5		ug/L		116	10 - 150
Benzaldehyde	40.0	38.0		ug/L		95	16 - 150
Benzo[a]anthracene	80.0	82.1		ug/L		103	58 - 131
Benzo[a]pyrene	80.0	80.3		ug/L		100	63 - 148
Benzo[b]fluoranthene	80.0	75.2		ug/L		94	60 - 140
Benzo[g,h,i]perylene	80.0	74.5		ug/L		93	52 - 150
Benzo[k]fluoranthene	80.0	78.9		ug/L		99	60 - 140
Bis(2-chloroethoxy)methane	80.0	74.8		ug/L		94	57 - 122
Bis(2-chloroethyl)ether	80.0	67.6		ug/L		84	55 - 125
Bis(2-ethylhexyl) phthalate	80.0	79.4		ug/L		99	57 - 144
Butyl benzyl phthalate	80.0	82.4		ug/L		103	55 - 141
Caprolactam	40.0	10.6		ug/L		26	10 - 66
Carbazole	80.0	76.7		ug/L		96	58 - 132
Chrysene	80.0	76.9		ug/L		96	57 - 132
Dibenz(a,h)anthracene	80.0	80.1		ug/L		100	53 - 150
Dibenzofuran	80.0	73.2		ug/L		92	59 - 125

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QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1065342/2-A

Matrix: Water

Analysis Batch: 1065454

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1065342

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diethyl phthalate	80.0	78.7		ug/L		98	56 - 131
Dimethyl phthalate	80.0	78.5		ug/L		98	60 - 129
Di-n-butyl phthalate	80.0	90.9		ug/L		114	55 - 139
Di-n-octyl phthalate	80.0	77.9		ug/L		97	51 - 150
Fluoranthene	80.0	77.1		ug/L		96	59 - 137
Fluorene	80.0	71.9		ug/L		90	61 - 125
Hexachlorobenzene	80.0	87.7		ug/L		110	62 - 135
Hexachlorobutadiene	80.0	92.9		ug/L		116	16 - 147
Hexachlorocyclopentadiene	80.0	83.3		ug/L		104	27 - 150
Hexachloroethane	80.0	74.0		ug/L		92	10 - 138
Indeno[1,2,3-cd]pyrene	80.0	78.8		ug/L		99	54 - 150
Isophorone	80.0	77.5		ug/L		97	58 - 128
Naphthalene	80.0	74.9		ug/L		94	45 - 126
Nitrobenzene	80.0	73.5		ug/L		92	58 - 127
N-Nitrosodi-n-propylamine	80.0	69.9		ug/L		87	53 - 133
N-Nitrosodiphenylamine	80.0	79.8		ug/L		100	57 - 128
Pentachlorophenol	160	184		ug/L		115	54 - 140
Phenanthrene	80.0	75.9		ug/L		95	58 - 126
Phenol	80.0	37.4		ug/L		47	13 - 58
Pyrene	80.0	76.0		ug/L		95	53 - 137

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	98		24 - 150
2-Fluorobiphenyl	83		38 - 139
2-Fluorophenol (Surr)	55		10 - 90
Nitrobenzene-d5 (Surr)	83		39 - 145
Phenol-d5 (Surr)	39		10 - 68
Terphenyl-d14 (Surr)	81		10 - 133

Lab Sample ID: LCSD 460-1065342/3-A

Matrix: Water

Analysis Batch: 1065454

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1065342

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	80.0	73.8		ug/L		92	56 - 123	1	30
1,2,4,5-Tetrachlorobenzene	80.0	80.8		ug/L		101	51 - 127	0	30
2,2'-oxybis[1-chloropropane]	80.0	57.2		ug/L		71	47 - 122	0	30
2,3,4,6-Tetrachlorophenol	80.0	85.0		ug/L		106	56 - 131	3	30
2,4,5-Trichlorophenol	80.0	81.0		ug/L		101	55 - 124	1	30
2,4,6-Trichlorophenol	80.0	85.1		ug/L		106	57 - 131	1	30
2,4-Dichlorophenol	80.0	83.2		ug/L		104	53 - 120	0	30
2,4-Dimethylphenol	80.0	74.8		ug/L		93	60 - 136	1	30
2,4-Dinitrophenol	160	156		ug/L		97	50 - 148	2	30
2,4-Dinitrotoluene	80.0	81.4		ug/L		102	62 - 142	1	30
2,6-Dinitrotoluene	80.0	79.9		ug/L		100	62 - 136	2	30
2-Chloronaphthalene	80.0	73.5		ug/L		92	54 - 129	0	30
2-Chlorophenol	80.0	70.8		ug/L		89	46 - 103	1	30
2-Methylnaphthalene	80.0	81.6		ug/L		102	45 - 110	0	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1065342/3-A

Matrix: Water

Analysis Batch: 1065454

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1065342

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Methylphenol	80.0	59.2		ug/L		74	39 - 95	3	30
2-Nitroaniline	80.0	79.2		ug/L		99	49 - 134	1	30
2-Nitrophenol	80.0	83.2		ug/L		104	54 - 124	1	30
3 & 4 Methylphenol	80.0	56.9		ug/L		71	44 - 89	0	30
3,3'-Dichlorobenzidine	80.0	77.9		ug/L		97	44 - 136	3	30
3-Nitroaniline	80.0	64.0		ug/L		80	33 - 120	1	30
4,6-Dinitro-2-methylphenol	160	178		ug/L		111	54 - 145	1	30
4-Bromophenyl phenyl ether	80.0	88.8		ug/L		111	59 - 132	0	30
4-Chloro-3-methylphenol	80.0	76.9		ug/L		96	50 - 120	0	30
4-Chloroaniline	80.0	40.3		ug/L		50	26 - 120	0	30
4-Chlorophenyl phenyl ether	80.0	76.8		ug/L		96	61 - 127	1	30
4-Methylphenol	80.0	56.3		ug/L		70	33 - 89	0	30
4-Nitroaniline	80.0	72.3		ug/L		90	49 - 135	6	30
4-Nitrophenol	160	91.5		ug/L		57	10 - 78	2	30
Acenaphthene	80.0	71.9		ug/L		90	58 - 127	0	30
Acenaphthylene	80.0	77.6		ug/L		97	63 - 133	1	30
Acetophenone	80.0	76.4		ug/L		95	54 - 125	1	30
Anthracene	80.0	77.1		ug/L		96	59 - 127	1	30
Atrazine	40.0	47.4		ug/L		119	10 - 150	2	30
Benzaldehyde	40.0	37.5		ug/L		94	16 - 150	1	30
Benzo[a]anthracene	80.0	81.6		ug/L		102	58 - 131	1	30
Benzo[a]pyrene	80.0	79.7		ug/L		100	63 - 148	1	30
Benzo[b]fluoranthene	80.0	77.0		ug/L		96	60 - 140	2	30
Benzo[g,h,i]perylene	80.0	74.0		ug/L		92	52 - 150	1	30
Benzo[k]fluoranthene	80.0	76.3		ug/L		95	60 - 140	3	30
Bis(2-chloroethoxy)methane	80.0	74.4		ug/L		93	57 - 122	1	30
Bis(2-chloroethyl)ether	80.0	68.0		ug/L		85	55 - 125	1	30
Bis(2-ethylhexyl) phthalate	80.0	79.4		ug/L		99	57 - 144	0	30
Butyl benzyl phthalate	80.0	82.3		ug/L		103	55 - 141	0	30
Caprolactam	40.0	10.7		ug/L		27	10 - 66	1	30
Carbazole	80.0	76.9		ug/L		96	58 - 132	0	30
Chrysene	80.0	77.0		ug/L		96	57 - 132	0	30
Dibenz(a,h)anthracene	80.0	80.8		ug/L		101	53 - 150	1	30
Dibenzofuran	80.0	73.5		ug/L		92	59 - 125	0	30
Diethyl phthalate	80.0	79.4		ug/L		99	56 - 131	1	30
Dimethyl phthalate	80.0	79.0		ug/L		99	60 - 129	1	30
Di-n-butyl phthalate	80.0	91.6		ug/L		115	55 - 139	1	30
Di-n-octyl phthalate	80.0	77.1		ug/L		96	51 - 150	1	30
Fluoranthene	80.0	77.1		ug/L		96	59 - 137	0	30
Fluorene	80.0	73.1		ug/L		91	61 - 125	2	30
Hexachlorobenzene	80.0	88.7		ug/L		111	62 - 135	1	30
Hexachlorobutadiene	80.0	93.7		ug/L		117	16 - 147	1	30
Hexachlorocyclopentadiene	80.0	84.8		ug/L		106	27 - 150	2	30
Hexachloroethane	80.0	76.0		ug/L		95	10 - 138	3	30
Indeno[1,2,3-cd]pyrene	80.0	77.6		ug/L		97	54 - 150	2	30
Isophorone	80.0	77.7		ug/L		97	58 - 128	0	30
Naphthalene	80.0	75.2		ug/L		94	45 - 126	0	30
Nitrobenzene	80.0	74.8		ug/L		93	58 - 127	2	30
N-Nitrosodi-n-propylamine	80.0	70.7		ug/L		88	53 - 133	1	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1065342/3-A

Matrix: Water

Analysis Batch: 1065454

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1065342

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-Nitrosodiphenylamine	80.0	78.6		ug/L		98	57 - 128	2	30
Pentachlorophenol	160	185		ug/L		115	54 - 140	0	30
Phenanthrene	80.0	76.0		ug/L		95	58 - 126	0	30
Phenol	80.0	37.8		ug/L		47	13 - 58	1	30
Pyrene	80.0	78.0		ug/L		98	53 - 137	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
2,4,6-Tribromophenol (Surr)	99		24 - 150
2-Fluorobiphenyl	83		38 - 139
2-Fluorophenol (Surr)	56		10 - 90
Nitrobenzene-d5 (Surr)	82		39 - 145
Phenol-d5 (Surr)	39		10 - 68
Terphenyl-d14 (Surr)	83		10 - 133

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1065206/1-A

Matrix: Water

Analysis Batch: 1065246

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1065206

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.20	U	0.20	0.12	ug/L		10/01/25 20:00	10/02/25 05:03	1
Aroclor 1016	0.20	U	0.20	0.12	ug/L		10/01/25 20:00	10/02/25 05:03	1
Aroclor 1221	0.20	U	0.20	0.12	ug/L		10/01/25 20:00	10/02/25 05:03	1
Aroclor 1221	0.20	U	0.20	0.12	ug/L		10/01/25 20:00	10/02/25 05:03	1
Aroclor 1232	0.20	U	0.20	0.12	ug/L		10/01/25 20:00	10/02/25 05:03	1
Aroclor 1232	0.20	U	0.20	0.12	ug/L		10/01/25 20:00	10/02/25 05:03	1
Aroclor 1242	0.20	U	0.20	0.12	ug/L		10/01/25 20:00	10/02/25 05:03	1
Aroclor 1242	0.20	U	0.20	0.12	ug/L		10/01/25 20:00	10/02/25 05:03	1
Aroclor 1248	0.20	U	0.20	0.12	ug/L		10/01/25 20:00	10/02/25 05:03	1
Aroclor 1248	0.20	U	0.20	0.12	ug/L		10/01/25 20:00	10/02/25 05:03	1
Aroclor 1254	0.20	U	0.20	0.11	ug/L		10/01/25 20:00	10/02/25 05:03	1
Aroclor 1254	0.20	U	0.20	0.11	ug/L		10/01/25 20:00	10/02/25 05:03	1
Aroclor 1260	0.20	U	0.20	0.11	ug/L		10/01/25 20:00	10/02/25 05:03	1
Aroclor 1260	0.20	U	0.20	0.11	ug/L		10/01/25 20:00	10/02/25 05:03	1
Aroclor 1262	0.20	U	0.20	0.11	ug/L		10/01/25 20:00	10/02/25 05:03	1
Aroclor 1262	0.20	U	0.20	0.11	ug/L		10/01/25 20:00	10/02/25 05:03	1
Aroclor 1268	0.20	U	0.20	0.11	ug/L		10/01/25 20:00	10/02/25 05:03	1
Aroclor 1268	0.20	U	0.20	0.11	ug/L		10/01/25 20:00	10/02/25 05:03	1
Polychlorinated biphenyls, Total	0.20	U	0.20	0.12	ug/L		10/01/25 20:00	10/02/25 05:03	1
Polychlorinated biphenyls, Total	0.20	U	0.20	0.12	ug/L		10/01/25 20:00	10/02/25 05:03	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	50		10 - 127	10/01/25 20:00	10/02/25 05:03	1
DCB Decachlorobiphenyl	49		10 - 127	10/01/25 20:00	10/02/25 05:03	1
Tetrachloro-m-xylene	72		21 - 139	10/01/25 20:00	10/02/25 05:03	1
Tetrachloro-m-xylene	79		21 - 139	10/01/25 20:00	10/02/25 05:03	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 460-1065206/2-A

Matrix: Water

Analysis Batch: 1065246

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1065206

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	4.00	2.63		ug/L		66	52 - 139
Aroclor 1016	4.00	2.81		ug/L		70	52 - 139
Aroclor 1260	4.00	2.71		ug/L		68	51 - 150
Aroclor 1260	4.00	2.64		ug/L		66	51 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	53		10 - 127
DCB Decachlorobiphenyl	51		10 - 127
Tetrachloro-m-xylene	74		21 - 139
Tetrachloro-m-xylene	82		21 - 139

Lab Sample ID: LCSD 460-1065206/3-A

Matrix: Water

Analysis Batch: 1065246

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1065206

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	4.00	2.57		ug/L		64	52 - 139	2	30
Aroclor 1016	4.00	2.79		ug/L		70	52 - 139	1	30
Aroclor 1260	4.00	2.72		ug/L		68	51 - 150	0	30
Aroclor 1260	4.00	2.67		ug/L		67	51 - 150	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	52		10 - 127
DCB Decachlorobiphenyl	51		10 - 127
Tetrachloro-m-xylene	73		21 - 139
Tetrachloro-m-xylene	81		21 - 139

QC Association Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

GC/MS VOA

Analysis Batch: 1066155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336090-1	TW-01_20250930	Total/NA	Water	8260D	
460-336090-2	TW-03_20250930	Total/NA	Water	8260D	
460-336090-3	TB-01_20250930	Total/NA	Water	8260D	
460-336090-4	TW-04_20250930	Total/NA	Water	8260D	
MB 460-1066155/10	Method Blank	Total/NA	Water	8260D	
LCS 460-1066155/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1066155/6	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 1065342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336090-1	TW-01_20250930	Total/NA	Water	3510C	
460-336090-2	TW-03_20250930	Total/NA	Water	3510C	
460-336090-4	TW-04_20250930	Total/NA	Water	3510C	
MB 460-1065342/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1065342/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1065342/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 1065454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336090-1	TW-01_20250930	Total/NA	Water	8270E	1065342
460-336090-2	TW-03_20250930	Total/NA	Water	8270E	1065342
460-336090-4	TW-04_20250930	Total/NA	Water	8270E	1065342
MB 460-1065342/1-A	Method Blank	Total/NA	Water	8270E	1065342
LCS 460-1065342/2-A	Lab Control Sample	Total/NA	Water	8270E	1065342
LCSD 460-1065342/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	1065342

GC Semi VOA

Prep Batch: 1065206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336090-1	TW-01_20250930	Total/NA	Water	3510C	
460-336090-2	TW-03_20250930	Total/NA	Water	3510C	
460-336090-4	TW-04_20250930	Total/NA	Water	3510C	
MB 460-1065206/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1065206/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1065206/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 1065246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1065206/1-A	Method Blank	Total/NA	Water	8082A	1065206
LCS 460-1065206/2-A	Lab Control Sample	Total/NA	Water	8082A	1065206
LCSD 460-1065206/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	1065206

Analysis Batch: 1065461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-336090-1	TW-01_20250930	Total/NA	Water	8082A	1065206
460-336090-2	TW-03_20250930	Total/NA	Water	8082A	1065206
460-336090-4	TW-04_20250930	Total/NA	Water	8082A	1065206

Eurofins Edison

Lab Chronicle

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Client Sample ID: TW-01_20250930

Lab Sample ID: 460-336090-1

Date Collected: 09/30/25 08:20

Matrix: Water

Date Received: 09/30/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1066155	CJM	EET EDI	10/06/25 13:58
Total/NA	Prep	3510C			1065342	NMP	EET EDI	10/02/25 09:46
Total/NA	Analysis	8270E		1	1065454	MME	EET EDI	10/02/25 22:33
Total/NA	Prep	3510C			1065206	JMS	EET EDI	10/02/25 08:55
Total/NA	Analysis	8082A		1	1065461	MJS	EET EDI	10/03/25 03:53

Client Sample ID: TW-03_20250930

Lab Sample ID: 460-336090-2

Date Collected: 09/30/25 11:25

Matrix: Water

Date Received: 09/30/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1066155	CJM	EET EDI	10/06/25 13:37
Total/NA	Prep	3510C			1065342	NMP	EET EDI	10/02/25 09:46
Total/NA	Analysis	8270E		1	1065454	MME	EET EDI	10/03/25 06:20
Total/NA	Prep	3510C			1065206	JMS	EET EDI	10/02/25 08:55
Total/NA	Analysis	8082A		1	1065461	MJS	EET EDI	10/03/25 04:09

Client Sample ID: TB-01_20250930

Lab Sample ID: 460-336090-3

Date Collected: 09/30/25 00:00

Matrix: Water

Date Received: 09/30/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1066155	CJM	EET EDI	10/06/25 12:55

Client Sample ID: TW-04_20250930

Lab Sample ID: 460-336090-4

Date Collected: 09/30/25 13:30

Matrix: Water

Date Received: 09/30/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1066155	CJM	EET EDI	10/06/25 13:16
Total/NA	Prep	3510C			1065342	NMP	EET EDI	10/02/25 09:46
Total/NA	Analysis	8270E		1	1065454	MME	EET EDI	10/02/25 23:15
Total/NA	Prep	3510C			1065206	JMS	EET EDI	10/02/25 08:55
Total/NA	Analysis	8082A		1	1065461	MJS	EET EDI	10/03/25 04:26

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3510C	Water	3 & 4 Methylphenol

Method Summary

Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

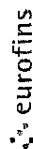
Client: AKRF Inc
Project/Site: 23-56 Broadway, Astoria, Queens, NY

Job ID: 460-336090-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-336090-1	TW-01_20250930	Water	09/30/25 08:20	09/30/25 19:20	New York
460-336090-2	TW-03_20250930	Water	09/30/25 11:25	09/30/25 19:20	New York
460-336090-3	TB-01_20250930	Water	09/30/25 00:00	09/30/25 19:20	New York
460-336090-4	TW-04_20250930	Water	09/30/25 13:30	09/30/25 19:20	New York

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Chain of Custody Record

[illegible]

336090

#UNGUN

Cooler Temperatures

	RAW	CORRECTED
Cooler #4:	°C	°C
Cooler #5:	°C	°C
Cooler #6:	°C	°C

	CORRECTED	
	RAW	°C
Cooler #7:	°C	°C
Cooler #8:	°C	°C
Cooler #9:	°C	°C

[illegible]

If pH adjustments are required record the information below.

Sample No(s) adjusted

Preservative Name/Conc.

Volume of Preservative used (ml)

Lot # of Preservative(s)

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

EDS-WI-038, Rev 4.1
10/22/2019

Initials:

22

Date _____

9/30/25

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-336090-1

Login Number: 336090

List Source: Eurofins Edison

List Number: 1

Creator: Thundathorn, Sukanan 1

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	