

Mr. Christopher Allan
New York State Department of Environmental Conservation
Division of Environmental Remediation
47-40 21st Street
Long Island City, New York, 11101

2.7.2025

**Re: Quarterly Monitoring Report – 2024 4th Quarter
975 Nostrand Avenue, Brooklyn, NY
NYSDEC Site No: C224335**

Dear Mr. Allan:

This Quarterly Monitoring Report has been prepared by AKRF, Inc. (AKRF) to summarize routine monitoring activities performed at the 975 Nostrand Avenue site located in Brooklyn, New York (the “Site”), also identified as Block 1309, Lot 6 on the New York City Tax Map. The Site is situated on an approximately 1.369-acre parcel bounded to the north by a vacant lot (under construction); to the east by Clove Road, followed by multi-family residential buildings; to the south by mixed residential and commercial uses; and to the west by Nostrand Avenue, followed by mixed residential and commercial uses and Sullivan Place. A Site location map is provided as Figure 1 and a Site plan is provided as Figure 2.

On December 21, 2021, Nostrand Green LLC entered into a Brownfield Cleanup Agreement (BCA) (Index No. C224335-12-21) with NYSDEC as a Volunteer to remediate the Site. The Site was remediated to a Track 2 Restricted Residential Use Cleanup and will be used for residential and commercial uses. A Certificate of Completion (CoC) was issued by NYSDEC in December 2023.

Soil vapor beneath the Site remains contaminated with the chlorinated volatile organic compound (VOC) tetrachloroethylene (PCE). Remedial activities were completed between July 2022 and September 2023 and included soil removal, underground storage tank (UST) removal, installation of a cut-off wall/barrier to prevent off-site vapor migration, installation of below ground components of an active sub-slab depressurization system (SSDS), and a soil vapor extraction (SVE) system (SVES). The SVES has operated continuously at the Site since November 2023. The aboveground components of the SSDS are currently being installed during building construction and the system will be activated upon building completion.

Site management activities are ongoing since issuance of the CoC. This report summarizes the following inspection and monitoring activities performed at the Site during the fourth quarter of 2024 between October 1 and December 31:

- Three monthly SVES inspections (October through December 2024);
- A round of extracted SVES vapor sampling; and
- One quarterly inspection of the SSDS (October 2024).

This quarterly monitoring report includes the associated field inspection logs. In accordance with the revised January 2024 SMP, further assessment (and recommendations, if necessary) will be provided in the annual Periodic Review Report (PRR). It is noted that subsequent monitoring reports will only include a summary of activities within the quarter and will not include a summary of activities prior to issuance of the CoC.

SVES Operation and Maintenance

SVES Monitoring

Initial startup of the SVES occurred in November 2023; and the contractor updated/changed some of the system components in the second quarter of 2024. Monthly inspections were performed on the system between October and December 2024 to monitor and evaluate the system performance.

Monthly SVES inspections comprised the following activities:

- Confirmation that the blower is operating, and air is discharging through the exhaust piping;
- Checking the moisture separator tank;
- Recording SVE blower operation and variable-frequency drive (VFD) readings;
- Recording pre- and post-filter vacuum readings;
- Recording post-blower pressure levels;
- Field-screening for relative concentrations of VOCs at the granular activated carbon (GAC) vessel influent, intermediate, and effluent ports; and
- Recording vacuum readings at each SVE manifold leg and the monitoring points.

During select inspections, the vacuum, pressure, and air flow rate readings on the SVE blower and individual SVE lines were lower than historic ranges (but still within acceptable ranges), since the system is currently operating at a reduced capacity due to persistent condensate issues (due to change/drop in temperature). Troubleshooting efforts to resolve condensate issues and ensure the SVES operates at full capacity are ongoing.

The system inspection completed in Q3 detected measurable levels of VOCs at the GAC vessel intermediate and effluent ports, as such, a GAC vessel change out was performed on October 11, 2024. No other significant changes were observed. The SVES layout is shown on Figure 3. Inspection logs are provided in Attachment A. The subcontractor is working with a disposal facility for removal of the spent vessels.

Periodic system shutdowns occurred due to condensate being trapped within the system piping. The source of increased condensate is most likely due to the large temperature difference in the winter between sub-surface vapors and external air as a result of the building envelope not being fully complete. The replacement of the carbon vessels in October 2024 alleviated many of the previous high pressure issues. The system also had to be shut down for short periods of time on multiple occasions to perform regular maintenance, troubleshooting, and repairs, as needed.

Extracted Vapor Sampling

On November 26, 2024, AKRF collected extracted vapor samples from the influent, intermediate, and effluent sample ports associated with the SVES's two GAC vessels. This sampling was conducted approximately twelve months after system startup (November 2023) to reassess VOC emissions calculations.

During the sampling event, grab vapor samples were collected using a peristaltic pump and dedicated silicone tubing to extract sample volume from vapor sampling ports into dedicated 1-liter Tedlar® bags at an approximate air flow rate of 0.1 liters per minute. Once filled, the Tedlar® bags were removed and the sample port closed. The grab samples were field screened for VOCs using a calibrated photoionization detector (PID). The air samples were picked up from the Site by the laboratory courier and submitted under chain-of-custody protocol to Eurofins TestAmerica (Eurofins) of Burlington, Vermont, and analyzed for VOCs by EPA Method TO-15 with Category B deliverables. For Quality Assurance/Quality Control (QA/QC) purposes, one trip blank and one blind duplicate were collected and submitted with the field samples for VOC analysis. Upon receipt of the sample results, the laboratory data was submitted to a third-party data validator and a Data Usability Summary Report (DUSR) was prepared.

SVES extracted vapor laboratory analytical results from November 2024 are summarized in Table 1. The complete data analytical report and DUSR are provided in Attachment B.

A summary of the laboratory results is provided below:

- Twenty-one VOCs were detected in one or more of the collected samples at concentrations ranging from an estimated 0.4 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) to 3,400 $\mu\text{g}/\text{m}^3$ [PCE at SVE-INF_20241126]. Four chlorinated VOCs, including PCE, trichloroethylene (TCE), dichloroethylenes, and cis-1,2-dichloroethylene (cis-1,2-DCE), were detected across all three samples (influent, intermediate, and effluent). Concentrations of these chlorinated VOCs showed appropriate reductions from the influent sample to the intermediate sample and from the intermediate sample to the effluent sample.

A comparison of these extracted vapor sample results (November 2024) to the sample results from the two initial sampling rounds (December 2023 and April 2024) is provided below in Table A.

Table A – Extracted Vapor PCE and TCE Concentrations

	Influent			Intermediate			Effluent		
	Dec. 2023	April 2024	Nov. 2024	Dec. 2023	April 2024	Nov. 2024	Dec. 2023	April 2024	Nov. 2024
PCE ($\mu\text{g}/\text{m}^3$)	890	2,200	3,400	0.32	2,300	14	0.47	880	2.1
TCE ($\mu\text{g}/\text{m}^3$)	2.5	8.3	14	ND	7.9	0.22	ND	6.2	ND
Cis-1,2-DCE ($\mu\text{g}/\text{m}^3$)	1.2	8.2	15	ND	8.6	0.82	ND	13	ND
Dichloro-ethylenes	1.2J	8.3	15J	ND	8.7	0.83J	ND	13	ND

ND = Not Detected

J = estimated

The extracted vapor sample results indicate that the SVES is improving contaminant mass recovery.

Further data analysis and discussion of the data, including comparison to the NYSDEC Division of Air Resources (DAR-1) guidelines, and PCE mass removal calculations will be conducted as part of the inaugural PRR, to be submitted to NYSDEC in May 2025.

SVE GAC Vessel Change Out

To alleviate some of the concerns associated with pressure buildup in the system due to size (too fine) of the carbon in the vessels, Four new GAC vessels were delivered to the site, including two to replace the spent GAC vessels and two extras for future use. The new vessels have a larger particle size carbon to address the pressure buildup and to ensure a smooth air flow in the system. The spent vessels were then labeled “USED” and staged on-site for off-site disposal, which is anticipated to occur in the first quarter of 2025.

SSDS Operation and Maintenance

An active SSDS (total 3 separate systems) will be operated at the Site to mitigate the potential for soil vapor intrusion into the new building. The SSDSs will induce a negative pressure (i.e., vacuum) beneath the newly constructed building slab. The underground elements of the SSDS were installed beneath the building slab following remedial excavation, prior to receipt of the CoC. The SSDS layout is shown on Figure 4. In accordance with the SMP, inspections of the SSDS are to be conducted on a quarterly basis following issuance of the CoC. The fourth SSDS inspection was conducted on October 24, 2024. All installed elements were noted to be in good condition. The installed SSDS manifolds and risers were pressure tested. The SSDS suction fans will be installed on the roof of the building in Q1 or Q2 2025.

Scheduled Activities

As stated in the revised NYSDEC-approved January 2024 SMP, SVES inspection frequency will be reduced to quarterly after the first year of operation and the vapor sampling will be conducted annually. As such, the first round of quarterly SVES inspections is expected in February 2025 and the next round of extracted vapor sampling from the SVES is expected in November 2025 (or sooner if required).

If you have any questions regarding the information presented herein, please contact Ashutosh Sharma at (646) 388-9865 or asharma@akrf.com.

Sincerely,
AKRF, Inc.



Ashutosh Sharma
Vice President



Axel Schwendt
Vice President

Attachments:

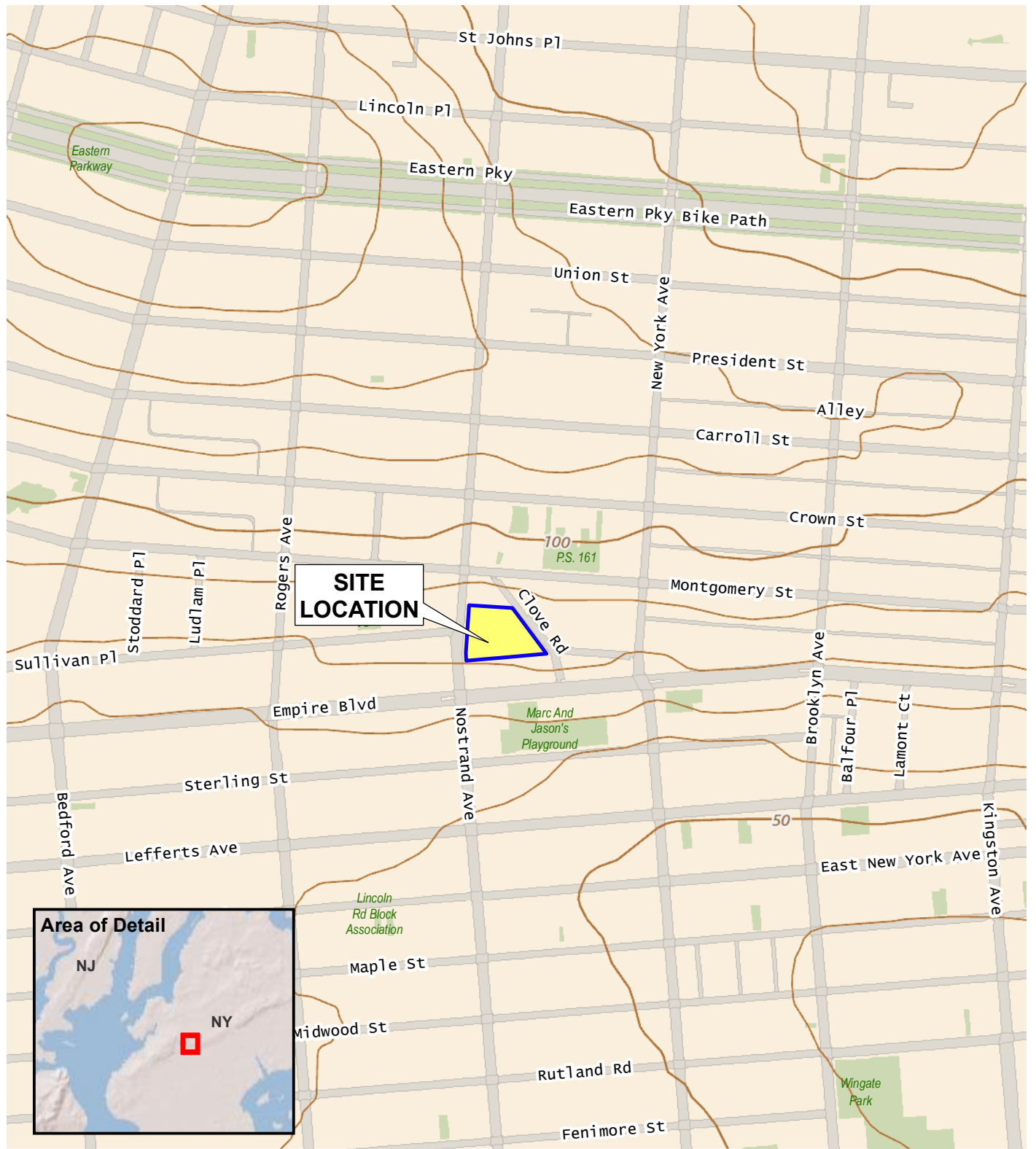
Figure 1	Site Location
Figure 2	BCP Site Plan and Sample Location Plan
Figure 3	SVES Layout Plan
Figure 4	SSDS Layout Plan
Table 1	SVES Extracted Vapor Analytical Results
Attachment A	SVES Inspection Logs
Attachment B	Laboratory Data Report and DUSR

cc (electronic copy only):

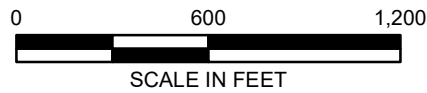
Cris-Sandra Maycock– NYSDEC
Sally Rushford – NYSDOH
Marlee Busching-Truscott – Nostrand Green LLC
Rebecca Kinal – AKRF

FIGURES

© 2023 AKRF. W:\Projects\210225 - 975 Nostrand Avenue\Technical\GIS and Graphics\SAR\210225 Figure 1 Site Location map.mxd 11/2/2022 10:32:53 AM iszalus



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



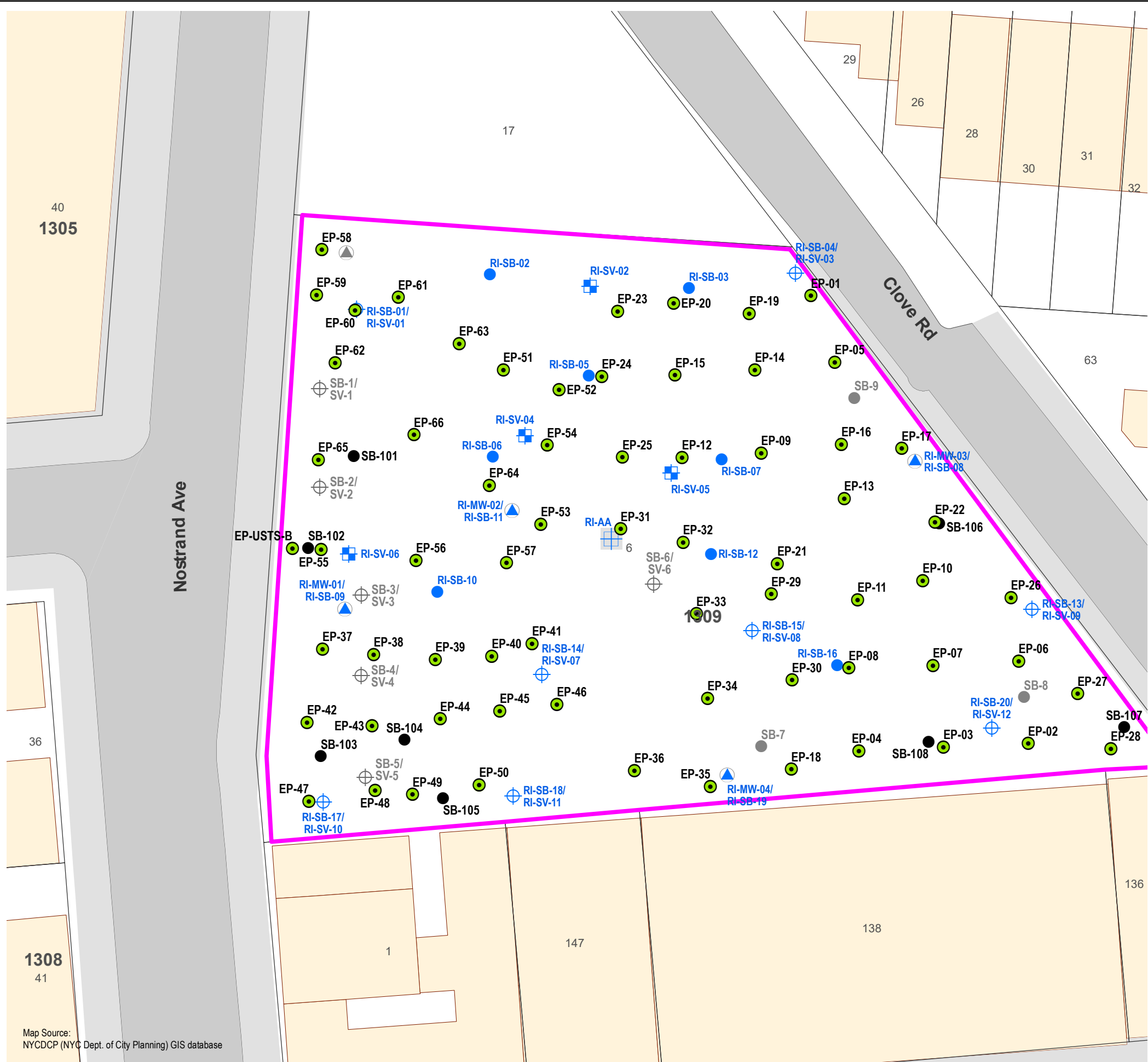
440 Park Avenue South, New York, NY 10016

975 Nostrand Avenue
Brooklyn, New York

SITE LOCATION

DATE 8/23/2023
PROJECT NO. 210225
FIGURE 1

© 2023 AKRF W:\Projects\190247 - LAMBERT HOUSES PARCEL 5\Technical\GIS and Graphics\Hazmat\MP2\10225 Figure 2 BCP Site Plan and Sample Location Plan.mxd 11/22/2023 5:55:09 PM iszelus



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

LEGEND

- BCP SITE BOUNDARY
- LOT BOUNDARY
- 1309** BLOCK NUMBER
- BUILDING
- EXISTING MONITORING WELL
- PREVIOUS SOIL BORING (EBI CONSULTING, 2020)
- PREVIOUS SOIL BORING/SOIL VAPOR POINT (EBI CONSULTING, 2020)
- SOIL BORING LOCATION (AKRF, 2021)
- RI SOIL BORINGS
- RI SOIL BORING/MONITORING WELL
- RI SOIL BORING/SOIL VAPOR POINT
- RI SOIL VAPOR POINT
- RI AMBIENT AIR SAMPLING LOCATION
- ENDPOINT SAMPLE LOCATION



SCALE IN FEET

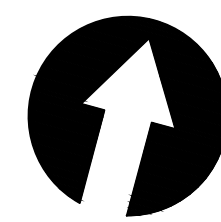


975 Nostrand Avenue
Brooklyn, New York

BCP SITE PLAN AND SAMPLE LOCATION PLAN



DATE
11/22/2023
PROJECT NO.
210225
FIGURE
2

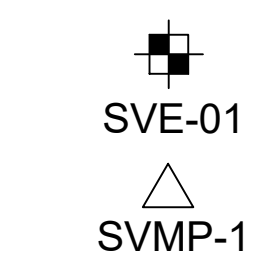


1
FIG-3 SOIL VAPOR EXTRACTION SYSTEM AS-BUILT LAYOUT
SCALE IN FEET
0 5 10 20
NOTE: PIPE SPACING NOT TO SCALE

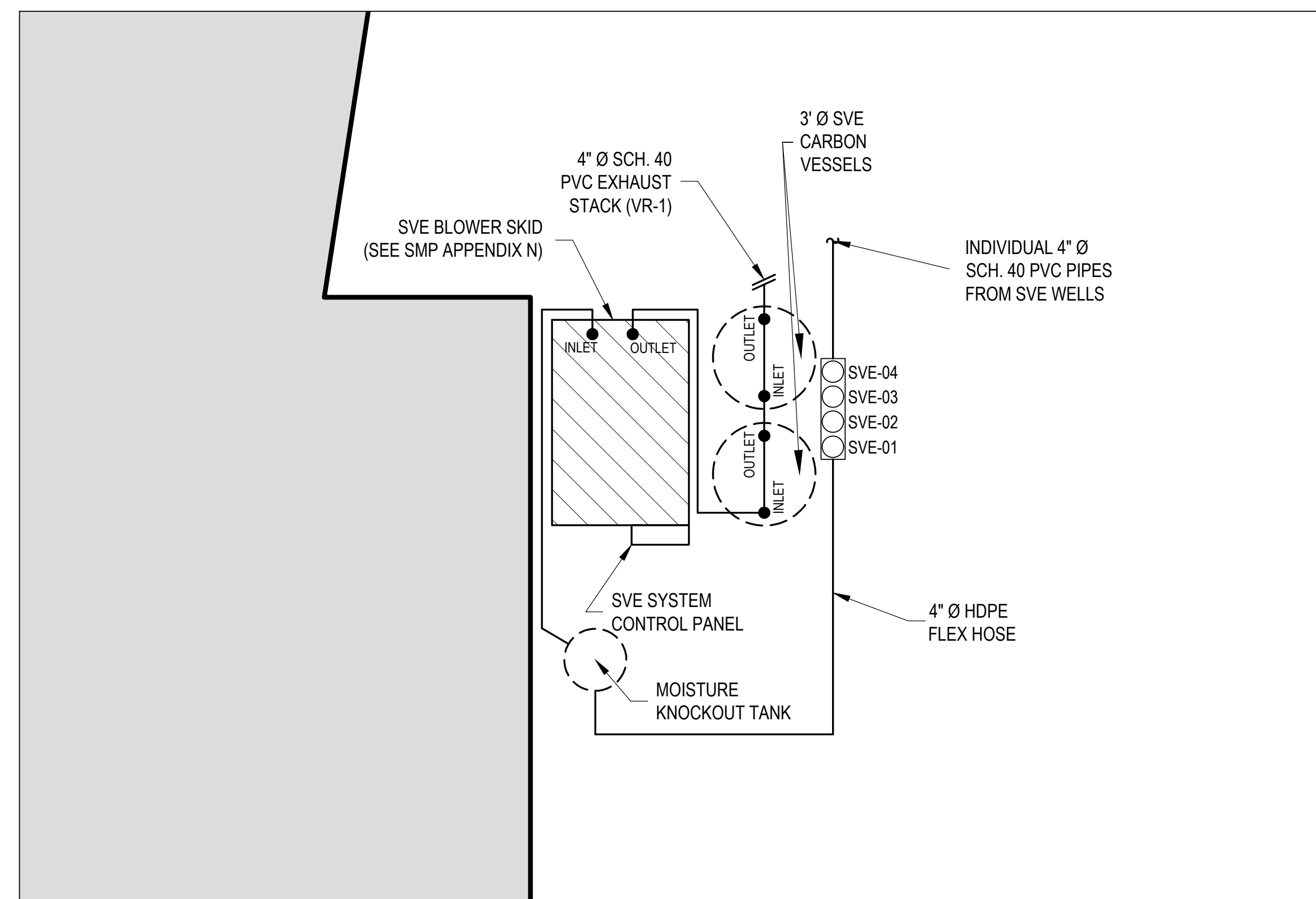
SVE VAPOR MONITORING POINT LOCATIONS		
ID	COLUMN LOCATION	ROOM
SVMP-01	144	GARAGE (SOUTH)
SVMP-02	143	RETAIL STORAGE
SVMP-03	153	GAS ROOM

LEGEND

- ABOVEGROUND SOLID 4" Ø SCHEDULE 40 PVC PIPE FROM SVE WELLS
- SOIL VAPOR EXTRACTION (SVE) WELL
- SVE VAPOR MONITORING POINT



2
FIG-3 SVE EQUIPMENT AREA
SCALE IN FEET
0 5 10 20
NOTE: PIPE SIZE AND SPACING NOT TO SCALE



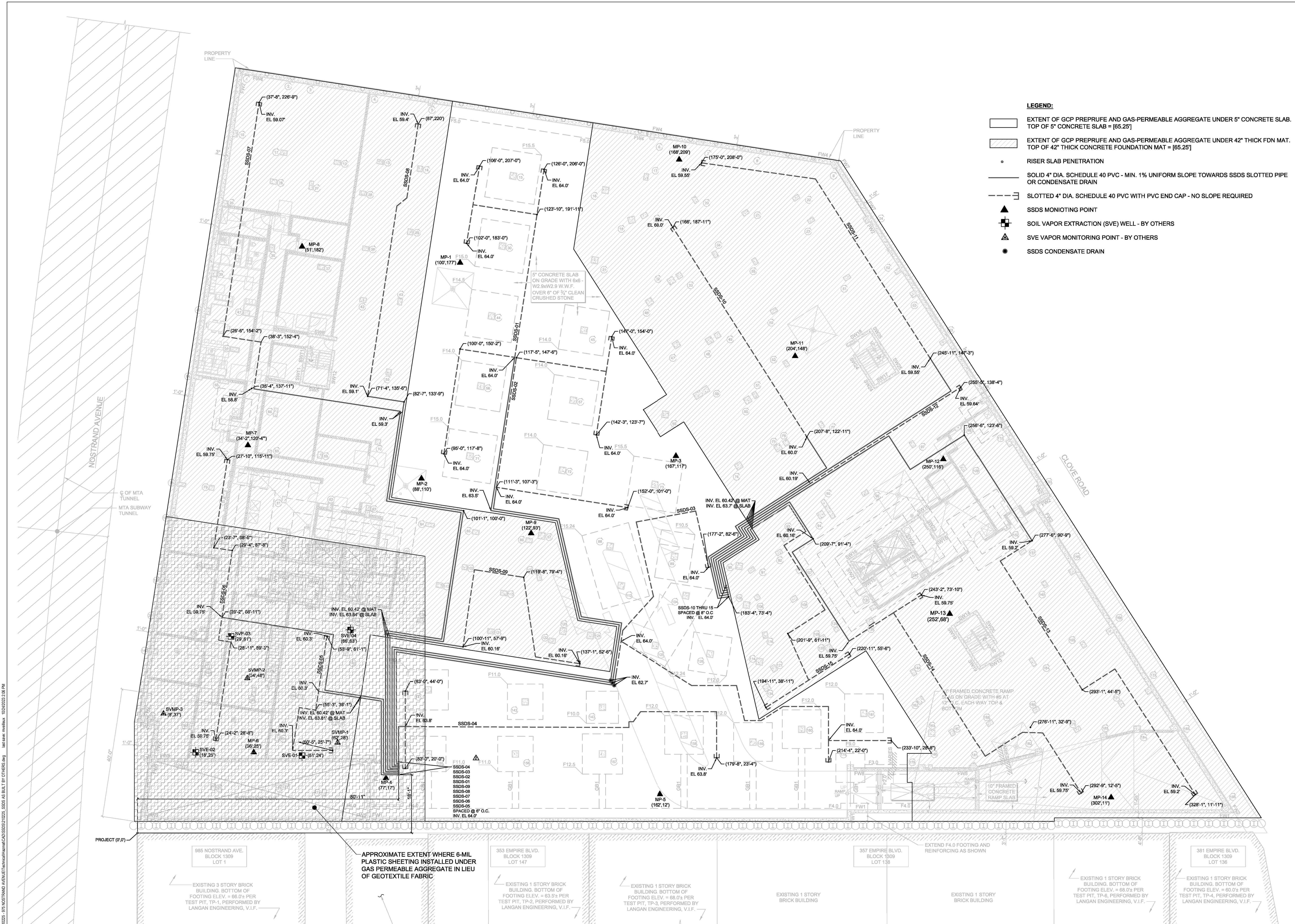
975 Nostrand Avenue
Brooklyn, NY, Block 1309, Lot 6

SVES LAYOUT PLAN



©2023 AKRF, Inc. 0:\proj\975-975 Nostrand Avenue\ET\external\SSDS-210225-SSDS AS-BUILT BY OTHERS.dwg 10/24/2023 2:06 PM last save: mreflex

SOURCE: Oliviero Construction Corp., "SSDS & SVE AS-BUILT",
Drawing No. VE-01, Dated September 06, 2023.



- LEGEND:**
- EXTENT OF GCP PREPRUFE AND GAS-PERMEABLE AGGREGATE UNDER 5" CONCRETE SLAB. TOP OF 5" CONCRETE SLAB = [65.25']
 - EXTENT OF GCP PREPRUFE AND GAS-PERMEABLE AGGREGATE UNDER 42" THICK FDN MAT. TOP OF 42" THICK CONCRETE FOUNDATION MAT = [65.25']
 - RISER SLAB PENETRATION
 - SOLID 4" DIA. SCHEDULE 40 PVC - MIN. 1% UNIFORM SLOPE TOWARDS SSDS SLOTTED PIPE OR CONDENSATE DRAIN
 - SLOTTED 4" DIA. SCHEDULE 40 PVC WITH PVC END CAP - NO SLOPE REQUIRED
 - SSDS MONIOTING POINT
 - SOIL VAPOR EXTRACTION (SVE) WELL - BY OTHERS
 - SVE VAPOR MONITORING POINT - BY OTHERS
 - SSDS CONDENSATE DRAIN

975 Nostrand Avenue
Brooklyn, NY. Block 1309, Lot 6

SSDS LAYOUT PLAN

AKRF
440 Park Avenue South, New York, NY 10016



DATE
4/24/2024

PROJECT NO.
210225

FIGURE
4

TABLE

Table 1
975 Nostrand Avenue
Brooklyn, NY

SVES Extracted Vapor Analytical Results - November 2024
Analytical Results of Volatile Organic Compounds (VOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	SVE-INF_20241126 200-76025-1 11/26/2024 µg/m ³ 40	SVE-INT_20241126 200-76025-2 11/26/2024 µg/m ³ 1	SVE-EFF_20241126 200-76025-3 11/26/2024 µg/m ³ 1	SVE-X_20241126 200-76025-4 11/26/2024 µg/m ³ 1	TB_20241126 200-76025-5 11/26/2024 µg/m ³ 1
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Dichlorodifluoromethane	99 U	2.2 J	2.3 J	2.3 J	2.5 U
Freon 22	71 U	1.8 U	1.8 U	1.8 U	1.8 U
1,2-Dichlorotetrafluoroethane	56 U	1.4 U	1.4 U	1.4 U	1.4 U
Chloromethane	41 U	0.36 J	0.39 J	0.44 J	1 U
n-Butane	48 U	3.1	5.5	5.6	1.2 U
Vinyl chloride	8 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3-Butadiene	18 U	0.44 U	0.44 U	0.44 U	0.44 U
Bromomethane	31 U	0.78 U	0.78 U	0.78 U	0.78 U
Chloroethane	53 U	1.3 U	1.3 U	1.3 U	1.3 U
Bromoethene(Vinyl Bromide)	35 U	0.87 U	0.87 U	0.87 U	0.87 U
Trichlorofluoromethane	45 U	1 J	0.99 J	0.99 J	1.1 U
Freon TF	61 U	1.5 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethene	5.6 U	0.14 U	0.14 U	0.14 U	0.14 U
Acetone	480 U	13	8.9 J	15	7.7 J
Isopropyl alcohol	490 U	3.9 J	12 U	6.1 J	12 U
Carbon disulfide	62 U	3.7	3.2	3.8	3.2
3-Chloropropene	63 U	1.6 U	1.6 U	1.6 U	1.6 U
Methylene Chloride	69 U	3.6	3.3	3.8	1.8
tert-Butyl alcohol	610 U	15 U	15 U	15 U	15 U
Methyl tert-butyl ether	29 U	0.72 U	0.72 U	0.72 U	0.72 U
trans-1,2-Dichloroethene	32 U	0.79 U	0.79 U	0.79 U	0.79 U
n-Hexane	70 U	0.5 J	0.46 J	0.72 J	0.38 J
1,1-Dichloroethane	32 U	0.81 U	0.81 U	0.81 U	0.81 U
Methyl Ethyl Ketone	59 U	1.5 U	1.5 U	1.5 U	1.5 U
cis-1,2-Dichloroethene	15	0.82	0.2 U	0.2 U	0.2 U
1,2-Dichloroethene, Total	15 J	0.83 J	1.6 U	1.6 U	1.6 U
Chloroform	20 J	0.43 J	0.98 U	0.98 U	0.98 U
Tetrahydrofuran	590 U	15 U	15 U	15 U	15 U
1,1,1-Trichloroethane	44 U	0.4 J	1.1 U	1.1 U	1.1 U
Cyclohexane	28 U	0.69 U	0.69 U	0.69 U	0.69 U
Carbon tetrachloride	8.8 U	0.18 J	0.22 U	0.22 U	0.22 U
2,2,4-Trimethylpentane	37 U	0.93 U	0.93 U	0.93 U	0.93 U
Benzene	26 U	0.15 J	0.35 J	0.43 J	0.64 U
1,2-Dichloroethane	32 U	0.81 U	0.81 U	0.81 U	0.81 U
n-Heptane	33 U	0.32 J	0.41 J	0.48 J	0.34 J
Trichloroethene	14	0.22	0.19 U	0.19 U	0.19 U
Methyl methacrylate	82 U	2 U	2 U	2 U	2 U

Table 1
975 Nostrand Avenue
Brooklyn, NY

SVES Extracted Vapor Analytical Results - November 2024
Analytical Results of Volatile Organic Compounds (VOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	SVE-INF_20241126 200-76025-1 11/26/2024 µg/m ³ 40	SVE-INT_20241126 200-76025-2 11/26/2024 µg/m ³ 1	SVE-EFF_20241126 200-76025-3 11/26/2024 µg/m ³ 1	SVE-X_20241126 200-76025-4 11/26/2024 µg/m ³ 1	TB_20241126 200-76025-5 11/26/2024 µg/m ³ 1
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2-Dichloropropane	37 U	0.92 U	0.92 U	0.92 U	0.92 U
1,4-Dioxane	720 U	18 U	18 U	18 U	18 U
Bromodichloromethane	54 U	1.3 U	1.3 U	1.3 U	1.3 U
cis-1,3-Dichloropropene	36 U	0.91 U	0.91 U	0.91 U	0.91 U
methyl isobutyl ketone	82 U	12	6	22	5.6
Toluene	30 U	10	10	6	5.2
trans-1,3-Dichloropropene	36 U	0.91 U	0.91 U	0.91 U	0.91 U
1,1,2-Trichloroethane	44 U	1.1 U	1.1 U	1.1 U	1.1 U
Tetrachloroethene	3400	14	2.4	3.1	1.4 U
Methyl Butyl Ketone (2-Hexanone)	82 U	2 U	2 U	2 U	2 U
Dibromochloromethane	68 U	1.7 U	1.7 U	1.7 U	1.7 U
1,2-Dibromoethane	61 U	1.5 U	1.5 U	1.5 U	1.5 U
Chlorobenzene	37 U	0.92 U	0.92 U	0.92 U	0.92 U
Ethylbenzene	35 U	0.87 U	0.87 U	0.87 U	0.87 U
m,p-Xylene	87 U	0.69 J	0.63 J	1 J	0.5 J
Xylene, o-	35 U	0.28 J	0.87 U	0.45 J	0.27 J
Xylene (total)	120 U	0.97 J	0.61 J	1.4 J	0.75 J
Styrene	34 U	0.85 U	0.85 U	0.85 U	0.85 U
Bromoform	83 U	2.1 U	2.1 U	2.1 U	2.1 U
Cumene	39 U	0.98 U	0.21 J	0.38 J	0.98 U
1,1,1,2-Tetrachloroethane	55 U	1.4 U	1.4 U	1.4 U	1.4 U
n-Propylbenzene	39 U	0.98 U	0.98 U	0.98 U	0.98 U
4-Ethyltoluene	39 U	0.98 U	0.98 U	0.98 U	0.98 U
1,3,5-Trimethylbenzene	39 U	0.98 U	0.98 U	0.98 U	0.98 U
2-Chlorotoluene	41 U	1 U	1 U	1 U	1 U
tert-Butylbenzene	44 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2,4-Trimethylbenzene	39 U	0.98 U	0.98 U	0.44 J	0.98 U
sec-Butylbenzene	44 U	1.1 U	1.1 U	1.1 U	1.1 U
4-Isopropyltoluene	44 U	1.1 U	1.1 U	1.1 U	1.1 U
1,3-Dichlorobenzene	48 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	48 U	1.2 U	1.2 U	1.2 U	1.2 U
Benzyl chloride	41 U	1 U	1 U	1 U	1 U
n-Butylbenzene	44 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	48 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2,4-Trichlorobenzene	150 U	3.7 U	3.7 U	3.7 U	3.7 U
Hexachlorobutadiene	85 U	2.1 U	2.1 U	2.1 U	2.1 U
Naphthalene	100 U	2.6 U	2.6 U	2.6 U	2.6 U

Table 1
975 Nostrand Avenue
Brooklyn, NY
SVES Extracted Vapor Analytical Results - November 2024
Notes

DEFINITIONS

J : The concentration given is an estimated value.

L : Sample result is estimated and biased low.

U : The analyte was not detected at the indicated concentration.

µg/m³ : micrograms per cubic meter of air

U *+ : LCS and/or LCSD is outside acceptance limits, high biased.

DUPLICATES

SVE-X_20241126 is a blind duplicate of sample SVE-EFF_20241126

ATTACHMENT A
SVES INSPECTION LOGS

SVE INSPECTION LOG MONTHLY SOIL VAPOR EXTRACTION SYSTEM INSPECTION 975 Nostrand Avenue, Brooklyn, NY			
Inspector Name: M. Bates		Date: 10/24/2024	
Time IN: 09:00		Time OUT: 13:00	
GENERAL			
Weather: Cloudy	Temperature: 72 F	Barometric Pressure: 30.15	Equipment Room Temperature: 70 F
When was the last rain event? 10/10/2024			
Is the SVE blower currently operating? Yes / No (circle one) If no, ALERT PROJECT MANAGER and please list reason/alarm condition:			
What is the VFD setting? 36 Hz If under 30 Hz, ALERT PROJECT MANAGER:			
Is condensate in the knockout tank gauge below the low-high float sensor? Yes / No (circle one) If no, ALERT PROJECT MANAGER and manually drain knockout tank			
Is transfer pump working? Yes / No (circle one) If no, ALERT PROJECT MANAGER.			
Is 50-gallon drum full? Yes / No (circle one) If yes, acknowledge alarm on panel and ALERT PROJECT MANAGER.			
Any evidence of system tampering, vandalism or damage? Yes / No (circle one) If yes, ALERT PROJECT MANAGER and please note findings:			
Any evidence of system tampering, vandalism or damage to the exhaust stack? Yes / No (circle one) If yes, ALERT PROJECT MANAGER and please note findings:			
Notes: This SVE Inspection Log should be completed along with the sampling log for each sampling event. PID - Photoionization Detector; ppm - parts per million; NA - Not applicable; GAC - Granular Activated Carbon			
Comments: Pushed VFD to 60 Hz for approximately 45 min but this caused alarm for SVE high temperature.			
Emergency Contact Information			
	Name	Title	Contact Number
	Ashutosh Sharma	AKRF Project Manager	646-388-9865 (office)
	Joseph Kohl Riggs	Owner's Representative	718-473-9663 (office)

SVE INSPECTION LOG MONTHLY SOIL VAPOR EXTRACTION SYSTEM INSPECTION 975 Nostrand Avenue, Brooklyn, NY				
SVE Operation CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE/TYPICAL RANGE (IN GRAY)				
Pre-Blower Inlet Temperature (°F): 40-80°F		Post-Blower Outlet Temperature (°F): 70-110°F		Knockout Tank Vacuum (Inches of water column): 0-90 inH2O
65		90		0
Pre-filter Vacuum (Inches of water column): 0-90 inH2O		Post-filter Vacuum (Inches of water column): 0-90 inH2O		Post-Blower Pressure (Inches of water column): 0-90 inH2O
10		4		23
GAC Influent PID (ppm):		GAC Intermediate PID (ppm): Less than GAC Influent PID		GAC Effluent PID (ppm): 0 ppm
6.0		0.3		0
Monitoring Location	Vacuum Reading "H2O Between 0 and 90 "H2O	Air Flow Reading "H2O Between 0.000 and 0.050 "H2O	Air Flow Reading CFM	Notes
SVE-01	4.034	NR	25.95	readings based on velocicalc probe
SVE-02	3.583	NR	38.31	readings based on velocicalc probe
SVE-03	3.64	NR	58.73	readings based on velocicalc probe
SVE-04	3.541	NR	20.75	readings based on velocicalc probe
SVMP-01	-0.071			
SVMP-02	-0.107			
SVMP-03	-0.087			

SVE INSPECTION LOG MONTHLY SOIL VAPOR EXTRACTION SYSTEM INSPECTION 975 Nostrand Avenue, Brooklyn, NY			
Inspector Name: M. Bates		Date: 11/26/2024	
Time IN: 09:00		Time OUT: 13:00	
GENERAL			
Weather: Partly Cloudy	Temperature: 50 F	Barometric Pressure: 30.02	Equipment Room Temperature: 60
When was the last rain event? N/a			
Is the SVE blower currently operating? Yes / No (circle one) If no, ALERT PROJECT MANAGER and please list reason/alarm condition:			
What is the VFD setting? 36 Hz If under 30 Hz, ALERT PROJECT MANAGER:			
Is condensate in the knockout tank gauge below the low-high float sensor? Yes / No (circle one) If no, ALERT PROJECT MANAGER and manually drain knockout tank			
Is transfer pump working? Yes / No (circle one) If no, ALERT PROJECT MANAGER.			
Is 50-gallon drum full? Yes / No (circle one) If yes, acknowledge alarm on panel and ALERT PROJECT MANAGER.			
Any evidence of system tampering, vandalism or damage? Yes / No (circle one) If yes, ALERT PROJECT MANAGER and please note findings:			
Any evidence of system tampering, vandalism or damage to the exhaust stack? Yes / No (circle one) If yes, ALERT PROJECT MANAGER and please note findings:			
Notes: This SVE Inspection Log should be completed along with the sampling log for each sampling event. PID - Photoionization Detector; ppm - parts per million; NA - Not applicable; GAC - Granular Activated Carbon			
Comments:			
Emergency Contact Information			
	Name	Title	Contact Number
	Ashutosh Sharma	AKRF Project Manager	646-388-9865 (office)
	Joseph Kohl Riggs	Owner's Representative	718-473-9663 (office)

SVE INSPECTION LOG MONTHLY SOIL VAPOR EXTRACTION SYSTEM INSPECTION 975 Nostrand Avenue, Brooklyn, NY				
SVE Operation CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE/TYPICAL RANGE (IN GRAY)				
Pre-Blower Inlet Temperature (°F): 40-80°F		Post-Blower Outlet Temperature (°F): 70-110°F		Knockout Tank Vacuum (Inches of water column): 0-90 inH2O
60		90		0
Pre-filter Vacuum (Inches of water column): 0-90 inH2O		Post-filter Vacuum (Inches of water column): 0-90 inH2O		Post-Blower Pressure (Inches of water column): 0-90 inH2O
8		10		32
GAC Influent PID (ppm):		GAC Intermediate PID (ppm): Less than GAC Influent PID		GAC Effluent PID (ppm): 0 ppm
3.2		2.4		1.7
Monitoring Location	Vacuum Reading "H2O Between 0 and 90 "H2O	Air Flow Reading "H2O Between 0.000 and 0.050 "H2O	Air Flow Reading CFM	Notes
SVE-01	-9	0.081		
SVE-02	-6	0.073		
SVE-03	-5	0.055		
SVE-04	-6.5	0.063		
SVMP-01	-0.091			
SVMP-02	-0.122			
SVMP-03	-0.115			

SVE INSPECTION LOG MONTHLY SOIL VAPOR EXTRACTION SYSTEM INSPECTION 975 Nostrand Avenue, Brooklyn, NY			
Inspector Name: M. Bates		Date: 12/13/2024	
Time IN: 09:00		Time OUT: 13:00	
GENERAL			
Weather: Cloudy	Temperature: 31 F	Barometric Pressure: 30.63	Equipment Room Temperature: 50
When was the last rain event? N/a			
Is the SVE blower currently operating? Yes / No (circle one) If no, ALERT PROJECT MANAGER and please list reason/alarm condition:			
What is the VFD setting? 36 Hz If under 30 Hz, ALERT PROJECT MANAGER:			
Is condensate in the knockout tank gauge below the low-high float sensor? Yes / No (circle one) If no, ALERT PROJECT MANAGER and manually drain knockout tank			
Is transfer pump working? Yes / No (circle one) If no, ALERT PROJECT MANAGER.			
Is 50-gallon drum full? Yes / No (circle one) If yes, acknowledge alarm on panel and ALERT PROJECT MANAGER.			
Any evidence of system tampering, vandalism or damage? Yes / No (circle one) If yes, ALERT PROJECT MANAGER and please note findings:			
Any evidence of system tampering, vandalism or damage to the exhaust stack? Yes / No (circle one) If yes, ALERT PROJECT MANAGER and please note findings:			
Notes: This SVE Inspection Log should be completed along with the sampling log for each sampling event. PID - Photoionization Detector; ppm - parts per million; NA - Not applicable; GAC - Granular Activated Carbon			
Comments:			
Emergency Contact Information			
	Name	Title	Contact Number
	Ashutosh Sharma	AKRF Project Manager	646-388-9865 (office)
	Joseph Kohl Riggs	Owner's Representative	718-473-9663 (office)

SVE INSPECTION LOG MONTHLY SOIL VAPOR EXTRACTION SYSTEM INSPECTION 975 Nostrand Avenue, Brooklyn, NY				
SVE Operation CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE/TYPICAL RANGE (IN GRAY)				
Pre-Blower Inlet Temperature (°F): 40-80°F		Post-Blower Outlet Temperature (°F): 70-110°F		Knockout Tank Vacuum (Inches of water column): 0-90 inH2O
50		72		0
Pre-filter Vacuum (Inches of water column): 0-90 inH2O		Post-filter Vacuum (Inches of water column): 0-90 inH2O		Post-Blower Pressure (Inches of water column): 0-90 inH2O
10		7.5		16
GAC Influent PID (ppm):		GAC Intermediate PID (ppm): Less than GAC Influent PID		GAC Effluent PID (ppm): 0 ppm
1.0		0.0		0
Monitoring Location	Vacuum Reading "H2O Between 0 and 90 "H2O	Air Flow Reading "H2O Between 0.000 and 0.050 "H2O	Air Flow Reading CFM	Notes
SVE-01	-8.5	0.051		
SVE-02	-10	0.081		
SVE-03	-8	0.074		
SVE-04	-6	0.061		
SVMP-01	-0.08			
SVMP-02	-0.124			
SVMP-03	-0.109			

ATTACHMENT B
Laboratory Data Report and DUSR



ANALYTICAL REPORT

PREPARED FOR

Attn: Tim Larigan
AKRF Inc
440 Park Avenue South
7th Floor
New York NY 10016

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JOB DESCRIPTION

975 Nostrand Avenue, Brooklyn (Air)

JOB NUMBER

200-76025-1

Eurofins Burlington

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 TestAmerica 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
Elizabeth J Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
732 549-3900

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Definitions/Glossary

Client: AKRF Inc

Job ID: 200-76025-1

Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
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

CASE NARRATIVE

Client: AKRF Inc

Project: 975 Nostrand Avenue, Brooklyn (Air)

Report Number: 200-76025-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 11/27/2024 10:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANICS (AMBIENT AIR)

Samples SVE-INF_20241126 (200-76025-1), SVE-INT_20241126 (200-76025-2), SVE-EFF_20241126 (200-76025-3), SVE-X_20241126 (200-76025-4) and TB_20241126 (200-76025-5) were analyzed for Volatile Organics (Ambient Air) in accordance with EPA Method TO15. The samples were analyzed on 11/27/2024 and 11/28/2024.

Sample SVE-INF_20241126 (200-76025-1)[40X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the VOCs analysis.

All quality control parameters were within the acceptance limits.

Detection Summary

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Client Sample ID: SVE-INF_20241126

Lab Sample ID: 200-76025-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.8		2.0	0.84	ppb v/v	40			TO-15	Total/NA
1,2-Dichloroethene, Total	3.8	J	16	0.84	ppb v/v	40			TO-15	Total/NA
Chloroform	4.2	J	8.0	1.6	ppb v/v	40			TO-15	Total/NA
Trichloroethene	2.6		1.4	1.0	ppb v/v	40			TO-15	Total/NA
Tetrachloroethene	500		8.0	0.84	ppb v/v	40			TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	15		8.0	3.3	ug/m3	40			TO-15	Total/NA
1,2-Dichloroethene, Total	15	J	63	3.3	ug/m3	40			TO-15	Total/NA
Chloroform	20	J	39	8.0	ug/m3	40			TO-15	Total/NA
Trichloroethene	14		7.5	5.4	ug/m3	40			TO-15	Total/NA
Tetrachloroethene	3400		54	5.7	ug/m3	40			TO-15	Total/NA

Client Sample ID: SVE-INT_20241126

Lab Sample ID: 200-76025-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.44	J	0.50	0.11	ppb v/v	1			TO-15	Total/NA
Chloromethane	0.18	J	0.50	0.15	ppb v/v	1			TO-15	Total/NA
n-Butane	1.3		0.50	0.20	ppb v/v	1			TO-15	Total/NA
Trichlorofluoromethane	0.18	J	0.20	0.050	ppb v/v	1			TO-15	Total/NA
Acetone	5.3		5.0	1.6	ppb v/v	1			TO-15	Total/NA
Isopropyl alcohol	1.6	J	5.0	1.6	ppb v/v	1			TO-15	Total/NA
Carbon disulfide	1.2		0.50	0.13	ppb v/v	1			TO-15	Total/NA
Methylene Chloride	1.0		0.50	0.18	ppb v/v	1			TO-15	Total/NA
n-Hexane	0.14	J	0.50	0.11	ppb v/v	1			TO-15	Total/NA
cis-1,2-Dichloroethene	0.21		0.050	0.021	ppb v/v	1			TO-15	Total/NA
1,2-Dichloroethene, Total	0.21	J	0.40	0.021	ppb v/v	1			TO-15	Total/NA
Chloroform	0.088	J	0.20	0.041	ppb v/v	1			TO-15	Total/NA
1,1,1-Trichloroethane	0.074	J	0.20	0.044	ppb v/v	1			TO-15	Total/NA
Carbon tetrachloride	0.028	J	0.035	0.022	ppb v/v	1			TO-15	Total/NA
Benzene	0.048	J	0.20	0.044	ppb v/v	1			TO-15	Total/NA
n-Heptane	0.077	J	0.20	0.055	ppb v/v	1			TO-15	Total/NA
Trichloroethene	0.041		0.035	0.025	ppb v/v	1			TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.8		0.50	0.13	ppb v/v	1			TO-15	Total/NA
Toluene	2.7		0.20	0.062	ppb v/v	1			TO-15	Total/NA
Tetrachloroethene	2.1		0.20	0.021	ppb v/v	1			TO-15	Total/NA
m,p-Xylene	0.16	J	0.50	0.095	ppb v/v	1			TO-15	Total/NA
o-Xylene	0.064	J	0.20	0.063	ppb v/v	1			TO-15	Total/NA
Xylene (total)	0.22	J	0.70	0.052	ppb v/v	1			TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1			TO-15	Total/NA
Chloromethane	0.36	J	1.0	0.31	ug/m3	1			TO-15	Total/NA
n-Butane	3.1		1.2	0.48	ug/m3	1			TO-15	Total/NA
Trichlorofluoromethane	1.0	J	1.1	0.28	ug/m3	1			TO-15	Total/NA
Acetone	13		12	3.8	ug/m3	1			TO-15	Total/NA
Isopropyl alcohol	3.9	J	12	3.9	ug/m3	1			TO-15	Total/NA
Carbon disulfide	3.7		1.6	0.40	ug/m3	1			TO-15	Total/NA
Methylene Chloride	3.6		1.7	0.63	ug/m3	1			TO-15	Total/NA
n-Hexane	0.50	J	1.8	0.39	ug/m3	1			TO-15	Total/NA
cis-1,2-Dichloroethene	0.82		0.20	0.083	ug/m3	1			TO-15	Total/NA
1,2-Dichloroethene, Total	0.83	J	1.6	0.083	ug/m3	1			TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Client Sample ID: SVE-INT_20241126 (Continued)

Lab Sample ID: 200-76025-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.43	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.40	J	1.1	0.24	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.18	J	0.22	0.14	ug/m3	1		TO-15	Total/NA
Benzene	0.15	J	0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.32	J	0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.22		0.19	0.13	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	12		2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	10		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	14		1.4	0.14	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.69	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.28	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
Xylene (total)	0.97	J	3.0	0.23	ug/m3	1		TO-15	Total/NA

Client Sample ID: SVE-EFF_20241126

Lab Sample ID: 200-76025-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.47	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.19	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	2.3		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.18	J	0.20	0.050	ppb v/v	1		TO-15	Total/NA
Acetone	3.8	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	1.0		0.50	0.13	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.94		0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.13	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Benzene	0.11	J	0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.10	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.5		0.50	0.13	ppb v/v	1		TO-15	Total/NA
Toluene	2.7		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.36		0.20	0.021	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.14	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.14	J	0.70	0.052	ppb v/v	1		TO-15	Total/NA
Cumene	0.042	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.3	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	0.39	J	1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	5.5		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	0.99	J	1.1	0.28	ug/m3	1		TO-15	Total/NA
Acetone	8.9	J	12	3.8	ug/m3	1		TO-15	Total/NA
Carbon disulfide	3.2		1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	3.3		1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	0.46	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Benzene	0.35	J	0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.41	J	0.82	0.23	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	6.0		2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	10		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	2.4		1.4	0.14	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.63	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
Xylene (total)	0.61	J	3.0	0.23	ug/m3	1		TO-15	Total/NA
Cumene	0.21	J	0.98	0.20	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Client Sample ID: SVE-X_20241126

Lab Sample ID: 200-76025-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.46	J	0.50	0.11	ppb v/v	1			TO-15	Total/NA
Chloromethane	0.21	J	0.50	0.15	ppb v/v	1			TO-15	Total/NA
n-Butane	2.3		0.50	0.20	ppb v/v	1			TO-15	Total/NA
Trichlorofluoromethane	0.18	J	0.20	0.050	ppb v/v	1			TO-15	Total/NA
Acetone	6.5		5.0	1.6	ppb v/v	1			TO-15	Total/NA
Isopropyl alcohol	2.5	J	5.0	1.6	ppb v/v	1			TO-15	Total/NA
Carbon disulfide	1.2		0.50	0.13	ppb v/v	1			TO-15	Total/NA
Methylene Chloride	1.1		0.50	0.18	ppb v/v	1			TO-15	Total/NA
n-Hexane	0.21	J	0.50	0.11	ppb v/v	1			TO-15	Total/NA
Benzene	0.13	J	0.20	0.044	ppb v/v	1			TO-15	Total/NA
n-Heptane	0.12	J	0.20	0.055	ppb v/v	1			TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	5.3		0.50	0.13	ppb v/v	1			TO-15	Total/NA
Toluene	1.6		0.20	0.062	ppb v/v	1			TO-15	Total/NA
Tetrachloroethene	0.46		0.20	0.021	ppb v/v	1			TO-15	Total/NA
m,p-Xylene	0.23	J	0.50	0.095	ppb v/v	1			TO-15	Total/NA
o-Xylene	0.10	J	0.20	0.063	ppb v/v	1			TO-15	Total/NA
Xylene (total)	0.33	J	0.70	0.052	ppb v/v	1			TO-15	Total/NA
Cumene	0.078	J	0.20	0.041	ppb v/v	1			TO-15	Total/NA
1,2,4-Trimethylbenzene	0.090	J	0.20	0.080	ppb v/v	1			TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.3	J	2.5	0.54	ug/m3	1			TO-15	Total/NA
Chloromethane	0.44	J	1.0	0.31	ug/m3	1			TO-15	Total/NA
n-Butane	5.6		1.2	0.48	ug/m3	1			TO-15	Total/NA
Trichlorofluoromethane	0.99	J	1.1	0.28	ug/m3	1			TO-15	Total/NA
Acetone	15		12	3.8	ug/m3	1			TO-15	Total/NA
Isopropyl alcohol	6.1	J	12	3.9	ug/m3	1			TO-15	Total/NA
Carbon disulfide	3.8		1.6	0.40	ug/m3	1			TO-15	Total/NA
Methylene Chloride	3.8		1.7	0.63	ug/m3	1			TO-15	Total/NA
n-Hexane	0.72	J	1.8	0.39	ug/m3	1			TO-15	Total/NA
Benzene	0.43	J	0.64	0.14	ug/m3	1			TO-15	Total/NA
n-Heptane	0.48	J	0.82	0.23	ug/m3	1			TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	22		2.0	0.53	ug/m3	1			TO-15	Total/NA
Toluene	6.0		0.75	0.23	ug/m3	1			TO-15	Total/NA
Tetrachloroethene	3.1		1.4	0.14	ug/m3	1			TO-15	Total/NA
m,p-Xylene	1.0	J	2.2	0.41	ug/m3	1			TO-15	Total/NA
o-Xylene	0.45	J	0.87	0.27	ug/m3	1			TO-15	Total/NA
Xylene (total)	1.4	J	3.0	0.23	ug/m3	1			TO-15	Total/NA
Cumene	0.38	J	0.98	0.20	ug/m3	1			TO-15	Total/NA
1,2,4-Trimethylbenzene	0.44	J	0.98	0.39	ug/m3	1			TO-15	Total/NA

Client Sample ID: TB_20241126

Lab Sample ID: 200-76025-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	3.2	J	5.0	1.6	ppb v/v	1			TO-15	Total/NA
Carbon disulfide	1.0		0.50	0.13	ppb v/v	1			TO-15	Total/NA
Methylene Chloride	0.53		0.50	0.18	ppb v/v	1			TO-15	Total/NA
n-Hexane	0.11	J	0.50	0.11	ppb v/v	1			TO-15	Total/NA
n-Heptane	0.082	J	0.20	0.055	ppb v/v	1			TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.4		0.50	0.13	ppb v/v	1			TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: AKRF Inc

Job ID: 200-76025-1

Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Client Sample ID: TB_20241126 (Continued)

Lab Sample ID: 200-76025-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Toluene	1.4		0.20	0.062	ppb v/v	1			TO-15	Total/NA
m,p-Xylene	0.11	J	0.50	0.095	ppb v/v	1			TO-15	Total/NA
o-Xylene	0.063	J	0.20	0.063	ppb v/v	1			TO-15	Total/NA
Xylene (total)	0.17	J	0.70	0.052	ppb v/v	1			TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	7.7	J	12	3.8	ug/m3	1			TO-15	Total/NA
Carbon disulfide	3.2		1.6	0.40	ug/m3	1			TO-15	Total/NA
Methylene Chloride	1.8		1.7	0.63	ug/m3	1			TO-15	Total/NA
n-Hexane	0.38	J	1.8	0.39	ug/m3	1			TO-15	Total/NA
n-Heptane	0.34	J	0.82	0.23	ug/m3	1			TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	5.6		2.0	0.53	ug/m3	1			TO-15	Total/NA
Toluene	5.2		0.75	0.23	ug/m3	1			TO-15	Total/NA
m,p-Xylene	0.50	J	2.2	0.41	ug/m3	1			TO-15	Total/NA
o-Xylene	0.27	J	0.87	0.27	ug/m3	1			TO-15	Total/NA
Xylene (total)	0.75	J	3.0	0.23	ug/m3	1			TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Client Sample ID: SVE-INF_20241126

Lab Sample ID: 200-76025-1

Date Collected: 11/26/24 12:30

Matrix: Air

Date Received: 11/27/24 10:40

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	20	U	20	4.4	ppb v/v			11/27/24 19:09	40
Freon 22	20	U	20	4.8	ppb v/v			11/27/24 19:09	40
1,2-Dichlorotetrafluoroethane	8.0	U	8.0	1.9	ppb v/v			11/27/24 19:09	40
Chloromethane	20	U	20	6.0	ppb v/v			11/27/24 19:09	40
n-Butane	20	U	20	8.0	ppb v/v			11/27/24 19:09	40
Vinyl chloride	3.1	U	3.1	0.84	ppb v/v			11/27/24 19:09	40
1,3-Butadiene	8.0	U	8.0	1.6	ppb v/v			11/27/24 19:09	40
Bromomethane	8.0	U	8.0	2.8	ppb v/v			11/27/24 19:09	40
Chloroethane	20	U	20	7.2	ppb v/v			11/27/24 19:09	40
Bromoethene(Vinyl Bromide)	8.0	U	8.0	2.0	ppb v/v			11/27/24 19:09	40
Trichlorofluoromethane	8.0	U	8.0	2.0	ppb v/v			11/27/24 19:09	40
Freon TF	8.0	U	8.0	2.1	ppb v/v			11/27/24 19:09	40
1,1-Dichloroethene	1.4	U	1.4	1.0	ppb v/v			11/27/24 19:09	40
Acetone	200	U	200	64	ppb v/v			11/27/24 19:09	40
Isopropyl alcohol	200	U	200	64	ppb v/v			11/27/24 19:09	40
Carbon disulfide	20	U	20	5.2	ppb v/v			11/27/24 19:09	40
3-Chloropropene	20	U	20	4.8	ppb v/v			11/27/24 19:09	40
Methylene Chloride	20	U	20	7.2	ppb v/v			11/27/24 19:09	40
tert-Butyl alcohol	200	U	200	48	ppb v/v			11/27/24 19:09	40
Methyl tert-butyl ether	8.0	U	8.0	1.4	ppb v/v			11/27/24 19:09	40
trans-1,2-Dichloroethene	8.0	U	8.0	0.92	ppb v/v			11/27/24 19:09	40
n-Hexane	20	U	20	4.4	ppb v/v			11/27/24 19:09	40
1,1-Dichloroethane	8.0	U	8.0	1.0	ppb v/v			11/27/24 19:09	40
Methyl Ethyl Ketone (2-Butanone)	20	U	20	20	ppb v/v			11/27/24 19:09	40
cis-1,2-Dichloroethene	3.8		2.0	0.84	ppb v/v			11/27/24 19:09	40
1,2-Dichloroethene, Total	3.8 J		16	0.84	ppb v/v			11/27/24 19:09	40
Chloroform	4.2 J		8.0	1.6	ppb v/v			11/27/24 19:09	40
Tetrahydrofuran	200	U	200	52	ppb v/v			11/27/24 19:09	40
1,1,1-Trichloroethane	8.0	U	8.0	1.8	ppb v/v			11/27/24 19:09	40
Cyclohexane	8.0	U	8.0	2.3	ppb v/v			11/27/24 19:09	40
Carbon tetrachloride	1.4	U	1.4	0.88	ppb v/v			11/27/24 19:09	40
2,2,4-Trimethylpentane	8.0	U	8.0	1.5	ppb v/v			11/27/24 19:09	40
Benzene	8.0	U	8.0	1.8	ppb v/v			11/27/24 19:09	40
1,2-Dichloroethane	8.0	U	8.0	3.7	ppb v/v			11/27/24 19:09	40
n-Heptane	8.0	U	8.0	2.2	ppb v/v			11/27/24 19:09	40
Trichloroethene	2.6		1.4	1.0	ppb v/v			11/27/24 19:09	40
Methyl methacrylate	20	U	20	5.6	ppb v/v			11/27/24 19:09	40
1,2-Dichloropropane	8.0	U	8.0	3.8	ppb v/v			11/27/24 19:09	40
1,4-Dioxane	200	U	200	3.3	ppb v/v			11/27/24 19:09	40
Bromodichloromethane	8.0	U	8.0	2.0	ppb v/v			11/27/24 19:09	40
cis-1,3-Dichloropropene	8.0	U	8.0	1.8	ppb v/v			11/27/24 19:09	40
4-Methyl-2-pentanone (Methyl isobutyl ketone)	20	U	20	5.2	ppb v/v			11/27/24 19:09	40
Toluene	8.0	U	8.0	2.5	ppb v/v			11/27/24 19:09	40
trans-1,3-Dichloropropene	8.0	U	8.0	2.2	ppb v/v			11/27/24 19:09	40
1,1,2-Trichloroethane	8.0	U	8.0	3.0	ppb v/v			11/27/24 19:09	40
Tetrachloroethene	500		8.0	0.84	ppb v/v			11/27/24 19:09	40
Methyl Butyl Ketone (2-Hexanone)	20	U	20	6.0	ppb v/v			11/27/24 19:09	40
Dibromochloromethane	8.0	U	8.0	2.5	ppb v/v			11/27/24 19:09	40

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Client Sample ID: SVE-INF_20241126

Lab Sample ID: 200-76025-1

Date Collected: 11/26/24 12:30

Matrix: Air

Date Received: 11/27/24 10:40

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	8.0	U	8.0	1.7	ppb v/v			11/27/24 19:09	40
Chlorobenzene	8.0	U	8.0	1.8	ppb v/v			11/27/24 19:09	40
Ethylbenzene	8.0	U	8.0	2.8	ppb v/v			11/27/24 19:09	40
m,p-Xylene	20	U	20	3.8	ppb v/v			11/27/24 19:09	40
o-Xylene	8.0	U	8.0	2.5	ppb v/v			11/27/24 19:09	40
Xylene (total)	28	U	28	2.1	ppb v/v			11/27/24 19:09	40
Styrene	8.0	U	8.0	2.4	ppb v/v			11/27/24 19:09	40
Bromoform	8.0	U	8.0	4.8	ppb v/v			11/27/24 19:09	40
Cumene	8.0	U	8.0	1.6	ppb v/v			11/27/24 19:09	40
1,1,2,2-Tetrachloroethane	8.0	U	8.0	1.7	ppb v/v			11/27/24 19:09	40
n-Propylbenzene	8.0	U	8.0	1.9	ppb v/v			11/27/24 19:09	40
4-Ethyltoluene	8.0	U	8.0	2.0	ppb v/v			11/27/24 19:09	40
1,3,5-Trimethylbenzene	8.0	U	8.0	1.9	ppb v/v			11/27/24 19:09	40
2-Chlorotoluene	8.0	U	8.0	1.8	ppb v/v			11/27/24 19:09	40
tert-Butylbenzene	8.0	U	8.0	1.9	ppb v/v			11/27/24 19:09	40
1,2,4-Trimethylbenzene	8.0	U	8.0	3.2	ppb v/v			11/27/24 19:09	40
sec-Butylbenzene	8.0	U	8.0	1.8	ppb v/v			11/27/24 19:09	40
4-Isopropyltoluene	8.0	U	8.0	2.4	ppb v/v			11/27/24 19:09	40
1,3-Dichlorobenzene	8.0	U	8.0	3.0	ppb v/v			11/27/24 19:09	40
1,4-Dichlorobenzene	8.0	U	8.0	3.6	ppb v/v			11/27/24 19:09	40
Benzyl chloride	8.0	U	8.0	3.5	ppb v/v			11/27/24 19:09	40
n-Butylbenzene	8.0	U	8.0	4.4	ppb v/v			11/27/24 19:09	40
1,2-Dichlorobenzene	8.0	U	8.0	2.6	ppb v/v			11/27/24 19:09	40
1,2,4-Trichlorobenzene	20	U	20	13	ppb v/v			11/27/24 19:09	40
Hexachlorobutadiene	8.0	U	8.0	4.4	ppb v/v			11/27/24 19:09	40
Naphthalene	20	U	20	12	ppb v/v			11/27/24 19:09	40
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	99	U	99	22	ug/m3			11/27/24 19:09	40
Freon 22	71	U	71	17	ug/m3			11/27/24 19:09	40
1,2-Dichlorotetrafluoroethane	56	U	56	13	ug/m3			11/27/24 19:09	40
Chloromethane	41	U	41	12	ug/m3			11/27/24 19:09	40
n-Butane	48	U	48	19	ug/m3			11/27/24 19:09	40
Vinyl chloride	8.0	U	8.0	2.1	ug/m3			11/27/24 19:09	40
1,3-Butadiene	18	U	18	3.5	ug/m3			11/27/24 19:09	40
Bromomethane	31	U	31	11	ug/m3			11/27/24 19:09	40
Chloroethane	53	U	53	19	ug/m3			11/27/24 19:09	40
Bromoethene(Vinyl Bromide)	35	U	35	8.7	ug/m3			11/27/24 19:09	40
Trichlorofluoromethane	45	U	45	11	ug/m3			11/27/24 19:09	40
Freon TF	61	U	61	16	ug/m3			11/27/24 19:09	40
1,1-Dichloroethene	5.6	U	5.6	4.1	ug/m3			11/27/24 19:09	40
Acetone	480	U	480	150	ug/m3			11/27/24 19:09	40
Isopropyl alcohol	490	U	490	160	ug/m3			11/27/24 19:09	40
Carbon disulfide	62	U	62	16	ug/m3			11/27/24 19:09	40
3-Chloropropene	63	U	63	15	ug/m3			11/27/24 19:09	40
Methylene Chloride	69	U	69	25	ug/m3			11/27/24 19:09	40
tert-Butyl alcohol	610	U	610	150	ug/m3			11/27/24 19:09	40
Methyl tert-butyl ether	29	U	29	5.2	ug/m3			11/27/24 19:09	40
trans-1,2-Dichloroethene	32	U	32	3.6	ug/m3			11/27/24 19:09	40

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Client Sample ID: SVE-INF_20241126

Lab Sample ID: 200-76025-1

Date Collected: 11/26/24 12:30

Matrix: Air

Date Received: 11/27/24 10:40

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Hexane	70	U	70	16	ug/m3			11/27/24 19:09	40
1,1-Dichloroethane	32	U	32	4.0	ug/m3			11/27/24 19:09	40
Methyl Ethyl Ketone (2-Butanone)	59	U	59	58	ug/m3			11/27/24 19:09	40
cis-1,2-Dichloroethene	15		8.0	3.3	ug/m3			11/27/24 19:09	40
1,2-Dichloroethene, Total	15 J		63	3.3	ug/m3			11/27/24 19:09	40
Chloroform	20 J		39	8.0	ug/m3			11/27/24 19:09	40
Tetrahydrofuran	590	U	590	150	ug/m3			11/27/24 19:09	40
1,1,1-Trichloroethane	44	U	44	9.6	ug/m3			11/27/24 19:09	40
Cyclohexane	28	U	28	8.0	ug/m3			11/27/24 19:09	40
Carbon tetrachloride	8.8	U	8.8	5.5	ug/m3			11/27/24 19:09	40
2,2,4-Trimethylpentane	37	U	37	7.1	ug/m3			11/27/24 19:09	40
Benzene	26	U	26	5.6	ug/m3			11/27/24 19:09	40
1,2-Dichloroethane	32	U	32	15	ug/m3			11/27/24 19:09	40
n-Heptane	33	U	33	9.0	ug/m3			11/27/24 19:09	40
Trichloroethene	14		7.5	5.4	ug/m3			11/27/24 19:09	40
Methyl methacrylate	82	U	82	23	ug/m3			11/27/24 19:09	40
1,2-Dichloropropane	37	U	37	17	ug/m3			11/27/24 19:09	40
1,4-Dioxane	720	U	720	12	ug/m3			11/27/24 19:09	40
Bromodichloromethane	54	U	54	13	ug/m3			11/27/24 19:09	40
cis-1,3-Dichloropropene	36	U	36	8.2	ug/m3			11/27/24 19:09	40
4-Methyl-2-pentanone (Methyl isobutyl ketone)	82	U	82	21	ug/m3			11/27/24 19:09	40
Toluene	30	U	30	9.3	ug/m3			11/27/24 19:09	40
trans-1,3-Dichloropropene	36	U	36	9.8	ug/m3			11/27/24 19:09	40
1,1,2-Trichloroethane	44	U	44	16	ug/m3			11/27/24 19:09	40
Tetrachloroethene	3400		54	5.7	ug/m3			11/27/24 19:09	40
Methyl Butyl Ketone (2-Hexanone)	82	U	82	25	ug/m3			11/27/24 19:09	40
Dibromochloromethane	68	U	68	21	ug/m3			11/27/24 19:09	40
1,2-Dibromoethane	61	U	61	13	ug/m3			11/27/24 19:09	40
Chlorobenzene	37	U	37	8.1	ug/m3			11/27/24 19:09	40
Ethylbenzene	35	U	35	12	ug/m3			11/27/24 19:09	40
m,p-Xylene	87	U	87	17	ug/m3			11/27/24 19:09	40
o-Xylene	35	U	35	11	ug/m3			11/27/24 19:09	40
Xylene (total)	120	U	120	9.0	ug/m3			11/27/24 19:09	40
Styrene	34	U	34	10	ug/m3			11/27/24 19:09	40
Bromoform	83	U	83	50	ug/m3			11/27/24 19:09	40
Cumene	39	U	39	8.1	ug/m3			11/27/24 19:09	40
1,1,2,2-Tetrachloroethane	55	U	55	12	ug/m3			11/27/24 19:09	40
n-Propylbenzene	39	U	39	9.2	ug/m3			11/27/24 19:09	40
4-Ethyltoluene	39	U	39	9.6	ug/m3			11/27/24 19:09	40
1,3,5-Trimethylbenzene	39	U	39	9.2	ug/m3			11/27/24 19:09	40
2-Chlorotoluene	41	U	41	9.5	ug/m3			11/27/24 19:09	40
tert-Butylbenzene	44	U	44	10	ug/m3			11/27/24 19:09	40
1,2,4-Trimethylbenzene	39	U	39	16	ug/m3			11/27/24 19:09	40
sec-Butylbenzene	44	U	44	9.9	ug/m3			11/27/24 19:09	40
4-Isopropyltoluene	44	U	44	13	ug/m3			11/27/24 19:09	40
1,3-Dichlorobenzene	48	U	48	18	ug/m3			11/27/24 19:09	40
1,4-Dichlorobenzene	48	U	48	21	ug/m3			11/27/24 19:09	40
Benzyl chloride	41	U	41	18	ug/m3			11/27/24 19:09	40

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Client Sample ID: SVE-INF_20241126

Lab Sample ID: 200-76025-1

Date Collected: 11/26/24 12:30

Matrix: Air

Date Received: 11/27/24 10:40

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	44	U	44	24	ug/m3			11/27/24 19:09	40
1,2-Dichlorobenzene	48	U	48	16	ug/m3			11/27/24 19:09	40
1,2,4-Trichlorobenzene	150	U	150	98	ug/m3			11/27/24 19:09	40
Hexachlorobutadiene	85	U	85	47	ug/m3			11/27/24 19:09	40
Naphthalene	100	U	100	63	ug/m3			11/27/24 19:09	40

Client Sample ID: SVE-INT_20241126

Lab Sample ID: 200-76025-2

Date Collected: 11/26/24 12:45

Matrix: Air

Date Received: 11/27/24 10:40

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.44	J	0.50	0.11	ppb v/v			11/27/24 21:45	1
Freon 22	0.50	U	0.50	0.12	ppb v/v			11/27/24 21:45	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			11/27/24 21:45	1
Chloromethane	0.18	J	0.50	0.15	ppb v/v			11/27/24 21:45	1
n-Butane	1.3		0.50	0.20	ppb v/v			11/27/24 21:45	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			11/27/24 21:45	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			11/27/24 21:45	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			11/27/24 21:45	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			11/27/24 21:45	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			11/27/24 21:45	1
Trichlorofluoromethane	0.18	J	0.20	0.050	ppb v/v			11/27/24 21:45	1
Freon TF	0.20	U	0.20	0.053	ppb v/v			11/27/24 21:45	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			11/27/24 21:45	1
Acetone	5.3		5.0	1.6	ppb v/v			11/27/24 21:45	1
Isopropyl alcohol	1.6	J	5.0	1.6	ppb v/v			11/27/24 21:45	1
Carbon disulfide	1.2		0.50	0.13	ppb v/v			11/27/24 21:45	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			11/27/24 21:45	1
Methylene Chloride	1.0		0.50	0.18	ppb v/v			11/27/24 21:45	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			11/27/24 21:45	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			11/27/24 21:45	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			11/27/24 21:45	1
n-Hexane	0.14	J	0.50	0.11	ppb v/v			11/27/24 21:45	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			11/27/24 21:45	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			11/27/24 21:45	1
cis-1,2-Dichloroethene	0.21		0.050	0.021	ppb v/v			11/27/24 21:45	1
1,2-Dichloroethene, Total	0.21	J	0.40	0.021	ppb v/v			11/27/24 21:45	1
Chloroform	0.088	J	0.20	0.041	ppb v/v			11/27/24 21:45	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			11/27/24 21:45	1
1,1,1-Trichloroethane	0.074	J	0.20	0.044	ppb v/v			11/27/24 21:45	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			11/27/24 21:45	1
Carbon tetrachloride	0.028	J	0.035	0.022	ppb v/v			11/27/24 21:45	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			11/27/24 21:45	1
Benzene	0.048	J	0.20	0.044	ppb v/v			11/27/24 21:45	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			11/27/24 21:45	1
n-Heptane	0.077	J	0.20	0.055	ppb v/v			11/27/24 21:45	1
Trichloroethene	0.041		0.035	0.025	ppb v/v			11/27/24 21:45	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Client Sample ID: SVE-INT_20241126

Lab Sample ID: 200-76025-2

Date Collected: 11/26/24 12:45

Matrix: Air

Date Received: 11/27/24 10:40

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			11/27/24 21:45	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			11/27/24 21:45	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			11/27/24 21:45	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			11/27/24 21:45	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			11/27/24 21:45	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.8		0.50	0.13	ppb v/v			11/27/24 21:45	1
Toluene	2.7		0.20	0.062	ppb v/v			11/27/24 21:45	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			11/27/24 21:45	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			11/27/24 21:45	1
Tetrachloroethene	2.1		0.20	0.021	ppb v/v			11/27/24 21:45	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			11/27/24 21:45	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			11/27/24 21:45	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			11/27/24 21:45	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			11/27/24 21:45	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			11/27/24 21:45	1
m,p-Xylene	0.16	J	0.50	0.095	ppb v/v			11/27/24 21:45	1
o-Xylene	0.064	J	0.20	0.063	ppb v/v			11/27/24 21:45	1
Xylene (total)	0.22	J	0.70	0.052	ppb v/v			11/27/24 21:45	1
Styrene	0.20	U	0.20	0.059	ppb v/v			11/27/24 21:45	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			11/27/24 21:45	1
Cumene	0.20	U	0.20	0.041	ppb v/v			11/27/24 21:45	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			11/27/24 21:45	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			11/27/24 21:45	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			11/27/24 21:45	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			11/27/24 21:45	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			11/27/24 21:45	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			11/27/24 21:45	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			11/27/24 21:45	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			11/27/24 21:45	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			11/27/24 21:45	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			11/27/24 21:45	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			11/27/24 21:45	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			11/27/24 21:45	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			11/27/24 21:45	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			11/27/24 21:45	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			11/27/24 21:45	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			11/27/24 21:45	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			11/27/24 21:45	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3			11/27/24 21:45	1
Freon 22	1.8	U	1.8	0.42	ug/m3			11/27/24 21:45	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			11/27/24 21:45	1
Chloromethane	0.36	J	1.0	0.31	ug/m3			11/27/24 21:45	1
n-Butane	3.1		1.2	0.48	ug/m3			11/27/24 21:45	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			11/27/24 21:45	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			11/27/24 21:45	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			11/27/24 21:45	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Client Sample ID: SVE-INT_20241126

Lab Sample ID: 200-76025-2

Date Collected: 11/26/24 12:45

Matrix: Air

Date Received: 11/27/24 10:40

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.3	U	1.3	0.47	ug/m3			11/27/24 21:45	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			11/27/24 21:45	1
Trichlorofluoromethane	1.0	J	1.1	0.28	ug/m3			11/27/24 21:45	1
Freon TF	1.5	U	1.5	0.41	ug/m3			11/27/24 21:45	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			11/27/24 21:45	1
Acetone	13		12	3.8	ug/m3			11/27/24 21:45	1
Isopropyl alcohol	3.9	J	12	3.9	ug/m3			11/27/24 21:45	1
Carbon disulfide	3.7		1.6	0.40	ug/m3			11/27/24 21:45	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			11/27/24 21:45	1
Methylene Chloride	3.6		1.7	0.63	ug/m3			11/27/24 21:45	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			11/27/24 21:45	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			11/27/24 21:45	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			11/27/24 21:45	1
n-Hexane	0.50	J	1.8	0.39	ug/m3			11/27/24 21:45	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			11/27/24 21:45	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			11/27/24 21:45	1
cis-1,2-Dichloroethene	0.82		0.20	0.083	ug/m3			11/27/24 21:45	1
1,2-Dichloroethene, Total	0.83	J	1.6	0.083	ug/m3			11/27/24 21:45	1
Chloroform	0.43	J	0.98	0.20	ug/m3			11/27/24 21:45	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			11/27/24 21:45	1
1,1,1-Trichloroethane	0.40	J	1.1	0.24	ug/m3			11/27/24 21:45	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			11/27/24 21:45	1
Carbon tetrachloride	0.18	J	0.22	0.14	ug/m3			11/27/24 21:45	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			11/27/24 21:45	1
Benzene	0.15	J	0.64	0.14	ug/m3			11/27/24 21:45	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			11/27/24 21:45	1
n-Heptane	0.32	J	0.82	0.23	ug/m3			11/27/24 21:45	1
Trichloroethene	0.22		0.19	0.13	ug/m3			11/27/24 21:45	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			11/27/24 21:45	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			11/27/24 21:45	1
1,4-Dioxane	18	U	18	0.30	ug/m3			11/27/24 21:45	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			11/27/24 21:45	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			11/27/24 21:45	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	12		2.0	0.53	ug/m3			11/27/24 21:45	1
Toluene	10		0.75	0.23	ug/m3			11/27/24 21:45	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			11/27/24 21:45	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			11/27/24 21:45	1
Tetrachloroethene	14		1.4	0.14	ug/m3			11/27/24 21:45	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			11/27/24 21:45	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			11/27/24 21:45	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			11/27/24 21:45	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			11/27/24 21:45	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			11/27/24 21:45	1
m,p-Xylene	0.69	J	2.2	0.41	ug/m3			11/27/24 21:45	1
o-Xylene	0.28	J	0.87	0.27	ug/m3			11/27/24 21:45	1
Xylene (total)	0.97	J	3.0	0.23	ug/m3			11/27/24 21:45	1
Styrene	0.85	U	0.85	0.25	ug/m3			11/27/24 21:45	1
Bromoform	2.1	U	2.1	1.2	ug/m3			11/27/24 21:45	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Client Sample ID: SVE-INT_20241126

Lab Sample ID: 200-76025-2

Date Collected: 11/26/24 12:45

Matrix: Air

Date Received: 11/27/24 10:40

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cumene	0.98	U	0.98	0.20	ug/m3			11/27/24 21:45	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			11/27/24 21:45	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			11/27/24 21:45	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			11/27/24 21:45	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			11/27/24 21:45	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			11/27/24 21:45	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			11/27/24 21:45	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			11/27/24 21:45	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			11/27/24 21:45	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			11/27/24 21:45	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			11/27/24 21:45	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			11/27/24 21:45	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			11/27/24 21:45	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			11/27/24 21:45	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			11/27/24 21:45	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			11/27/24 21:45	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			11/27/24 21:45	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			11/27/24 21:45	1

Client Sample ID: SVE-EFF_20241126

Lab Sample ID: 200-76025-3

Date Collected: 11/26/24 13:00

Matrix: Air

Date Received: 11/27/24 10:40

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.47	J	0.50	0.11	ppb v/v			11/27/24 23:28	1
Freon 22	0.50	U	0.50	0.12	ppb v/v			11/27/24 23:28	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			11/27/24 23:28	1
Chloromethane	0.19	J	0.50	0.15	ppb v/v			11/27/24 23:28	1
n-Butane	2.3		0.50	0.20	ppb v/v			11/27/24 23:28	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			11/27/24 23:28	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			11/27/24 23:28	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			11/27/24 23:28	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			11/27/24 23:28	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			11/27/24 23:28	1
Trichlorofluoromethane	0.18	J	0.20	0.050	ppb v/v			11/27/24 23:28	1
Freon TF	0.20	U	0.20	0.053	ppb v/v			11/27/24 23:28	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			11/27/24 23:28	1
Acetone	3.8	J	5.0	1.6	ppb v/v			11/27/24 23:28	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			11/27/24 23:28	1
Carbon disulfide	1.0		0.50	0.13	ppb v/v			11/27/24 23:28	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			11/27/24 23:28	1
Methylene Chloride	0.94		0.50	0.18	ppb v/v			11/27/24 23:28	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			11/27/24 23:28	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			11/27/24 23:28	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			11/27/24 23:28	1
n-Hexane	0.13	J	0.50	0.11	ppb v/v			11/27/24 23:28	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			11/27/24 23:28	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Client Sample ID: SVE-EFF_20241126

Lab Sample ID: 200-76025-3

Date Collected: 11/26/24 13:00

Matrix: Air

Date Received: 11/27/24 10:40

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			11/27/24 23:28	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			11/27/24 23:28	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.021	ppb v/v			11/27/24 23:28	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			11/27/24 23:28	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			11/27/24 23:28	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			11/27/24 23:28	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			11/27/24 23:28	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			11/27/24 23:28	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			11/27/24 23:28	1
Benzene	0.11	J	0.20	0.044	ppb v/v			11/27/24 23:28	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			11/27/24 23:28	1
n-Heptane	0.10	J	0.20	0.055	ppb v/v			11/27/24 23:28	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			11/27/24 23:28	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			11/27/24 23:28	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			11/27/24 23:28	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			11/27/24 23:28	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			11/27/24 23:28	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			11/27/24 23:28	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.5		0.50	0.13	ppb v/v			11/27/24 23:28	1
Toluene	2.7		0.20	0.062	ppb v/v			11/27/24 23:28	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			11/27/24 23:28	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			11/27/24 23:28	1
Tetrachloroethene	0.36		0.20	0.021	ppb v/v			11/27/24 23:28	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			11/27/24 23:28	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			11/27/24 23:28	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			11/27/24 23:28	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			11/27/24 23:28	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			11/27/24 23:28	1
m,p-Xylene	0.14	J	0.50	0.095	ppb v/v			11/27/24 23:28	1
o-Xylene	0.20	U	0.20	0.063	ppb v/v			11/27/24 23:28	1
Xylene (total)	0.14	J	0.70	0.052	ppb v/v			11/27/24 23:28	1
Styrene	0.20	U	0.20	0.059	ppb v/v			11/27/24 23:28	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			11/27/24 23:28	1
Cumene	0.042	J	0.20	0.041	ppb v/v			11/27/24 23:28	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			11/27/24 23:28	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			11/27/24 23:28	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			11/27/24 23:28	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			11/27/24 23:28	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			11/27/24 23:28	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			11/27/24 23:28	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			11/27/24 23:28	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			11/27/24 23:28	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			11/27/24 23:28	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			11/27/24 23:28	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			11/27/24 23:28	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			11/27/24 23:28	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			11/27/24 23:28	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			11/27/24 23:28	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Client Sample ID: SVE-EFF_20241126

Lab Sample ID: 200-76025-3

Date Collected: 11/26/24 13:00

Matrix: Air

Date Received: 11/27/24 10:40

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			11/27/24 23:28	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			11/27/24 23:28	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			11/27/24 23:28	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.3	J	2.5	0.54	ug/m3			11/27/24 23:28	1
Freon 22	1.8	U	1.8	0.42	ug/m3			11/27/24 23:28	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			11/27/24 23:28	1
Chloromethane	0.39	J	1.0	0.31	ug/m3			11/27/24 23:28	1
n-Butane	5.5		1.2	0.48	ug/m3			11/27/24 23:28	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			11/27/24 23:28	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			11/27/24 23:28	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			11/27/24 23:28	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			11/27/24 23:28	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			11/27/24 23:28	1
Trichlorofluoromethane	0.99	J	1.1	0.28	ug/m3			11/27/24 23:28	1
Freon TF	1.5	U	1.5	0.41	ug/m3			11/27/24 23:28	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			11/27/24 23:28	1
Acetone	8.9	J	12	3.8	ug/m3			11/27/24 23:28	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			11/27/24 23:28	1
Carbon disulfide	3.2		1.6	0.40	ug/m3			11/27/24 23:28	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			11/27/24 23:28	1
Methylene Chloride	3.3		1.7	0.63	ug/m3			11/27/24 23:28	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			11/27/24 23:28	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			11/27/24 23:28	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			11/27/24 23:28	1
n-Hexane	0.46	J	1.8	0.39	ug/m3			11/27/24 23:28	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			11/27/24 23:28	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			11/27/24 23:28	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			11/27/24 23:28	1
1,2-Dichloroethene, Total	1.6	U	1.6	0.083	ug/m3			11/27/24 23:28	1
Chloroform	0.98	U	0.98	0.20	ug/m3			11/27/24 23:28	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			11/27/24 23:28	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			11/27/24 23:28	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			11/27/24 23:28	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			11/27/24 23:28	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			11/27/24 23:28	1
Benzene	0.35	J	0.64	0.14	ug/m3			11/27/24 23:28	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			11/27/24 23:28	1
n-Heptane	0.41	J	0.82	0.23	ug/m3			11/27/24 23:28	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			11/27/24 23:28	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			11/27/24 23:28	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			11/27/24 23:28	1
1,4-Dioxane	18	U	18	0.30	ug/m3			11/27/24 23:28	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			11/27/24 23:28	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			11/27/24 23:28	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	6.0		2.0	0.53	ug/m3			11/27/24 23:28	1
Toluene	10		0.75	0.23	ug/m3			11/27/24 23:28	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Client Sample ID: SVE-EFF_20241126

Lab Sample ID: 200-76025-3

Date Collected: 11/26/24 13:00

Matrix: Air

Date Received: 11/27/24 10:40

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			11/27/24 23:28	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			11/27/24 23:28	1
Tetrachloroethene	2.4		1.4	0.14	ug/m3			11/27/24 23:28	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			11/27/24 23:28	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			11/27/24 23:28	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			11/27/24 23:28	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			11/27/24 23:28	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			11/27/24 23:28	1
m,p-Xylene	0.63	J	2.2	0.41	ug/m3			11/27/24 23:28	1
o-Xylene	0.87	U	0.87	0.27	ug/m3			11/27/24 23:28	1
Xylene (total)	0.61	J	3.0	0.23	ug/m3			11/27/24 23:28	1
Styrene	0.85	U	0.85	0.25	ug/m3			11/27/24 23:28	1
Bromoform	2.1	U	2.1	1.2	ug/m3			11/27/24 23:28	1
Cumene	0.21	J	0.98	0.20	ug/m3			11/27/24 23:28	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			11/27/24 23:28	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			11/27/24 23:28	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			11/27/24 23:28	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			11/27/24 23:28	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			11/27/24 23:28	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			11/27/24 23:28	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			11/27/24 23:28	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			11/27/24 23:28	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			11/27/24 23:28	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			11/27/24 23:28	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			11/27/24 23:28	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			11/27/24 23:28	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			11/27/24 23:28	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			11/27/24 23:28	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			11/27/24 23:28	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			11/27/24 23:28	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			11/27/24 23:28	1

Client Sample ID: SVE-X_20241126

Lab Sample ID: 200-76025-4

Date Collected: 11/26/24 12:00

Matrix: Air

Date Received: 11/27/24 10:40

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.46	J	0.50	0.11	ppb v/v			11/28/24 01:11	1
Freon 22	0.50	U	0.50	0.12	ppb v/v			11/28/24 01:11	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			11/28/24 01:11	1
Chloromethane	0.21	J	0.50	0.15	ppb v/v			11/28/24 01:11	1
n-Butane	2.3		0.50	0.20	ppb v/v			11/28/24 01:11	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			11/28/24 01:11	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			11/28/24 01:11	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			11/28/24 01:11	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			11/28/24 01:11	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			11/28/24 01:11	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Client Sample ID: SVE-X_20241126

Lab Sample ID: 200-76025-4

Date Collected: 11/26/24 12:00

Matrix: Air

Date Received: 11/27/24 10:40

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.18	J	0.20	0.050	ppb v/v			11/28/24 01:11	1
Freon TF	0.20	U	0.20	0.053	ppb v/v			11/28/24 01:11	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			11/28/24 01:11	1
Acetone	6.5		5.0	1.6	ppb v/v			11/28/24 01:11	1
Isopropyl alcohol	2.5	J	5.0	1.6	ppb v/v			11/28/24 01:11	1
Carbon disulfide	1.2		0.50	0.13	ppb v/v			11/28/24 01:11	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			11/28/24 01:11	1
Methylene Chloride	1.1		0.50	0.18	ppb v/v			11/28/24 01:11	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			11/28/24 01:11	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			11/28/24 01:11	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			11/28/24 01:11	1
n-Hexane	0.21	J	0.50	0.11	ppb v/v			11/28/24 01:11	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			11/28/24 01:11	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			11/28/24 01:11	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			11/28/24 01:11	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.021	ppb v/v			11/28/24 01:11	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			11/28/24 01:11	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			11/28/24 01:11	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			11/28/24 01:11	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			11/28/24 01:11	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			11/28/24 01:11	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			11/28/24 01:11	1
Benzene	0.13	J	0.20	0.044	ppb v/v			11/28/24 01:11	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			11/28/24 01:11	1
n-Heptane	0.12	J	0.20	0.055	ppb v/v			11/28/24 01:11	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			11/28/24 01:11	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			11/28/24 01:11	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			11/28/24 01:11	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			11/28/24 01:11	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			11/28/24 01:11	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			11/28/24 01:11	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	5.3		0.50	0.13	ppb v/v			11/28/24 01:11	1
Toluene	1.6		0.20	0.062	ppb v/v			11/28/24 01:11	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			11/28/24 01:11	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			11/28/24 01:11	1
Tetrachloroethene	0.46		0.20	0.021	ppb v/v			11/28/24 01:11	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			11/28/24 01:11	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			11/28/24 01:11	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			11/28/24 01:11	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			11/28/24 01:11	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			11/28/24 01:11	1
m,p-Xylene	0.23	J	0.50	0.095	ppb v/v			11/28/24 01:11	1
o-Xylene	0.10	J	0.20	0.063	ppb v/v			11/28/24 01:11	1
Xylene (total)	0.33	J	0.70	0.052	ppb v/v			11/28/24 01:11	1
Styrene	0.20	U	0.20	0.059	ppb v/v			11/28/24 01:11	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			11/28/24 01:11	1
Cumene	0.078	J	0.20	0.041	ppb v/v			11/28/24 01:11	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			11/28/24 01:11	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Client Sample ID: SVE-X_20241126

Lab Sample ID: 200-76025-4

Date Collected: 11/26/24 12:00

Matrix: Air

Date Received: 11/27/24 10:40

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			11/28/24 01:11	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			11/28/24 01:11	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			11/28/24 01:11	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			11/28/24 01:11	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			11/28/24 01:11	1
1,2,4-Trimethylbenzene	0.090	J	0.20	0.080	ppb v/v			11/28/24 01:11	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			11/28/24 01:11	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			11/28/24 01:11	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			11/28/24 01:11	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			11/28/24 01:11	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			11/28/24 01:11	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			11/28/24 01:11	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			11/28/24 01:11	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			11/28/24 01:11	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			11/28/24 01:11	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			11/28/24 01:11	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.3	J	2.5	0.54	ug/m3			11/28/24 01:11	1
Freon 22	1.8	U	1.8	0.42	ug/m3			11/28/24 01:11	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			11/28/24 01:11	1
Chloromethane	0.44	J	1.0	0.31	ug/m3			11/28/24 01:11	1
n-Butane	5.6		1.2	0.48	ug/m3			11/28/24 01:11	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			11/28/24 01:11	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			11/28/24 01:11	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			11/28/24 01:11	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			11/28/24 01:11	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			11/28/24 01:11	1
Trichlorofluoromethane	0.99	J	1.1	0.28	ug/m3			11/28/24 01:11	1
Freon TF	1.5	U	1.5	0.41	ug/m3			11/28/24 01:11	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			11/28/24 01:11	1
Acetone	15		12	3.8	ug/m3			11/28/24 01:11	1
Isopropyl alcohol	6.1	J	12	3.9	ug/m3			11/28/24 01:11	1
Carbon disulfide	3.8		1.6	0.40	ug/m3			11/28/24 01:11	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			11/28/24 01:11	1
Methylene Chloride	3.8		1.7	0.63	ug/m3			11/28/24 01:11	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			11/28/24 01:11	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			11/28/24 01:11	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			11/28/24 01:11	1
n-Hexane	0.72	J	1.8	0.39	ug/m3			11/28/24 01:11	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			11/28/24 01:11	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			11/28/24 01:11	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			11/28/24 01:11	1
1,2-Dichloroethene, Total	1.6	U	1.6	0.083	ug/m3			11/28/24 01:11	1
Chloroform	0.98	U	0.98	0.20	ug/m3			11/28/24 01:11	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			11/28/24 01:11	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			11/28/24 01:11	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			11/28/24 01:11	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			11/28/24 01:11	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Client Sample ID: SVE-X_20241126

Lab Sample ID: 200-76025-4

Date Collected: 11/26/24 12:00

Matrix: Air

Date Received: 11/27/24 10:40

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			11/28/24 01:11	1
Benzene	0.43	J	0.64	0.14	ug/m3			11/28/24 01:11	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			11/28/24 01:11	1
n-Heptane	0.48	J	0.82	0.23	ug/m3			11/28/24 01:11	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			11/28/24 01:11	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			11/28/24 01:11	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			11/28/24 01:11	1
1,4-Dioxane	18	U	18	0.30	ug/m3			11/28/24 01:11	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			11/28/24 01:11	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			11/28/24 01:11	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	22		2.0	0.53	ug/m3			11/28/24 01:11	1
Toluene	6.0		0.75	0.23	ug/m3			11/28/24 01:11	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			11/28/24 01:11	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			11/28/24 01:11	1
Tetrachloroethene	3.1		1.4	0.14	ug/m3			11/28/24 01:11	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			11/28/24 01:11	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			11/28/24 01:11	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			11/28/24 01:11	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			11/28/24 01:11	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			11/28/24 01:11	1
m,p-Xylene	1.0	J	2.2	0.41	ug/m3			11/28/24 01:11	1
o-Xylene	0.45	J	0.87	0.27	ug/m3			11/28/24 01:11	1
Xylene (total)	1.4	J	3.0	0.23	ug/m3			11/28/24 01:11	1
Styrene	0.85	U	0.85	0.25	ug/m3			11/28/24 01:11	1
Bromoform	2.1	U	2.1	1.2	ug/m3			11/28/24 01:11	1
Cumene	0.38	J	0.98	0.20	ug/m3			11/28/24 01:11	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			11/28/24 01:11	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			11/28/24 01:11	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			11/28/24 01:11	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			11/28/24 01:11	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			11/28/24 01:11	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			11/28/24 01:11	1
1,2,4-Trimethylbenzene	0.44	J	0.98	0.39	ug/m3			11/28/24 01:11	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			11/28/24 01:11	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			11/28/24 01:11	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			11/28/24 01:11	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			11/28/24 01:11	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			11/28/24 01:11	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			11/28/24 01:11	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			11/28/24 01:11	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			11/28/24 01:11	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			11/28/24 01:11	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			11/28/24 01:11	1

Client Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Client Sample ID: TB_20241126

Lab Sample ID: 200-76025-5

Date Collected: 11/26/24 00:00

Matrix: Air

Date Received: 11/27/24 10:40

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			11/27/24 17:26	1
Freon 22	0.50	U	0.50	0.12	ppb v/v			11/27/24 17:26	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			11/27/24 17:26	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			11/27/24 17:26	1
n-Butane	0.50	U	0.50	0.20	ppb v/v			11/27/24 17:26	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			11/27/24 17:26	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			11/27/24 17:26	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			11/27/24 17:26	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			11/27/24 17:26	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			11/27/24 17:26	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			11/27/24 17:26	1
Freon TF	0.20	U	0.20	0.053	ppb v/v			11/27/24 17:26	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			11/27/24 17:26	1
Acetone	3.2	J	5.0	1.6	ppb v/v			11/27/24 17:26	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			11/27/24 17:26	1
Carbon disulfide	1.0		0.50	0.13	ppb v/v			11/27/24 17:26	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			11/27/24 17:26	1
Methylene Chloride	0.53		0.50	0.18	ppb v/v			11/27/24 17:26	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			11/27/24 17:26	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			11/27/24 17:26	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			11/27/24 17:26	1
n-Hexane	0.11	J	0.50	0.11	ppb v/v			11/27/24 17:26	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			11/27/24 17:26	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			11/27/24 17:26	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			11/27/24 17:26	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.021	ppb v/v			11/27/24 17:26	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			11/27/24 17:26	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			11/27/24 17:26	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			11/27/24 17:26	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			11/27/24 17:26	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			11/27/24 17:26	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			11/27/24 17:26	1
Benzene	0.20	U	0.20	0.044	ppb v/v			11/27/24 17:26	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			11/27/24 17:26	1
n-Heptane	0.082	J	0.20	0.055	ppb v/v			11/27/24 17:26	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			11/27/24 17:26	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			11/27/24 17:26	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			11/27/24 17:26	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			11/27/24 17:26	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			11/27/24 17:26	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			11/27/24 17:26	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.4		0.50	0.13	ppb v/v			11/27/24 17:26	1
Toluene	1.4		0.20	0.062	ppb v/v			11/27/24 17:26	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			11/27/24 17:26	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			11/27/24 17:26	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			11/27/24 17:26	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			11/27/24 17:26	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			11/27/24 17:26	1

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Client Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Client Sample ID: TB_20241126

Lab Sample ID: 200-76025-5

Date Collected: 11/26/24 00:00

Matrix: Air

Date Received: 11/27/24 10:40

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			11/27/24 17:26	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			11/27/24 17:26	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			11/27/24 17:26	1
m,p-Xylene	0.11	J	0.50	0.095	ppb v/v			11/27/24 17:26	1
o-Xylene	0.063	J	0.20	0.063	ppb v/v			11/27/24 17:26	1
Xylene (total)	0.17	J	0.70	0.052	ppb v/v			11/27/24 17:26	1
Styrene	0.20	U	0.20	0.059	ppb v/v			11/27/24 17:26	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			11/27/24 17:26	1
Cumene	0.20	U	0.20	0.041	ppb v/v			11/27/24 17:26	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			11/27/24 17:26	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			11/27/24 17:26	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			11/27/24 17:26	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			11/27/24 17:26	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			11/27/24 17:26	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			11/27/24 17:26	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			11/27/24 17:26	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			11/27/24 17:26	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			11/27/24 17:26	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			11/27/24 17:26	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			11/27/24 17:26	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			11/27/24 17:26	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			11/27/24 17:26	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			11/27/24 17:26	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			11/27/24 17:26	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			11/27/24 17:26	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			11/27/24 17:26	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			11/27/24 17:26	1
Freon 22	1.8	U	1.8	0.42	ug/m3			11/27/24 17:26	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			11/27/24 17:26	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			11/27/24 17:26	1
n-Butane	1.2	U	1.2	0.48	ug/m3			11/27/24 17:26	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			11/27/24 17:26	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			11/27/24 17:26	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			11/27/24 17:26	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			11/27/24 17:26	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			11/27/24 17:26	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			11/27/24 17:26	1
Freon TF	1.5	U	1.5	0.41	ug/m3			11/27/24 17:26	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			11/27/24 17:26	1
Acetone	7.7	J	12	3.8	ug/m3			11/27/24 17:26	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			11/27/24 17:26	1
Carbon disulfide	3.2		1.6	0.40	ug/m3			11/27/24 17:26	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			11/27/24 17:26	1
Methylene Chloride	1.8		1.7	0.63	ug/m3			11/27/24 17:26	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			11/27/24 17:26	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			11/27/24 17:26	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			11/27/24 17:26	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Client Sample ID: TB_20241126

Lab Sample ID: 200-76025-5

Date Collected: 11/26/24 00:00

Matrix: Air

Date Received: 11/27/24 10:40

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Hexane	0.38	J	1.8	0.39	ug/m3			11/27/24 17:26	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			11/27/24 17:26	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			11/27/24 17:26	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			11/27/24 17:26	1
1,2-Dichloroethene, Total	1.6	U	1.6	0.083	ug/m3			11/27/24 17:26	1
Chloroform	0.98	U	0.98	0.20	ug/m3			11/27/24 17:26	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			11/27/24 17:26	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			11/27/24 17:26	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			11/27/24 17:26	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			11/27/24 17:26	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			11/27/24 17:26	1
Benzene	0.64	U	0.64	0.14	ug/m3			11/27/24 17:26	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			11/27/24 17:26	1
n-Heptane	0.34	J	0.82	0.23	ug/m3			11/27/24 17:26	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			11/27/24 17:26	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			11/27/24 17:26	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			11/27/24 17:26	1
1,4-Dioxane	18	U	18	0.30	ug/m3			11/27/24 17:26	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			11/27/24 17:26	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			11/27/24 17:26	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	5.6		2.0	0.53	ug/m3			11/27/24 17:26	1
Toluene	5.2		0.75	0.23	ug/m3			11/27/24 17:26	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			11/27/24 17:26	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			11/27/24 17:26	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			11/27/24 17:26	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			11/27/24 17:26	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			11/27/24 17:26	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			11/27/24 17:26	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			11/27/24 17:26	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			11/27/24 17:26	1
m,p-Xylene	0.50	J	2.2	0.41	ug/m3			11/27/24 17:26	1
o-Xylene	0.27	J	0.87	0.27	ug/m3			11/27/24 17:26	1
Xylene (total)	0.75	J	3.0	0.23	ug/m3			11/27/24 17:26	1
Styrene	0.85	U	0.85	0.25	ug/m3			11/27/24 17:26	1
Bromoform	2.1	U	2.1	1.2	ug/m3			11/27/24 17:26	1
Cumene	0.98	U	0.98	0.20	ug/m3			11/27/24 17:26	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			11/27/24 17:26	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			11/27/24 17:26	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			11/27/24 17:26	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			11/27/24 17:26	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			11/27/24 17:26	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			11/27/24 17:26	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			11/27/24 17:26	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			11/27/24 17:26	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			11/27/24 17:26	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			11/27/24 17:26	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			11/27/24 17:26	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			11/27/24 17:26	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc

Job ID: 200-76025-1

Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Client Sample ID: TB_20241126

Lab Sample ID: 200-76025-5

Date Collected: 11/26/24 00:00

Matrix: Air

Date Received: 11/27/24 10:40

Sample Container: Tedlar Bag 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			11/27/24 17:26	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			11/27/24 17:26	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			11/27/24 17:26	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			11/27/24 17:26	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			11/27/24 17:26	1

Default Detection Limits

Client: AKRF Inc

Job ID: 200-76025-1

Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	RL	MDL	Units
1,1,1-Trichloroethane	0.20	0.044	ppb v/v
1,1,1-Trichloroethane	1.1	0.24	ug/m3
1,1,2,2-Tetrachloroethane	0.20	0.043	ppb v/v
1,1,2,2-Tetrachloroethane	1.4	0.30	ug/m3
1,1,2-Trichloroethane	0.20	0.074	ppb v/v
1,1,2-Trichloroethane	1.1	0.40	ug/m3
1,1-Dichloroethane	0.20	0.025	ppb v/v
1,1-Dichloroethane	0.81	0.10	ug/m3
1,1-Dichloroethene	0.035	0.026	ppb v/v
1,1-Dichloroethene	0.14	0.10	ug/m3
1,2,4-Trichlorobenzene	0.50	0.33	ppb v/v
1,2,4-Trichlorobenzene	3.7	2.4	ug/m3
1,2,4-Trimethylbenzene	0.20	0.080	ppb v/v
1,2,4-Trimethylbenzene	0.98	0.39	ug/m3
1,2-Dibromoethane	0.20	0.042	ppb v/v
1,2-Dibromoethane	1.5	0.32	ug/m3
1,2-Dichlorobenzene	0.20	0.066	ppb v/v
1,2-Dichlorobenzene	1.2	0.40	ug/m3
1,2-Dichloroethane	0.20	0.093	ppb v/v
1,2-Dichloroethane	0.81	0.38	ug/m3
1,2-Dichloroethene, Total	0.40	0.021	ppb v/v
1,2-Dichloroethene, Total	1.6	0.083	ug/m3
1,2-Dichloropropane	0.20	0.094	ppb v/v
1,2-Dichloropropane	0.92	0.43	ug/m3
1,2-Dichlorotetrafluoroethane	0.20	0.048	ppb v/v
1,2-Dichlorotetrafluoroethane	1.4	0.34	ug/m3
1,3,5-Trimethylbenzene	0.20	0.047	ppb v/v
1,3,5-Trimethylbenzene	0.98	0.23	ug/m3
1,3-Butadiene	0.20	0.039	ppb v/v
1,3-Butadiene	0.44	0.086	ug/m3
1,3-Dichlorobenzene	0.20	0.074	ppb v/v
1,3-Dichlorobenzene	1.2	0.44	ug/m3
1,4-Dichlorobenzene	0.20	0.089	ppb v/v
1,4-Dichlorobenzene	1.2	0.54	ug/m3
1,4-Dioxane	5.0	0.082	ppb v/v
1,4-Dioxane	18	0.30	ug/m3
2,2,4-Trimethylpentane	0.20	0.038	ppb v/v
2,2,4-Trimethylpentane	0.93	0.18	ug/m3
2-Chlorotoluene	0.20	0.046	ppb v/v
2-Chlorotoluene	1.0	0.24	ug/m3
3-Chloropropene	0.50	0.12	ppb v/v
3-Chloropropene	1.6	0.38	ug/m3
4-Ethyltoluene	0.20	0.049	ppb v/v
4-Ethyltoluene	0.98	0.24	ug/m3
4-Isopropyltoluene	0.20	0.061	ppb v/v
4-Isopropyltoluene	1.1	0.33	ug/m3
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	0.13	ppb v/v
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	0.53	ug/m3
Acetone	5.0	1.6	ppb v/v
Acetone	12	3.8	ug/m3
Benzene	0.20	0.044	ppb v/v
Benzene	0.64	0.14	ug/m3
Benzyl chloride	0.20	0.088	ppb v/v

Eurofins Burlington

Default Detection Limits

Client: AKRF Inc

Job ID: 200-76025-1

Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	RL	MDL	Units
Benzyl chloride	1.0	0.46	ug/m3
Bromodichloromethane	0.20	0.050	ppb v/v
Bromodichloromethane	1.3	0.34	ug/m3
Bromoethene(Vinyl Bromide)	0.20	0.050	ppb v/v
Bromoethene(Vinyl Bromide)	0.87	0.22	ug/m3
Bromoform	0.20	0.12	ppb v/v
Bromoform	2.1	1.2	ug/m3
Bromomethane	0.20	0.071	ppb v/v
Bromomethane	0.78	0.28	ug/m3
Carbon disulfide	0.50	0.13	ppb v/v
Carbon disulfide	1.6	0.40	ug/m3
Carbon tetrachloride	0.035	0.022	ppb v/v
Carbon tetrachloride	0.22	0.14	ug/m3
Chlorobenzene	0.20	0.044	ppb v/v
Chlorobenzene	0.92	0.20	ug/m3
Chloroethane	0.50	0.18	ppb v/v
Chloroethane	1.3	0.47	ug/m3
Chloroform	0.20	0.041	ppb v/v
Chloroform	0.98	0.20	ug/m3
Chloromethane	0.50	0.15	ppb v/v
Chloromethane	1.0	0.31	ug/m3
cis-1,2-Dichloroethene	0.050	0.021	ppb v/v
cis-1,2-Dichloroethene	0.20	0.083	ug/m3
cis-1,3-Dichloropropene	0.20	0.045	ppb v/v
cis-1,3-Dichloropropene	0.91	0.20	ug/m3
Cumene	0.20	0.041	ppb v/v
Cumene	0.98	0.20	ug/m3
Cyclohexane	0.20	0.058	ppb v/v
Cyclohexane	0.69	0.20	ug/m3
Dibromochloromethane	0.20	0.063	ppb v/v
Dibromochloromethane	1.7	0.54	ug/m3
Dichlorodifluoromethane	0.50	0.11	ppb v/v
Dichlorodifluoromethane	2.5	0.54	ug/m3
Ethylbenzene	0.20	0.069	ppb v/v
Ethylbenzene	0.87	0.30	ug/m3
Freon 22	0.50	0.12	ppb v/v
Freon 22	1.8	0.42	ug/m3
Freon TF	0.20	0.053	ppb v/v
Freon TF	1.5	0.41	ug/m3
Hexachlorobutadiene	0.20	0.11	ppb v/v
Hexachlorobutadiene	2.1	1.2	ug/m3
Isopropyl alcohol	5.0	1.6	ppb v/v
Isopropyl alcohol	12	3.9	ug/m3
m,p-Xylene	0.50	0.095	ppb v/v
m,p-Xylene	2.2	0.41	ug/m3
Methyl Butyl Ketone (2-Hexanone)	0.50	0.15	ppb v/v
Methyl Butyl Ketone (2-Hexanone)	2.0	0.61	ug/m3
Methyl Ethyl Ketone (2-Butanone)	0.50	0.49	ppb v/v
Methyl Ethyl Ketone (2-Butanone)	1.5	1.4	ug/m3
Methyl methacrylate	0.50	0.14	ppb v/v
Methyl methacrylate	2.0	0.57	ug/m3
Methyl tert-butyl ether	0.20	0.036	ppb v/v
Methyl tert-butyl ether	0.72	0.13	ug/m3

Eurofins Burlington

Default Detection Limits

Client: AKRF Inc

Job ID: 200-76025-1

Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	RL	MDL	Units
Methylene Chloride	0.50	0.18	ppb v/v
Methylene Chloride	1.7	0.63	ug/m3
Naphthalene	0.50	0.30	ppb v/v
Naphthalene	2.6	1.6	ug/m3
n-Butane	0.50	0.20	ppb v/v
n-Butane	1.2	0.48	ug/m3
n-Butylbenzene	0.20	0.11	ppb v/v
n-Butylbenzene	1.1	0.60	ug/m3
n-Heptane	0.20	0.055	ppb v/v
n-Heptane	0.82	0.23	ug/m3
n-Hexane	0.50	0.11	ppb v/v
n-Hexane	1.8	0.39	ug/m3
n-Propylbenzene	0.20	0.047	ppb v/v
n-Propylbenzene	0.98	0.23	ug/m3
o-Xylene	0.20	0.063	ppb v/v
o-Xylene	0.87	0.27	ug/m3
sec-Butylbenzene	0.20	0.045	ppb v/v
sec-Butylbenzene	1.1	0.25	ug/m3
Styrene	0.20	0.059	ppb v/v
Styrene	0.85	0.25	ug/m3
tert-Butyl alcohol	5.0	1.2	ppb v/v
tert-Butyl alcohol	15	3.6	ug/m3
tert-Butylbenzene	0.20	0.047	ppb v/v
tert-Butylbenzene	1.1	0.26	ug/m3
Tetrachloroethene	0.20	0.021	ppb v/v
Tetrachloroethene	1.4	0.14	ug/m3
Tetrahydrofuran	5.0	1.3	ppb v/v
Tetrahydrofuran	15	3.8	ug/m3
Toluene	0.20	0.062	ppb v/v
Toluene	0.75	0.23	ug/m3
trans-1,2-Dichloroethene	0.20	0.023	ppb v/v
trans-1,2-Dichloroethene	0.79	0.091	ug/m3
trans-1,3-Dichloropropene	0.20	0.054	ppb v/v
trans-1,3-Dichloropropene	0.91	0.25	ug/m3
Trichloroethene	0.035	0.025	ppb v/v
Trichloroethene	0.19	0.13	ug/m3
Trichlorofluoromethane	0.20	0.050	ppb v/v
Trichlorofluoromethane	1.1	0.28	ug/m3
Vinyl chloride	0.078	0.021	ppb v/v
Vinyl chloride	0.20	0.054	ug/m3
Xylene (total)	0.70	0.052	ppb v/v
Xylene (total)	3.0	0.23	ug/m3

QC Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-211470/5

Matrix: Air

Analysis Batch: 211470

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			11/27/24 10:33	1
Freon 22	0.50	U	0.50	0.12	ppb v/v			11/27/24 10:33	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			11/27/24 10:33	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			11/27/24 10:33	1
n-Butane	0.50	U	0.50	0.20	ppb v/v			11/27/24 10:33	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			11/27/24 10:33	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			11/27/24 10:33	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			11/27/24 10:33	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			11/27/24 10:33	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			11/27/24 10:33	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			11/27/24 10:33	1
Freon TF	0.20	U	0.20	0.053	ppb v/v			11/27/24 10:33	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			11/27/24 10:33	1
Acetone	5.0	U	5.0	1.6	ppb v/v			11/27/24 10:33	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			11/27/24 10:33	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			11/27/24 10:33	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			11/27/24 10:33	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			11/27/24 10:33	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			11/27/24 10:33	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			11/27/24 10:33	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			11/27/24 10:33	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			11/27/24 10:33	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			11/27/24 10:33	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			11/27/24 10:33	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			11/27/24 10:33	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.021	ppb v/v			11/27/24 10:33	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			11/27/24 10:33	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			11/27/24 10:33	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			11/27/24 10:33	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			11/27/24 10:33	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			11/27/24 10:33	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			11/27/24 10:33	1
Benzene	0.20	U	0.20	0.044	ppb v/v			11/27/24 10:33	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			11/27/24 10:33	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			11/27/24 10:33	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			11/27/24 10:33	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			11/27/24 10:33	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			11/27/24 10:33	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			11/27/24 10:33	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			11/27/24 10:33	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			11/27/24 10:33	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			11/27/24 10:33	1
Toluene	0.20	U	0.20	0.062	ppb v/v			11/27/24 10:33	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			11/27/24 10:33	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			11/27/24 10:33	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			11/27/24 10:33	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			11/27/24 10:33	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			11/27/24 10:33	1

Eurofins Burlington

QC Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-211470/5

Matrix: Air

Analysis Batch: 211470

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			11/27/24 10:33	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			11/27/24 10:33	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			11/27/24 10:33	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			11/27/24 10:33	1
o-Xylene	0.20	U	0.20	0.063	ppb v/v			11/27/24 10:33	1
Xylene (total)	0.70	U	0.70	0.052	ppb v/v			11/27/24 10:33	1
Styrene	0.20	U	0.20	0.059	ppb v/v			11/27/24 10:33	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			11/27/24 10:33	1
Cumene	0.20	U	0.20	0.041	ppb v/v			11/27/24 10:33	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			11/27/24 10:33	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			11/27/24 10:33	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			11/27/24 10:33	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			11/27/24 10:33	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			11/27/24 10:33	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			11/27/24 10:33	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			11/27/24 10:33	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			11/27/24 10:33	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			11/27/24 10:33	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			11/27/24 10:33	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			11/27/24 10:33	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			11/27/24 10:33	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			11/27/24 10:33	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			11/27/24 10:33	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			11/27/24 10:33	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			11/27/24 10:33	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			11/27/24 10:33	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			11/27/24 10:33	1
Freon 22	1.8	U	1.8	0.42	ug/m3			11/27/24 10:33	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			11/27/24 10:33	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			11/27/24 10:33	1
n-Butane	1.2	U	1.2	0.48	ug/m3			11/27/24 10:33	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			11/27/24 10:33	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			11/27/24 10:33	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			11/27/24 10:33	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			11/27/24 10:33	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			11/27/24 10:33	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			11/27/24 10:33	1
Freon TF	1.5	U	1.5	0.41	ug/m3			11/27/24 10:33	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			11/27/24 10:33	1
Acetone	12	U	12	3.8	ug/m3			11/27/24 10:33	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			11/27/24 10:33	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			11/27/24 10:33	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			11/27/24 10:33	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			11/27/24 10:33	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			11/27/24 10:33	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			11/27/24 10:33	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			11/27/24 10:33	1

Eurofins Burlington

QC Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-211470/5

Matrix: Air

Analysis Batch: 211470

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			11/27/24 10:33	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			11/27/24 10:33	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			11/27/24 10:33	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			11/27/24 10:33	1
1,2-Dichloroethene, Total	1.6	U	1.6	0.083	ug/m3			11/27/24 10:33	1
Chloroform	0.98	U	0.98	0.20	ug/m3			11/27/24 10:33	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			11/27/24 10:33	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			11/27/24 10:33	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			11/27/24 10:33	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			11/27/24 10:33	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			11/27/24 10:33	1
Benzene	0.64	U	0.64	0.14	ug/m3			11/27/24 10:33	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			11/27/24 10:33	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			11/27/24 10:33	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			11/27/24 10:33	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			11/27/24 10:33	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			11/27/24 10:33	1
1,4-Dioxane	18	U	18	0.30	ug/m3			11/27/24 10:33	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			11/27/24 10:33	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			11/27/24 10:33	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			11/27/24 10:33	1
Toluene	0.75	U	0.75	0.23	ug/m3			11/27/24 10:33	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			11/27/24 10:33	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			11/27/24 10:33	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			11/27/24 10:33	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			11/27/24 10:33	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			11/27/24 10:33	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			11/27/24 10:33	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			11/27/24 10:33	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			11/27/24 10:33	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			11/27/24 10:33	1
o-Xylene	0.87	U	0.87	0.27	ug/m3			11/27/24 10:33	1
Xylene (total)	3.0	U	3.0	0.23	ug/m3			11/27/24 10:33	1
Styrene	0.85	U	0.85	0.25	ug/m3			11/27/24 10:33	1
Bromoform	2.1	U	2.1	1.2	ug/m3			11/27/24 10:33	1
Cumene	0.98	U	0.98	0.20	ug/m3			11/27/24 10:33	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			11/27/24 10:33	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			11/27/24 10:33	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			11/27/24 10:33	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			11/27/24 10:33	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			11/27/24 10:33	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			11/27/24 10:33	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			11/27/24 10:33	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			11/27/24 10:33	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			11/27/24 10:33	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			11/27/24 10:33	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			11/27/24 10:33	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			11/27/24 10:33	1

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QC Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-211470/5

Matrix: Air

Analysis Batch: 211470

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			11/27/24 10:33	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			11/27/24 10:33	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			11/27/24 10:33	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			11/27/24 10:33	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			11/27/24 10:33	1

Lab Sample ID: LCS 200-211470/3

Matrix: Air

Analysis Batch: 211470

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10.0	9.97		ppb v/v		100	61 - 142
Freon 22	10.0	11.2		ppb v/v		112	60 - 147
1,2-Dichlorotetrafluoroethane	10.0	9.57		ppb v/v		96	71 - 141
Chloromethane	10.0	11.1		ppb v/v		111	56 - 141
n-Butane	10.0	11.0		ppb v/v		110	53 - 151
Vinyl chloride	10.0	8.62		ppb v/v		86	61 - 135
1,3-Butadiene	10.0	8.87		ppb v/v		89	58 - 139
Bromomethane	10.0	8.61		ppb v/v		86	72 - 124
Chloroethane	10.0	9.51		ppb v/v		95	68 - 130
Bromoethene(Vinyl Bromide)	10.0	8.28		ppb v/v		83	75 - 125
Trichlorofluoromethane	10.0	8.89		ppb v/v		89	70 - 129
Freon TF	10.0	8.55		ppb v/v		85	70 - 121
1,1-Dichloroethene	10.0	7.88		ppb v/v		79	68 - 120
Acetone	10.0	11.7		ppb v/v		117	54 - 154
Isopropyl alcohol	10.0	13.1		ppb v/v		131	53 - 142
Carbon disulfide	10.0	9.33		ppb v/v		93	71 - 138
3-Chloropropene	10.0	10.7		ppb v/v		107	50 - 150
Methylene Chloride	10.0	10.7		ppb v/v		107	59 - 137
tert-Butyl alcohol	10.0	10.5		ppb v/v		105	66 - 132
Methyl tert-butyl ether	10.0	9.48		ppb v/v		95	70 - 127
trans-1,2-Dichloroethene	10.0	9.46		ppb v/v		95	69 - 137
n-Hexane	10.0	9.78		ppb v/v		98	63 - 138
1,1-Dichloroethane	10.0	9.51		ppb v/v		95	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10.0	9.48		ppb v/v		95	72 - 124
cis-1,2-Dichloroethene	10.0	8.32		ppb v/v		83	72 - 121
Chloroform	10.0	9.30		ppb v/v		93	73 - 124
Tetrahydrofuran	10.0	11.3		ppb v/v		113	60 - 149
1,1,1-Trichloroethane	10.0	9.04		ppb v/v		90	72 - 127
Cyclohexane	10.0	8.82		ppb v/v		88	76 - 124
Carbon tetrachloride	10.0	8.46		ppb v/v		85	71 - 133
2,2,4-Trimethylpentane	10.0	9.85		ppb v/v		98	68 - 131
Benzene	10.0	8.99		ppb v/v		90	73 - 119
1,2-Dichloroethane	10.0	10.0		ppb v/v		100	68 - 135
n-Heptane	10.0	10.5		ppb v/v		105	60 - 142
Trichloroethene	10.0	8.47		ppb v/v		85	73 - 122
Methyl methacrylate	10.0	9.51		ppb v/v		95	73 - 129
1,2-Dichloropropane	10.0	9.60		ppb v/v		96	69 - 128

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QC Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-211470/3

Matrix: Air

Analysis Batch: 211470

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	10.0	9.06		ppb v/v		91	66 - 129
Bromodichloromethane	10.0	9.30		ppb v/v		93	75 - 127
cis-1,3-Dichloropropene	10.0	9.32		ppb v/v		93	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10.0	11.1		ppb v/v		111	58 - 144
Toluene	10.0	8.61		ppb v/v		86	75 - 122
trans-1,3-Dichloropropene	10.0	9.42		ppb v/v		94	74 - 128
1,1,2-Trichloroethane	10.0	8.99		ppb v/v		90	75 - 126
Tetrachloroethene	10.0	7.43		ppb v/v		74	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10.0	10.9		ppb v/v		109	57 - 143
Dibromochloromethane	10.0	8.32		ppb v/v		83	73 - 125
1,2-Dibromoethane	10.0	8.53		ppb v/v		85	78 - 122
Chlorobenzene	10.0	8.31		ppb v/v		83	76 - 119
Ethylbenzene	10.0	8.93		ppb v/v		89	74 - 122
m,p-Xylene	20.0	17.0		ppb v/v		85	76 - 121
o-Xylene	10.0	8.49		ppb v/v		85	73 - 123
Styrene	10.0	8.53		ppb v/v		85	74 - 125
Bromoform	10.0	7.95		ppb v/v		80	53 - 149
Cumene	10.0	8.72		ppb v/v		87	73 - 123
1,1,2,2-Tetrachloroethane	10.0	9.10		ppb v/v		91	74 - 126
n-Propylbenzene	10.0	9.18		ppb v/v		92	73 - 127
4-Ethyltoluene	10.0	8.89		ppb v/v		89	75 - 129
1,3,5-Trimethylbenzene	10.0	8.84		ppb v/v		88	72 - 126
2-Chlorotoluene	10.0	9.11		ppb v/v		91	74 - 126
tert-Butylbenzene	10.0	8.72		ppb v/v		87	71 - 125
1,2,4-Trimethylbenzene	10.0	8.99		ppb v/v		90	71 - 129
sec-Butylbenzene	10.0	9.19		ppb v/v		92	70 - 128
4-Isopropyltoluene	10.0	8.84		ppb v/v		88	68 - 130
1,3-Dichlorobenzene	10.0	8.31		ppb v/v		83	69 - 131
1,4-Dichlorobenzene	10.0	8.41		ppb v/v		84	67 - 132
Benzyl chloride	10.0	9.40		ppb v/v		94	60 - 136
n-Butylbenzene	10.0	9.64		ppb v/v		96	65 - 137
1,2-Dichlorobenzene	10.0	8.39		ppb v/v		84	68 - 129
1,2,4-Trichlorobenzene	10.0	10.3		ppb v/v		103	50 - 150
Hexachlorobutadiene	10.0	8.68		ppb v/v		87	58 - 130
Naphthalene	10.0	12.4		ppb v/v		124	50 - 150
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49	49.3		ug/m3		100	61 - 142
Freon 22	35	39.7		ug/m3		112	60 - 147
1,2-Dichlorotetrafluoroethane	70	66.9		ug/m3		96	71 - 141
Chloromethane	21	23.0		ug/m3		111	56 - 141
n-Butane	24	26.1		ug/m3		110	53 - 151
Vinyl chloride	26	22.0		ug/m3		86	61 - 135
1,3-Butadiene	22	19.6		ug/m3		89	58 - 139
Bromomethane	39	33.5		ug/m3		86	72 - 124
Chloroethane	26	25.1		ug/m3		95	68 - 130
Bromoethene(Vinyl Bromide)	44	36.2		ug/m3		83	75 - 125

Eurofins Burlington

QC Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-211470/3

Matrix: Air

Analysis Batch: 211470

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Trichlorofluoromethane	56	49.9		ug/m3		89	70 - 129
Freon TF	77	65.5		ug/m3		85	70 - 121
1,1-Dichloroethene	40	31.3		ug/m3		79	68 - 120
Acetone	24	27.7		ug/m3		117	54 - 154
Isopropyl alcohol	25	32.2		ug/m3		131	53 - 142
Carbon disulfide	31	29.0		ug/m3		93	71 - 138
3-Chloropropene	31	33.6		ug/m3		107	50 - 150
Methylene Chloride	35	37.0		ug/m3		107	59 - 137
tert-Butyl alcohol	30	31.8		ug/m3		105	66 - 132
Methyl tert-butyl ether	36	34.2		ug/m3		95	70 - 127
trans-1,2-Dichloroethene	40	37.5		ug/m3		95	69 - 137
n-Hexane	35	34.5		ug/m3		98	63 - 138
1,1-Dichloroethane	40	38.5		ug/m3		95	66 - 130
Methyl Ethyl Ketone (2-Butanone)	29	27.9		ug/m3		95	72 - 124
cis-1,2-Dichloroethene	40	33.0		ug/m3		83	72 - 121
Chloroform	49	45.4		ug/m3		93	73 - 124
Tetrahydrofuran	29	33.4		ug/m3		113	60 - 149
1,1,1-Trichloroethane	55	49.3		ug/m3		90	72 - 127
Cyclohexane	34	30.4		ug/m3		88	76 - 124
Carbon tetrachloride	63	53.3		ug/m3		85	71 - 133
2,2,4-Trimethylpentane	47	46.0		ug/m3		98	68 - 131
Benzene	32	28.7		ug/m3		90	73 - 119
1,2-Dichloroethane	40	40.5		ug/m3		100	68 - 135
n-Heptane	41	42.9		ug/m3		105	60 - 142
Trichloroethene	54	45.5		ug/m3		85	73 - 122
Methyl methacrylate	41	38.9		ug/m3		95	73 - 129
1,2-Dichloropropane	46	44.4		ug/m3		96	69 - 128
1,4-Dioxane	36	32.7		ug/m3		91	66 - 129
Bromodichloromethane	67	62.3		ug/m3		93	75 - 127
cis-1,3-Dichloropropene	45	42.3		ug/m3		93	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41	45.3		ug/m3		111	58 - 144
Toluene	38	32.4		ug/m3		86	75 - 122
trans-1,3-Dichloropropene	45	42.8		ug/m3		94	74 - 128
1,1,2-Trichloroethane	55	49.0		ug/m3		90	75 - 126
Tetrachloroethene	68	50.4		ug/m3		74	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41	44.7		ug/m3		109	57 - 143
Dibromochloromethane	85	70.9		ug/m3		83	73 - 125
1,2-Dibromoethane	77	65.6		ug/m3		85	78 - 122
Chlorobenzene	46	38.3		ug/m3		83	76 - 119
Ethylbenzene	43	38.8		ug/m3		89	74 - 122
m,p-Xylene	87	73.7		ug/m3		85	76 - 121
o-Xylene	43	36.9		ug/m3		85	73 - 123
Styrene	43	36.3		ug/m3		85	74 - 125
Bromoform	100	82.2		ug/m3		80	53 - 149
Cumene	49	42.9		ug/m3		87	73 - 123
1,1,2,2-Tetrachloroethane	69	62.4		ug/m3		91	74 - 126

Eurofins Burlington

QC Sample Results

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-211470/3

Matrix: Air

Analysis Batch: 211470

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
n-Propylbenzene	49	45.1		ug/m3		92	73 - 127
4-Ethyltoluene	49	43.7		ug/m3		89	75 - 129
1,3,5-Trimethylbenzene	49	43.5		ug/m3		88	72 - 126
2-Chlorotoluene	52	47.2		ug/m3		91	74 - 126
tert-Butylbenzene	55	47.9		ug/m3		87	71 - 125
1,2,4-Trimethylbenzene	49	44.2		ug/m3		90	71 - 129
sec-Butylbenzene	55	50.4		ug/m3		92	70 - 128
4-Isopropyltoluene	55	48.5		ug/m3		88	68 - 130
1,3-Dichlorobenzene	60	50.0		ug/m3		83	69 - 131
1,4-Dichlorobenzene	60	50.6		ug/m3		84	67 - 132
Benzyl chloride	52	48.6		ug/m3		94	60 - 136
n-Butylbenzene	55	52.9		ug/m3		96	65 - 137
1,2-Dichlorobenzene	60	50.4		ug/m3		84	68 - 129
1,2,4-Trichlorobenzene	74	76.7		ug/m3		103	50 - 150
Hexachlorobutadiene	110	92.6		ug/m3		87	58 - 130
Naphthalene	52	65.1		ug/m3		124	50 - 150

QC Association Summary

Client: AKRF Inc

Job ID: 200-76025-1

Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Air - GC/MS VOA

Analysis Batch: 211470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-76025-1	SVE-INF_20241126	Total/NA	Air	TO-15	
200-76025-2	SVE-INT_20241126	Total/NA	Air	TO-15	
200-76025-3	SVE-EFF_20241126	Total/NA	Air	TO-15	
200-76025-4	SVE-X_20241126	Total/NA	Air	TO-15	
200-76025-5	TB_20241126	Total/NA	Air	TO-15	
MB 200-211470/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-211470/3	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Client Sample ID: SVE-INF_20241126

Lab Sample ID: 200-76025-1

Date Collected: 11/26/24 12:30

Matrix: Air

Date Received: 11/27/24 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		40	211470	K1P	EET BUR	11/27/24 19:09

Client Sample ID: SVE-INT_20241126

Lab Sample ID: 200-76025-2

Date Collected: 11/26/24 12:45

Matrix: Air

Date Received: 11/27/24 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	211470	K1P	EET BUR	11/27/24 21:45

Client Sample ID: SVE-EFF_20241126

Lab Sample ID: 200-76025-3

Date Collected: 11/26/24 13:00

Matrix: Air

Date Received: 11/27/24 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	211470	K1P	EET BUR	11/27/24 23:28

Client Sample ID: SVE-X_20241126

Lab Sample ID: 200-76025-4

Date Collected: 11/26/24 12:00

Matrix: Air

Date Received: 11/27/24 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	211470	K1P	EET BUR	11/28/24 01:11

Client Sample ID: TB_20241126

Lab Sample ID: 200-76025-5

Date Collected: 11/26/24 00:00

Matrix: Air

Date Received: 11/27/24 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	211470	K1P	EET BUR	11/27/24 17:26

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: AKRF Inc

Job ID: 200-76025-1

Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Laboratory: Eurofins Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	VT972	06-30-25

The following analytes are included in this report, but the laboratory is not certified by New Jersey NELAP VT972. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	1,2-Dichloroethene, Total
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Freon 22
TO-15		Air	n-Butane
TO-15		Air	n-Butylbenzene
TO-15		Air	n-Propylbenzene
TO-15		Air	sec-Butylbenzene
TO-15		Air	tert-Butylbenzene

Method Summary

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	EET BUR

Protocol References:
EPA = US Environmental Protection Agency

Laboratory References:
EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: AKRF Inc
Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

Job ID: 200-76025-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-76025-1	SVE-INF_20241126	Air	11/26/24 12:30	11/27/24 10:40
200-76025-2	SVE-INT_20241126	Air	11/26/24 12:45	11/27/24 10:40
200-76025-3	SVE-EFF_20241126	Air	11/26/24 13:00	11/27/24 10:40
200-76025-4	SVE-X_20241126	Air	11/26/24 12:00	11/27/24 10:40
200-76025-5	TB_20241126	Air	11/26/24 00:00	11/27/24 10:40

Quantitation Limit Exceptions Summary

Client: AKRF Inc

Job ID: 200-76025-1

Project/Site: 975 Nostrand Avenue, Brooklyn (Air)

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	1,1-Dichloroethene	Air	Total/NA	ppb v/v	0.035	0.20
TO-15	Carbon tetrachloride	Air	Total/NA	ppb v/v	0.035	0.20
TO-15	cis-1,2-Dichloroethene	Air	Total/NA	ppb v/v	0.050	0.20
TO-15	Trichloroethene	Air	Total/NA	ppb v/v	0.035	0.20
TO-15	Vinyl chloride	Air	Total/NA	ppb v/v	0.078	0.20

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Instrument ID: CHAN.i Analysis Batch Number: 211118Lab Sample ID: IC 200-211118/4 Client Sample ID: _____Date Analyzed: 11/17/24 15:08 Lab File ID: 63017_004.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3-Butadiene	5.35	Baseline	BKZ7	11/18/24 06:54

Lab Sample ID: IC 200-211118/5 Client Sample ID: _____Date Analyzed: 11/17/24 16:00 Lab File ID: 63017_005.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	5.24	Baseline	BKZ7	11/18/24 06:12
1,3-Butadiene	5.35	Baseline	BKZ7	11/18/24 06:12

Lab Sample ID: IC 200-211118/6 Client Sample ID: _____Date Analyzed: 11/17/24 16:52 Lab File ID: 63017_006.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butane	5.24	Baseline	BKZ7	11/18/24 06:13
1,3-Butadiene	5.34	Baseline	BKZ7	11/18/24 06:14

Lab Sample ID: IC 200-211118/10 Client Sample ID: _____Date Analyzed: 11/17/24 20:18 Lab File ID: 63017_010.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3,5-Trimethylbenzene	21.85	Baseline	BKZ7	11/18/24 06:27

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Instrument ID: CHAN.i Analysis Batch Number: 211118
 Lab Sample ID: ICV 200-211118/21 Client Sample ID: _____
 Date Analyzed: 11/18/24 08:32 Lab File ID: 63017_021.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromochloromethane	11.56	Baseline	BKZ7	11/18/24 09:06

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins BurlingtonJob No.: 200-76025-1

SDG No.: _____

Instrument ID: CHAN.iAnalysis Batch Number: 211470Lab Sample ID: MB 200-211470/5

Client Sample ID: _____

Date Analyzed: 11/27/24 10:33Lab File ID: 63156_005.DGC Column: RTX-624ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene		Invalid Compound ID	BKZ7	11/27/24 12:25

Lab Sample ID: 200-76025-5Client Sample ID: TB_20241126Date Analyzed: 11/27/24 17:26Lab File ID: 63156_013.DGC Column: RTX-624ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene		Invalid Compound ID	YWL8	11/28/24 07:31
1,3-Butadiene		Invalid Compound ID	YWL8	11/28/24 07:31
3-Chloropropene		Invalid Compound ID	YWL8	11/28/24 07:31
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	YWL8	11/28/24 07:32
Tetrachloroethene		Invalid Compound ID	YWL8	11/28/24 07:31

Lab Sample ID: 200-76025-1Client Sample ID: SVE-INF_20241126Date Analyzed: 11/27/24 19:09Lab File ID: 63156_015.DGC Column: RTX-624ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2-Trichloroethane		Invalid Compound ID	YWL8	11/28/24 13:10
Freon 22		Invalid Compound ID	YWL8	11/28/24 13:08
cis-1,2-Dichloroethene	11.16	Assign Peak	YWL8	11/28/24 13:08

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins BurlingtonJob No.: 200-76025-1

SDG No.: _____

Instrument ID: CHAN.iAnalysis Batch Number: 211470Lab Sample ID: 200-76025-2Client Sample ID: SVE-INT_20241126Date Analyzed: 11/27/24 21:45Lab File ID: 63156_018.DGC Column: RTX-624ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	4.94	Assign Peak	YWL8	11/28/24 13:37
1,1,2-Trichloroethane		Invalid Compound ID	YWL8	11/28/24 14:08
1,1-Dichloroethene		Invalid Compound ID	YWL8	11/28/24 13:53
1,2-Dichlorotetrafluoroethane		Assign Peak	YWL8	11/28/24 13:37
1,3-Butadiene		Invalid Compound ID	YWL8	11/28/24 13:37
3-Chloropropene		Invalid Compound ID	YWL8	11/28/24 13:53
4-Isopropyltoluene		Invalid Compound ID	YWL8	11/28/24 14:11
Benzyl chloride		Invalid Compound ID	YWL8	11/28/24 14:17
Freon 22		Invalid Compound ID	YWL8	11/28/24 13:37
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	YWL8	11/28/24 14:08
Methyl tert-butyl ether		Invalid Compound ID	YWL8	11/28/24 14:06
2,2,4-Trimethylpentane	12.89	Assign Peak	YWL8	11/28/24 14:07

Lab Sample ID: 200-76025-3Client Sample ID: SVE-EFF_20241126Date Analyzed: 11/27/24 23:28Lab File ID: 63156_020.DGC Column: RTX-624ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	4.94	Assign Peak	YWL8	11/28/24 14:40
1,2-Dichloropropane		Assign Peak	YWL8	11/28/24 15:02
1,3-Butadiene		Invalid Compound ID	YWL8	11/28/24 14:40
3-Chloropropene		Invalid Compound ID	YWL8	11/28/24 14:40
Freon 22		Invalid Compound ID	YWL8	11/28/24 14:40
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	YWL8	11/28/24 15:02
Chloroform	11.74	Assign Peak	YWL8	11/28/24 14:41
Cyclohexane	12.19	Assign Peak	YWL8	11/28/24 15:01
2,2,4-Trimethylpentane	12.90	Assign Peak	YWL8	11/28/24 15:01
1,3,5-Trimethylbenzene	21.84	Assign Peak	YWL8	11/28/24 15:02

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins BurlingtonJob No.: 200-76025-1

SDG No.: _____

Instrument ID: CHAN.iAnalysis Batch Number: 211470Lab Sample ID: 200-76025-4Client Sample ID: SVE-X_20241126Date Analyzed: 11/28/24 01:11Lab File ID: 63156_022.DGC Column: RTX-624ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichlorotetrafluoroethane	4.81	Assign Peak	YWL8	11/28/24 15:06
Chloromethane	4.93	Assign Peak	YWL8	11/28/24 15:06
1,3-Butadiene		Invalid Compound ID	YWL8	11/28/24 15:06
2-Chlorotoluene		Invalid Compound ID	YWL8	11/28/24 15:16
3-Chloropropene		Invalid Compound ID	YWL8	11/28/24 15:15
Freon 22		Invalid Compound ID	YWL8	11/28/24 15:06
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	YWL8	11/28/24 15:16
Methyl tert-butyl ether		Invalid Compound ID	YWL8	11/28/24 15:15
n-Butylbenzene		Invalid Compound ID	YWL8	11/28/24 15:17
sec-Butylbenzene		Invalid Compound ID	YWL8	11/28/24 15:16
Cyclohexane	12.20	Assign Peak	YWL8	11/28/24 15:16
Naphthalene	26.37	Assign Peak	YWL8	11/28/24 15:17

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL1w_00272	12/18/24	09/20/24	Nitrogen, Lot 12	15.463 L	ATTO15CAL6w_00238	155 mL	1,1,1-Trichloroethane	0.20044 ppb v/v
							1,1,2,2-Tetrachloroethane	0.20044 ppb v/v
							1,1,2-Trichloroethane	0.20044 ppb v/v
							1,1-Dichloroethane	0.20044 ppb v/v
							1,1-Dichloroethene	0.20044 ppb v/v
							1,2,3-Trichlorobenzene	0.233512 ppb v/v
							1,2,3-Trichloropropane	0.20044 ppb v/v
							1,2,4-Trichlorobenzene	0.235116 ppb v/v
							1,2,4-Trimethylbenzene	0.20044 ppb v/v
							1,2-Dibromoethane	0.20044 ppb v/v
							1,2-Dichlorobenzene	0.20044 ppb v/v
							1,2-Dichloroethane	0.20044 ppb v/v
							1,2-Dichloropropane	0.20044 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.20044 ppb v/v
							1,3,5-Trimethylbenzene	0.20044 ppb v/v
							1,3-Butadiene	0.20044 ppb v/v
							1,3-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dioxane	0.20044 ppb v/v
							2,2,4-Trimethylpentane	0.20044 ppb v/v
							2-Chlorotoluene	0.20044 ppb v/v
							2-Methylbutane	0.20044 ppb v/v
							3-Chloropropene	0.20044 ppb v/v
							4-Ethyltoluene	0.20044 ppb v/v
							4-Isopropyltoluene	0.20044 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76025-1

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)	0.20044 ppb v/v
							Acetone	0.20044 ppb v/v
							Acetonitrile	0.20044 ppb v/v
							Acrolein	0.234715 ppb v/v
							Acrylonitrile	0.20044 ppb v/v
							Alpha Methyl Styrene	0.20044 ppb v/v
							Benzene	0.20044 ppb v/v
							Benzyl chloride	0.20044 ppb v/v
							Bromodichloromethane	0.20044 ppb v/v
							Bromoethene (Vinyl Bromide)	0.20044 ppb v/v
							Bromoform	0.20044 ppb v/v
							Bromomethane	0.20044 ppb v/v
							Carbon disulfide	0.20044 ppb v/v
							Carbon tetrachloride	0.20044 ppb v/v
							Chlorobenzene	0.20044 ppb v/v
							Chloroethane	0.20044 ppb v/v
							Chloroform	0.20044 ppb v/v
							Chloromethane	0.20044 ppb v/v
							cis-1,2-Dichloroethene	0.20044 ppb v/v
							cis-1,3-Dichloropropene	0.20044 ppb v/v
							Cumene	0.20044 ppb v/v
							Cyclohexane	0.20044 ppb v/v
							Dibromochloromethane	0.20044 ppb v/v
							Dibromomethane	0.20044 ppb v/v
							Dichlorodifluoromethane	0.20044 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dodecane	0.20044 ppb v/v
							Ethyl acetate	0.20044 ppb v/v
							Ethyl ether	0.20044 ppb v/v
							Ethylbenzene	0.20044 ppb v/v
							Freon 22	0.20044 ppb v/v
							Freon TF	0.20044 ppb v/v
							Hexachlorobutadiene	0.225294 ppb v/v
							Isopropyl alcohol	0.23231 ppb v/v
							m,p-Xylene	0.400879 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.20044 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	0.20044 ppb v/v
							Methyl methacrylate	0.20044 ppb v/v
							Methyl tert-butyl ether	0.20044 ppb v/v
							Methylene Chloride	0.20044 ppb v/v
							n-Butane	0.20044 ppb v/v
							n-Butanol	0.20044 ppb v/v
							n-Butylbenzene	0.20044 ppb v/v
							n-Decane	0.20044 ppb v/v
							n-Heptane	0.20044 ppb v/v
							n-Hexane	0.20044 ppb v/v
							n-Nonane	0.20044 ppb v/v
							n-Octane	0.20044 ppb v/v
							n-Propylbenzene	0.20044 ppb v/v
							Naphthalene	0.238323 ppb v/v
							o-Xylene	0.20044 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentane	0.20044 ppb v/v
							Propene	0.20044 ppb v/v
							sec-Butylbenzene	0.20044 ppb v/v
							Styrene	0.20044 ppb v/v
							tert-Butyl alcohol	0.20044 ppb v/v
							tert-Butylbenzene	0.20044 ppb v/v
							Tetrachloroethene	0.20044 ppb v/v
							Tetrahydrofuran	0.20044 ppb v/v
							Toluene	0.20044 ppb v/v
							trans-1,2-Dichloroethene	0.20044 ppb v/v
							trans-1,3-Dichloropropene	0.20044 ppb v/v
							Trichloroethene	0.20044 ppb v/v
							Trichlorofluoromethane	0.20044 ppb v/v
							Undecane	0.20044 ppb v/v
							Vinyl acetate	0.228301 ppb v/v
							Vinyl chloride	0.20044 ppb v/v
							Ethanol	0.400944 ppb v/v
.ATTO15CAL6w_00238	12/18/24	09/20/24	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00188	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	23.2955 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	23.4554 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	23.4155 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene (Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Freon 22	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	22.4756 ppb v/v
							Isopropyl alcohol	23.1755 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	23.7754 ppb v/v
							o-Xylene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	22.7756 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
					ATTO15EthCALw_00174	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00188	12/18/24	09/18/24	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene (Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
...ATTO15CALs_00050	03/27/25		Linde, Lot CC-524925		(Purchased Reagent)		Vinyl chloride	200 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-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 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
							2-Methylbutane	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
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 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-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 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
							Undecane	1 ppm v/v
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
..ATTO15EthCALw_00174	12/19/24	09/19/24	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
...1gEthanol_00005	08/30/25		ChemService, Lot 12173500		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL3w_00282	12/18/24	09/20/24	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00188	386 mL	1,1,1-Trichloroethane	4.99256 ppb v/v
							1,1,2,2-Tetrachloroethane	4.99256 ppb v/v
							1,1,2-Trichloroethane	4.99256 ppb v/v
							1,1-Dichloroethane	4.99256 ppb v/v
							1,1-Dichloroethene	4.99256 ppb v/v
							1,2,3-Trichlorobenzene	5.81634 ppb v/v
							1,2,3-Trichloropropane	4.99256 ppb v/v
							1,2,4-Trichlorobenzene	5.85628 ppb v/v
							1,2,4-Trimethylbenzene	4.99256 ppb v/v
							1,2-Dibromoethane	4.99256 ppb v/v
							1,2-Dichlorobenzene	4.99256 ppb v/v
							1,2-Dichloroethane	4.99256 ppb v/v
							1,2-Dichloropropane	4.99256 ppb v/v
							1,2-Dichlorotetrafluoroethane	4.99256 ppb v/v
							1,3,5-Trimethylbenzene	4.99256 ppb v/v
							1,3-Butadiene	4.99256 ppb v/v
							1,3-Dichlorobenzene	4.99256 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	4.99256 ppb v/v
							1,4-Dioxane	4.99256 ppb v/v
							2,2,4-Trimethylpentane	4.99256 ppb v/v
							2-Chlorotoluene	4.99256 ppb v/v
							2-Methylbutane	4.99256 ppb v/v
							3-Chloropropene	4.99256 ppb v/v
							4-Ethyltoluene	4.99256 ppb v/v
							4-Isopropyltoluene	4.99256 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	4.99256 ppb v/v
							Acetone	4.99256 ppb v/v
							Acetonitrile	4.99256 ppb v/v
							Acrolein	5.84629 ppb v/v
							Acrylonitrile	4.99256 ppb v/v
							Alpha Methyl Styrene	4.99256 ppb v/v
							Benzene	4.99256 ppb v/v
							Benzyl chloride	4.99256 ppb v/v
							Bromodichloromethane	4.99256 ppb v/v
							Bromoethene (Vinyl Bromide)	4.99256 ppb v/v
							Bromoform	4.99256 ppb v/v
							Bromomethane	4.99256 ppb v/v
							Carbon disulfide	4.99256 ppb v/v
							Carbon tetrachloride	4.99256 ppb v/v
							Chlorobenzene	4.99256 ppb v/v
							Chloroethane	4.99256 ppb v/v
							Chloroform	4.99256 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloromethane	4.99256 ppb v/v
							cis-1,2-Dichloroethene	4.99256 ppb v/v
							cis-1,3-Dichloropropene	4.99256 ppb v/v
							Cumene	4.99256 ppb v/v
							Cyclohexane	4.99256 ppb v/v
							Dibromochloromethane	4.99256 ppb v/v
							Dibromomethane	4.99256 ppb v/v
							Dichlorodifluoromethane	4.99256 ppb v/v
							Dodecane	4.99256 ppb v/v
							Ethyl acetate	4.99256 ppb v/v
							Ethyl ether	4.99256 ppb v/v
							Ethylbenzene	4.99256 ppb v/v
							Freon 22	4.99256 ppb v/v
							Freon TF	4.99256 ppb v/v
							Hexachlorobutadiene	5.61164 ppb v/v
							Isopropyl alcohol	5.78638 ppb v/v
							m,p-Xylene	9.98513 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	4.99256 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	4.99256 ppb v/v
							Methyl methacrylate	4.99256 ppb v/v
							Methyl tert-butyl ether	4.99256 ppb v/v
							Methylene Chloride	4.99256 ppb v/v
							n-Butane	4.99256 ppb v/v
							n-Butanol	4.99256 ppb v/v
							n-Butylbenzene	4.99256 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	4.99256 ppb v/v
							n-Heptane	4.99256 ppb v/v
							n-Hexane	4.99256 ppb v/v
							n-Nonane	4.99256 ppb v/v
							n-Octane	4.99256 ppb v/v
							n-Propylbenzene	4.99256 ppb v/v
							Naphthalene	5.93616 ppb v/v
							o-Xylene	4.99256 ppb v/v
							Pentane	4.99256 ppb v/v
							Propene	4.99256 ppb v/v
							sec-Butylbenzene	4.99256 ppb v/v
							Styrene	4.99256 ppb v/v
							tert-Butyl alcohol	4.99256 ppb v/v
							tert-Butylbenzene	4.99256 ppb v/v
							Tetrachloroethene	4.99256 ppb v/v
							Tetrahydrofuran	4.99256 ppb v/v
							Toluene	4.99256 ppb v/v
							trans-1,2-Dichloroethene	4.99256 ppb v/v
							trans-1,3-Dichloropropene	4.99256 ppb v/v
							Trichloroethene	4.99256 ppb v/v
							Trichlorofluoromethane	4.99256 ppb v/v
							Undecane	4.99256 ppb v/v
							Vinyl acetate	5.68653 ppb v/v
							Vinyl chloride	4.99256 ppb v/v
					ATTO15EthCALw_00174	309 mL	Ethanol	9.99159 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.ATTO15CALSTKi_00188	12/18/24	09/18/24	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene (Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00050	03/27/25		Linde, Lot CC-524925		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 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
							2-Methylbutane	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
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	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
							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
							Dibromomethane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 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-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 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
							Undecane	1 ppm v/v
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00174	12/19/24	09/19/24	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25		ChemService, Lot 12173500		(Purchased Reagent)		Ethanol	1 mL/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL4w_00830	12/18/24	09/20/24	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00188	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,3-Trichlorobenzene	11.6477 ppb v/v
							1,2,3-Trichloropropane	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	11.7277 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							2-Methylbutane	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

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)	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Acetonitrile	9.99806 ppb v/v
							Acrolein	11.7077 ppb v/v
							Acrylonitrile	9.99806 ppb v/v
							Alpha Methyl Styrene	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene (Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dibromomethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dodecane	9.99806 ppb v/v
							Ethyl acetate	9.99806 ppb v/v
							Ethyl ether	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	11.2378 ppb v/v
							Isopropyl alcohol	11.5878 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butanol	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Decane	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Nonane	9.99806 ppb v/v
							n-Octane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	11.8877 ppb v/v
							o-Xylene	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentane	9.99806 ppb v/v
							Propene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Undecane	9.99806 ppb v/v
							Vinyl acetate	11.3878 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
					ATTO15EthCALw_00174	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00188	12/18/24	09/18/24	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene (Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00050	03/27/25	Linde, Lot CC-524925			(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-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							2-Methylbutane	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
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	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
							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
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 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
							Undecane	1 ppm v/v
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00174	12/19/24	09/19/24	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25		ChemService, Lot 12173500		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL4w_00830	12/18/24	09/20/24	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00188	773 mL	1,2-Dichloroethene, Total	19.9961 ppb v/v
							Xylene (total)	29.9942 ppb v/v
.ATTO15CALSTKi_00188	12/18/24	09/18/24	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,2-Dichloroethene, Total	400 ppb v/v
..ATTO15CALs_00050	03/27/25		Linde, Lot CC-524925		(Purchased Reagent)		Xylene (total)	600 ppb v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							Xylene (total)	3 ppm v/v
ATTO15CAL6w_00238	12/18/24	09/20/24	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00188	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	23.2955 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	23.4554 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	23.4155 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene (Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Freon 22	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	22.4756 ppb v/v
							Isopropyl alcohol	23.1755 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	23.7754 ppb v/v
							o-Xylene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	22.7756 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
					ATTO15EthCALw_00174	1237 mL	Ethanol	39.9987 ppb v/v
.ATTO15CALSTKi_00188	12/18/24	09/18/24	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene (Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
..ATTO15CALs_00050	03/27/25	Linde, Lot CC-524925			(Purchased Reagent)		Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 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-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 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
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	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
							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
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 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-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 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
							Undecane	1 ppm v/v
.ATTO15EthCALw_00174	12/19/24	09/19/24	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25		ChemService, Lot 12173500		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL7w_00149	12/18/24	09/20/24	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00188	3092 mL	1,1,1-Trichloroethane	39.9922 ppb v/v
							1,1,2,2-Tetrachloroethane	39.9922 ppb v/v
							1,1,2-Trichloroethane	39.9922 ppb v/v
							1,1-Dichloroethane	39.9922 ppb v/v
							1,1-Dichloroethene	39.9922 ppb v/v
							1,2,3-Trichlorobenzene	46.591 ppb v/v
							1,2,3-Trichloropropane	39.9922 ppb v/v
							1,2,4-Trichlorobenzene	46.9109 ppb v/v
							1,2,4-Trimethylbenzene	39.9922 ppb v/v
							1,2-Dibromoethane	39.9922 ppb v/v
							1,2-Dichlorobenzene	39.9922 ppb v/v
							1,2-Dichloroethane	39.9922 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	39.9922 ppb v/v
							1,2-Dichlorotetrafluoroethane	39.9922 ppb v/v
							1,3,5-Trimethylbenzene	39.9922 ppb v/v
							1,3-Butadiene	39.9922 ppb v/v
							1,3-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dioxane	39.9922 ppb v/v
							2,2,4-Trimethylpentane	39.9922 ppb v/v
							2-Chlorotoluene	39.9922 ppb v/v
							2-Methylbutane	39.9922 ppb v/v
							3-Chloropropene	39.9922 ppb v/v
							4-Ethyltoluene	39.9922 ppb v/v
							4-Isopropyltoluene	39.9922 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	39.9922 ppb v/v
							Acetone	39.9922 ppb v/v
							Acetonitrile	39.9922 ppb v/v
							Acrolein	46.8309 ppb v/v
							Acrylonitrile	39.9922 ppb v/v
							Alpha Methyl Styrene	39.9922 ppb v/v
							Benzene	39.9922 ppb v/v
							Benzyl chloride	39.9922 ppb v/v
							Bromodichloromethane	39.9922 ppb v/v
							Bromoethene (Vinyl Bromide)	39.9922 ppb v/v
							Bromoform	39.9922 ppb v/v
							Bromomethane	39.9922 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon disulfide	39.9922 ppb v/v
							Carbon tetrachloride	39.9922 ppb v/v
							Chlorobenzene	39.9922 ppb v/v
							Chloroethane	39.9922 ppb v/v
							Chloroform	39.9922 ppb v/v
							Chloromethane	39.9922 ppb v/v
							cis-1,2-Dichloroethene	39.9922 ppb v/v
							cis-1,3-Dichloropropene	39.9922 ppb v/v
							Cumene	39.9922 ppb v/v
							Cyclohexane	39.9922 ppb v/v
							Dibromochloromethane	39.9922 ppb v/v
							Dibromomethane	39.9922 ppb v/v
							Dichlorodifluoromethane	39.9922 ppb v/v
							Dodecane	39.9922 ppb v/v
							Ethyl acetate	39.9922 ppb v/v
							Ethyl ether	39.9922 ppb v/v
							Ethylbenzene	39.9922 ppb v/v
							Freon 22	39.9922 ppb v/v
							Freon TF	39.9922 ppb v/v
							Hexachlorobutadiene	44.9513 ppb v/v
							Isopropyl alcohol	46.351 ppb v/v
							m,p-Xylene	79.9845 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	39.9922 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	39.9922 ppb v/v
							Methyl methacrylate	39.9922 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl tert-butyl ether	39.9922 ppb v/v
							Methylene Chloride	39.9922 ppb v/v
							n-Butane	39.9922 ppb v/v
							n-Butanol	39.9922 ppb v/v
							n-Butylbenzene	39.9922 ppb v/v
							n-Decane	39.9922 ppb v/v
							n-Heptane	39.9922 ppb v/v
							n-Hexane	39.9922 ppb v/v
							n-Nonane	39.9922 ppb v/v
							n-Octane	39.9922 ppb v/v
							n-Propylbenzene	39.9922 ppb v/v
							Naphthalene	47.5508 ppb v/v
							o-Xylene	39.9922 ppb v/v
							Pentane	39.9922 ppb v/v
							Propene	39.9922 ppb v/v
							sec-Butylbenzene	39.9922 ppb v/v
							Styrene	39.9922 ppb v/v
							tert-Butyl alcohol	39.9922 ppb v/v
							tert-Butylbenzene	39.9922 ppb v/v
							Tetrachloroethene	39.9922 ppb v/v
							Tetrahydrofuran	39.9922 ppb v/v
							Toluene	39.9922 ppb v/v
							trans-1,2-Dichloroethene	39.9922 ppb v/v
							trans-1,3-Dichloropropene	39.9922 ppb v/v
							Trichloroethene	39.9922 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	39.9922 ppb v/v
							Undecane	39.9922 ppb v/v
							Vinyl acetate	45.5512 ppb v/v
							Vinyl chloride	39.9922 ppb v/v
					ATTO15EthCALw_00174	3092 mL	Ethanol	99.9806 ppb v/v
.ATTO15CALSTKi_00188	12/18/24	09/18/24	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene (Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..ATTO15CALs_00050	03/27/25		Linde, Lot CC-524925		(Purchased Reagent)		Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 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-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 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
							2-Methylbutane	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
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	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 Burlington

Job No.: 200-76025-1

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
							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
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 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-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00174	12/19/24	09/19/24	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25		ChemService, Lot 12173500		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CISs_00012							1,2-Dichloroethene, Total	
							1,4-Difluorobenzene	100 ppb v/v
							BFB	100 ppb v/v
							Chlorobenzene-d5	100 ppb v/v
							Chlorobromomethane	100 ppb v/v
							Tentatively Identified Compound	
							Total Alkanes	
							Xylene (total)	
ATTO15LCSW_00881	12/16/24	10/16/24	Nitrogen, Lot 13	15.463 L	ATTO15LCSSTKi_00149	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene (Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromochloromethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							o-Xylene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene (total)	29.9942 ppb v/v
.ATTO15LCSSTKi_00149	12/16/24	10/16/24	Nitrogen, Lot 12	37.5 L	ATTO15CALs_00051	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene (Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene (total)	600 ppb v/v
..ATTO15CALs_00051	03/27/25		Linde, Lot CC-237336		(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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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-Dichloroethene, Total	2 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
							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
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

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)	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 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
							Xylene (total)	3 ppm v/v

Reagent

1gEthanol_00005



660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

Ethyl alcohol

CATALOG NUMBER N-11885-1G
LOT NUMBER 12173500
DATE CERTIFIED 08/21/19
EXPIRATION DATE 08/30/25
CAS NUMBER 64-17-5
MOLECULAR FORMULA C₂H₆O
MOLECULAR WEIGHT 46.07
STORAGE Store at room temperature (20 - 25 °C).
HANDLING See Safety Data Sheet
INTENDED USE For laboratory use only.

Analytical Test	Value
% PURITY (GC/TCD)	99.5
% PURITY (GC/FID)	100.0
FT-IR SPECTROSCOPY	CONFORMS TO STRUCTURE
PHYSICAL APPEARANCE	COLORLESS LIQUID
% PURITY	99.8
ISO 17034:2016	CERTIFIED REFERENCE MATERIAL

COA Form
Revision 3 (3/2015)

Print Date: 08/19/21





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info@chemservice.com • www.chemservice.com

Chem Service, Inc. guarantees the purity to be +/- 0.5% deviation prior to the expiration date shown on the label and exclusive of any customer contamination.

Certified By:

Mary Beth O'Donnell

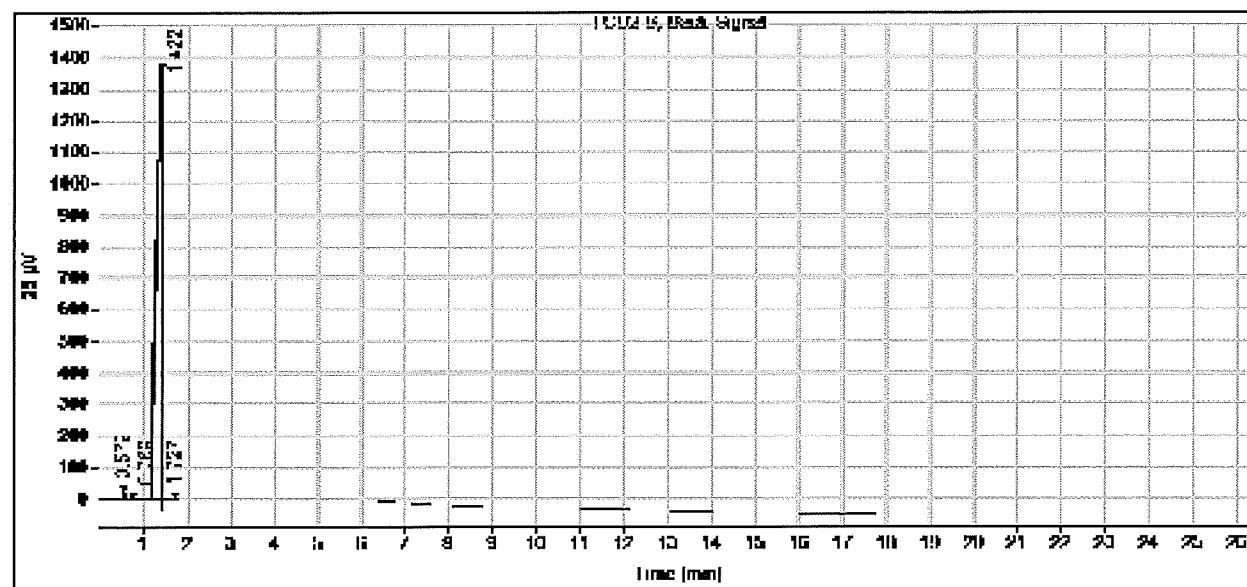
Mary Beth O'Donnell
CSM/TC



CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\2019 DATA\0719\SIG2022556.D
 Sample name: N-11885 NEAT TCD
 Instrument: GC 1 Sample type: Sample
 Injection date: 7/31/2019 11:37:41 AM Location: Vial 101
 Acq. method: N-11885 TCD.M Injection volume: 1.0uL
 Column name: DB-624 (30m x 0.53mm x 3.0um)



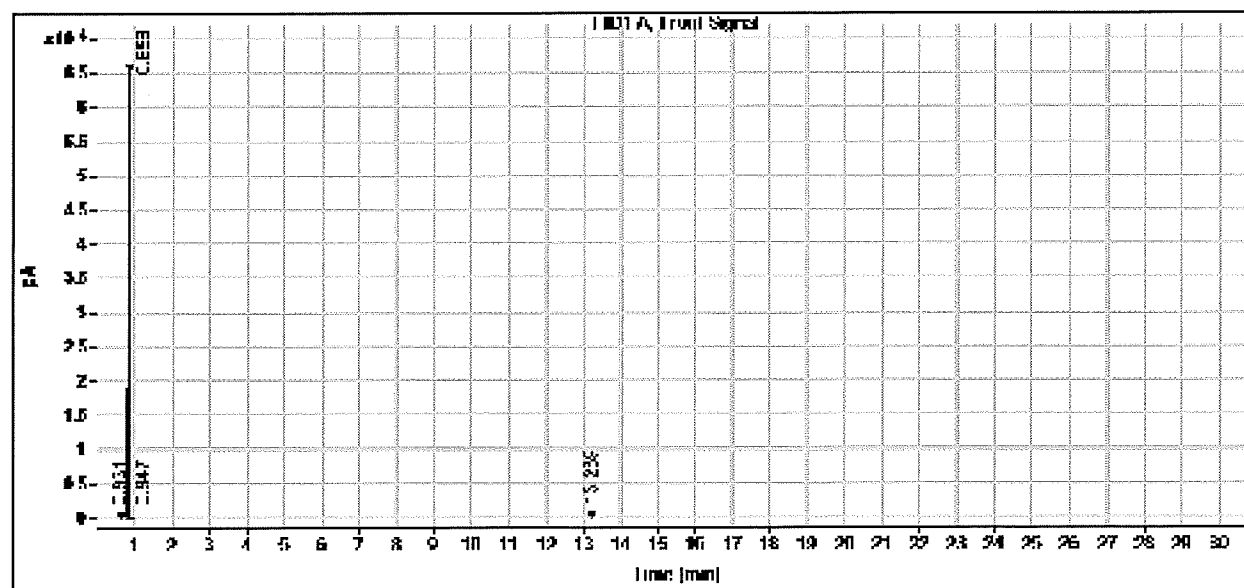
Signal: TCD2 B, Back Signal

RT [min]	Type	Width [min]	Area	Height	Area%
0.572	BB	0.0212	35.3817	25.4750	0.3008
0.769	BB	0.0375	16.7108	5.8171	0.1420
1.422	BB	0.1103	11708.3486	1361.3082	99.4587
1.727	BB	0.0260	11.6247	7.1305	0.0987
Sum			11772.0858		

CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\2019 DATA\073010\073010B 2019-07-30 18-13-42
1101F0403.D
Sample name: N-11885 neat
Instrument: GC 1 Sample type: Sample
Injection date: 7/31/2019 3:38:30 AM Location: Vial 101
Acq. method: N-11885.M Injection volume: 1.0uL
Column name: DB-624 (30m x 0.53mm x 3.0um)



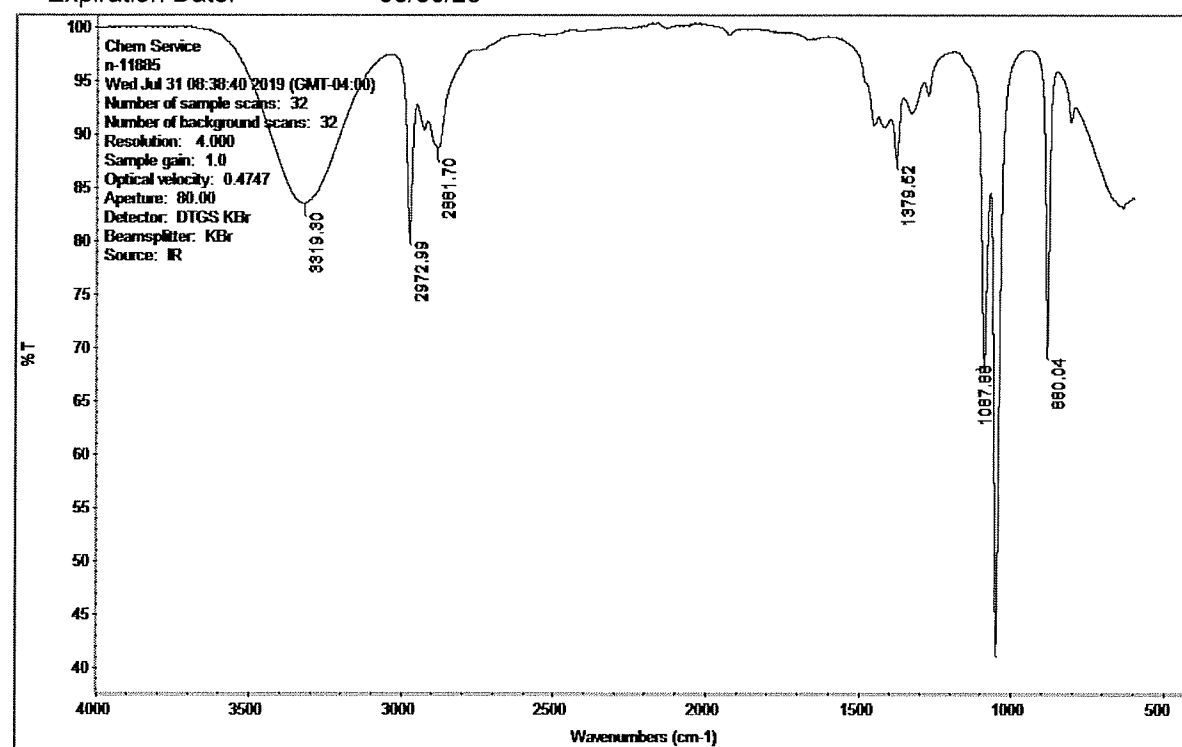
Signal: FID1 A, Front Signal

RT [min]	Type	Width [min]	Area	Height	Area%
0.631	BV	0.0075	0.2668	0.5372	0.0002
0.647	VB	0.0112	27.4219	37.8672	0.0185
0.868	BB S	0.0287	148490.7656	65443.8719	99.9813
13.239	BB	0.0025	0.0186	0.1089	0.0000
Sum			148518.4729		

CERTIFICATE OF ANALYSIS

Analysis Method:

Catalog Number: N-11885-1G
Description: Ethyl alcohol
Lot Number: 12173500
Expiration Date: 08/30/25



Reagent

ATTO15CALs_00050



ISO/IEC 17025



Analysis Report



1871092

ID ATTO15CALs_00050
Exp 03/21/25 Prep VTP
TO15 Calibration Source T

SHIPPED TO:
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

PAGE: 1 of 6
Report ID: 39140
Revision: 0

VTP 3/27/24

Sales#:	117495978	Cylinder Size:	152 (8" X 47.5")
Production#:	1603549	Cylinder # :	CC-524925
Report Date:	Mar-27-2024	Cylinder Pressure:	2000 psig
P.O.#:	75737466	Cylinder Valve:	CGA 350 / Steel
Blend Type:	ISO-17025	Cylinder Volume:	29.5 Liter
Material#:	24104980	Cylinder Material:	Aluminum
Traceability:	NIST by weight	Gas Volume:	4000 Liters
Expiration Date:	Mar-27-2025	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Method of Analysis:	GC-FID

Primary Reference Material intended for the calibration of gas analyzers or instrumentation. General instructions for proper use of gas mixtures are found in "ISO 16664: Gas analysis – handling of calibration gases and gas mixtures".

Contents under pressure, store in secure area and do not expose to temperatures greater than 150 °F.

Recommended Operating temperature within 32°F (0°C) and 125°F (52°C).

Recommended minimum sample size 10 mL.

Except where noted, results are reported in mole/mole ppm as determined by Gas Chromatography using qualified reference standards under ANA-50-741-ALP and ANA-50-742-ALP and meets ISO/IEC 17025 requirements. Every cylinder is analyzed and represents one unique lot.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor providing a level of confidence of 95% and has been carried out in accordance with ISO/IEC 17025 requirements.

This report is issued in accordance with the laboratory accreditation requirements of ANAB. It provides traceability of measurement to recognized national standards, and to units of measurement realized by the National Institute of Standards and Technology (NIST).

Linde Spectra Environmental Gases

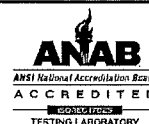
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ISO/IEC 17025



Analysis Report

SHIPPED TO:
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

PAGE: 2 of 6
Report ID: 39140
Revision: 0

Sales#:	117495978	Cylinder Size:	152 (8" X 47.5")
Production#:	1603549	Cylinder # :	CC-524925
Report Date:	Mar-27-2024	Cylinder Pressure:	2000 psig
P.O.#:	75737466	Cylinder Valve:	CGA 350 / Steel
Blend Type:	ISO-17025	Cylinder Volume:	29.5 Liter
Material#:	24104980	Cylinder Material:	Aluminum
Traceability:	NIST by weight	Gas Volume:	4000 Liters
Expiration Date:	Mar-27-2025	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Method of Analysis:	GC-FID

<u>COMPONENT</u>	<u>CAS Number</u>	<u>Requested Conc</u>	<u>(k @ 95%)</u>	<u>Reported Conc</u>	<u>Uncertainty</u>
Propylene	115-07-1	1.000 ppm	2.571	1.066 ppm	± 0.050 ppm
Chlorodifluoromethane	75-45-6	1.000 ppm	2.571	1.065 ppm	± 0.044 ppm
Freon-12	75-71-8	1.000 ppm	2.571	1.048 ppm	± 0.033 ppm
Chloromethane	74-87-3	1.000 ppm	2.571	1.055 ppm	± 0.050 ppm
Freon-114	76-14-2	1.000 ppm	2.571	1.056 ppm	± 0.055 ppm
Vinyl Chloride	75-01-4	1.000 ppm	2.571	1.052 ppm	± 0.035 ppm
1,3-Butadiene	106-99-0	1.000 ppm	2.571	1.059 ppm	± 0.030 ppm
Methanol	67-56-1	1.000 ppm	2.571	1.213 ppm	± 0.034 ppm
n-Butane	106-97-8	1.000 ppm	2.571	1.051 ppm	± 0.021 ppm
Bromomethane	74-83-9	1.000 ppm	2.571	1.051 ppm	± 0.033 ppm
Chloroethane	75-00-3	1.000 ppm	2.571	1.046 ppm	± 0.028 ppm
Vinyl Bromide	593-60-2	1.000 ppm	2.571	1.058 ppm	± 0.028 ppm
Acetonitrile	75-05-8	1.000 ppm	2.571	1.101 ppm	± 0.036 ppm
Acrolein	107-02-8	1.000 ppm	2.571	1.171 ppm	± 0.038 ppm
Isopentane	78-78-4	1.000 ppm	2.571	1.060 ppm	± 0.038 ppm
Acetone	67-64-1	1.000 ppm	2.571	1.066 ppm	± 0.036 ppm
Freon-11	75-69-4	1.000 ppm	2.571	1.029 ppm	± 0.026 ppm
Isopropyl Alcohol	67-63-0	1.000 ppm	2.571	1.159 ppm	± 0.029 ppm
n-Pentane	109-66-0	1.000 ppm	2.571	1.057 ppm	± 0.026 ppm
Acrylonitrile	107-13-1	1.000 ppm	2.571	1.070 ppm	± 0.034 ppm
Ethyl Ether	60-29-7	1.000 ppm	2.571	1.059 ppm	± 0.043 ppm
1,1-Dichloroethene	75-35-4	1.000 ppm	2.571	1.087 ppm	± 0.034 ppm
Carbon Disulfide	75-15-0	1.000 ppm	2.571	1.083 ppm	± 0.034 ppm
Methylene Chloride	75-09-2	1.000 ppm	2.571	1.063 ppm	± 0.027 ppm
Tert-Butanol	75-65-0	1.000 ppm	2.571	1.084 ppm	± 0.027 ppm
3-Chloropropene	107-05-1	1.000 ppm	2.571	1.047 ppm	± 0.026 ppm
Freon-113	76-13-1	1.000 ppm	2.571	1.082 ppm	± 0.033 ppm

Linde Spectra Environmental Gases

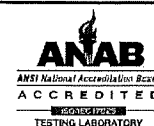
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ISO/IEC 17025



Analysis Report

SHIPPED TO:
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

PAGE: 3 of 6
Report ID: 39140
Revision: 0

Sales#:	117495978	Cylinder Size:	152 (8" X 47.5")
Production#:	1603549	Cylinder # :	CC-524925
Report Date:	Mar-27-2024	Cylinder Pressure:	2000 psig
P.O.#:	75737466	Cylinder Valve:	CGA 350 / Steel
Blend Type:	ISO-17025	Cylinder Volume:	29.5 Liter
Material#:	24104980	Cylinder Material:	Aluminum
Traceability:	NIST by weight	Gas Volume:	4000 Liters
Expiration Date:	Mar-27-2025	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Method of Analysis:	GC-FID

<u>COMPONENT</u>	<u>CAS Number</u>	<u>Requested Conc</u>	<u>(k @ 95%)</u>	<u>Reported Conc</u>	<u>Uncertainty</u>
Trans-1,2-Dichloroethene	156-60-5	1.000 ppm	2.571	1.035 ppm	± 0.034 ppm
1,1-Dichloroethane	75-34-3	1.000 ppm	2.571	1.042 ppm	± 0.042 ppm
Methyl Tert Butyl Ether	1634-04-4	1.000 ppm	2.571	1.050 ppm	± 0.031 ppm
Vinyl Acetate	108-05-4	1.000 ppm	2.571	1.139 ppm	± 0.030 ppm
Methyl Ethyl Ketone	78-93-3	1.000 ppm	2.571	1.060 ppm	± 0.023 ppm
Cis-1,2-Dichloroethene	156-59-2	1.000 ppm	2.571	1.081 ppm	± 0.042 ppm
Hexane	110-54-3	1.000 ppm	2.571	1.057 ppm	± 0.041 ppm
Chloroform	67-66-3	1.000 ppm	2.571	1.034 ppm	± 0.026 ppm
Ethyl Acetate	141-78-6	1.000 ppm	2.571	1.028 ppm	± 0.026 ppm
Tetrahydrofuran	109-99-9	1.000 ppm	2.571	1.058 ppm	± 0.025 ppm
1,2-Dichloroethane	107-06-2	1.000 ppm	2.571	1.037 ppm	± 0.032 ppm
1,1,1-Trichloroethane	71-55-6	1.000 ppm	2.571	1.040 ppm	± 0.034 ppm
Benzene	71-43-2	1.000 ppm	2.571	1.042 ppm	± 0.040 ppm
1-Butanol	71-36-3	1.000 ppm	2.571	1.092 ppm	± 0.027 ppm
Carbon Tetrachloride	56-23-5	1.000 ppm	2.571	1.045 ppm	± 0.026 ppm
Cyclohexane	110-82-7	1.000 ppm	2.571	1.058 ppm	± 0.032 ppm
Dibromomethane	74-95-3	1.000 ppm	2.571	1.044 ppm	± 0.026 ppm
1,2-Dichloropropane	78-87-5	1.000 ppm	2.571	1.052 ppm	± 0.026 ppm
Trichloroethylene	79-01-6	1.000 ppm	2.571	1.048 ppm	± 0.025 ppm
Bromodichloromethane	75-27-4	1.000 ppm	2.571	1.043 ppm	± 0.025 ppm
1,4-Dioxane	123-91-1	1.000 ppm	2.571	1.045 ppm	± 0.025 ppm
2,2,4-Trimethylpentane	540-84-1	1.000 ppm	2.571	1.044 ppm	± 0.025 ppm
Methyl Methacrylate	80-62-6	1.000 ppm	2.571	1.049 ppm	± 0.024 ppm
Heptane	142-82-5	1.000 ppm	2.571	1.048 ppm	± 0.024 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.000 ppm	2.571	1.056 ppm	± 0.028 ppm
Methyl Isobutyl Ketone	108-10-1	1.000 ppm	2.571	1.044 ppm	± 0.028 ppm
Methylcyclohexane	108-87-2	1.000 ppm	2.571	1.042 ppm	± 0.028 ppm

Linde Spectra Environmental Gases

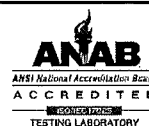
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ISO/IEC 17025



Analysis Report

SHIPPED TO:
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

PAGE: 4 of 6
Report ID: 39140
Revision: 0

Sales#:	117495978	Cylinder Size:	152 (8" X 47.5")
Production#:	1603549	Cylinder # :	CC-524925
Report Date:	Mar-27-2024	Cylinder Pressure:	2000 psig
P.O.#:	75737466	Cylinder Valve:	CGA 350 / Steel
Blend Type:	ISO-17025	Cylinder Volume:	29.5 Liter
Material#:	24104980	Cylinder Material:	Aluminum
Traceability:	NIST by weight	Gas Volume:	4000 Liters
Expiration Date:	Mar-27-2025	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Method of Analysis:	GC-FID

<u>COMPONENT</u>	<u>CAS Number</u>	<u>Requested Conc</u>	<u>(k @ 95%)</u>	<u>Reported Conc</u>	<u>Uncertainty</u>
Trans-1,3-Dichloropropene	10061-02-6	1.000 ppm	2.571	1.053 ppm	± 0.026 ppm
1,1,2-Trichloroethane	79-00-5	1.000 ppm	2.571	1.046 ppm	± 0.023 ppm
Toluene	108-88-3	1.000 ppm	2.571	1.051 ppm	± 0.021 ppm
Methyl Butyl Ketone	591-78-6	1.000 ppm	2.571	1.057 ppm	± 0.024 ppm
Dibromochloromethane	124-48-1	1.000 ppm	2.571	1.052 ppm	± 0.023 ppm
1,2-Dibromoethane	106-93-4	1.000 ppm	2.571	1.049 ppm	± 0.023 ppm
n-Octane	111-65-9	1.000 ppm	2.571	1.056 ppm	± 0.027 ppm
Tetrachloroethylene	127-18-4	1.000 ppm	2.571	1.039 ppm	± 0.020 ppm
Chlorobenzene	108-90-7	1.000 ppm	2.571	1.051 ppm	± 0.023 ppm
Ethylbenzene	100-41-4	1.000 ppm	2.571	1.053 ppm	± 0.022 ppm
p-xylene	106-42-3	1.000 ppm	2.571	1.051 ppm	± 0.021 ppm
m-xylene	108-38-3	1.000 ppm	2.571	1.048 ppm	± 0.021 ppm
Bromoform	75-25-2	1.000 ppm	2.571	1.051 ppm	± 0.051 ppm
Styrene	100-42-5	1.000 ppm	2.571	1.056 ppm	± 0.023 ppm
o-xylene	95-47-6	1.000 ppm	2.571	1.051 ppm	± 0.022 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.000 ppm	2.571	1.051 ppm	± 0.022 ppm
1,2,3-Trichloropropane	96-18-4	1.000 ppm	2.571	1.065 ppm	± 0.031 ppm
Nonane	111-84-2	1.000 ppm	2.571	1.052 ppm	± 0.021 ppm
Cumene	98-82-8	1.000 ppm	2.571	1.057 ppm	± 0.024 ppm
2-Chlorotoluene	95-49-8	1.000 ppm	2.571	1.063 ppm	± 0.031 ppm
n-Propylbenzene	103-65-1	1.000 ppm	2.571	1.057 ppm	± 0.031 ppm
4-Ethyltoluene	622-96-8	1.000 ppm	2.571	1.052 ppm	± 0.039 ppm
1,3,5-Trimethylbenzene	108-67-8	1.000 ppm	2.571	1.053 ppm	± 0.045 ppm
alpha-Methyl Styrene	98-83-9	1.000 ppm	2.571	1.081 ppm	± 0.045 ppm
Tert-Butyl Benzene	98-06-6	1.000 ppm	2.571	1.062 ppm	± 0.048 ppm
1,2,4-Trimethylbenzene	95-63-6	1.000 ppm	2.571	1.069 ppm	± 0.048 ppm
1,3-Dichlorobenzene	541-73-1	1.000 ppm	2.571	1.086 ppm	± 0.050 ppm

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Analysis Report

SHIPPED TO:
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

PAGE: 5 of 6
Report ID: 39140
Revision: 0

Sales#:	117495978	Cylinder Size:	152 (8" X 47.5")
Production#:	1603549	Cylinder # :	CC-524925
Report Date:	Mar-27-2024	Cylinder Pressure:	2000 psig
P.O.#:	75737466	Cylinder Valve:	CGA 350 / Steel
Blend Type:	ISO-17025	Cylinder Volume:	29.5 Liter
Material#:	24104980	Cylinder Material:	Aluminum
Traceability:	NIST by weight	Gas Volume:	4000 Liters
Expiration Date:	Mar-27-2025	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Method of Analysis:	GC-FID

<u>COMPONENT</u>	<u>CAS Number</u>	<u>Requested Conc</u>	<u>(k @ 95%)</u>	<u>Reported Conc</u>	<u>Uncertainty</u>
Benzyl Chloride	100-44-7	1.000 ppm	2.571	1.078 ppm	± 0.049 ppm
n-Decane	124-18-5	1.000 ppm	2.571	1.080 ppm	± 0.049 ppm
1,4-Dichlorobenzene	106-46-7	1.000 ppm	2.571	1.087 ppm	± 0.048 ppm
Sec-Butyl Benzene	135-98-8	1.000 ppm	2.571	1.067 ppm	± 0.051 ppm
4-Isopropyltoluene	99-87-6	1.000 ppm	2.571	1.077 ppm	± 0.056 ppm
1,2-Dichlorobenzene	95-50-1	1.000 ppm	2.571	1.080 ppm	± 0.047 ppm
n-Butyl Benzene	104-51-8	1.000 ppm	2.571	1.092 ppm	± 0.059 ppm
n-Undecane	1120-21-4	1.000 ppm	2.571	1.074 ppm	± 0.058 ppm
1,2,4-Trichlorobenzene	120-82-1	1.000 ppm	2.571	1.173 ppm	± 0.068 ppm
Naphthalene	91-20-3	1.000 ppm	2.571	1.189 ppm	± 0.094 ppm
n-Dodecane	112-40-3	1.000 ppm	2.571	1.084 ppm	± 0.076 ppm

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Analysis Report

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30 Community Dr Ste 11
South Burlington, VT 05403

PAGE: 6 of 6
Report ID: 39140
Revision: 0

Sales#:	117495978	Cylinder Size:	152 (8" X 47.5")
Production#:	1603549	Cylinder # :	CC-524925
Report Date:	Mar-27-2024	Cylinder Pressure:	2000 psig
P.O.#:	75737466	Cylinder Valve:	CGA 350 / Steel
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Material#:	24104980	Cylinder Material:	Aluminum
Traceability:	NIST by weight	Gas Volume:	4000 Liters
Expiration Date:	Mar-27-2025	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Method of Analysis:	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
1,2,3-Trichlorobenzene	87-61-6	1.000 ppm	2.571	1.165 ppm	± 0.082 ppm
Hexachloro-1,3-Butadiene	87-68-3	1.000 ppm	2.571	1.124 ppm	± 0.064 ppm
Nitrogen	7727-37-9	Balance		Balance	

20% Blend Tolerance on Acetonitrile, Acrolein, Isopropyl Alcohol, Vinyl Acetate, Tert-Butanol, 1-Butanol, 1,2,4-Trichlorobenzene, Naphthalene, 1,2,3-Trichlorobenzene, alpha-Methylstyrene, Benzyl Chloride, and Hexachloro-1,3-Butadiene.

25% Blend Tolerance on Methanol.

No Stability Guarantee on Methanol.

ANALYST: Lou Lorenzetti

DATE: Mar-27-2024

Linde Spectra Environmental Gases

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Linde North America, Inc.

80 Industrial Drive, Alpha, NJ 08865
Phone: +1.908.329-9700 FAX: +1.908.329-9740

Reagent

ATTO15CALs_00051

THE LINDE GROUP

Linde

SHIPPED TO: Test America Inc.
30 Community Dr Ste 11
South Burlington, VT 05403-6834

PAGE: 1 of 4

ANALYSIS REPORT

Sales#: 117425259

Production#: 1545375

Report Date: Oct-25-2021

P.O.#: 74005680

Blend Type: QUALIFIED

Material#: 24106776

Traceability: NIST by weight

Expiration Date: Oct-25-2022

Do NOT use under: 150 psig



1937983

ID ATTO15CAL5_00051

Exp 03/27/25 Prod

TO15 Second Source Tank

Cylinder Size: 152 (8" X 47.5")

Cylinder #: CC-237336

Cylinder Pressure: 1700 psig

Cylinder Valve: CGA 350 / Steel

Cylinder Volume: 29.5 Liter

Cylinder Material: Aluminum

Gas Volume: 3400 Liters

Blend Tolerance: 10% Relative

Analytical Accuracy: 5% Relative

* Exp: 3/27/2025

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Propylene	115-07-1	1.00 ppm	1.03 ppm
Chlorodifluoromethane	75-45-6	1.00 ppm	1.05 ppm
Freon-12	75-71-8	1.00 ppm	1.04 ppm
Chloromethane	74-87-3	1.00 ppm	1.07 ppm
Freon-114	76-14-2	1.00 ppm	1.04 ppm
Vinyl Chloride	75-01-4	1.00 ppm	1.03 ppm
1,3-Butadiene	106-99-0	1.00 ppm	1.04 ppm
Methanol (No Stability Guarantee)	67-56-1	1.00 ppm	0.86 ppm
n-Butane	106-97-8	1.00 ppm	1.04 ppm
Bromomethane	74-83-9	1.00 ppm	1.03 ppm
Chloroethane	75-00-3	1.00 ppm	1.03 ppm
Vinyl Bromide	593-60-2	1.00 ppm	1.04 ppm
Acetonitrile	75-05-8	1.00 ppm	0.95 ppm
Acrolein	107-02-8	1.00 ppm	1.01 ppm
Isopentane	78-78-4	1.00 ppm	1.05 ppm
Acetone	67-64-1	1.00 ppm	0.99 ppm
Freon-11	75-69-4	1.00 ppm	1.06 ppm
n-Pentane	109-66-0	1.00 ppm	1.05 ppm
Isopropyl Alcohol	67-63-0	1.00 ppm	0.98 ppm
Acrylonitrile	107-13-1	1.00 ppm	0.98 ppm
Ethyl Ether	60-29-7	1.00 ppm	1.04 ppm
1,1-Dichloroethene	75-35-4	1.00 ppm	1.03 ppm
Carbon Disulfide	75-15-0	1.00 ppm	1.02 ppm
Methylene Chloride	75-09-2	1.00 ppm	1.03 ppm
Tert-Butanol	75-65-0	1.00 ppm	1.02 ppm
Allyl Chloride	107-05-1	1.00 ppm	1.07 ppm
Freon-113	76-13-1	1.00 ppm	1.05 ppm
Trans-1,2-Dichloroethene	156-60-5	1.00 ppm	1.03 ppm
1,1-Dichloroethane	75-34-3	1.00 ppm	1.01 ppm
Methyl Tert Butyl Ether	1634-04-4	1.00 ppm	1.02 ppm

* Recertify at Page 112 of 147 10/14/2024 by VTP

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South Burlington, VT 05403-6834

PAGE: 2 of 4

ANALYSIS REPORT

Sales#:	117425259	Cylinder Size: 152 (8" X 47.5")
Production#:	1545375	Cylinder #: CC-237336
Report Date:	Oct-25-2021	Cylinder Pressure: 1700 psig
P.O.#:	74005680	Cylinder Valve: CGA 350 / Steel
Blend Type:	QUALIFIED	Cylinder Volume: 29.5 Liter
Material#:	24106776	Cylinder Material: Aluminum
Traceability:	NIST by weight	Gas Volume: 3400 Liters
Expiration Date:	Oct-25-2022	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	1.05 ppm
Methyl Ethyl Ketone	78-93-3	1.00 ppm	1.02 ppm
Cis-1,2-Dichloroethene	156-59-2	1.00 ppm	1.01 ppm
Hexane	110-54-3	1.00 ppm	1.04 ppm
Chloroform	67-66-3	1.00 ppm	1.01 ppm
Ethyl Acetate	141-78-6	1.00 ppm	1.01 ppm
Tetrahydrofuran	109-99-9	1.00 ppm	0.96 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	1.03 ppm
1-Butanol	71-36-3	1.00 ppm	0.92 ppm
Carbon Tetrachloride	56-23-5	1.00 ppm	1.03 ppm
Cyclohexane	110-82-7	1.00 ppm	1.05 ppm
Dibromomethane	74-95-3	1.00 ppm	1.03 ppm
1,2-Dichloropropane	78-87-5	1.00 ppm	1.03 ppm
Trichloroethylene	79-01-6	1.00 ppm	1.03 ppm
Bromodichloromethane	75-27-4	1.00 ppm	1.03 ppm
1,4-Dioxane	123-91-1	1.00 ppm	1.02 ppm
2,2,4-Trimethylpentane	540-84-1	1.00 ppm	1.05 ppm
Methyl Methacrylate	80-62-6	1.00 ppm	0.97 ppm
Heptane	142-82-5	1.00 ppm	1.05 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.00 ppm	1.03 ppm
Methylcyclohexane	108-87-2	1.00 ppm	1.04 ppm
Methyl Isobutyl Ketone	108-10-1	1.00 ppm	1.03 ppm
Trans-1,3-Dichloropropene	10061-02-6	1.00 ppm	0.97 ppm
1,1,2-Trichloroethane	79-00-5	1.00 ppm	1.03 ppm
Toluene	108-88-3	1.00 ppm	1.01 ppm
Methyl Butyl Ketone	591-78-6	1.00 ppm	0.98 ppm
Dibromochloromethane	124-48-1	1.00 ppm	0.97 ppm
1,2-Dibromoethane	106-93-4	1.00 ppm	1.05 ppm

THE LINDE GROUP

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SHIPPED TO: Test America Inc.
30 Community Dr Ste 11
South Burlington, VT 05403-6834

PAGE: 3 of 4

ANALYSIS REPORT

Sales#: 117425259
Production#: 1545375
Report Date: Oct-25-2021
P.O.#: 74005680
Blend Type: QUALIFIED
Material#: 24106776
Traceability: NIST by weight
Expiration Date: Oct-25-2022
Do NOT use under: 150 psig

Cylinder Size: 152 (8" X 47.5")
Cylinder #: CC-237336
Cylinder Pressure: 1700 psig
Cylinder Valve: CGA 350 / Steel
Cylinder Volume: 29.5 Liter
Cylinder Material: Aluminum
Gas Volume: 3400 Liters
Blend Tolerance: 10% Relative
Analytical Accuracy: 5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
n-Octane	111-65-9	1.00 ppm	1.03 ppm
Tetrachloroethylene	127-18-4	1.00 ppm	1.05 ppm
Chlorobenzene	108-90-7	1.00 ppm	1.02 ppm
Ethylbenzene	100-41-4	1.00 ppm	1.01 ppm
p-xylene	106-42-3	1.00 ppm	1.02 ppm
m-xylene	108-38-3	1.00 ppm	1.02 ppm
Bromoform	75-25-2	1.00 ppm	1.02 ppm
Styrene	100-42-5	1.00 ppm	1.00 ppm
o-xylene	95-47-6	1.00 ppm	1.03 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.00 ppm	1.03 ppm
1,2,3-Trichloropropane	96-18-4	1.00 ppm	1.05 ppm
Nonane	111-84-2	1.00 ppm	1.05 ppm
Cumene	98-82-8	1.00 ppm	1.04 ppm
2-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	1.03 ppm
1,3,5-Trimethylbenzene	108-67-8	1.00 ppm	1.04 ppm
alpha-Methyl Styrene (No Stability Guarantee)	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	100-44-7	1.00 ppm	1.06 ppm
n-Decane	124-18-5	1.00 ppm	1.02 ppm
1,4-Dichlorobenzene	106-46-7	1.00 ppm	1.02 ppm
Sec-Butyl Benzene	135-98-8	1.00 ppm	1.02 ppm
4-Isopropyltoluene	99-87-6	1.00 ppm	1.01 ppm
1,2-Dichlorobenzene	95-50-1	1.00 ppm	1.02 ppm
n-Butyl Benzene	104-51-8	1.00 ppm	1.02 ppm

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30 Community Dr Ste 11
South Burlington, VT 05403-6834

PAGE: 4 of 4

ANALYSIS REPORT

Sales#:	117425259	Cylinder Size:	152 (8" X 47.5")
Production#:	1545375	Cylinder #:	CC-237336
Report Date:	Oct-25-2021	Cylinder Pressure:	1700 psig
P.O.#:	74005680	Cylinder Valve:	CGA 350 / Steel
Blend Type:	QUALIFIED	Cylinder Volume:	29.5 Liter
Material#:	24106776	Cylinder Material:	Aluminum
Traceability:	NIST by weight	Gas Volume:	3400 Liters
Expiration Date:	Oct-25-2022	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Analytical Accuracy:	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
n-Undecane	1120-21-4	1.00 ppm	1.03 ppm
1,2,4-Trichlorobenzene	120-82-1	1.00 ppm	1.05 ppm
Naphthalene	91-20-3	1.00 ppm	0.95 ppm
n-Dodecane	112-40-3	1.00 ppm	0.93 ppm
1,2,3-Trichlorobenzene	87-61-6	1.00 ppm	0.92 ppm
Hexachloro-1,3-Butadiene	87-68-3	1.00 ppm	1.02 ppm
Nitrogen	7727-37-9	Balance	Balance

ANALYST: 

Lou Lorenzetti

DATE: Oct-25-2021

Preliminary Report

Eurofins Burlington

LCS, Lab Control Sample Report

Sample Path: \\chromfs\Burlington\ChromData\CHAM.i\20240628-60975.b\60975_003.D

Lims ID: LCS

Inj. Date: 28-Jun-2024 08:14:13

Worklist ID: 200-0060975-003

Instrument: CHAM.i

Method: TO15_TO3_Master_Method_AM1

Compound	Amount Added	Amount Recovered	%Rec	Limits 1 _Summa_C
1 Propene	10.0	10.7	106.6	50-158
2 Dichlorodifluoromethane	10.0	9.63	96.3	61-142
3 Chlorodifluoromethane	10.0	10.2	102.0	60-147
4 1,2-Dichloro-1,1,2,2-te	10.0	9.59	95.9	71-141
5 Chloromethane	10.0	10.5	105.1	56-141
7 Butane	10.0	11.2	112.0	53-151
6 Vinyl chloride	10.0	10.1	100.6	61-135
8 Butadiene	10.0	9.72	97.2	58-139
9 Bromomethane	10.0	9.39	93.9	72-124
10 Chloroethane	10.0	10.1	101.4	68-130
12 2-Methylbutane	10.0	10.3	103.2	56-150
13 Vinyl bromide	10.0	9.22	92.3	75-125
14 Trichlorofluoromethane	10.0	9.25	92.5	70-129
15 Pentane	10.0	10.7	106.9	59-152
16 Ethanol	15.0	16.8	112.0	50-150
18 Ethyl ether	10.0	10.2	101.7	71-143
19 Acrolein	10.0	10.4	103.8	50-150
20 1,1-Dichloroethene	10.0	9.21	92.1	68-120
21 1,1,2-Trichloro-1,2,2-t	10.0	9.39	93.9	70-121
22 Acetone	10.0	11.2	111.8	54-154
23 Isopropyl alcohol	10.0	10.9	109.3	53-142
24 Carbon disulfide	10.0	10.0	100.2	71-138
25 Acetonitrile	10.0	11.5	114.7	60-154
26 3-Chloro-1-propene	10.0	10.4	104.2	50-150
27 Methylene Chloride	10.0	10.6	106.4	59-137
28 2-Methyl-2-propanol	10.0	10.7	106.8	66-132
29 Acrylonitrile	10.0	11.0	109.7	65-140
30 trans-1,2-Dichloroethen	10.0	10.0	100.0	69-137
31 Methyl tert-butyl ether	10.0	10.2	102.3	70-127
32 Hexane	10.0	10.1	100.9	63-138
S 35 1,2-Dichloroethene, Tot	20.0	19.2	96.2	73-126
33 1,1-Dichloroethane	10.0	9.90	99.0	66-130
34 Vinyl acetate	10.0	11.3	112.9	59-149
36 2-Butanone (MEK)	10.0	10.1	100.8	72-124
37 cis-1,2-Dichloroethene	10.0	9.24	92.4	72-121
38 Ethyl acetate	10.0	10.0	99.9	70-131
40 Tetrahydrofuran	10.0	11.1	111.0	60-149
41 Chloroform	10.0	9.72	97.2	73-124
42 1,1,1-Trichloroethane	10.0	9.59	95.9	72-127
43 Cyclohexane	10.0	9.63	96.4	76-124
44 Carbon tetrachloride	10.0	9.47	94.7	71-133

Preliminary Report

Sample Path: \\chromfs\Burlington\ChromData\CHAM.i\20240628-60975.b\60975_003.D

Compound	Amount Added	Amount Recovered	%Rec	Limits 1 _Summa_C
45 Benzene	10.0	9.72	97.2	73-119
46 1,2-Dichloroethane	10.0	10.0	100.2	68-135
47 Isooctane	10.0	10.2	101.7	68-131
48 n-Heptane	10.0	10.4	104.1	60-142
50 n-Butanol	10.0	10.4	104.4	50-156
51 Trichloroethene	10.0	9.34	93.4	73-122
53 1,2-Dichloropropane	10.0	10.1	101.0	69-128
54 Methyl methacrylate	10.0	10.3	102.9	73-129
55 1,4-Dioxane	10.0	10.1	101.4	66-129
57 Dibromomethane	10.0	8.93	89.3	68-126
58 Dichlorobromomethane	10.0	9.86	98.6	75-127
59 cis-1,3-Dichloropropene	10.0	10.0	100.0	74-125
61 4-Methyl-2-pentanone (M	10.0	10.7	107.4	58-144
62 Toluene	10.0	9.89	98.9	75-122
64 n-Octane	10.0	10.6	105.7	62-144
66 trans-1,3-Dichloropropene	10.0	10.1	101.0	74-128
67 1,1,2-Trichloroethane	10.0	10.1	101.3	75-126
68 Tetrachloroethene	10.0	9.04	90.5	70-125
69 2-Hexanone	10.0	11.2	111.5	57-143
70 Chlorodibromomethane	10.0	9.88	98.8	73-125
71 Ethylene Dibromide	10.0	9.89	98.9	78-122
74 Chlorobenzene	10.0	9.67	96.7	76-119
75 Ethylbenzene	10.0	10.1	100.6	74-122
76 m-Xylene & p-Xylene	20.0	19.9	99.5	76-121
77 n-Nonane	10.0	10.6	106.1	70-131
S 80 Xylenes, Total	30.0	29.8	99.4	75-122
78 o-Xylene	10.0	9.91	99.1	73-123
79 Styrene	10.0	10.1	101.3	74-125
81 Bromoform	10.0	10.0	100.0	53-149
82 Isopropylbenzene	10.0	10.1	100.7	73-123
83 1,1,2,2-Tetrachloroethane	10.0	10.5	104.6	74-126
84 1,2,3-Trichloropropane	10.0	10.5	105.1	71-125
85 N-Propylbenzene	10.0	10.4	104.1	73-127
86 2-Chlorotoluene	10.0	10.2	101.5	74-126
87 4-Ethyltoluene	10.0	10.4	103.6	75-129
88 1,3,5-Trimethylbenzene	10.0	10.3	103.4	72-126
89 n-Decane	10.0	11.1	111.3	68-134
90 Alpha Methyl Styrene	10.0	10.4	103.7	71-132
91 tert-Butylbenzene	10.0	10.1	101.0	71-125
92 1,2,4-Trimethylbenzene	10.0	10.3	103.4	71-129
93 sec-Butylbenzene	10.0	10.4	104.3	70-128
94 1,3-Dichlorobenzene	10.0	10.0	100.5	69-131
95 4-Isopropyltoluene	10.0	10.4	104.0	68-130
96 1,4-Dichlorobenzene	10.0	10.1	100.6	67-132
97 Benzyl chloride	10.0	11.4	113.6	60-136
98 n-Butylbenzene	10.0	10.7	107.4	65-137

Preliminary Report

Sample Path: \\chromfs\Burlington\ChromData\CHAM.i\20240628-60975.b\60975_003.D

Compound	Amount Added	Amount Recovered	%Rec	Limits 1 _Summa_C
99 1,2-Dichlorobenzene	10.0	10.2	101.5	68-129
100 Undecane	10.0	11.1	111.5	62-136
101 Dodecane	10.0	11.4	114.4	50-150
102 1,2,4-Trichlorobenzene	10.0	9.83	98.3	50-150
103 Hexachlorobutadiene	10.0	9.18	91.8	58-130
104 Naphthalene	10.0	13.1	131.2	50-150
105 1,2,3-Trichlorobenzene	10.0	9.81	98.1	50-150

Samples for Limit Group: 1, Lims Prep Method: Air_Summa_Can

200-74115-A-3

200-74115-A-4

180-176160-A-1

200-74105-A-1

200-74105-A-2

200-74105-A-3

200-74105-A-4

200-74105-A-5

200-74124-A-1

200-74009-A-10

180-176297-A-1

180-176297-A-2

180-176297-A-3

180-176297-A-4

180-176297-A-5

Preliminary Report

Eurofins Burlington

LCSD, LCS Duplicate Report

Sample Path: \\chromfs\Burlington\ChromData\CHAM.i\20240628-60975.b\60975_004.D

Lims ID: LCSD

Inj. Date: 28-Jun-2024 09:05:42

Worklist ID: 200-0060975-004

Instrument: CHAM.i

Method: TO15_TO3_Master_Method_AM1

Compound	Amount Added	Amount Recovered	%Rec	Limits 1 _Summa_C
1 Propene	10.0	9.96	99.7	50-158
2 Dichlorodifluoromethane	10.0	9.11	91.1	61-142
3 Chlorodifluoromethane	10.0	9.58	95.8	60-147
4 1,2-Dichloro-1,1,2,2-te	10.0	9.05	90.5	71-141
5 Chloromethane	10.0	9.88	98.8	56-141
7 Butane	10.0	10.3	102.6	53-151
6 Vinyl chloride	10.0	9.24	92.4	61-135
8 Butadiene	10.0	9.08	90.8	58-139
9 Bromomethane	10.0	8.90	89.0	72-124
10 Chloroethane	10.0	9.44	94.4	68-130
12 2-Methylbutane	10.0	9.70	97.0	56-150
13 Vinyl bromide	10.0	8.89	88.9	75-125
14 Trichlorofluoromethane	10.0	8.78	87.9	70-129
15 Pentane	10.0	9.67	96.7	59-152
16 Ethanol	15.0	15.6	103.7	50-150
18 Ethyl ether	10.0	9.21	92.2	71-143
19 Acrolein	10.0	9.43	94.3	50-150
20 1,1-Dichloroethene	10.0	8.41	84.2	68-120
21 1,1,2-Trichloro-1,2,2-t	10.0	8.52	85.2	70-121
22 Acetone	10.0	10.2	102.0	54-154
23 Isopropyl alcohol	10.0	9.37	93.7	53-142
24 Carbon disulfide	10.0	9.10	91.0	71-138
25 Acetonitrile	10.0	8.87	88.7	60-154
26 3-Chloro-1-propene	10.0	9.56	95.6	50-150
27 Methylene Chloride	10.0	9.60	96.0	59-137
28 2-Methyl-2-propanol	10.0	9.60	96.0	66-132
29 Acrylonitrile	10.0	9.67	96.7	65-140
30 trans-1,2-Dichloroethen	10.0	9.40	94.0	69-137
31 Methyl tert-butyl ether	10.0	9.51	95.1	70-127
32 Hexane	10.0	9.30	93.1	63-138
S 35 1,2-Dichloroethene, Tot	20.0	17.7	88.5	73-126
33 1,1-Dichloroethane	10.0	8.89	88.9	66-130
34 Vinyl acetate	10.0	10.1	101.0	59-149
36 2-Butanone (MEK)	10.0	9.05	90.5	72-124
37 cis-1,2-Dichloroethene	10.0	8.29	82.9	72-121
38 Ethyl acetate	10.0	9.33	93.3	70-131
40 Tetrahydrofuran	10.0	9.89	99.0	60-149
41 Chloroform	10.0	9.01	90.2	73-124
42 1,1,1-Trichloroethane	10.0	8.90	89.0	72-127
43 Cyclohexane	10.0	8.93	89.3	76-124
44 Carbon tetrachloride	10.0	8.84	88.4	71-133

Preliminary Report

Sample Path: \\chromfs\Burlington\ChromData\CHAM.i\20240628-60975.b\60975_004.D

Compound	Amount Added	Amount Recovered	%Rec	Limits 1 Summa_C
45 Benzene	10.0	9.03	90.3	73-119
46 1,2-Dichloroethane	10.0	9.30	93.0	68-135
47 Isooctane	10.0	9.41	94.1	68-131
48 n-Heptane	10.0	9.64	96.4	60-142
50 n-Butanol	10.0	8.16	81.7	50-156
51 Trichloroethene	10.0	8.71	87.2	73-122
53 1,2-Dichloropropane	10.0	9.37	93.7	69-128
54 Methyl methacrylate	10.0	9.37	93.7	73-129
55 1,4-Dioxane	10.0	8.68	86.9	66-129
57 Dibromomethane	10.0	8.40	84.0	68-126
58 Dichlorobromomethane	10.0	9.17	91.7	75-127
59 cis-1,3-Dichloropropene	10.0	9.16	91.6	74-125
61 4-Methyl-2-pentanone (M	10.0	9.69	96.9	58-144
62 Toluene	10.0	9.23	92.3	75-122
64 n-Octane	10.0	9.71	97.1	62-144
66 trans-1,3-Dichloroprope	10.0	10.1	100.9	74-128
67 1,1,2-Trichloroethane	10.0	9.52	95.2	75-126
68 Tetrachloroethene	10.0	8.52	85.2	70-125
69 2-Hexanone	10.0	9.79	98.0	57-143
70 Chlorodibromomethane	10.0	9.12	91.3	73-125
71 Ethylene Dibromide	10.0	9.19	91.9	78-122
74 Chlorobenzene	10.0	9.05	90.5	76-119
75 Ethylbenzene	10.0	9.30	93.0	74-122
76 m-Xylene & p-Xylene	20.0	18.5	92.3	76-121
77 n-Nonane	10.0	9.82	98.2	70-131
S 80 Xylenes, Total	30.0	27.7	92.5	75-122
78 o-Xylene	10.0	9.28	92.8	73-123
79 Styrene	10.0	9.35	93.5	74-125
81 Bromoform	10.0	9.09	90.9	53-149
82 Isopropylbenzene	10.0	9.38	93.8	73-123
83 1,1,2,2-Tetrachloroetha	10.0	9.52	95.2	74-126
84 1,2,3-Trichloropropane	10.0	9.58	95.8	71-125
85 N-Propylbenzene	10.0	9.62	96.3	73-127
86 2-Chlorotoluene	10.0	9.38	93.8	74-126
87 4-Ethyltoluene	10.0	9.58	95.9	75-129
88 1,3,5-Trimethylbenzene	10.0	9.61	96.1	72-126
89 n-Decane	10.0	10.3	103.0	68-134
90 Alpha Methyl Styrene	10.0	9.26	92.6	71-132
91 tert-Butylbenzene	10.0	9.40	94.0	71-125
92 1,2,4-Trimethylbenzene	10.0	9.50	95.0	71-129
93 sec-Butylbenzene	10.0	9.67	96.7	70-128
94 1,3-Dichlorobenzene	10.0	9.02	90.2	69-131
95 4-Isopropyltoluene	10.0	9.39	93.9	68-130
96 1,4-Dichlorobenzene	10.0	9.10	91.1	67-132
97 Benzyl chloride	10.0	9.71	97.1	60-136
98 n-Butylbenzene	10.0	9.58	95.8	65-137

Preliminary Report

Sample Path: \\chromfs\Burlington\ChromData\CHAM.i\20240628-60975.b\60975_004.D

Compound	Amount Added	Amount Recovered	%Rec	Limits 1 _Summa_C
99 1,2-Dichlorobenzene	10.0	9.04	90.4	68-129
100 Undecane	10.0	9.86	98.7	62-136
101 Dodecane	10.0	9.23	92.4	50-150
102 1,2,4-Trichlorobenzene	10.0	8.16	81.6	50-150
103 Hexachlorobutadiene	10.0	8.35	83.6	58-130
104 Naphthalene	10.0	9.95	99.5	50-150
105 1,2,3-Trichlorobenzene	10.0	7.21	72.2	50-150

Samples for Limit Group: 1, Lims Prep Method: Air_Summa_Can

200-74115-A-3

200-74115-A-4

180-176160-A-1

200-74105-A-1

200-74105-A-2

200-74105-A-3

200-74105-A-4

200-74105-A-5

200-74124-A-1

200-74009-A-10

180-176297-A-1

180-176297-A-2

180-176297-A-3

180-176297-A-4

180-176297-A-5

Analyte	LCS %	LCSD %	RDP
Propene	106.6	99.7	3.34
Dichlorodifluoromethane	96.3	91.1	2.77
Chlorodifluoromethane	102	95.8	3.13
1,2-Dichloro-1,1,2,2-tetrafluoroethane	95.9	90.5	2.90
Chloromethane	105.1	98.8	3.09
Butane	112	102.6	4.38
Vinyl chloride	100.6	92.4	4.25
Butadiene	97.2	90.8	3.40
Bromomethane	93.9	89	2.68
Chloroethane	101.4	94.4	3.58
2-Methylbutane	103.2	97	3.10
Vinyl bromide	92.3	88.9	1.88
Trichlorofluoromethane	92.5	87.9	2.55
Pentane	106.9	96.7	5.01
Ethanol	112	103.7	3.85
Ethyl ether	101.7	92.2	4.90
Acrolein	103.8	94.3	4.80
1,1,2-Trichloro-1,2,2-trifluoroethane	93.9	85.5	4.68
1,1-Dichloroethene	92.1	84.2	4.48
Acetone	111.8	102	4.58
Isopropyl alcohol	109.3	93.7	7.68
Carbon disulfide	100.2	91	4.81
3-Chloro-1-propene	104.2	95.6	4.30
Acetonitrile	114.7	88.7	12.78
Methylene Chloride	106.4	96	5.14
2-Methyl-2-propanol	106.8	96	5.33
Methyl tert-butyl ether	102.3	95.1	3.65
trans-1,2-Dichloroethene	100	94	3.09
Acrylonitrile	102.3	96.7	2.81
Hexane	109.7	93.1	8.19
1,1-Dichloroethane	99	88.9	5.38
Vinyl acetate	112.9	101	5.56
2-Butanone (MEK)	100.8	90.5	5.38
Ethyl acetate	99.9	93.3	3.42
cis-1,2-Dichloroethene	92.4	82.9	5.42
Tetrahydrofuran	111	99	5.71
Chloroform	97.2	90.2	3.74
1,1,1-Trichloroethane	95.9	89	3.73
Cyclohexane	96.4	89.3	3.82
Carbon tetrachloride	94.7	88.4	3.44
Isooctane	101.7	94.1	3.88
Benzene	97.2	90.3	3.68
1,2-Dichloroethane	100.2	93	3.73

n-Heptane	104.1	96.4	3.84
n-Butanol	104.4	81.7	12.20
Trichloroethene	93.4	87.2	3.43
1,2-Dichloropropane	101	93.7	3.75
Methyl methacrylate	102.9	93.7	4.68
1,4-Dioxane	101.4	86.9	7.70
Dibromomethane	89.3	84	3.06
Dichlorobromomethane	98.6	91.7	3.63
cis-1,3-Dichloropropene	100	91.6	4.38
4-Methyl-2-pentanone (MIBK)	107.4	96.9	5.14
n-Octane	105.7	97.1	4.24
Toluene	98.9	92.3	3.45
trans-1,3-Dichloropropene	101	100.9	0.05
1,1,2-Trichloroethane	101.3	95.2	3.10
Tetrachloroethene	90.5	85.2	3.02
2-Hexanone	111.5	98	6.44
Chlorodibromomethane	98.8	91.3	3.95
Ethylene Dibromide	98.9	91.9	3.67
Chlorobenzene	96.7	90.5	3.31
Ethylbenzene	100.6	93	3.93
n-Nonane	106.1	98.2	3.87
m-Xylene & p-Xylene	99.5	92.3	3.75
o-Xylene	99.1	92.8	3.28
Styrene	101.3	93.5	4.00
Bromoform	100	90.9	4.77
Isopropylbenzene	100.7	93.8	3.55
1,1,2,2-Tetrachloroethane	104.6	95.2	4.70
N-Propylbenzene	104.1	96.3	3.89
1,2,3-Trichloropropane	105.1	95.8	4.63
n-Decane	111.3	103	3.87
4-Ethyltoluene	103.6	95.9	3.86
2-Chlorotoluene	101.5	93.8	3.94
1,3,5-Trimethylbenzene	103.4	96.1	3.66
Alpha Methyl Styrene	103.7	92.6	5.65
tert-Butylbenzene	101	94	3.59
1,2,4-Trimethylbenzene	103.4	95	4.23
sec-Butylbenzene	104.3	96.7	3.78
4-Isopropyltoluene	104.5	93.9	5.34
1,3-Dichlorobenzene	100.5	90.2	5.40
1,4-Dichlorobenzene	100.6	91.1	4.96
Benzyl chloride	113.6	97.1	7.83
Undecane	111.5	98.7	6.09
n-Butylbenzene	107.4	95.8	5.71
1,2-Dichlorobenzene	101.5	90.4	5.78

Dodecane	114.4	92.4	10.64
1,2,4-Trichlorobenzene	98.3	81.6	9.28
Hexachlorobutadiene	91.8	83.6	4.68
Naphthalene	131.2	99.5	13.74
1,2,3-Trichlorobenzene	98.1	72.2	15.21



ISO/IEC 17025



Analysis Report



1871092

ID ATTO15CALs_00050
Exp 03/21/25 Prep VTP
TO15 Calibration Source T

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Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

PAGE: 1 of 6
Report ID: 39140
Revision: 0

VTP 3/27/24

Sales#:	117495978	Cylinder Size:	152 (8" X 47.5")
Production#:	1603549	Cylinder # :	CC-524925
Report Date:	Mar-27-2024	Cylinder Pressure:	2000 psig
P.O.#:	75737466	Cylinder Valve:	CGA 350 / Steel
Blend Type:	ISO-17025	Cylinder Volume:	29.5 Liter
Material#:	24104980	Cylinder Material:	Aluminum
Traceability:	NIST by weight	Gas Volume:	4000 Liters
Expiration Date:	Mar-27-2025	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Method of Analysis:	GC-FID

Primary Reference Material intended for the calibration of gas analyzers or instrumentation. General instructions for proper use of gas mixtures are found in "ISO 16664: Gas analysis – handling of calibration gases and gas mixtures".

Contents under pressure, store in secure area and do not expose to temperatures greater than 150 °F.

Recommended Operating temperature within 32°F (0°C) and 125°F (52°C).

Recommended minimum sample size 10 mL.

Except where noted, results are reported in mole/mole ppm as determined by Gas Chromatography using qualified reference standards under ANA-50-741-ALP and ANA-50-742-ALP and meets ISO/IEC 17025 requirements. Every cylinder is analyzed and represents one unique lot.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor providing a level of confidence of 95% and has been carried out in accordance with ISO/IEC 17025 requirements.

This report is issued in accordance with the laboratory accreditation requirements of ANAB. It provides traceability of measurement to recognized national standards, and to units of measurement realized by the National Institute of Standards and Technology (NIST).

Linde Spectra Environmental Gases

Linde North America, Inc.

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www.lindeus.com



ISO/IEC 17025



Analysis Report

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Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

PAGE: 2 of 6
Report ID: 39140
Revision: 0

Sales#:	117495978	Cylinder Size:	152 (8" X 47.5")
Production#:	1603549	Cylinder # :	CC-524925
Report Date:	Mar-27-2024	Cylinder Pressure:	2000 psig
P.O.#:	75737466	Cylinder Valve:	CGA 350 / Steel
Blend Type:	ISO-17025	Cylinder Volume:	29.5 Liter
Material#:	24104980	Cylinder Material:	Aluminum
Traceability:	NIST by weight	Gas Volume:	4000 Liters
Expiration Date:	Mar-27-2025	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Method of Analysis:	GC-FID

<u>COMPONENT</u>	<u>CAS Number</u>	<u>Requested Conc</u>	<u>(k @ 95%)</u>	<u>Reported Conc</u>	<u>Uncertainty</u>
Propylene	115-07-1	1.000 ppm	2.571	1.066 ppm	± 0.050 ppm
Chlorodifluoromethane	75-45-6	1.000 ppm	2.571	1.065 ppm	± 0.044 ppm
Freon-12	75-71-8	1.000 ppm	2.571	1.048 ppm	± 0.033 ppm
Chloromethane	74-87-3	1.000 ppm	2.571	1.055 ppm	± 0.050 ppm
Freon-114	76-14-2	1.000 ppm	2.571	1.056 ppm	± 0.055 ppm
Vinyl Chloride	75-01-4	1.000 ppm	2.571	1.052 ppm	± 0.035 ppm
1,3-Butadiene	106-99-0	1.000 ppm	2.571	1.059 ppm	± 0.030 ppm
Methanol	67-56-1	1.000 ppm	2.571	1.213 ppm	± 0.034 ppm
n-Butane	106-97-8	1.000 ppm	2.571	1.051 ppm	± 0.021 ppm
Bromomethane	74-83-9	1.000 ppm	2.571	1.051 ppm	± 0.033 ppm
Chloroethane	75-00-3	1.000 ppm	2.571	1.046 ppm	± 0.028 ppm
Vinyl Bromide	593-60-2	1.000 ppm	2.571	1.058 ppm	± 0.028 ppm
Acetonitrile	75-05-8	1.000 ppm	2.571	1.101 ppm	± 0.036 ppm
Acrolein	107-02-8	1.000 ppm	2.571	1.171 ppm	± 0.038 ppm
Isopentane	78-78-4	1.000 ppm	2.571	1.060 ppm	± 0.038 ppm
Acetone	67-64-1	1.000 ppm	2.571	1.066 ppm	± 0.036 ppm
Freon-11	75-69-4	1.000 ppm	2.571	1.029 ppm	± 0.026 ppm
Isopropyl Alcohol	67-63-0	1.000 ppm	2.571	1.159 ppm	± 0.029 ppm
n-Pentane	109-66-0	1.000 ppm	2.571	1.057 ppm	± 0.026 ppm
Acrylonitrile	107-13-1	1.000 ppm	2.571	1.070 ppm	± 0.034 ppm
Ethyl Ether	60-29-7	1.000 ppm	2.571	1.059 ppm	± 0.043 ppm
1,1-Dichloroethene	75-35-4	1.000 ppm	2.571	1.087 ppm	± 0.034 ppm
Carbon Disulfide	75-15-0	1.000 ppm	2.571	1.083 ppm	± 0.034 ppm
Methylene Chloride	75-09-2	1.000 ppm	2.571	1.063 ppm	± 0.027 ppm
Tert-Butanol	75-65-0	1.000 ppm	2.571	1.084 ppm	± 0.027 ppm
3-Chloropropene	107-05-1	1.000 ppm	2.571	1.047 ppm	± 0.026 ppm
Freon-113	76-13-1	1.000 ppm	2.571	1.082 ppm	± 0.033 ppm

Linde Spectra Environmental Gases

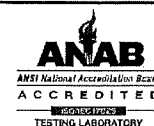
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ISO/IEC 17025



Analysis Report

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Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

PAGE: 3 of 6
Report ID: 39140
Revision: 0

Sales#:	117495978	Cylinder Size:	152 (8" X 47.5")
Production#:	1603549	Cylinder # :	CC-524925
Report Date:	Mar-27-2024	Cylinder Pressure:	2000 psig
P.O.#:	75737466	Cylinder Valve:	CGA 350 / Steel
Blend Type:	ISO-17025	Cylinder Volume:	29.5 Liter
Material#:	24104980	Cylinder Material:	Aluminum
Traceability:	NIST by weight	Gas Volume:	4000 Liters
Expiration Date:	Mar-27-2025	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Method of Analysis:	GC-FID

<u>COMPONENT</u>	<u>CAS Number</u>	<u>Requested Conc</u>	<u>(k @ 95%)</u>	<u>Reported Conc</u>	<u>Uncertainty</u>
Trans-1,2-Dichloroethene	156-60-5	1.000 ppm	2.571	1.035 ppm	± 0.034 ppm
1,1-Dichloroethane	75-34-3	1.000 ppm	2.571	1.042 ppm	± 0.042 ppm
Methyl Tert Butyl Ether	1634-04-4	1.000 ppm	2.571	1.050 ppm	± 0.031 ppm
Vinyl Acetate	108-05-4	1.000 ppm	2.571	1.139 ppm	± 0.030 ppm
Methyl Ethyl Ketone	78-93-3	1.000 ppm	2.571	1.060 ppm	± 0.023 ppm
Cis-1,2-Dichloroethene	156-59-2	1.000 ppm	2.571	1.081 ppm	± 0.042 ppm
Hexane	110-54-3	1.000 ppm	2.571	1.057 ppm	± 0.041 ppm
Chloroform	67-66-3	1.000 ppm	2.571	1.034 ppm	± 0.026 ppm
Ethyl Acetate	141-78-6	1.000 ppm	2.571	1.028 ppm	± 0.026 ppm
Tetrahydrofuran	109-99-9	1.000 ppm	2.571	1.058 ppm	± 0.025 ppm
1,2-Dichloroethane	107-06-2	1.000 ppm	2.571	1.037 ppm	± 0.032 ppm
1,1,1-Trichloroethane	71-55-6	1.000 ppm	2.571	1.040 ppm	± 0.034 ppm
Benzene	71-43-2	1.000 ppm	2.571	1.042 ppm	± 0.040 ppm
1-Butanol	71-36-3	1.000 ppm	2.571	1.092 ppm	± 0.027 ppm
Carbon Tetrachloride	56-23-5	1.000 ppm	2.571	1.045 ppm	± 0.026 ppm
Cyclohexane	110-82-7	1.000 ppm	2.571	1.058 ppm	± 0.032 ppm
Dibromomethane	74-95-3	1.000 ppm	2.571	1.044 ppm	± 0.026 ppm
1,2-Dichloropropane	78-87-5	1.000 ppm	2.571	1.052 ppm	± 0.026 ppm
Trichloroethylene	79-01-6	1.000 ppm	2.571	1.048 ppm	± 0.025 ppm
Bromodichloromethane	75-27-4	1.000 ppm	2.571	1.043 ppm	± 0.025 ppm
1,4-Dioxane	123-91-1	1.000 ppm	2.571	1.045 ppm	± 0.025 ppm
2,2,4-Trimethylpentane	540-84-1	1.000 ppm	2.571	1.044 ppm	± 0.025 ppm
Methyl Methacrylate	80-62-6	1.000 ppm	2.571	1.049 ppm	± 0.024 ppm
Heptane	142-82-5	1.000 ppm	2.571	1.048 ppm	± 0.024 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.000 ppm	2.571	1.056 ppm	± 0.028 ppm
Methyl Isobutyl Ketone	108-10-1	1.000 ppm	2.571	1.044 ppm	± 0.028 ppm
Methylcyclohexane	108-87-2	1.000 ppm	2.571	1.042 ppm	± 0.028 ppm

Linde Spectra Environmental Gases

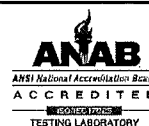
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Analysis Report

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30 Community Dr Ste 11
South Burlington, VT 05403

PAGE: 4 of 6
Report ID: 39140
Revision: 0

Sales#:	117495978	Cylinder Size:	152 (8" X 47.5")
Production#:	1603549	Cylinder # :	CC-524925
Report Date:	Mar-27-2024	Cylinder Pressure:	2000 psig
P.O.#:	75737466	Cylinder Valve:	CGA 350 / Steel
Blend Type:	ISO-17025	Cylinder Volume:	29.5 Liter
Material#:	24104980	Cylinder Material:	Aluminum
Traceability:	NIST by weight	Gas Volume:	4000 Liters
Expiration Date:	Mar-27-2025	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Method of Analysis:	GC-FID

<u>COMPONENT</u>	<u>CAS Number</u>	<u>Requested Conc</u>	<u>(k @ 95%)</u>	<u>Reported Conc</u>	<u>Uncertainty</u>
Trans-1,3-Dichloropropene	10061-02-6	1.000 ppm	2.571	1.053 ppm	± 0.026 ppm
1,1,2-Trichloroethane	79-00-5	1.000 ppm	2.571	1.046 ppm	± 0.023 ppm
Toluene	108-88-3	1.000 ppm	2.571	1.051 ppm	± 0.021 ppm
Methyl Butyl Ketone	591-78-6	1.000 ppm	2.571	1.057 ppm	± 0.024 ppm
Dibromochloromethane	124-48-1	1.000 ppm	2.571	1.052 ppm	± 0.023 ppm
1,2-Dibromoethane	106-93-4	1.000 ppm	2.571	1.049 ppm	± 0.023 ppm
n-Octane	111-65-9	1.000 ppm	2.571	1.056 ppm	± 0.027 ppm
Tetrachloroethylene	127-18-4	1.000 ppm	2.571	1.039 ppm	± 0.020 ppm
Chlorobenzene	108-90-7	1.000 ppm	2.571	1.051 ppm	± 0.023 ppm
Ethylbenzene	100-41-4	1.000 ppm	2.571	1.053 ppm	± 0.022 ppm
p-xylene	106-42-3	1.000 ppm	2.571	1.051 ppm	± 0.021 ppm
m-xylene	108-38-3	1.000 ppm	2.571	1.048 ppm	± 0.021 ppm
Bromoform	75-25-2	1.000 ppm	2.571	1.051 ppm	± 0.051 ppm
Styrene	100-42-5	1.000 ppm	2.571	1.056 ppm	± 0.023 ppm
o-xylene	95-47-6	1.000 ppm	2.571	1.051 ppm	± 0.022 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.000 ppm	2.571	1.051 ppm	± 0.022 ppm
1,2,3-Trichloropropane	96-18-4	1.000 ppm	2.571	1.065 ppm	± 0.031 ppm
Nonane	111-84-2	1.000 ppm	2.571	1.052 ppm	± 0.021 ppm
Cumene	98-82-8	1.000 ppm	2.571	1.057 ppm	± 0.024 ppm
2-Chlorotoluene	95-49-8	1.000 ppm	2.571	1.063 ppm	± 0.031 ppm
n-Propylbenzene	103-65-1	1.000 ppm	2.571	1.057 ppm	± 0.031 ppm
4-Ethyltoluene	622-96-8	1.000 ppm	2.571	1.052 ppm	± 0.039 ppm
1,3,5-Trimethylbenzene	108-67-8	1.000 ppm	2.571	1.053 ppm	± 0.045 ppm
alpha-Methyl Styrene	98-83-9	1.000 ppm	2.571	1.081 ppm	± 0.045 ppm
Tert-Butyl Benzene	98-06-6	1.000 ppm	2.571	1.062 ppm	± 0.048 ppm
1,2,4-Trimethylbenzene	95-63-6	1.000 ppm	2.571	1.069 ppm	± 0.048 ppm
1,3-Dichlorobenzene	541-73-1	1.000 ppm	2.571	1.086 ppm	± 0.050 ppm

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Analysis Report

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Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

PAGE: 5 of 6
Report ID: 39140
Revision: 0

Sales#:	117495978	Cylinder Size:	152 (8" X 47.5")
Production#:	1603549	Cylinder # :	CC-524925
Report Date:	Mar-27-2024	Cylinder Pressure:	2000 psig
P.O.#:	75737466	Cylinder Valve:	CGA 350 / Steel
Blend Type:	ISO-17025	Cylinder Volume:	29.5 Liter
Material#:	24104980	Cylinder Material:	Aluminum
Traceability:	NIST by weight	Gas Volume:	4000 Liters
Expiration Date:	Mar-27-2025	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Method of Analysis:	GC-FID

<u>COMPONENT</u>	<u>CAS Number</u>	<u>Requested Conc</u>	<u>(k @ 95%)</u>	<u>Reported Conc</u>	<u>Uncertainty</u>
Benzyl Chloride	100-44-7	1.000 ppm	2.571	1.078 ppm	± 0.049 ppm
n-Decane	124-18-5	1.000 ppm	2.571	1.080 ppm	± 0.049 ppm
1,4-Dichlorobenzene	106-46-7	1.000 ppm	2.571	1.087 ppm	± 0.048 ppm
Sec-Butyl Benzene	135-98-8	1.000 ppm	2.571	1.067 ppm	± 0.051 ppm
4-Isopropyltoluene	99-87-6	1.000 ppm	2.571	1.077 ppm	± 0.056 ppm
1,2-Dichlorobenzene	95-50-1	1.000 ppm	2.571	1.080 ppm	± 0.047 ppm
n-Butyl Benzene	104-51-8	1.000 ppm	2.571	1.092 ppm	± 0.059 ppm
n-Undecane	1120-21-4	1.000 ppm	2.571	1.074 ppm	± 0.058 ppm
1,2,4-Trichlorobenzene	120-82-1	1.000 ppm	2.571	1.173 ppm	± 0.068 ppm
Naphthalene	91-20-3	1.000 ppm	2.571	1.189 ppm	± 0.094 ppm
n-Dodecane	112-40-3	1.000 ppm	2.571	1.084 ppm	± 0.076 ppm

Linde Spectra Environmental Gases

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Linde North America, Inc.

80 Industrial Drive, Alpha, NJ 08865
Phone: +1.908.329-9700 FAX: +1.908.329-9740



ISO/IEC 17025



Analysis Report

SHIPPED TO:
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

PAGE: 6 of 6
Report ID: 39140
Revision: 0

Sales#:	117495978	Cylinder Size:	152 (8" X 47.5")
Production#:	1603549	Cylinder # :	CC-524925
Report Date:	Mar-27-2024	Cylinder Pressure:	2000 psig
P.O.#:	75737466	Cylinder Valve:	CGA 350 / Steel
Blend Type:	ISO-17025	Cylinder Volume:	29.5 Liter
Material#:	24104980	Cylinder Material:	Aluminum
Traceability:	NIST by weight	Gas Volume:	4000 Liters
Expiration Date:	Mar-27-2025	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Method of Analysis:	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
1,2,3-Trichlorobenzene	87-61-6	1.000 ppm	2.571	1.165 ppm	± 0.082 ppm
Hexachloro-1,3-Butadiene	87-68-3	1.000 ppm	2.571	1.124 ppm	± 0.064 ppm
Nitrogen	7727-37-9	Balance		Balance	

20% Blend Tolerance on Acetonitrile, Acrolein, Isopropyl Alcohol, Vinyl Acetate, Tert-Butanol, 1-Butanol, 1,2,4-Trichlorobenzene, Naphthalene, 1,2,3-Trichlorobenzene, alpha-Methylstyrene, Benzyl Chloride, and Hexachloro-1,3-Butadiene.

25% Blend Tolerance on Methanol.

No Stability Guarantee on Methanol.

ANALYST: Lou Lorenzetti

DATE: Mar-27-2024

Linde Spectra Environmental Gases

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Linde North America, Inc.

80 Industrial Drive, Alpha, NJ 08865
Phone: +1.908.329-9700 FAX: +1.908.329-9740

Reagent

ATTO15CISs_00012

THE LINDE GROUP

Linde

SHIPPED TO: Test America Inc.
30 Community Dr. Ste. 11
Suoth Burlington, VT 05403-6834

PAGE: 1 of 1

ANALYSIS REPORT

Sales#:	117424982	Cylinder Size:	152 (8" X 47.5")
Production#:	1543553	Cylinder #:	CC-106829
Report Date:	Sep-22-2021	Cylinder Pressure:	2000 psig
P.O.#:	74003137	Cylinder Valve:	CGA 350 / Steel
Blend Type:	QUALIFIED	Cylinder Volume:	29.5 Liter
Material#:	24088974	Cylinder Material:	Aluminum
Traceability:	NIST by weight	Gas Volume:	4000 Liters
Expiration Date:	Sep-22-2022 *	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Analytical Accuracy:	10% Relative

9/22/2025

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Bromochloromethane	74-97-5	100 ppb	96 ppb
1,4-Difluorobenzene	540-36-3	100 ppb	98 ppb
Chlorobenzene-d5	3114-55-4	100 ppb	94 ppb
4-Bromofluorobenzene	460-00-4	100 ppb	92 ppb
Nitrogen	7727-37-9	Balance	Balance



1552483

ID: ATTO15CISs_00012

Exp 09/22/25 Piped TPB Opn. 10/14/21
Internal Standard for Ins

* ISTD exp 5 years from
manufacturing date of 9/22/21

ANALYST:

Brian Bramkamp

DATE: Sep-22-2021

Method T015

Volatile Organic Compounds (GC/MS)
by Method T015

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 63156_003.D
 Lab ID: LCS 200-211470/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	9.97	100	61-142	
Freon 22	10.0	11.2	112	60-147	
1,2-Dichlorotetrafluoroethane	10.0	9.57	96	71-141	
Chloromethane	10.0	11.1	111	56-141	
n-Butane	10.0	11.0	110	53-151	
Vinyl chloride	10.0	8.62	86	61-135	
1,3-Butadiene	10.0	8.87	89	58-139	
Bromomethane	10.0	8.61	86	72-124	
Chloroethane	10.0	9.51	95	68-130	
Bromoethene (Vinyl Bromide)	10.0	8.28	83	75-125	
Trichlorofluoromethane	10.0	8.89	89	70-129	
Freon TF	10.0	8.55	85	70-121	
1,1-Dichloroethene	10.0	7.88	79	68-120	
Acetone	10.0	11.7	117	54-154	
Isopropyl alcohol	10.0	13.1	131	53-142	
Carbon disulfide	10.0	9.33	93	71-138	
3-Chloropropene	10.0	10.7	107	50-150	
Methylene Chloride	10.0	10.7	107	59-137	
tert-Butyl alcohol	10.0	10.5	105	66-132	
Methyl tert-butyl ether	10.0	9.48	95	70-127	
trans-1,2-Dichloroethene	10.0	9.46	95	69-137	
n-Hexane	10.0	9.78	98	63-138	
1,1-Dichloroethane	10.0	9.51	95	66-130	
Methyl Ethyl Ketone (2-Butanone)	10.0	9.48	95	72-124	
cis-1,2-Dichloroethene	10.0	8.32	83	72-121	
Chloroform	10.0	9.30	93	73-124	
Tetrahydrofuran	10.0	11.3	113	60-149	
1,1,1-Trichloroethane	10.0	9.04	90	72-127	
Cyclohexane	10.0	8.82	88	76-124	
Carbon tetrachloride	10.0	8.46	85	71-133	
2,2,4-Trimethylpentane	10.0	9.85	98	68-131	
Benzene	10.0	8.99	90	73-119	
1,2-Dichloroethane	10.0	10.0	100	68-135	
n-Heptane	10.0	10.5	105	60-142	
Trichloroethene	10.0	8.47	85	73-122	
Methyl methacrylate	10.0	9.51	95	73-129	
1,2-Dichloropropane	10.0	9.60	96	69-128	
1,4-Dioxane	10.0	9.06	91	66-129	
Bromodichloromethane	10.0	9.30	93	75-127	
cis-1,3-Dichloropropene	10.0	9.32	93	74-125	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 63156_003.D
 Lab ID: LCS 200-211470/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10.0	11.1	111	58-144	
Toluene	10.0	8.61	86	75-122	
trans-1,3-Dichloropropene	10.0	9.42	94	74-128	
1,1,2-Trichloroethane	10.0	8.99	90	75-126	
Tetrachloroethene	10.0	7.43	74	70-125	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.9	109	57-143	
Dibromochloromethane	10.0	8.32	83	73-125	
1,2-Dibromoethane	10.0	8.53	85	78-122	
Chlorobenzene	10.0	8.31	83	76-119	
Ethylbenzene	10.0	8.93	89	74-122	
m,p-Xylene	20.0	17.0	85	76-121	
o-Xylene	10.0	8.49	85	73-123	
Styrene	10.0	8.53	85	74-125	
Bromoform	10.0	7.95	80	53-149	
Cumene	10.0	8.72	87	73-123	
1,1,2,2-Tetrachloroethane	10.0	9.10	91	74-126	
n-Propylbenzene	10.0	9.18	92	73-127	
4-Ethyltoluene	10.0	8.89	89	75-129	
1,3,5-Trimethylbenzene	10.0	8.84	88	72-126	
2-Chlorotoluene	10.0	9.11	91	74-126	
tert-Butylbenzene	10.0	8.72	87	71-125	
1,2,4-Trimethylbenzene	10.0	8.99	90	71-129	
sec-Butylbenzene	10.0	9.19	92	70-128	
4-Isopropyltoluene	10.0	8.84	88	68-130	
1,3-Dichlorobenzene	10.0	8.31	83	69-131	
1,4-Dichlorobenzene	10.0	8.41	84	67-132	
Benzyl chloride	10.0	9.40	94	60-136	
n-Butylbenzene	10.0	9.64	96	65-137	
1,2-Dichlorobenzene	10.0	8.39	84	68-129	
1,2,4-Trichlorobenzene	10.0	10.3	103	50-150	
Hexachlorobutadiene	10.0	8.68	87	58-130	
Naphthalene	10.0	12.4	124	50-150	

Column to be used to flag recovery and RPD values
 FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76025-1
SDG No.: _____
Lab File ID: 63156_005.D Lab Sample ID: MB 200-211470/5
Matrix: Air Heated Purge: (Y/N) N
Instrument ID: CHAN.i Date Analyzed: 11/27/2024 10:33
GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-211470/3	63156_003.D	11/27/2024 08:50
TB_20241126	200-76025-5	63156_013.D	11/27/2024 17:26
SVE-INF_20241126	200-76025-1	63156_015.D	11/27/2024 19:09
SVE-INT_20241126	200-76025-2	63156_018.D	11/27/2024 21:45
SVE-EFF_20241126	200-76025-3	63156_020.D	11/27/2024 23:28
SVE-X_20241126	200-76025-4	63156_022.D	11/28/2024 01:11

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington Job No.: 200-76025-1
SDG No.: _____
Lab File ID: 63017_001.D BFB Injection Date: 11/17/2024
Instrument ID: CHAN.i BFB Injection Time: 12:31
Analysis Batch No.: 211118

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	16.7
75	30.0 - 66.0% of mass 95	45.8
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	76.6
175	4.0 - 9.0 % of mass 174	6.0 (7.9) 1
176	93.0 - 101.0% of mass 174	74.4 (97.1) 1
177	5.0 - 9.0% of mass 176	5.0 (6.7) 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 200-211118/4	63017_004.D	11/17/2024	15:08
	IC 200-211118/5	63017_005.D	11/17/2024	16:00
	IC 200-211118/6	63017_006.D	11/17/2024	16:52
	IC 200-211118/7	63017_007.D	11/17/2024	17:43
	ICIS 200-211118/8	63017_008.D	11/17/2024	18:35
	IC 200-211118/10	63017_010.D	11/17/2024	20:18
	IC 200-211118/12	63017_012.D	11/17/2024	22:01
	IC 200-211118/13	63017_013.D	11/17/2024	22:53
	ICV 200-211118/21	63017_021.D	11/18/2024	8:32

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington Job No.: 200-76025-1
SDG No.: _____
Lab File ID: 63156_001.D BFB Injection Date: 11/27/2024
Instrument ID: CHAN.i BFB Injection Time: 07:11
Analysis Batch No.: 211470

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	20.7
75	30.0 - 66.0% of mass 95	50.9
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 120.0% of mass 95	71.1
175	4.0 - 9.0 % of mass 174	5.8 (8.1) 1
176	93.0 - 101.0% of mass 174	69.3 (97.5) 1
177	5.0 - 9.0% of mass 176	4.6 (6.7) 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 200-211470/2	63156_002.D	11/27/2024	7:59
	LCS 200-211470/3	63156_003.D	11/27/2024	8:50
	MB 200-211470/5	63156_005.D	11/27/2024	10:33
TB_20241126	200-76025-5	63156_013.D	11/27/2024	17:26
SVE-INF_20241126	200-76025-1	63156_015.D	11/27/2024	19:09
SVE-INT_20241126	200-76025-2	63156_018.D	11/27/2024	21:45
SVE-EFF_20241126	200-76025-3	63156_020.D	11/27/2024	23:28
SVE-X_20241126	200-76025-4	63156_022.D	11/28/2024	1:11

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Sample No.: ICIS 200-211118/8 Date Analyzed: 11/17/2024 18:35
 Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 63017_008.D Heated Purge: (Y/N) N
 Calibration ID: 53921

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		541262	11.56	2597401	13.40	2333914	18.87
UPPER LIMIT		757767	11.89	3636361	13.73	3267480	19.20
LOWER LIMIT		324757	11.23	1558441	13.07	1400348	18.54
LAB SAMPLE ID		CLIENT SAMPLE ID					
ICV 200-211118/21		757290	11.56	3625585	13.41	3150203	18.87

BCM = Bromochloromethane
 DFBZ = 1,4-Difluorobenzene
 CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 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 Burlington Job No.: 200-76025-1
 SDG No.: _____
 Sample No.: CCVIS 200-211470/2 Date Analyzed: 11/27/2024 07:59
 Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 63156_002.D Heated Purge: (Y/N) N
 Calibration ID: 53921

		BCM		DFBZ		CBNzd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		486940	11.55	2395698	13.40	2197172	18.87
UPPER LIMIT		681716	11.88	3353977	13.73	3076041	19.20
LOWER LIMIT		292164	11.22	1437419	13.07	1318303	18.54
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-211470/3		538060	11.56	2625348	13.40	2350129	18.87
MB 200-211470/5		499321	11.56	2464682	13.40	2127634	18.87
200-76025-5	TB_20241126	491017	11.56	2394512	13.40	2124871	18.87
200-76025-1	SVE-INF_20241126	493534	11.56	2381428	13.40	2111328	18.87
200-76025-2	SVE-INT_20241126	436749	11.56	2136929	13.40	1917594	18.87
200-76025-3	SVE-EFF_20241126	458724	11.56	2252831	13.40	2010829	18.87
200-76025-4	SVE-X_20241126	475151	11.56	2321010	13.40	2073449	18.87

BCM = Bromochloromethane
 DFBZ = 1,4-Difluorobenzene
 CBNzd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = $\pm$ 0.33 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 Burlington Job No.: 200-76025-1

SDG No.: _____

Client Sample ID: SVE-INF_20241126 Lab Sample ID: 200-76025-1

Matrix: Air Lab File ID: 63156_015.D

Analysis Method: TO-15 Date Collected: 11/26/2024 12:30

Sample wt/vol: 5(mL) Date Analyzed: 11/27/2024 19:09

Soil Aliquot Vol: _____ Dilution Factor: 40

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 211470 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	20	U	20	4.4
75-45-6	Freon 22	86.47	20	U	20	4.8
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	8.0	U	8.0	1.9
74-87-3	Chloromethane	50.49	20	U	20	6.0
106-97-8	n-Butane	58.12	20	U	20	8.0
75-01-4	Vinyl chloride	62.50	3.1	U	3.1	0.84
106-99-0	1,3-Butadiene	54.09	8.0	U	8.0	1.6
74-83-9	Bromomethane	94.94	8.0	U	8.0	2.8
75-00-3	Chloroethane	64.52	20	U	20	7.2
593-60-2	Bromoethene (Vinyl Bromide)	106.96	8.0	U	8.0	2.0
75-69-4	Trichlorofluoromethane	137.37	8.0	U	8.0	2.0
76-13-1	Freon TF	187.38	8.0	U	8.0	2.1
75-35-4	1,1-Dichloroethene	96.94	1.4	U	1.4	1.0
67-64-1	Acetone	58.08	200	U	200	64
67-63-0	Isopropyl alcohol	60.10	200	U	200	64
75-15-0	Carbon disulfide	76.14	20	U	20	5.2
107-05-1	3-Chloropropene	76.53	20	U	20	4.8
75-09-2	Methylene Chloride	84.93	20	U	20	7.2
75-65-0	tert-Butyl alcohol	74.12	200	U	200	48
1634-04-4	Methyl tert-butyl ether	88.15	8.0	U	8.0	1.4
156-60-5	trans-1,2-Dichloroethene	96.94	8.0	U	8.0	0.92
110-54-3	n-Hexane	86.17	20	U	20	4.4
75-34-3	1,1-Dichloroethane	98.96	8.0	U	8.0	1.0
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	20	U	20	20
156-59-2	cis-1,2-Dichloroethene	96.94	3.8		2.0	0.84
540-59-0	1,2-Dichloroethene, Total	96.94	3.8	J	16	0.84
67-66-3	Chloroform	119.38	4.2	J	8.0	1.6
109-99-9	Tetrahydrofuran	72.11	200	U	200	52
71-55-6	1,1,1-Trichloroethane	133.41	8.0	U	8.0	1.8
110-82-7	Cyclohexane	84.16	8.0	U	8.0	2.3

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Client Sample ID: SVE-INF_20241126 Lab Sample ID: 200-76025-1

Matrix: Air Lab File ID: 63156_015.D

Analysis Method: TO-15 Date Collected: 11/26/2024 12:30

Sample wt/vol: 5(mL) Date Analyzed: 11/27/2024 19:09

Soil Aliquot Vol: _____ Dilution Factor: 40

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 211470 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	1.4	U	1.4	0.88
540-84-1	2,2,4-Trimethylpentane	114.23	8.0	U	8.0	1.5
71-43-2	Benzene	78.11	8.0	U	8.0	1.8
107-06-2	1,2-Dichloroethane	98.96	8.0	U	8.0	3.7
142-82-5	n-Heptane	100.21	8.0	U	8.0	2.2
79-01-6	Trichloroethene	131.39	2.6		1.4	1.0
80-62-6	Methyl methacrylate	100.12	20	U	20	5.6
78-87-5	1,2-Dichloropropane	112.99	8.0	U	8.0	3.8
123-91-1	1,4-Dioxane	88.11	200	U	200	3.3
75-27-4	Bromodichloromethane	163.83	8.0	U	8.0	2.0
10061-01-5	cis-1,3-Dichloropropene	110.97	8.0	U	8.0	1.8
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	20	U	20	5.2
108-88-3	Toluene	92.14	8.0	U	8.0	2.5
10061-02-6	trans-1,3-Dichloropropene	110.97	8.0	U	8.0	2.2
79-00-5	1,1,2-Trichloroethane	133.41	8.0	U	8.0	3.0
127-18-4	Tetrachloroethene	165.83	500		8.0	0.84
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	20	U	20	6.0
124-48-1	Dibromochloromethane	208.28	8.0	U	8.0	2.5
106-93-4	1,2-Dibromoethane	187.87	8.0	U	8.0	1.7
108-90-7	Chlorobenzene	112.56	8.0	U	8.0	1.8
100-41-4	Ethylbenzene	106.17	8.0	U	8.0	2.8
179601-23-1	m,p-Xylene	106.17	20	U	20	3.8
95-47-6	o-Xylene	106.17	8.0	U	8.0	2.5
1330-20-7	Xylene (total)	106.17	28	U	28	2.1
100-42-5	Styrene	104.15	8.0	U	8.0	2.4
75-25-2	Bromoform	252.75	8.0	U	8.0	4.8
98-82-8	Cumene	120.19	8.0	U	8.0	1.6
79-34-5	1,1,2,2-Tetrachloroethane	167.85	8.0	U	8.0	1.7
103-65-1	n-Propylbenzene	120.19	8.0	U	8.0	1.9
622-96-8	4-Ethyltoluene	120.20	8.0	U	8.0	2.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-INF_20241126 Lab Sample ID: 200-76025-1
 Matrix: Air Lab File ID: 63156_015.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 12:30
 Sample wt/vol: 5 (mL) Date Analyzed: 11/27/2024 19:09
 Soil Aliquot Vol: _____ Dilution Factor: 40
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	8.0	U	8.0	1.9
95-49-8	2-Chlorotoluene	126.59	8.0	U	8.0	1.8
98-06-6	tert-Butylbenzene	134.22	8.0	U	8.0	1.9
95-63-6	1,2,4-Trimethylbenzene	120.20	8.0	U	8.0	3.2
135-98-8	sec-Butylbenzene	134.22	8.0	U	8.0	1.8
99-87-6	4-Isopropyltoluene	134.22	8.0	U	8.0	2.4
541-73-1	1,3-Dichlorobenzene	147.00	8.0	U	8.0	3.0
106-46-7	1,4-Dichlorobenzene	147.00	8.0	U	8.0	3.6
100-44-7	Benzyl chloride	126.58	8.0	U	8.0	3.5
104-51-8	n-Butylbenzene	134.22	8.0	U	8.0	4.4
95-50-1	1,2-Dichlorobenzene	147.00	8.0	U	8.0	2.6
120-82-1	1,2,4-Trichlorobenzene	181.45	20	U	20	13
87-68-3	Hexachlorobutadiene	260.76	8.0	U	8.0	4.4
91-20-3	Naphthalene	128.17	20	U	20	12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-INF_20241126 Lab Sample ID: 200-76025-1
 Matrix: Air Lab File ID: 63156_015.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 12:30
 Sample wt/vol: 5(mL) Date Analyzed: 11/27/2024 19:09
 Soil Aliquot Vol: _____ Dilution Factor: 40
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ug/m3
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	99	U	99	22
75-45-6	Freon 22	86.47	71	U	71	17
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	56	U	56	13
74-87-3	Chloromethane	50.49	41	U	41	12
106-97-8	n-Butane	58.12	48	U	48	19
75-01-4	Vinyl chloride	62.50	8.0	U	8.0	2.1
106-99-0	1,3-Butadiene	54.09	18	U	18	3.5
74-83-9	Bromomethane	94.94	31	U	31	11
75-00-3	Chloroethane	64.52	53	U	53	19
593-60-2	Bromoethene (Vinyl Bromide)	106.96	35	U	35	8.7
75-69-4	Trichlorofluoromethane	137.37	45	U	45	11
76-13-1	Freon TF	187.38	61	U	61	16
75-35-4	1,1-Dichloroethene	96.94	5.6	U	5.6	4.1
67-64-1	Acetone	58.08	480	U	480	150
67-63-0	Isopropyl alcohol	60.10	490	U	490	160
75-15-0	Carbon disulfide	76.14	62	U	62	16
107-05-1	3-Chloropropene	76.53	63	U	63	15
75-09-2	Methylene Chloride	84.93	69	U	69	25
75-65-0	tert-Butyl alcohol	74.12	610	U	610	150
1634-04-4	Methyl tert-butyl ether	88.15	29	U	29	5.2
156-60-5	trans-1,2-Dichloroethene	96.94	32	U	32	3.6
110-54-3	n-Hexane	86.17	70	U	70	16
75-34-3	1,1-Dichloroethane	98.96	32	U	32	4.0
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	59	U	59	58
156-59-2	cis-1,2-Dichloroethene	96.94	15		8.0	3.3
540-59-0	1,2-Dichloroethene, Total	96.94	15	J	63	3.3
67-66-3	Chloroform	119.38	20	J	39	8.0
109-99-9	Tetrahydrofuran	72.11	590	U	590	150
71-55-6	1,1,1-Trichloroethane	133.41	44	U	44	9.6
110-82-7	Cyclohexane	84.16	28	U	28	8.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Client Sample ID: SVE-INF_20241126 Lab Sample ID: 200-76025-1

Matrix: Air Lab File ID: 63156_015.D

Analysis Method: TO-15 Date Collected: 11/26/2024 12:30

Sample wt/vol: 5(mL) Date Analyzed: 11/27/2024 19:09

Soil Aliquot Vol: _____ Dilution Factor: 40

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 211470 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	8.8	U	8.8	5.5
540-84-1	2,2,4-Trimethylpentane	114.23	37	U	37	7.1
71-43-2	Benzene	78.11	26	U	26	5.6
107-06-2	1,2-Dichloroethane	98.96	32	U	32	15
142-82-5	n-Heptane	100.21	33	U	33	9.0
79-01-6	Trichloroethene	131.39	14		7.5	5.4
80-62-6	Methyl methacrylate	100.12	82	U	82	23
78-87-5	1,2-Dichloropropane	112.99	37	U	37	17
123-91-1	1,4-Dioxane	88.11	720	U	720	12
75-27-4	Bromodichloromethane	163.83	54	U	54	13
10061-01-5	cis-1,3-Dichloropropene	110.97	36	U	36	8.2
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	82	U	82	21
108-88-3	Toluene	92.14	30	U	30	9.3
10061-02-6	trans-1,3-Dichloropropene	110.97	36	U	36	9.8
79-00-5	1,1,2-Trichloroethane	133.41	44	U	44	16
127-18-4	Tetrachloroethene	165.83	3400		54	5.7
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	82	U	82	25
124-48-1	Dibromochloromethane	208.28	68	U	68	21
106-93-4	1,2-Dibromoethane	187.87	61	U	61	13
108-90-7	Chlorobenzene	112.56	37	U	37	8.1
100-41-4	Ethylbenzene	106.17	35	U	35	12
179601-23-1	m,p-Xylene	106.17	87	U	87	17
95-47-6	o-Xylene	106.17	35	U	35	11
1330-20-7	Xylene (total)	106.17	120	U	120	9.0
100-42-5	Styrene	104.15	34	U	34	10
75-25-2	Bromoform	252.75	83	U	83	50
98-82-8	Cumene	120.19	39	U	39	8.1
79-34-5	1,1,2,2-Tetrachloroethane	167.85	55	U	55	12
103-65-1	n-Propylbenzene	120.19	39	U	39	9.2
622-96-8	4-Ethyltoluene	120.20	39	U	39	9.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-INF_20241126 Lab Sample ID: 200-76025-1
 Matrix: Air Lab File ID: 63156_015.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 12:30
 Sample wt/vol: 5 (mL) Date Analyzed: 11/27/2024 19:09
 Soil Aliquot Vol: _____ Dilution Factor: 40
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ug/m3
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	39	U	39	9.2
95-49-8	2-Chlorotoluene	126.59	41	U	41	9.5
98-06-6	tert-Butylbenzene	134.22	44	U	44	10
95-63-6	1,2,4-Trimethylbenzene	120.20	39	U	39	16
135-98-8	sec-Butylbenzene	134.22	44	U	44	9.9
99-87-6	4-Isopropyltoluene	134.22	44	U	44	13
541-73-1	1,3-Dichlorobenzene	147.00	48	U	48	18
106-46-7	1,4-Dichlorobenzene	147.00	48	U	48	21
100-44-7	Benzyl chloride	126.58	41	U	41	18
104-51-8	n-Butylbenzene	134.22	44	U	44	24
95-50-1	1,2-Dichlorobenzene	147.00	48	U	48	16
120-82-1	1,2,4-Trichlorobenzene	181.45	150	U	150	98
87-68-3	Hexachlorobutadiene	260.76	85	U	85	47
91-20-3	Naphthalene	128.17	100	U	100	63

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_015.D
 Lims ID: 200-76025-A-1
 Client ID: SVE-INF_20241126
 Sample Type: Client
 Inject. Date: 27-Nov-2024 19:09:59 ALS Bottle#: 15 Worklist Smp#: 15
 Purge Vol: 200.000 mL Dil. Factor: 40.0000
 Sample Info: 200-0063156-015
 Operator ID: wrd Instrument ID: CHAN.i
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 28-Nov-2024 13:10:56 Calib Date: 17-Nov-2024 22:53:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: YWL8

Date: 28-Nov-2024 13:10:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85		4.455				ND	7
3 Chlorodifluoromethane	51		4.497				ND	MU
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.818				ND	
5 Chloromethane	50		4.936				ND	
6 Vinyl chloride	62		5.230				ND	
7 Butane	43		5.236				ND	7
8 Butadiene	54		5.348				ND	7
9 Bromomethane	94		6.070				ND	
10 Chloroethane	64		6.343				ND	
13 Vinyl bromide	106		6.760				ND	
14 Trichlorofluoromethane	101		6.926				ND	7
20 1,1-Dichloroethene	96		7.980				ND	7
21 1,1,2-Trichloro-1,2,2-trifluoro	101		8.023				ND	
22 Acetone	43		8.044				ND	7
23 Isopropyl alcohol	45	8.365	8.337	0.032	99	14881	0.1419	
24 Carbon disulfide	76	8.387	8.391	0.000	98	4895	0.0234	
26 3-Chloro-1-propene	41		8.670				ND	7
27 Methylene Chloride	49		8.895				ND	7
28 2-Methyl-2-propanol	59		9.098				ND	
30 trans-1,2-Dichloroethene	61		9.398				ND	
31 Methyl tert-butyl ether	73		9.403				ND	7
32 Hexane	57		9.917				ND	7
33 1,1-Dichloroethane	63		10.157				ND	
S 35 1,2-Dichloroethene, Total	61				0		0.0948	
36 2-Butanone (MEK)	72		11.115				ND	
37 cis-1,2-Dichloroethene	96	11.158	11.158	0.006	95	7919	0.0948	M
* 39 Chlorobromomethane	128	11.559	11.554	0.005	98	493534	10.0	
40 Tetrahydrofuran	42		11.602				ND	7
41 Chloroform	83	11.736	11.741	0.000	97	15197	0.1046	
42 1,1,1-Trichloroethane	97		12.046				ND	
43 Cyclohexane	84		12.196				ND	
44 Carbon tetrachloride	117		12.329				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Benzene	78		12.672				ND	7
46 1,2-Dichloroethane	62		12.736				ND	
47 Isooctane	57		12.897				ND	
48 n-Heptane	43		13.207				ND	7
* 49 1,4-Difluorobenzene	114	13.399	13.399	0.000	96	2381428	10.0	
51 Trichloroethene	95	13.833	13.838	-0.005	93	6609	0.0640	
53 1,2-Dichloropropane	63		14.282				ND	
54 Methyl methacrylate	69		14.373				ND	
55 1,4-Dioxane	88		14.411				ND	
58 Dichlorobromomethane	83		14.748				ND	
59 cis-1,3-Dichloropropene	75		15.550				ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.807				ND	7
62 Toluene	92	16.203	16.197	0.006	93	5737	0.0346	
66 trans-1,3-Dichloropropene	75		16.599				ND	
67 1,1,2-Trichloroethane	83		16.973				ND	MU
68 Tetrachloroethene	166	17.192	17.193	0.000	94	1608091	12.4	
69 2-Hexanone	43		17.385				ND	7
70 Chlorodibromomethane	129		17.711				ND	
71 Ethylene Dibromide	107		17.952				ND	
* 73 Chlorobenzene-d5	117	18.867	18.867	0.000	89	2111328	10.0	
74 Chlorobenzene	112		18.926				ND	
75 Ethylbenzene	91		19.124				ND	
76 m-Xylene & p-Xylene	106		19.380				ND	
S 80 Xylenes, Total	106		20.100				ND	7
78 o-Xylene	106		20.156				ND	
79 Styrene	104		20.188				ND	
81 Bromoform	173		20.525				ND	
82 Isopropylbenzene	105		20.841				ND	7
83 1,1,2,2-Tetrachloroethane	83		21.344				ND	7
85 N-Propylbenzene	91		21.552				ND	
86 2-Chlorotoluene	91		21.697				ND	
87 4-Ethyltoluene	105		21.750				ND	
88 1,3,5-Trimethylbenzene	105		21.841				ND	
91 tert-Butylbenzene	119		22.323				ND	7
92 1,2,4-Trimethylbenzene	105		22.408				ND	7
93 sec-Butylbenzene	105		22.644				ND	7
94 1,3-Dichlorobenzene	146		22.815				ND	7
95 4-Isopropyltoluene	119		22.858				ND	
96 1,4-Dichlorobenzene	146		22.954				ND	7
97 Benzyl chloride	91		23.099				ND	
98 n-Butylbenzene	91		23.414				ND	
99 1,2-Dichlorobenzene	146		23.446				ND	
102 1,2,4-Trichlorobenzene	180		25.891				ND	
103 Hexachlorobutadiene	225		26.148				ND	
104 Naphthalene	128		26.373				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

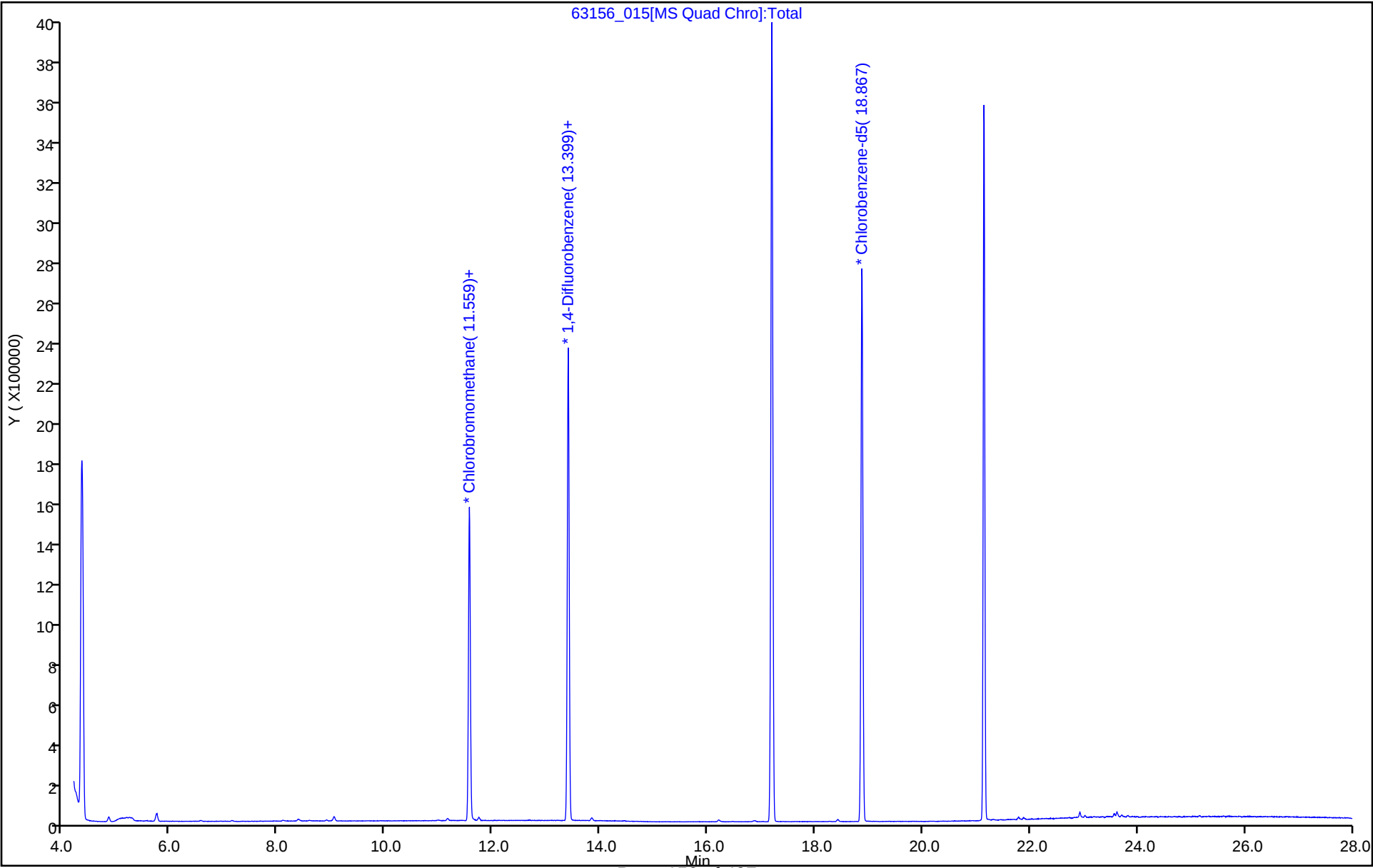
Reagents:

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_015.D

Injection Date: 27-Nov-2024 19:09:59

Instrument ID: CHAN.i

Lims ID: 200-76025-A-1

Lab Sample ID: 200-76025-1

Client ID: SVE-INF_20241126

Operator ID: wrd

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 200.000 mL

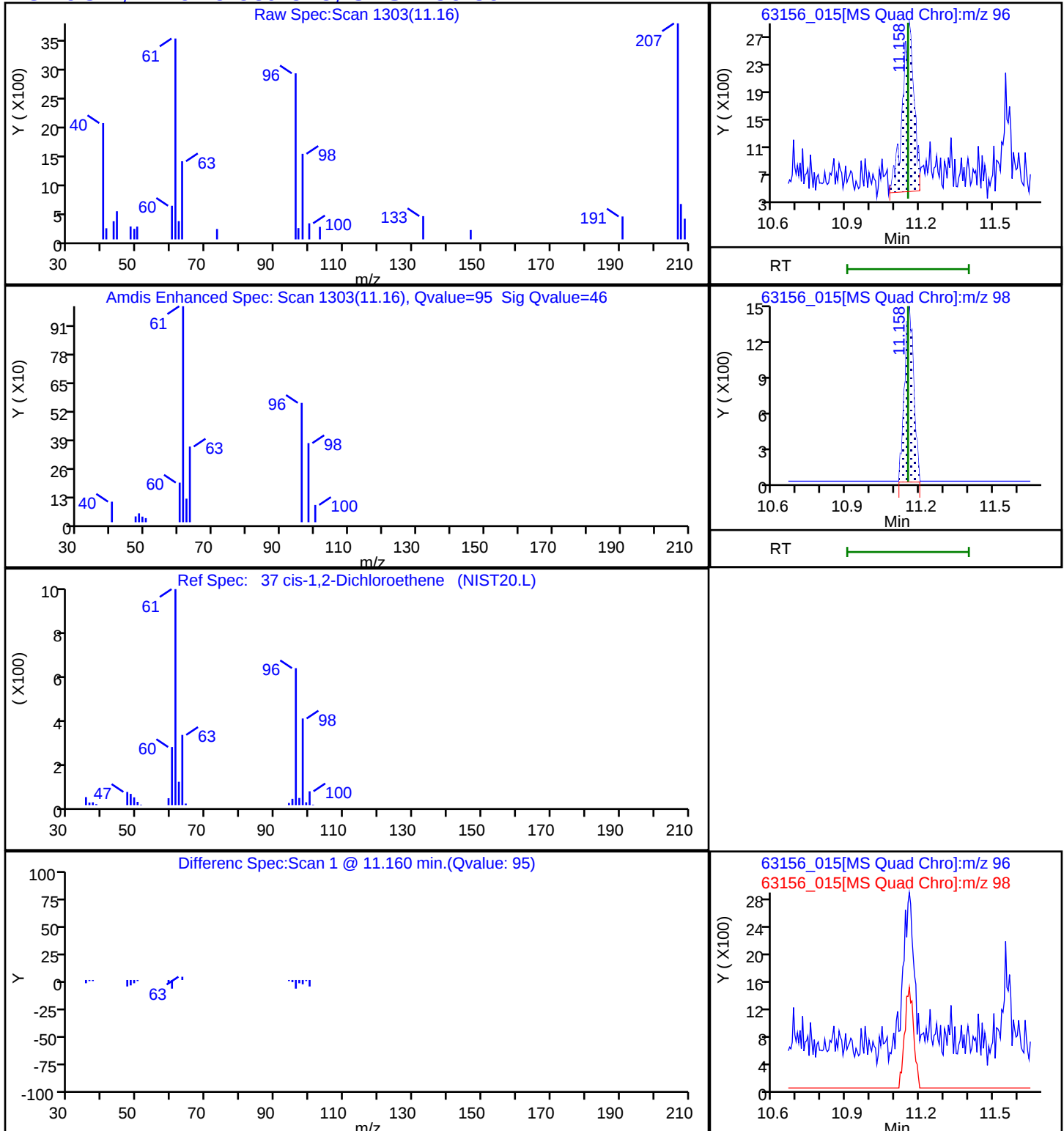
Dil. Factor: 40.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

37 cis-1,2-Dichloroethene, CAS: 156-59-2

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_015.D

Injection Date: 27-Nov-2024 19:09:59

Instrument ID: CHAN.i

Lims ID: 200-76025-A-1

Lab Sample ID: 200-76025-1

Client ID: SVE-INF_20241126

Operator ID: wrd

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 200.000 mL

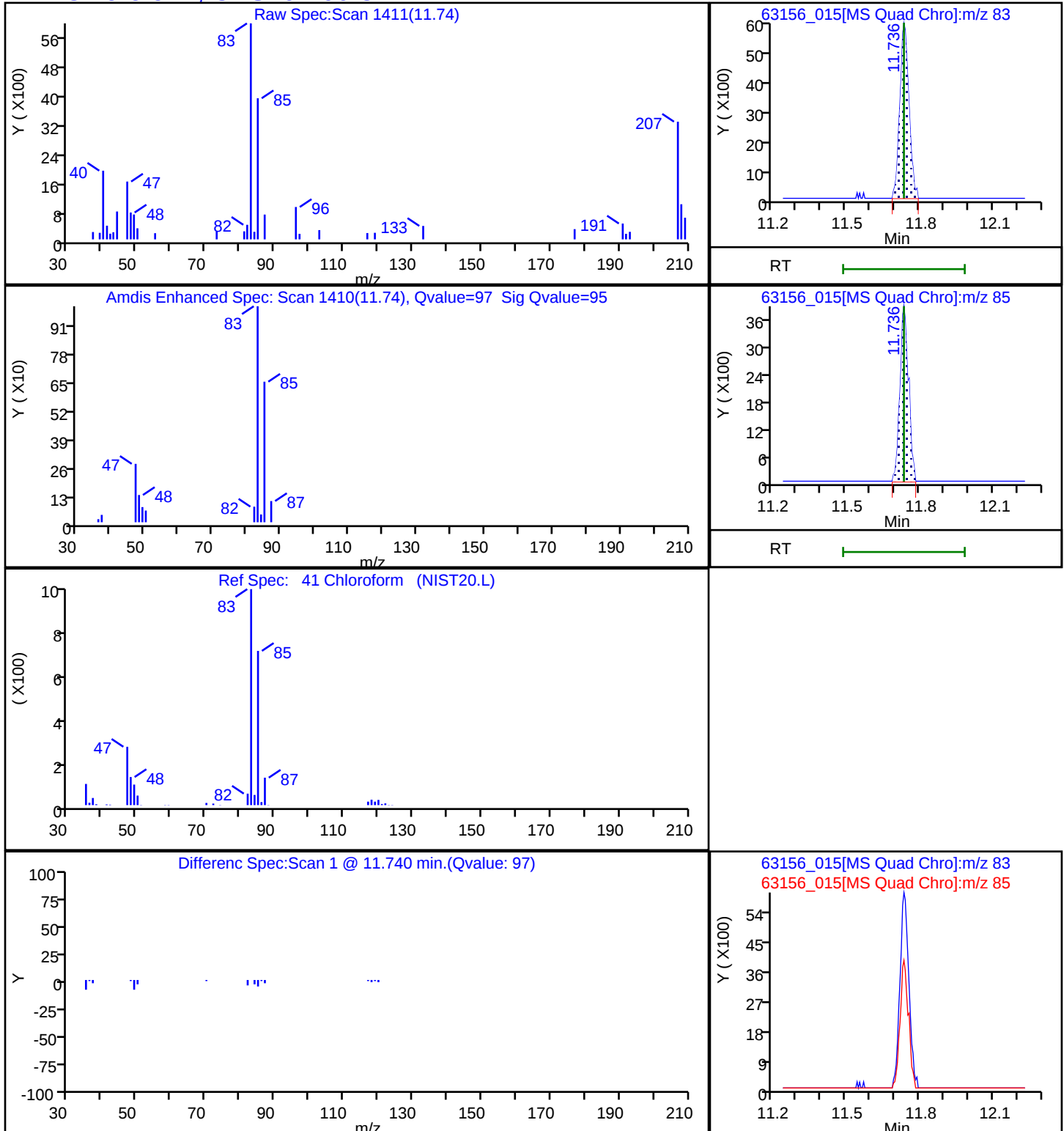
Dil. Factor: 40.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

41 Chloroform, CAS: 67-66-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_015.D

Injection Date: 27-Nov-2024 19:09:59

Instrument ID: CHAN.i

Lims ID: 200-76025-A-1

Lab Sample ID: 200-76025-1

Client ID: SVE-INF_20241126

Operator ID: wrd

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 200.000 mL

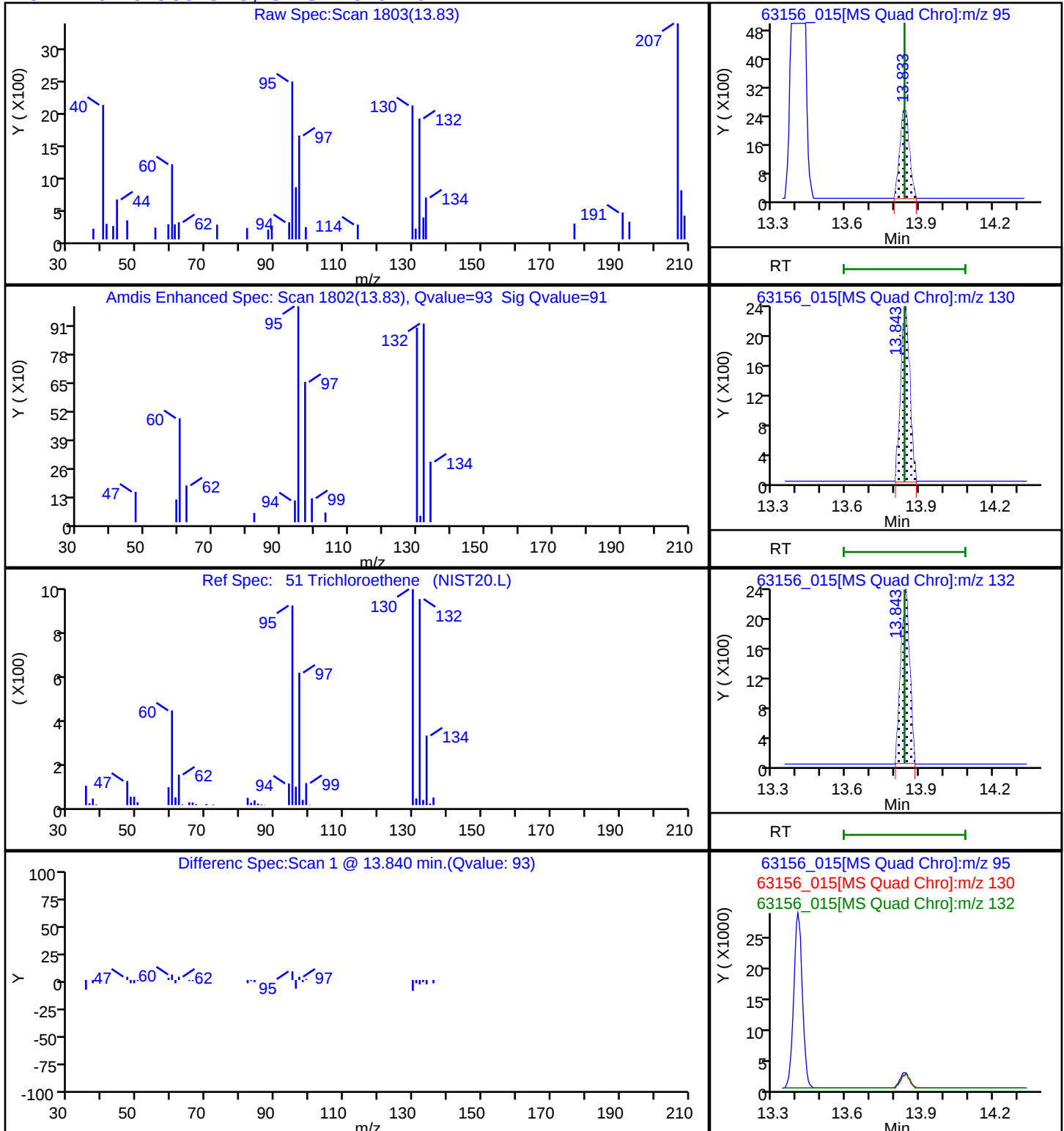
Dil. Factor: 40.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

51 Trichloroethene, CAS: 79-01-6

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_015.D

Injection Date: 27-Nov-2024 19:09:59

Instrument ID: CHAN.i

Lims ID: 200-76025-A-1

Lab Sample ID: 200-76025-1

Client ID: SVE-INF_20241126

Operator ID: wrd

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 200.000 mL

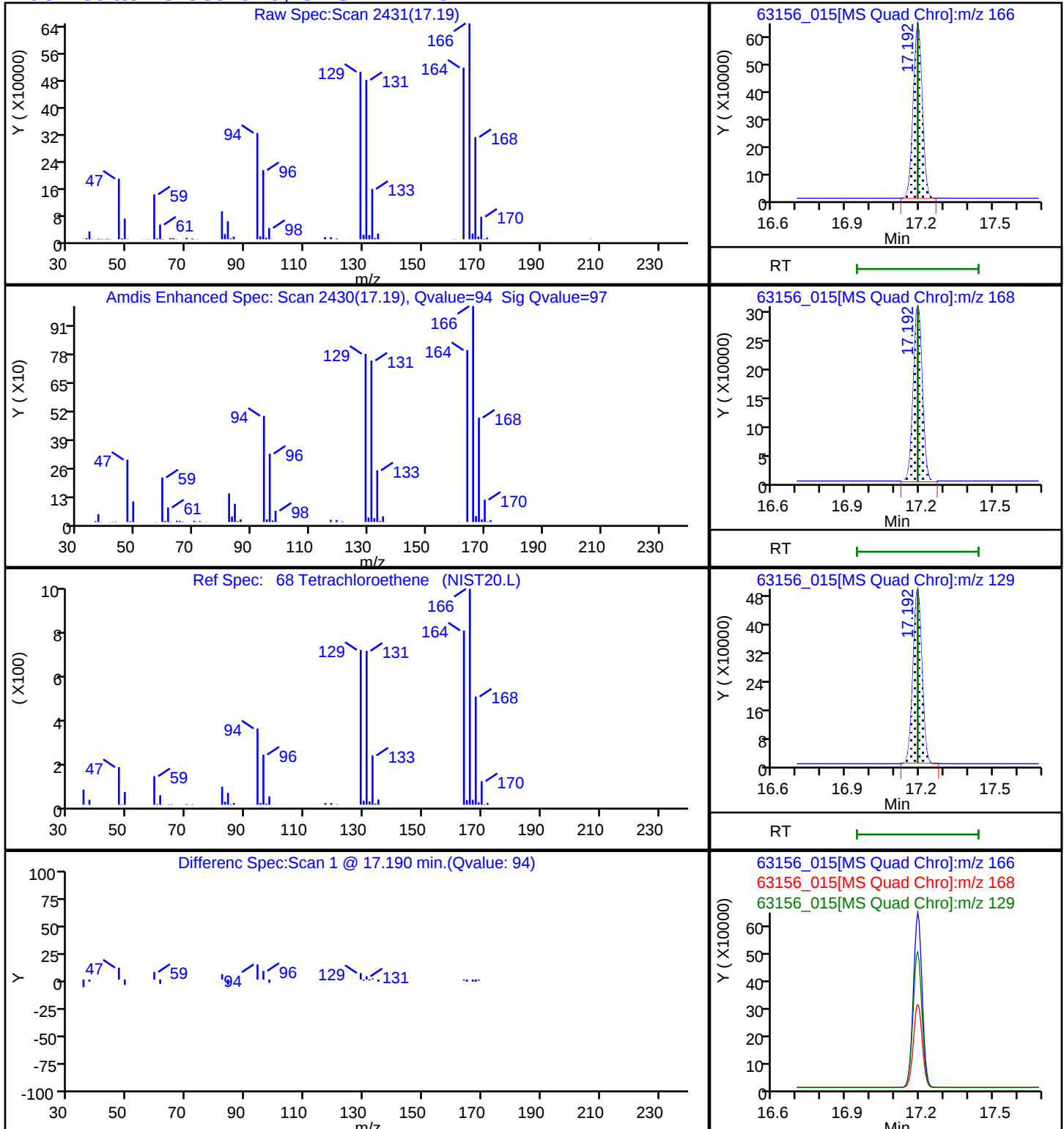
Dil. Factor: 40.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

68 Tetrachloroethene, CAS: 127-18-4

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_015.D

Injection Date: 27-Nov-2024 19:09:59

Instrument ID: CHAN.i

Lims ID: 200-76025-A-1

Lab Sample ID: 200-76025-1

Client ID: SVE-INF_20241126

Operator ID: wrd

ALS Bottle#:

15

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 40.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

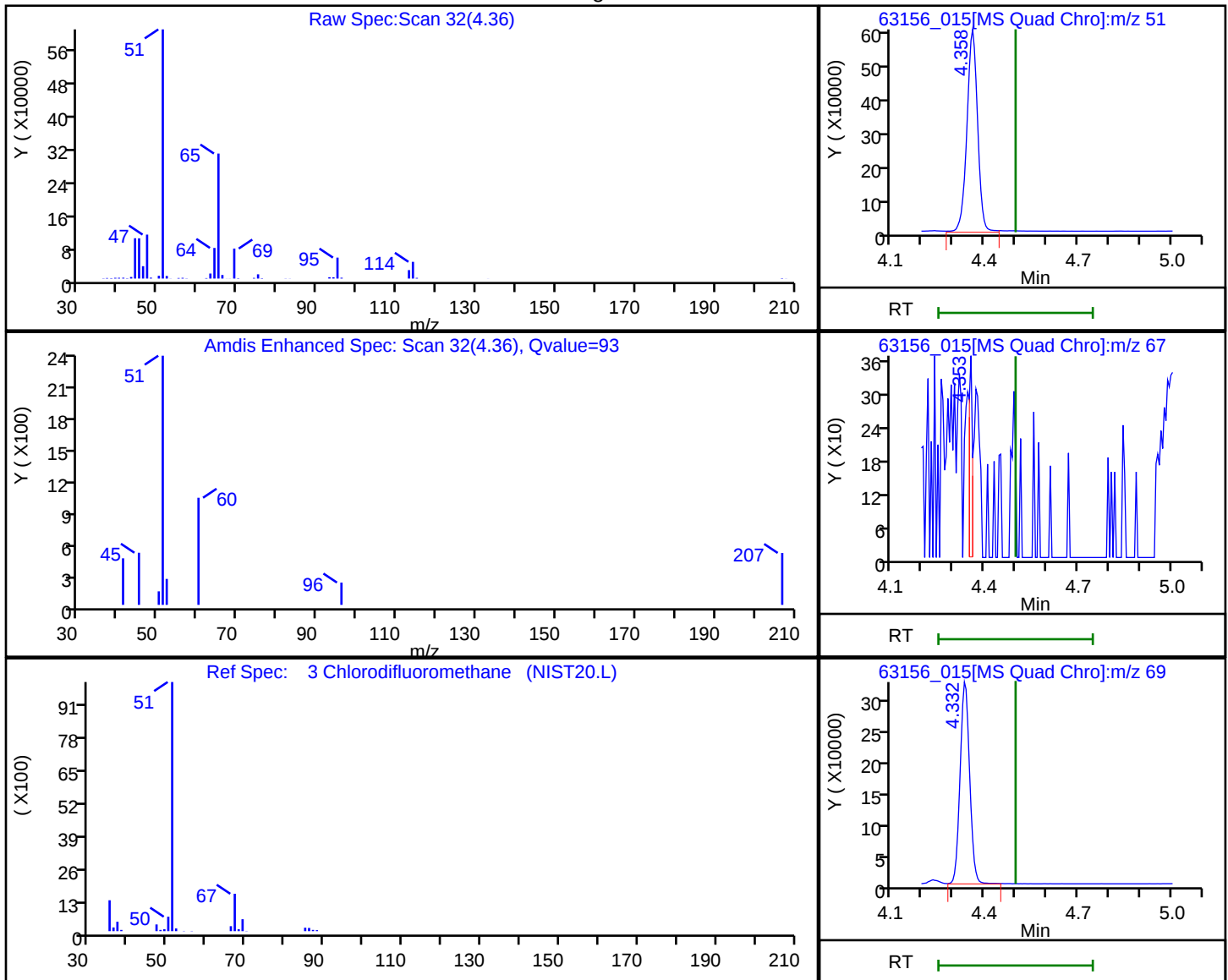
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

3 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
4.36	51.00	1421300	13.062968
4.35	67.00	265	
4.33	69.00	691212	

Reviewer: YWL8, 28-Nov-2024 13:08:02 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

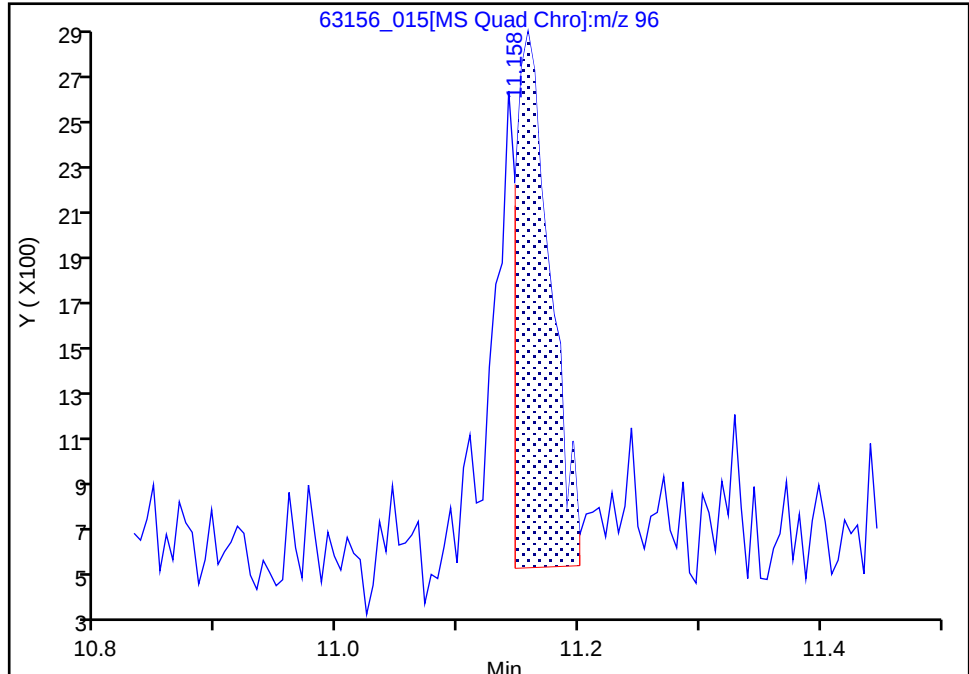
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_015.D				
Injection Date:	27-Nov-2024 19:09:59	Instrument ID:	CHAN.i		
Lims ID:	200-76025-A-1	Lab Sample ID:	200-76025-1		
Client ID:	SVE-INF_20241126				
Operator ID:	wrd	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN		

37 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

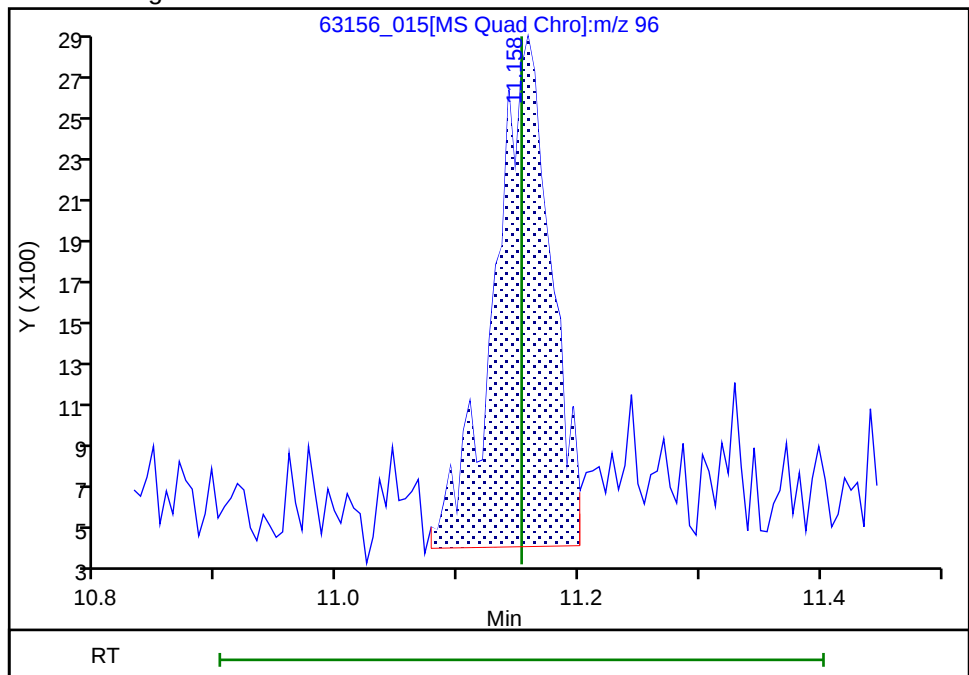
RT: 11.16
Area: 4623
Amount: 0.055352
Amount Units: ppb v/v

Processing Integration Results



RT: 11.16
Area: 7919
Amount: 0.094815
Amount Units: ppb v/v

Manual Integration Results



Reviewer: YWL8, 28-Nov-2024 13:08:16 07:00:00 (UTC)

Audit Action: Manually Integrated

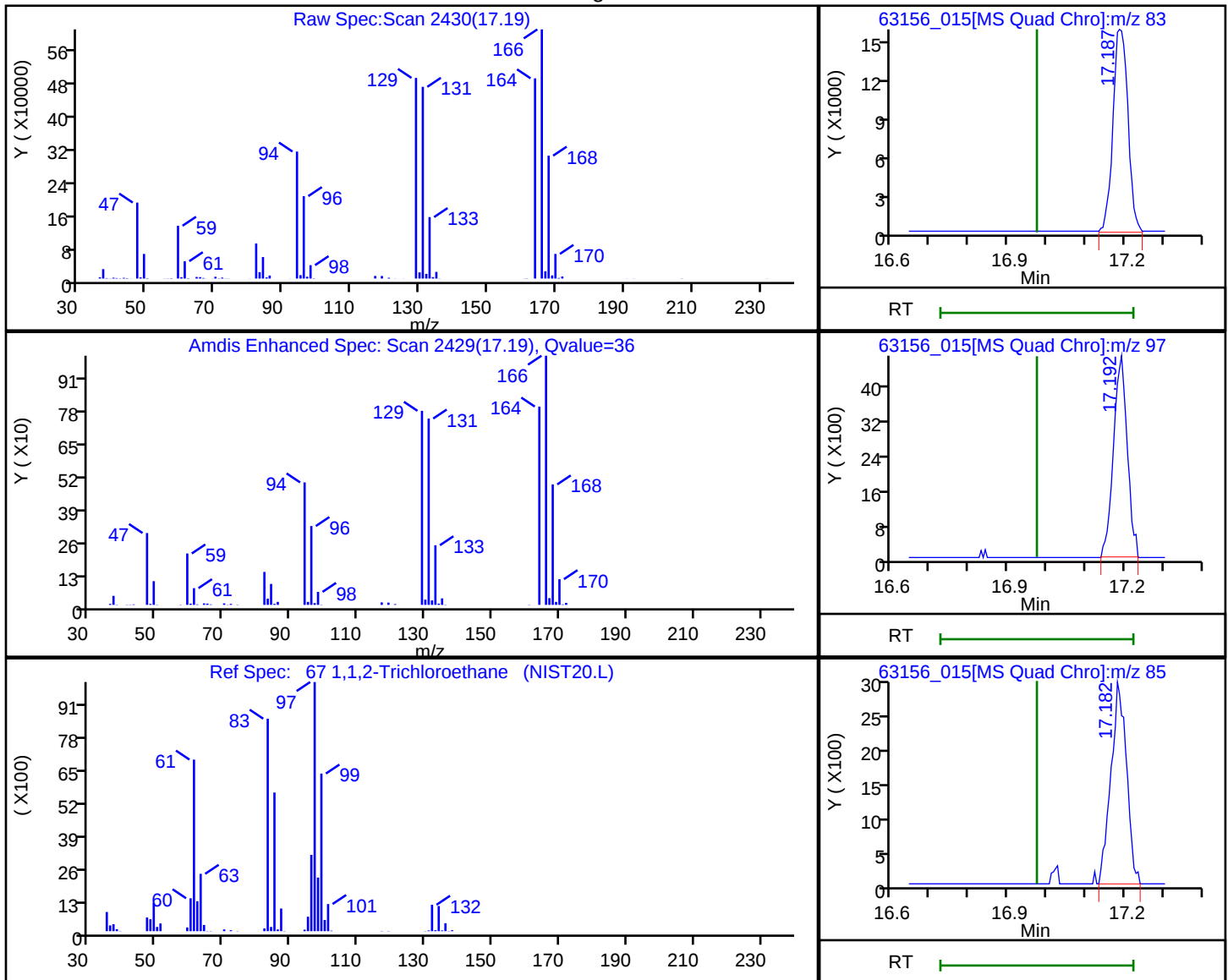
Audit Reason: Assign Peak

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_015.D
Injection Date: 27-Nov-2024 19:09:59 Instrument ID: CHAN.i
Lims ID: 200-76025-A-1 Lab Sample ID: 200-76025-1
Client ID: SVE-INF_20241126
Operator ID: wrd ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 200.000 mL Dil. Factor: 40.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

67 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
17.19	83.00	41582	0.479663
17.19	97.00	11512	
17.18	85.00	8183	

Reviewer: YWL8, 28-Nov-2024 13:10:38 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Client Sample ID: SVE-INT_20241126 Lab Sample ID: 200-76025-2

Matrix: Air Lab File ID: 63156_018.D

Analysis Method: TO-15 Date Collected: 11/26/2024 12:45

Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 21:45

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 211470 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.44	J	0.50	0.11
75-45-6	Freon 22	86.47	0.50	U	0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.18	J	0.50	0.15
106-97-8	n-Butane	58.12	1.3		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.18	J	0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	5.3		5.0	1.6
67-63-0	Isopropyl alcohol	60.10	1.6	J	5.0	1.6
75-15-0	Carbon disulfide	76.14	1.2		0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	1.0		0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.14	J	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.21		0.050	0.021
540-59-0	1,2-Dichloroethene, Total	96.94	0.21	J	0.40	0.021
67-66-3	Chloroform	119.38	0.088	J	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.074	J	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Client Sample ID: SVE-INT_20241126 Lab Sample ID: 200-76025-2

Matrix: Air Lab File ID: 63156_018.D

Analysis Method: TO-15 Date Collected: 11/26/2024 12:45

Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 21:45

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 211470 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.028	J	0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.048	J	0.20	0.044
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.077	J	0.20	0.055
79-01-6	Trichloroethene	131.39	0.041		0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.082
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.8		0.50	0.13
108-88-3	Toluene	92.14	2.7		0.20	0.062
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	2.1		0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.069
179601-23-1	m,p-Xylene	106.17	0.16	J	0.50	0.095
95-47-6	o-Xylene	106.17	0.064	J	0.20	0.063
1330-20-7	Xylene (total)	106.17	0.22	J	0.70	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-INT_20241126 Lab Sample ID: 200-76025-2
 Matrix: Air Lab File ID: 63156_018.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 12:45
 Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 21:45
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061
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
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-76025-1</u>
SDG No.: _____	
Client Sample ID: <u>SVE-INT_20241126</u>	Lab Sample ID: <u>200-76025-2</u>
Matrix: <u>Air</u>	Lab File ID: <u>63156_018.D</u>
Analysis Method: <u>TO-15</u>	Date Collected: <u>11/26/2024 12:45</u>
Sample wt/vol: <u>200 (mL)</u>	Date Analyzed: <u>11/27/2024 21:45</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>211470</u>	Units: <u>ug/m3</u>
Preparation Batch No.: _____	Instrument ID: <u>CHAN.i</u>

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.2	J	2.5	0.54
75-45-6	Freon 22	86.47	1.8	U	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	0.36	J	1.0	0.31
106-97-8	n-Butane	58.12	3.1		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.0	J	1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	13		12	3.8
67-63-0	Isopropyl alcohol	60.10	3.9	J	12	3.9
75-15-0	Carbon disulfide	76.14	3.7		1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	3.6		1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.50	J	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.82		0.20	0.083
540-59-0	1,2-Dichloroethene, Total	96.94	0.83	J	1.6	0.083
67-66-3	Chloroform	119.38	0.43	J	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	0.40	J	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Client Sample ID: SVE-INT_20241126 Lab Sample ID: 200-76025-2

Matrix: Air Lab File ID: 63156_018.D

Analysis Method: TO-15 Date Collected: 11/26/2024 12:45

Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 21:45

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 211470 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.18	J	0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	0.15	J	0.64	0.14
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.32	J	0.82	0.23
79-01-6	Trichloroethene	131.39	0.22		0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	0.30
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	12		2.0	0.53
108-88-3	Toluene	92.14	10		0.75	0.23
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	14		1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.30
179601-23-1	m,p-Xylene	106.17	0.69	J	2.2	0.41
95-47-6	o-Xylene	106.17	0.28	J	0.87	0.27
1330-20-7	Xylene (total)	106.17	0.97	J	3.0	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-INT_20241126 Lab Sample ID: 200-76025-2
 Matrix: Air Lab File ID: 63156_018.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 12:45
 Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 21:45
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ug/m3
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D
 Lims ID: 200-76025-A-2
 Client ID: SVE-INT_20241126
 Sample Type: Client
 Inject. Date: 27-Nov-2024 21:45:04 ALS Bottle#: 18 Worklist Smp#: 18
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0063156-018
 Operator ID: wrd Instrument ID: CHAN.i
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 28-Nov-2024 14:30:26 Calib Date: 17-Nov-2024 22:53:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: YWL8

Date: 28-Nov-2024 14:30:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.449	4.457	-0.006	98	66444	0.4434	
3 Chlorodifluoromethane	51		4.497				ND	MU
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.818				ND	MU
5 Chloromethane	50	4.936	4.936	0.000	80	10630	0.1766	M
6 Vinyl chloride	62		5.230				ND	
7 Butane	43	5.230	5.238	-0.006	99	114107	1.29	
8 Butadiene	54		5.348				ND	MU
9 Bromomethane	94		6.070				ND	
10 Chloroethane	64		6.343				ND	
13 Vinyl bromide	106		6.760				ND	
14 Trichlorofluoromethane	101	6.926	6.929	0.000	97	25421	0.1832	
20 1,1-Dichloroethene	96		7.980				ND	MU
21 1,1,2-Trichloro-1,2,2-trifluoro	101		8.023				ND	
22 Acetone	43	8.060	8.048	0.016	98	436728	5.27	
23 Isopropyl alcohol	45	8.355	8.337	0.022	100	148220	1.60	
24 Carbon disulfide	76	8.387	8.391	0.000	100	217434	1.18	
26 3-Chloro-1-propene	41		8.670				ND	MU
27 Methylene Chloride	49	8.900	8.899	0.005	99	70853	1.02	
28 2-Methyl-2-propanol	59	9.120	9.102	0.022	97	33096	0.2743	
30 trans-1,2-Dichloroethene	61		9.398				ND	
31 Methyl tert-butyl ether	73		9.403				ND	MU
32 Hexane	57	9.917	9.921	0.000	95	14372	0.1429	
33 1,1-Dichloroethane	63		10.157				ND	7
S 35 1,2-Dichloroethene, Total	61				0		0.2069	
36 2-Butanone (MEK)	72	11.147	11.120	0.032	100	9140	0.2733	
37 cis-1,2-Dichloroethene	96	11.152	11.158	0.000	97	15289	0.2069	
* 39 Chlorobromomethane	128	11.559	11.554	0.005	98	436749	10.0	
40 Tetrahydrofuran	42		11.602				ND	7
41 Chloroform	83	11.741	11.741	0.005	96	11334	0.0881	
42 1,1,1-Trichloroethane	97	12.046	12.046	0.000	95	9086	0.0737	
43 Cyclohexane	84	12.201	12.196	0.005	81	1059	0.0120	
44 Carbon tetrachloride	117	12.335	12.329	0.006	94	3606	0.0283	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Benzene	78	12.666	12.672	-0.006	98	9938	0.0478	
46 1,2-Dichloroethane	62		12.736				ND	
47 Isooctane	57	12.891	12.891	-0.006	33	3309	0.0102	7M
48 n-Heptane	43	13.201	13.207	-0.006	95	8981	0.0769	
* 49 1,4-Difluorobenzene	114	13.399	13.399	0.000	96	2136929	10.0	
51 Trichloroethene	95	13.843	13.838	0.005	93	3764	0.0406	
53 1,2-Dichloropropane	63	14.287	14.282	0.005	84	2954	0.0367	
54 Methyl methacrylate	69		14.373				ND	
55 1,4-Dioxane	88		14.411				ND	
58 Dichlorobromomethane	83		14.748				ND	
59 cis-1,3-Dichloropropene	75		15.550				ND	
61 4-Methyl-2-pentanone (MIBK)	43	15.817	15.807	0.010	97	415171	2.84	
62 Toluene	92	16.203	16.197	0.006	93	400493	2.66	
66 trans-1,3-Dichloropropene	75		16.599				ND	7
67 1,1,2-Trichloroethane	83		16.973				ND	MU
68 Tetrachloroethene	166	17.192	17.193	0.000	93	251168	2.13	
69 2-Hexanone	43		17.385				ND	MU
70 Chlorodibromomethane	129		17.711				ND	
71 Ethylene Dibromide	107		17.952				ND	
* 73 Chlorobenzene-d5	117	18.867	18.867	0.000	90	1917594	10.0	
74 Chlorobenzene	112		18.926				ND	7
75 Ethylbenzene	91	19.129	19.124	0.005	98	14450	0.0445	
76 m-Xylene & p-Xylene	106	19.375	19.380	-0.005	0	19766	0.1584	
S 80 Xylenes, Total	106				0		0.2221	
78 o-Xylene	106	20.156	20.156	0.000	96	7766	0.0637	
79 Styrene	104	20.188	20.188	0.000	98	7250	0.0358	
81 Bromoform	173		20.525				ND	
82 Isopropylbenzene	105	20.841	20.841	0.000	64	4543	0.0128	
83 1,1,2,2-Tetrachloroethane	83		21.344				ND	7
85 N-Propylbenzene	91		21.552				ND	7
86 2-Chlorotoluene	91		21.697				ND	7
87 4-Ethyltoluene	105	21.750	21.750	0.000	96	3723	0.0110	
88 1,3,5-Trimethylbenzene	105	21.841	21.841	0.000	92	2784	0.009821	
91 tert-Butylbenzene	119		22.323				ND	7
92 1,2,4-Trimethylbenzene	105	22.403	22.409	-0.005	85	15484	0.0542	
93 sec-Butylbenzene	105		22.644				ND	
94 1,3-Dichlorobenzene	146		22.815				ND	7
95 4-Isopropyltoluene	119		22.858				ND	MU
96 1,4-Dichlorobenzene	146		22.954				ND	7
97 Benzyl chloride	91		23.099				ND	MU
98 n-Butylbenzene	91		23.414				ND	7
99 1,2-Dichlorobenzene	146		23.446				ND	7
102 1,2,4-Trichlorobenzene	180		25.891				ND	7
103 Hexachlorobutadiene	225		26.148				ND	
104 Naphthalene	128	26.378	26.373	0.005	94	5604	0.0200	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Worklist Smp#: 18

Client ID: SVE-INT_20241126

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

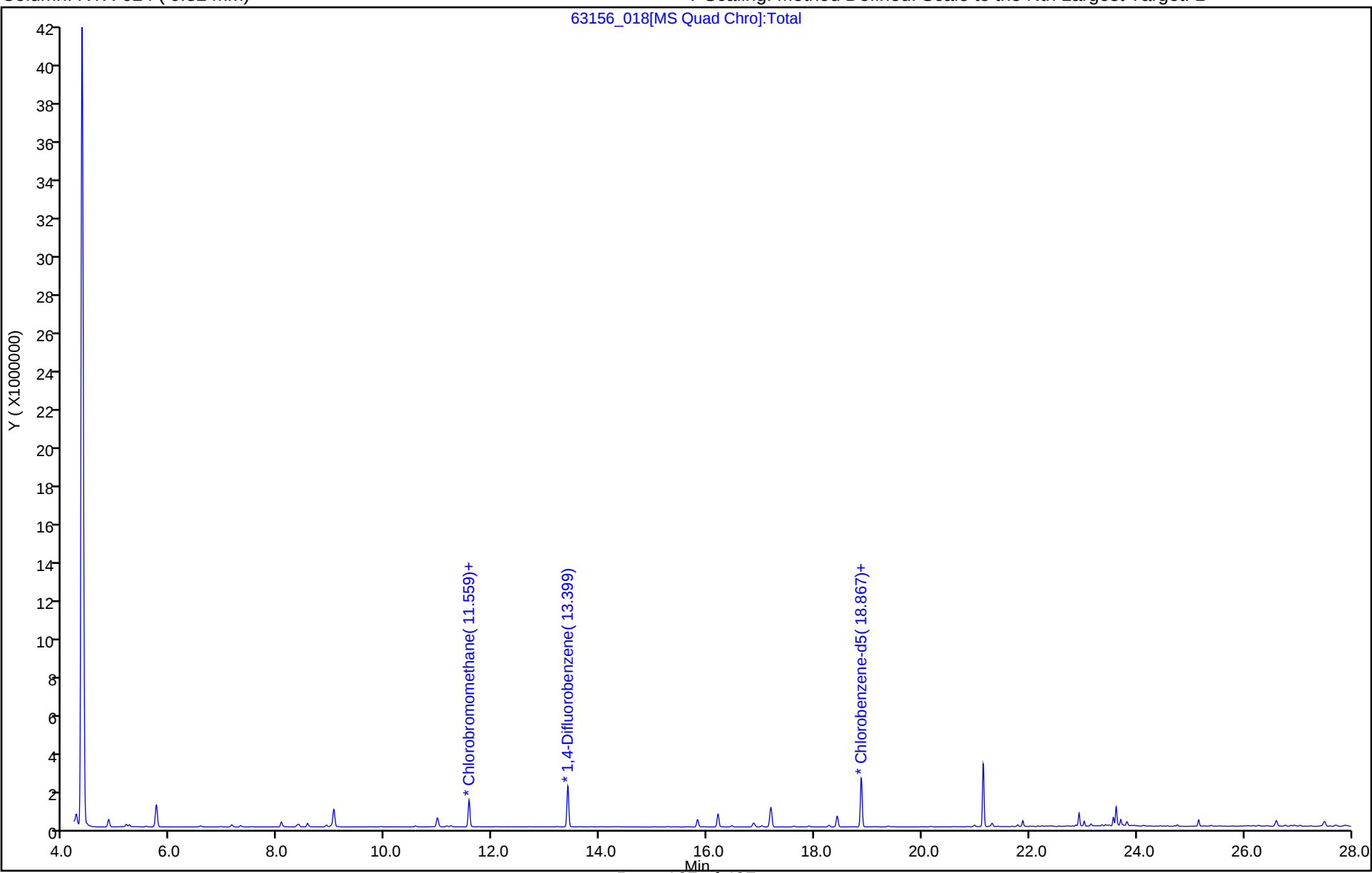
ALS Bottle#: 18

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

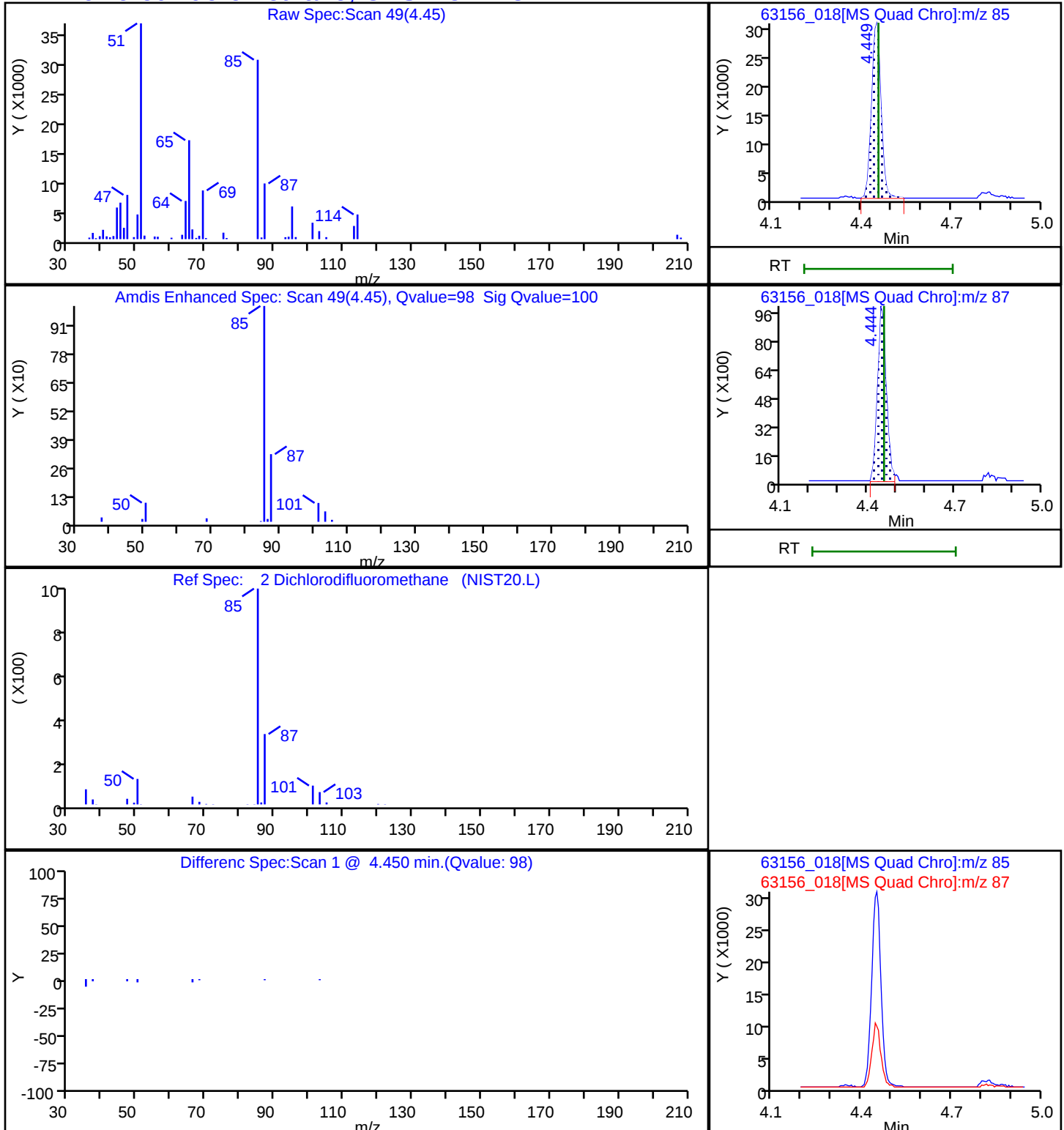
Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 200.000 mL

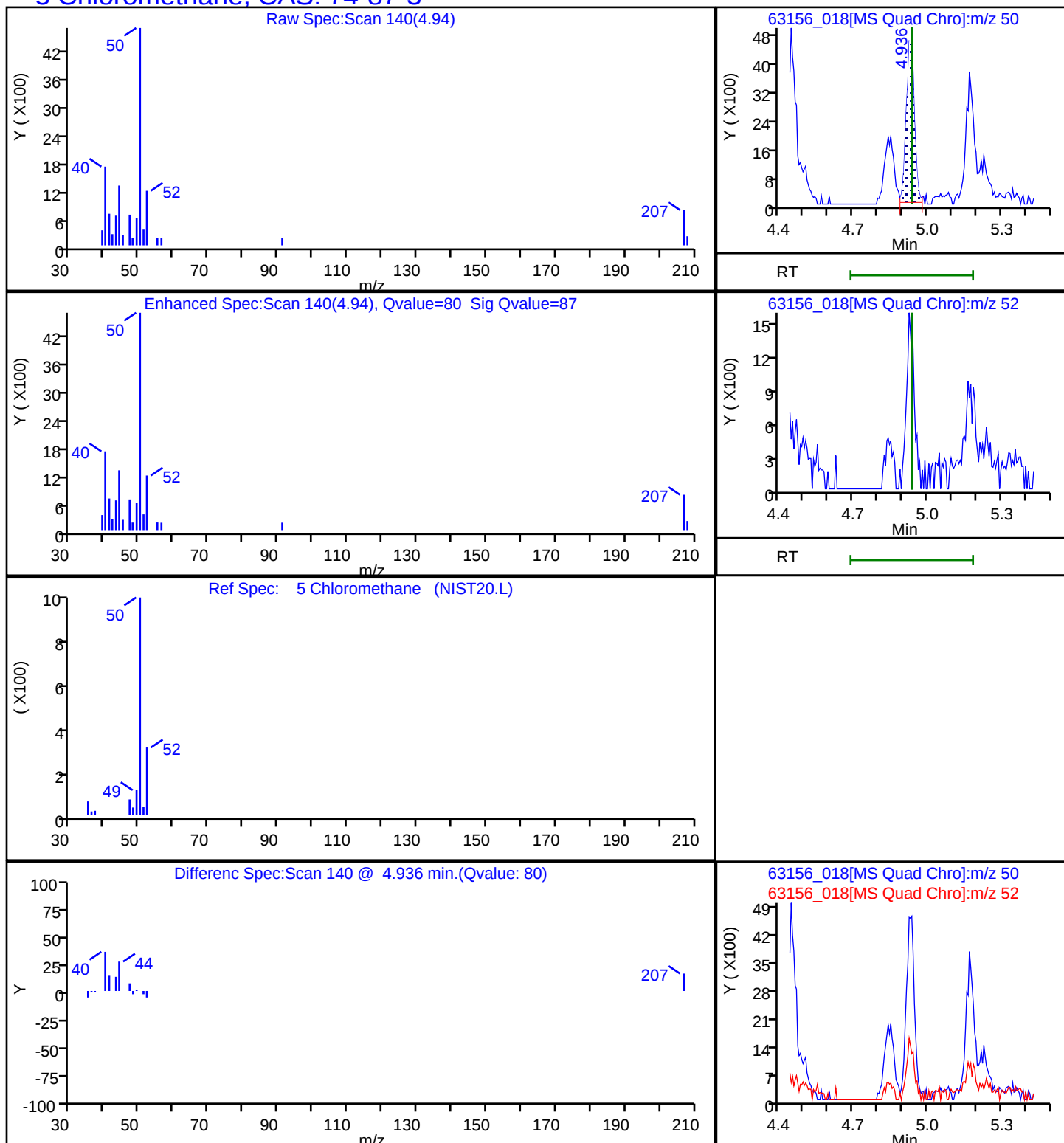
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

5 Chloromethane, CAS: 74-87-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 200.000 mL

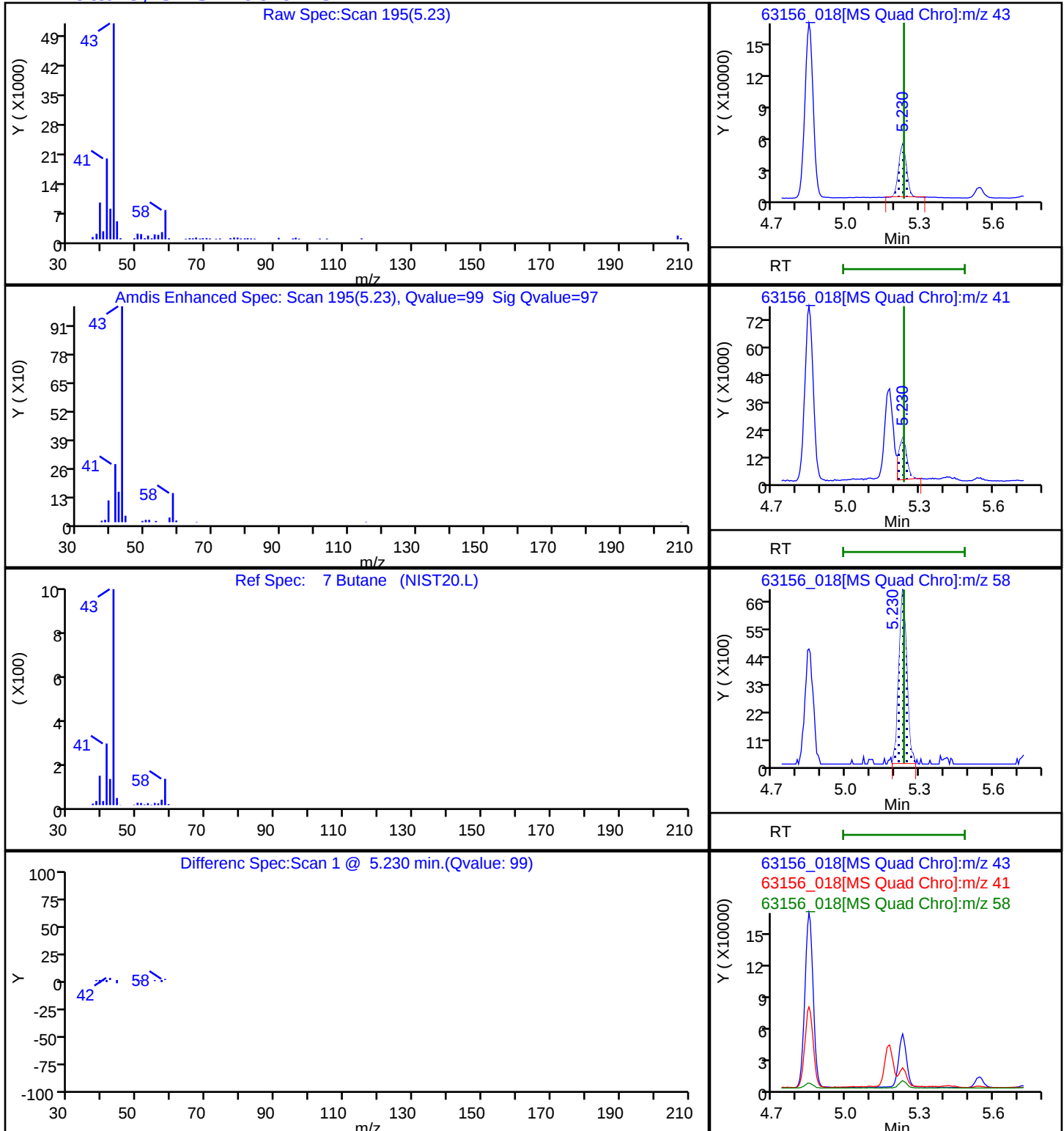
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

7 Butane, CAS: 106-97-8

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 200.000 mL

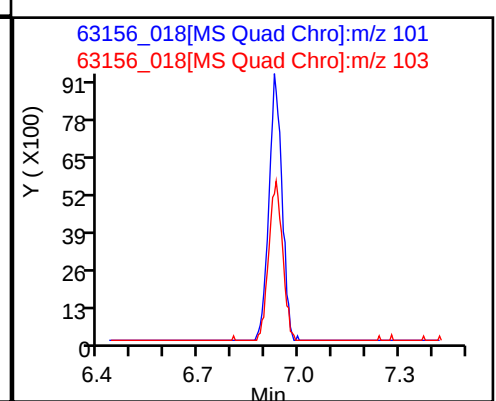
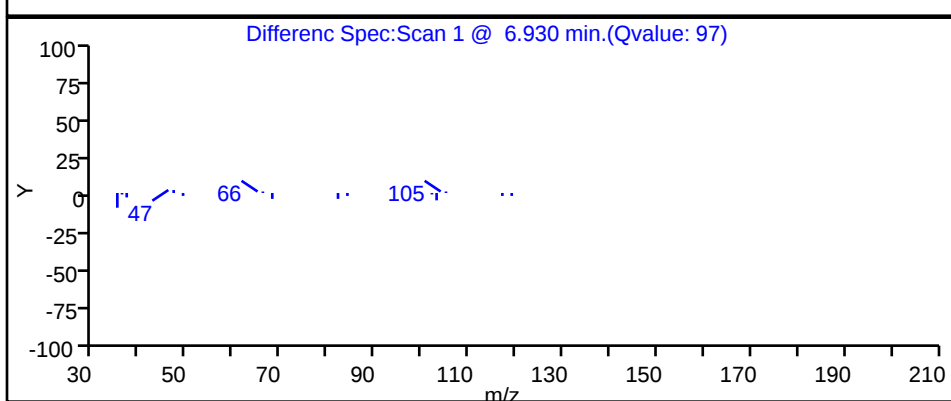
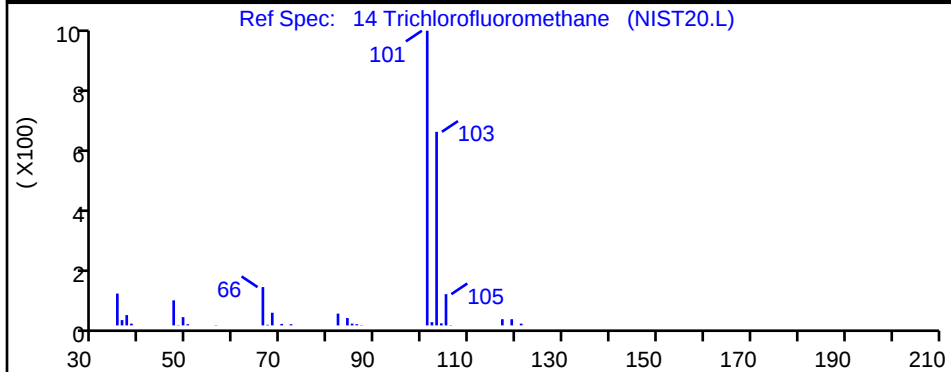
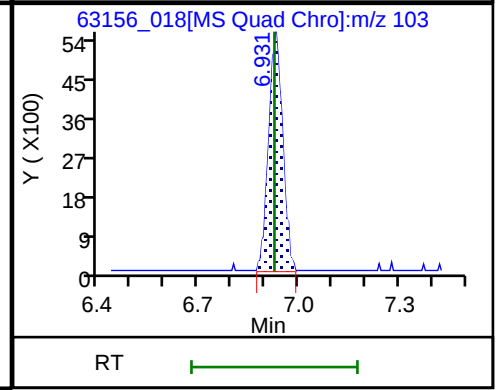
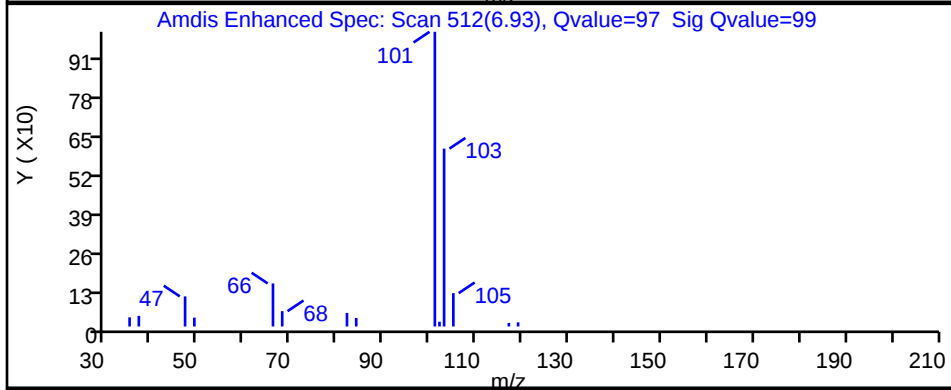
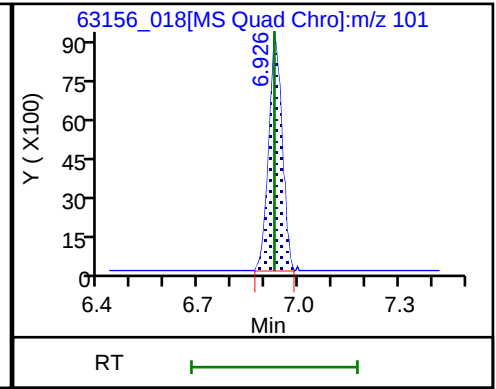
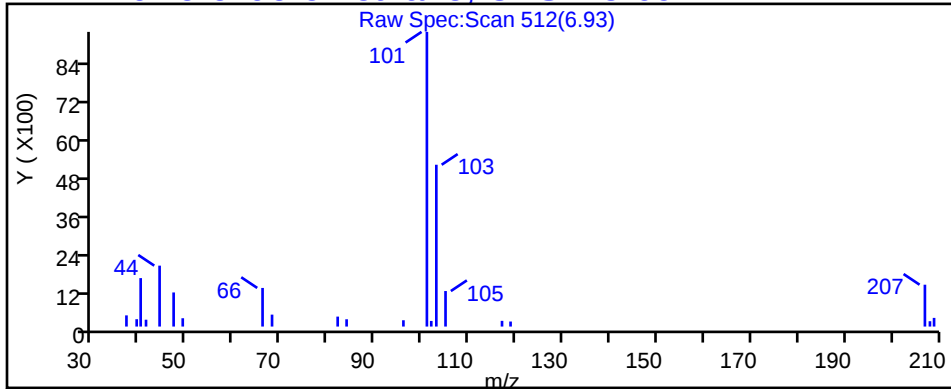
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

14 Trichlorofluoromethane, CAS: 75-69-4

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 200.000 mL

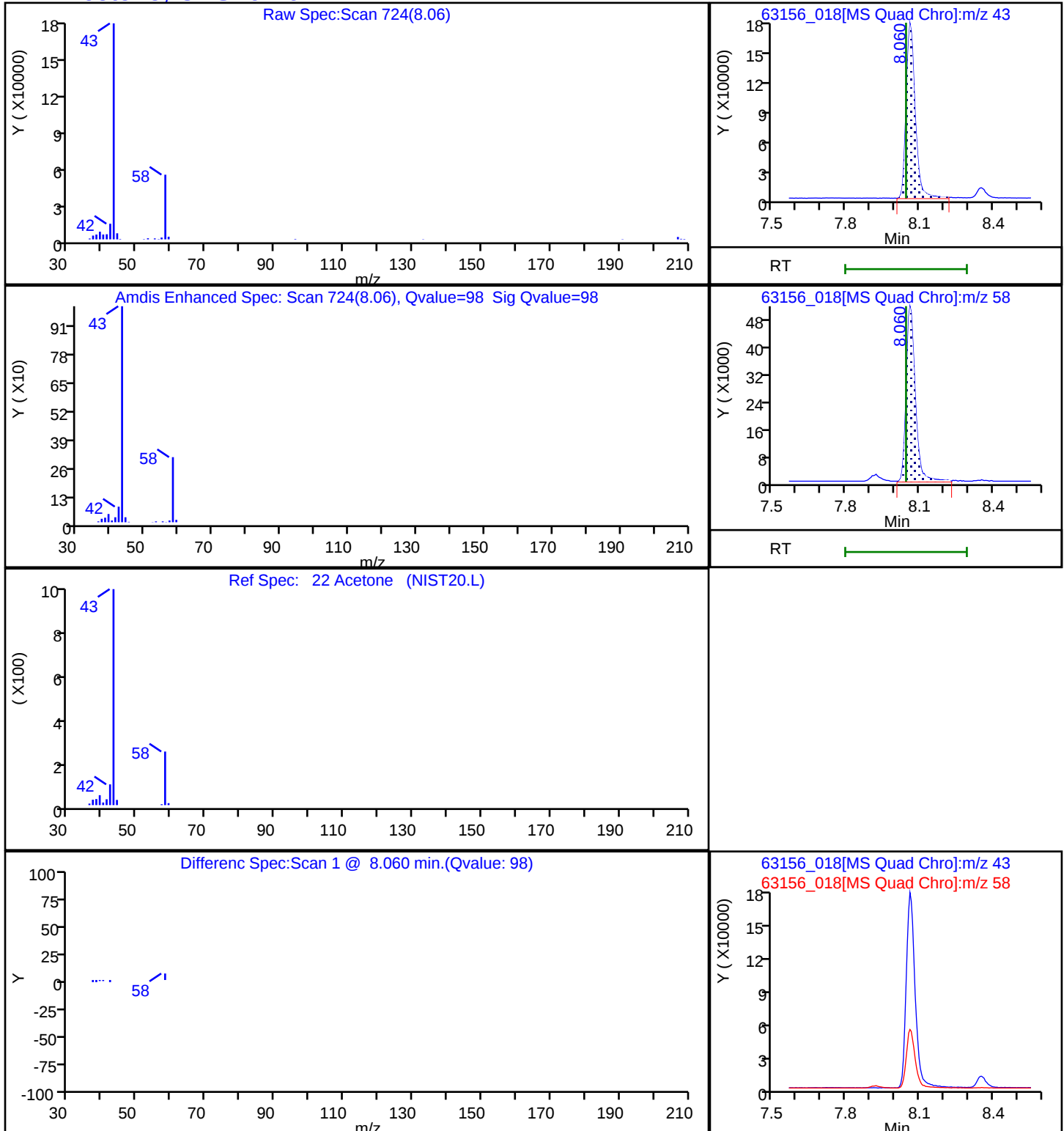
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

22 Acetone, CAS: 67-64-1

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 200.000 mL

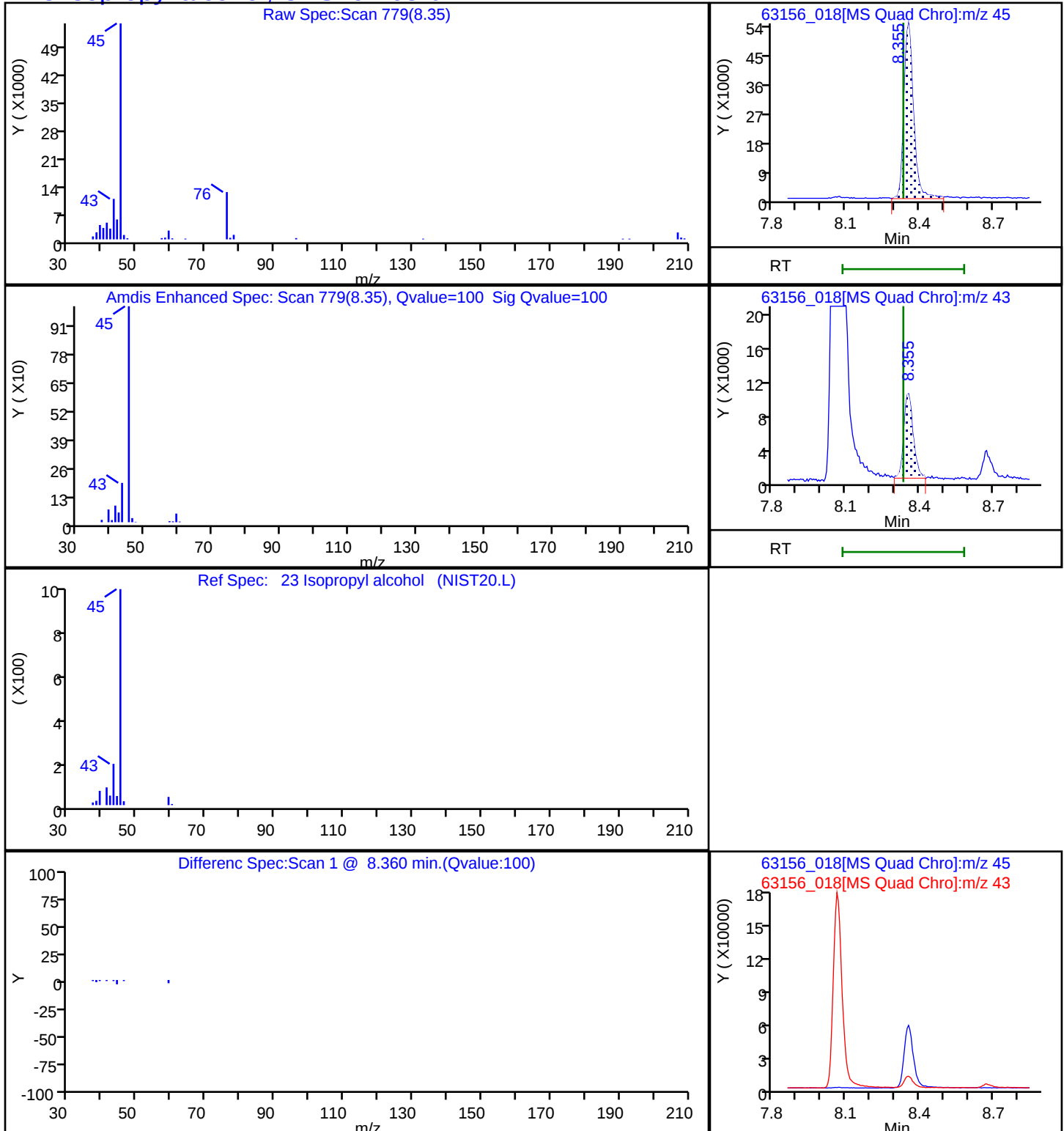
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 Isopropyl alcohol, CAS: 67-63-0

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 200.000 mL

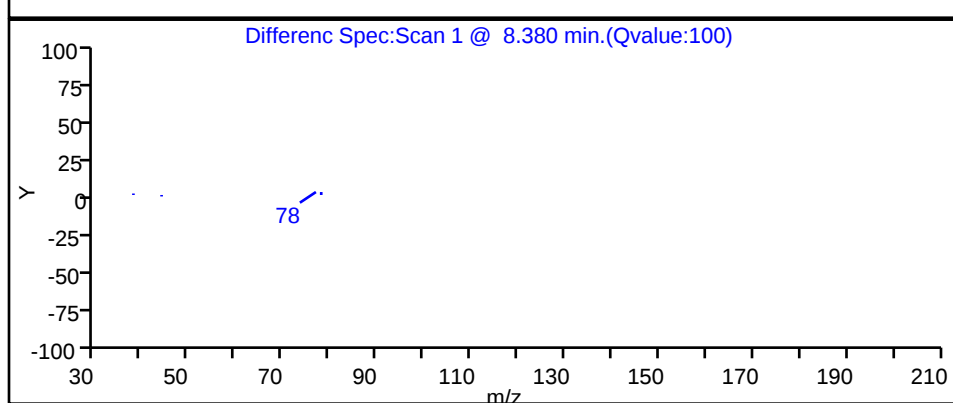
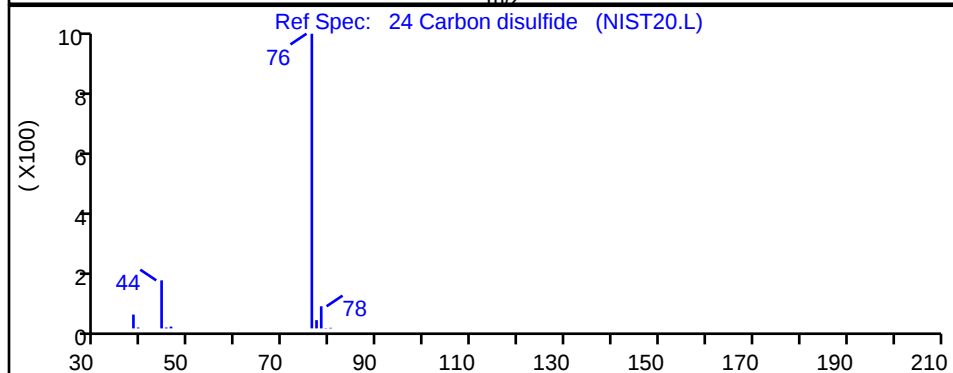
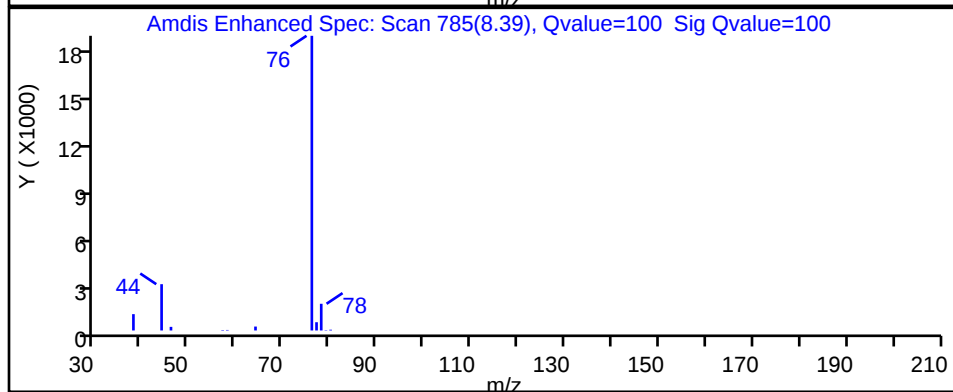
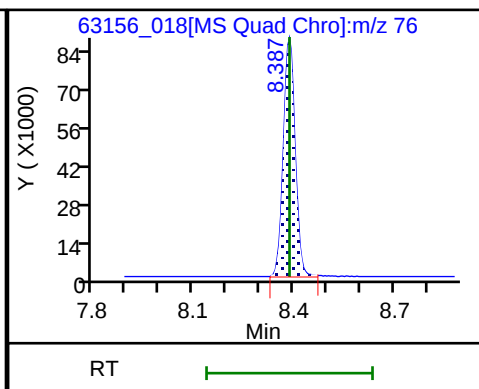
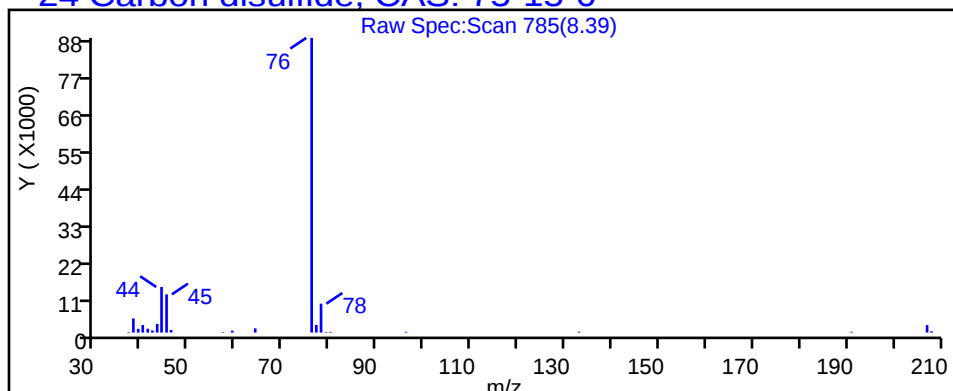
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

24 Carbon disulfide, CAS: 75-15-0

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 200.000 mL

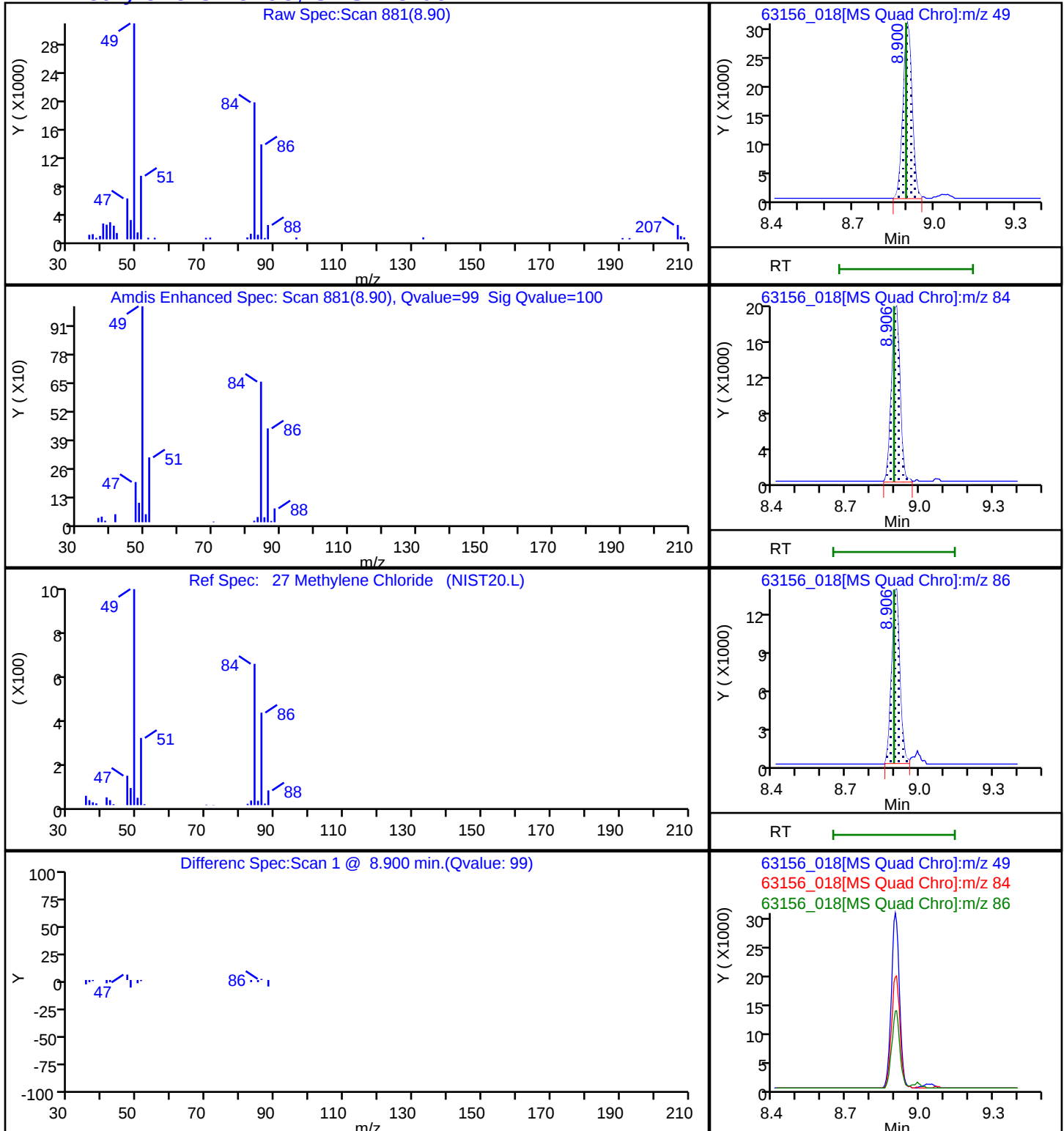
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Methylene Chloride, CAS: 75-09-2

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 200.000 mL

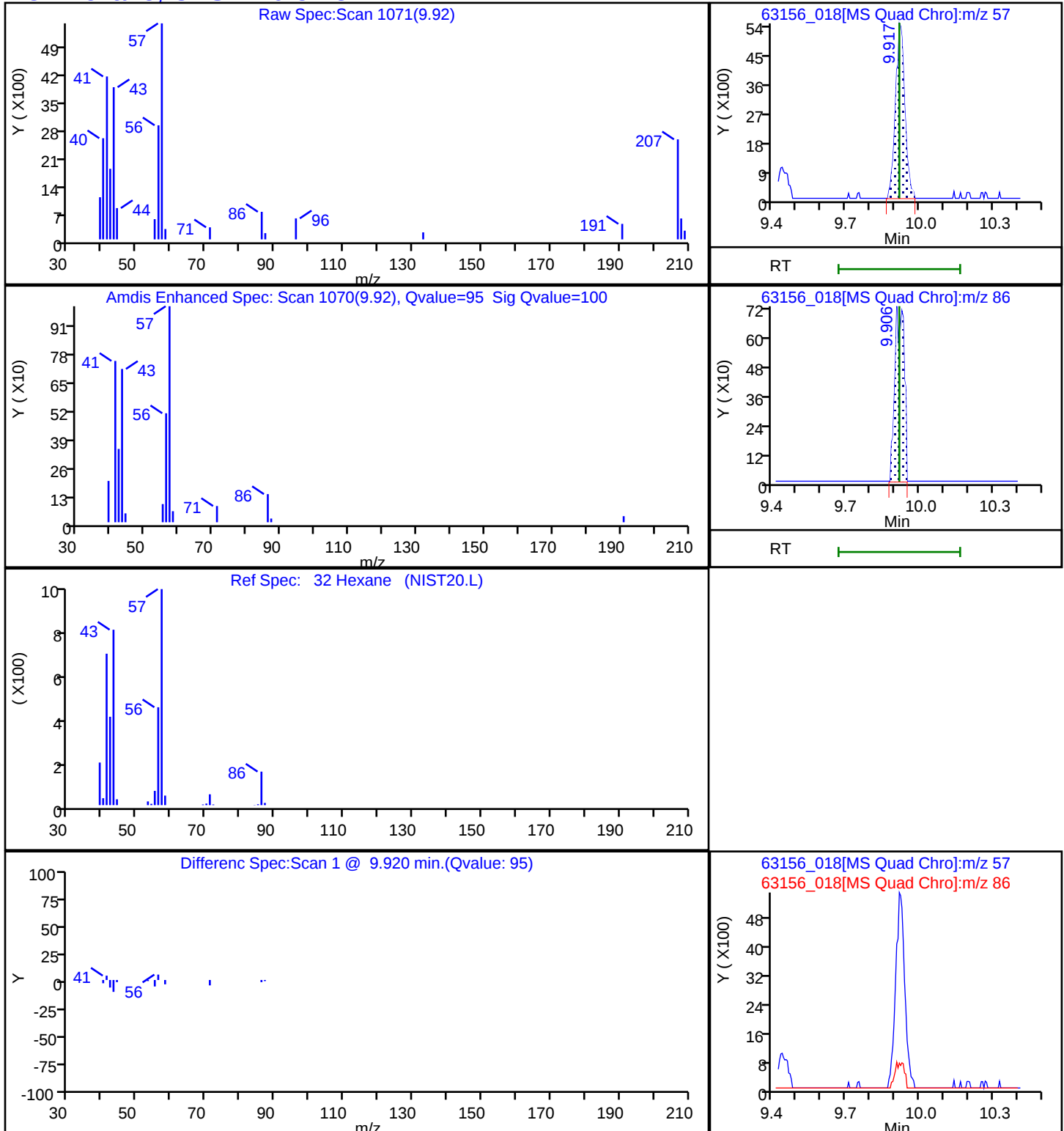
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

32 Hexane, CAS: 110-54-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 200.000 mL

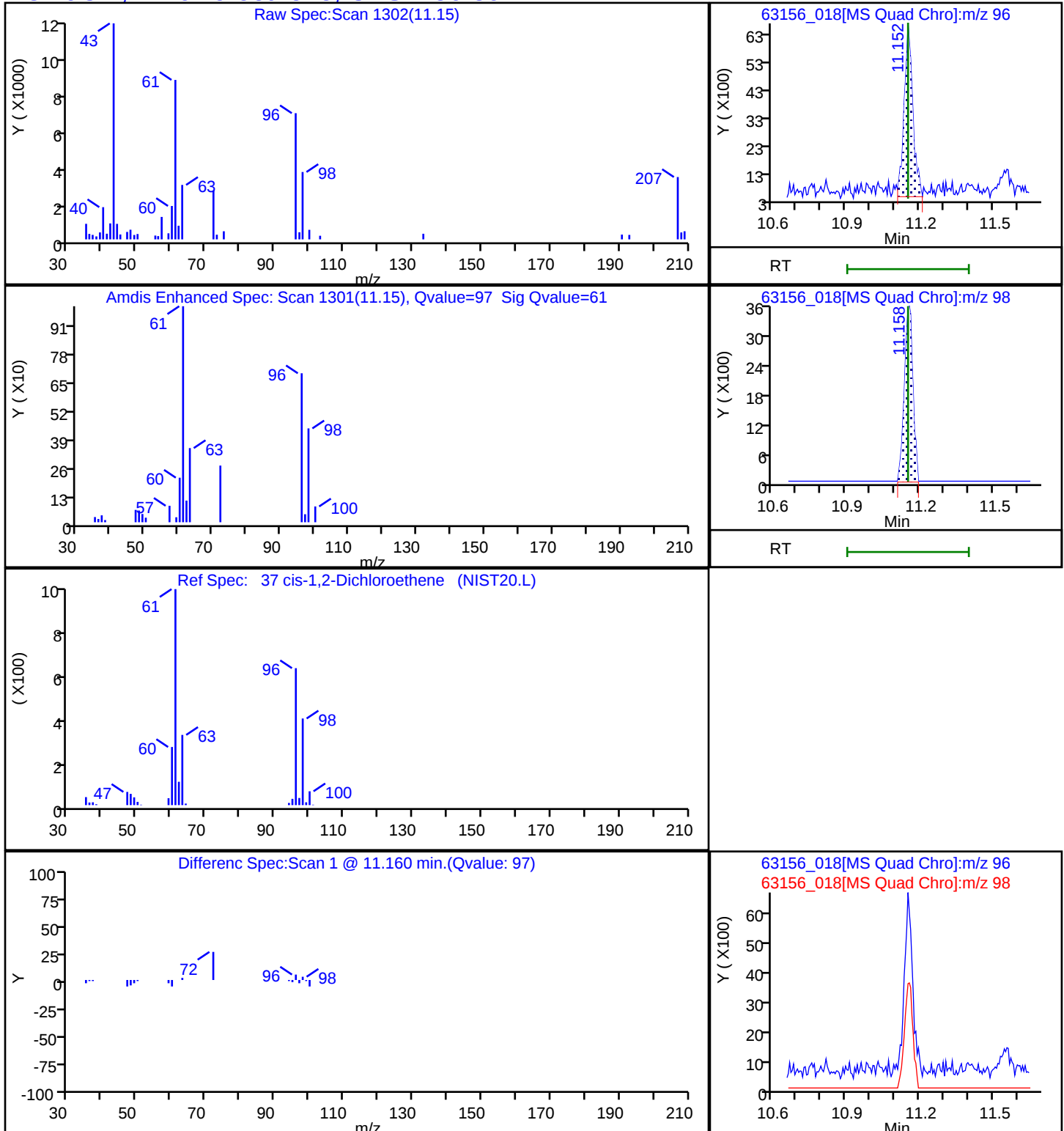
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

37 cis-1,2-Dichloroethene, CAS: 156-59-2

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 200.000 mL

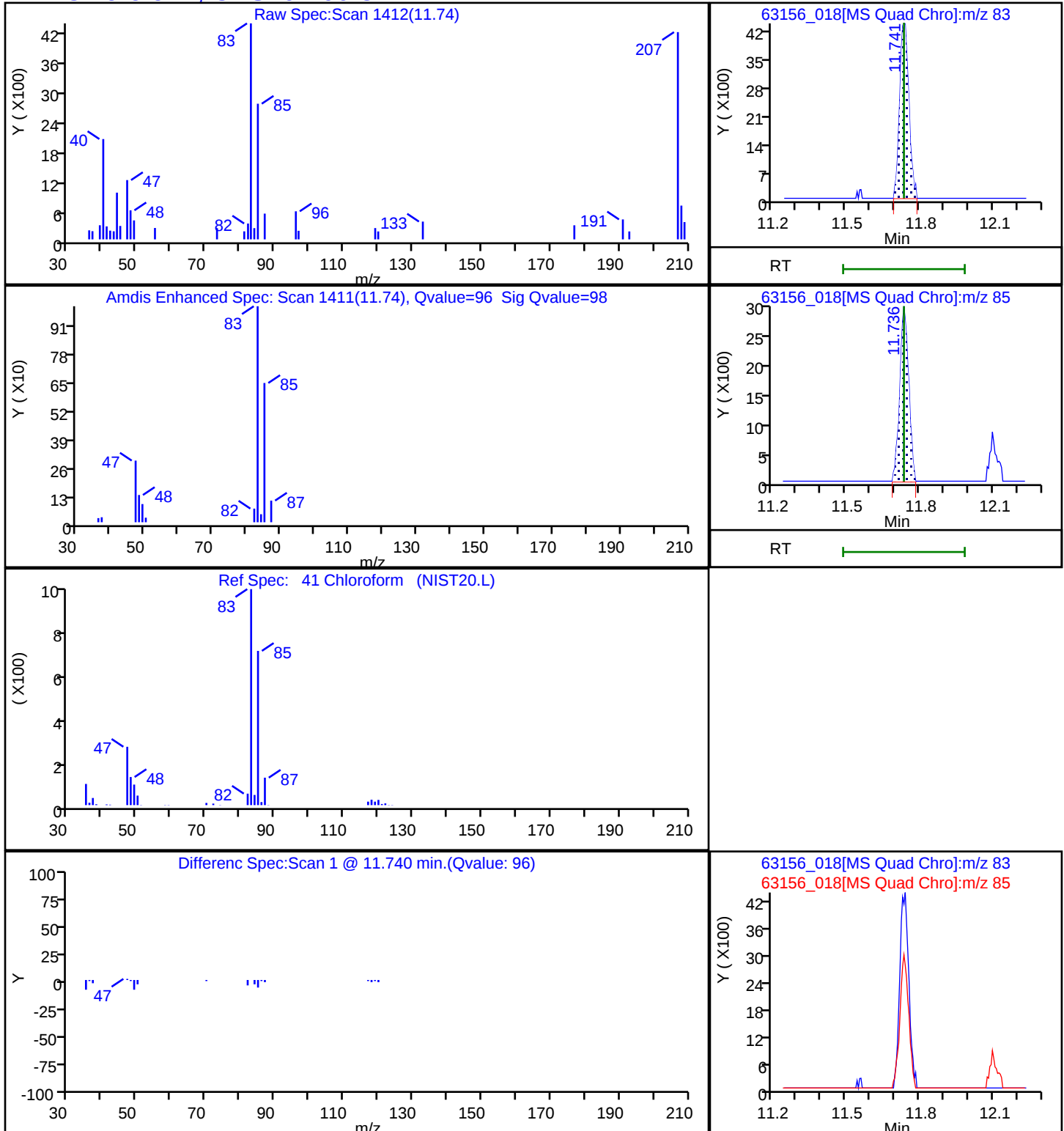
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

41 Chloroform, CAS: 67-66-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 200.000 mL

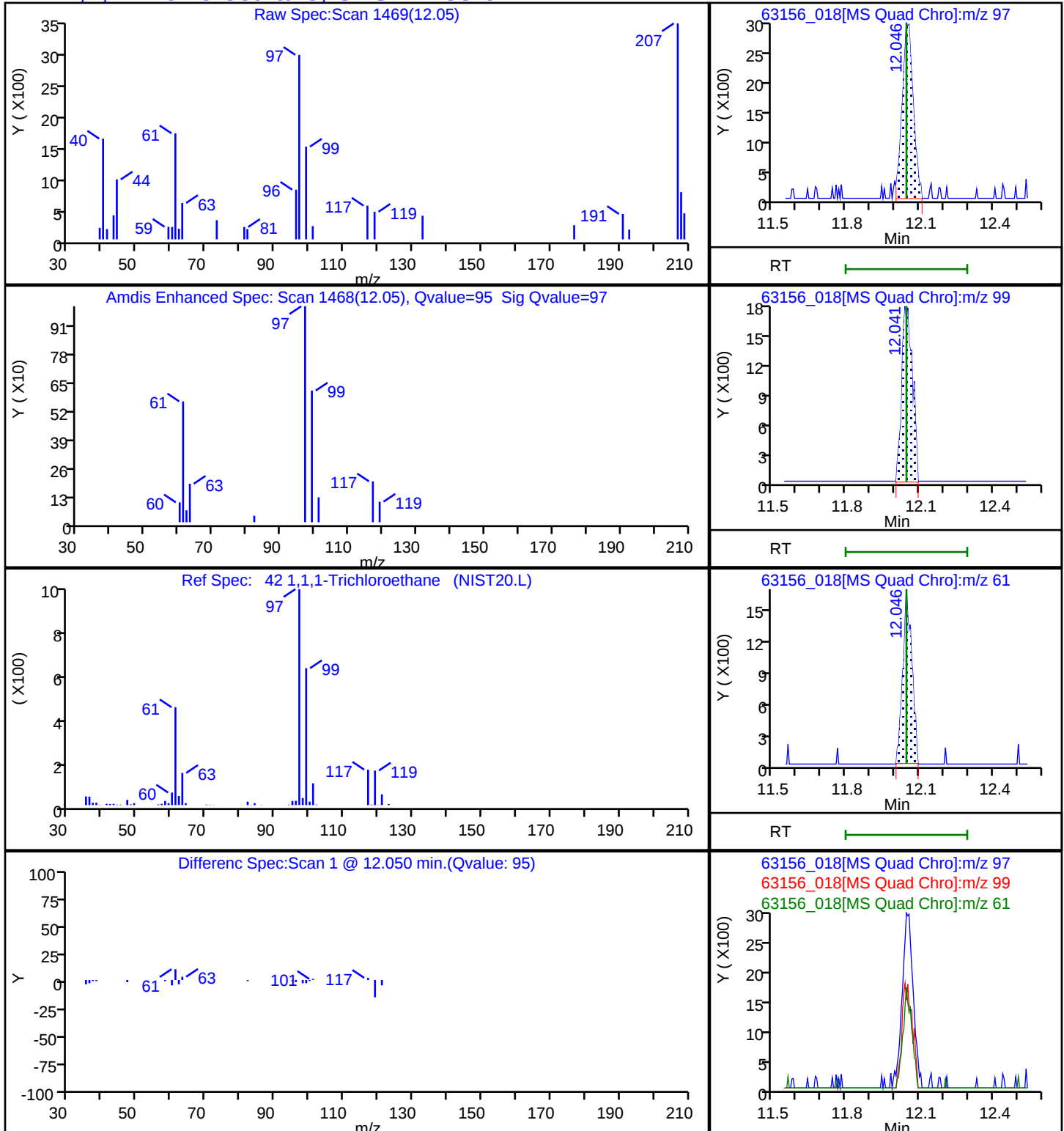
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

42 1,1,1-Trichloroethane, CAS: 71-55-6

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 200.000 mL

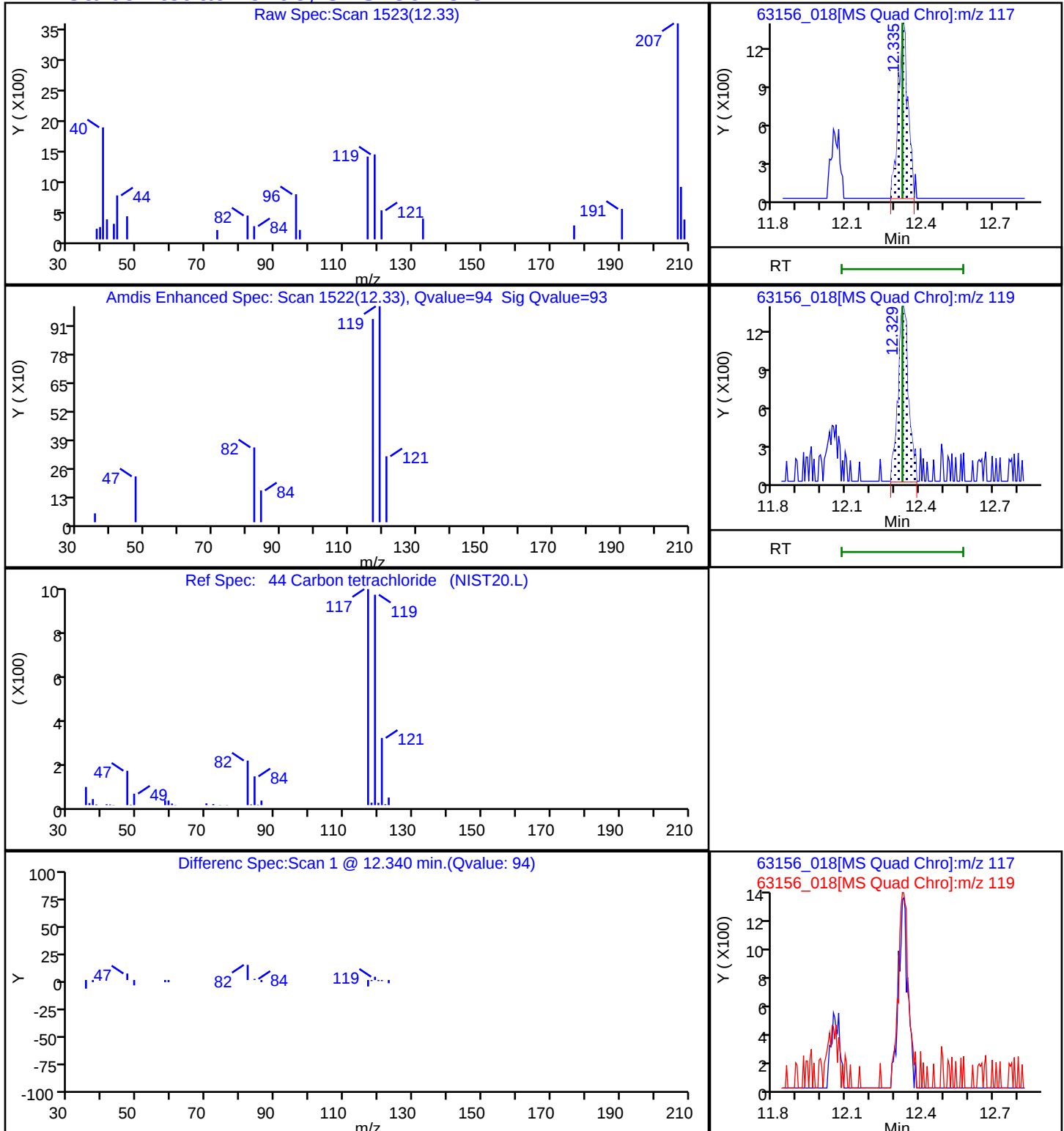
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Carbon tetrachloride, CAS: 56-23-5

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

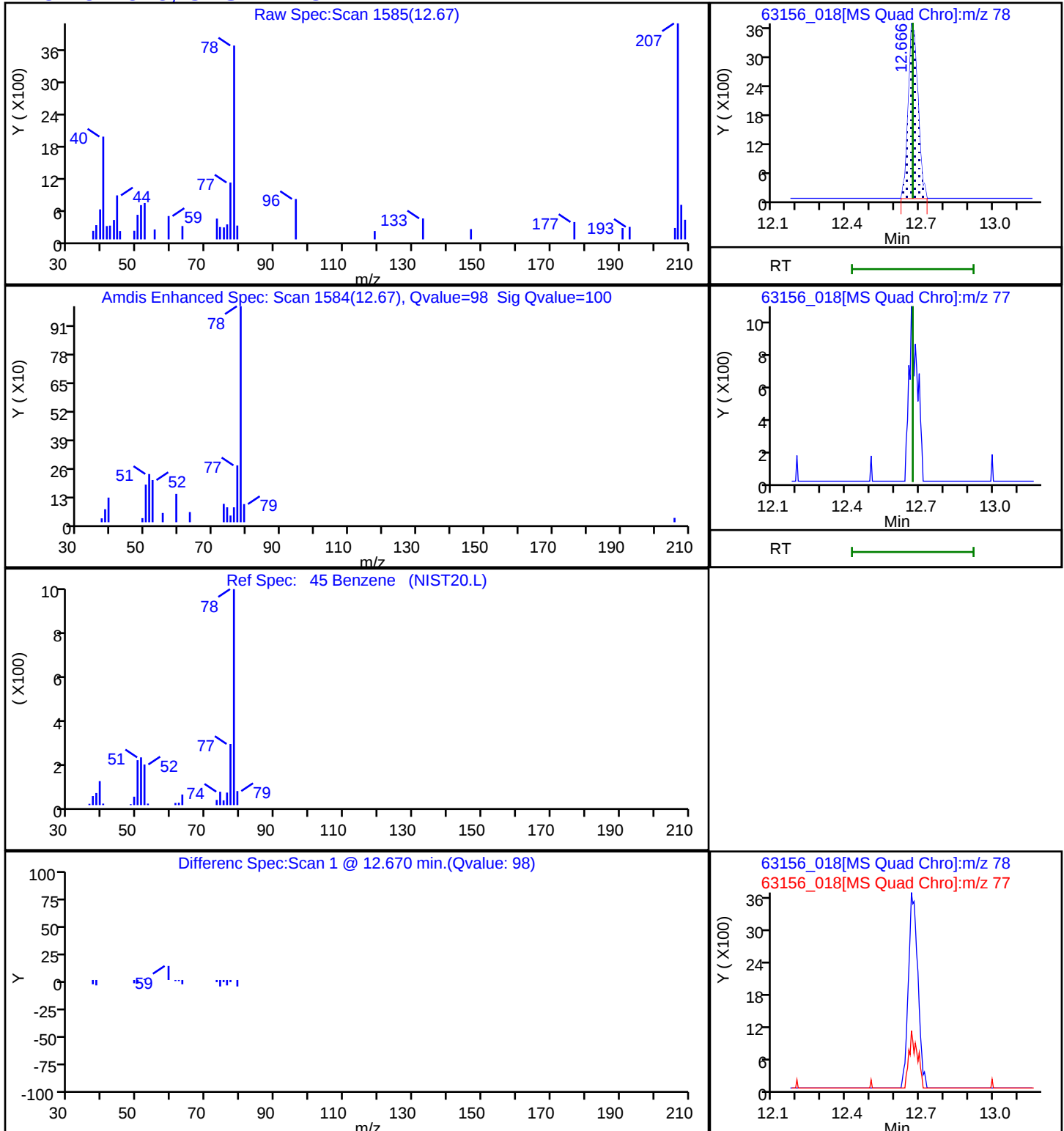
Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

45 Benzene, CAS: 71-43-2



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 200.000 mL

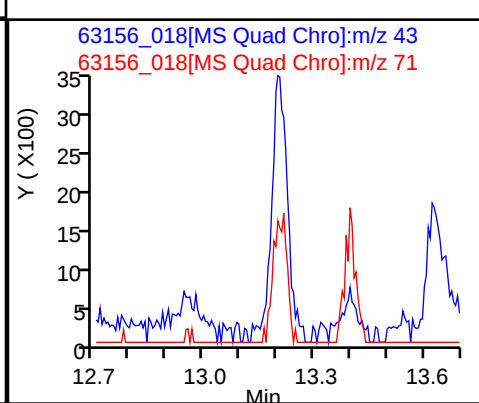
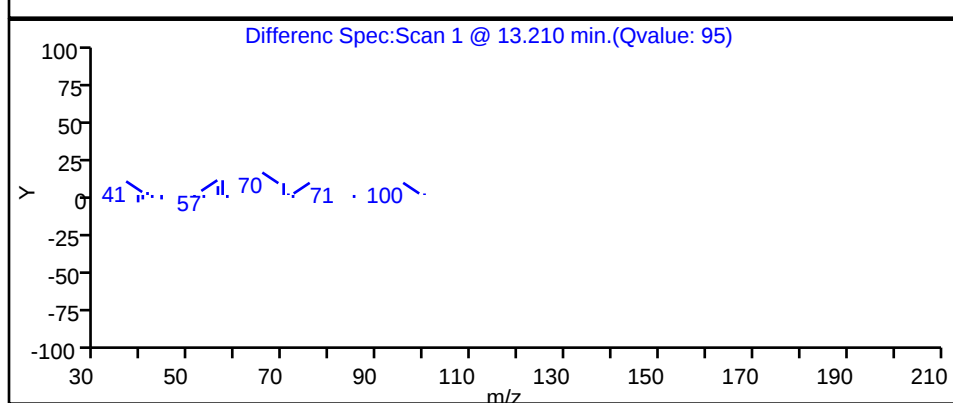
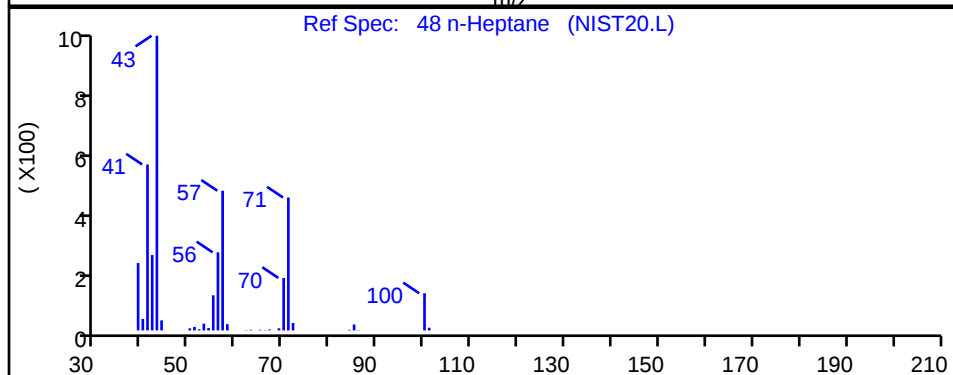
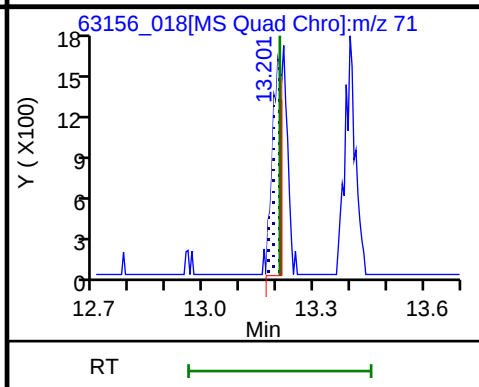
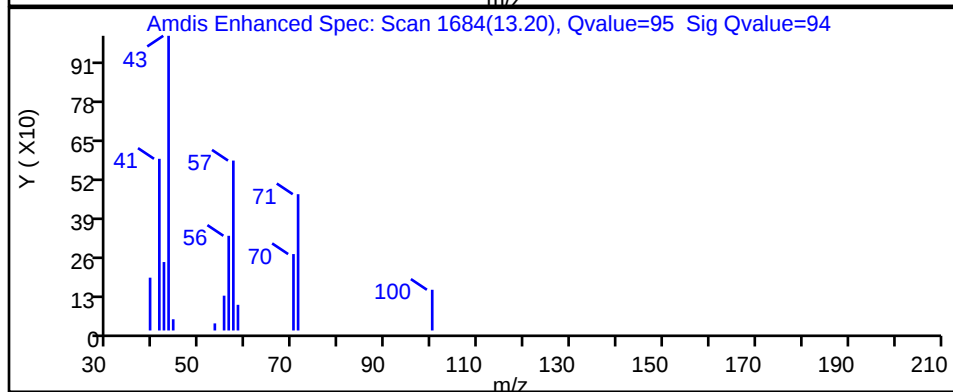
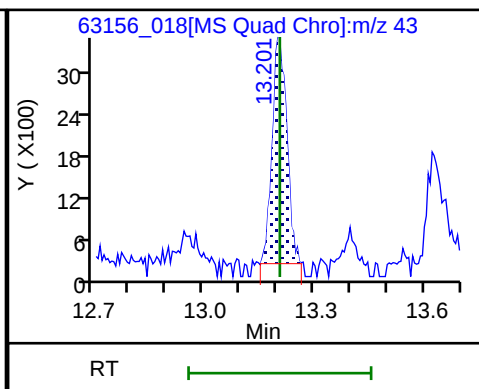
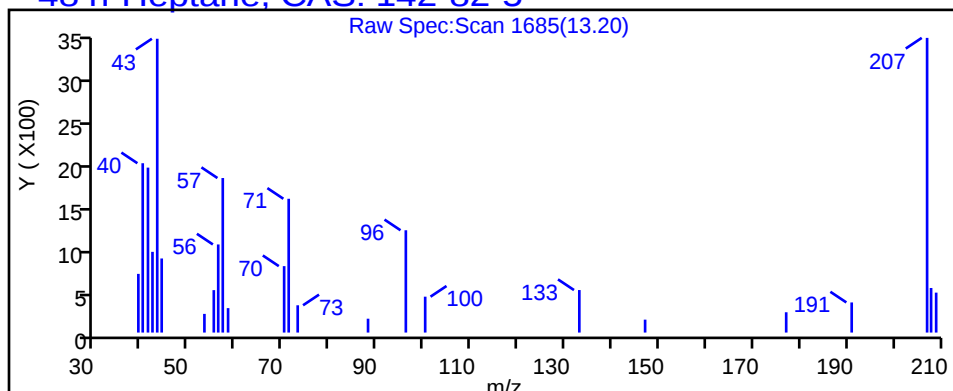
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

48 n-Heptane, CAS: 142-82-5

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 200.000 mL

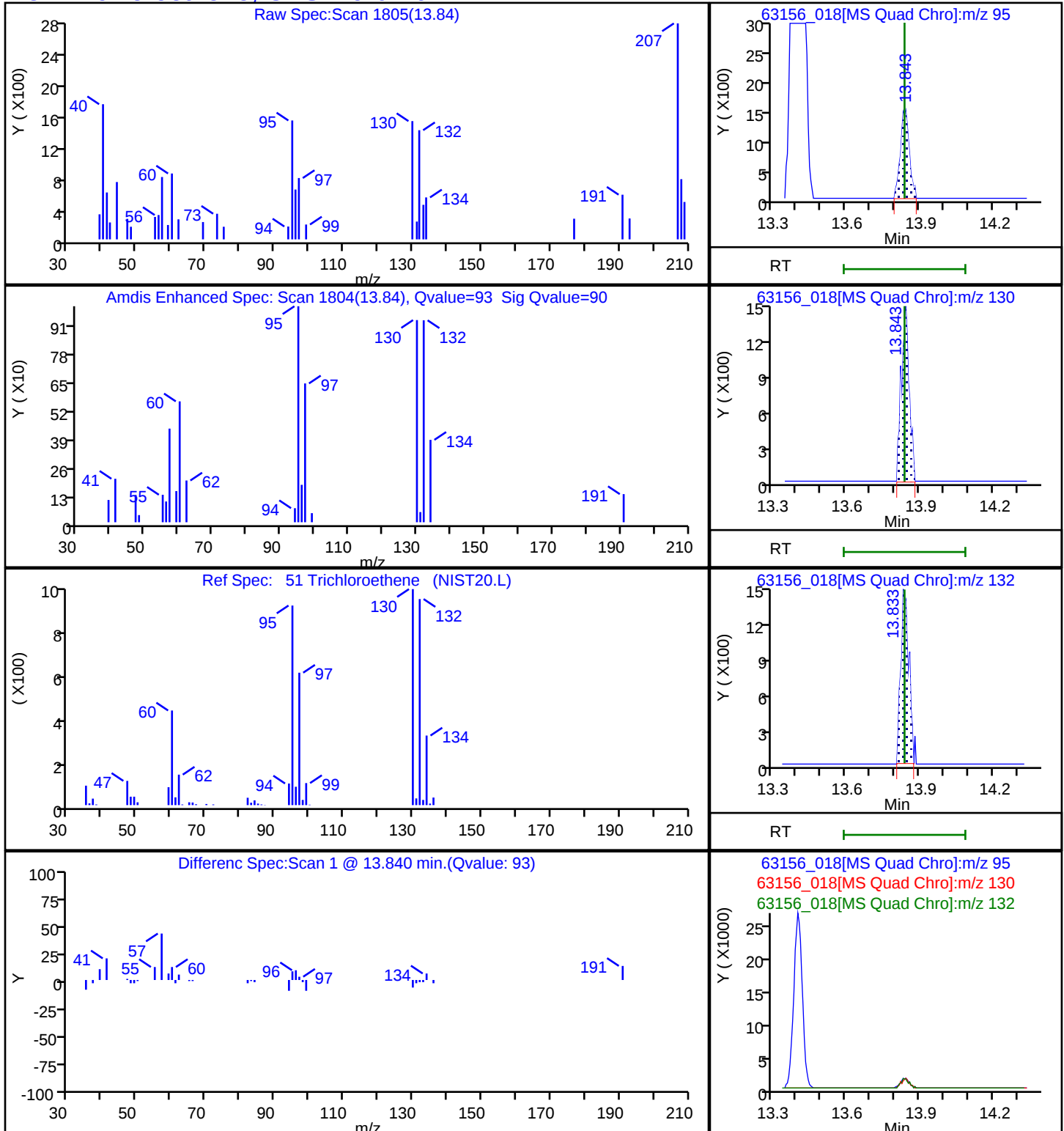
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

51 Trichloroethene, CAS: 79-01-6

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 200.000 mL

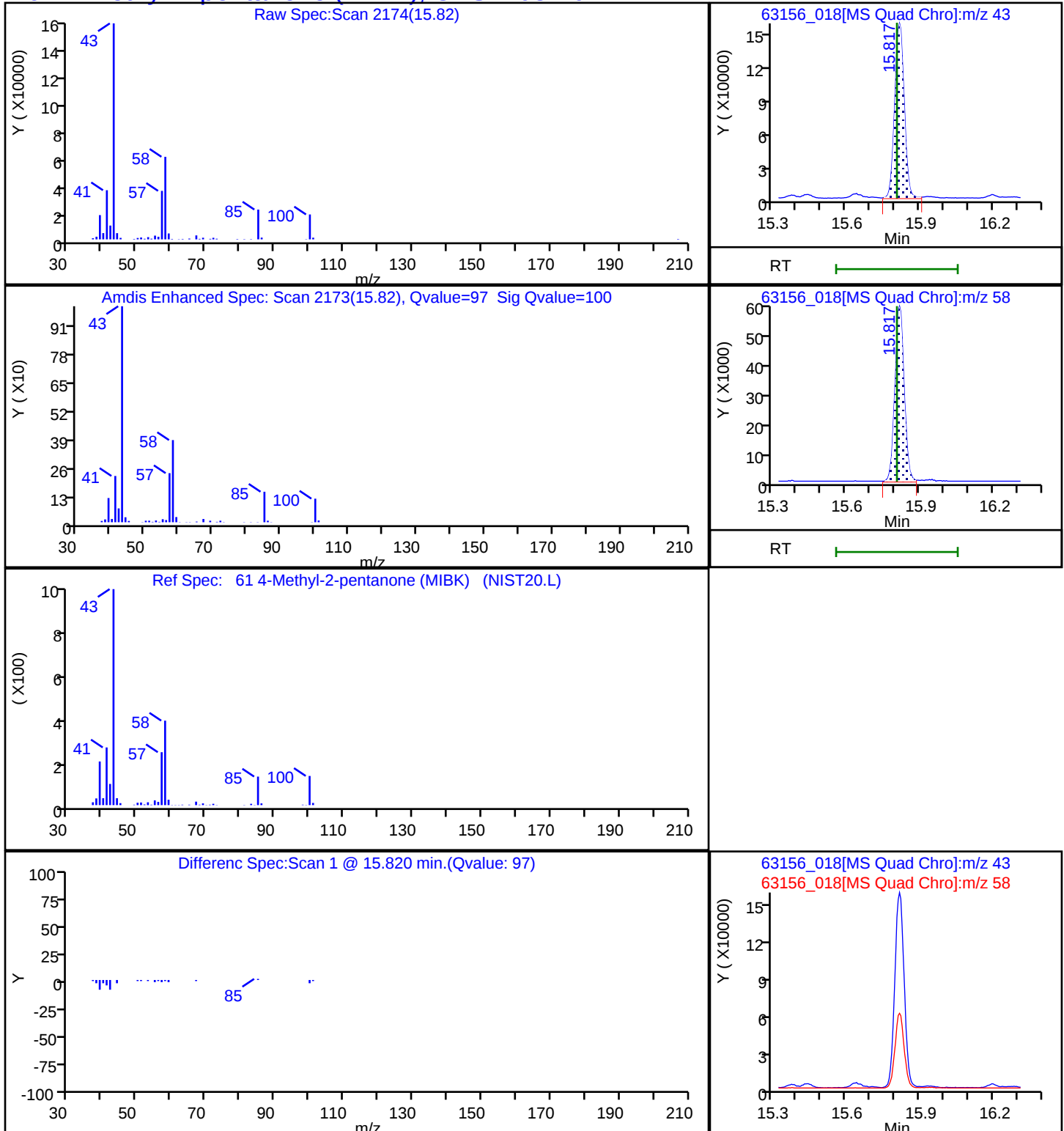
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 200.000 mL

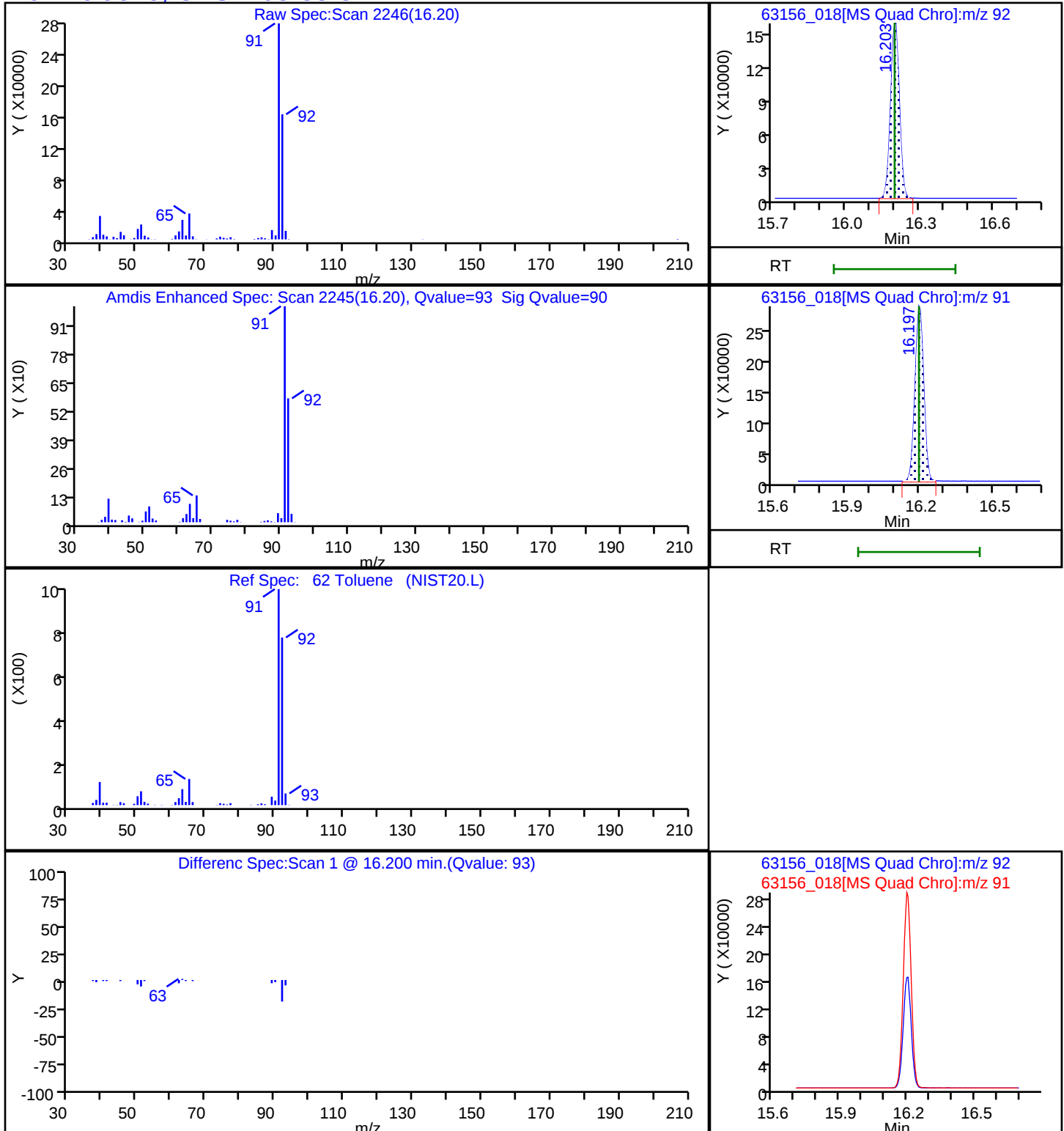
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

62 Toluene, CAS: 108-88-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 200.000 mL

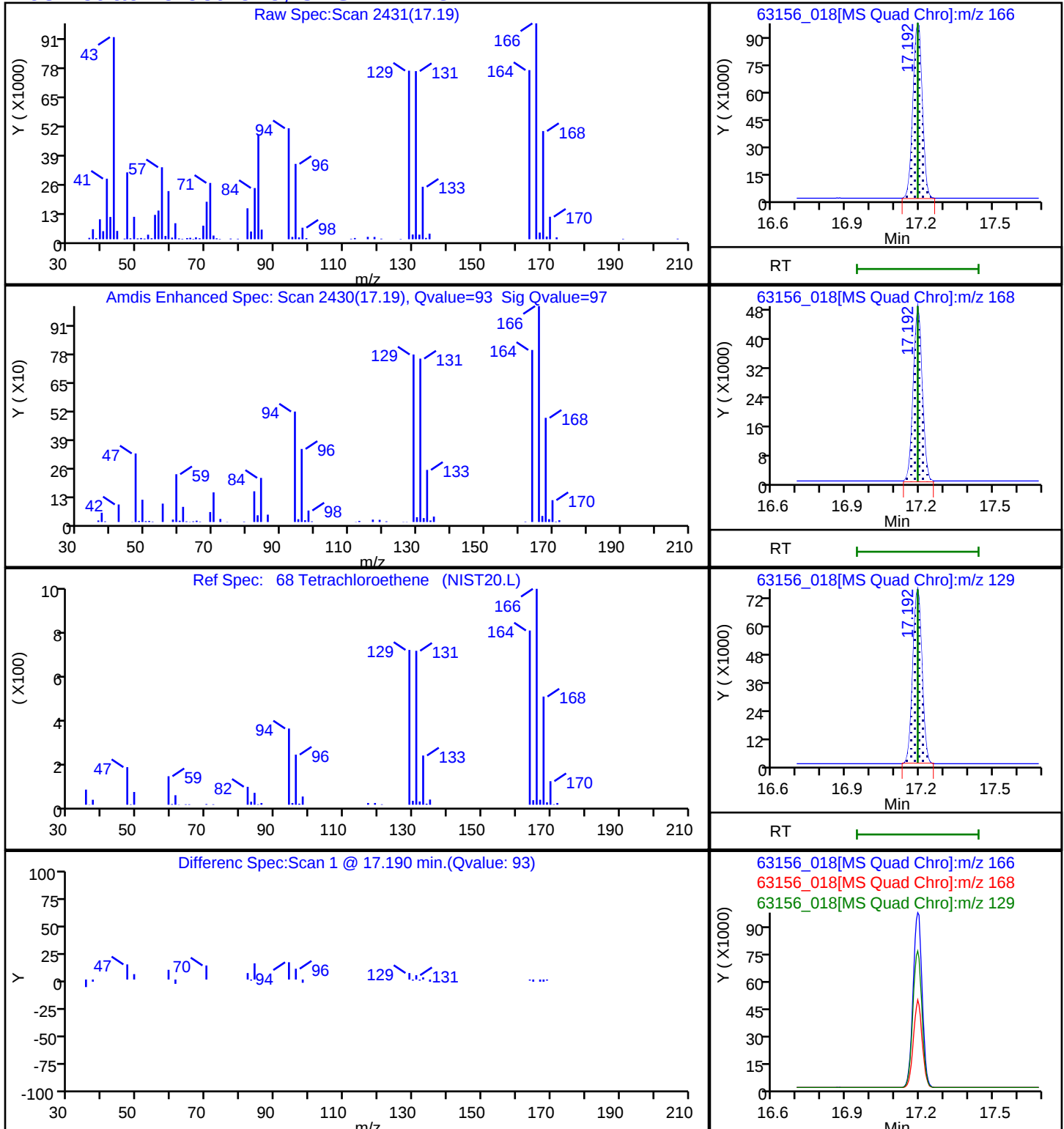
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

68 Tetrachloroethene, CAS: 127-18-4

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 200.000 mL

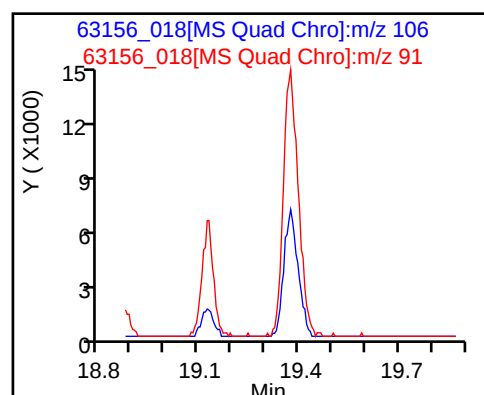
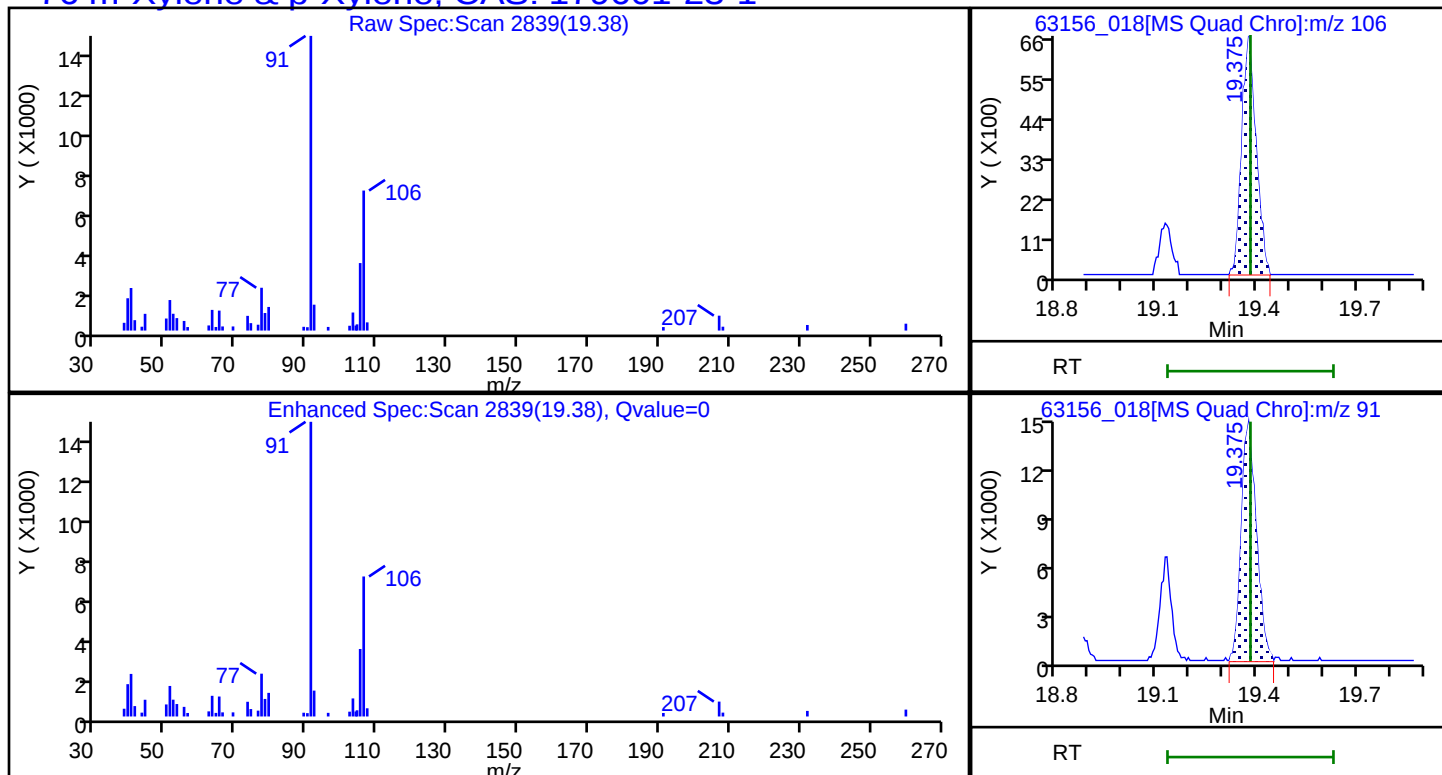
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

76 m-Xylene & p-Xylene, CAS: 179601-23-1

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

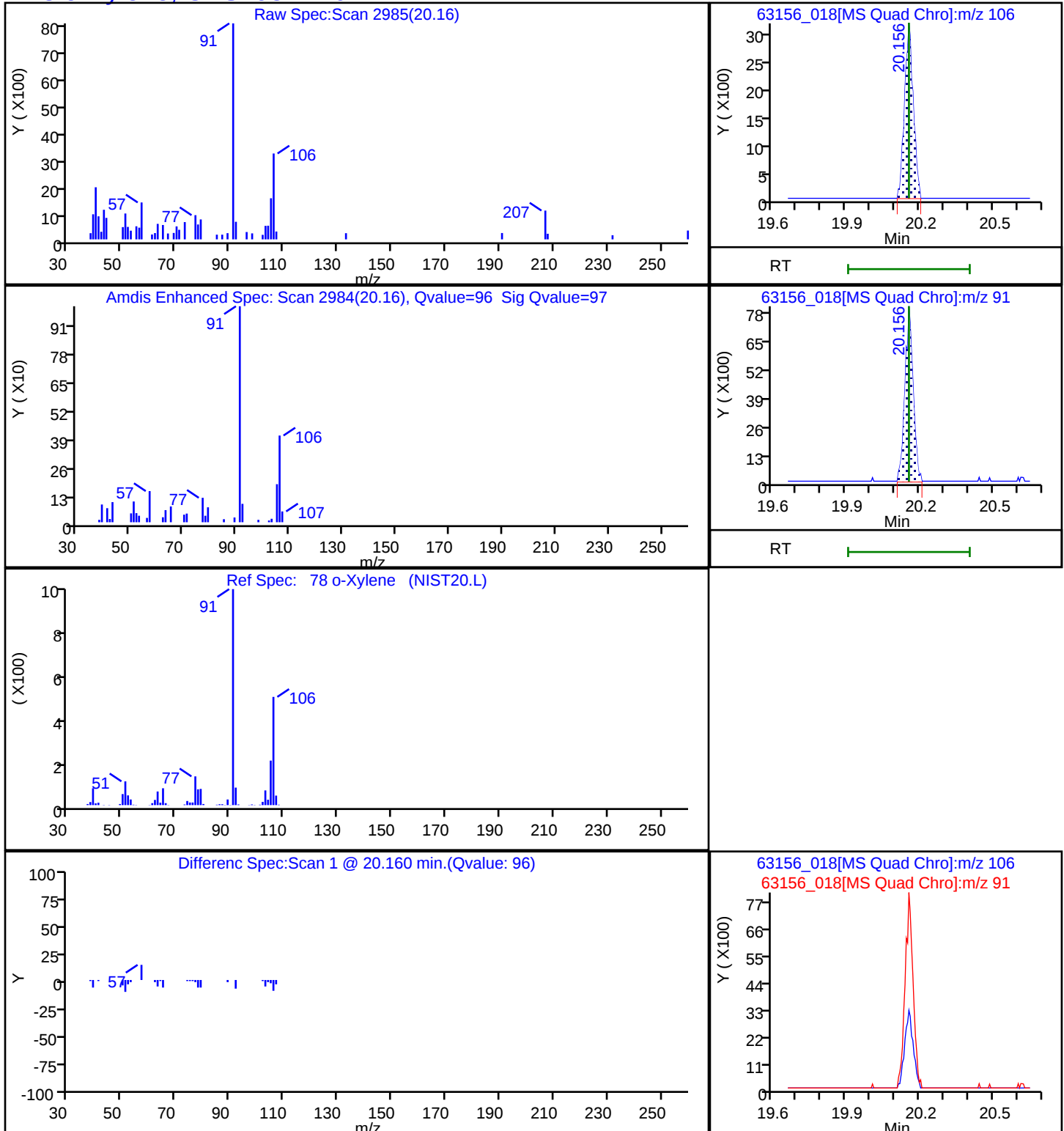
Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 o-Xylene, CAS: 95-47-6



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#:

18

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

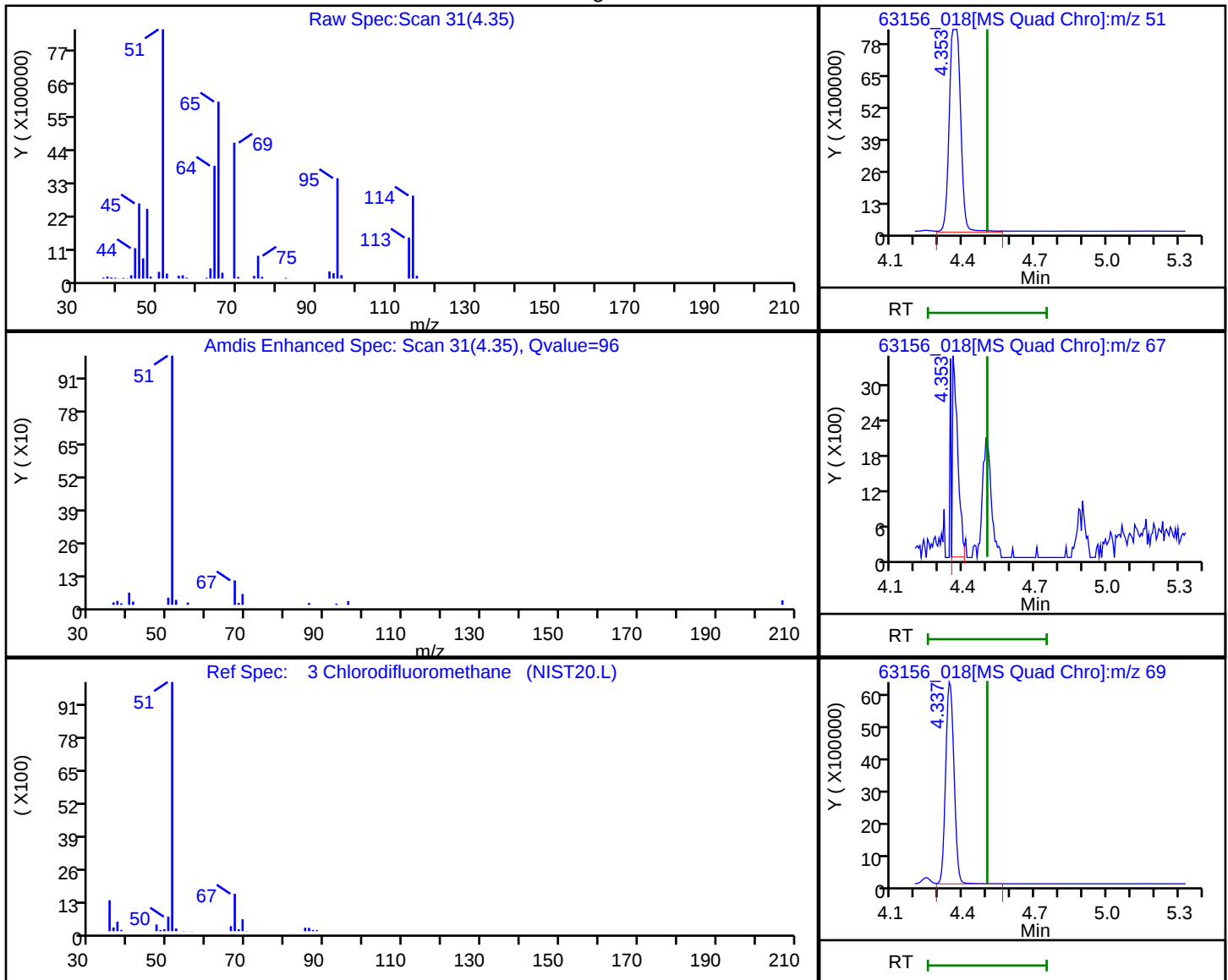
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

3 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
4.35	51.00	27705036	287.7398
4.35	67.00	5330	
4.34	69.00	15406182	

Reviewer: YWL8, 28-Nov-2024 13:37:03 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18 Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

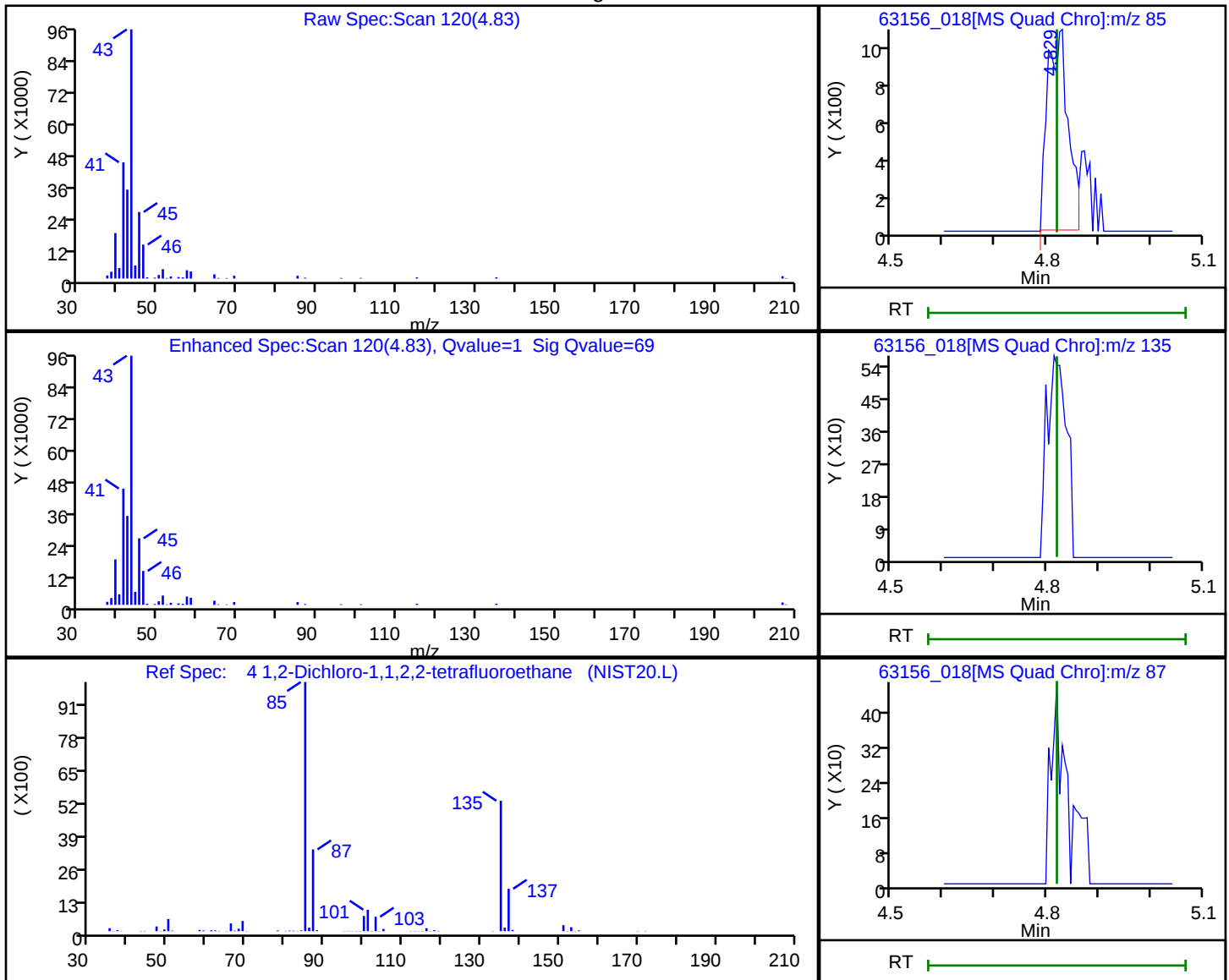
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

4 1,2-Dichloro-1,1,2,2-tetrafluoroethane, CAS: 76-14-2

Processing Results



RT	Mass	Response	Amount
4.83	85.00	2940	0.017351
4.82	135.00	0	
4.82	87.00	0	

Reviewer: YWL8, 28-Nov-2024 13:37:14 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

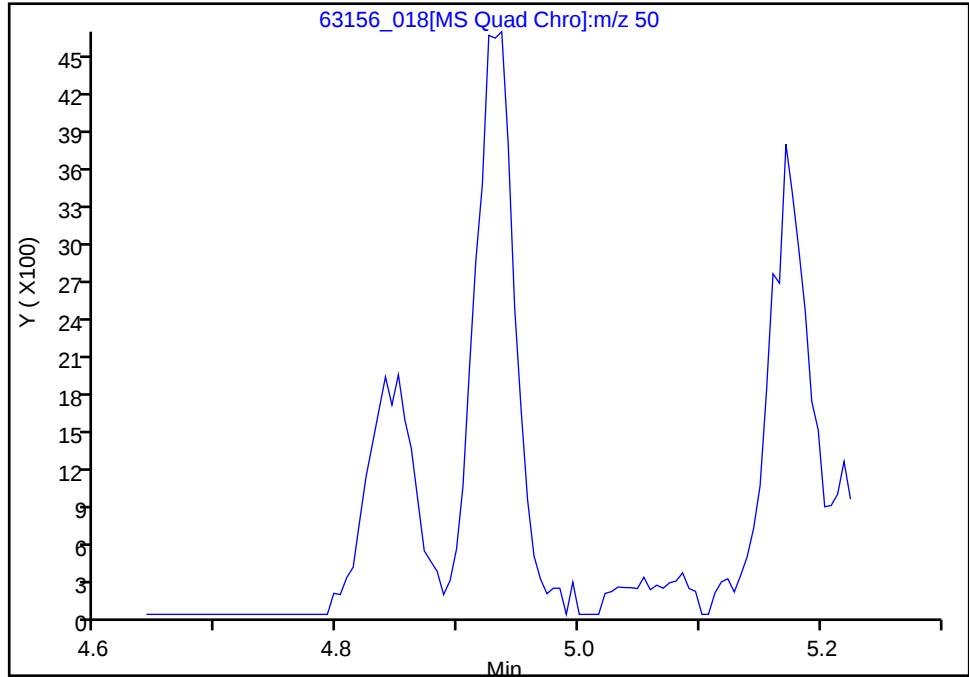
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D				
Injection Date:	27-Nov-2024 21:45:04	Instrument ID:	CHAN.i		
Lims ID:	200-76025-A-2	Lab Sample ID:	200-76025-2		
Client ID:	SVE-INT_20241126				
Operator ID:	wrd	ALS Bottle#:	18	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN		

5 Chloromethane, CAS: 74-87-3

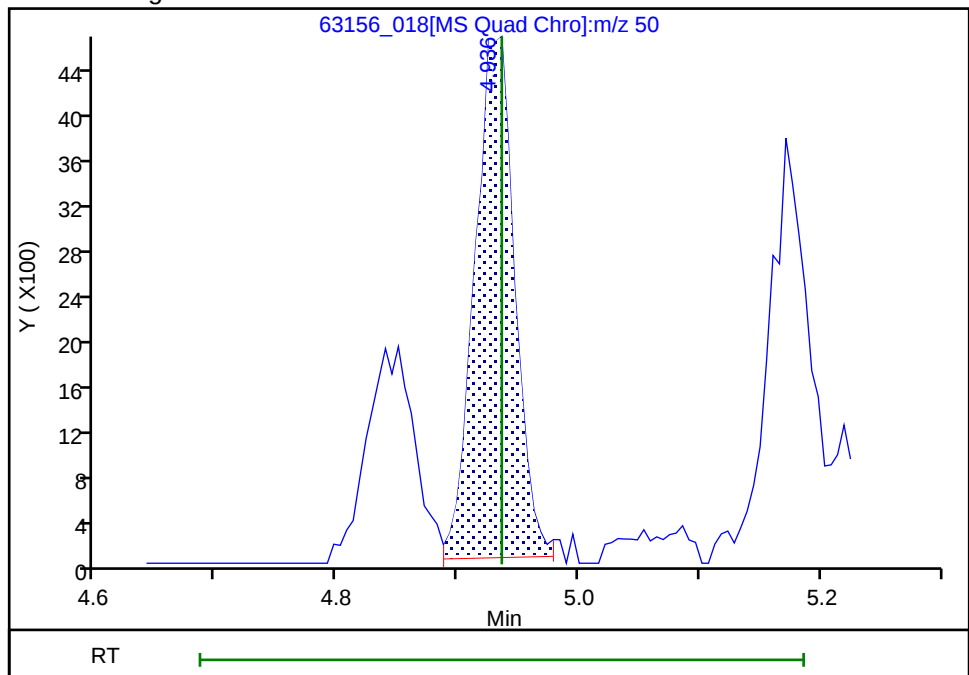
Signal: 1

Not Detected
Expected RT: 4.94

Processing Integration Results



Manual Integration Results



Reviewer: YWL8, 28-Nov-2024 13:37:21 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

User Disabled Compound Report

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18 Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

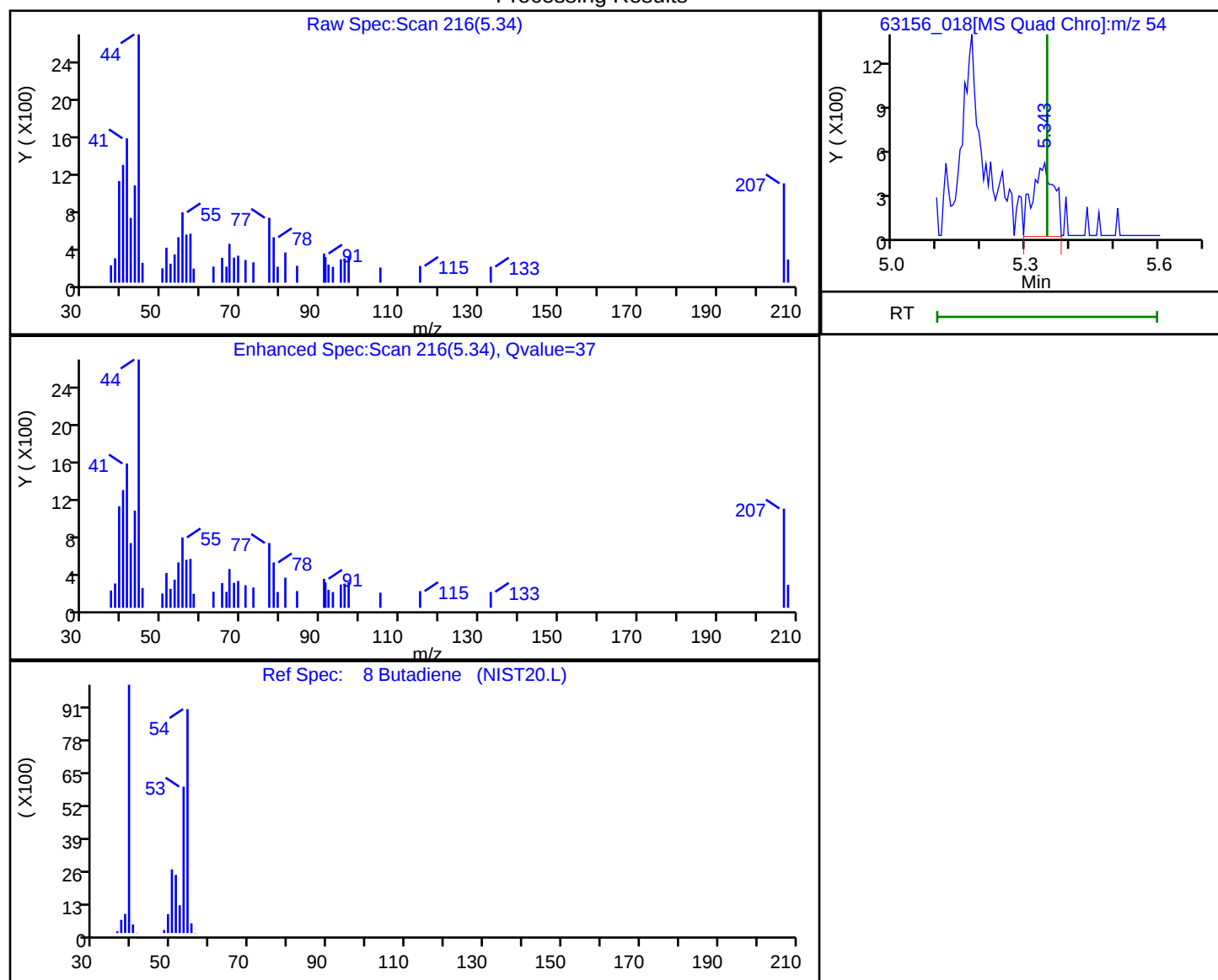
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

8 Butadiene, CAS: 106-99-0

Processing Results



RT	Mass	Response	Amount
5.34	54.00	1633	0.030327

Reviewer: YWL8, 28-Nov-2024 13:37:27 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18 Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

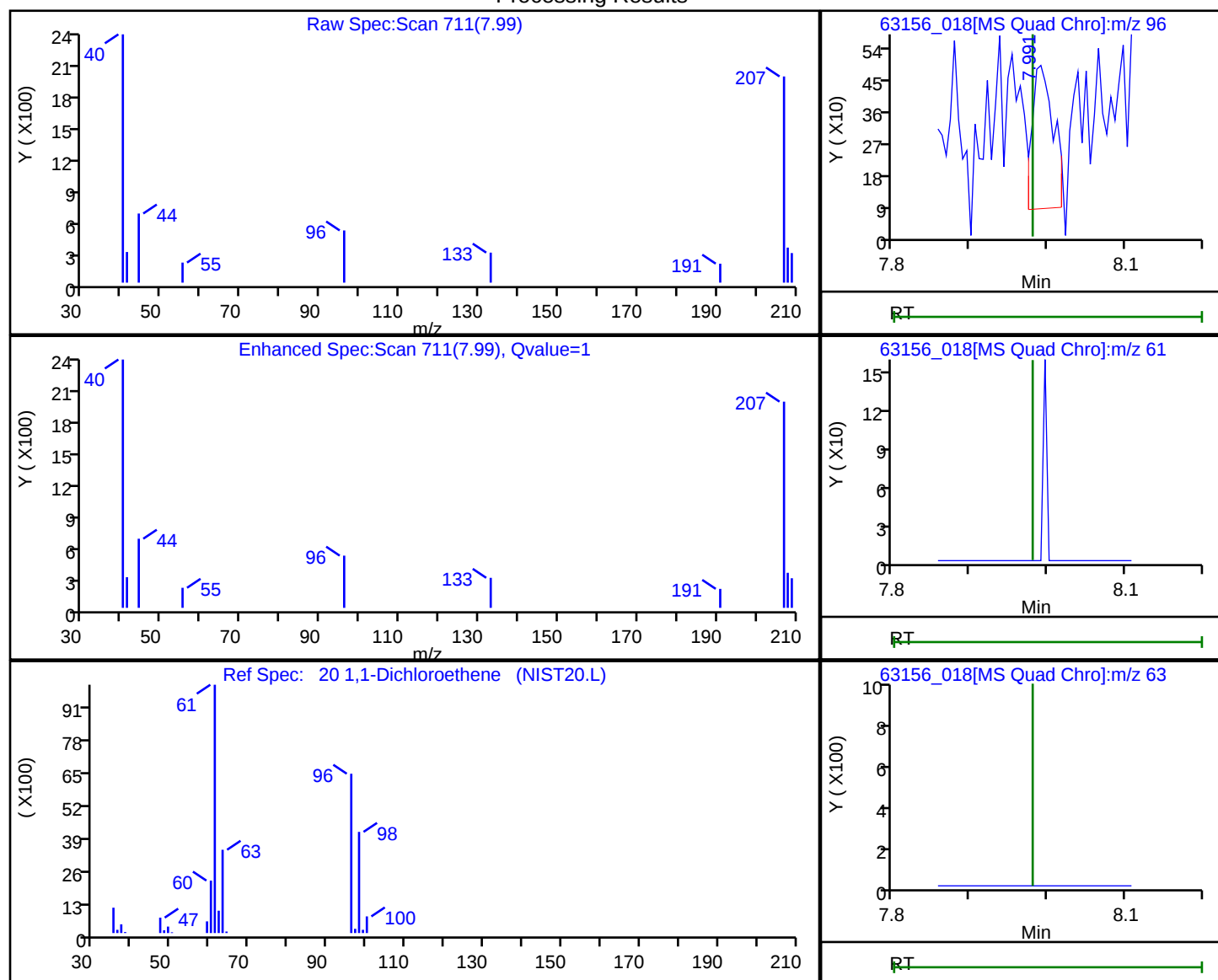
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
7.99	96.00	793	0.011525
7.98	61.00	0	
7.98	63.00	0	

Reviewer: YWL8, 28-Nov-2024 13:53:48 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18 Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

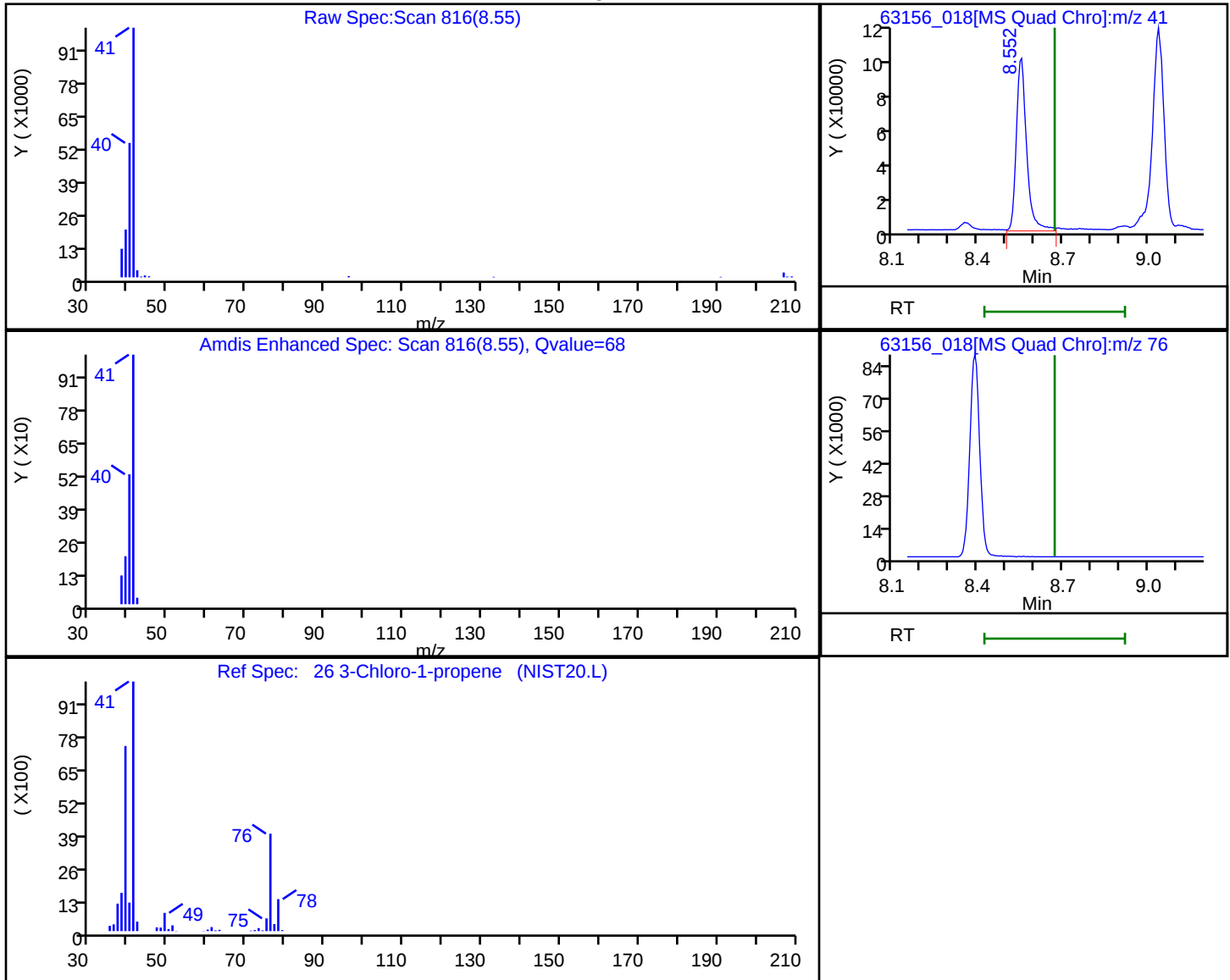
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
8.55	41.00	249731	3.160922
8.67	76.00	0	

Reviewer: YWL8, 28-Nov-2024 13:53:54 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18 Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

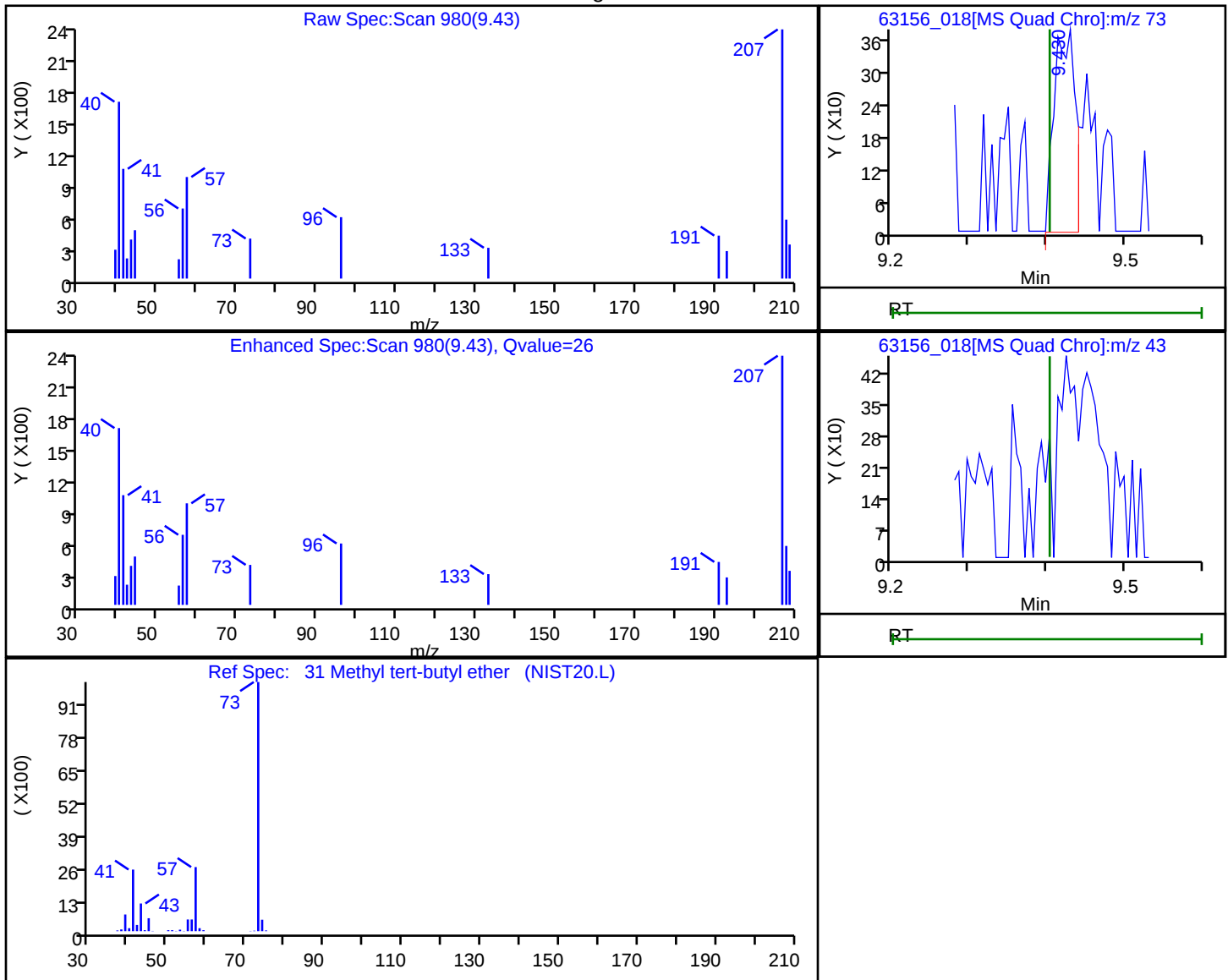
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
9.43	73.00	714	0.004208
9.40	43.00	0	

Reviewer: YWL8, 28-Nov-2024 14:06:51 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

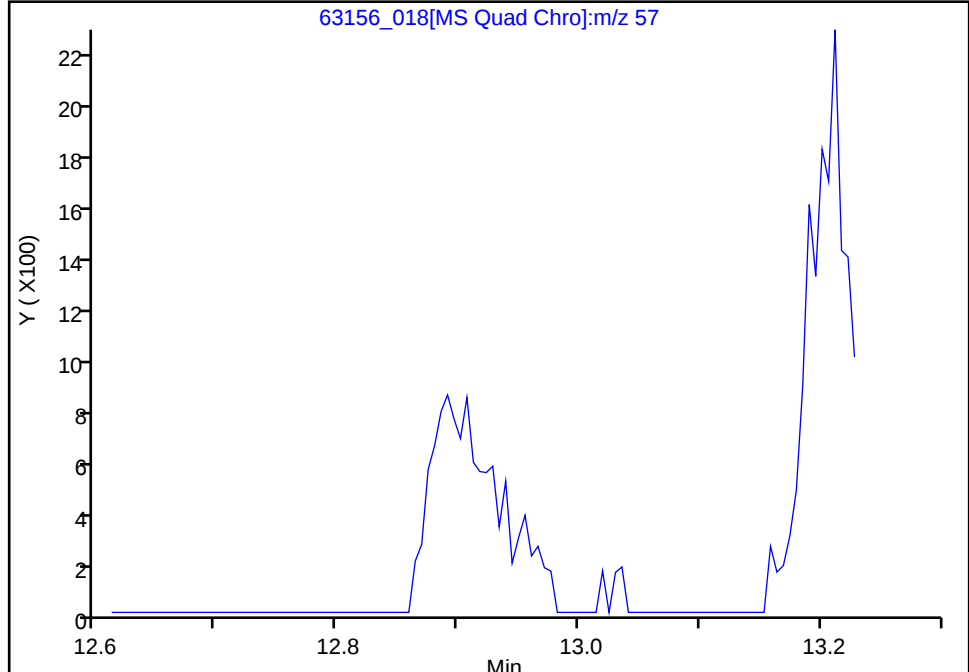
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D		
Injection Date:	27-Nov-2024 21:45:04	Instrument ID:	CHAN.i
Lims ID:	200-76025-A-2	Lab Sample ID:	200-76025-2
Client ID:	SVE-INT_20241126		
Operator ID:	wrd	ALS Bottle#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN
		Worklist Smp#:	18

47 Isooctane, CAS: 540-84-1

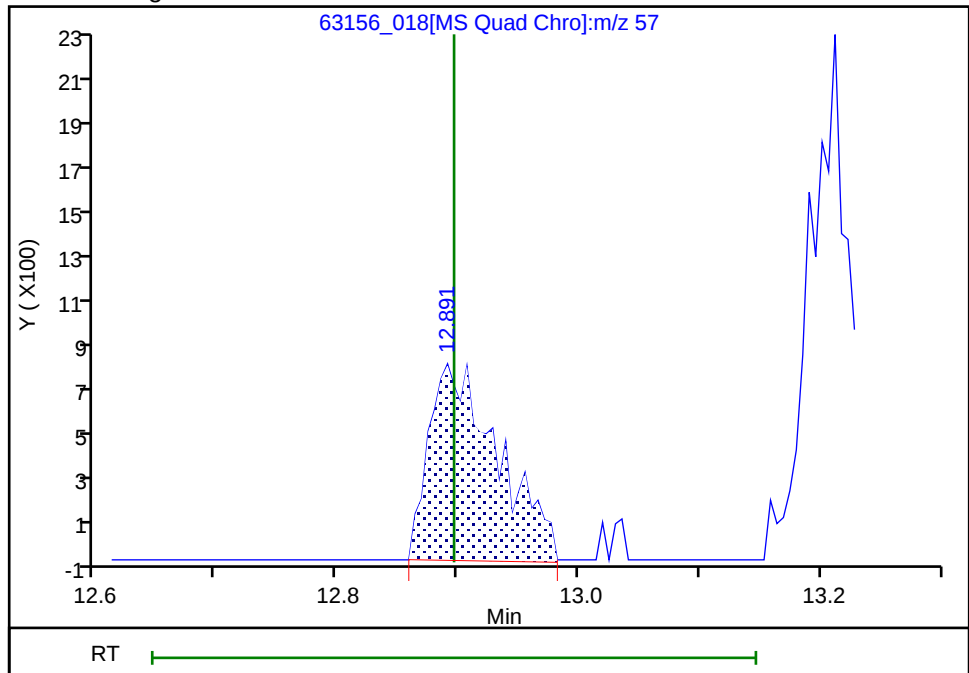
Signal: 1

Not Detected
Expected RT: 12.90

Processing Integration Results



Manual Integration Results



RT: 12.89
Area: 3309
Amount: 0.010244
Amount Units: ppb v/v

Reviewer: YWL8, 28-Nov-2024 14:07:49 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18 Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

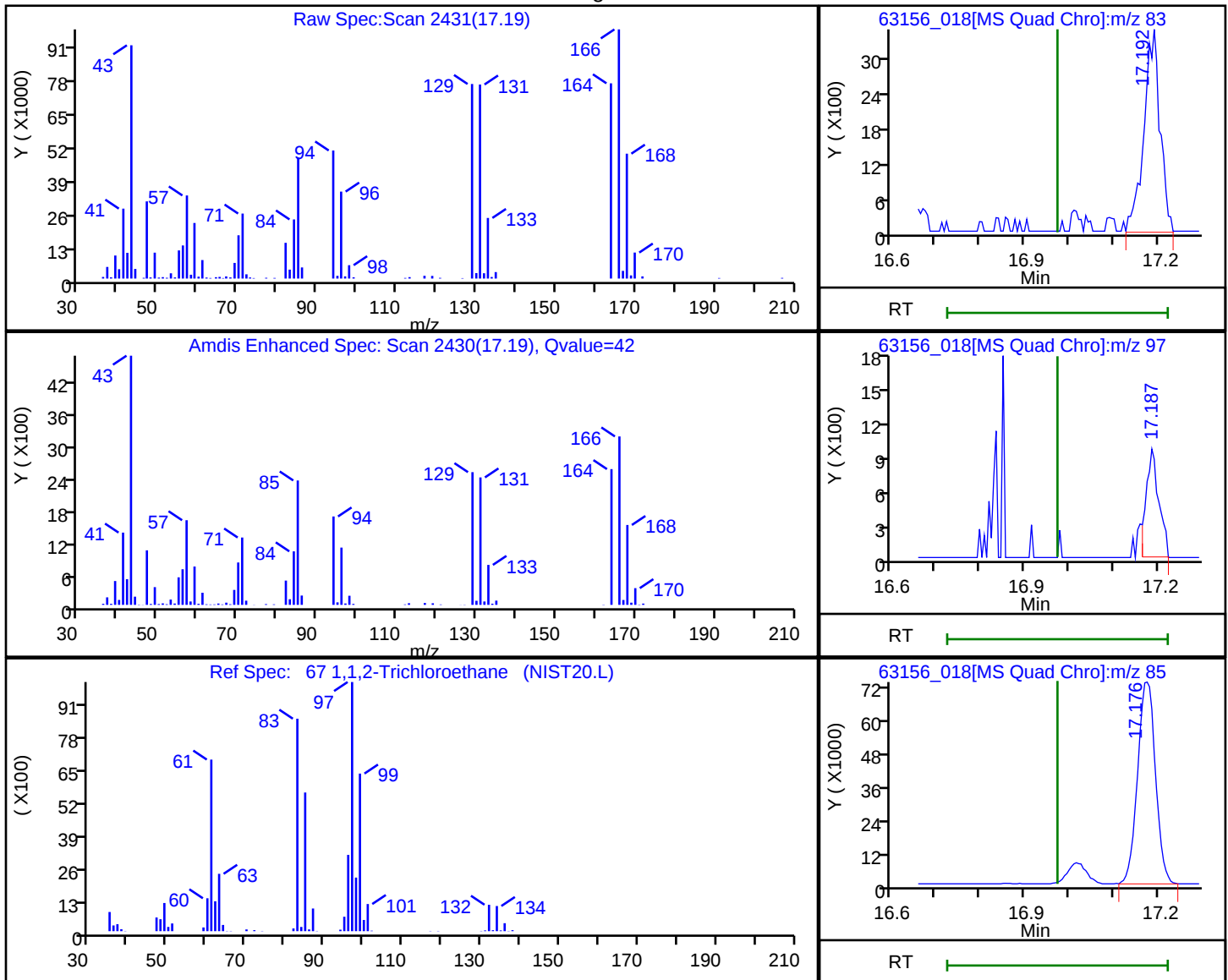
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

67 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
17.19	83.00	8799	0.111754
17.19	97.00	1869	
17.18	85.00	206673	

Reviewer: YWL8, 28-Nov-2024 14:08:25 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18 Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

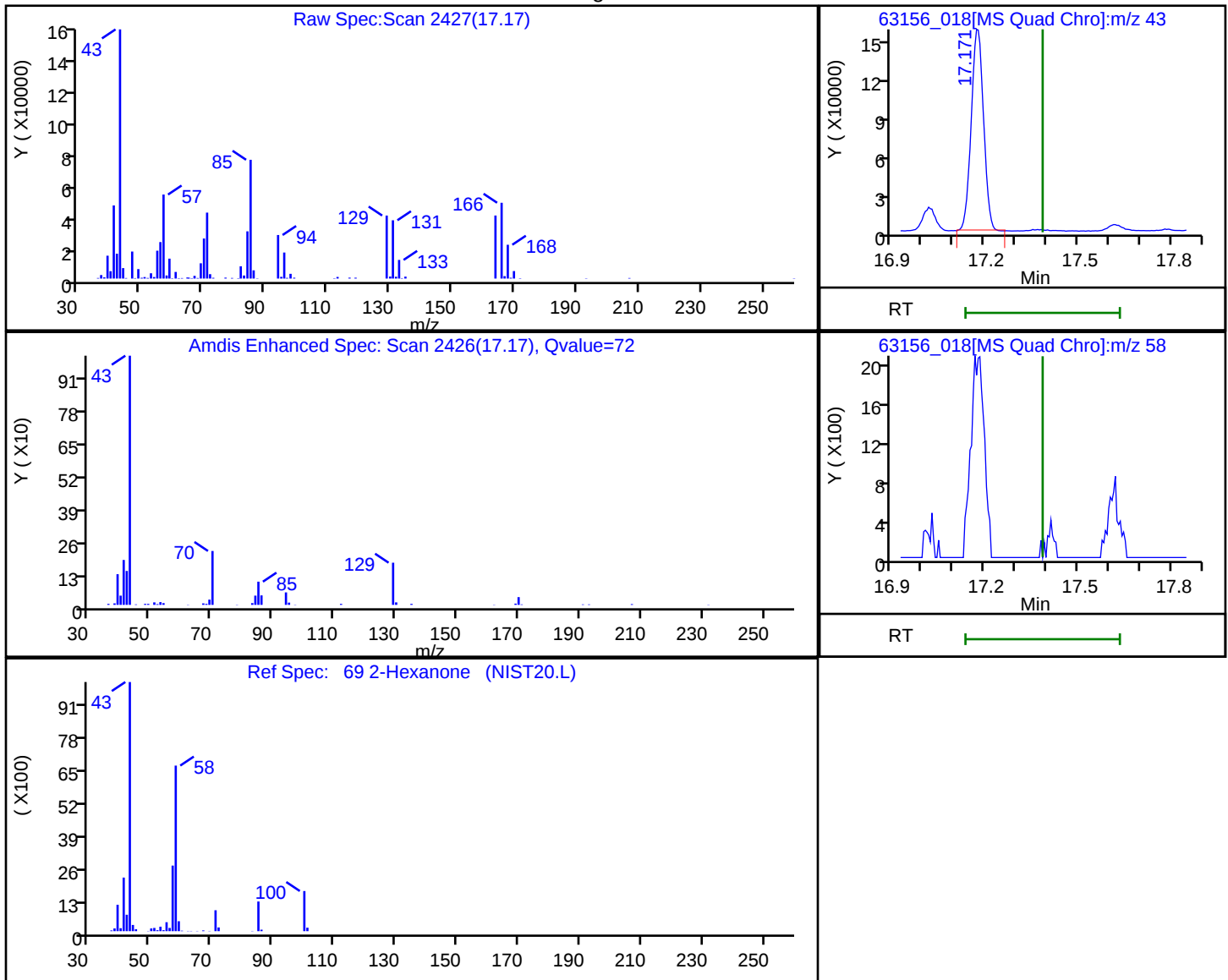
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

69 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
17.17	43.00	424919	3.009657
17.39	58.00	0	

Reviewer: YWL8, 28-Nov-2024 14:08:29 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18 Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

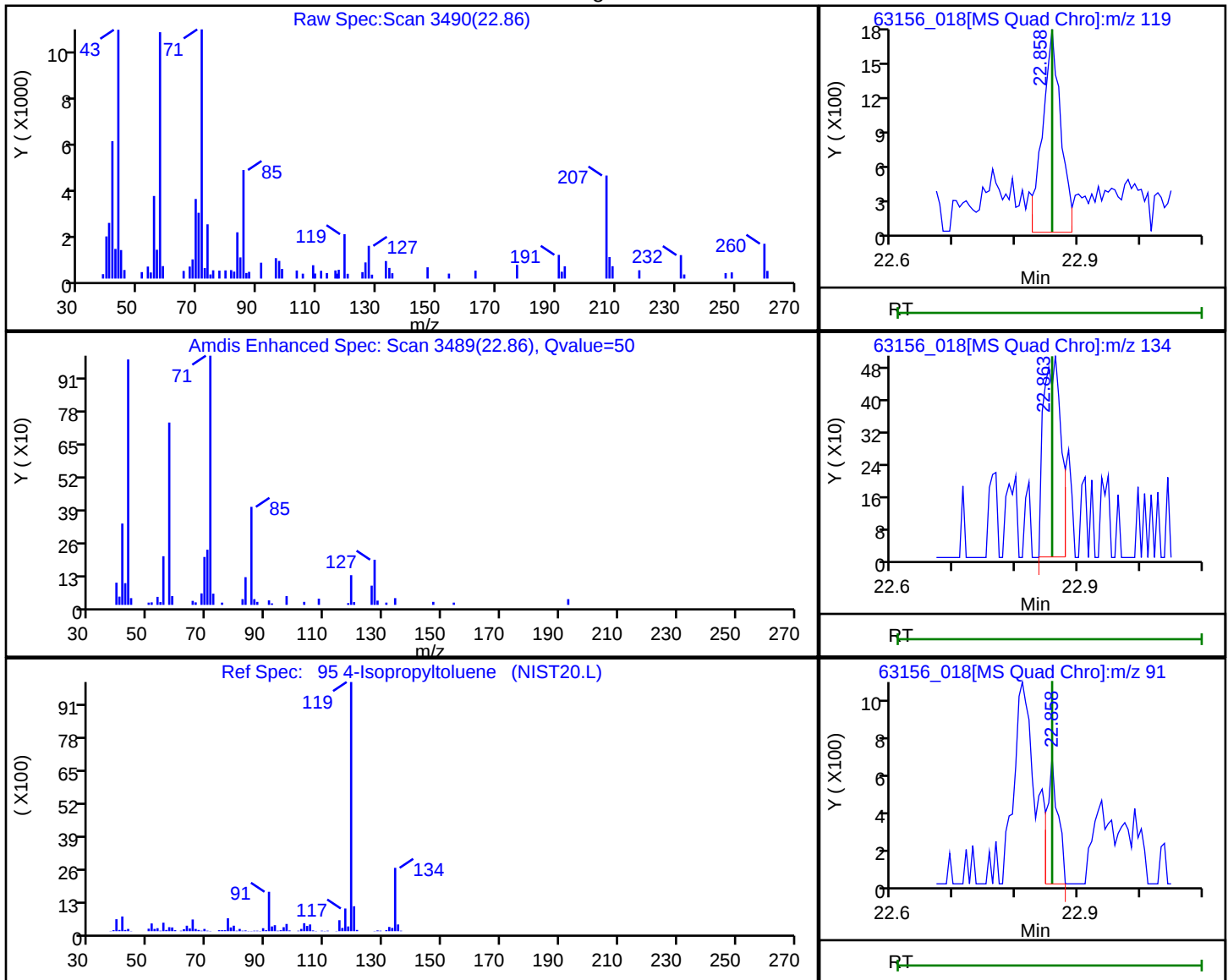
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

95 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
22.86	119.00	3645	0.010427
22.86	134.00	998	
22.86	91.00	767	

Reviewer: YWL8, 28-Nov-2024 14:11:59 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_018.D

Injection Date: 27-Nov-2024 21:45:04

Instrument ID: CHAN.i

Lims ID: 200-76025-A-2

Lab Sample ID: 200-76025-2

Client ID: SVE-INT_20241126

Operator ID: wrd

ALS Bottle#: 18 Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

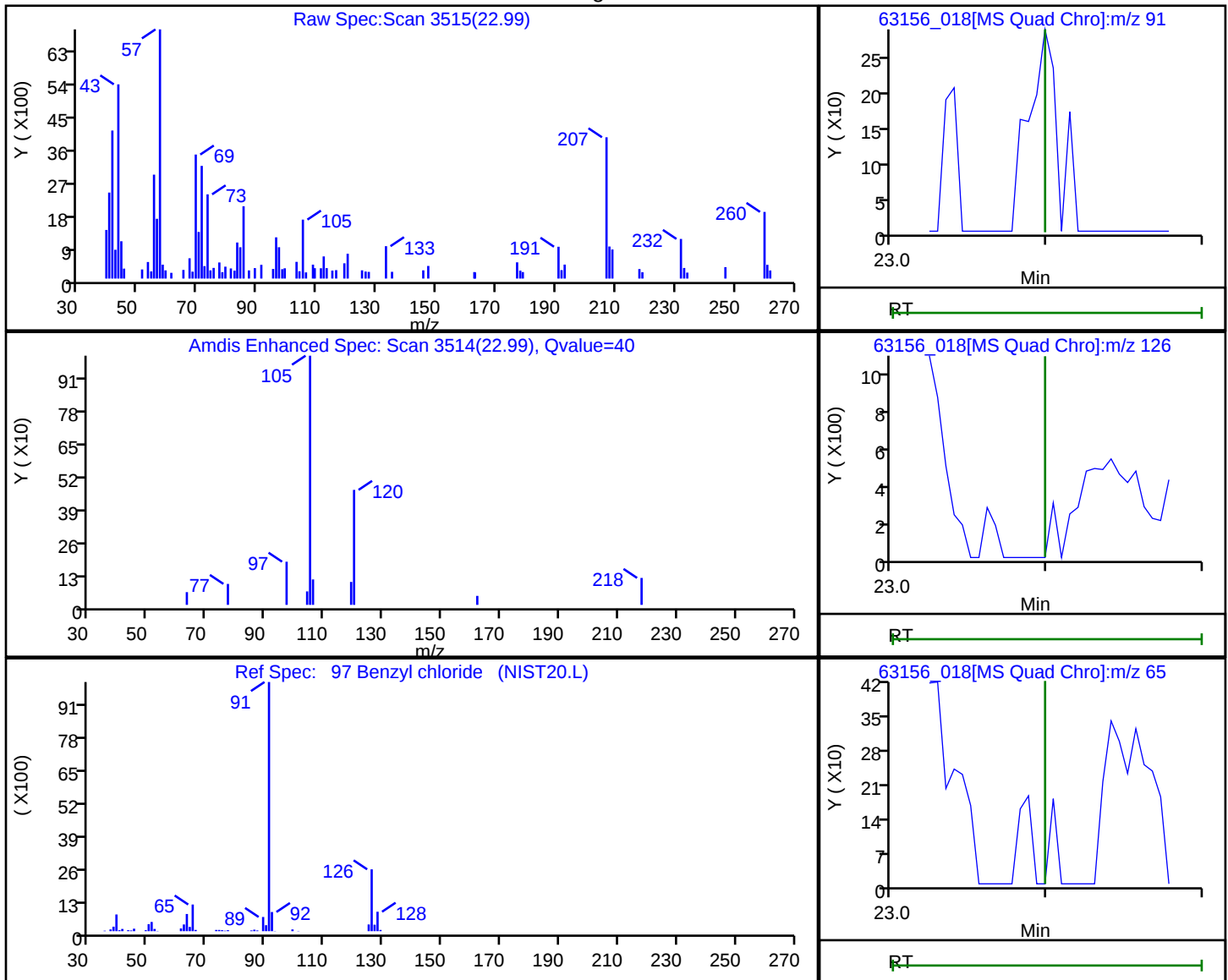
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

97 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
22.99	91.00	398	0.001461
23.10	126.00	0	
23.10	65.00	0	

Reviewer: YWL8, 28-Nov-2024 14:17:45 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Client Sample ID: SVE-EFF_20241126 Lab Sample ID: 200-76025-3

Matrix: Air Lab File ID: 63156_020.D

Analysis Method: TO-15 Date Collected: 11/26/2024 13:00

Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 23:28

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 211470 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.47	J	0.50	0.11
75-45-6	Freon 22	86.47	0.50	U	0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.19	J	0.50	0.15
106-97-8	n-Butane	58.12	2.3		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.18	J	0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	3.8	J	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	1.6
75-15-0	Carbon disulfide	76.14	1.0		0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.94		0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.13	J	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	0.40	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Client Sample ID: SVE-EFF_20241126 Lab Sample ID: 200-76025-3

Matrix: Air Lab File ID: 63156_020.D

Analysis Method: TO-15 Date Collected: 11/26/2024 13:00

Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 23:28

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 211470 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.11	J	0.20	0.044
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.10	J	0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.082
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	1.5		0.50	0.13
108-88-3	Toluene	92.14	2.7		0.20	0.062
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.36		0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.069
179601-23-1	m,p-Xylene	106.17	0.14	J	0.50	0.095
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.063
1330-20-7	Xylene (total)	106.17	0.14	J	0.70	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.042	J	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-EFF_20241126 Lab Sample ID: 200-76025-3
 Matrix: Air Lab File ID: 63156_020.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 13:00
 Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 23:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061
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
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-76025-1</u>
SDG No.: _____	
Client Sample ID: <u>SVE-EFF_20241126</u>	Lab Sample ID: <u>200-76025-3</u>
Matrix: <u>Air</u>	Lab File ID: <u>63156_020.D</u>
Analysis Method: <u>TO-15</u>	Date Collected: <u>11/26/2024 13:00</u>
Sample wt/vol: <u>200 (mL)</u>	Date Analyzed: <u>11/27/2024 23:28</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>211470</u>	Units: <u>ug/m3</u>
Preparation Batch No.: _____	Instrument ID: <u>CHAN.i</u>

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.3	J	2.5	0.54
75-45-6	Freon 22	86.47	1.8	U	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	0.39	J	1.0	0.31
106-97-8	n-Butane	58.12	5.5		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	0.99	J	1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	8.9	J	12	3.8
67-63-0	Isopropyl alcohol	60.10	12	U	12	3.9
75-15-0	Carbon disulfide	76.14	3.2		1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	3.3		1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.46	J	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	1.6	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Client Sample ID: SVE-EFF_20241126 Lab Sample ID: 200-76025-3

Matrix: Air Lab File ID: 63156_020.D

Analysis Method: TO-15 Date Collected: 11/26/2024 13:00

Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 23:28

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 211470 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	0.35	J	0.64	0.14
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.41	J	0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	0.30
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	6.0		2.0	0.53
108-88-3	Toluene	92.14	10		0.75	0.23
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	2.4		1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.30
179601-23-1	m,p-Xylene	106.17	0.63	J	2.2	0.41
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.27
1330-20-7	Xylene (total)	106.17	0.61	J	3.0	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.21	J	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-EFF_20241126 Lab Sample ID: 200-76025-3
 Matrix: Air Lab File ID: 63156_020.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 13:00
 Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 23:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ug/m3
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D
 Lims ID: 200-76025-A-3
 Client ID: SVE-EFF_20241126
 Sample Type: Client
 Inject. Date: 27-Nov-2024 23:28:31 ALS Bottle#: 20 Worklist Smp#: 20
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0063156-020
 Operator ID: wrd Instrument ID: CHAN.i
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 28-Nov-2024 15:02:47 Calib Date: 17-Nov-2024 22:53:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: YWL8

Date: 28-Nov-2024 15:02:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.449	4.457	-0.006	99	74032	0.4704	
3 Chlorodifluoromethane	51		4.497				ND	MU
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.818				ND	7
5 Chloromethane	50	4.936	4.936	0.000	86	11786	0.1864	M
6 Vinyl chloride	62		5.230				ND	
7 Butane	43	5.230	5.238	-0.006	99	216027	2.32	
8 Butadiene	54		5.348				ND	MU
9 Bromomethane	94		6.070				ND	
10 Chloroethane	64		6.343				ND	
13 Vinyl bromide	106		6.760				ND	
14 Trichlorofluoromethane	101	6.931	6.929	0.005	97	25799	0.1770	
20 1,1-Dichloroethene	96		7.980				ND	7
21 1,1,2-Trichloro-1,2,2-trifluoro	101		8.023				ND	
22 Acetone	43	8.060	8.048	0.016	98	326678	3.76	
23 Isopropyl alcohol	45	8.360	8.337	0.027	100	106018	1.09	
24 Carbon disulfide	76	8.387	8.391	0.000	100	202604	1.04	
26 3-Chloro-1-propene	41		8.670				ND	MU
27 Methylene Chloride	49	8.900	8.899	0.005	98	68237	0.9398	
28 2-Methyl-2-propanol	59	9.120	9.102	0.022	92	21951	0.1732	
30 trans-1,2-Dichloroethene	61		9.398				ND	
31 Methyl tert-butyl ether	73		9.403				ND	
32 Hexane	57	9.917	9.921	0.000	94	13923	0.1318	
33 1,1-Dichloroethane	63		10.157				ND	
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
36 2-Butanone (MEK)	72	11.147	11.120	0.032	100	7433	0.2116	
37 cis-1,2-Dichloroethene	96		11.153				ND	7
* 39 Chlorobromomethane	128	11.559	11.554	0.005	97	458724	10.0	
40 Tetrahydrofuran	42		11.602				ND	7
41 Chloroform	83	11.741	11.741	0.005	1	1131	0.008373	7M
42 1,1,1-Trichloroethane	97		12.046				ND	7
43 Cyclohexane	84	12.190	12.190	-0.006	46	1528	0.0164	M
44 Carbon tetrachloride	117	12.329	12.329	0.000	1	866	0.006444	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Benzene	78	12.677	12.672	0.005	97	23768	0.1084	
46 1,2-Dichloroethane	62		12.736				ND	
47 Isooctane	57	12.902	12.902	0.005	33	3811	0.0112	7M
48 n-Heptane	43	13.207	13.207	0.000	97	12412	0.1008	
* 49 1,4-Difluorobenzene	114	13.399	13.399	0.000	96	2252831	10.0	
51 Trichloroethene	95		13.838				ND	
53 1,2-Dichloropropane	63		14.282				ND	MU
54 Methyl methacrylate	69		14.373				ND	
55 1,4-Dioxane	88		14.411				ND	
58 Dichlorobromomethane	83		14.748				ND	
59 cis-1,3-Dichloropropene	75		15.550				ND	
61 4-Methyl-2-pentanone (MIBK)	43	15.817	15.807	0.010	97	226753	1.47	
62 Toluene	92	16.197	16.197	0.000	93	425733	2.69	
66 trans-1,3-Dichloropropene	75		16.599				ND	7
67 1,1,2-Trichloroethane	83		16.973				ND	
68 Tetrachloroethene	166	17.192	17.193	0.000	94	44069	0.3561	
69 2-Hexanone	43		17.385				ND	MU
70 Chlorodibromomethane	129		17.711				ND	
71 Ethylene Dibromide	107		17.952				ND	
* 73 Chlorobenzene-d5	117	18.867	18.867	0.000	90	2010829	10.0	
74 Chlorobenzene	112		18.926				ND	7
75 Ethylbenzene	91	19.124	19.124	0.000	99	14465	0.0425	
76 m-Xylene & p-Xylene	106	19.380	19.380	0.000	0	18857	0.1441	
S 80 Xylenes, Total	106				0		0.1995	
78 o-Xylene	106	20.161	20.156	0.005	98	7077	0.0553	
79 Styrene	104	20.188	20.188	0.000	97	6680	0.0314	
81 Bromoform	173		20.525				ND	
82 Isopropylbenzene	105	20.846	20.841	0.005	96	15639	0.0422	
83 1,1,2,2-Tetrachloroethane	83		21.344				ND	7
85 N-Propylbenzene	91		21.552				ND	7
86 2-Chlorotoluene	91		21.697				ND	7
87 4-Ethyltoluene	105		21.750				ND	7
88 1,3,5-Trimethylbenzene	105	21.836	21.836	-0.005	10	2687	0.009039	7M
91 tert-Butylbenzene	119		22.323				ND	7
92 1,2,4-Trimethylbenzene	105	22.408	22.409	0.000	85	18008	0.0601	
93 sec-Butylbenzene	105		22.644				ND	
94 1,3-Dichlorobenzene	146		22.815				ND	7
95 4-Isopropyltoluene	119		22.858				ND	7
96 1,4-Dichlorobenzene	146		22.954				ND	7
97 Benzyl chloride	91		23.099				ND	7
98 n-Butylbenzene	91		23.414				ND	7
99 1,2-Dichlorobenzene	146		23.446				ND	7
102 1,2,4-Trichlorobenzene	180		25.891				ND	
103 Hexachlorobutadiene	225		26.148				ND	
104 Naphthalene	128	26.367	26.373	-0.006	95	6620	0.0226	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D

Injection Date: 27-Nov-2024 23:28:31

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: 200-76025-A-3

Lab Sample ID: 200-76025-3

Worklist Smp#: 20

Client ID: SVE-EFF_20241126

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

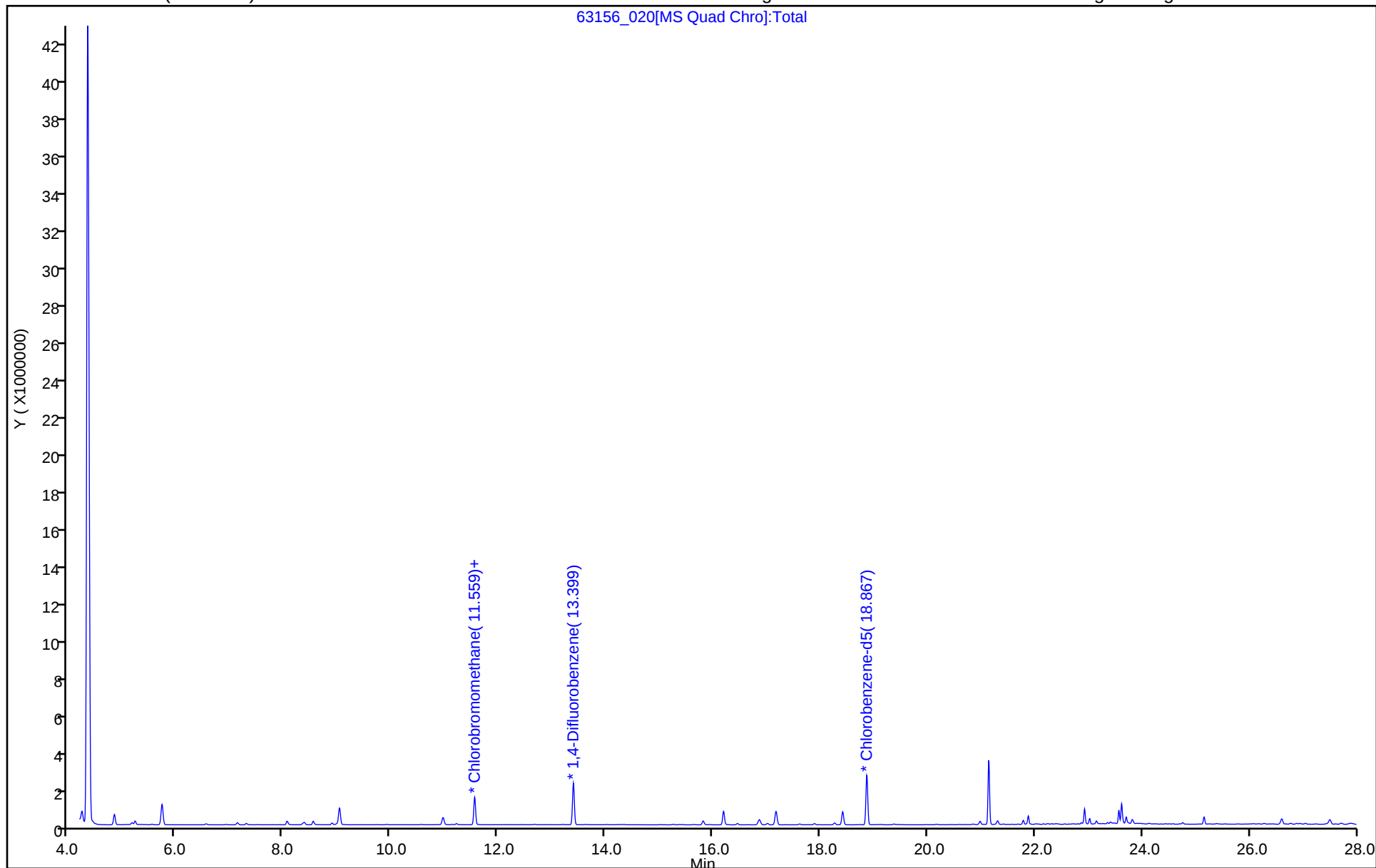
ALS Bottle#: 20

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D

Injection Date: 27-Nov-2024 23:28:31

Instrument ID: CHAN.i

Lims ID: 200-76025-A-3

Lab Sample ID: 200-76025-3

Client ID: SVE-EFF_20241126

Operator ID: wrd

ALS Bottle#: 20

Worklist Smp#: 20

Purge Vol: 200.000 mL

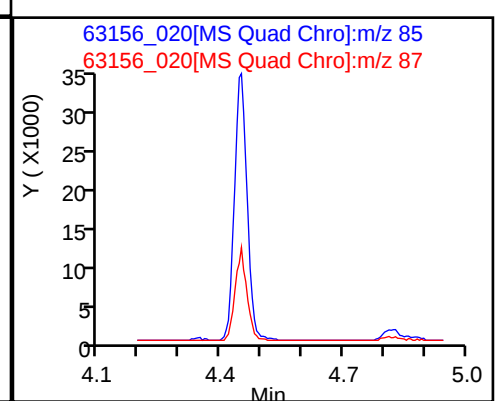
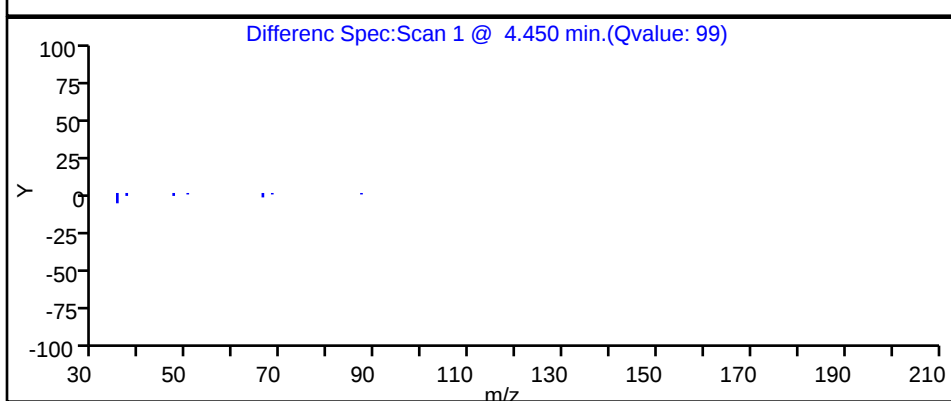
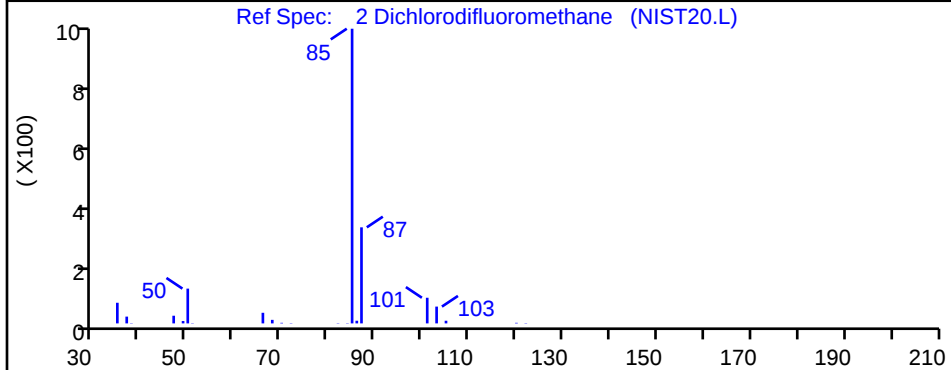
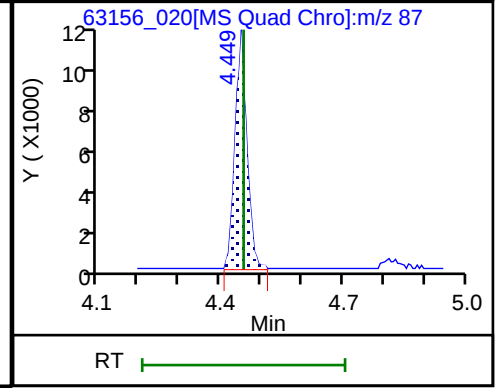
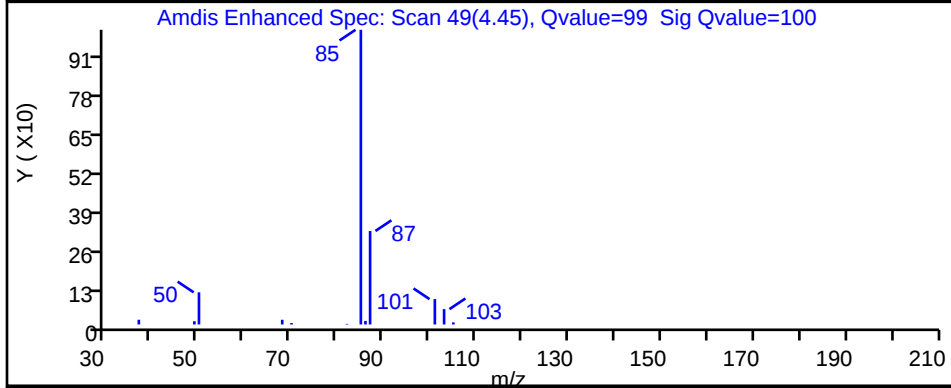
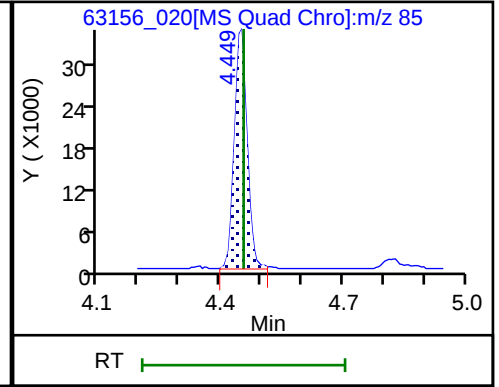
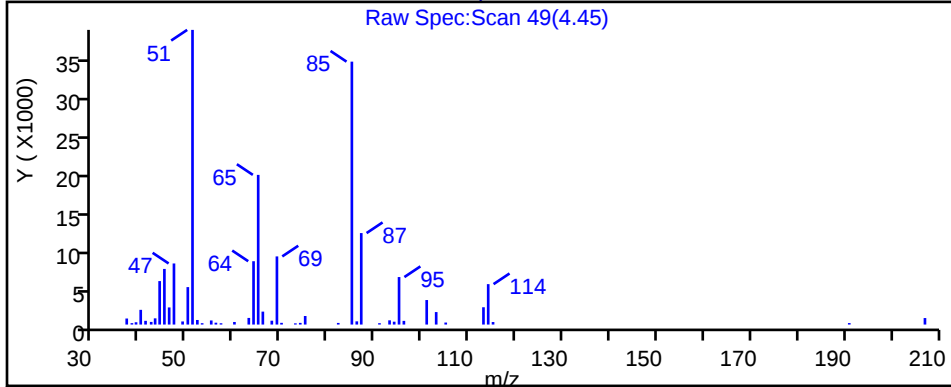
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D

Injection Date: 27-Nov-2024 23:28:31

Instrument ID: CHAN.i

Lims ID: 200-76025-A-3

Lab Sample ID: 200-76025-3

Client ID: SVE-EFF_20241126

Operator ID: wrd

ALS Bottle#: 20

Worklist Smp#: 20

Purge Vol: 200.000 mL

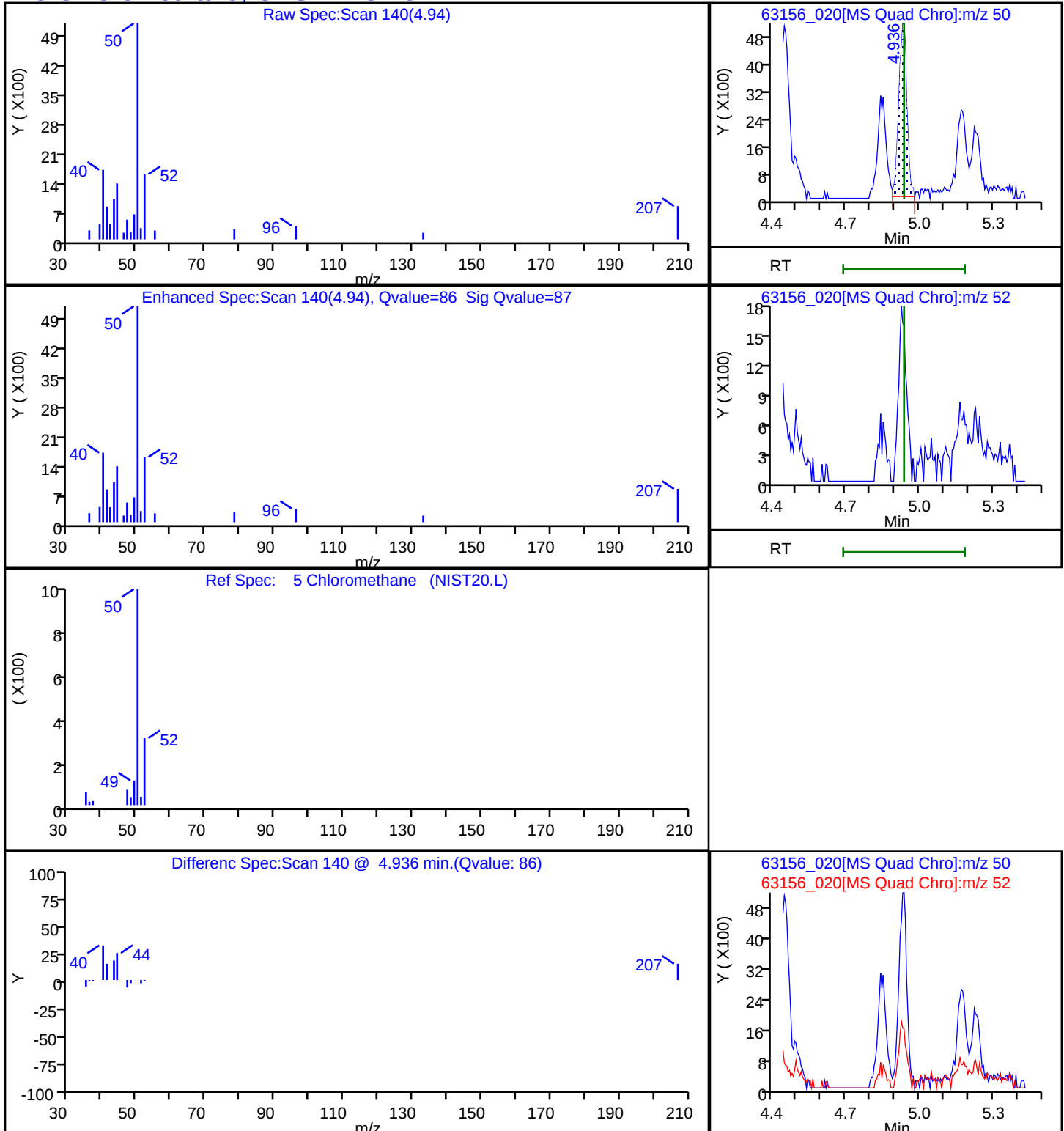
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

5 Chloromethane, CAS: 74-87-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D

Injection Date: 27-Nov-2024 23:28:31

Instrument ID: CHAN.i

Lims ID: 200-76025-A-3

Lab Sample ID: 200-76025-3

Client ID: SVE-EFF_20241126

Operator ID: wrd

ALS Bottle#: 20

Worklist Smp#: 20

Purge Vol: 200.000 mL

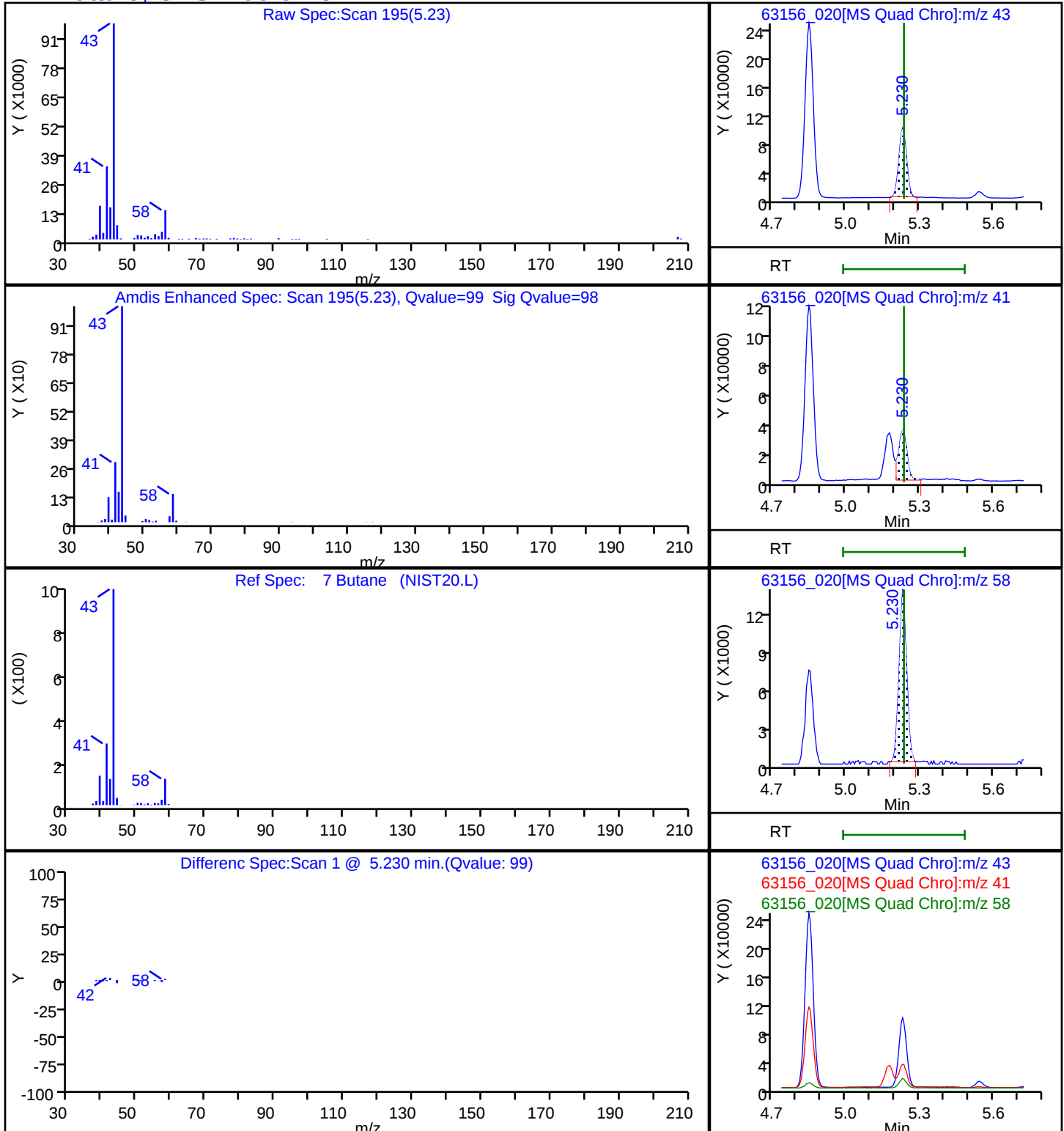
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

7 Butane, CAS: 106-97-8

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D

Injection Date: 27-Nov-2024 23:28:31

Instrument ID: CHAN.i

Lims ID: 200-76025-A-3

Lab Sample ID: 200-76025-3

Client ID: SVE-EFF_20241126

Operator ID: wrd

ALS Bottle#: 20

Worklist Smp#: 20

Purge Vol: 200.000 mL

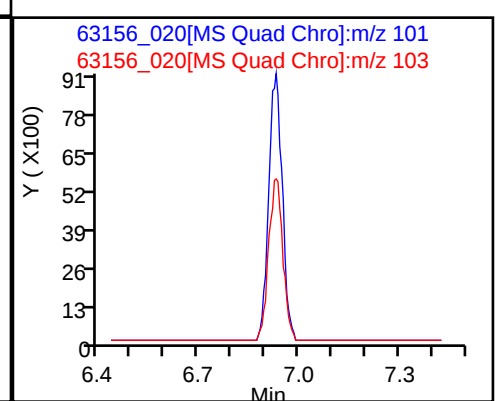
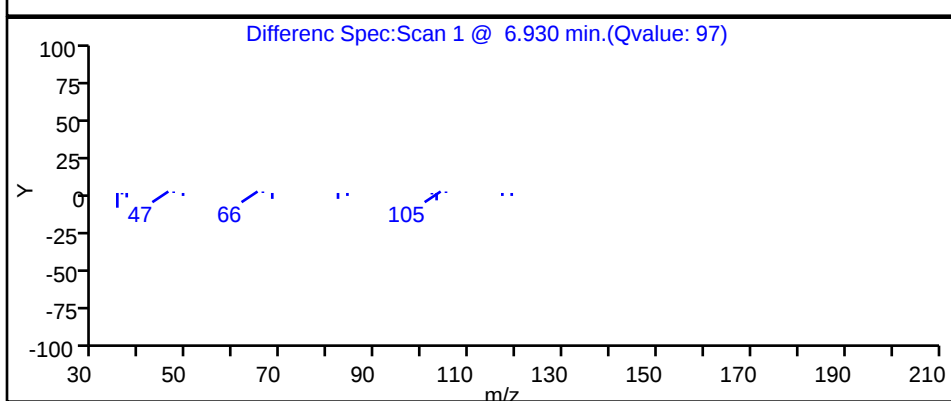
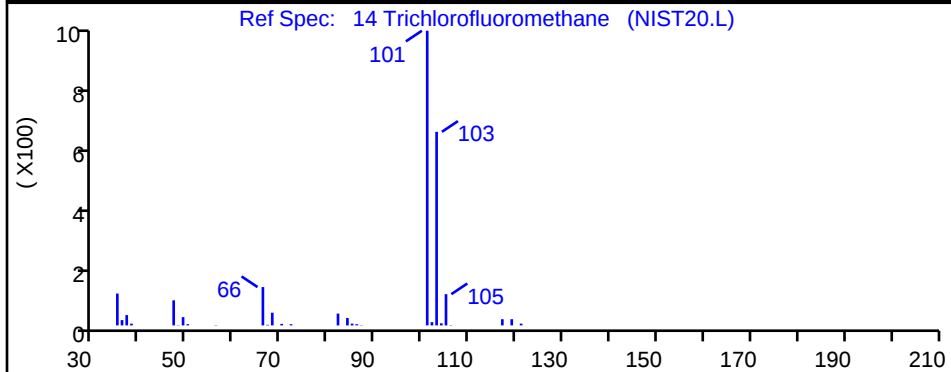
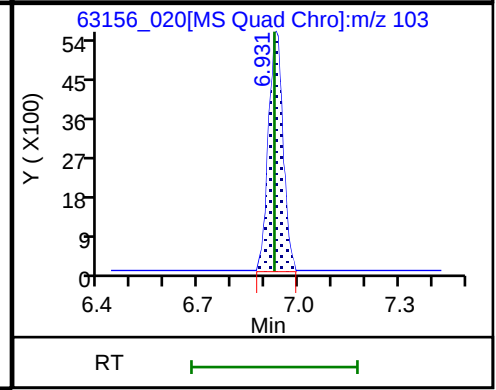
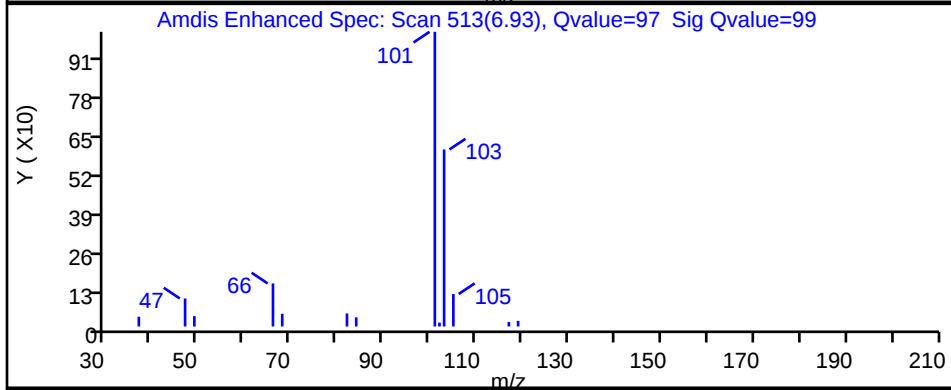
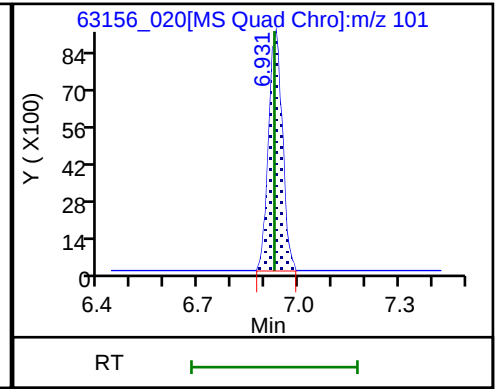
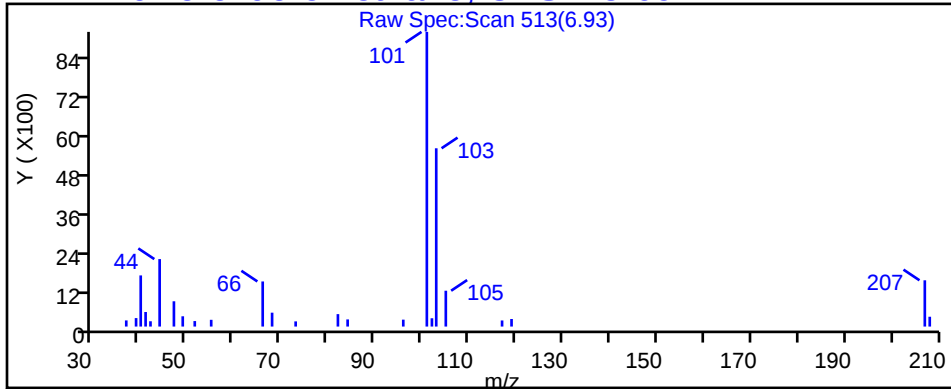
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

14 Trichlorofluoromethane, CAS: 75-69-4

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D

Injection Date: 27-Nov-2024 23:28:31

Instrument ID: CHAN.i

Lims ID: 200-76025-A-3

Lab Sample ID: 200-76025-3

Client ID: SVE-EFF_20241126

Operator ID: wrd

ALS Bottle#: 20

Worklist Smp#: 20

Purge Vol: 200.000 mL

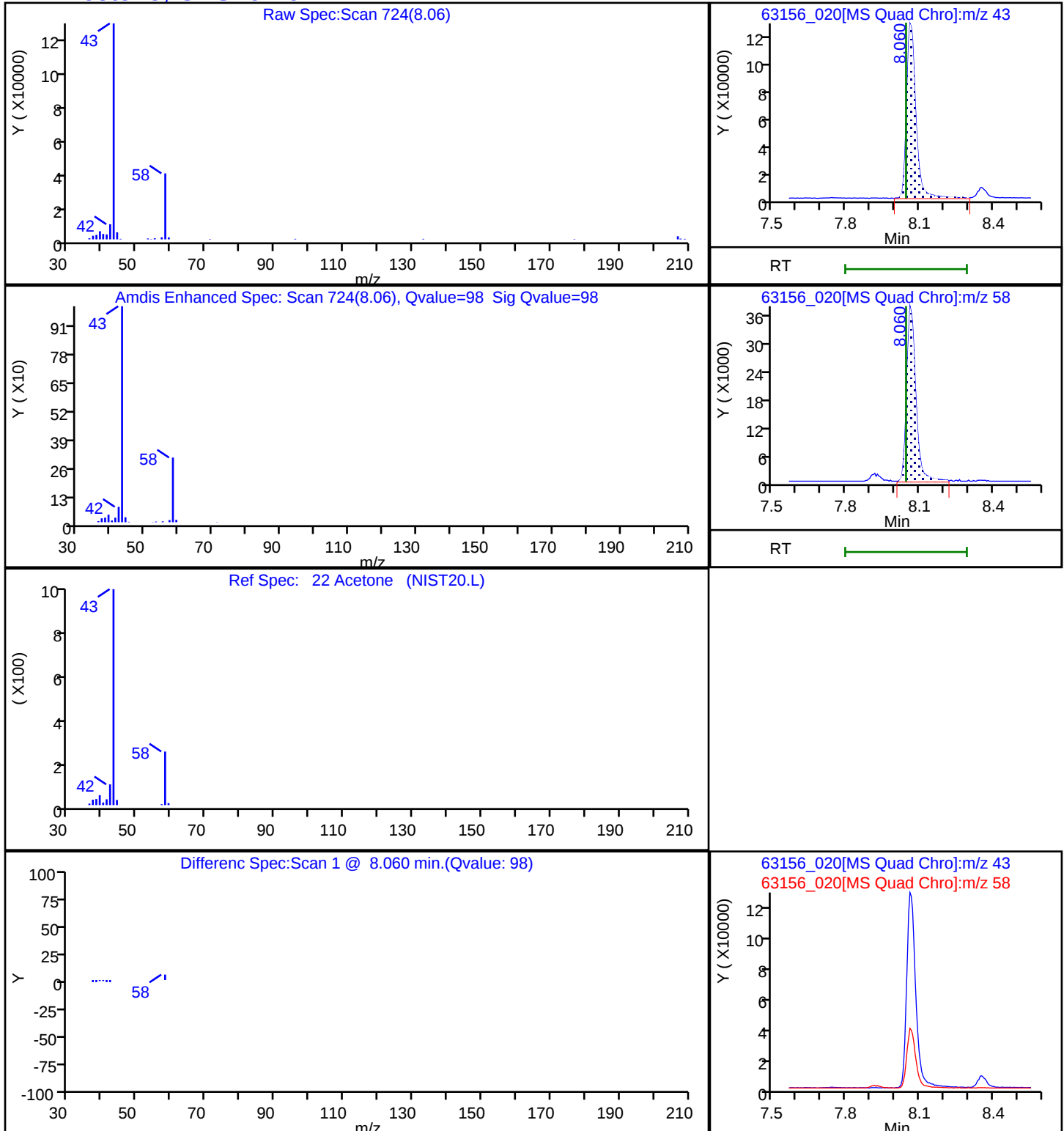
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

22 Acetone, CAS: 67-64-1

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D

Injection Date: 27-Nov-2024 23:28:31

Instrument ID: CHAN.i

Lims ID: 200-76025-A-3

Lab Sample ID: 200-76025-3

Client ID: SVE-EFF_20241126

Operator ID: wrd

ALS Bottle#: 20

Worklist Smp#: 20

Purge Vol: 200.000 mL

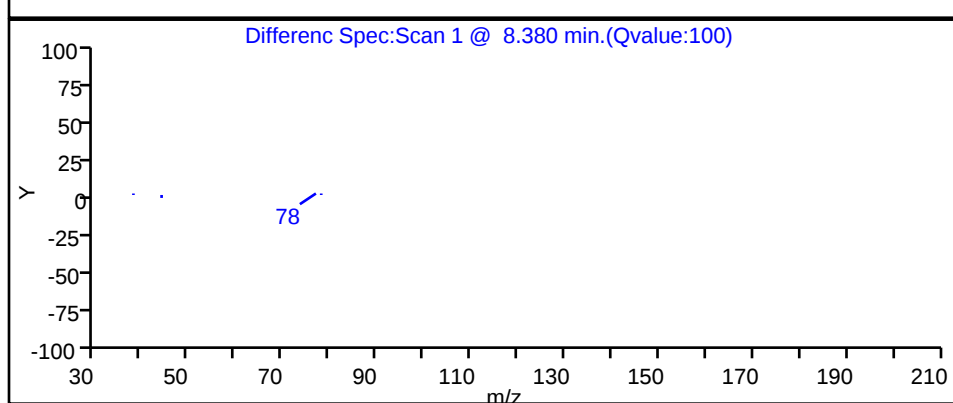
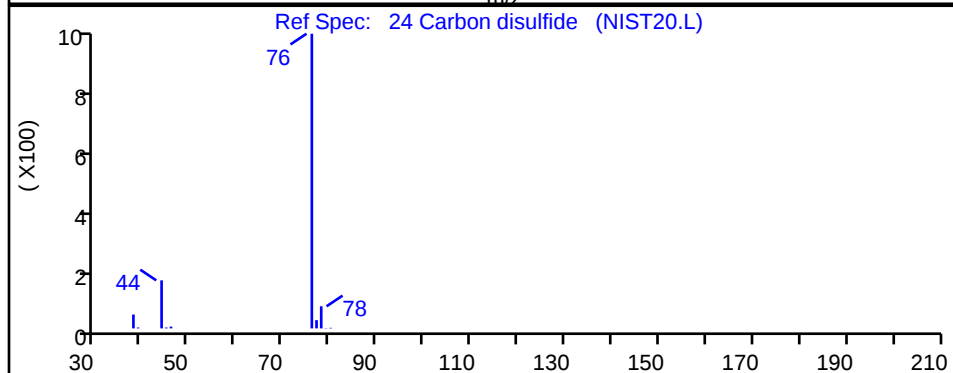
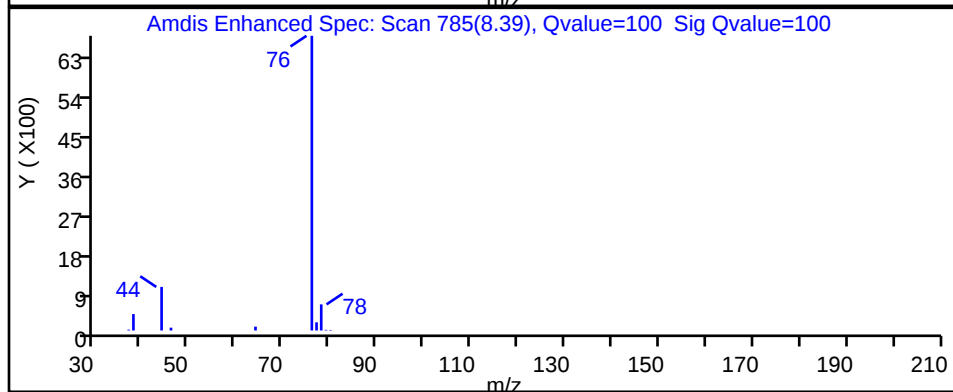
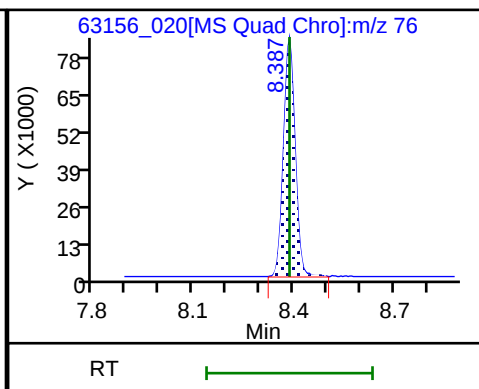
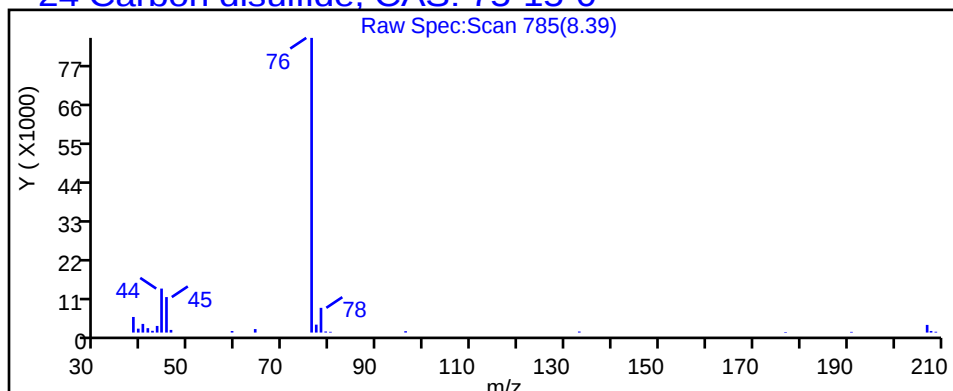
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

24 Carbon disulfide, CAS: 75-15-0

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D

Injection Date: 27-Nov-2024 23:28:31

Instrument ID: CHAN.i

Lims ID: 200-76025-A-3

Lab Sample ID: 200-76025-3

Client ID: SVE-EFF_20241126

Operator ID: wrd

ALS Bottle#: 20

Worklist Smp#: 20

Purge Vol: 200.000 mL

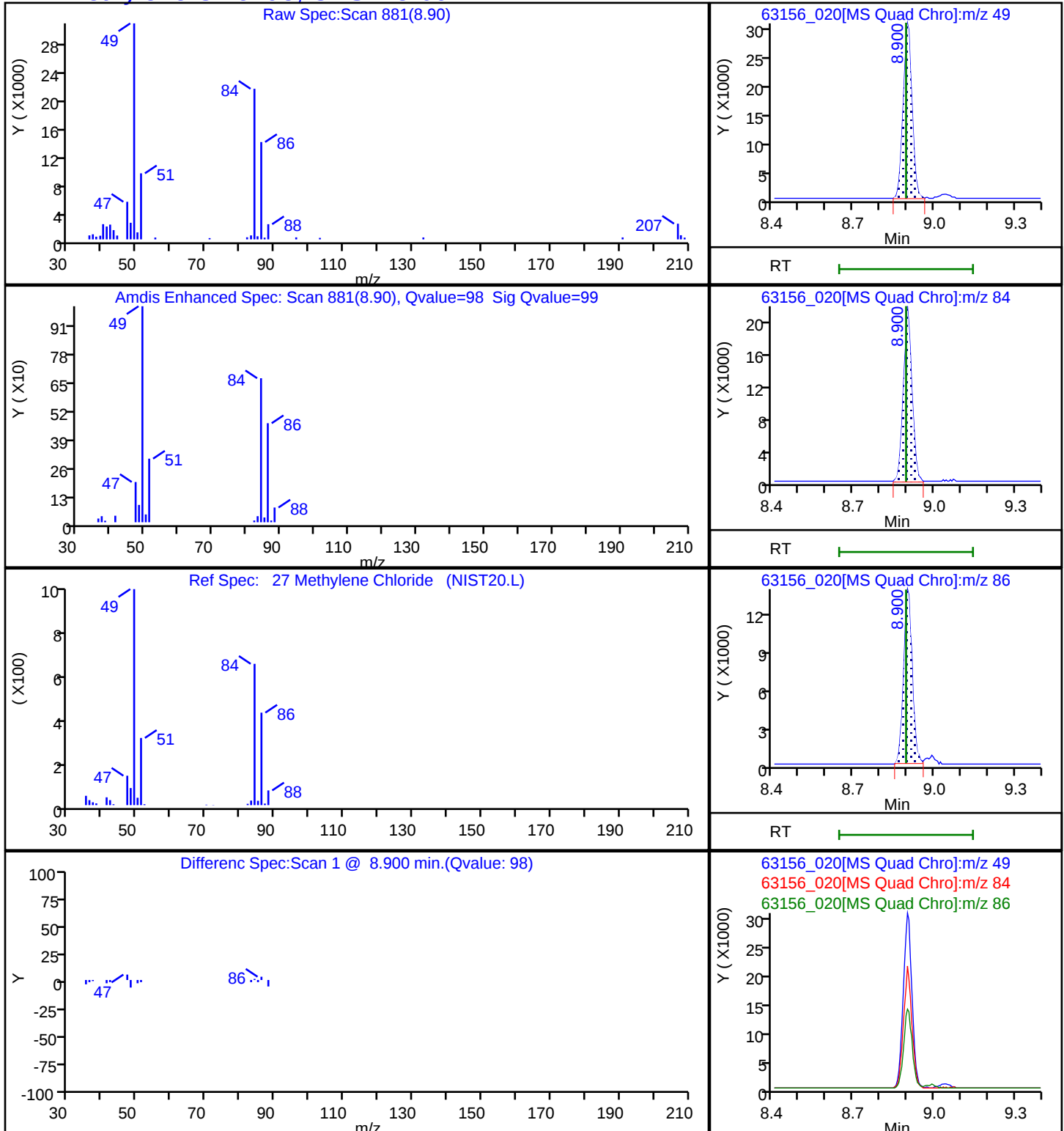
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Methylene Chloride, CAS: 75-09-2

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D

Injection Date: 27-Nov-2024 23:28:31

Instrument ID: CHAN.i

Lims ID: 200-76025-A-3

Lab Sample ID: 200-76025-3

Client ID: SVE-EFF_20241126

Operator ID: wrd

ALS Bottle#: 20

Worklist Smp#: 20

Purge Vol: 200.000 mL

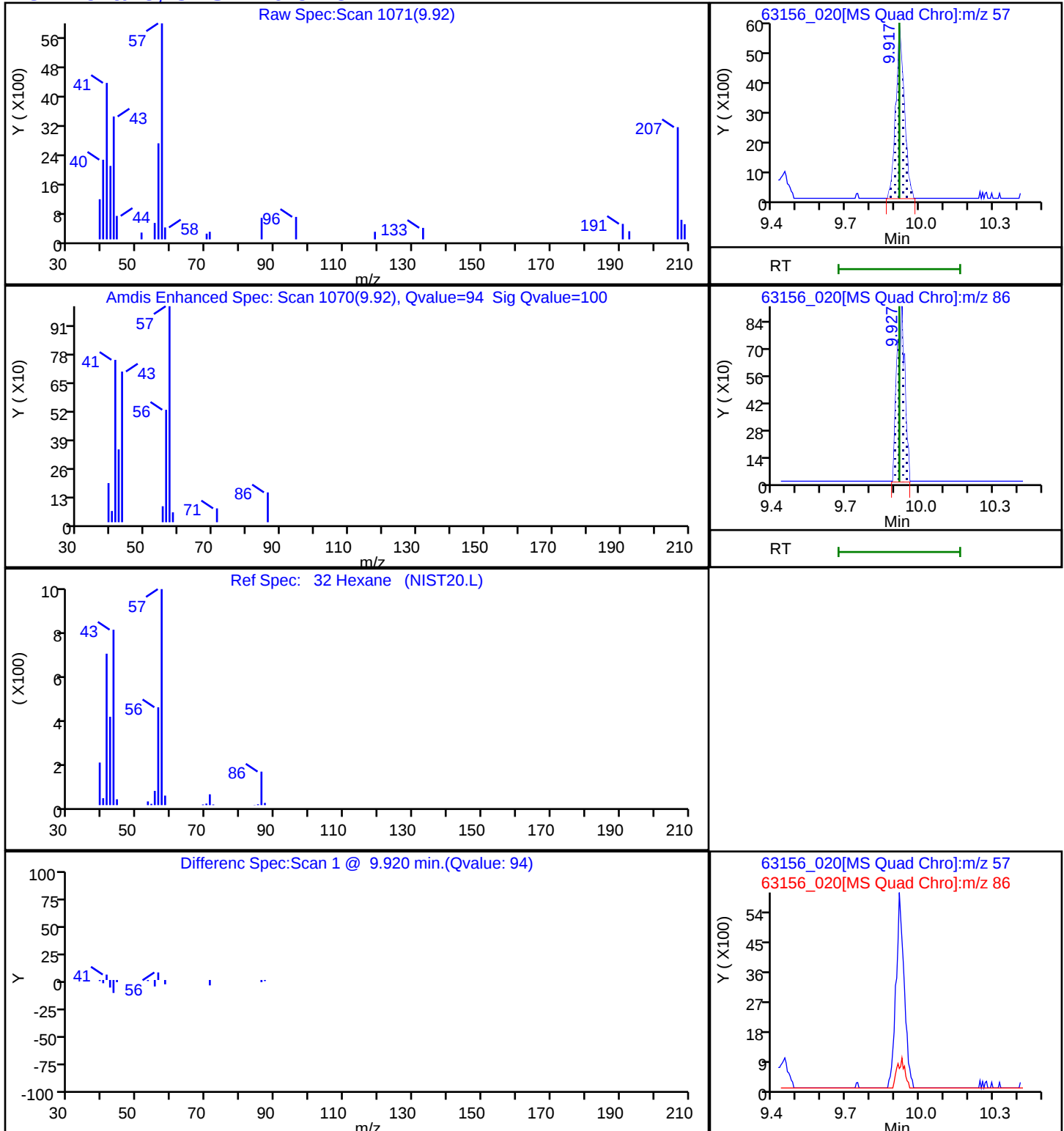
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

32 Hexane, CAS: 110-54-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D

Injection Date: 27-Nov-2024 23:28:31

Instrument ID: CHAN.i

Lims ID: 200-76025-A-3

Lab Sample ID: 200-76025-3

Client ID: SVE-EFF_20241126

Operator ID: wrd

ALS Bottle#: 20

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

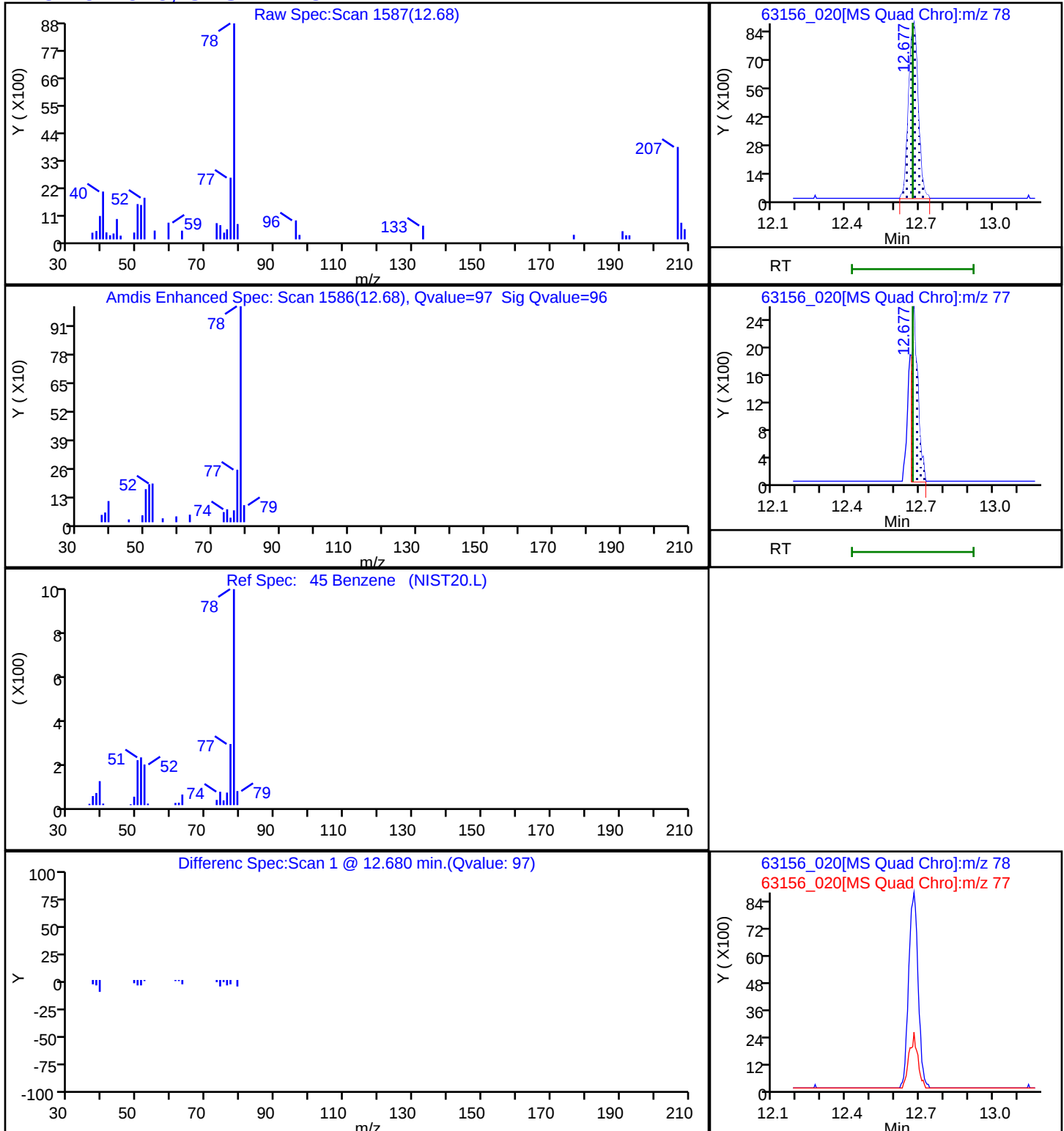
Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

45 Benzene, CAS: 71-43-2



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D

Injection Date: 27-Nov-2024 23:28:31

Instrument ID: CHAN.i

Lims ID: 200-76025-A-3

Lab Sample ID: 200-76025-3

Client ID: SVE-EFF_20241126

Operator ID: wrd

ALS Bottle#: 20

Worklist Smp#: 20

Purge Vol: 200.000 mL

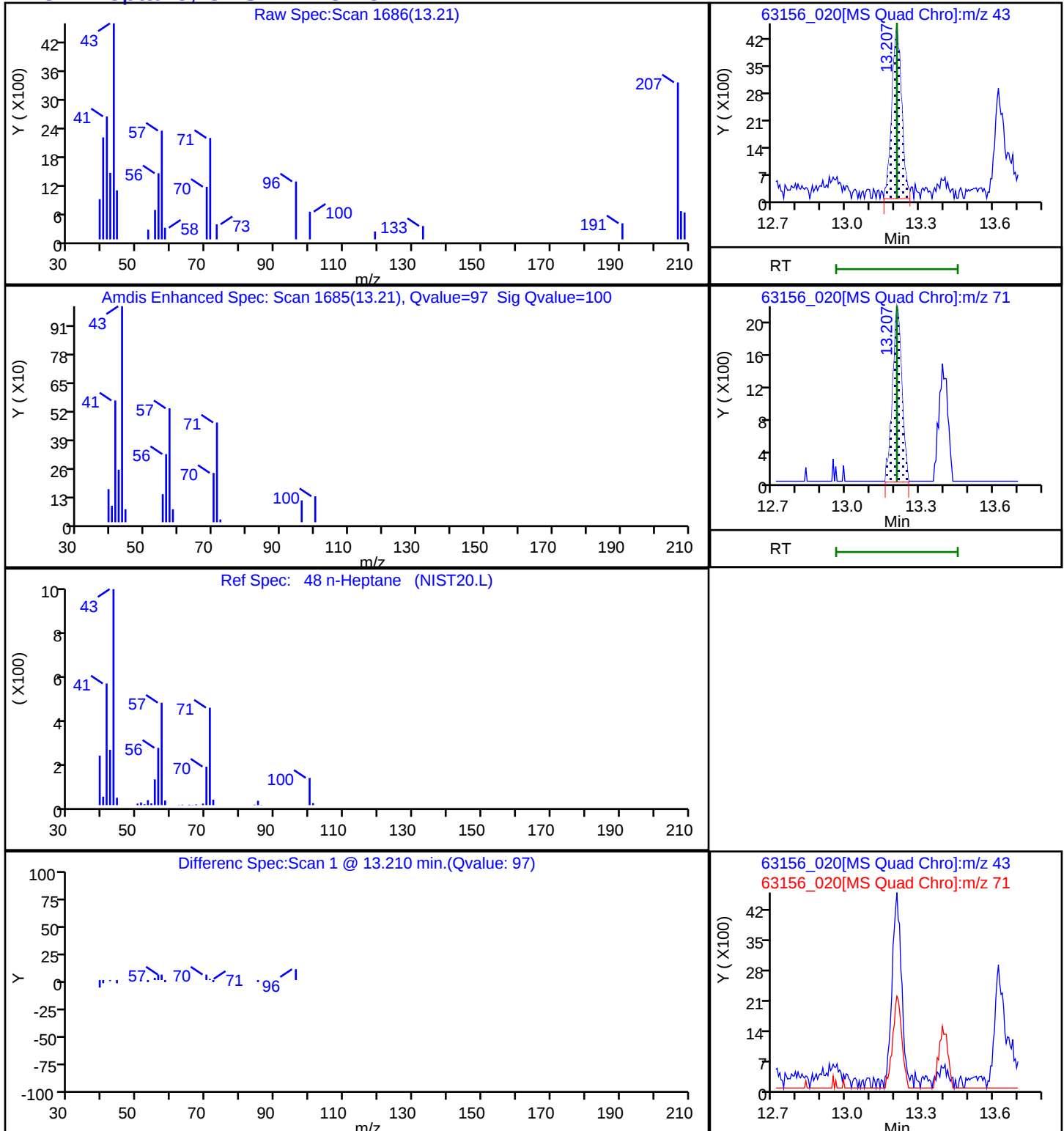
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

48 n-Heptane, CAS: 142-82-5

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D

Injection Date: 27-Nov-2024 23:28:31

Instrument ID: CHAN.i

Lims ID: 200-76025-A-3

Lab Sample ID: 200-76025-3

Client ID: SVE-EFF_20241126

Operator ID: wrd

ALS Bottle#: 20

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

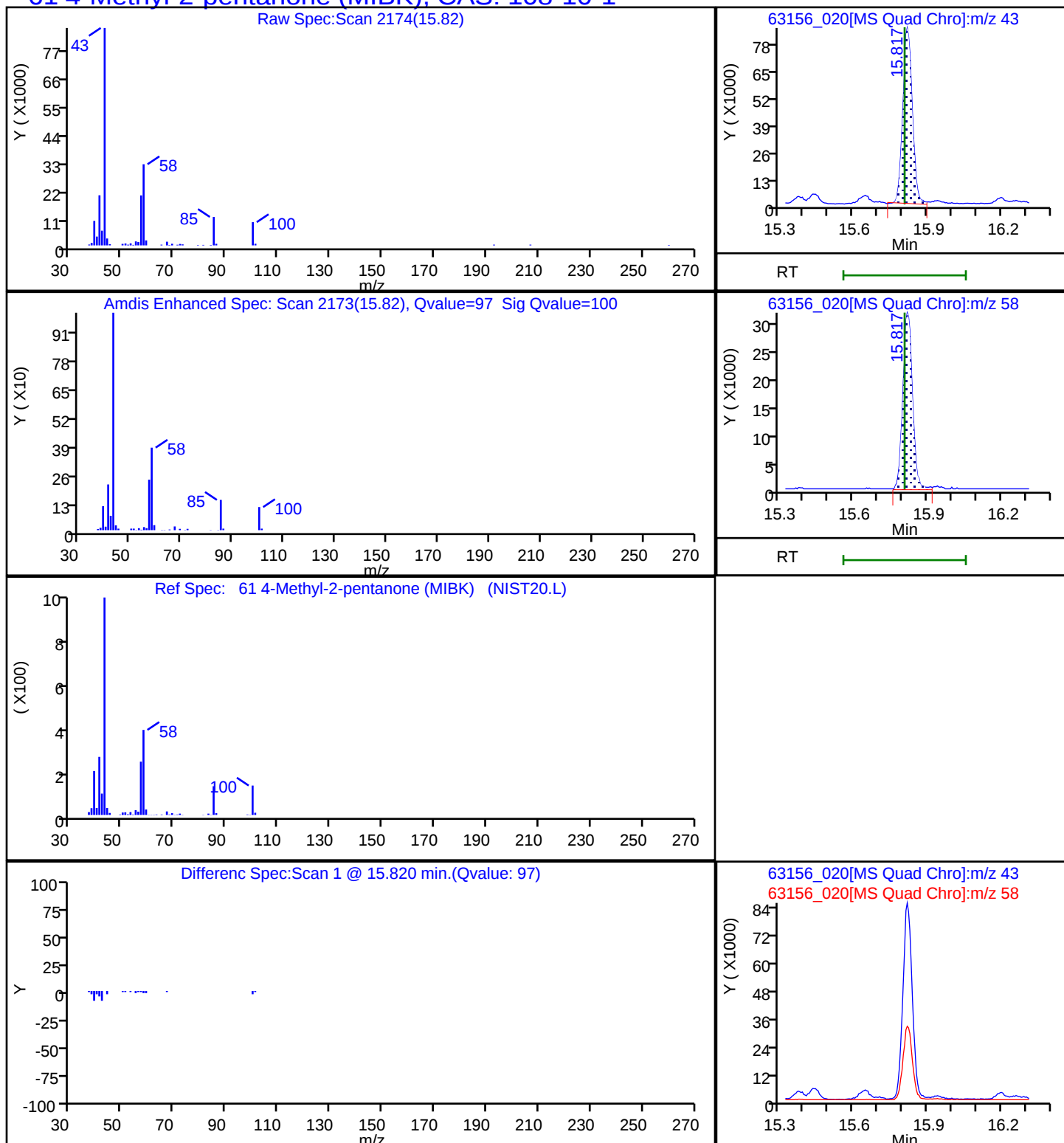
Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D

Injection Date: 27-Nov-2024 23:28:31

Instrument ID: CHAN.i

Lims ID: 200-76025-A-3

Lab Sample ID: 200-76025-3

Client ID: SVE-EFF_20241126

Operator ID: wrd

ALS Bottle#: 20

Worklist Smp#: 20

Purge Vol: 200.000 mL

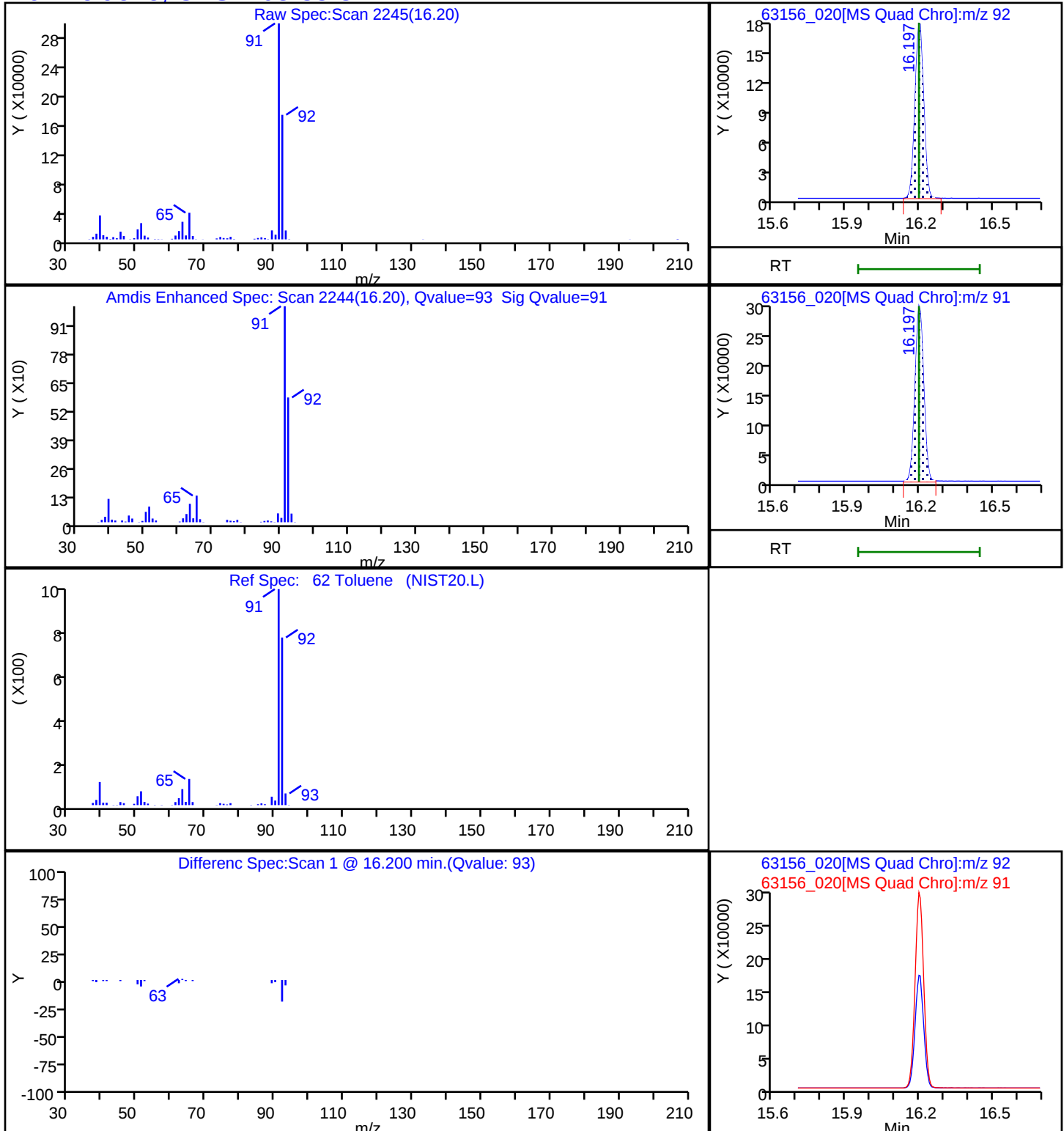
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

62 Toluene, CAS: 108-88-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D

Injection Date: 27-Nov-2024 23:28:31

Instrument ID: CHAN.i

Lims ID: 200-76025-A-3

Lab Sample ID: 200-76025-3

Client ID: SVE-EFF_20241126

Operator ID: wrd

ALS Bottle#: 20

Worklist Smp#: 20

Purge Vol: 200.000 mL

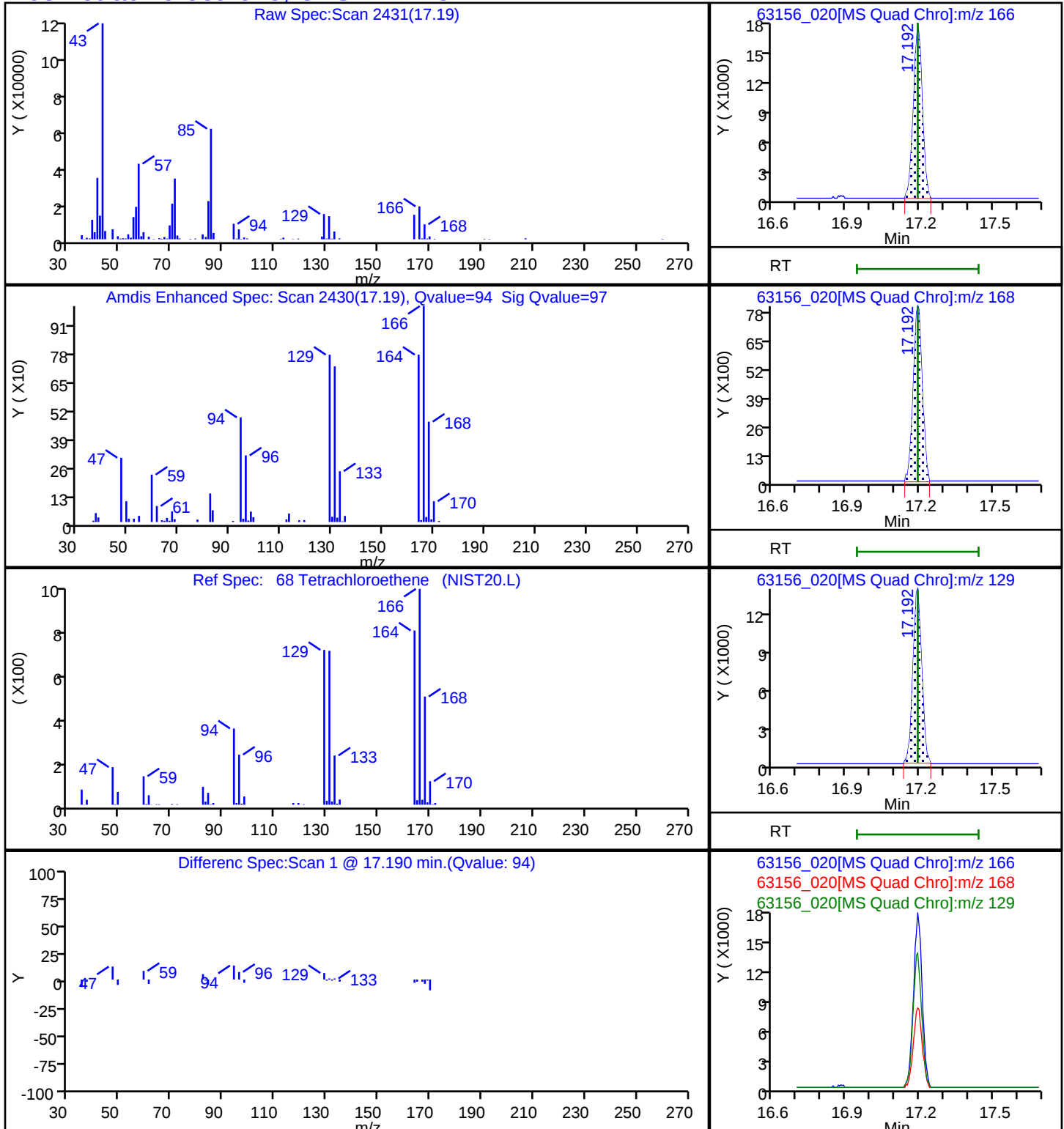
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

68 Tetrachloroethene, CAS: 127-18-4

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D

Injection Date: 27-Nov-2024 23:28:31

Instrument ID: CHAN.i

Lims ID: 200-76025-A-3

Lab Sample ID: 200-76025-3

Client ID: SVE-EFF_20241126

Operator ID: wrd

ALS Bottle#: 20

Worklist Smp#: 20

Purge Vol: 200.000 mL

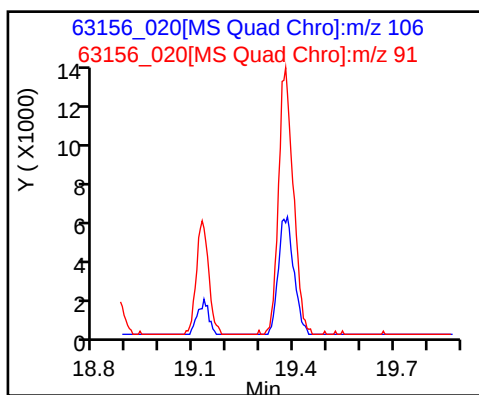
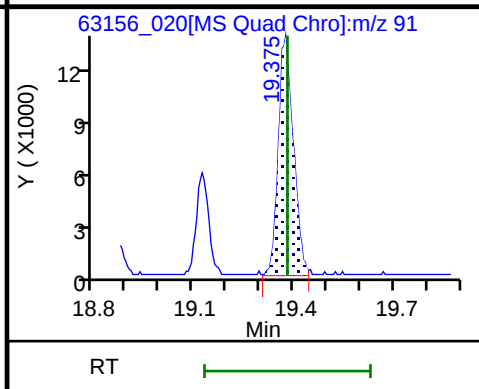
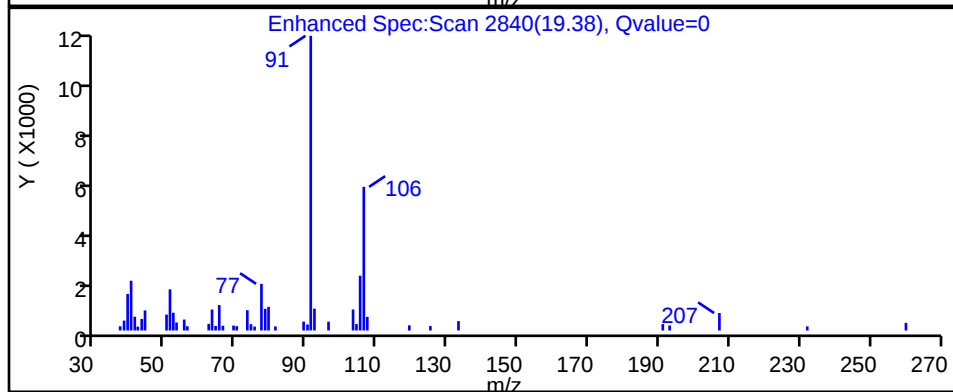
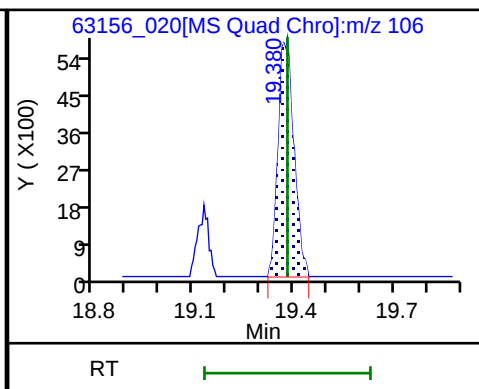
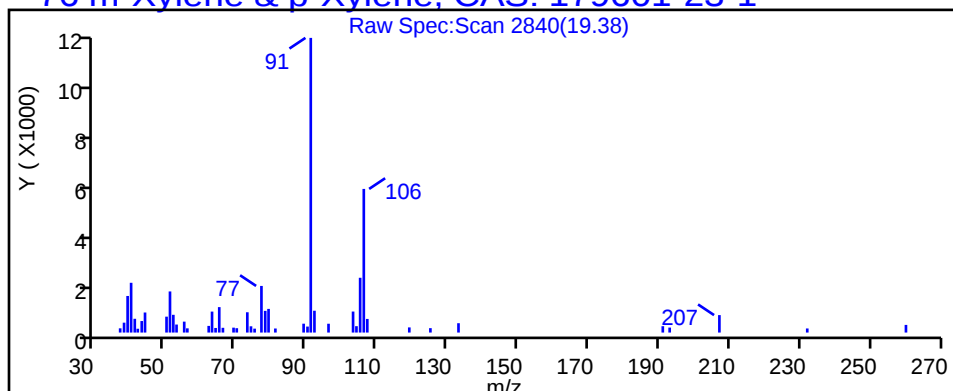
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

76 m-Xylene & p-Xylene, CAS: 179601-23-1

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D

Injection Date: 27-Nov-2024 23:28:31

Instrument ID: CHAN.i

Lims ID: 200-76025-A-3

Lab Sample ID: 200-76025-3

Client ID: SVE-EFF_20241126

Operator ID: wrd

ALS Bottle#: 20

Worklist Smp#: 20

Purge Vol: 200.000 mL

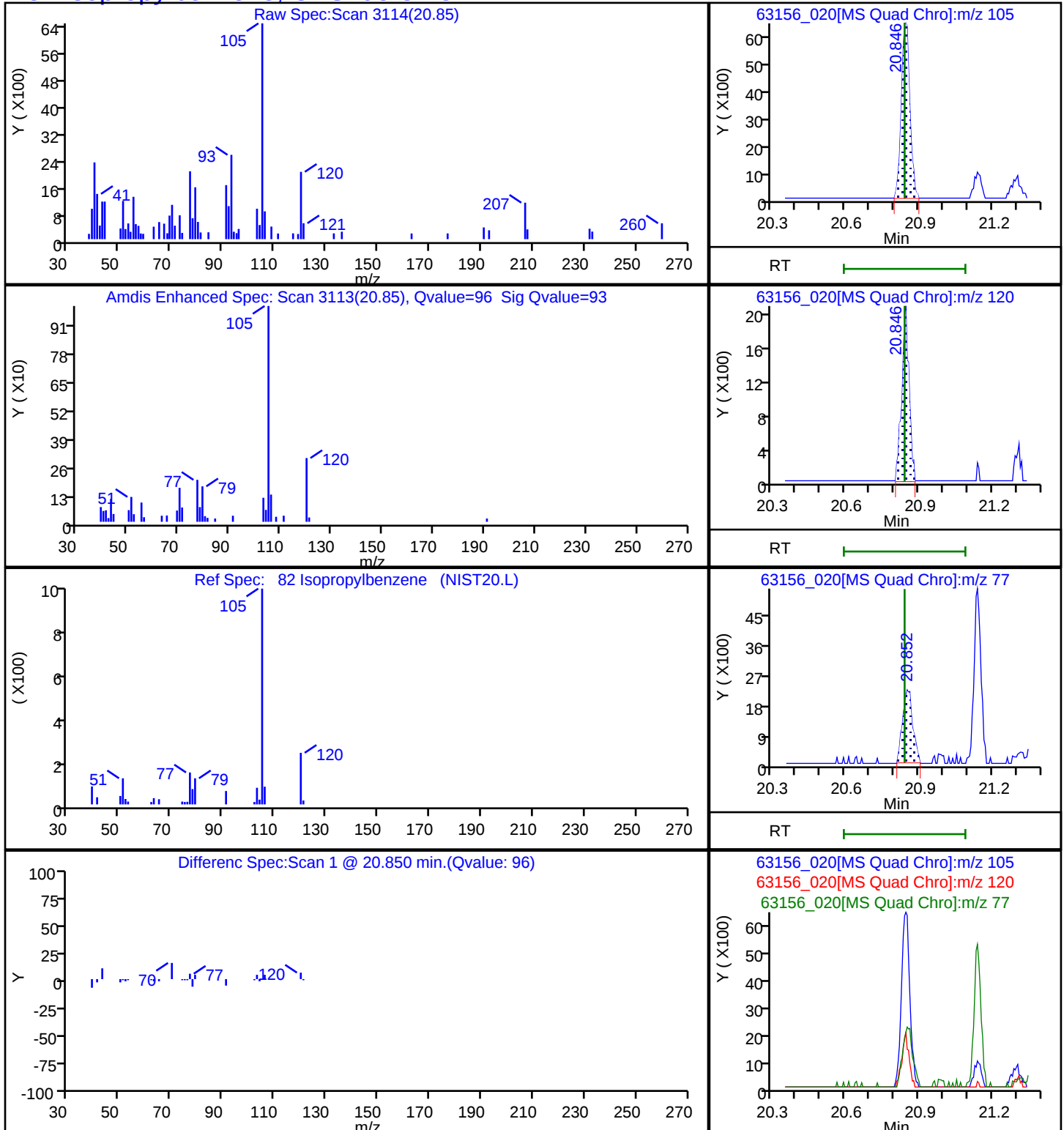
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

82 Isopropylbenzene, CAS: 98-82-8

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D

Injection Date: 27-Nov-2024 23:28:31

Instrument ID: CHAN.i

Lims ID: 200-76025-A-3

Lab Sample ID: 200-76025-3

Client ID: SVE-EFF_20241126

Operator ID: wrd

ALS Bottle#:

20

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

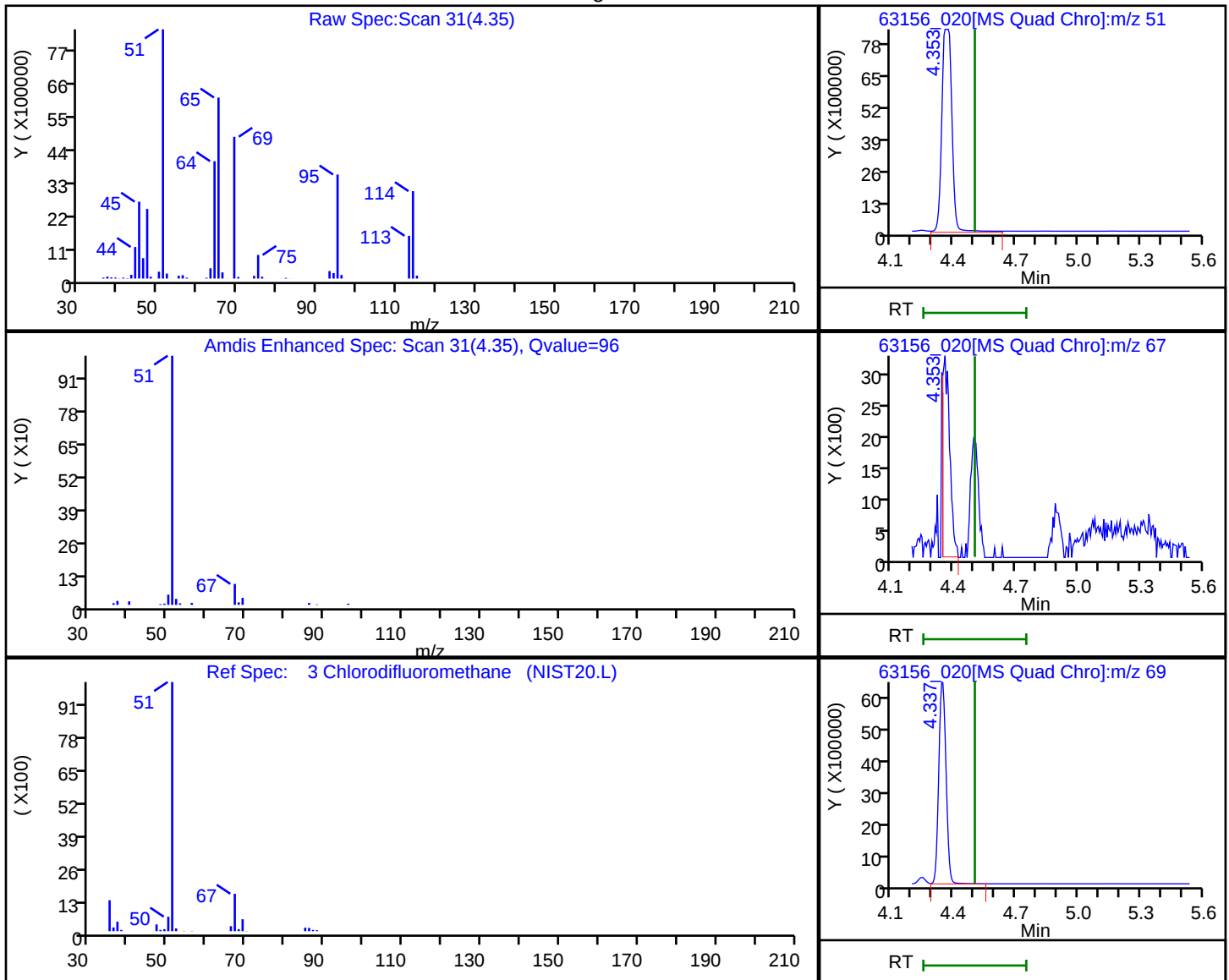
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

3 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
4.35	51.00	28096946	277.8311
4.35	67.00	7611	
4.34	69.00	15831828	

Reviewer: YWL8, 28-Nov-2024 14:40:05 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

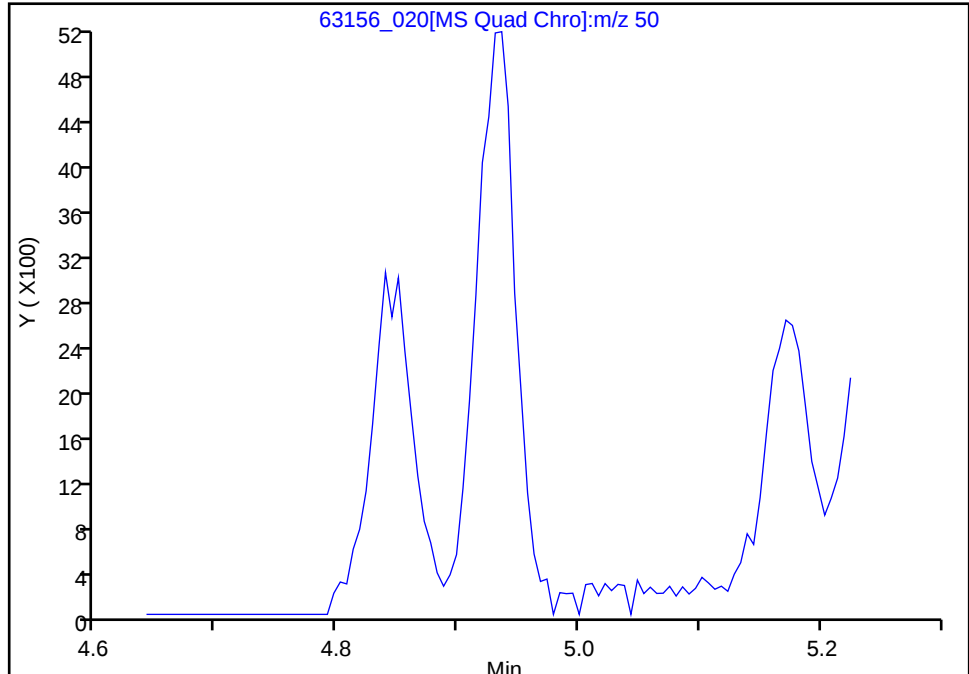
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D				
Injection Date:	27-Nov-2024 23:28:31	Instrument ID:	CHAN.i		
Lims ID:	200-76025-A-3	Lab Sample ID:	200-76025-3		
Client ID:	SVE-EFF_20241126				
Operator ID:	wrd	ALS Bottle#:	20	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN		

5 Chloromethane, CAS: 74-87-3

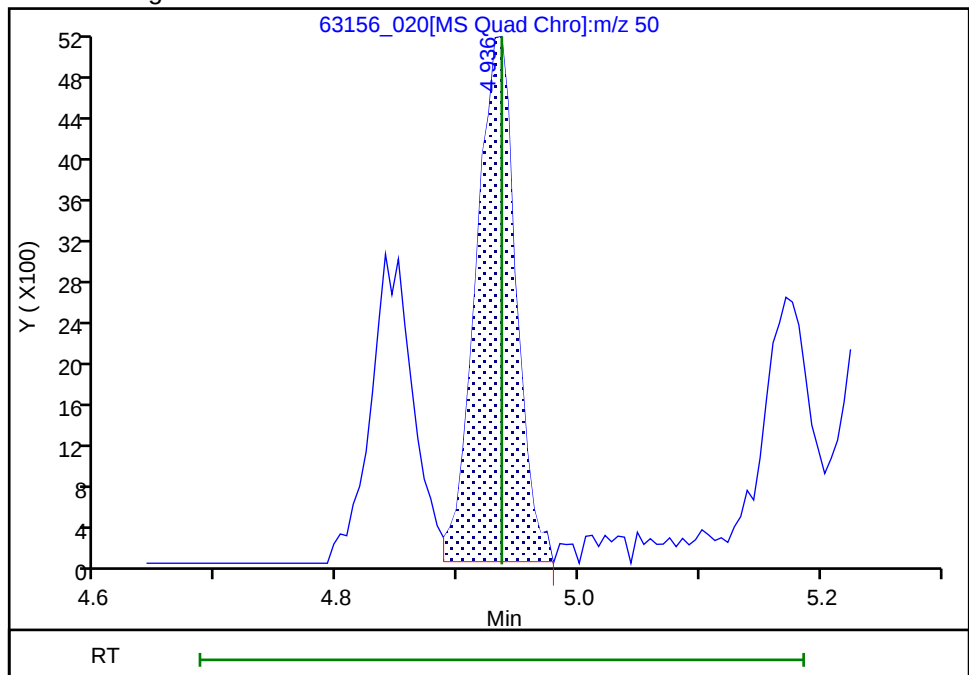
Signal: 1

Not Detected
Expected RT: 4.94

Processing Integration Results



Manual Integration Results



Reviewer: YWL8, 28-Nov-2024 14:40:11 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D

Injection Date: 27-Nov-2024 23:28:31

Instrument ID: CHAN.i

Lims ID: 200-76025-A-3

Lab Sample ID: 200-76025-3

Client ID: SVE-EFF_20241126

Operator ID: wrd

ALS Bottle#: 20 Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

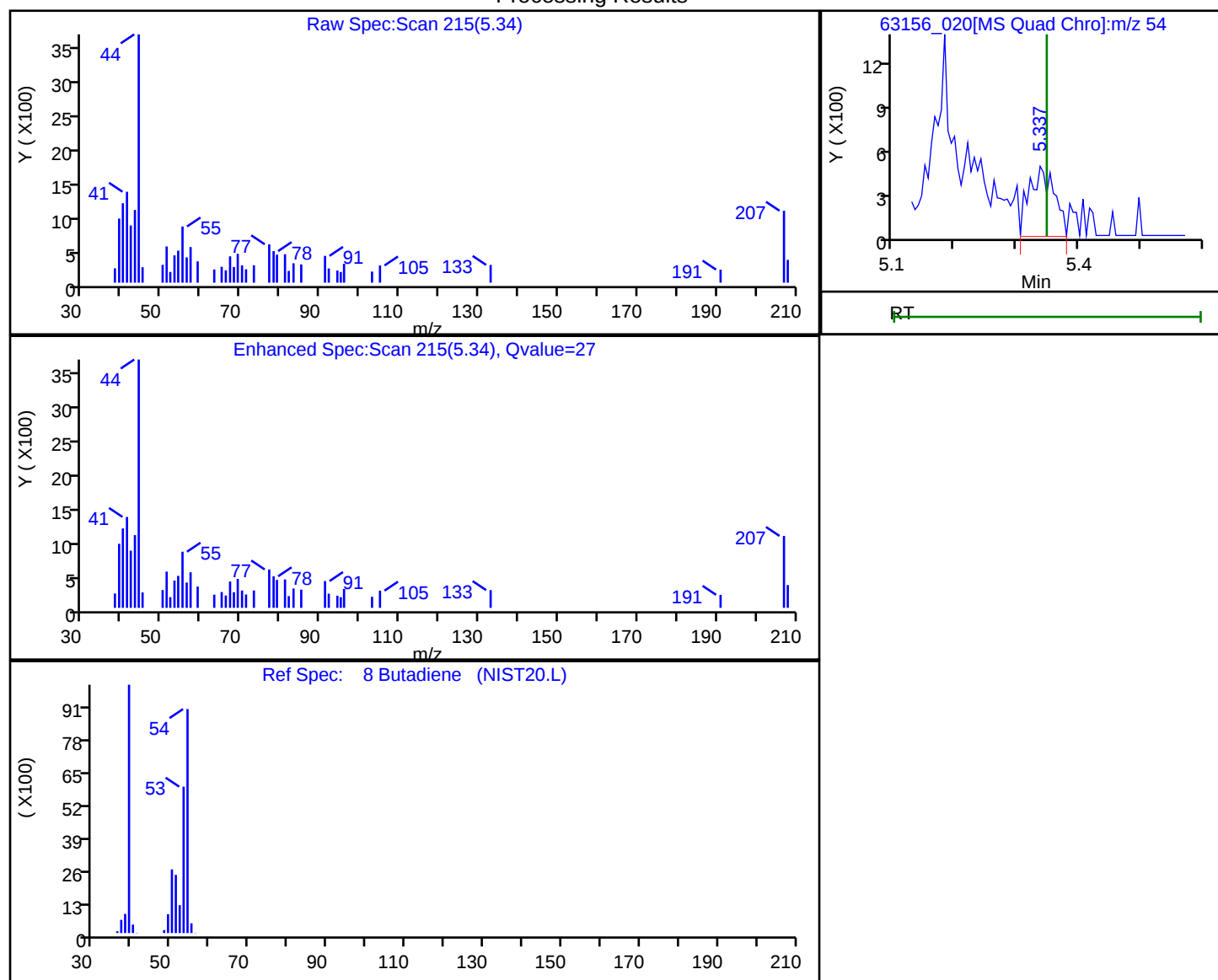
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

8 Butadiene, CAS: 106-99-0

Processing Results



RT	Mass	Response	Amount
5.34	54.00	1292	0.022845

Reviewer: YWL8, 28-Nov-2024 14:40:16 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D

Injection Date: 27-Nov-2024 23:28:31

Instrument ID: CHAN.i

Lims ID: 200-76025-A-3

Lab Sample ID: 200-76025-3

Client ID: SVE-EFF_20241126

Operator ID: wrd

ALS Bottle#:

20

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

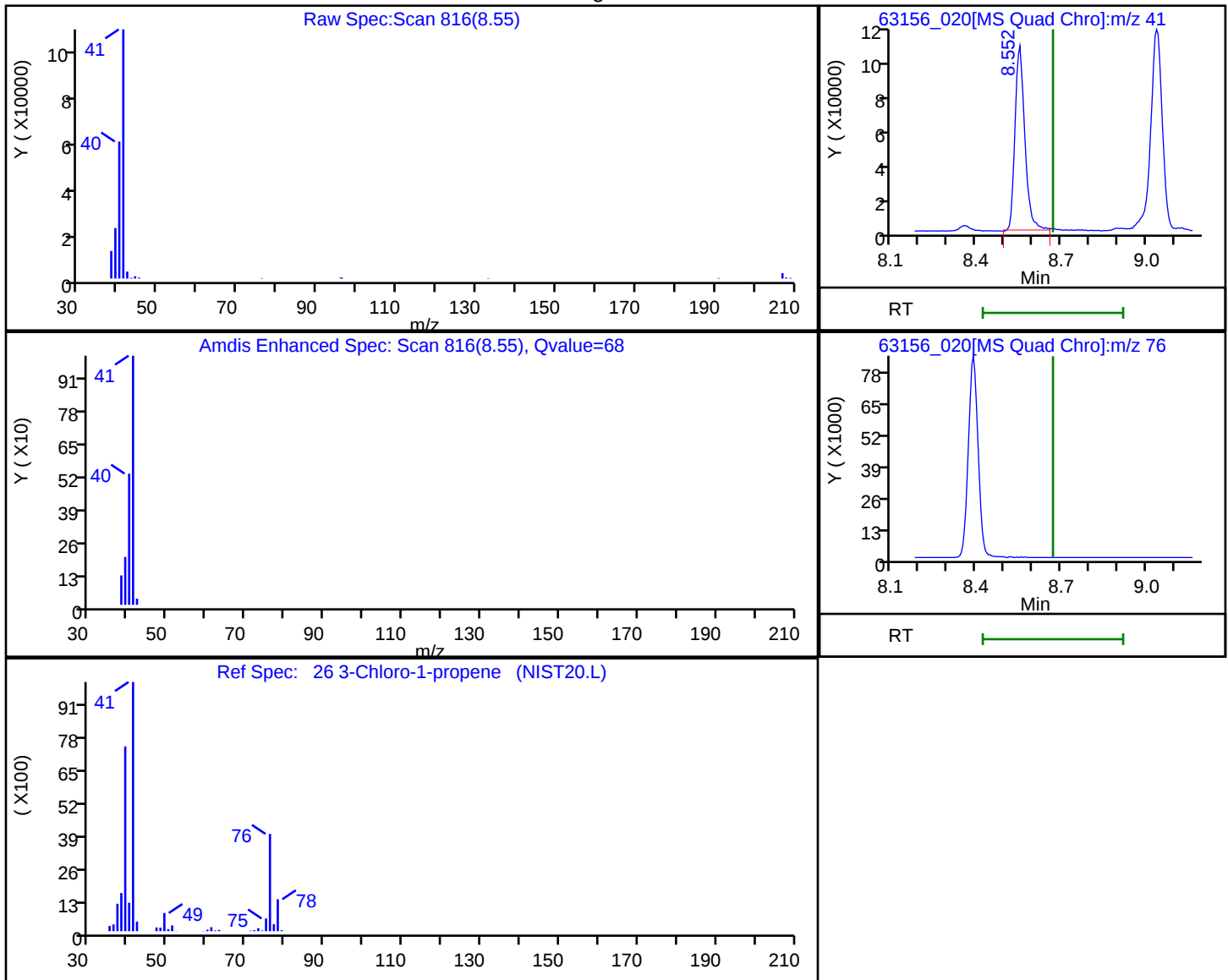
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
8.55	41.00	253169	3.050931
8.67	76.00	0	

Reviewer: YWL8, 28-Nov-2024 14:40:22 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

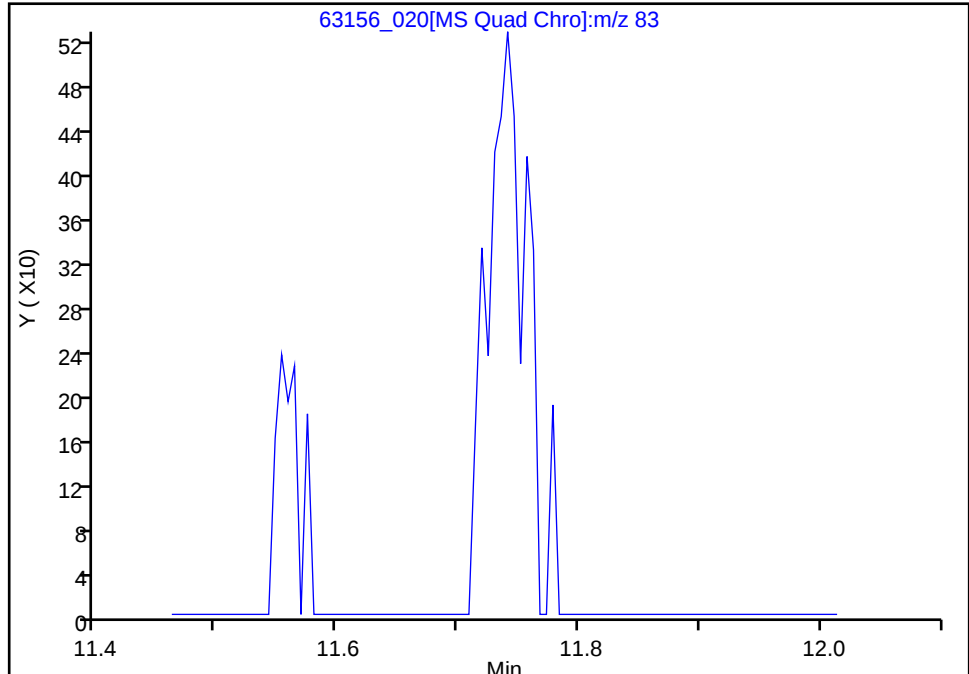
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D				
Injection Date:	27-Nov-2024 23:28:31	Instrument ID:	CHAN.i		
Lims ID:	200-76025-A-3	Lab Sample ID:	200-76025-3		
Client ID:	SVE-EFF_20241126				
Operator ID:	wrd	ALS Bottle#:	20	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN		

41 Chloroform, CAS: 67-66-3

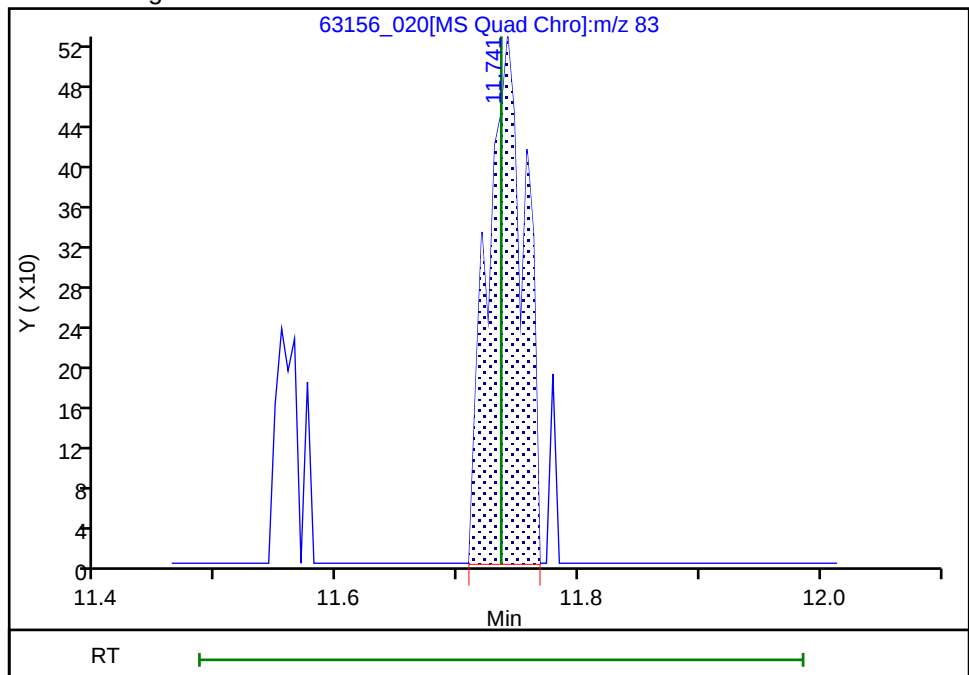
Signal: 1

Not Detected
Expected RT: 11.74

Processing Integration Results



Manual Integration Results



Reviewer: YWL8, 28-Nov-2024 14:41:50 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

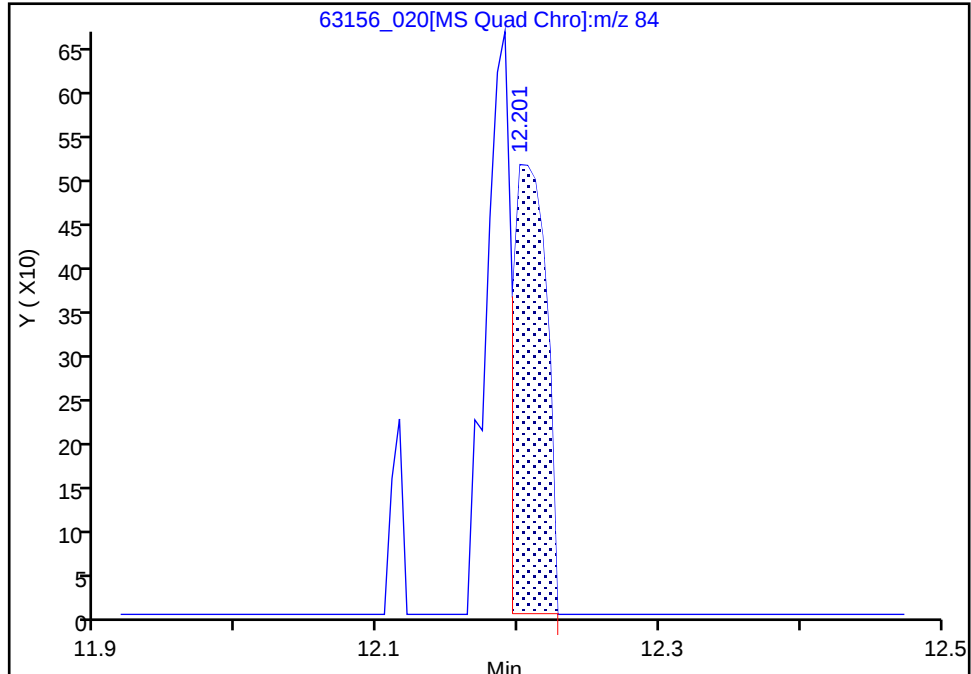
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D				
Injection Date:	27-Nov-2024 23:28:31	Instrument ID:	CHAN.i		
Lims ID:	200-76025-A-3	Lab Sample ID:	200-76025-3		
Client ID:	SVE-EFF_20241126				
Operator ID:	wrd	ALS Bottle#:	20	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN		

43 Cyclohexane, CAS: 110-82-7

Signal: 1

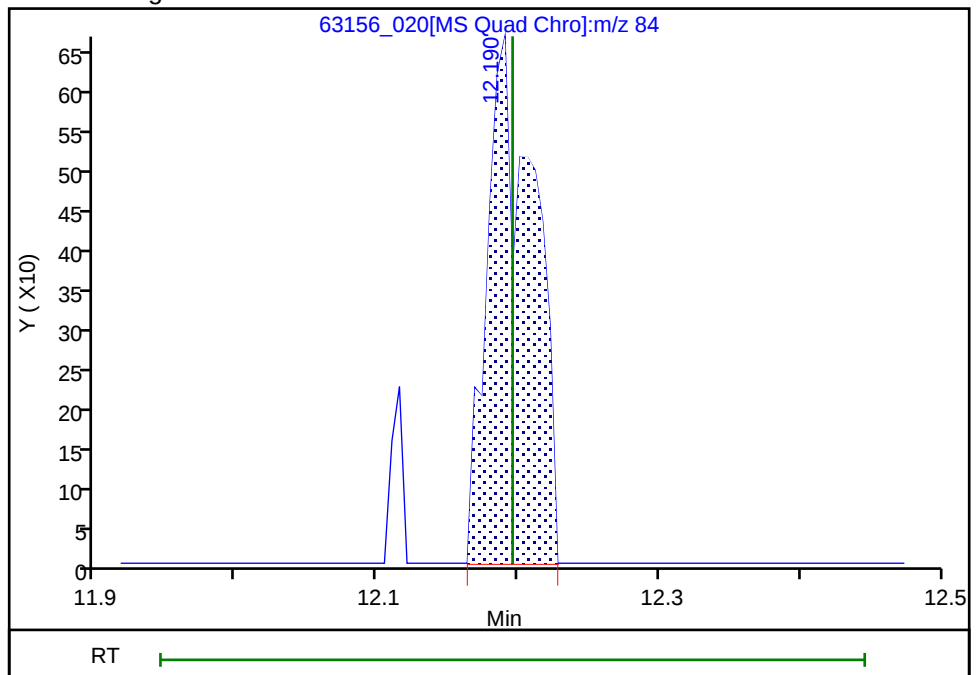
RT: 12.20
Area: 836
Amount: 0.008951
Amount Units: ppb v/v

Processing Integration Results



RT: 12.19
Area: 1528
Amount: 0.016360
Amount Units: ppb v/v

Manual Integration Results



Reviewer: YWL8, 28-Nov-2024 15:01:36 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

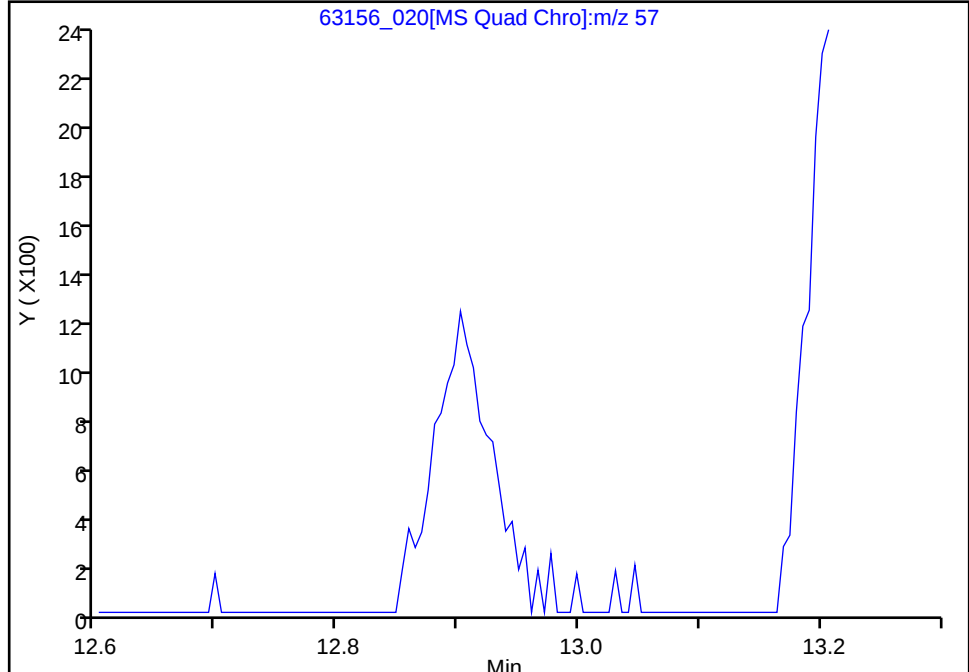
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D				
Injection Date:	27-Nov-2024 23:28:31	Instrument ID:	CHAN.i		
Lims ID:	200-76025-A-3	Lab Sample ID:	200-76025-3		
Client ID:	SVE-EFF_20241126				
Operator ID:	wrd	ALS Bottle#:	20	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN		

47 Isooctane, CAS: 540-84-1

Signal: 1

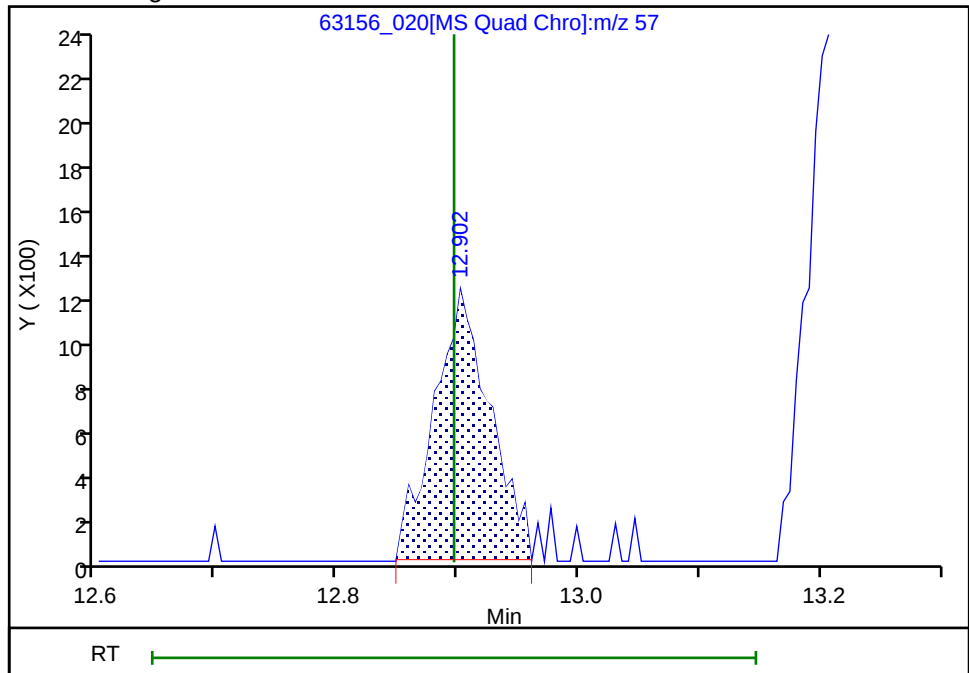
Not Detected
Expected RT: 12.90

Processing Integration Results



Manual Integration Results

RT:	12.90
Area:	3811
Amount:	0.011191
Amount Units:	ppb v/v



Reviewer: YWL8, 28-Nov-2024 15:01:53 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D

Injection Date: 27-Nov-2024 23:28:31

Instrument ID: CHAN.i

Lims ID: 200-76025-A-3

Lab Sample ID: 200-76025-3

Client ID: SVE-EFF_20241126

Operator ID: wrd

ALS Bottle#:

20

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

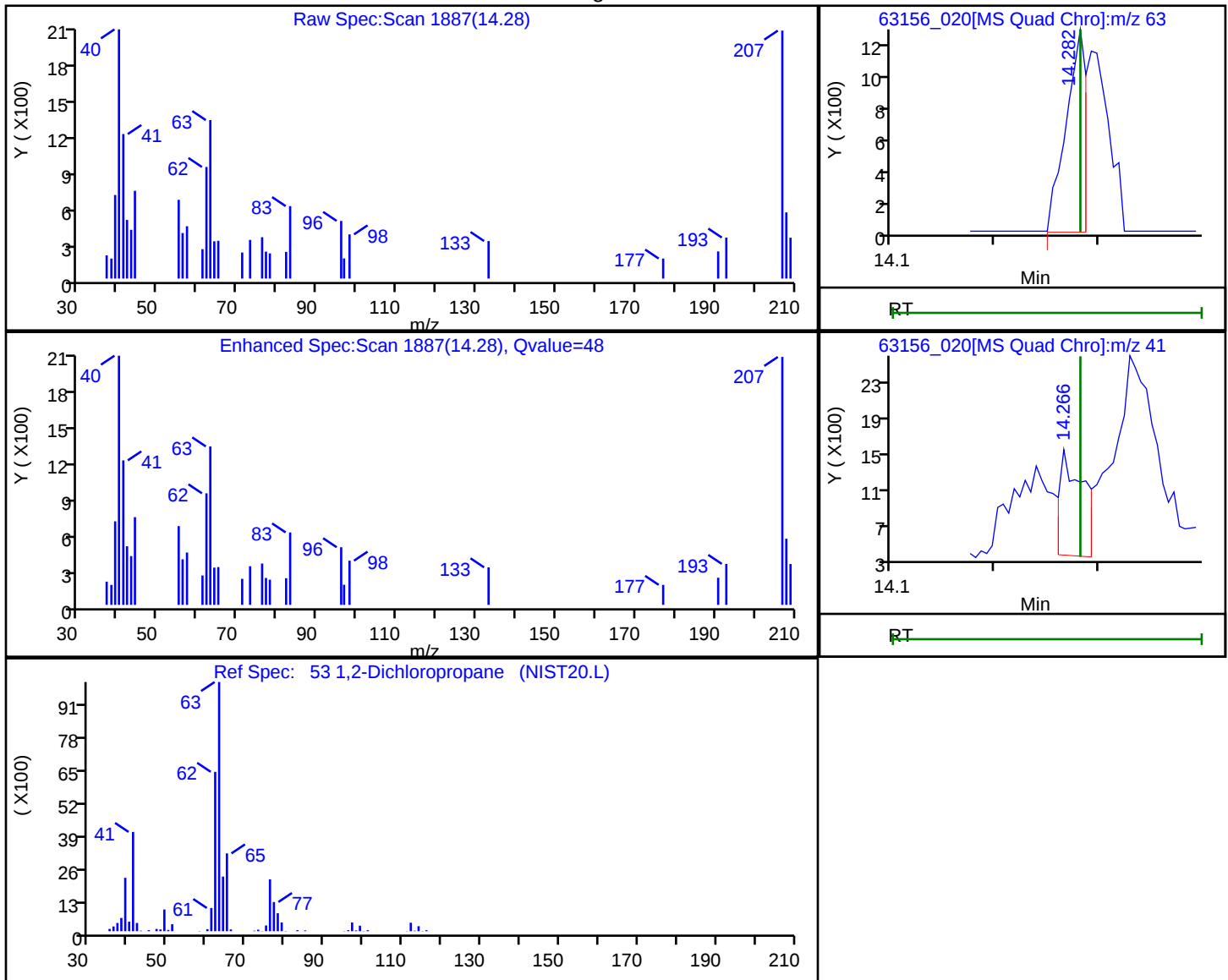
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

53 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
14.28	63.00	1727	0.020330
14.27	41.00	1880	

Reviewer: YWL8, 28-Nov-2024 15:02:18 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D

Injection Date: 27-Nov-2024 23:28:31

Instrument ID: CHAN.i

Lims ID: 200-76025-A-3

Lab Sample ID: 200-76025-3

Client ID: SVE-EFF_20241126

Operator ID: wrd

ALS Bottle#:

20

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

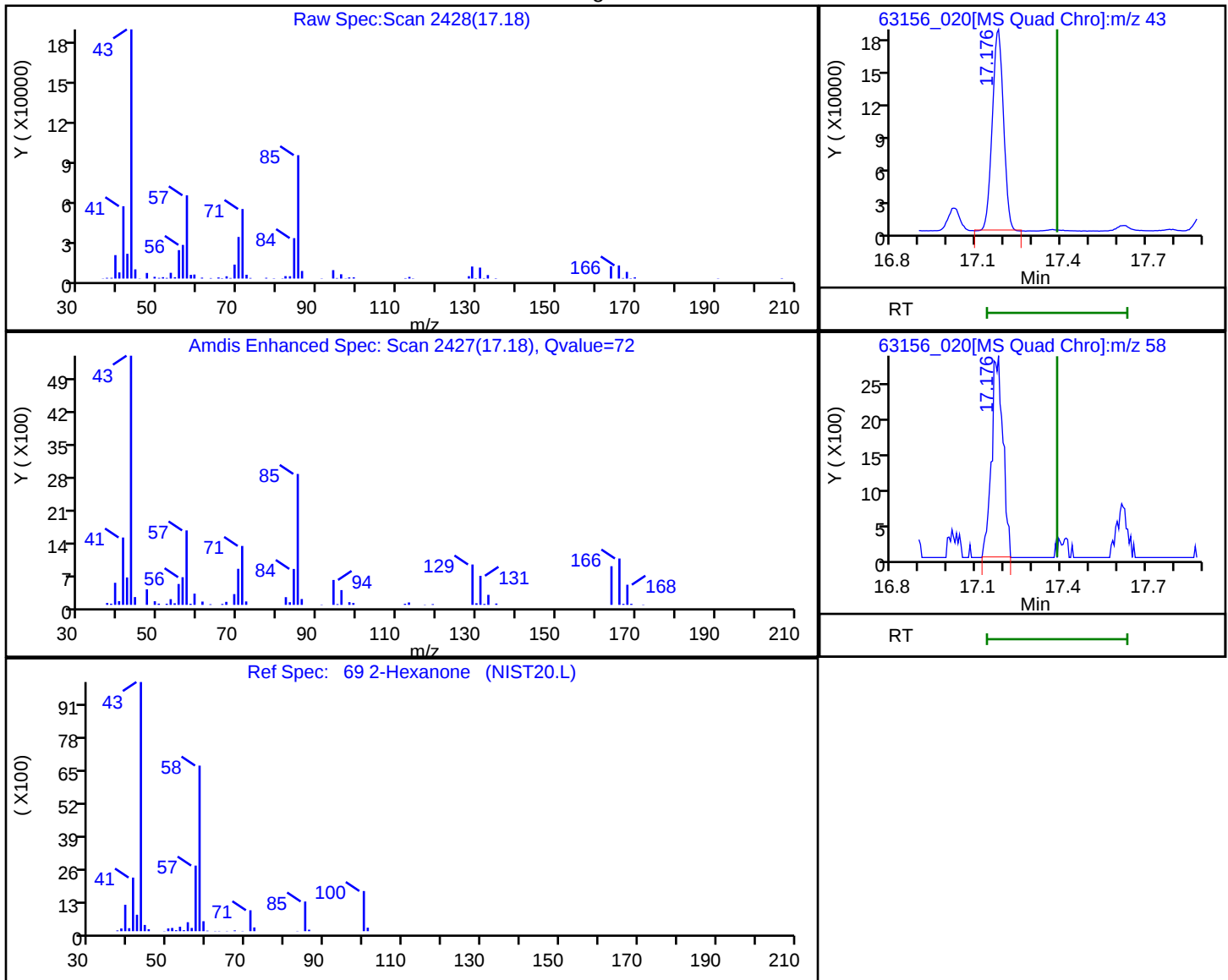
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

69 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
17.18	43.00	524856	3.545133
17.18	58.00	7956	

Reviewer: YWL8, 28-Nov-2024 15:02:25 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

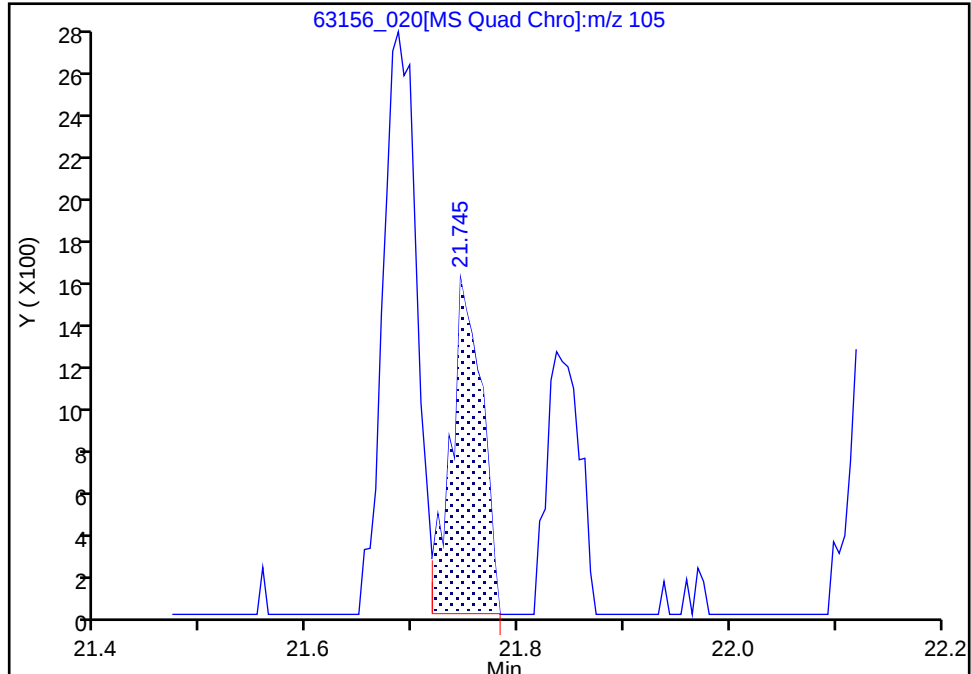
Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_020.D
Injection Date: 27-Nov-2024 23:28:31 Instrument ID: CHAN.i
Lims ID: 200-76025-A-3 Lab Sample ID: 200-76025-3
Client ID: SVE-EFF_20241126
Operator ID: wrd ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

88 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

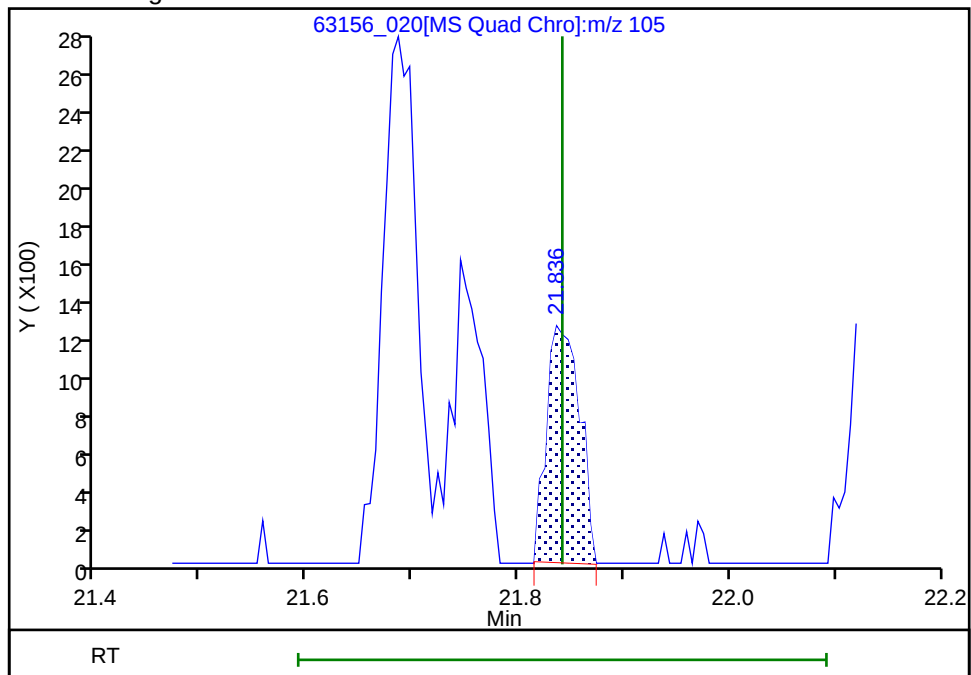
RT: 21.75
Area: 3260
Amount: 0.010967
Amount Units: ppb v/v

Processing Integration Results



RT: 21.84
Area: 2687
Amount: 0.009039
Amount Units: ppb v/v

Manual Integration Results



Reviewer: YWL8, 28-Nov-2024 15:02:39 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Client Sample ID: SVE-X_20241126 Lab Sample ID: 200-76025-4

Matrix: Air Lab File ID: 63156_022.D

Analysis Method: TO-15 Date Collected: 11/26/2024 12:00

Sample wt/vol: 200 (mL) Date Analyzed: 11/28/2024 01:11

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 211470 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.46	J	0.50	0.11
75-45-6	Freon 22	86.47	0.50	U	0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.21	J	0.50	0.15
106-97-8	n-Butane	58.12	2.3		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.18	J	0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	6.5		5.0	1.6
67-63-0	Isopropyl alcohol	60.10	2.5	J	5.0	1.6
75-15-0	Carbon disulfide	76.14	1.2		0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	1.1		0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.21	J	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	0.40	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-76025-1</u>
SDG No.: _____	
Client Sample ID: <u>SVE-X_20241126</u>	Lab Sample ID: <u>200-76025-4</u>
Matrix: <u>Air</u>	Lab File ID: <u>63156_022.D</u>
Analysis Method: <u>TO-15</u>	Date Collected: <u>11/26/2024 12:00</u>
Sample wt/vol: <u>200 (mL)</u>	Date Analyzed: <u>11/28/2024 01:11</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>211470</u>	Units: <u>ppb v/v</u>
Preparation Batch No.: _____	Instrument ID: <u>CHAN.i</u>

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.13	J	0.20	0.044
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.12	J	0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.082
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	5.3		0.50	0.13
108-88-3	Toluene	92.14	1.6		0.20	0.062
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.46		0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.069
179601-23-1	m,p-Xylene	106.17	0.23	J	0.50	0.095
95-47-6	o-Xylene	106.17	0.10	J	0.20	0.063
1330-20-7	Xylene (total)	106.17	0.33	J	0.70	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.078	J	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-X_20241126 Lab Sample ID: 200-76025-4
 Matrix: Air Lab File ID: 63156_022.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 12:00
 Sample wt/vol: 200 (mL) Date Analyzed: 11/28/2024 01:11
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.090	J	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061
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
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-76025-1</u>
SDG No.: _____	
Client Sample ID: <u>SVE-X_20241126</u>	Lab Sample ID: <u>200-76025-4</u>
Matrix: <u>Air</u>	Lab File ID: <u>63156_022.D</u>
Analysis Method: <u>TO-15</u>	Date Collected: <u>11/26/2024 12:00</u>
Sample wt/vol: <u>200 (mL)</u>	Date Analyzed: <u>11/28/2024 01:11</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>211470</u>	Units: <u>ug/m3</u>
Preparation Batch No.: _____	Instrument ID: <u>CHAN.i</u>

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.3	J	2.5	0.54
75-45-6	Freon 22	86.47	1.8	U	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	0.44	J	1.0	0.31
106-97-8	n-Butane	58.12	5.6		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	0.99	J	1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	15		12	3.8
67-63-0	Isopropyl alcohol	60.10	6.1	J	12	3.9
75-15-0	Carbon disulfide	76.14	3.8		1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	3.8		1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.72	J	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	1.6	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-76025-1</u>
SDG No.: _____	
Client Sample ID: <u>SVE-X_20241126</u>	Lab Sample ID: <u>200-76025-4</u>
Matrix: <u>Air</u>	Lab File ID: <u>63156_022.D</u>
Analysis Method: <u>TO-15</u>	Date Collected: <u>11/26/2024 12:00</u>
Sample wt/vol: <u>200 (mL)</u>	Date Analyzed: <u>11/28/2024 01:11</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>211470</u>	Units: <u>ug/m3</u>
Preparation Batch No.: _____	Instrument ID: <u>CHAN.i</u>

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	0.43	J	0.64	0.14
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.48	J	0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	0.30
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	22		2.0	0.53
108-88-3	Toluene	92.14	6.0		0.75	0.23
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	3.1		1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.30
179601-23-1	m,p-Xylene	106.17	1.0	J	2.2	0.41
95-47-6	o-Xylene	106.17	0.45	J	0.87	0.27
1330-20-7	Xylene (total)	106.17	1.4	J	3.0	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.38	J	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-X_20241126 Lab Sample ID: 200-76025-4
 Matrix: Air Lab File ID: 63156_022.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 12:00
 Sample wt/vol: 200 (mL) Date Analyzed: 11/28/2024 01:11
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ug/m3
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.44	J	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D
 Lims ID: 200-76025-A-4
 Client ID: SVE-X_20241126
 Sample Type: Client
 Inject. Date: 28-Nov-2024 01:11:46 ALS Bottle#: 22 Worklist Smp#: 22
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0063156-022
 Operator ID: wrd Instrument ID: CHAN.i
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 28-Nov-2024 15:17:18 Calib Date: 17-Nov-2024 22:53:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: YWL8

Date: 28-Nov-2024 15:17:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.444	4.457	-0.011	99	75089	0.4606	
3 Chlorodifluoromethane	51		4.497				ND	MU
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.813	4.813	-0.005	4	3415	0.0185	7M
5 Chloromethane	50	4.931	4.931	-0.005	85	13971	0.2134	M
6 Vinyl chloride	62		5.230				ND	
7 Butane	43	5.230	5.238	-0.006	98	225524	2.34	
8 Butadiene	54		5.348				ND	MU
9 Bromomethane	94		6.070				ND	
10 Chloroethane	64		6.343				ND	
13 Vinyl bromide	106		6.760				ND	
14 Trichlorofluoromethane	101	6.932	6.929	0.006	97	26683	0.1768	
20 1,1-Dichloroethene	96		7.980				ND	7
21 1,1,2-Trichloro-1,2,2-trifluoro	101		8.023				ND	
22 Acetone	43	8.060	8.048	0.016	98	584099	6.48	
23 Isopropyl alcohol	45	8.349	8.337	0.016	100	251722	2.49	
24 Carbon disulfide	76	8.387	8.391	0.000	99	244532	1.21	
26 3-Chloro-1-propene	41		8.670				ND	MU
27 Methylene Chloride	49	8.900	8.899	0.005	98	83161	1.11	
28 2-Methyl-2-propanol	59	9.120	9.102	0.022	99	81082	0.6176	
30 trans-1,2-Dichloroethene	61		9.398				ND	
31 Methyl tert-butyl ether	73		9.403				ND	MU
32 Hexane	57	9.917	9.921	0.000	93	22479	0.2054	
33 1,1-Dichloroethane	63		10.157				ND	
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
36 2-Butanone (MEK)	72	11.137	11.120	0.022	100	13821	0.3799	
37 cis-1,2-Dichloroethene	96		11.153				ND	7
* 39 Chlorobromomethane	128	11.559	11.554	0.005	98	475151	10.0	
40 Tetrahydrofuran	42		11.602				ND	7
41 Chloroform	83		11.736				ND	7
42 1,1,1-Trichloroethane	97		12.046				ND	7
43 Cyclohexane	84	12.196	12.196	0.000	71	2423	0.0252	M
44 Carbon tetrachloride	117		12.329				ND	7

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Benzene	78	12.672	12.672	0.000	97	30473	0.1349	
46 1,2-Dichloroethane	62		12.736				ND	
47 Isooctane	57		12.897				ND	
48 n-Heptane	43	13.202	13.207	-0.005	95	14732	0.1162	
* 49 1,4-Difluorobenzene	114	13.399	13.399	0.000	96	2321010	10.0	
51 Trichloroethene	95		13.838				ND	
53 1,2-Dichloropropane	63		14.282				ND	7
54 Methyl methacrylate	69		14.373				ND	
55 1,4-Dioxane	88		14.411				ND	
58 Dichlorobromomethane	83		14.748				ND	
59 cis-1,3-Dichloropropene	75		15.550				ND	
61 4-Methyl-2-pentanone (MIBK)	43	15.818	15.807	0.011	97	846357	5.33	
62 Toluene	92	16.203	16.197	0.006	94	261507	1.61	
66 trans-1,3-Dichloropropene	75		16.599				ND	7
67 1,1,2-Trichloroethane	83		16.973				ND	
68 Tetrachloroethene	166	17.198	17.193	0.006	93	58138	0.4556	
69 2-Hexanone	43		17.385				ND	MU
70 Chlorodibromomethane	129		17.711				ND	
71 Ethylene Dibromide	107		17.952				ND	
* 73 Chlorobenzene-d5	117	18.867	18.867	0.000	90	2073449	10.0	
74 Chlorobenzene	112		18.926				ND	7
75 Ethylbenzene	91	19.124	19.124	0.000	98	19027	0.0542	
76 m-Xylene & p-Xylene	106	19.375	19.380	-0.005	0	31288	0.2319	
S 80 Xylenes, Total	106				0		0.3363	
78 o-Xylene	106	20.151	20.156	-0.005	96	13762	0.1044	
79 Styrene	104	20.194	20.188	0.006	96	12067	0.0551	
81 Bromoform	173		20.525				ND	
82 Isopropylbenzene	105	20.841	20.841	0.000	97	29847	0.0781	
83 1,1,2,2-Tetrachloroethane	83		21.344				ND	7
85 N-Propylbenzene	91		21.552				ND	7
86 2-Chlorotoluene	91		21.697				ND	MU
87 4-Ethyltoluene	105	21.751	21.751	0.000	96	4731	0.0129	
88 1,3,5-Trimethylbenzene	105	21.841	21.836	0.000	89	4626	0.0151	
91 tert-Butylbenzene	119		22.323				ND	7
92 1,2,4-Trimethylbenzene	105	22.403	22.409	-0.005	91	27891	0.0903	
93 sec-Butylbenzene	105		22.644				ND	MU
94 1,3-Dichlorobenzene	146		22.815				ND	7
95 4-Isopropyltoluene	119	22.858	22.858	0.000	92	5360	0.0142	
96 1,4-Dichlorobenzene	146		22.954				ND	7
97 Benzyl chloride	91		23.099				ND	7
98 n-Butylbenzene	91		23.414				ND	MU
99 1,2-Dichlorobenzene	146		23.446				ND	7
102 1,2,4-Trichlorobenzene	180		25.891				ND	
103 Hexachlorobutadiene	225		26.148				ND	
104 Naphthalene	128	26.367	26.367	-0.006	65	10831	0.0358	M

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Worklist Smp#: 22

Client ID: SVE-X_20241126

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

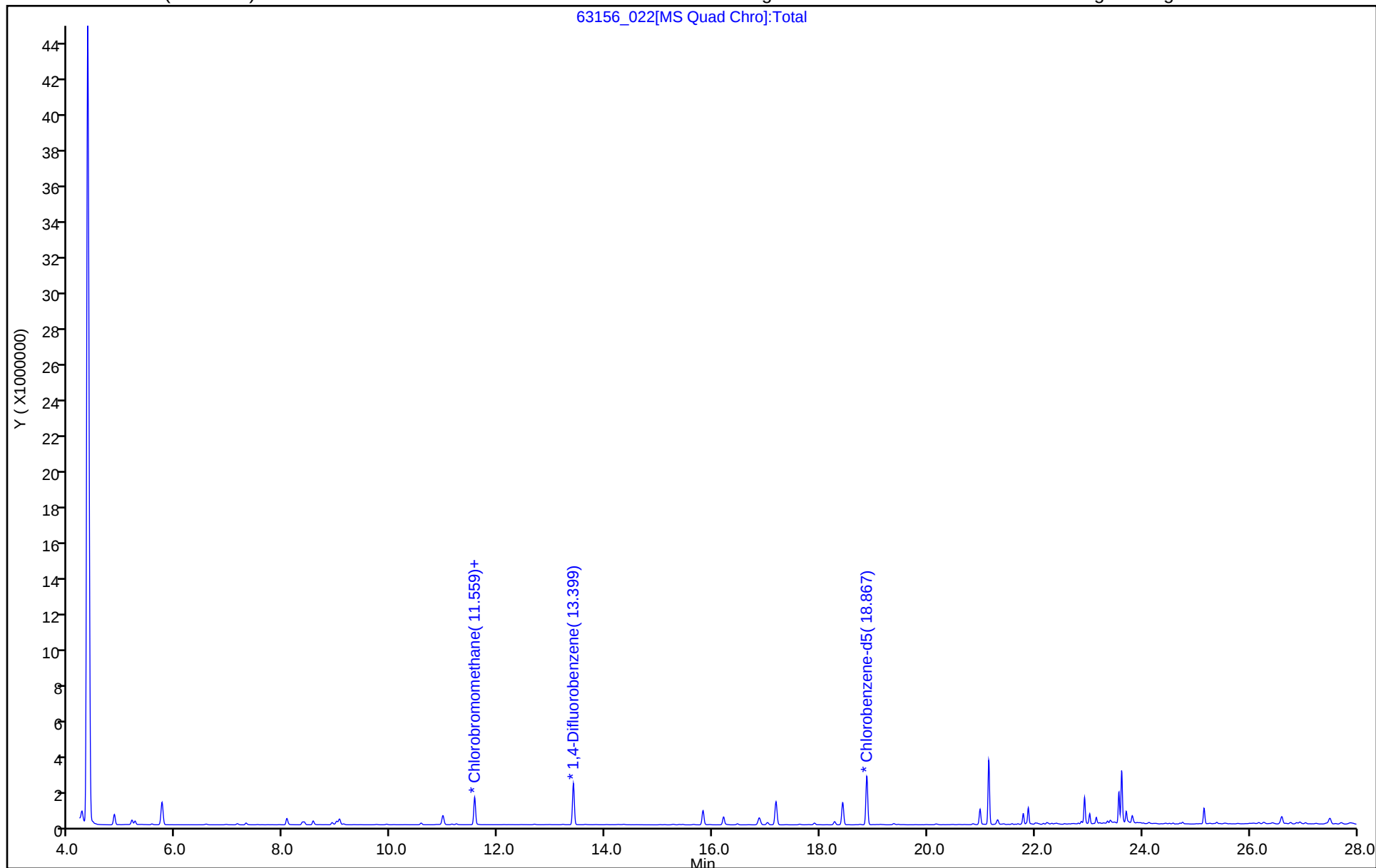
ALS Bottle#: 22

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#: 22

Worklist Smp#: 22

Purge Vol: 200.000 mL

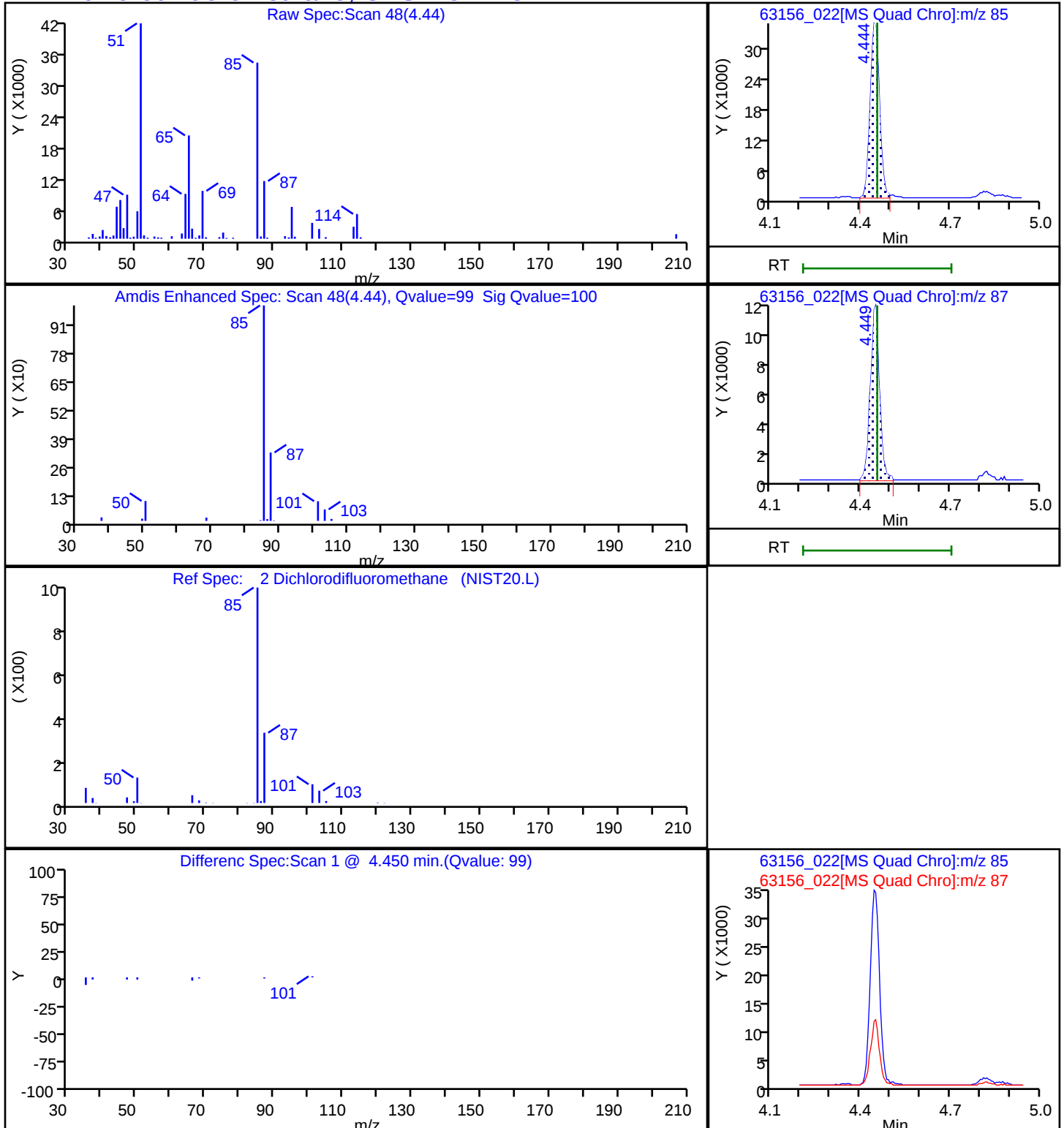
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#: 22

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

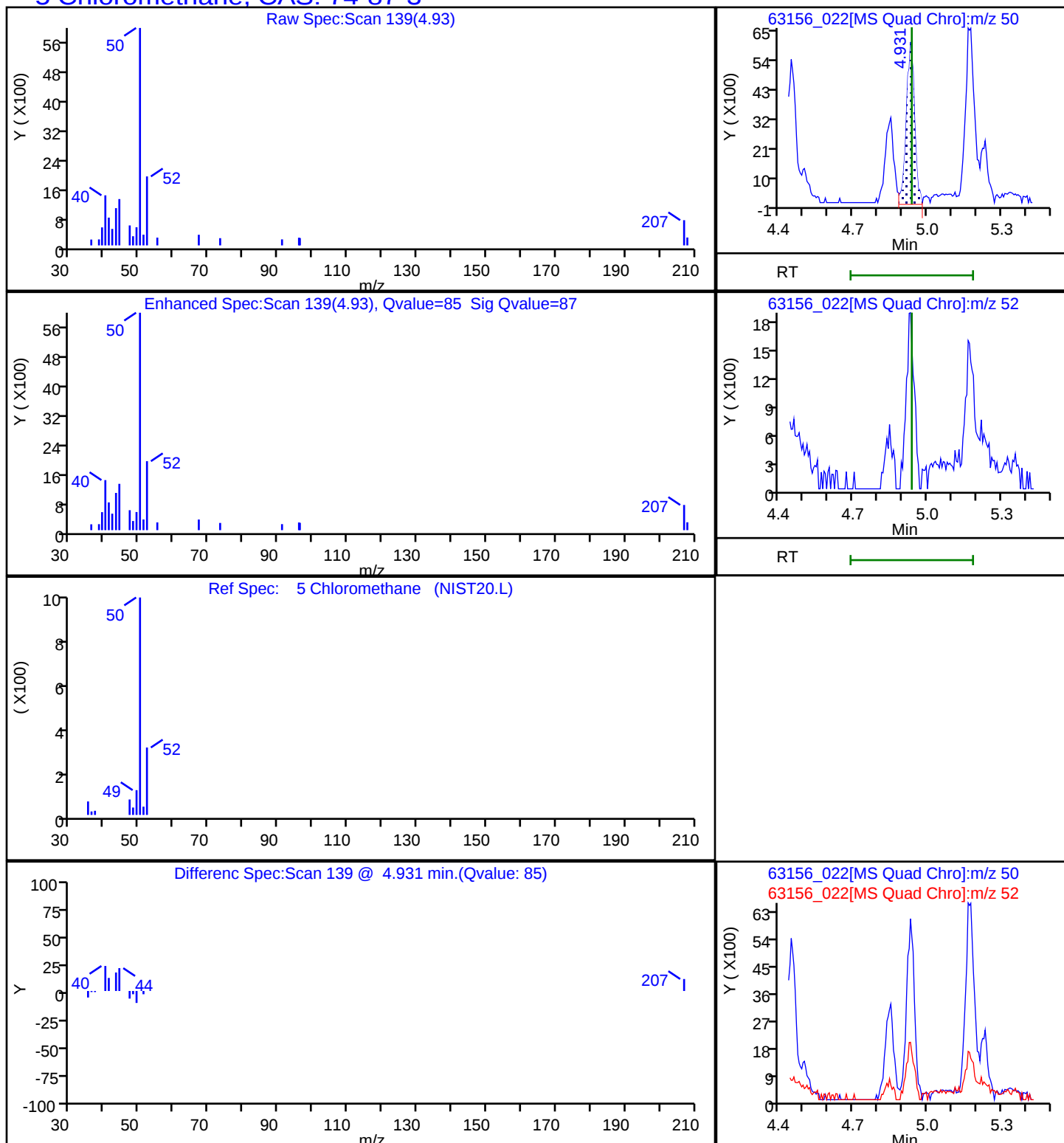
Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

5 Chloromethane, CAS: 74-87-3



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#: 22

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

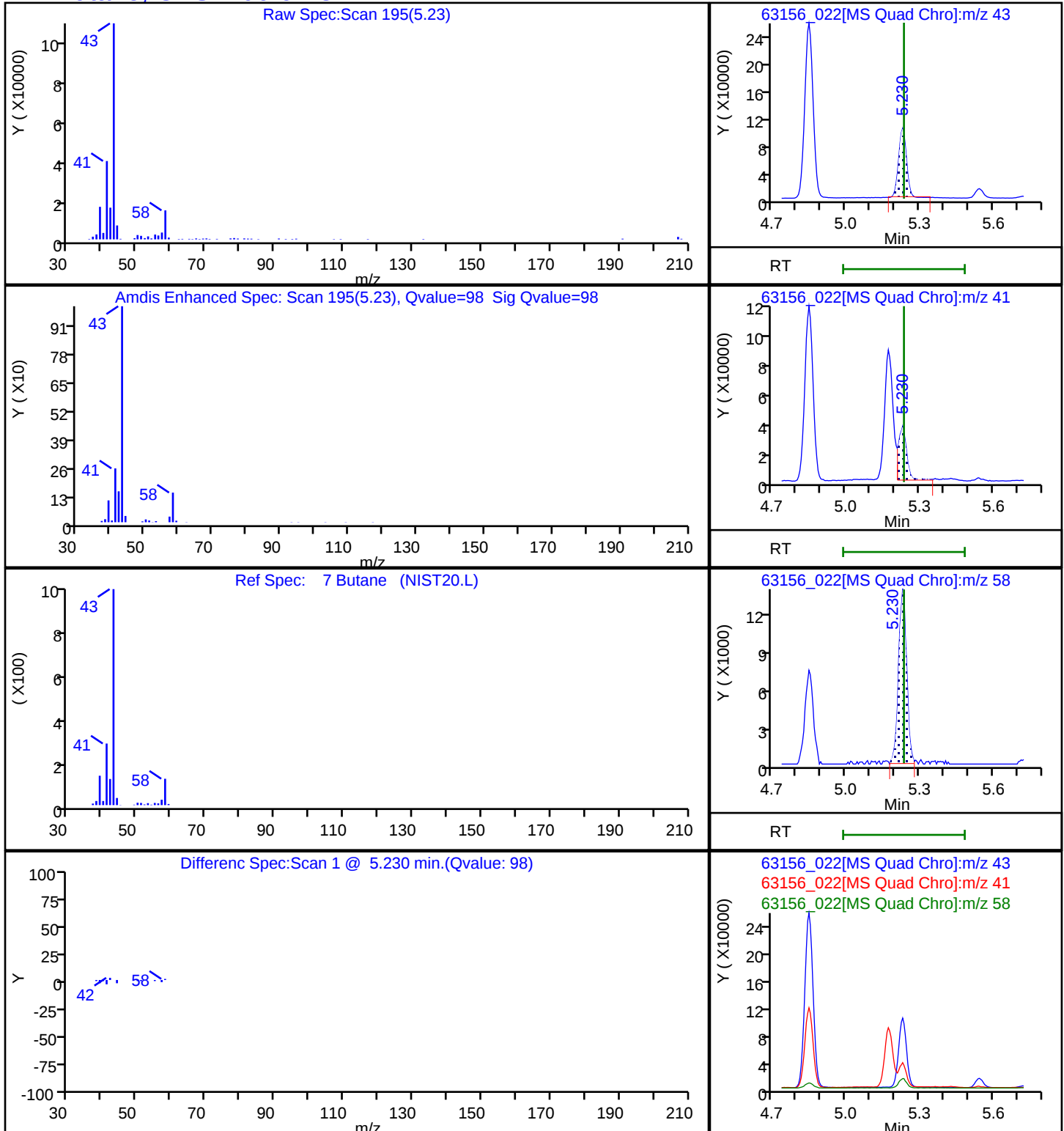
Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

7 Butane, CAS: 106-97-8



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#: 22

Worklist Smp#: 22

Purge Vol: 200.000 mL

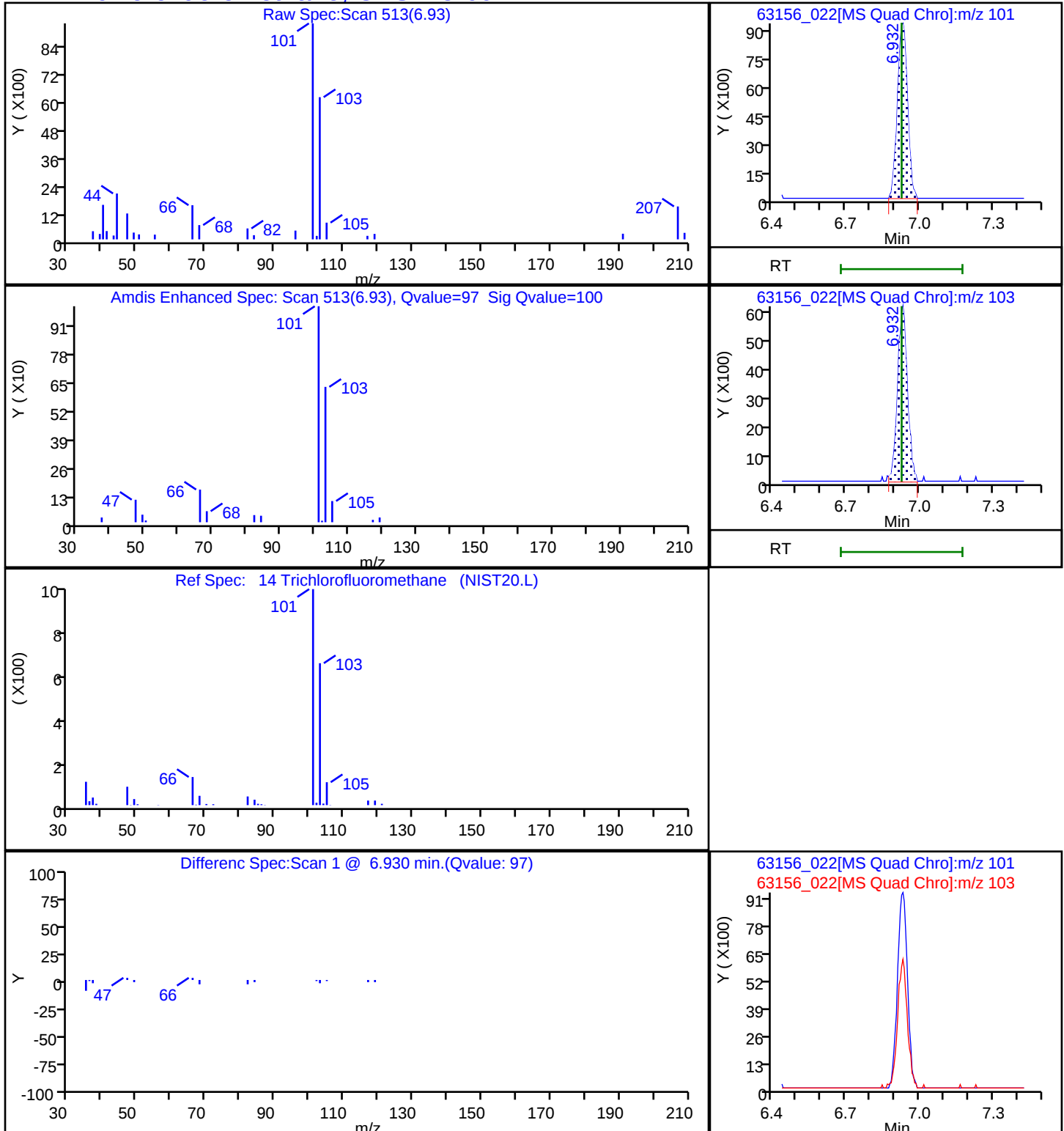
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

14 Trichlorofluoromethane, CAS: 75-69-4

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#: 22

Worklist Smp#: 22

Purge Vol: 200.000 mL

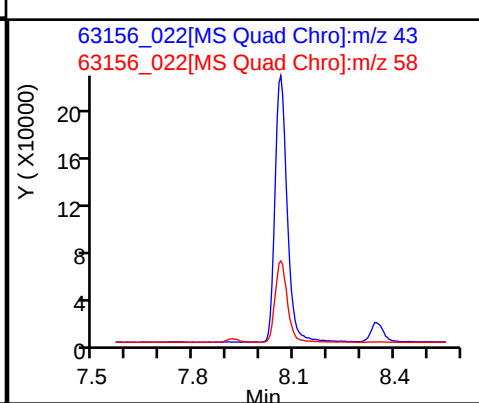
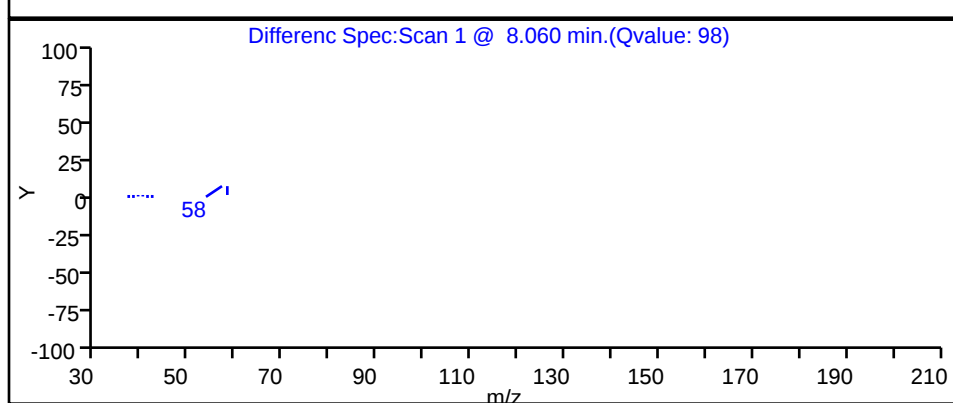
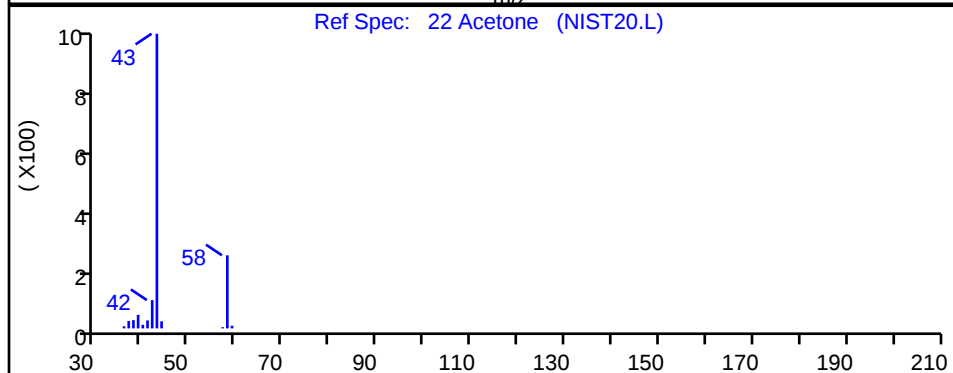
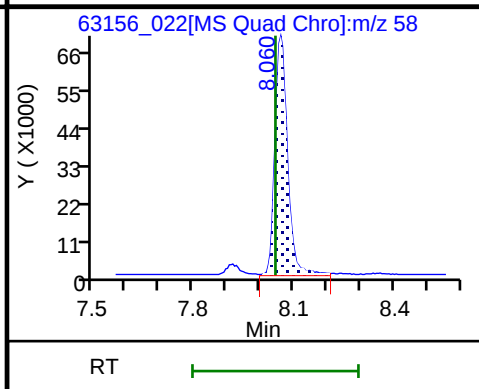
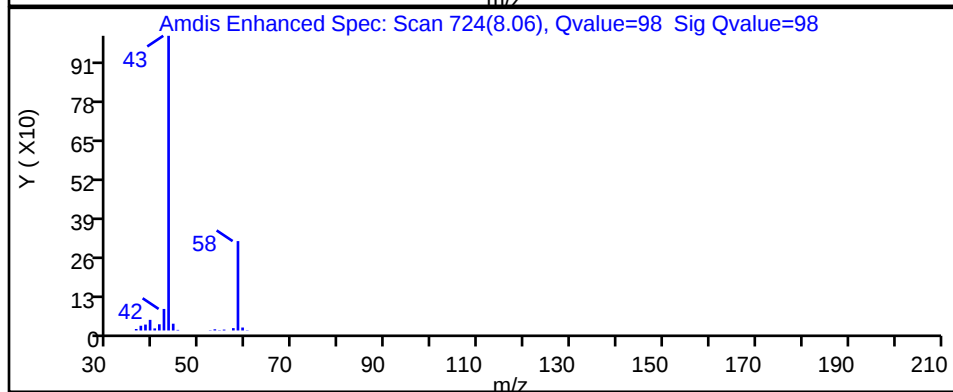
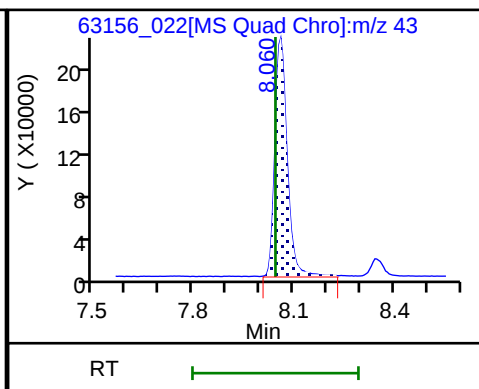
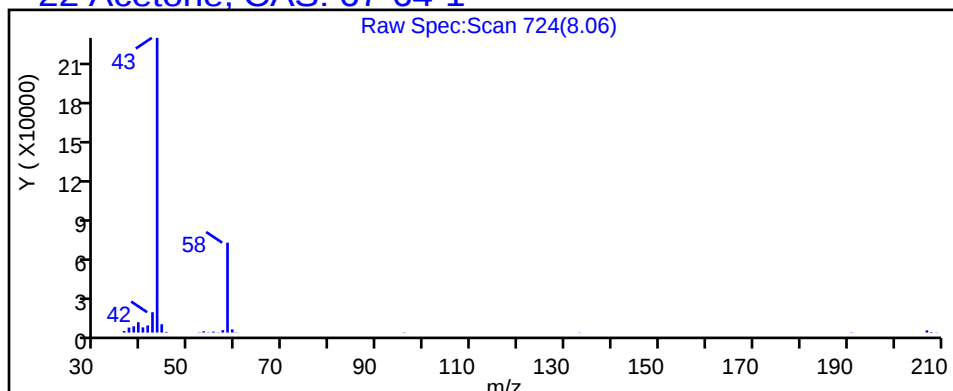
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

22 Acetone, CAS: 67-64-1

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#: 22

Worklist Smp#: 22

Purge Vol: 200.000 mL

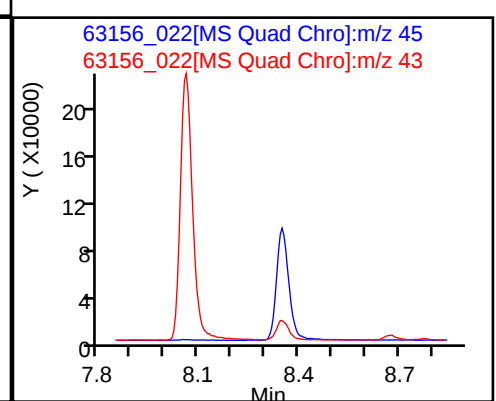
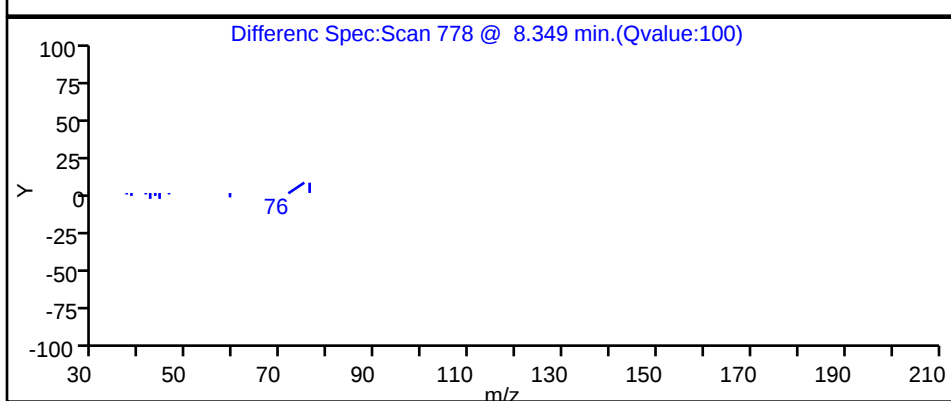
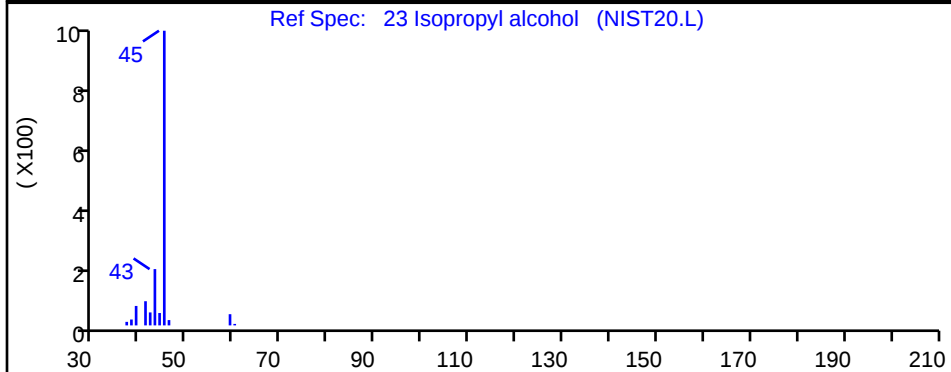
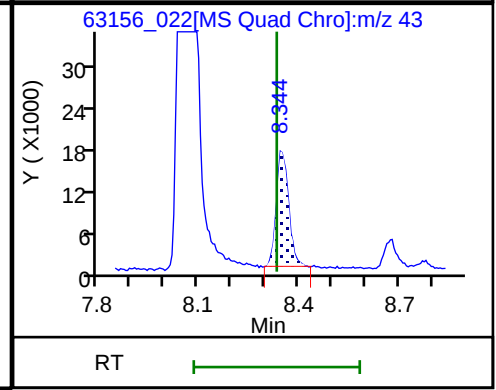
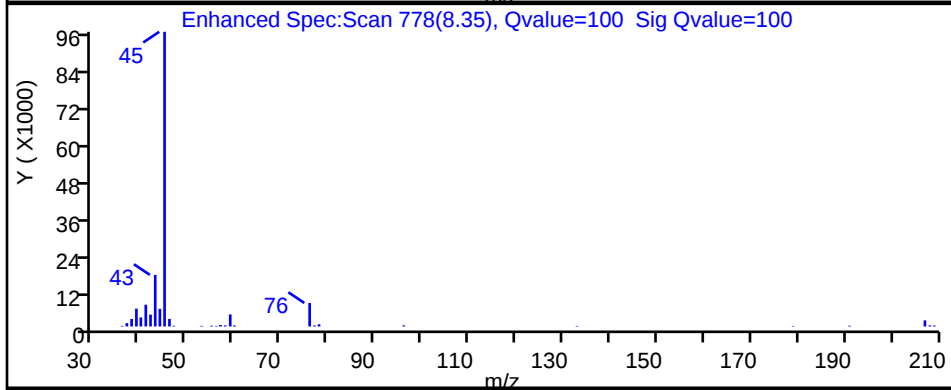
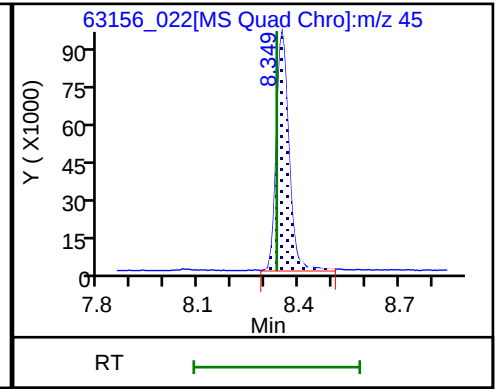
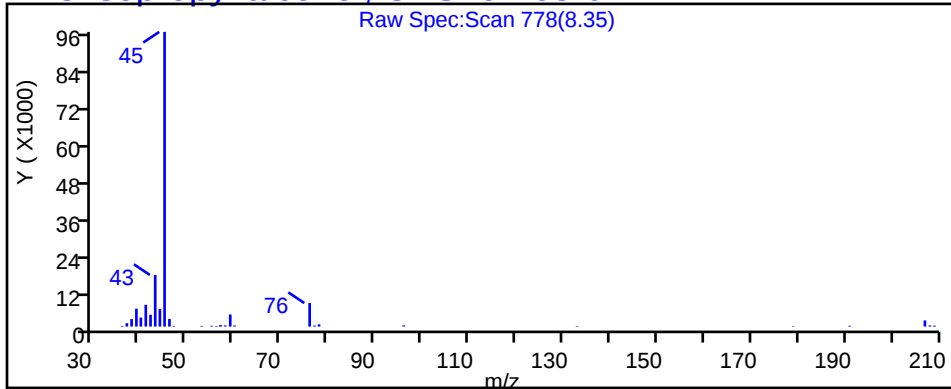
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 Isopropyl alcohol, CAS: 67-63-0

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#: 22

Worklist Smp#: 22

Purge Vol: 200.000 mL

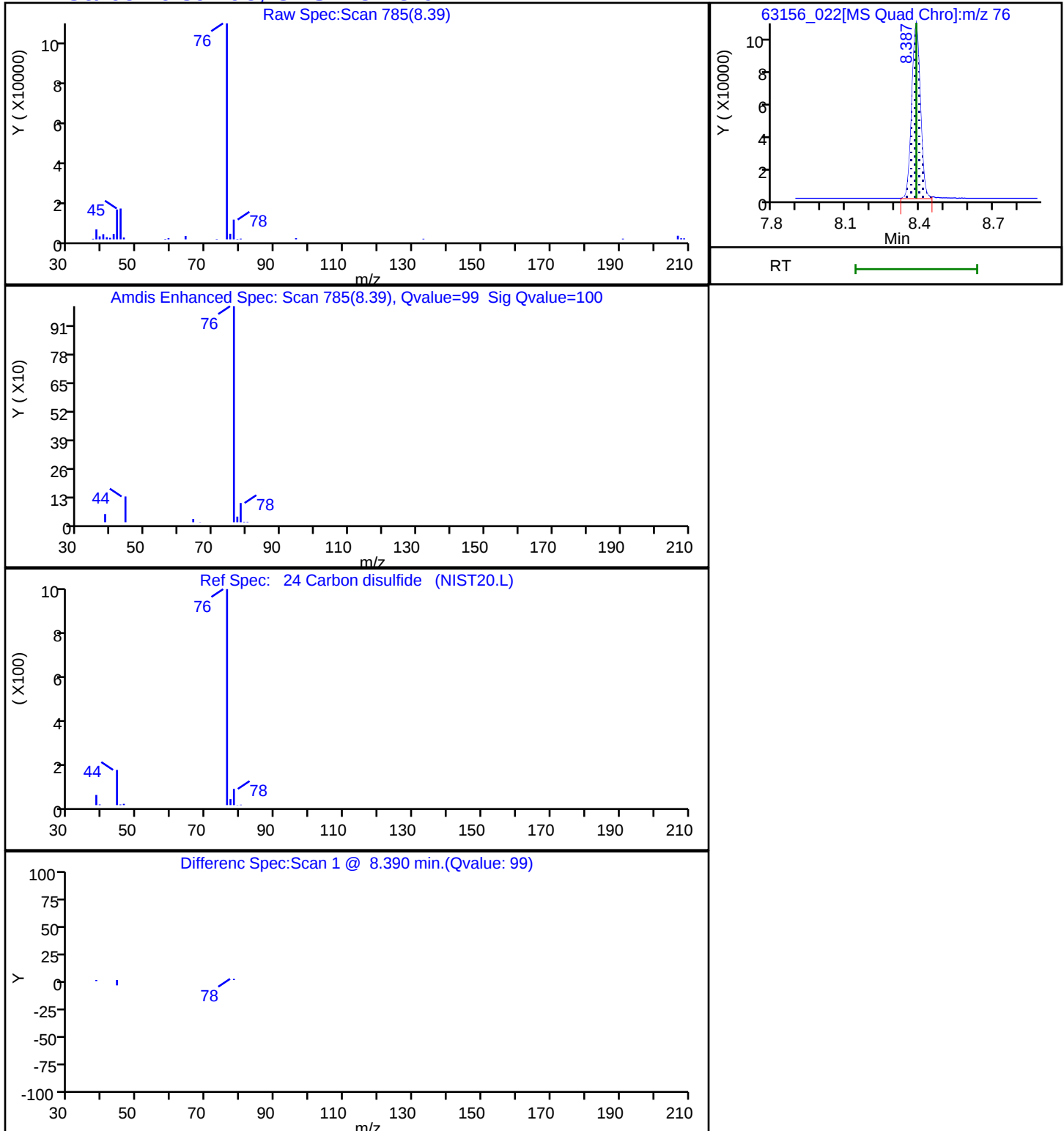
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

24 Carbon disulfide, CAS: 75-15-0

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#: 22

Worklist Smp#: 22

Purge Vol: 200.000 mL

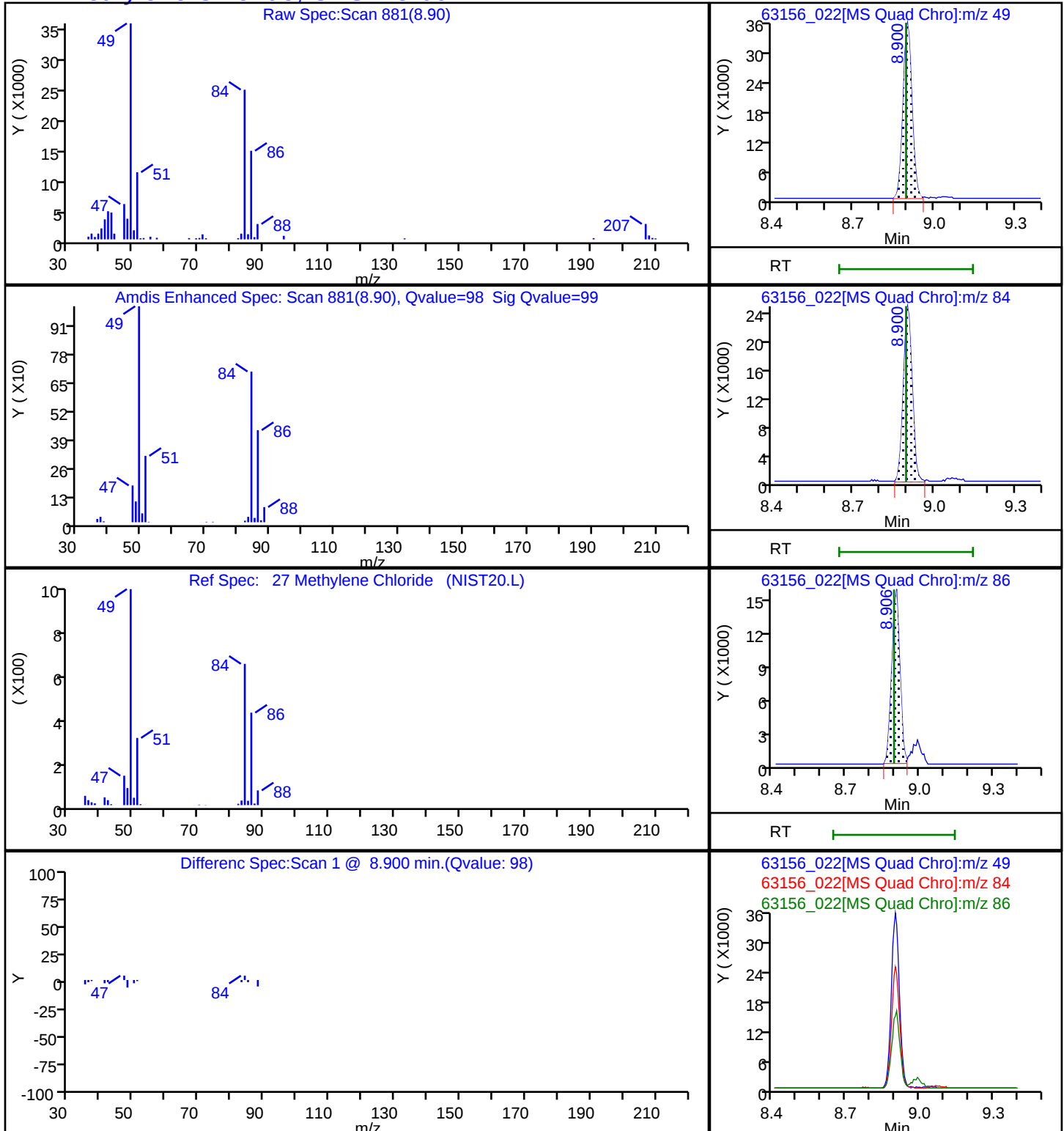
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Methylene Chloride, CAS: 75-09-2

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#: 22

Worklist Smp#: 22

Purge Vol: 200.000 mL

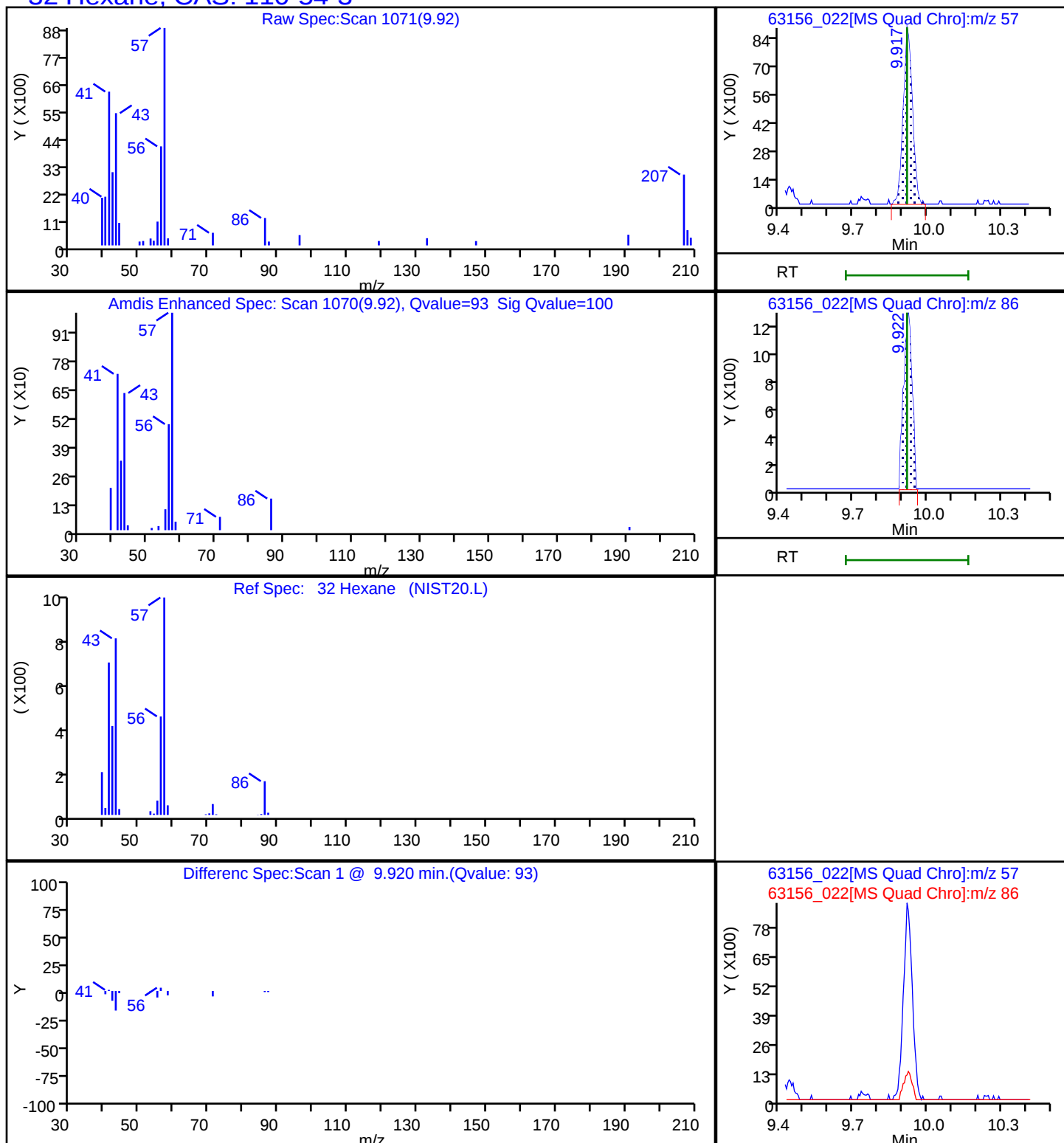
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

32 Hexane, CAS: 110-54-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#: 22

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

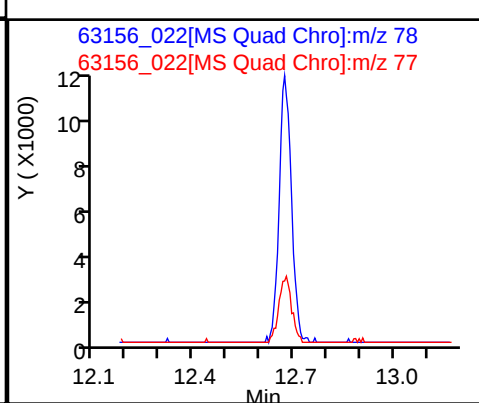
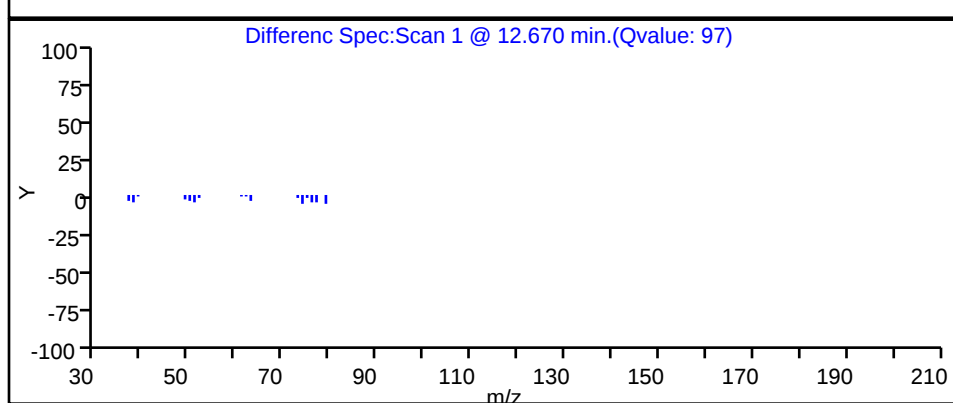
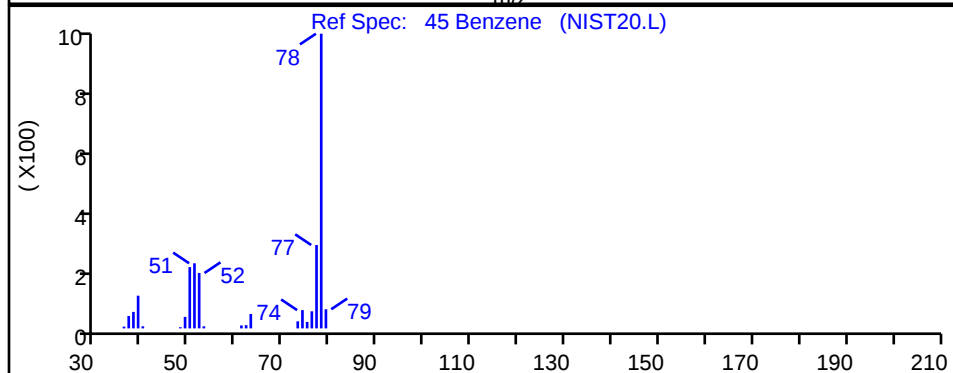
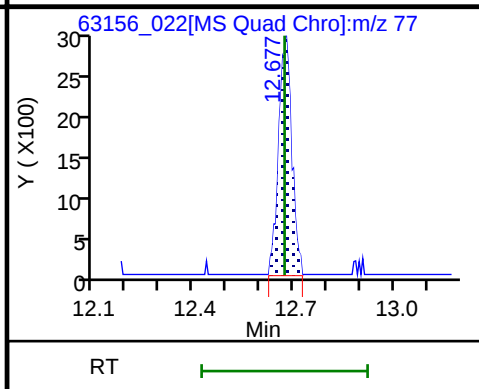
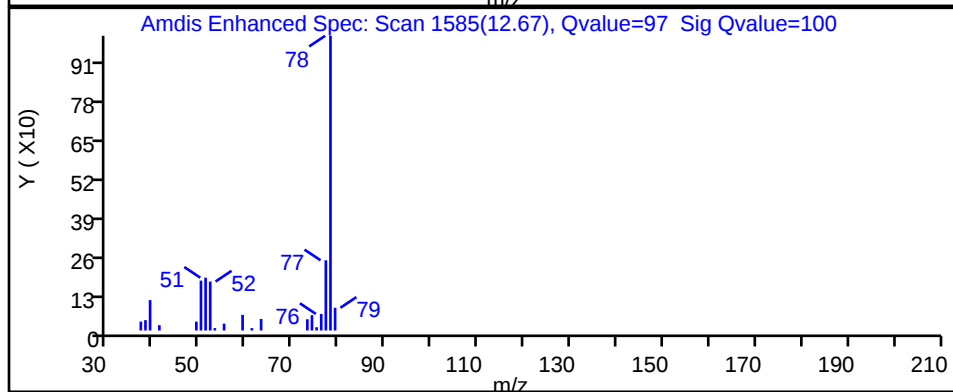
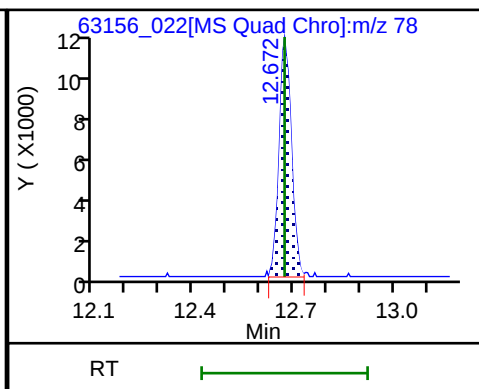
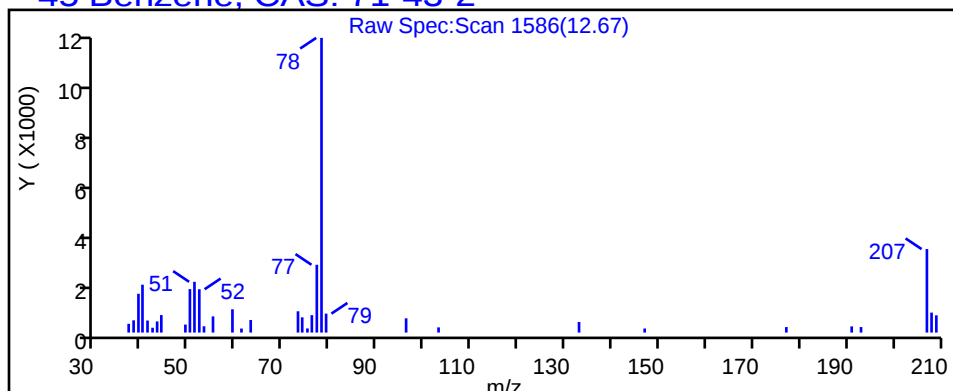
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Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

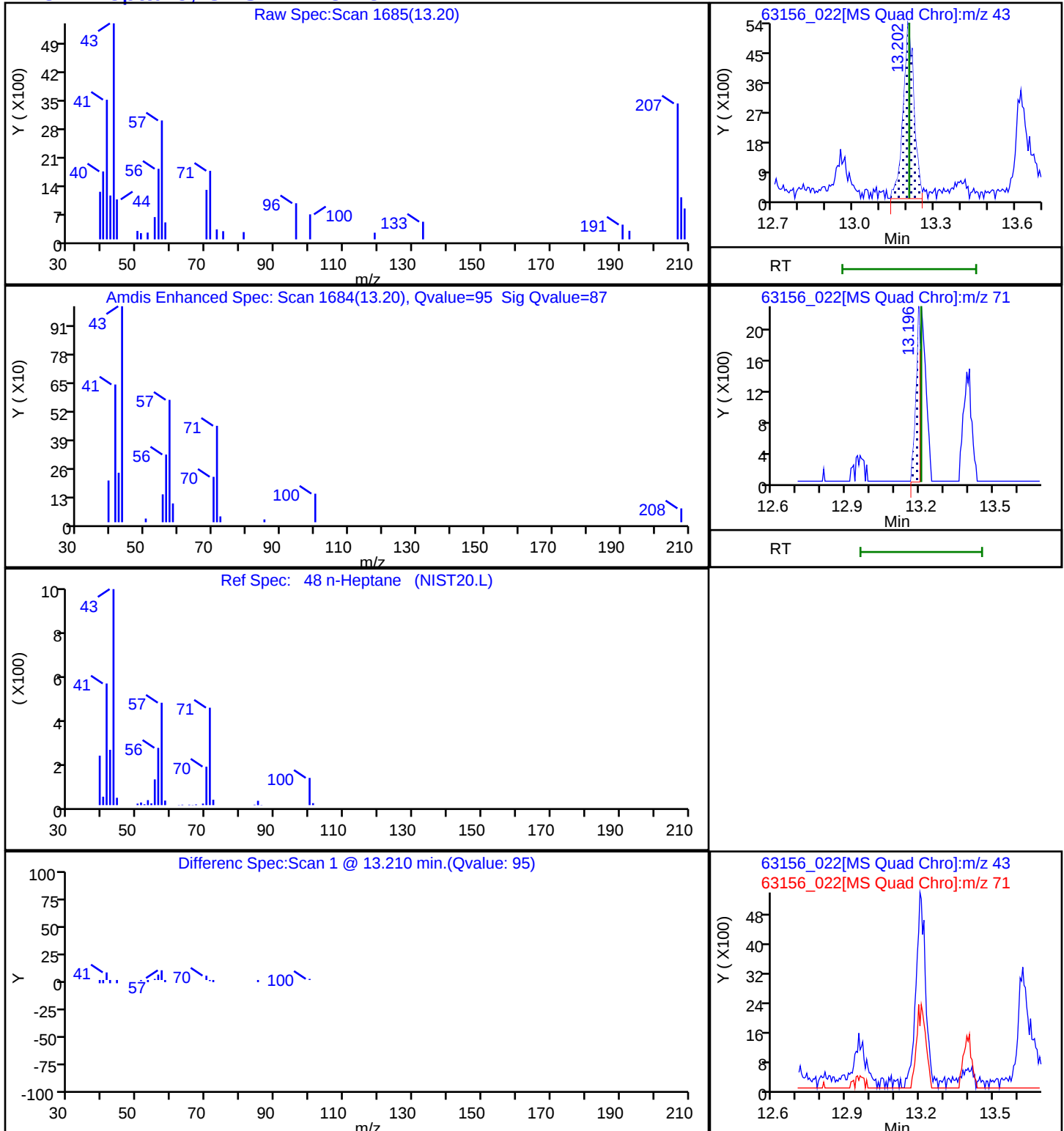
Detector: MS SCAN

45 Benzene, CAS: 71-43-2



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D
Injection Date: 28-Nov-2024 01:11:46 Instrument ID: CHAN.i
Lims ID: 200-76025-A-4 Lab Sample ID: 200-76025-4
Client ID: SVE-X_20241126
Operator ID: wrd ALS Bottle#: 22 Worklist Smp#: 22
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

48 n-Heptane, CAS: 142-82-5

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#: 22

Worklist Smp#: 22

Purge Vol: 200.000 mL

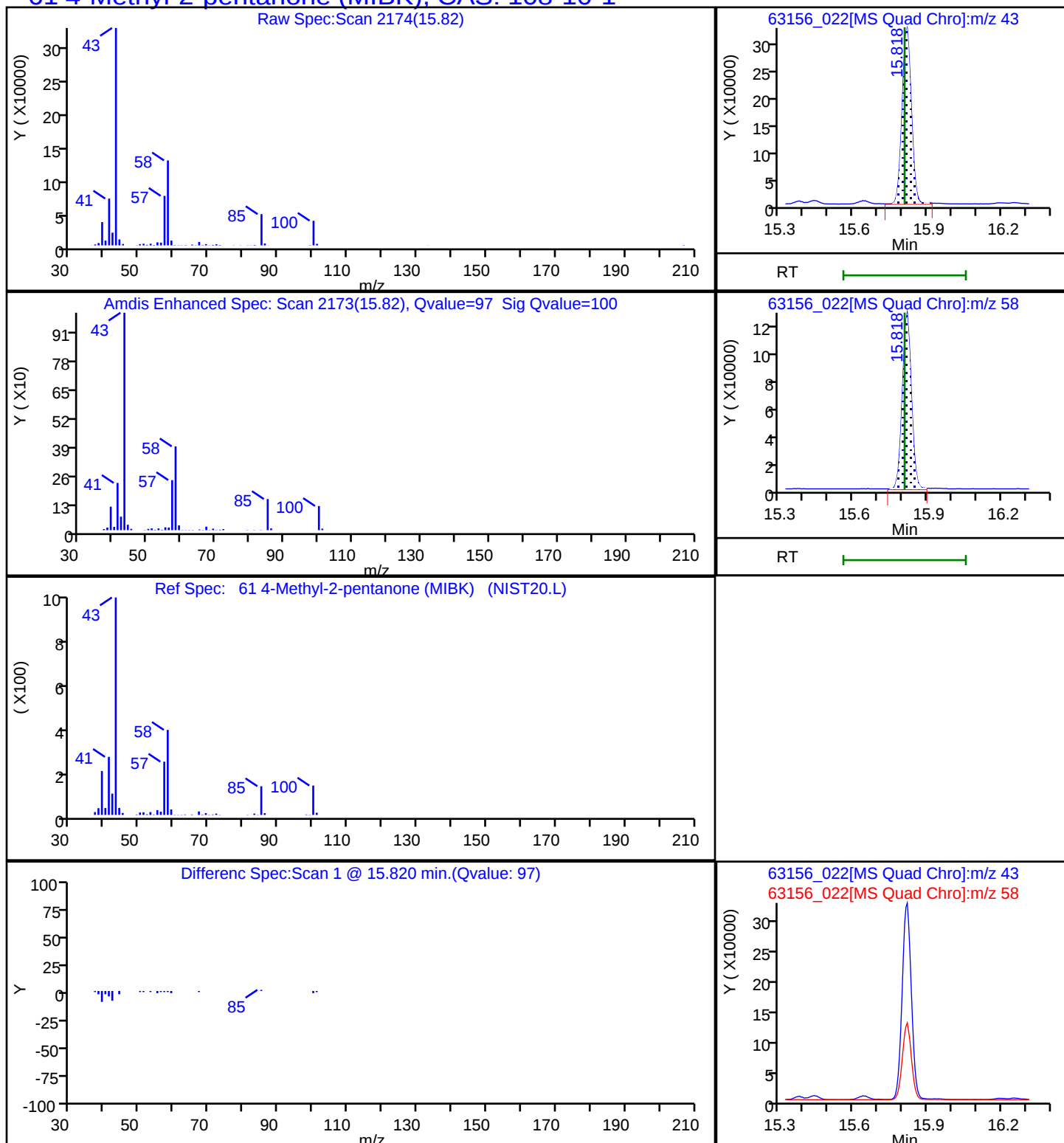
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#: 22

Worklist Smp#: 22

Purge Vol: 200.000 mL

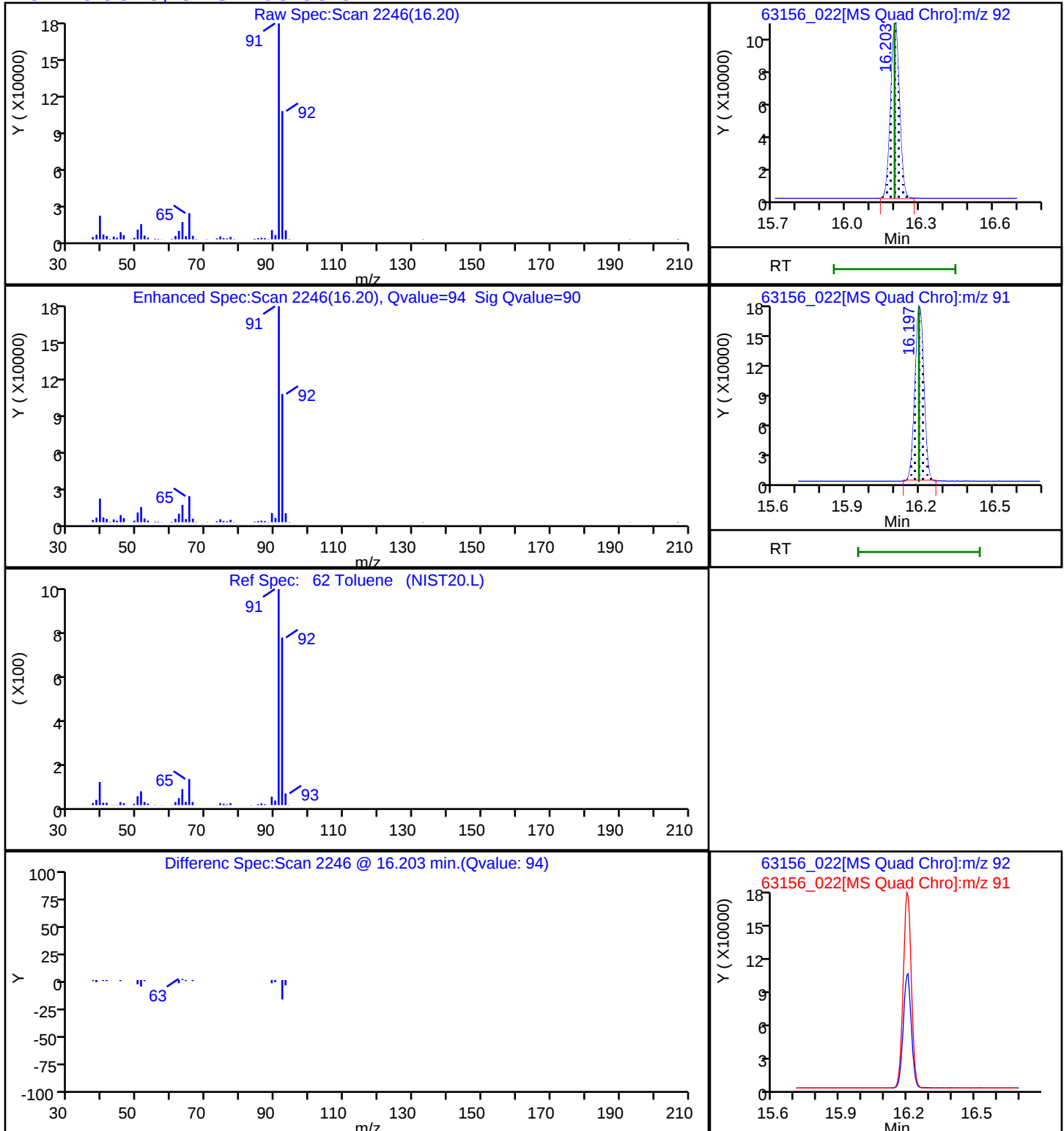
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Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

62 Toluene, CAS: 108-88-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#: 22

Worklist Smp#: 22

Purge Vol: 200.000 mL

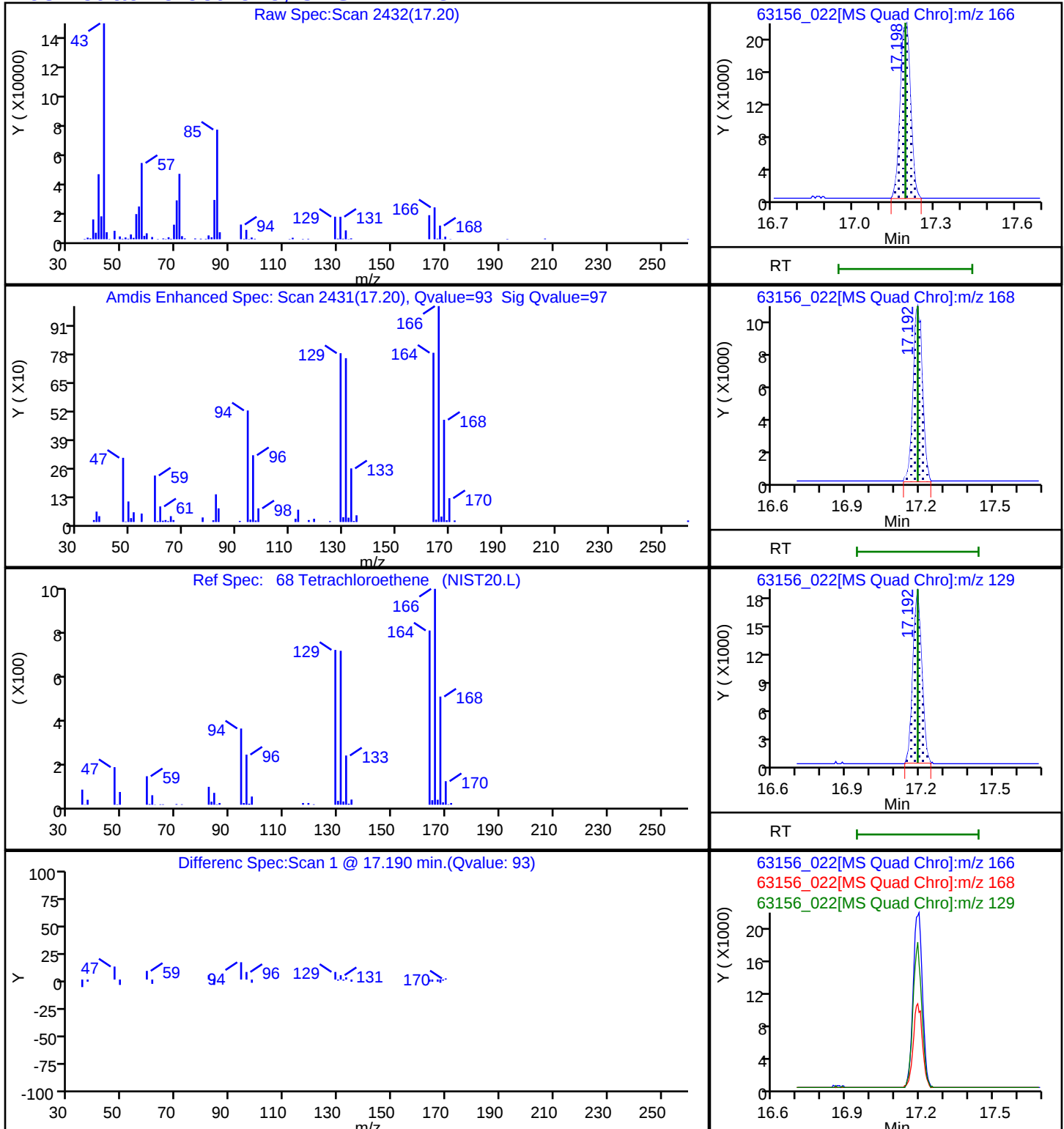
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

68 Tetrachloroethene, CAS: 127-18-4

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#: 22

Worklist Smp#: 22

Purge Vol: 200.000 mL

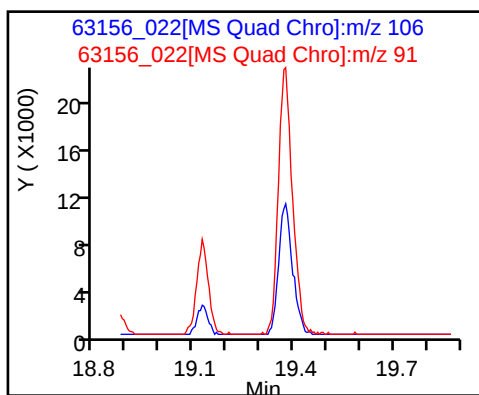
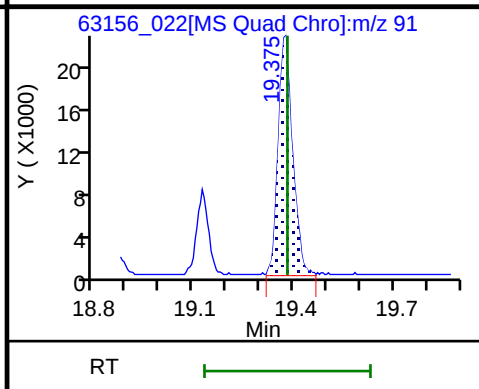
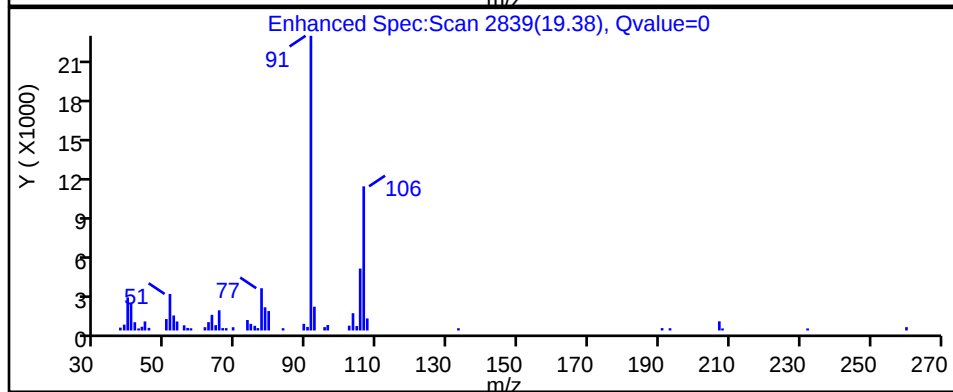
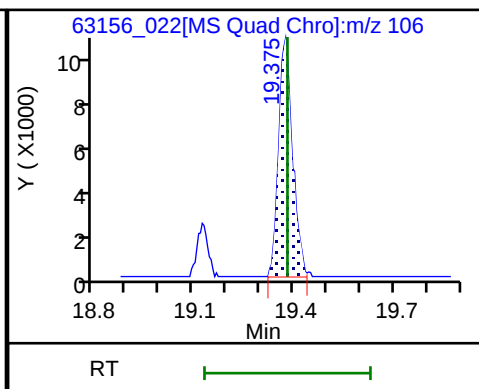
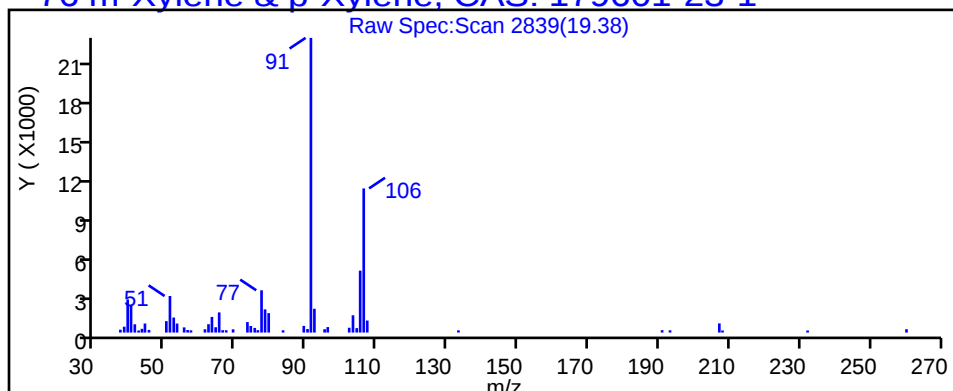
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

76 m-Xylene & p-Xylene, CAS: 179601-23-1

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#: 22

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

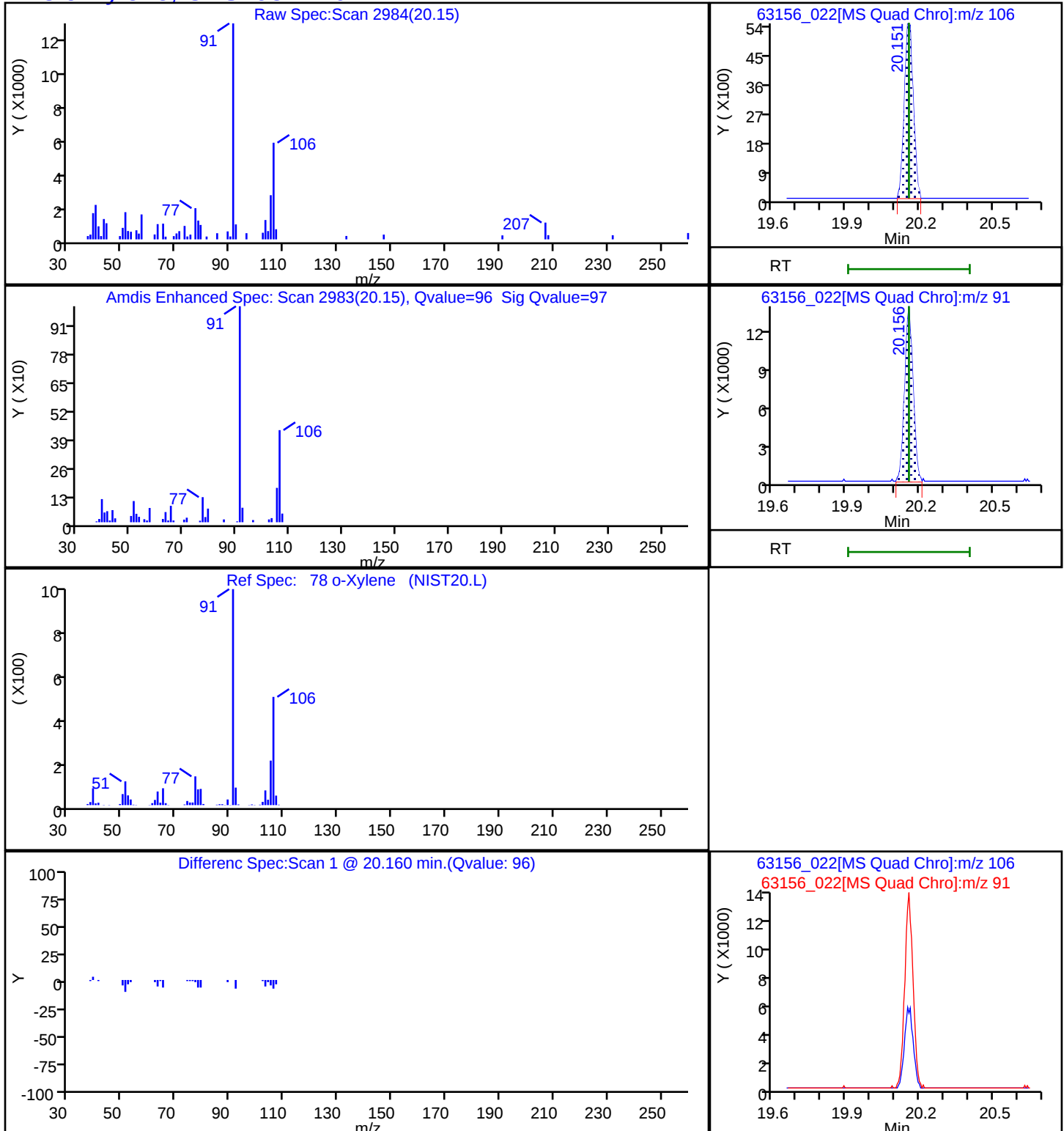
Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 o-Xylene, CAS: 95-47-6



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#: 22

Worklist Smp#: 22

Purge Vol: 200.000 mL

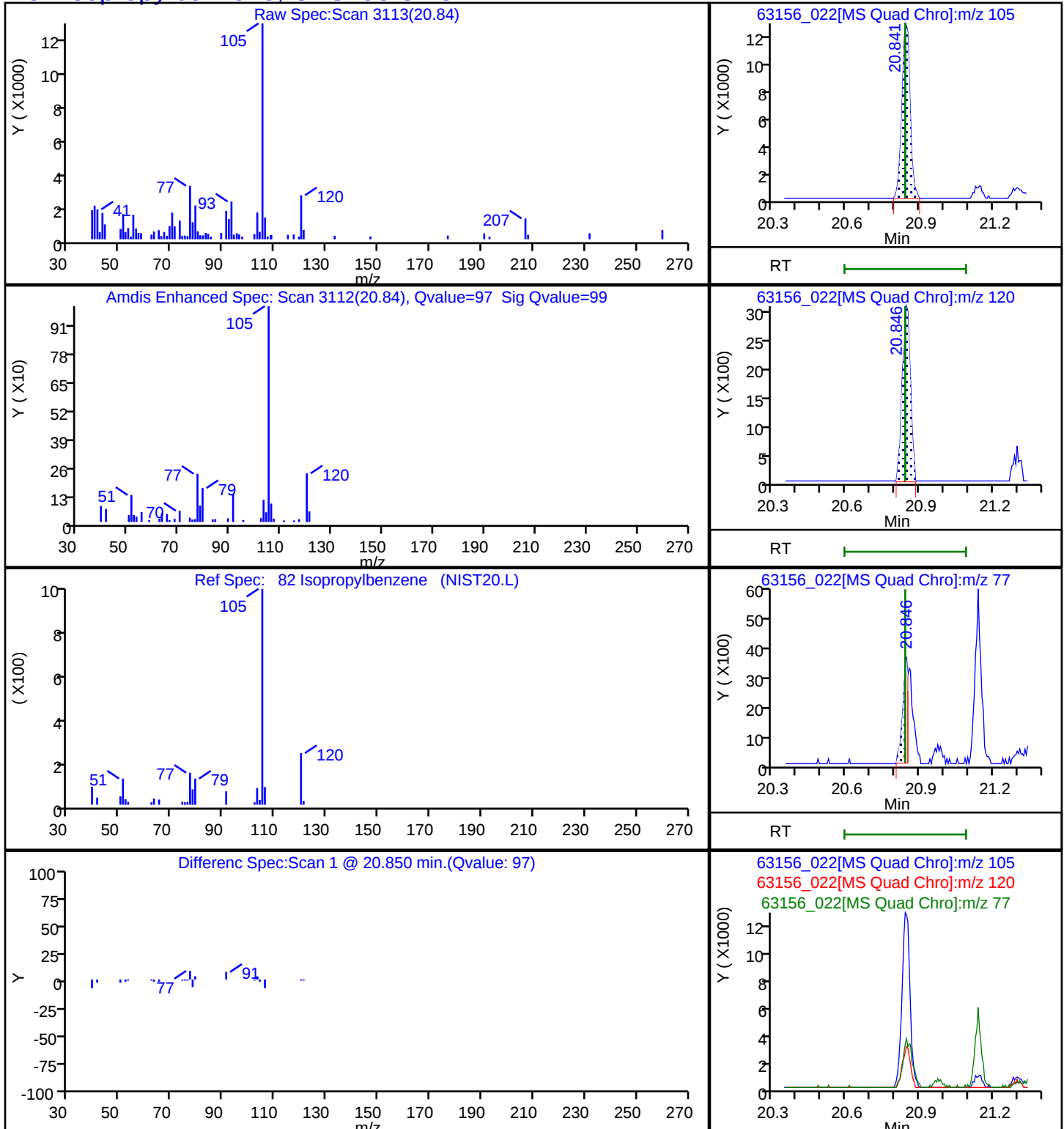
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

82 Isopropylbenzene, CAS: 98-82-8

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#: 22

Worklist Smp#: 22

Purge Vol: 200.000 mL

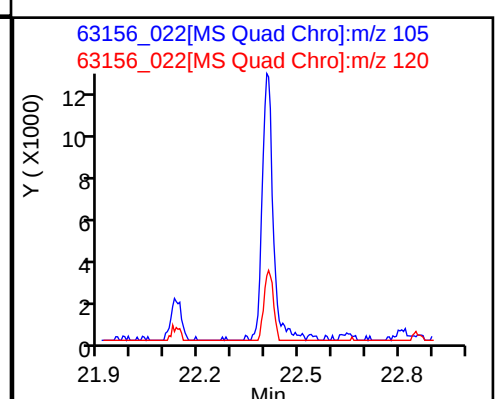
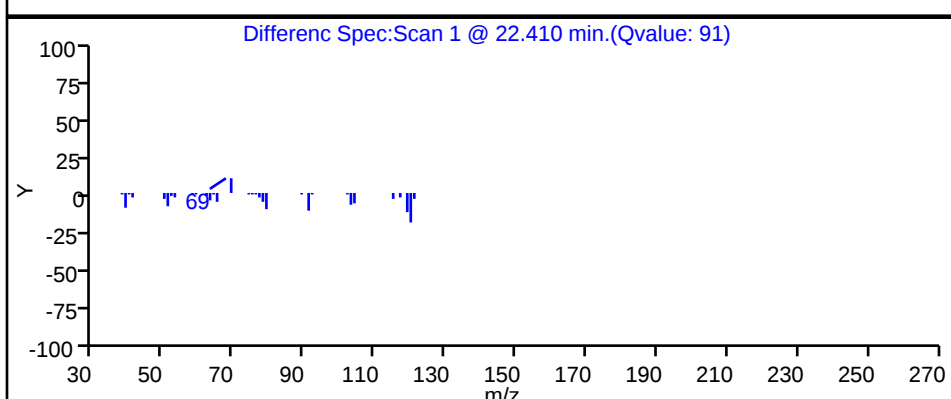
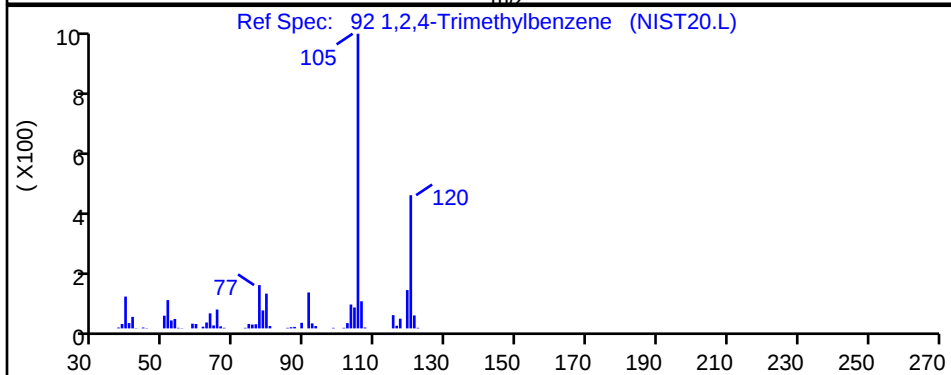
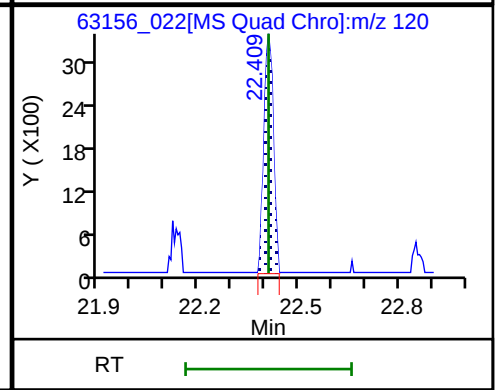
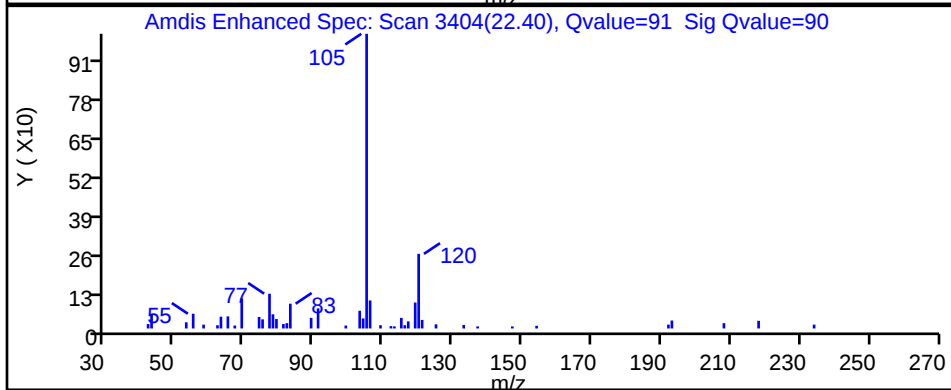
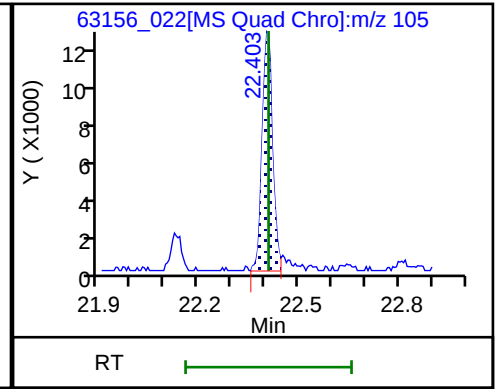
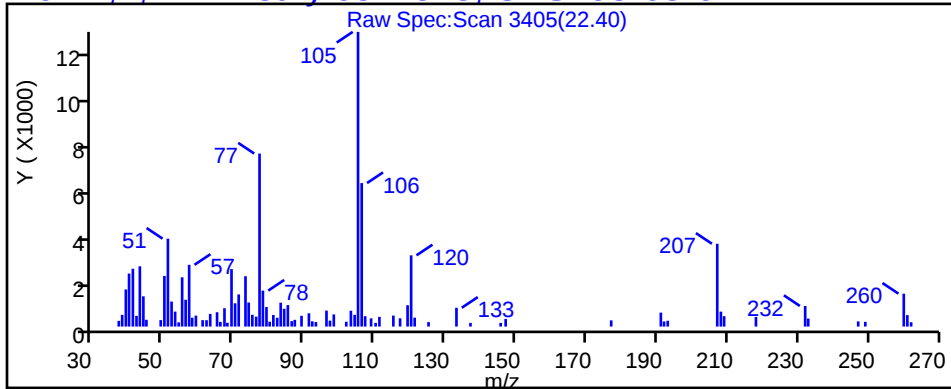
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

92 1,2,4-Trimethylbenzene, CAS: 95-63-6

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#:

22

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

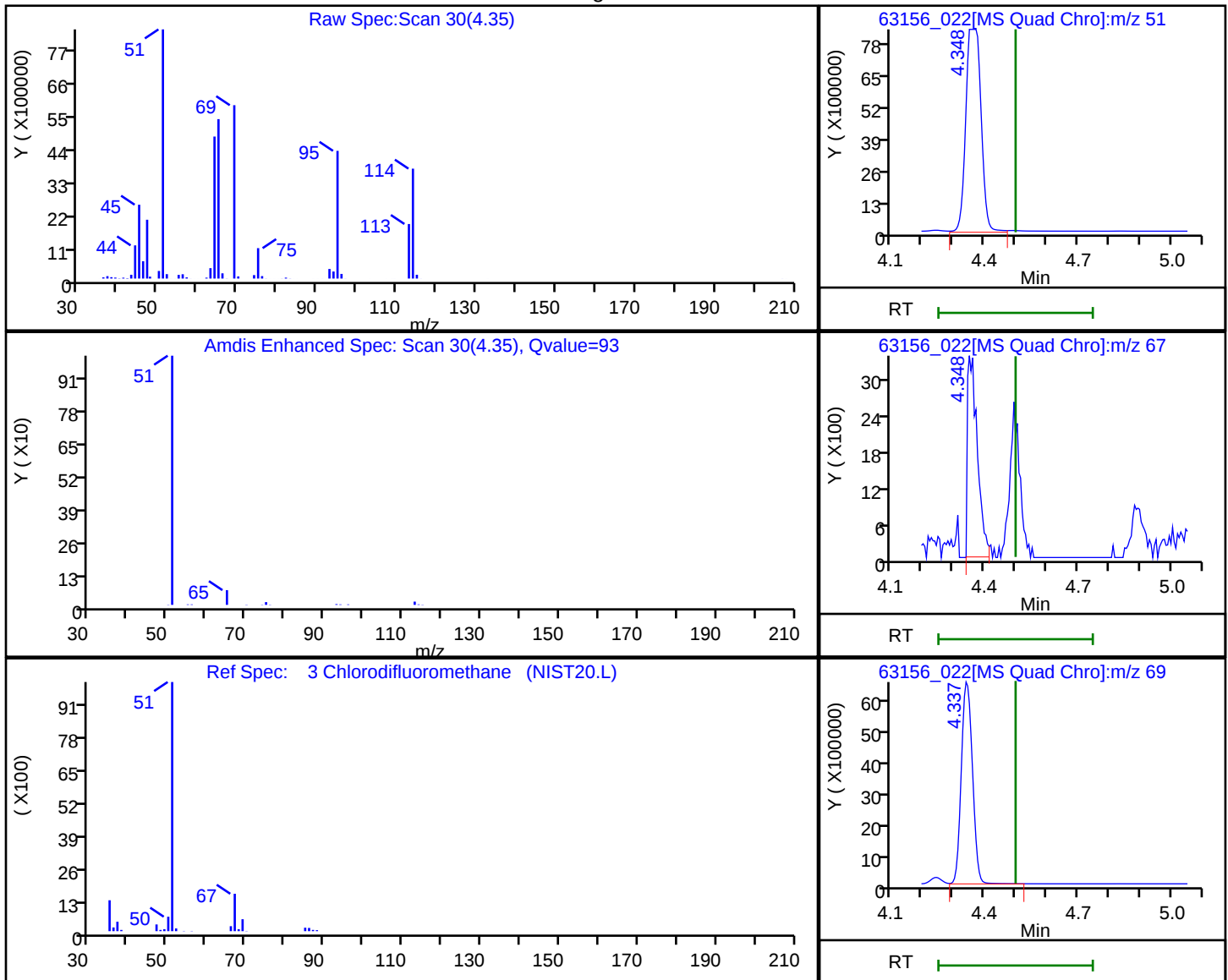
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

3 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
4.35	51.00	28662597	273.6258
4.35	67.00	7465	
4.34	69.00	16411569	

Reviewer: YWL8, 28-Nov-2024 15:06:33 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

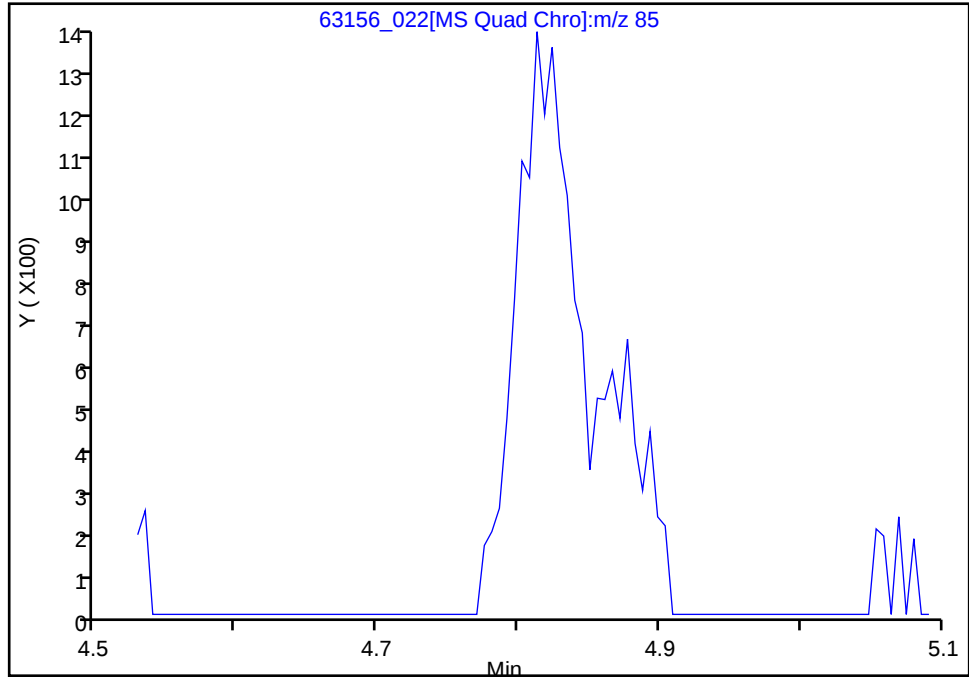
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D				
Injection Date:	28-Nov-2024 01:11:46	Instrument ID:	CHAN.i		
Lims ID:	200-76025-A-4	Lab Sample ID:	200-76025-4		
Client ID:	SVE-X_20241126				
Operator ID:	wrd	ALS Bottle#:	22	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN		

4 1,2-Dichloro-1,1,2,2-tetrafluoro, CAS: 76-14-2

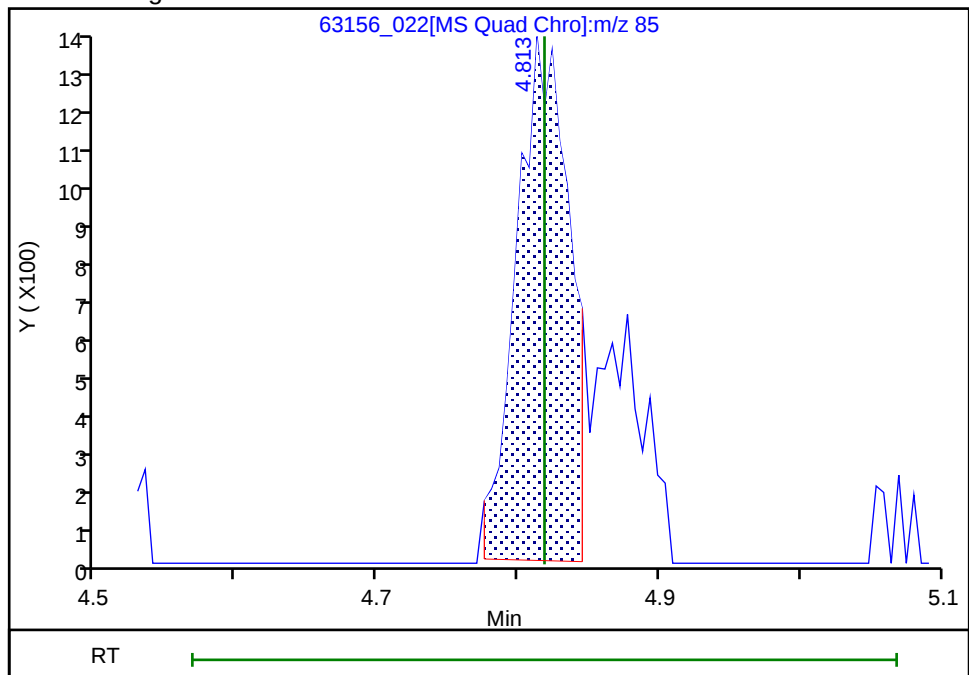
Signal: 1

Not Detected
Expected RT: 4.82

Processing Integration Results



Manual Integration Results



Reviewer: YWL8, 28-Nov-2024 15:06:39 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

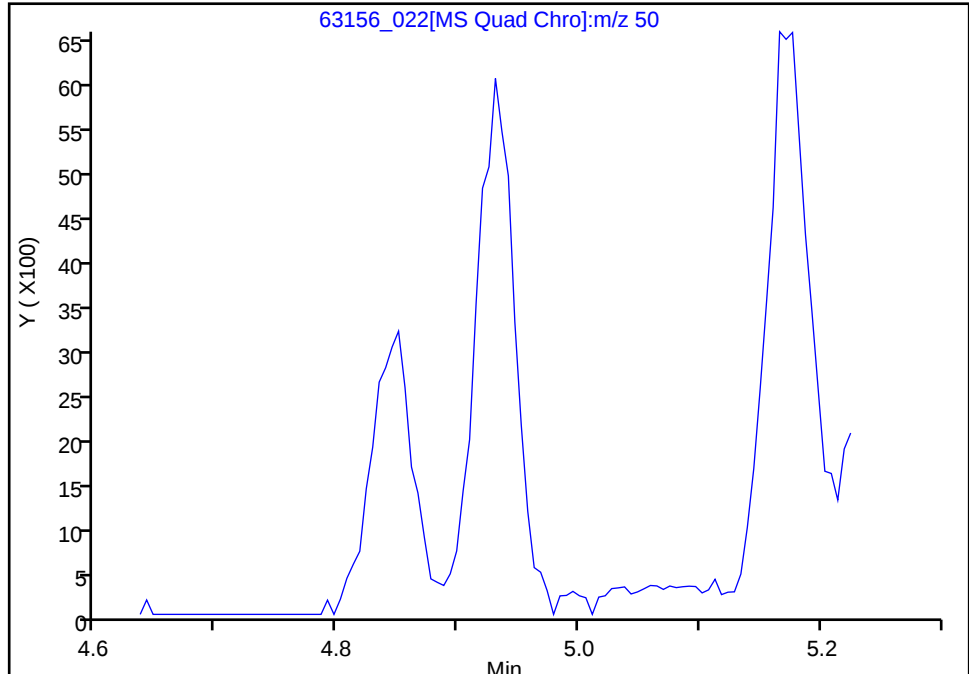
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D				
Injection Date:	28-Nov-2024 01:11:46	Instrument ID:	CHAN.i		
Lims ID:	200-76025-A-4	Lab Sample ID:	200-76025-4		
Client ID:	SVE-X_20241126				
Operator ID:	wrd	ALS Bottle#:	22	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN		

5 Chloromethane, CAS: 74-87-3

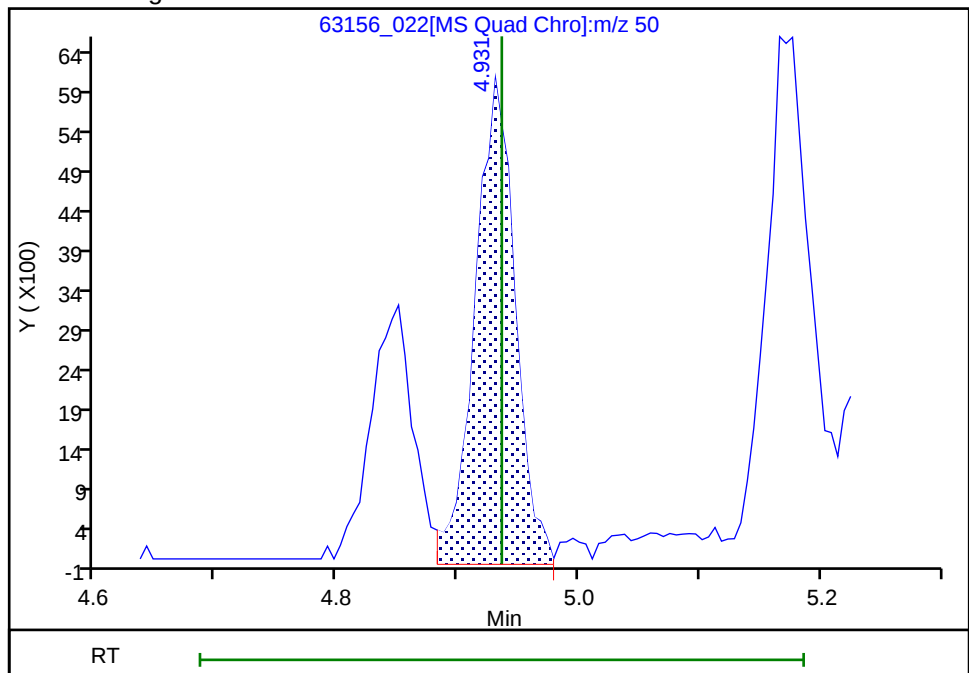
Signal: 1

Not Detected
Expected RT: 4.94

Processing Integration Results



Manual Integration Results



Reviewer: YWL8, 28-Nov-2024 15:06:45 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#:

22

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

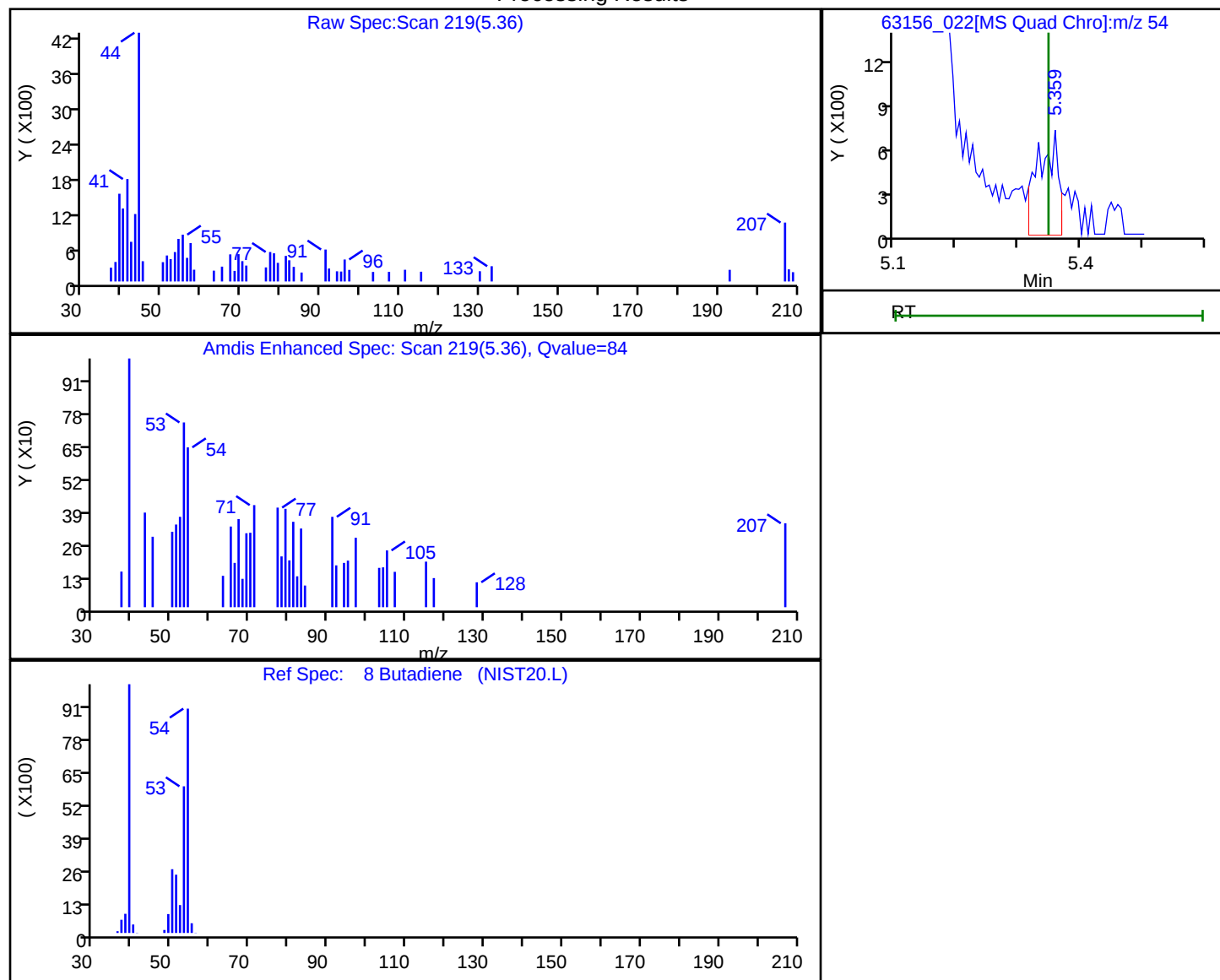
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

8 Butadiene, CAS: 106-99-0

Processing Results



RT	Mass	Response	Amount
5.36	54.00	1631	0.027842

Reviewer: YWL8, 28-Nov-2024 15:06:59 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#:

22

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

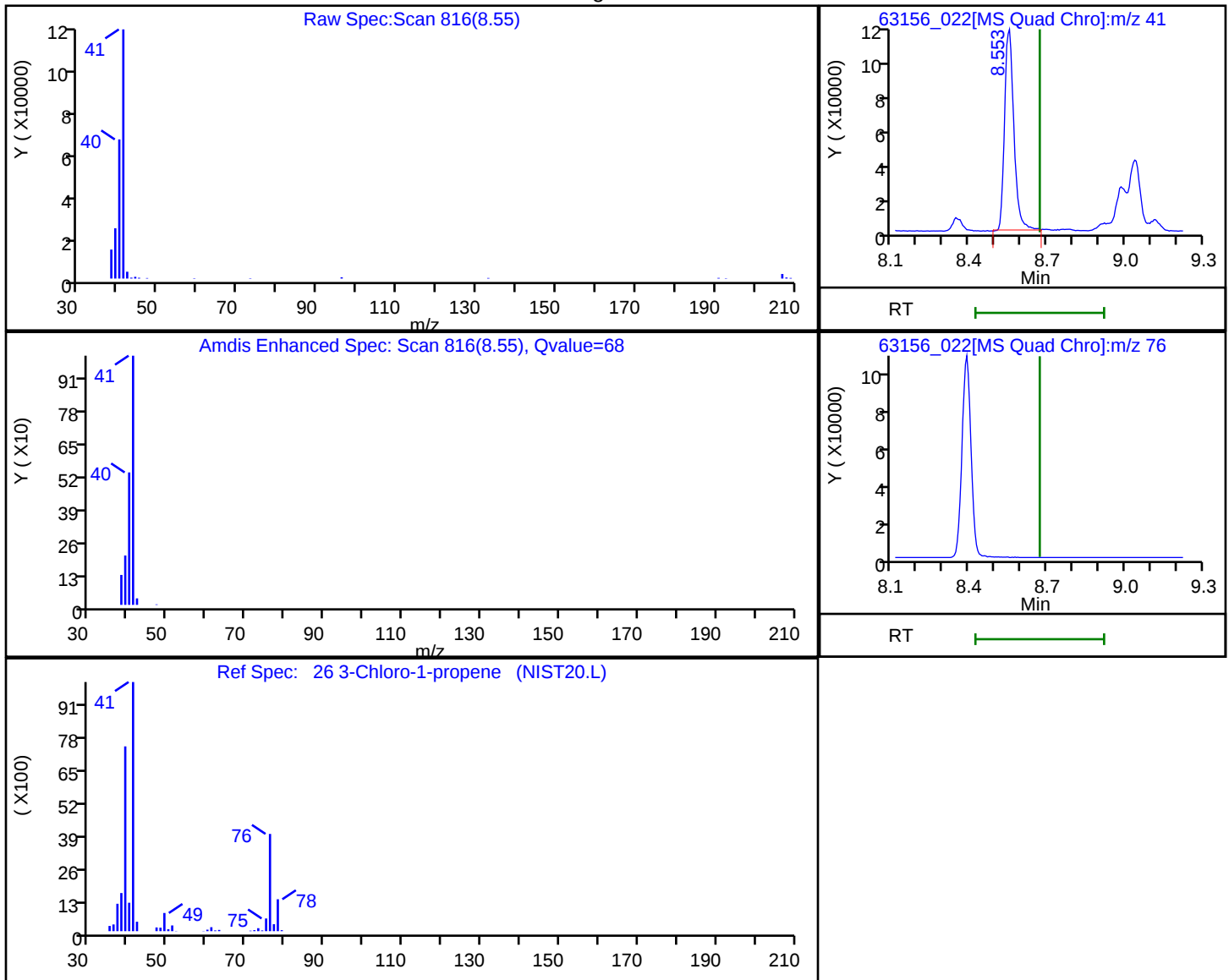
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
8.55	41.00	287577	3.345768
8.67	76.00	0	

Reviewer: YWL8, 28-Nov-2024 15:15:29 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#:

22

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

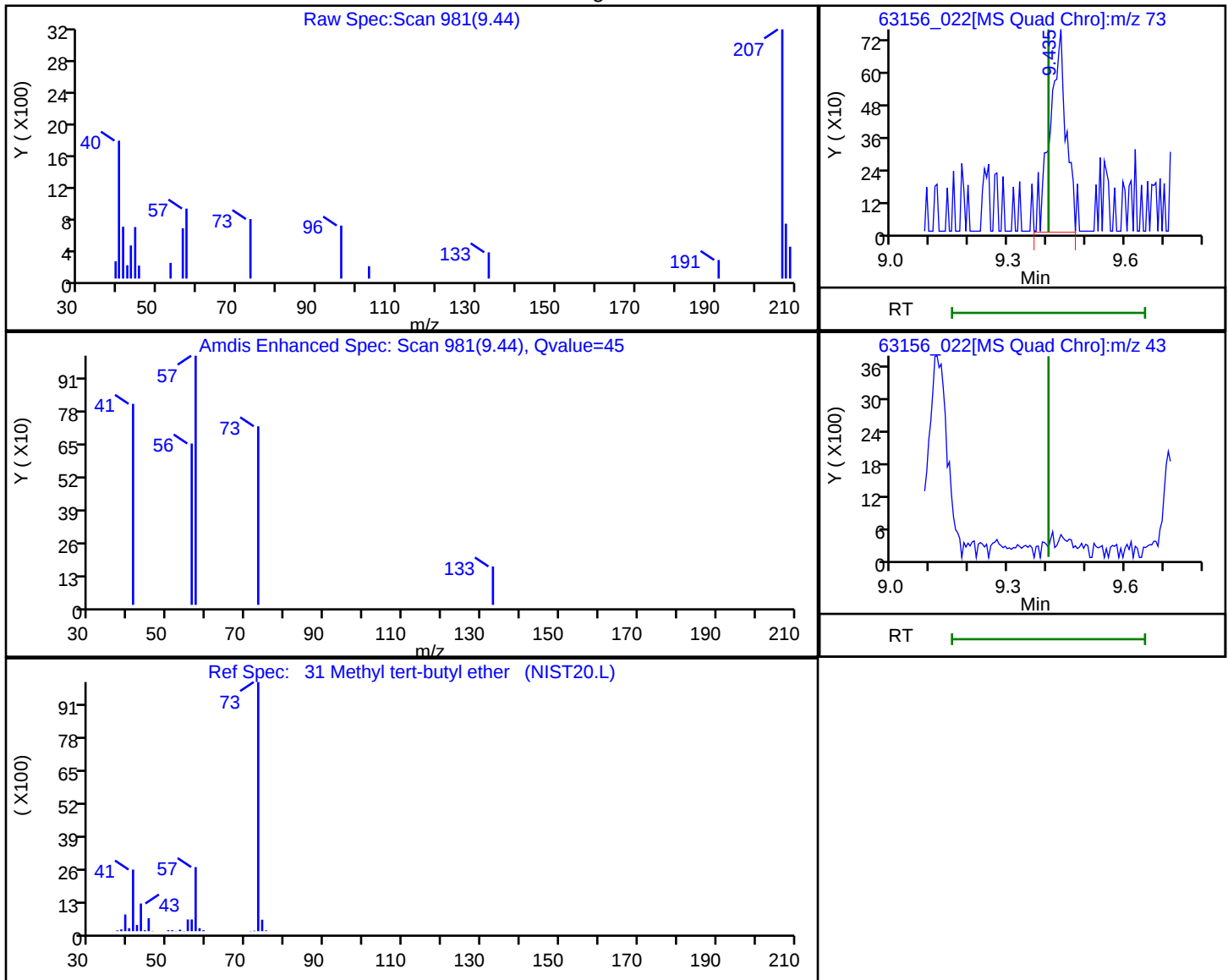
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

31 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
9.44	73.00	2156	0.011678
9.40	43.00	0	

Reviewer: YWL8, 28-Nov-2024 15:15:45 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

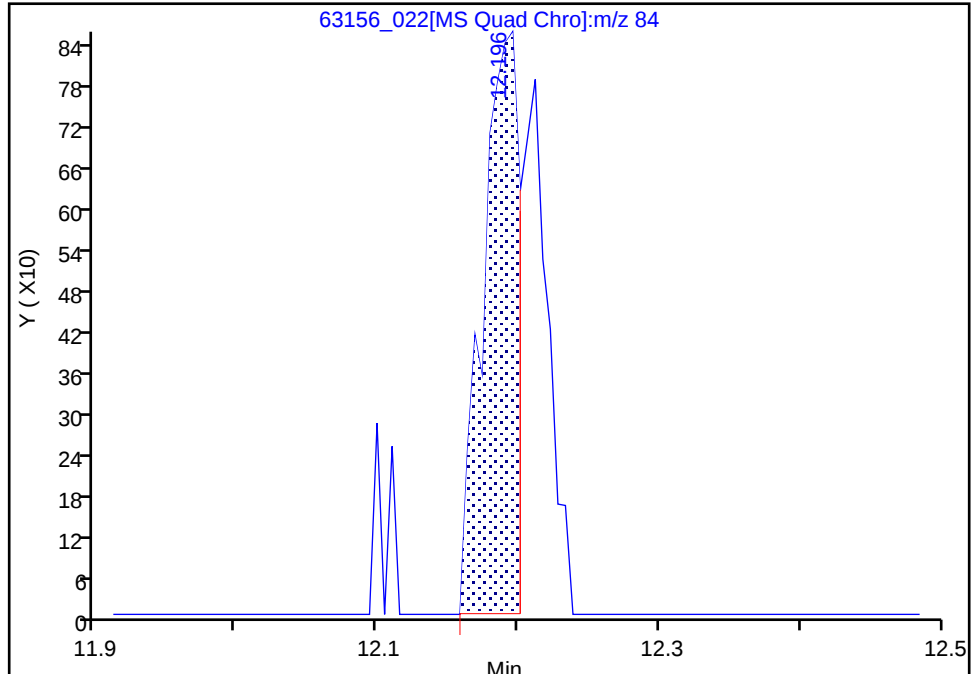
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D				
Injection Date:	28-Nov-2024 01:11:46	Instrument ID:	CHAN.i		
Lims ID:	200-76025-A-4	Lab Sample ID:	200-76025-4		
Client ID:	SVE-X_20241126				
Operator ID:	wrd	ALS Bottle#:	22	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN		

43 Cyclohexane, CAS: 110-82-7

Signal: 1

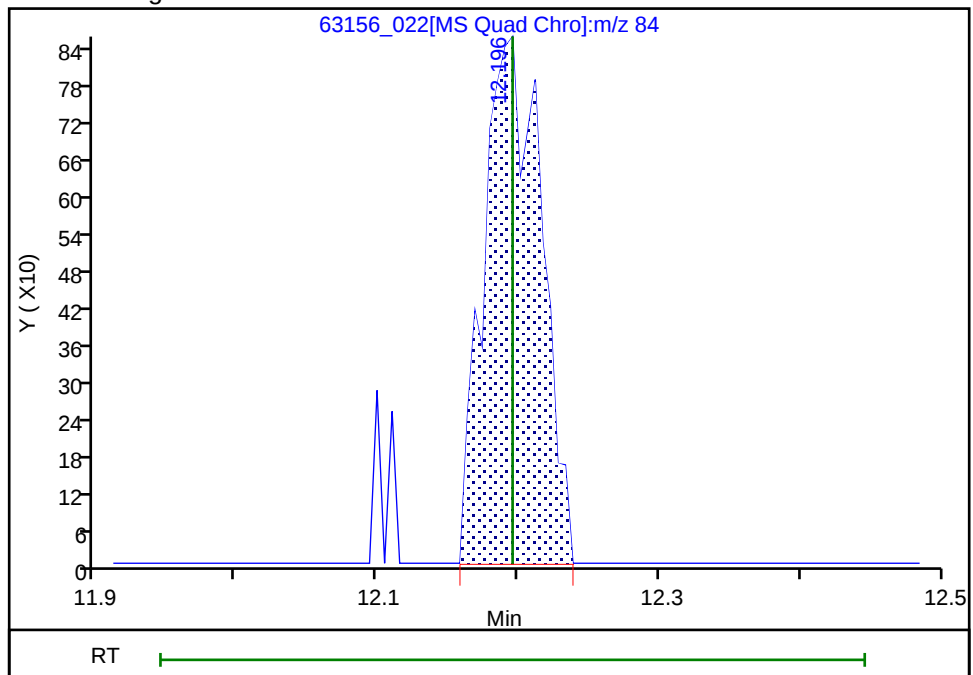
RT: 12.20
Area: 1540
Amount: 0.016004
Amount Units: ppb v/v

Processing Integration Results



RT: 12.20
Area: 2423
Amount: 0.025181
Amount Units: ppb v/v

Manual Integration Results



Reviewer: YWL8, 28-Nov-2024 15:16:13 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#:

22

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

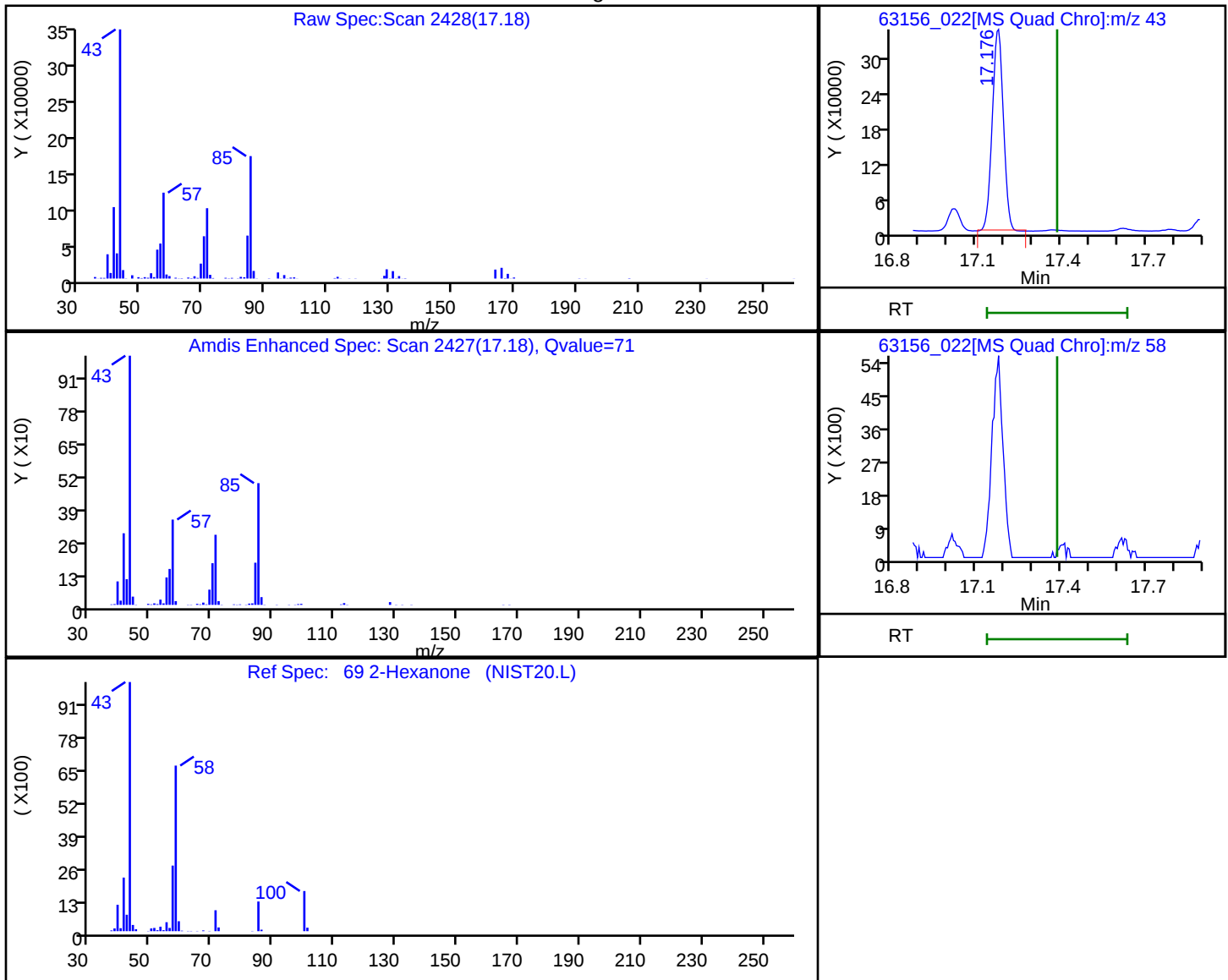
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

69 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
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17.39	58.00	0	

Reviewer: YWL8, 28-Nov-2024 15:16:37 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#:

22

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

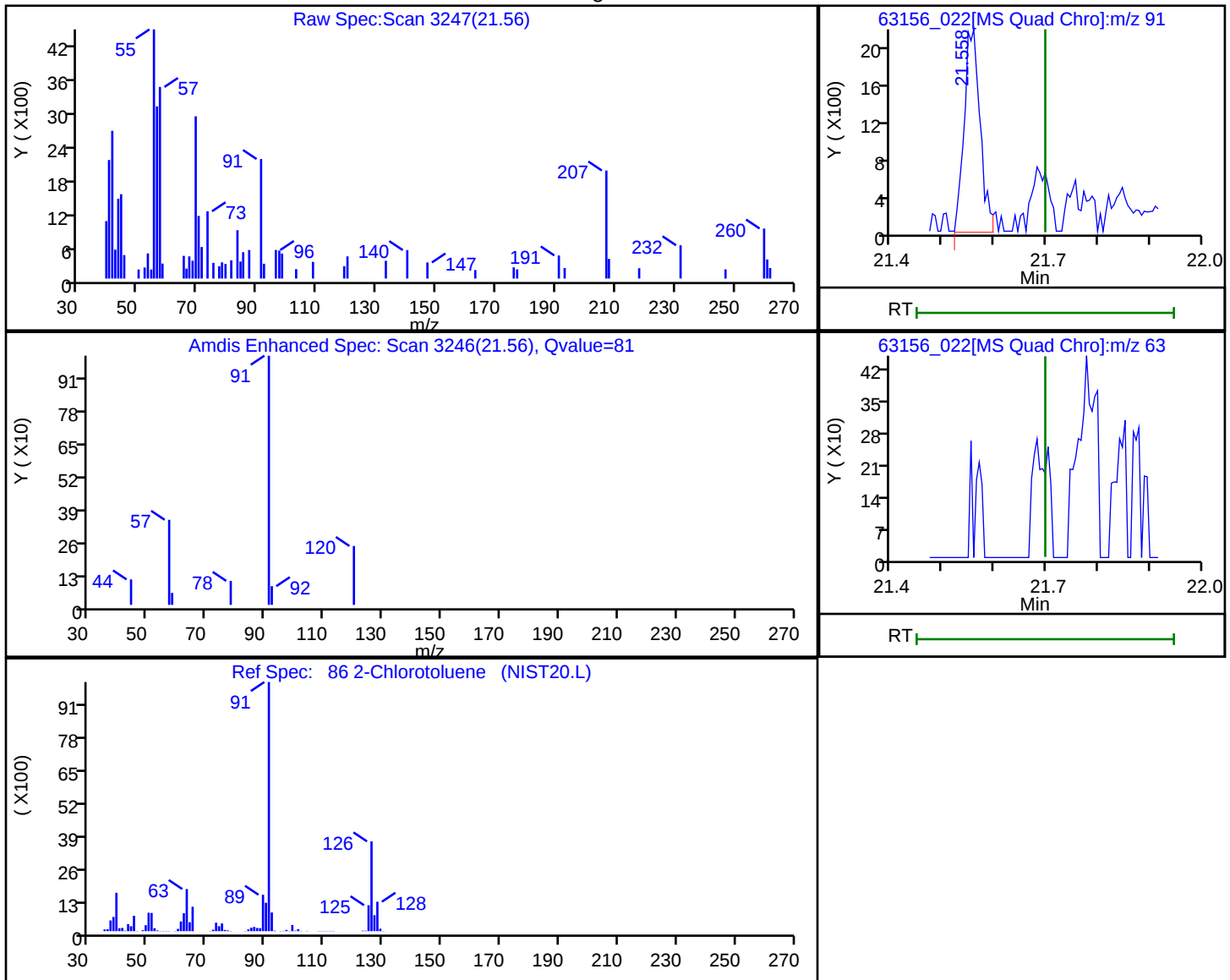
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

86 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
21.56	91.00	4582	0.016011
21.70	63.00	0	

Reviewer: YWL8, 28-Nov-2024 15:16:48 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#:

22

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

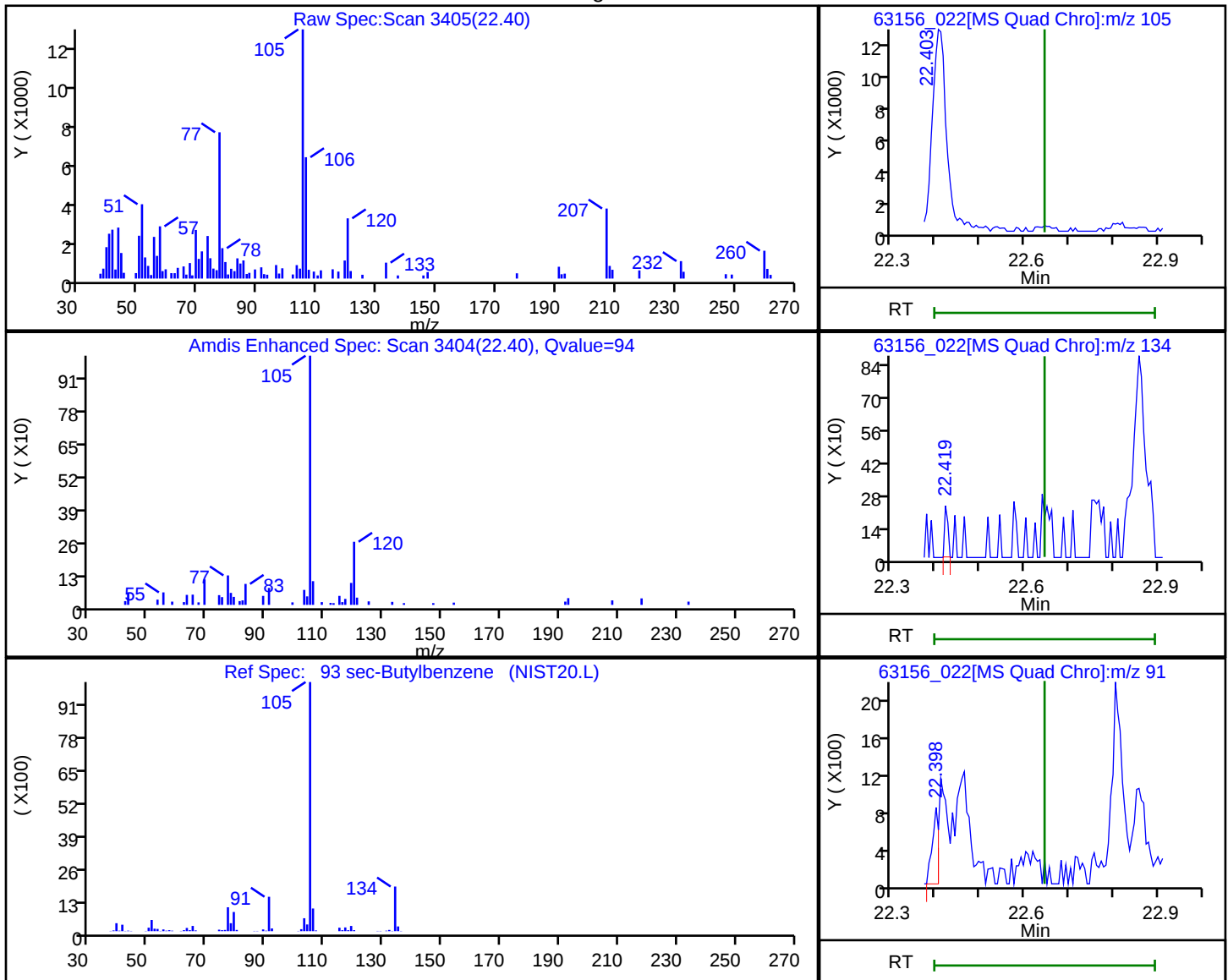
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

93 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
22.40	105.00	27891	0.061287
22.42	134.00	120	
22.40	91.00	806	

Reviewer: YWL8, 28-Nov-2024 15:16:55 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#:

22

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

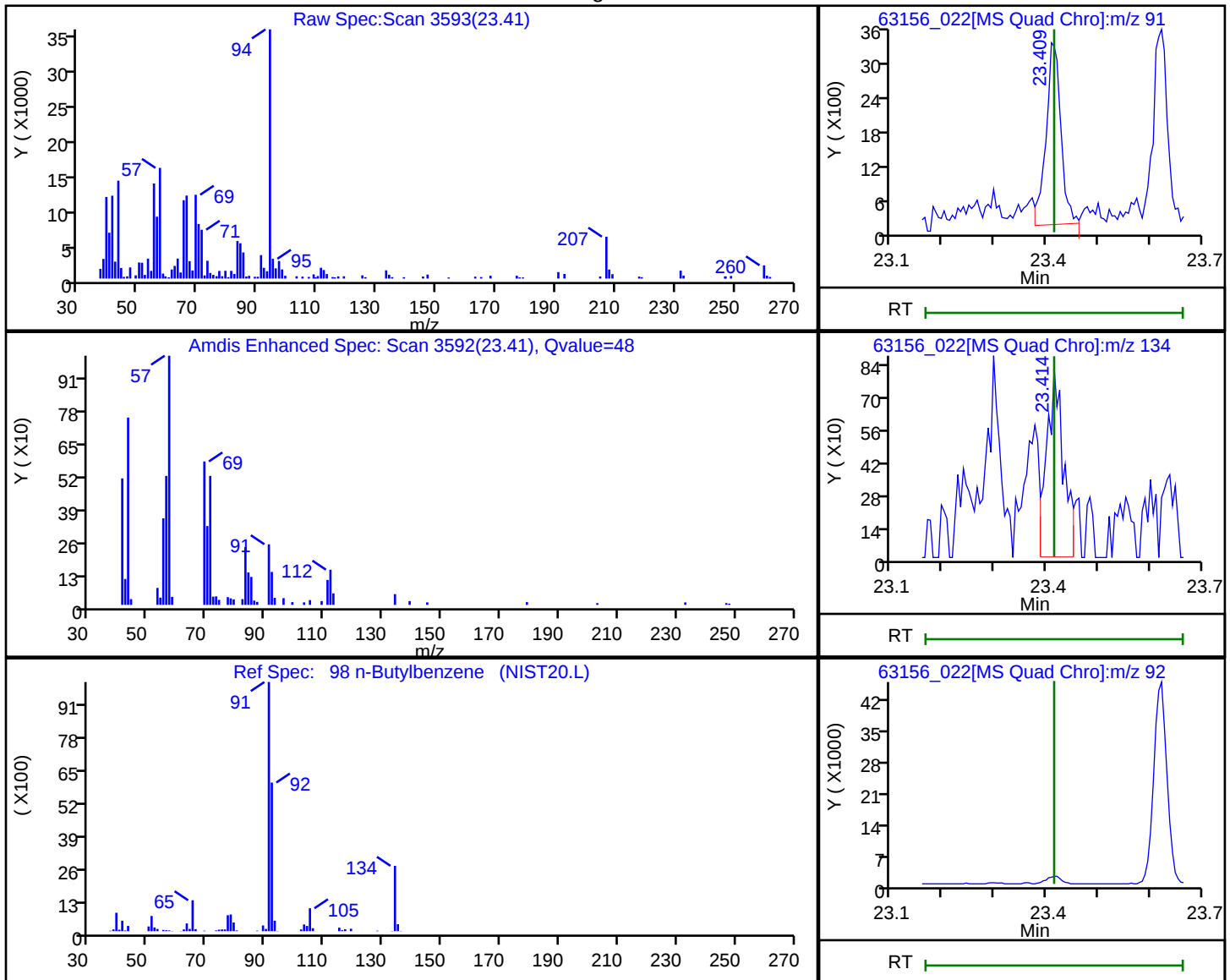
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

98 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
23.41	91.00	6429	0.016686
23.41	134.00	1878	
23.41	92.00	0	

Reviewer: YWL8, 28-Nov-2024 15:17:04 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_022.D

Injection Date: 28-Nov-2024 01:11:46

Instrument ID: CHAN.i

Lims ID: 200-76025-A-4

Lab Sample ID: 200-76025-4

Client ID: SVE-X_20241126

Operator ID: wrd

ALS Bottle#:

22

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

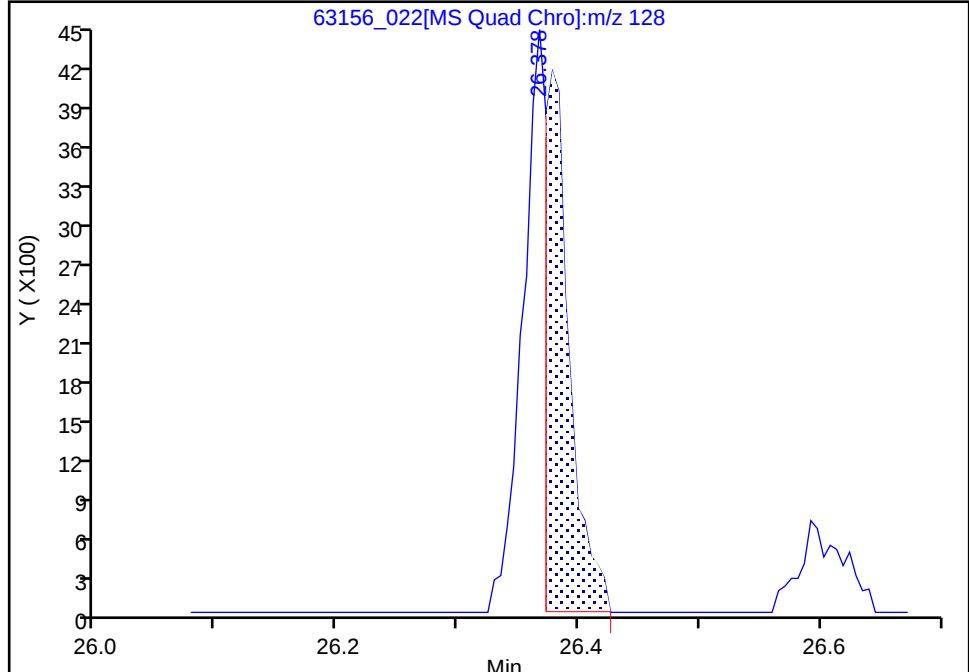
Detector: MS SCAN

104 Naphthalene, CAS: 91-20-3

Signal: 1

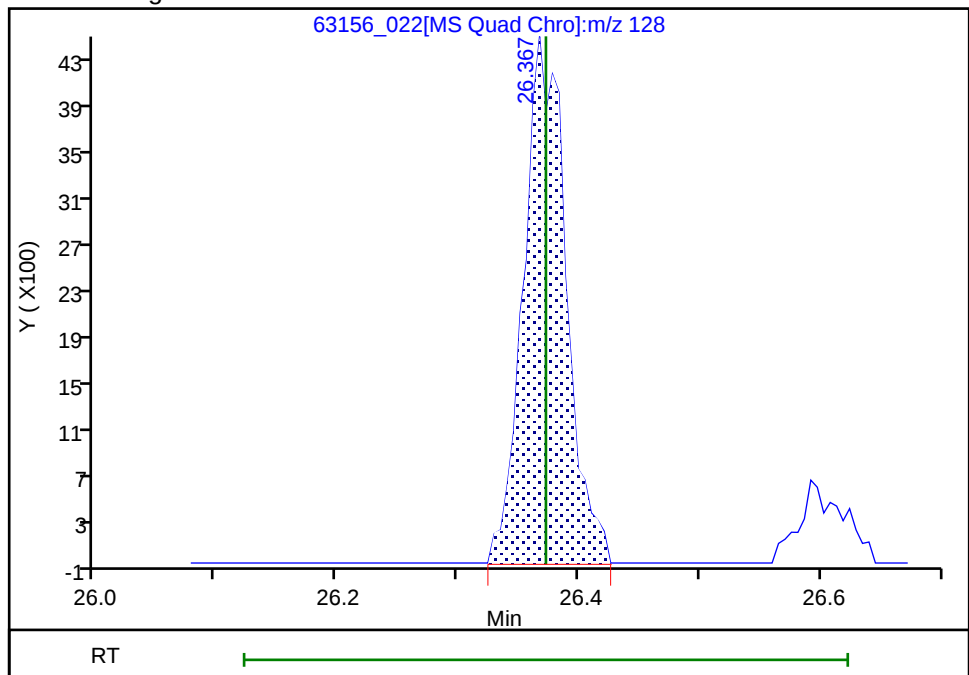
RT: 26.38
Area: 5920
Amount: 0.019564
Amount Units: ppb v/v

Processing Integration Results



RT: 26.37
Area: 10831
Amount: 0.035793
Amount Units: ppb v/v

Manual Integration Results



Reviewer: YWL8, 28-Nov-2024 15:17:13 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-76025-1</u>
SDG No.: _____	
Client Sample ID: <u>TB_20241126</u>	Lab Sample ID: <u>200-76025-5</u>
Matrix: <u>Air</u>	Lab File ID: <u>63156_013.D</u>
Analysis Method: <u>TO-15</u>	Date Collected: <u>11/26/2024 00:00</u>
Sample wt/vol: <u>200 (mL)</u>	Date Analyzed: <u>11/27/2024 17:26</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>211470</u>	Units: <u>ppb v/v</u>
Preparation Batch No.: _____	Instrument ID: <u>CHAN.i</u>

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.11
75-45-6	Freon 22	86.47	0.50	U	0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.15
106-97-8	n-Butane	58.12	0.50	U	0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	3.2	J	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	1.6
75-15-0	Carbon disulfide	76.14	1.0		0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.53		0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.11	J	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	0.40	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-76025-1</u>
SDG No.: _____	
Client Sample ID: <u>TB_20241126</u>	Lab Sample ID: <u>200-76025-5</u>
Matrix: <u>Air</u>	Lab File ID: <u>63156_013.D</u>
Analysis Method: <u>TO-15</u>	Date Collected: <u>11/26/2024 00:00</u>
Sample wt/vol: <u>200 (mL)</u>	Date Analyzed: <u>11/27/2024 17:26</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>211470</u>	Units: <u>ppb v/v</u>
Preparation Batch No.: _____	Instrument ID: <u>CHAN.i</u>

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.20	U	0.20	0.044
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.082	J	0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.082
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	1.4		0.50	0.13
108-88-3	Toluene	92.14	1.4		0.20	0.062
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.069
179601-23-1	m,p-Xylene	106.17	0.11	J	0.50	0.095
95-47-6	o-Xylene	106.17	0.063	J	0.20	0.063
1330-20-7	Xylene (total)	106.17	0.17	J	0.70	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: TB_20241126 Lab Sample ID: 200-76025-5
 Matrix: Air Lab File ID: 63156_013.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 00:00
 Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 17:26
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061
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
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Client Sample ID: TB_20241126 Lab Sample ID: 200-76025-5

Matrix: Air Lab File ID: 63156_013.D

Analysis Method: TO-15 Date Collected: 11/26/2024 00:00

Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 17:26

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 211470 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.54
75-45-6	Freon 22	86.47	1.8	U	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.31
106-97-8	n-Butane	58.12	1.2	U	1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	7.7	J	12	3.8
67-63-0	Isopropyl alcohol	60.10	12	U	12	3.9
75-15-0	Carbon disulfide	76.14	3.2		1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.8		1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.38	J	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	1.6	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-76025-1</u>
SDG No.: _____	
Client Sample ID: <u>TB_20241126</u>	Lab Sample ID: <u>200-76025-5</u>
Matrix: <u>Air</u>	Lab File ID: <u>63156_013.D</u>
Analysis Method: <u>TO-15</u>	Date Collected: <u>11/26/2024 00:00</u>
Sample wt/vol: <u>200 (mL)</u>	Date Analyzed: <u>11/27/2024 17:26</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>211470</u>	Units: <u>ug/m3</u>
Preparation Batch No.: _____	Instrument ID: <u>CHAN.i</u>

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	0.64	U	0.64	0.14
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.34	J	0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	0.30
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	5.6		2.0	0.53
108-88-3	Toluene	92.14	5.2		0.75	0.23
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.30
179601-23-1	m,p-Xylene	106.17	0.50	J	2.2	0.41
95-47-6	o-Xylene	106.17	0.27	J	0.87	0.27
1330-20-7	Xylene (total)	106.17	0.75	J	3.0	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: TB_20241126 Lab Sample ID: 200-76025-5
 Matrix: Air Lab File ID: 63156_013.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 00:00
 Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 17:26
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ug/m3
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_013.D
 Lims ID: 200-76025-A-5
 Client ID: TB_20241126
 Sample Type: Client
 Inject. Date: 27-Nov-2024 17:26:34 ALS Bottle#: 13 Worklist Smp#: 13
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0063156-013
 Operator ID: wrd Instrument ID: CHAN.i
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 28-Nov-2024 07:32:24 Calib Date: 17-Nov-2024 22:53:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: YWL8

Date: 28-Nov-2024 07:32:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85		4.455				ND	7
3 Chlorodifluoromethane	51	4.502	4.492	0.005	97	6421	0.0593	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.818				ND	7
5 Chloromethane	50	4.941	4.936	0.005	58	3153	0.0466	
6 Vinyl chloride	62		5.230				ND	
7 Butane	43	5.230	5.230	-0.006	88	9133	0.0916	
8 Butadiene	54		5.348				ND	MU
9 Bromomethane	94		6.070				ND	
10 Chloroethane	64		6.343				ND	
13 Vinyl bromide	106		6.760				ND	
14 Trichlorofluoromethane	101		6.926				ND	7
20 1,1-Dichloroethene	96		7.980				ND	MU
21 1,1,2-Trichloro-1,2,2-trifluoro	101		8.023				ND	7
22 Acetone	43	8.065	8.044	0.021	98	301700	3.24	
23 Isopropyl alcohol	45	8.354	8.333	0.021	100	131157	1.26	
24 Carbon disulfide	76	8.386	8.381	-0.001	100	214265	1.03	
26 3-Chloro-1-propene	41		8.670				ND	MU
27 Methylene Chloride	49	8.895	8.895	0.000	97	41370	0.5323	
28 2-Methyl-2-propanol	59	9.125	9.102	0.027	100	52862	0.3896	
30 trans-1,2-Dichloroethene	61		9.398				ND	
31 Methyl tert-butyl ether	73		9.403				ND	7
32 Hexane	57	9.916	9.917	-0.001	94	12229	0.1082	
33 1,1-Dichloroethane	63		10.157				ND	
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
36 2-Butanone (MEK)	72	11.142	11.120	0.027	100	6587	0.1752	
37 cis-1,2-Dichloroethene	96		11.153				ND	7
* 39 Chlorobromomethane	128	11.559	11.554	0.005	98	491017	10.0	
40 Tetrahydrofuran	42		11.602				ND	7
41 Chloroform	83		11.736				ND	
42 1,1,1-Trichloroethane	97		12.046				ND	7
43 Cyclohexane	84	12.190	12.190	-0.006	9	628	0.006326	
44 Carbon tetrachloride	117		12.329				ND	7

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Benzene	78	12.672	12.672	0.000	98	5935	0.0255	
46 1,2-Dichloroethane	62		12.736				ND	
47 Isooctane	57		12.897				ND	
48 n-Heptane	43	13.207	13.207	0.000	94	10724	0.0820	
* 49 1,4-Difluorobenzene	114	13.399	13.399	0.000	96	2394512	10.0	
51 Trichloroethene	95		13.838				ND	
53 1,2-Dichloropropane	63		14.282				ND	
54 Methyl methacrylate	69		14.373				ND	
55 1,4-Dioxane	88		14.411				ND	
58 Dichlorobromomethane	83		14.748				ND	
59 cis-1,3-Dichloropropene	75		15.550				ND	
61 4-Methyl-2-pentanone (MIBK)	43	15.823	15.818	0.016	96	223194	1.36	
62 Toluene	92	16.197	16.213	0.000	93	231796	1.39	
66 trans-1,3-Dichloropropene	75		16.599				ND	
67 1,1,2-Trichloroethane	83		16.973				ND	
68 Tetrachloroethene	166		17.192				ND	MU
69 2-Hexanone	43		17.385				ND	MU
70 Chlorodibromomethane	129		17.711				ND	
71 Ethylene Dibromide	107		17.952				ND	
* 73 Chlorobenzene-d5	117	18.867	18.867	0.000	89	2124871	10.0	
74 Chlorobenzene	112		18.926				ND	
75 Ethylbenzene	91	19.123	19.124	-0.001	98	11470	0.0319	
76 m-Xylene & p-Xylene	106	19.375	19.380	-0.005	0	15767	0.1140	
S 80 Xylenes, Total	106				0		0.1770	
78 o-Xylene	106	20.161	20.162	0.005	97	8504	0.0629	
79 Styrene	104	20.188	20.194	0.000	75	3059	0.0136	
81 Bromoform	173		20.525				ND	
82 Isopropylbenzene	105		20.841				ND	7
83 1,1,2,2-Tetrachloroethane	83		21.344				ND	7
85 N-Propylbenzene	91		21.552				ND	7
86 2-Chlorotoluene	91		21.697				ND	7
87 4-Ethyltoluene	105		21.750				ND	7
88 1,3,5-Trimethylbenzene	105		21.841				ND	7
91 tert-Butylbenzene	119		22.323				ND	7
92 1,2,4-Trimethylbenzene	105	22.403	22.408	-0.005	81	17789	0.0562	
93 sec-Butylbenzene	105		22.644				ND	
94 1,3-Dichlorobenzene	146		22.815				ND	7
95 4-Isopropyltoluene	119		22.858				ND	7
96 1,4-Dichlorobenzene	146		22.954				ND	7
97 Benzyl chloride	91		23.099				ND	7
98 n-Butylbenzene	91		23.414				ND	7
99 1,2-Dichlorobenzene	146		23.446				ND	7
102 1,2,4-Trichlorobenzene	180		25.891				ND	7
103 Hexachlorobutadiene	225		26.148				ND	
104 Naphthalene	128	26.372	26.373	-0.001	36	4704	0.0152	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_013.D

Injection Date: 27-Nov-2024 17:26:34

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: 200-76025-A-5

Lab Sample ID: 200-76025-5

Worklist Smp#: 13

Client ID: TB_20241126

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

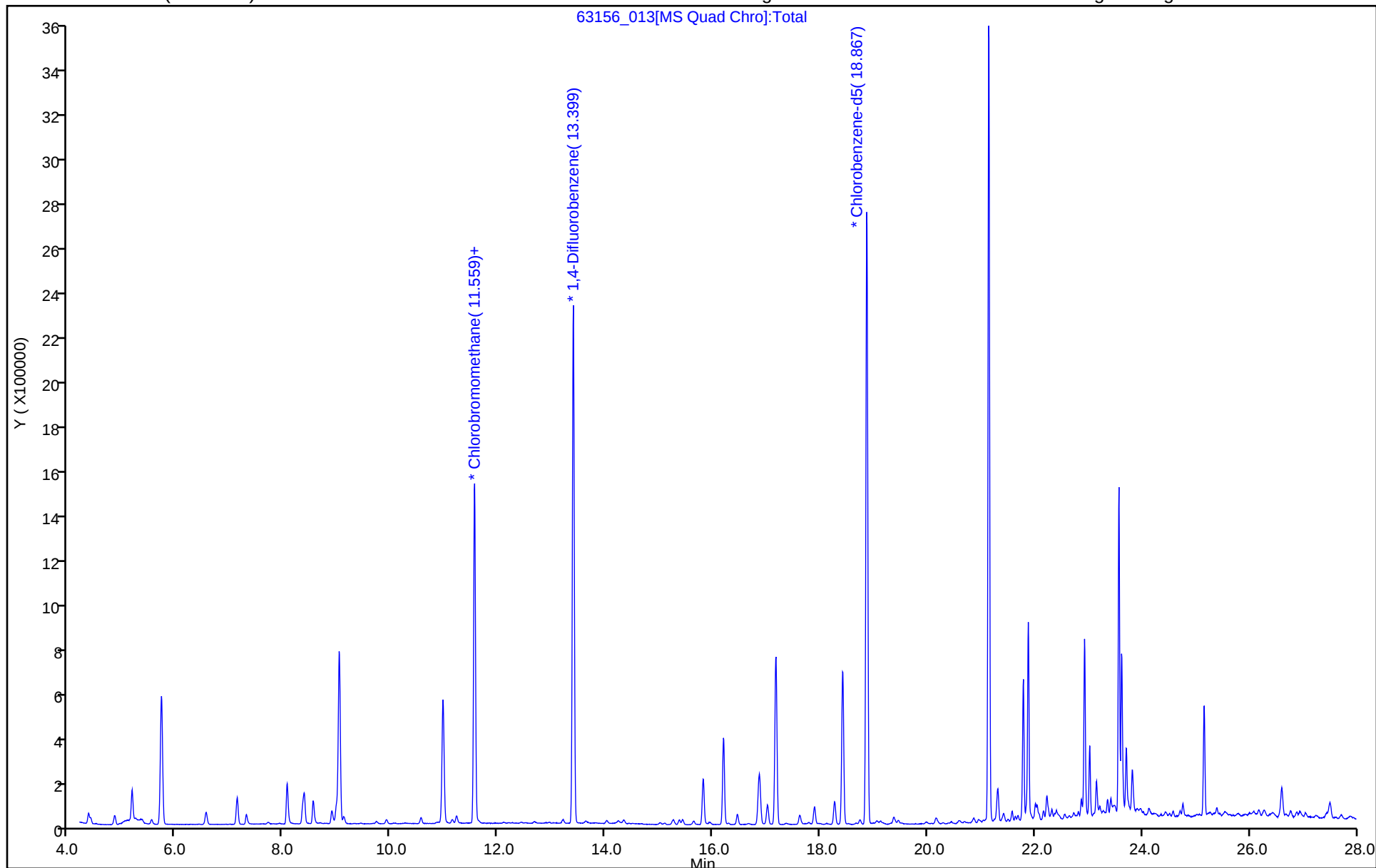
ALS Bottle#: 13

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_013.D

Injection Date: 27-Nov-2024 17:26:34

Instrument ID: CHAN.i

Lims ID: 200-76025-A-5

Lab Sample ID: 200-76025-5

Client ID: TB_20241126

Operator ID: wrd

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 200.000 mL

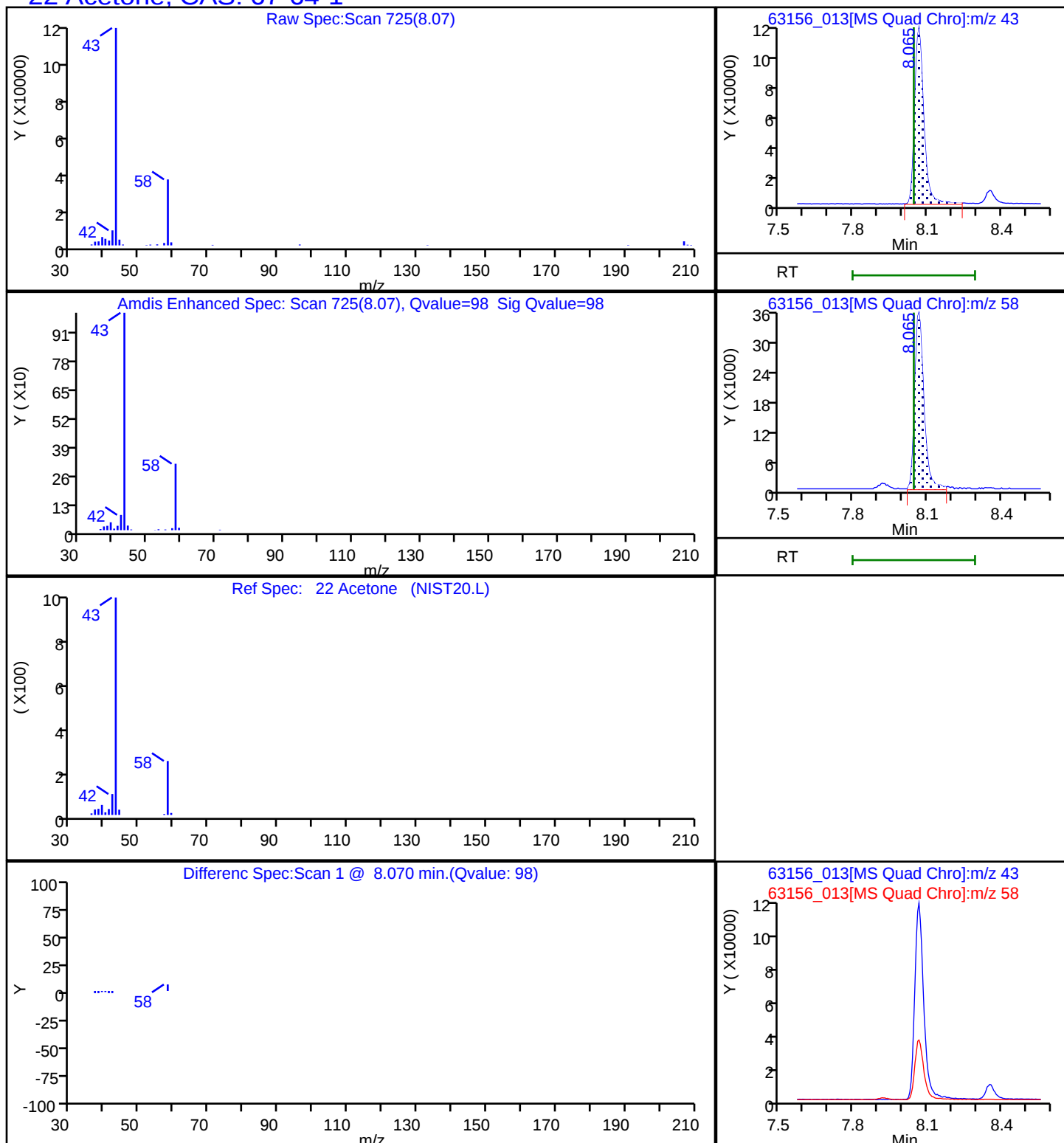
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

22 Acetone, CAS: 67-64-1

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_013.D

Injection Date: 27-Nov-2024 17:26:34

Instrument ID: CHAN.i

Lims ID: 200-76025-A-5

Lab Sample ID: 200-76025-5

Client ID: TB_20241126

Operator ID: wrd

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 200.000 mL

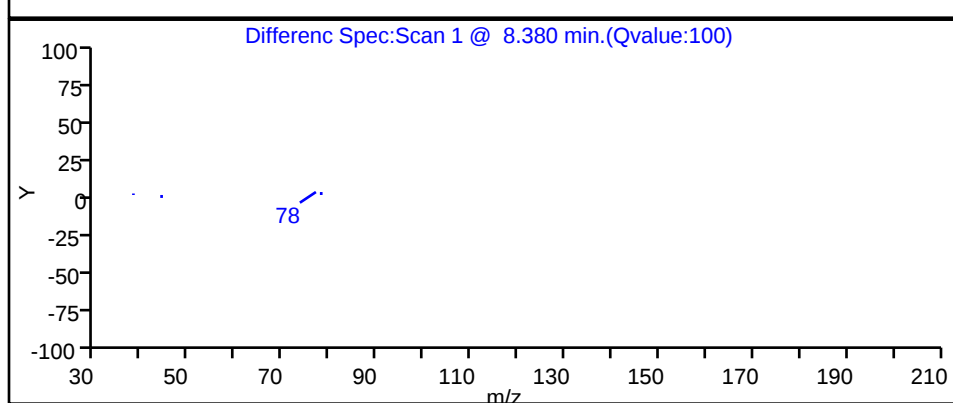
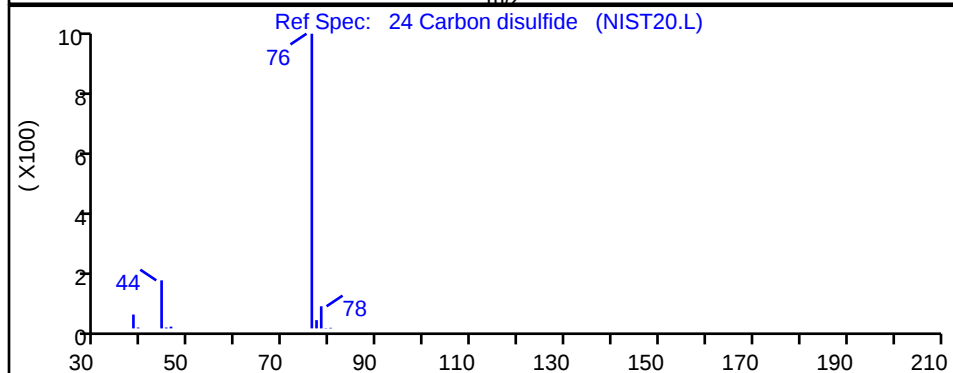
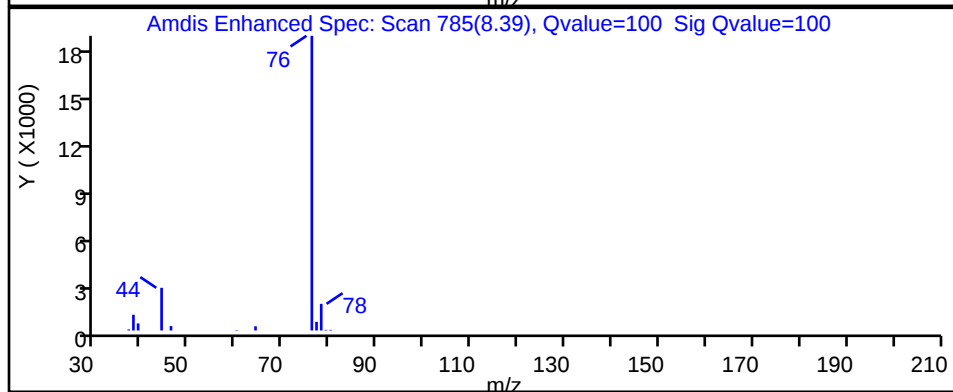
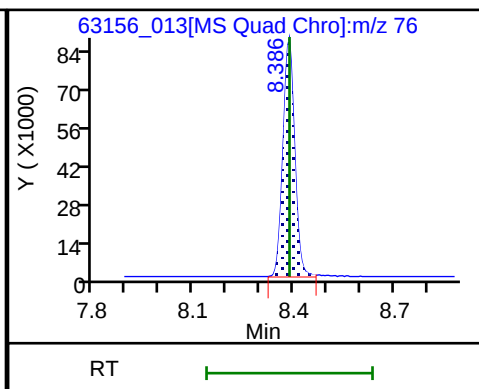
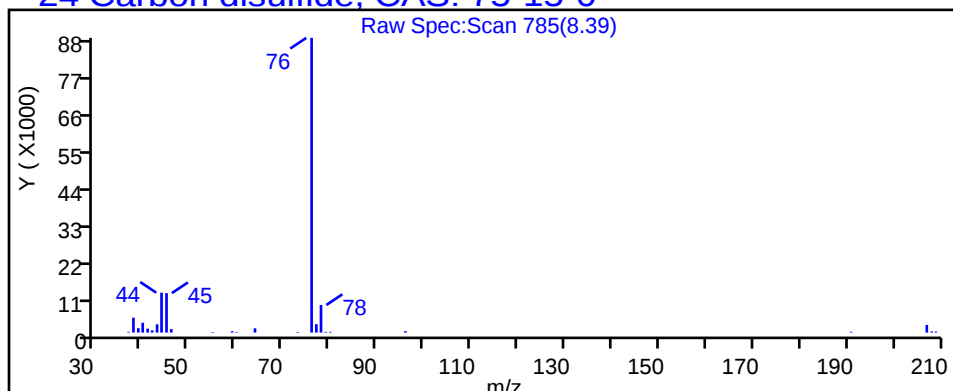
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

24 Carbon disulfide, CAS: 75-15-0

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_013.D

Injection Date: 27-Nov-2024 17:26:34

Instrument ID: CHAN.i

Lims ID: 200-76025-A-5

Lab Sample ID: 200-76025-5

Client ID: TB_20241126

Operator ID: wrd

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 200.000 mL

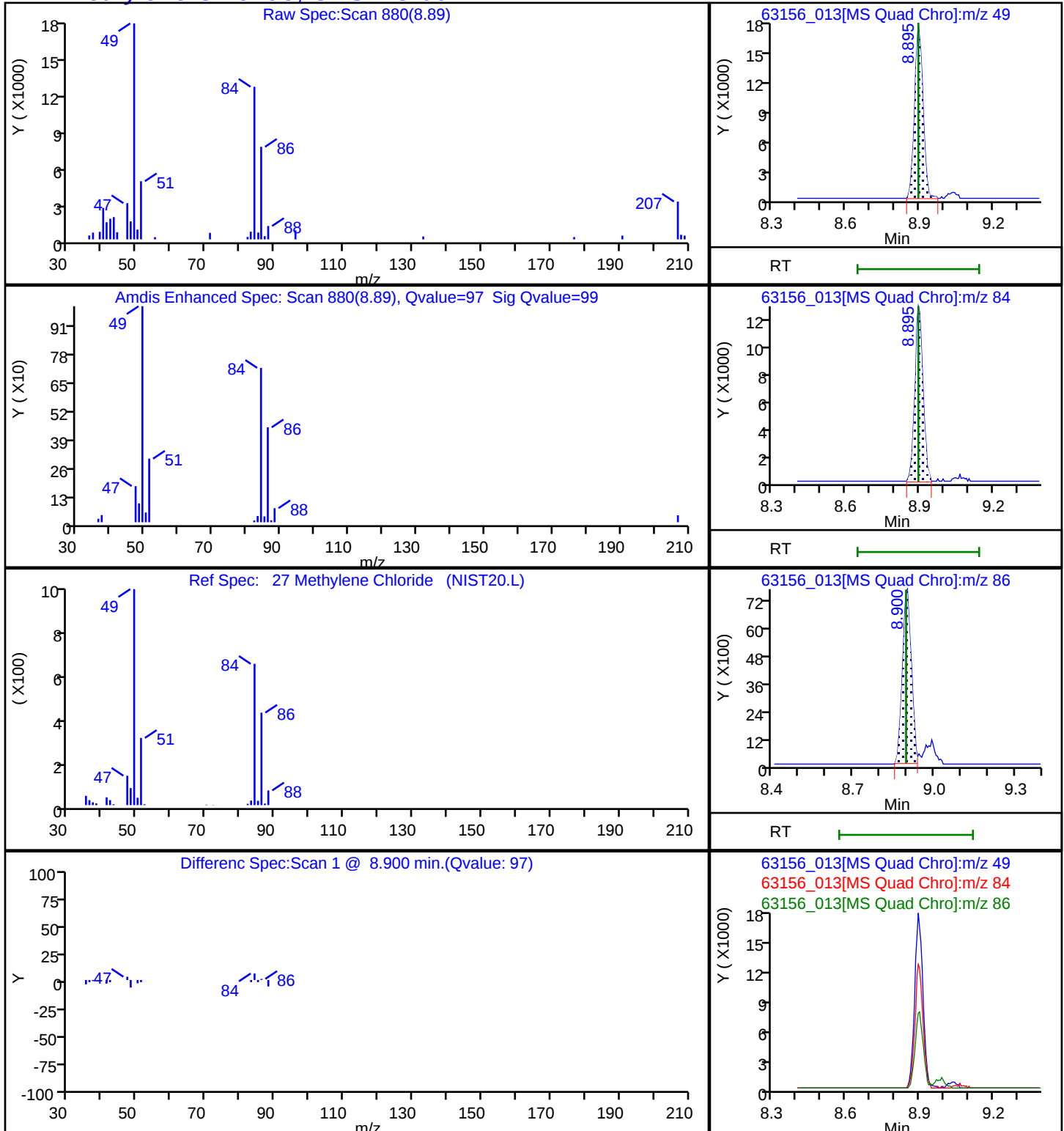
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Methylene Chloride, CAS: 75-09-2

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_013.D

Injection Date: 27-Nov-2024 17:26:34

Instrument ID: CHAN.i

Lims ID: 200-76025-A-5

Lab Sample ID: 200-76025-5

Client ID: TB_20241126

Operator ID: wrd

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 200.000 mL

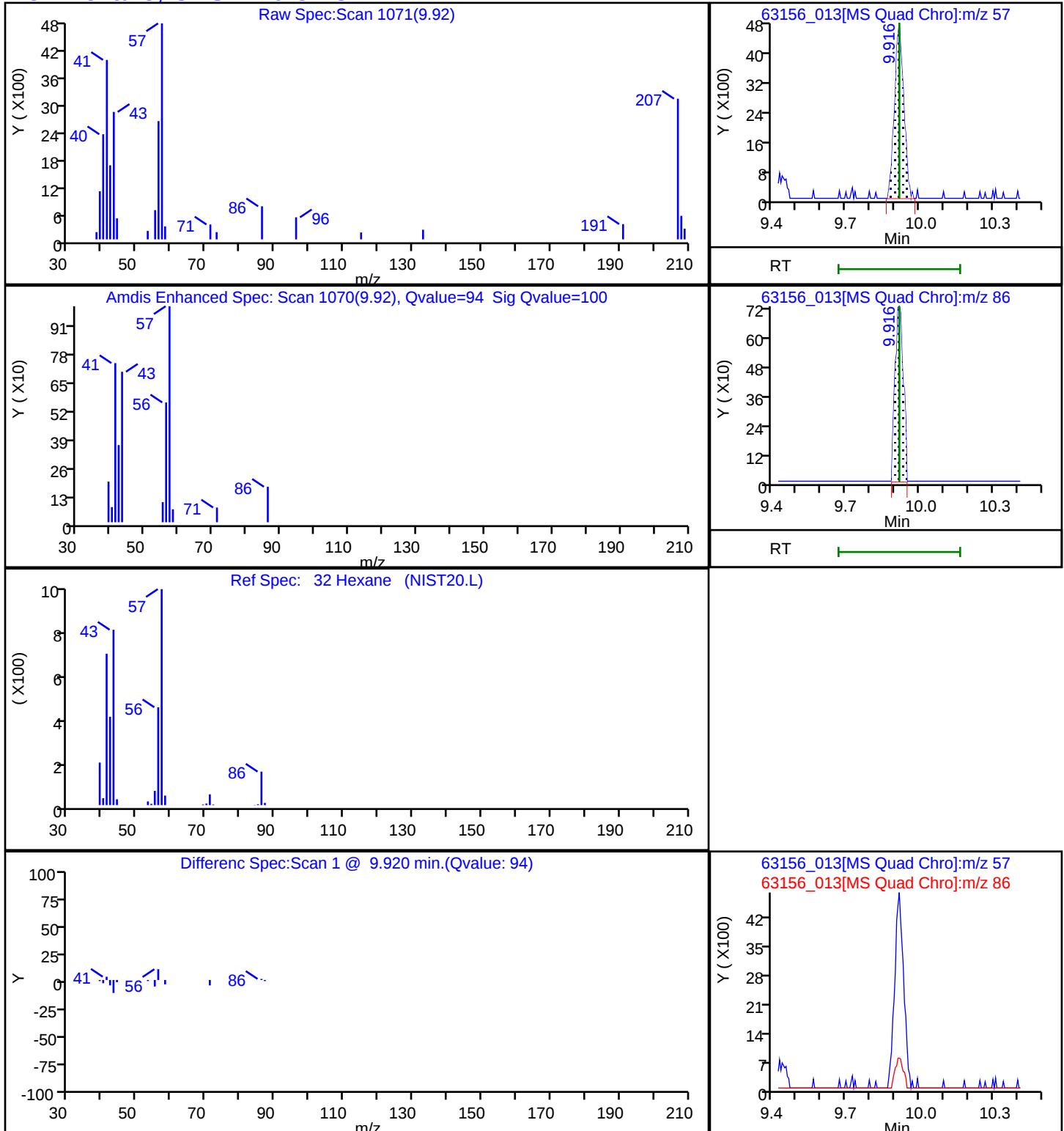
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

32 Hexane, CAS: 110-54-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_013.D

Injection Date: 27-Nov-2024 17:26:34

Instrument ID: CHAN.i

Lims ID: 200-76025-A-5

Lab Sample ID: 200-76025-5

Client ID: TB_20241126

Operator ID: wrd

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 200.000 mL

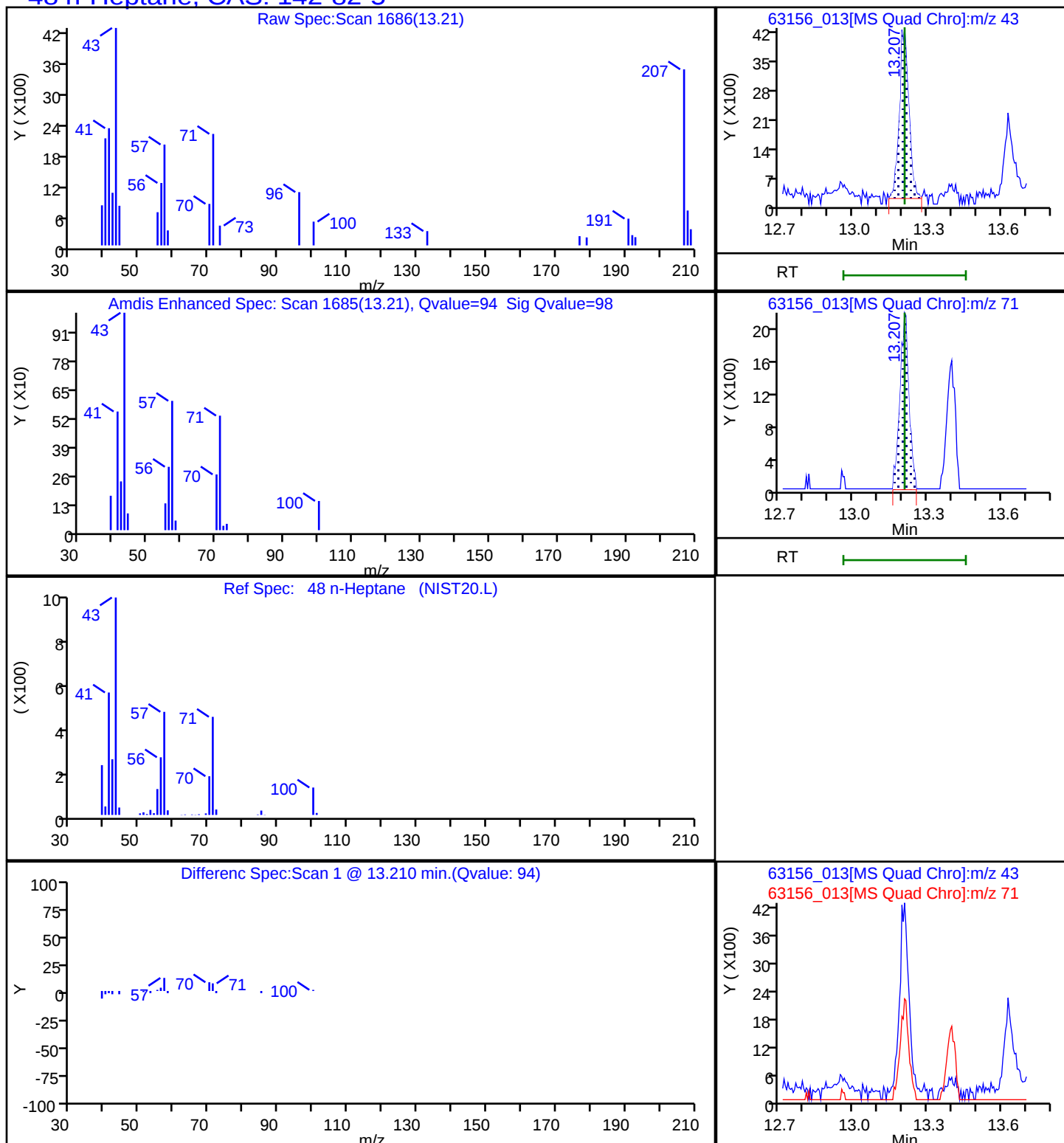
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

48 n-Heptane, CAS: 142-82-5

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_013.D

Injection Date: 27-Nov-2024 17:26:34

Instrument ID: CHAN.i

Lims ID: 200-76025-A-5

Lab Sample ID: 200-76025-5

Client ID: TB_20241126

Operator ID: wrd

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

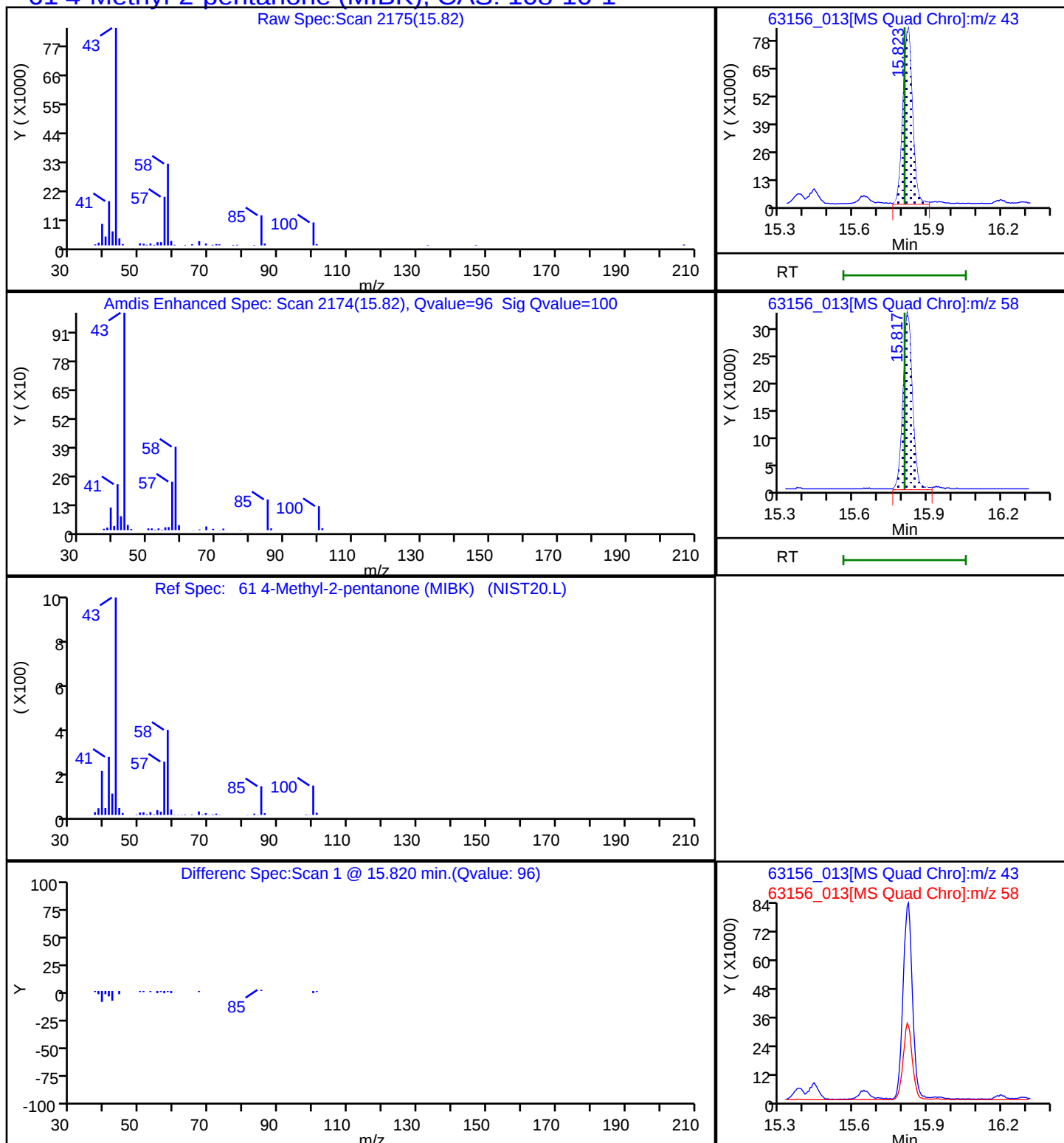
Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_013.D

Injection Date: 27-Nov-2024 17:26:34

Instrument ID: CHAN.i

Lims ID: 200-76025-A-5

Lab Sample ID: 200-76025-5

Client ID: TB_20241126

Operator ID: wrd

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 200.000 mL

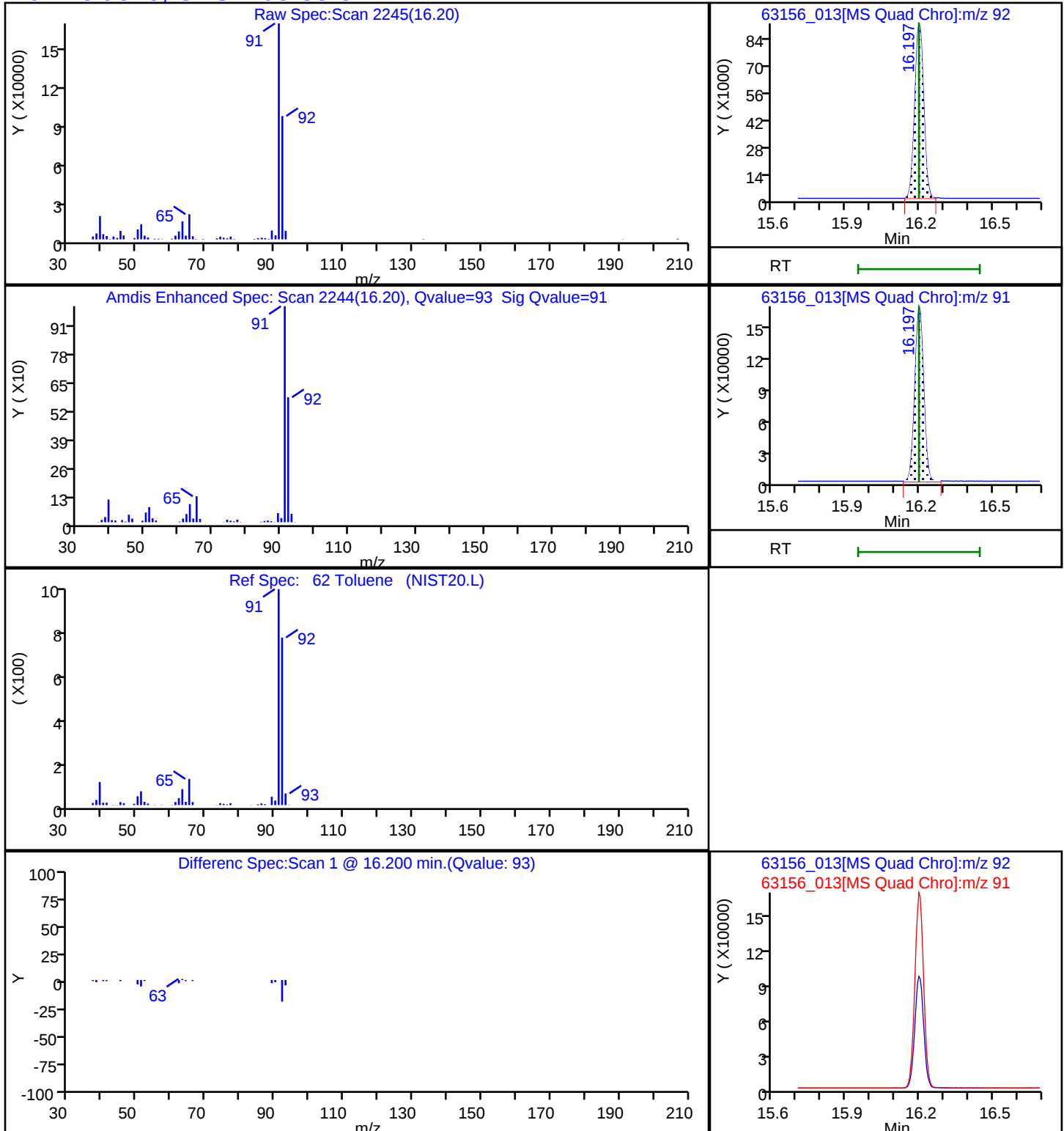
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

62 Toluene, CAS: 108-88-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_013.D

Injection Date: 27-Nov-2024 17:26:34

Instrument ID: CHAN.i

Lims ID: 200-76025-A-5

Lab Sample ID: 200-76025-5

Client ID: TB_20241126

Operator ID: wrd

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 200.000 mL

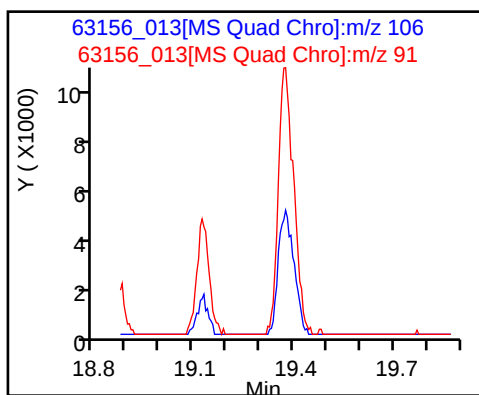
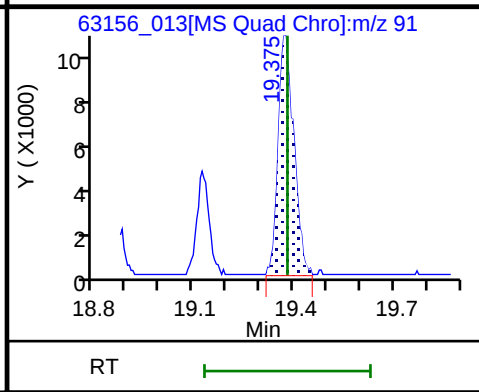
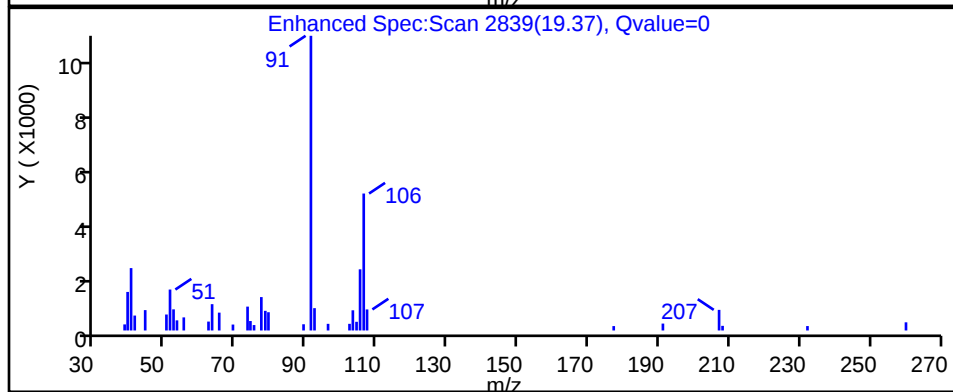
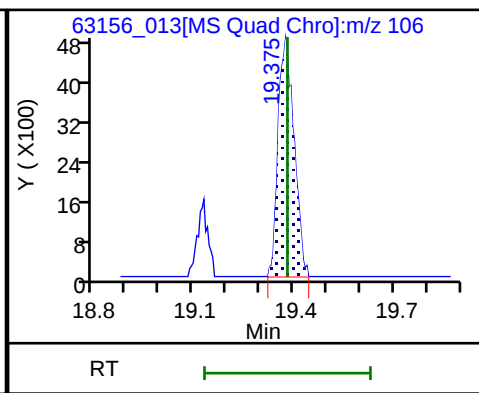
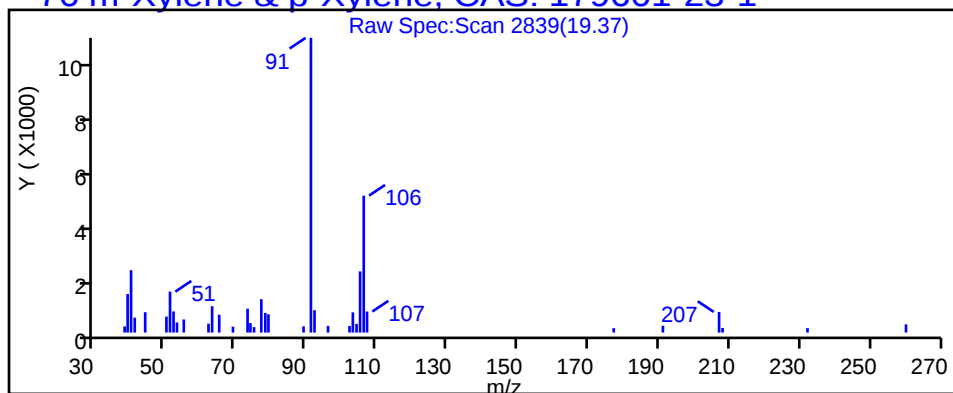
Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

76 m-Xylene & p-Xylene, CAS: 179601-23-1

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_013.D

Injection Date: 27-Nov-2024 17:26:34

Instrument ID: CHAN.i

Lims ID: 200-76025-A-5

Lab Sample ID: 200-76025-5

Client ID: TB_20241126

Operator ID: wrd

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

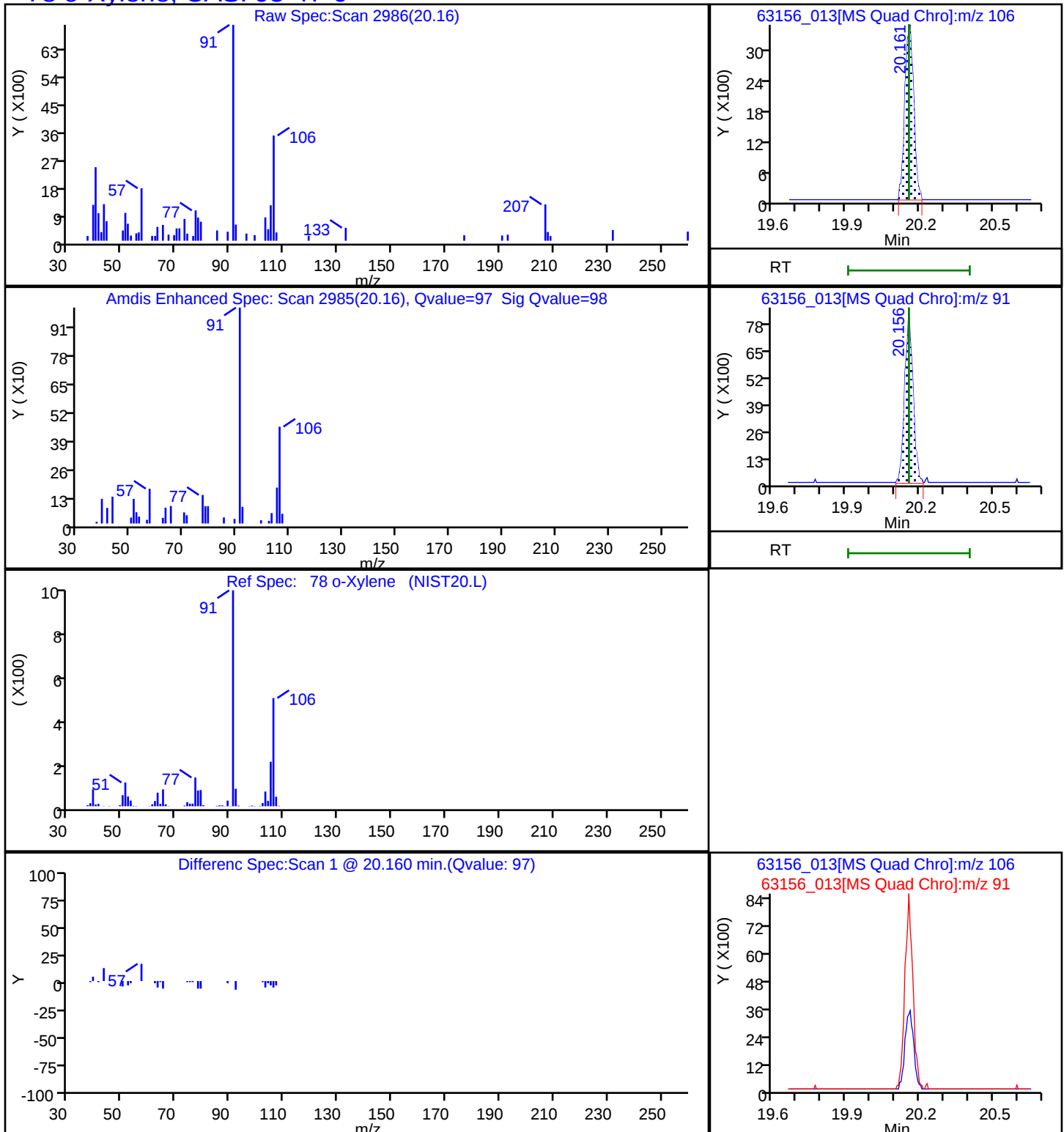
Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 o-Xylene, CAS: 95-47-6



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_013.D

Injection Date: 27-Nov-2024 17:26:34

Instrument ID: CHAN.i

Lims ID: 200-76025-A-5

Lab Sample ID: 200-76025-5

Client ID: TB_20241126

Operator ID: wrd

ALS Bottle#: 13 Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

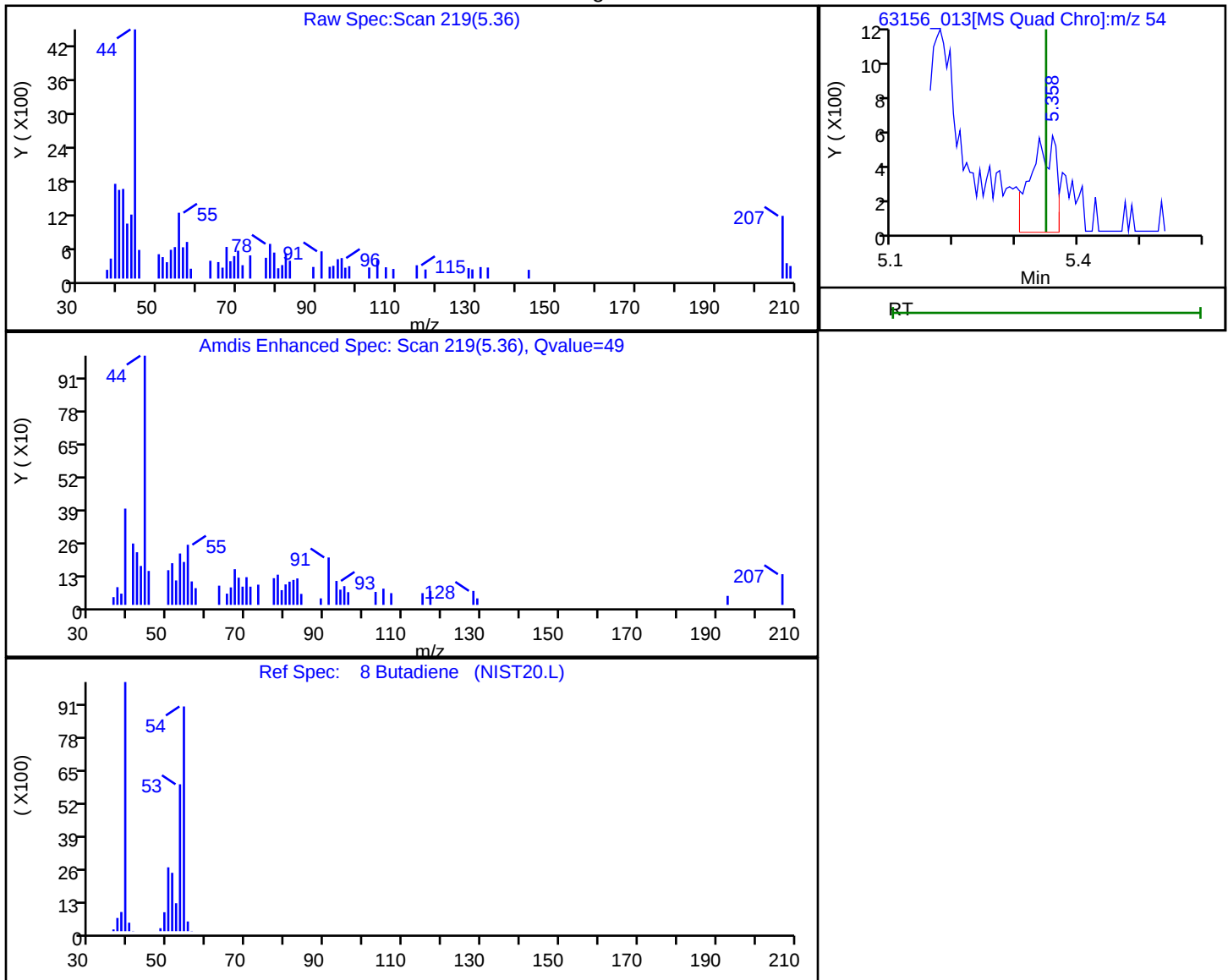
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

8 Butadiene, CAS: 106-99-0

Processing Results



RT	Mass	Response	Amount
5.36	54.00	1536	0.025373

Reviewer: YWL8, 28-Nov-2024 07:31:25 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_013.D

Injection Date: 27-Nov-2024 17:26:34

Instrument ID: CHAN.i

Lims ID: 200-76025-A-5

Lab Sample ID: 200-76025-5

Client ID: TB_20241126

Operator ID: wrd

ALS Bottle#: 13 Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

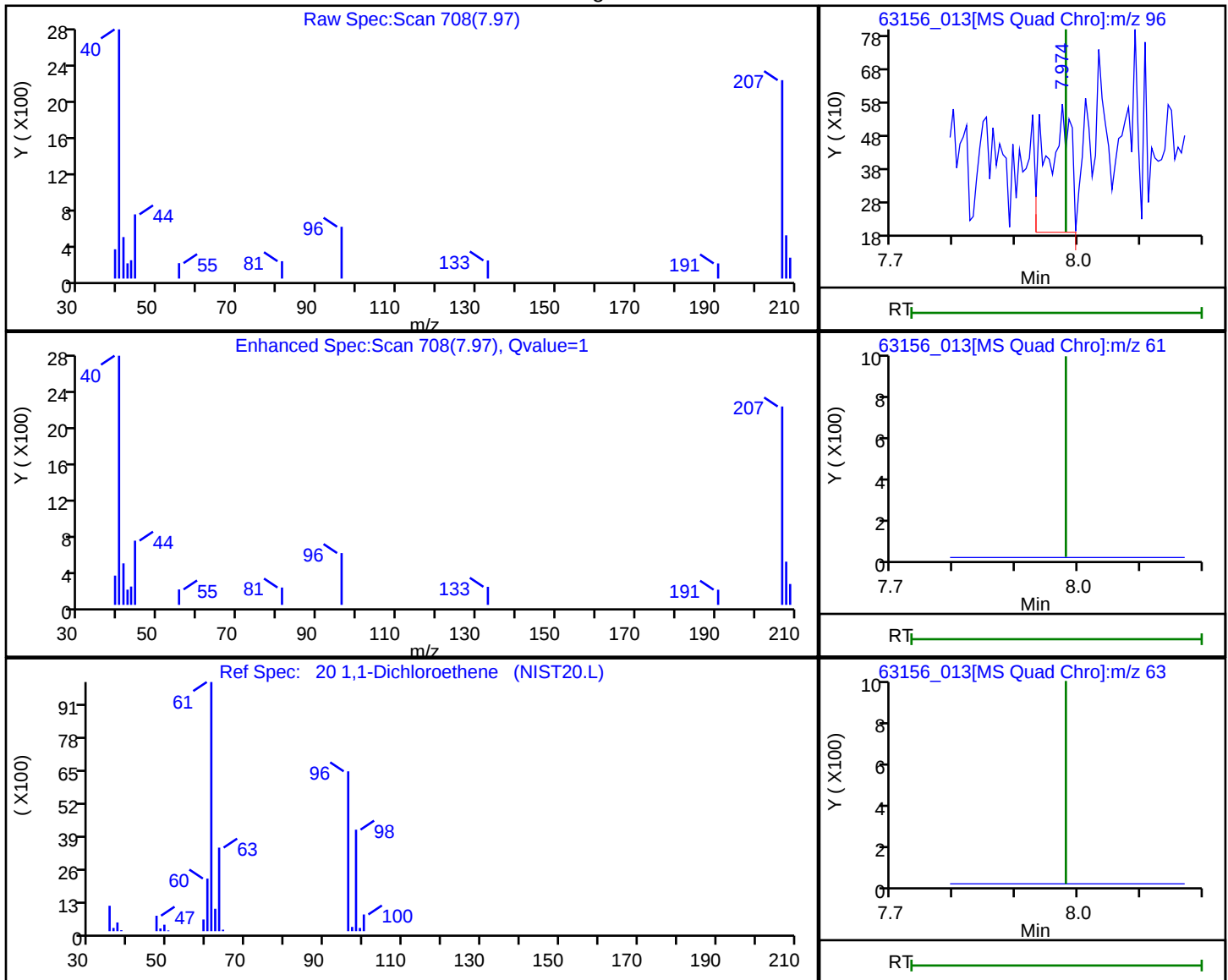
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
7.97	96.00	967	0.012501
7.98	61.00	0	
7.98	63.00	0	

Reviewer: YWL8, 28-Nov-2024 07:31:28 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_013.D

Injection Date: 27-Nov-2024 17:26:34

Instrument ID: CHAN.i

Lims ID: 200-76025-A-5

Lab Sample ID: 200-76025-5

Client ID: TB_20241126

Operator ID: wrd

ALS Bottle#:

13

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

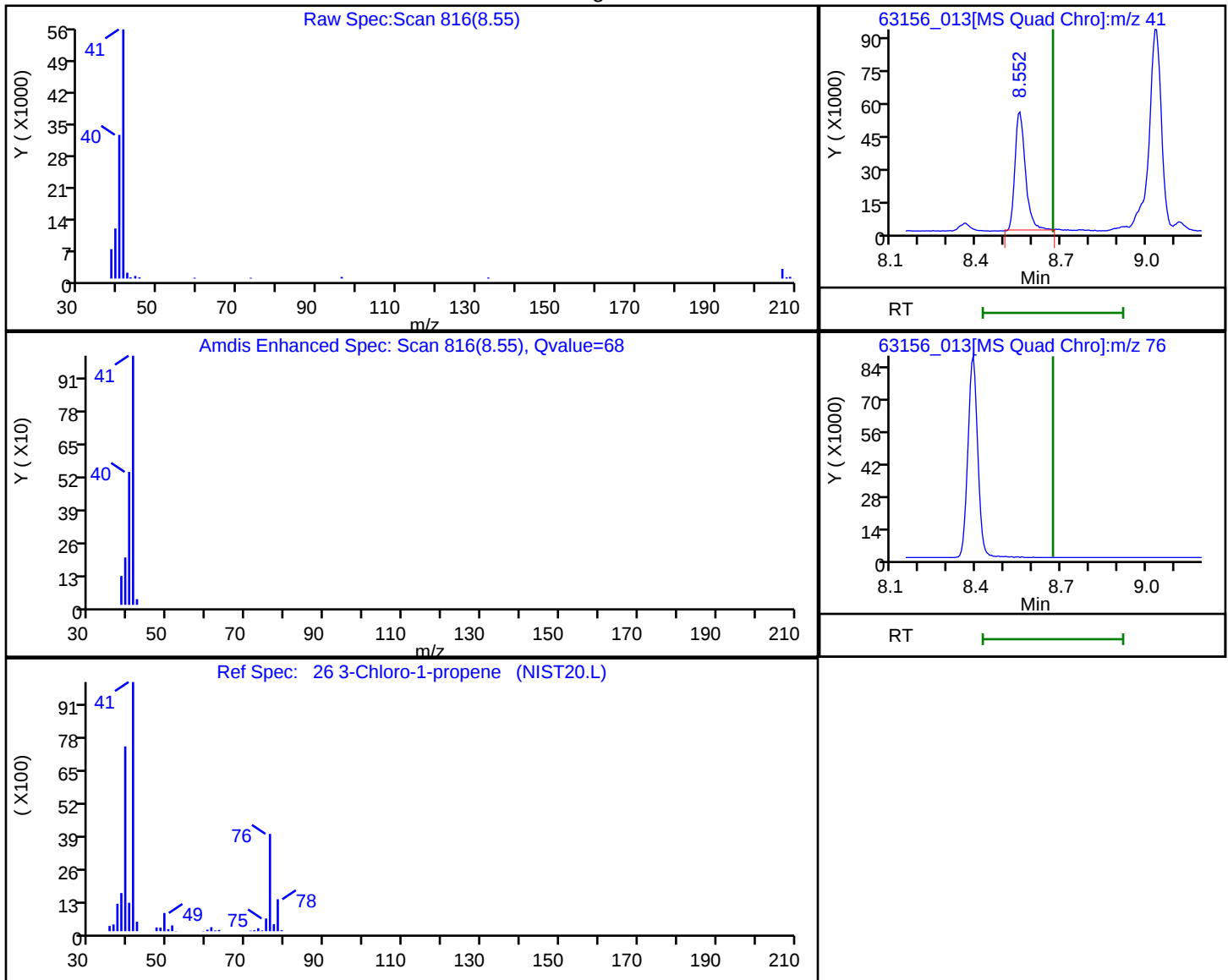
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
8.55	41.00	144995	1.632412
8.67	76.00	0	

Reviewer: YWL8, 28-Nov-2024 07:31:33 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_013.D

Injection Date: 27-Nov-2024 17:26:34

Instrument ID: CHAN.i

Lims ID: 200-76025-A-5

Lab Sample ID: 200-76025-5

Client ID: TB_20241126

Operator ID: wrd

ALS Bottle#: 13 Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

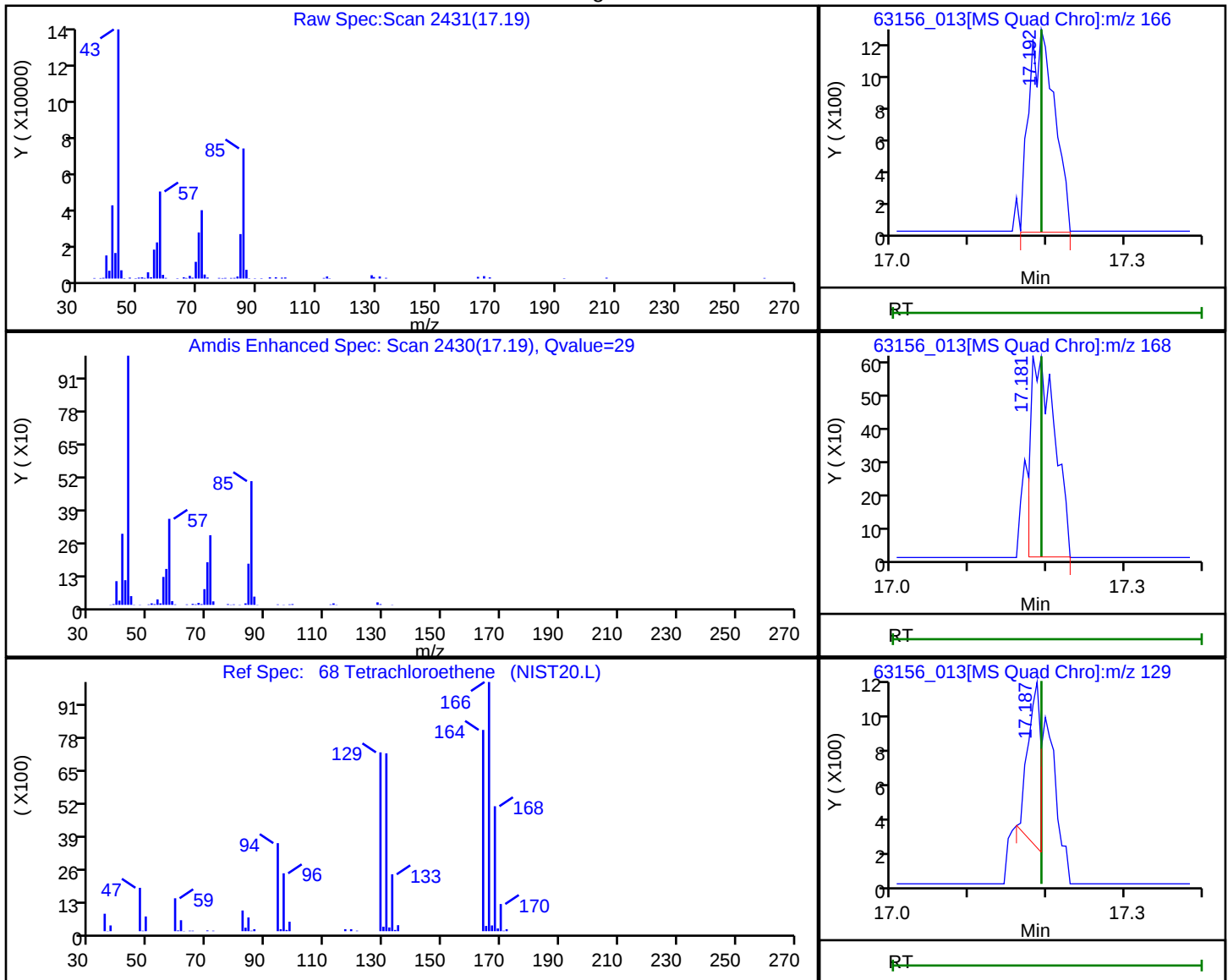
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

68 Tetrachloroethene, CAS: 127-18-4

Processing Results



RT	Mass	Response	Amount
17.19	166.00	2895	0.022138
17.18	168.00	1325	
17.19	129.00	1089	

Reviewer: YWL8, 28-Nov-2024 07:31:58 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_013.D

Injection Date: 27-Nov-2024 17:26:34

Instrument ID: CHAN.i

Lims ID: 200-76025-A-5

Lab Sample ID: 200-76025-5

Client ID: TB_20241126

Operator ID: wrd

ALS Bottle#: 13 Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

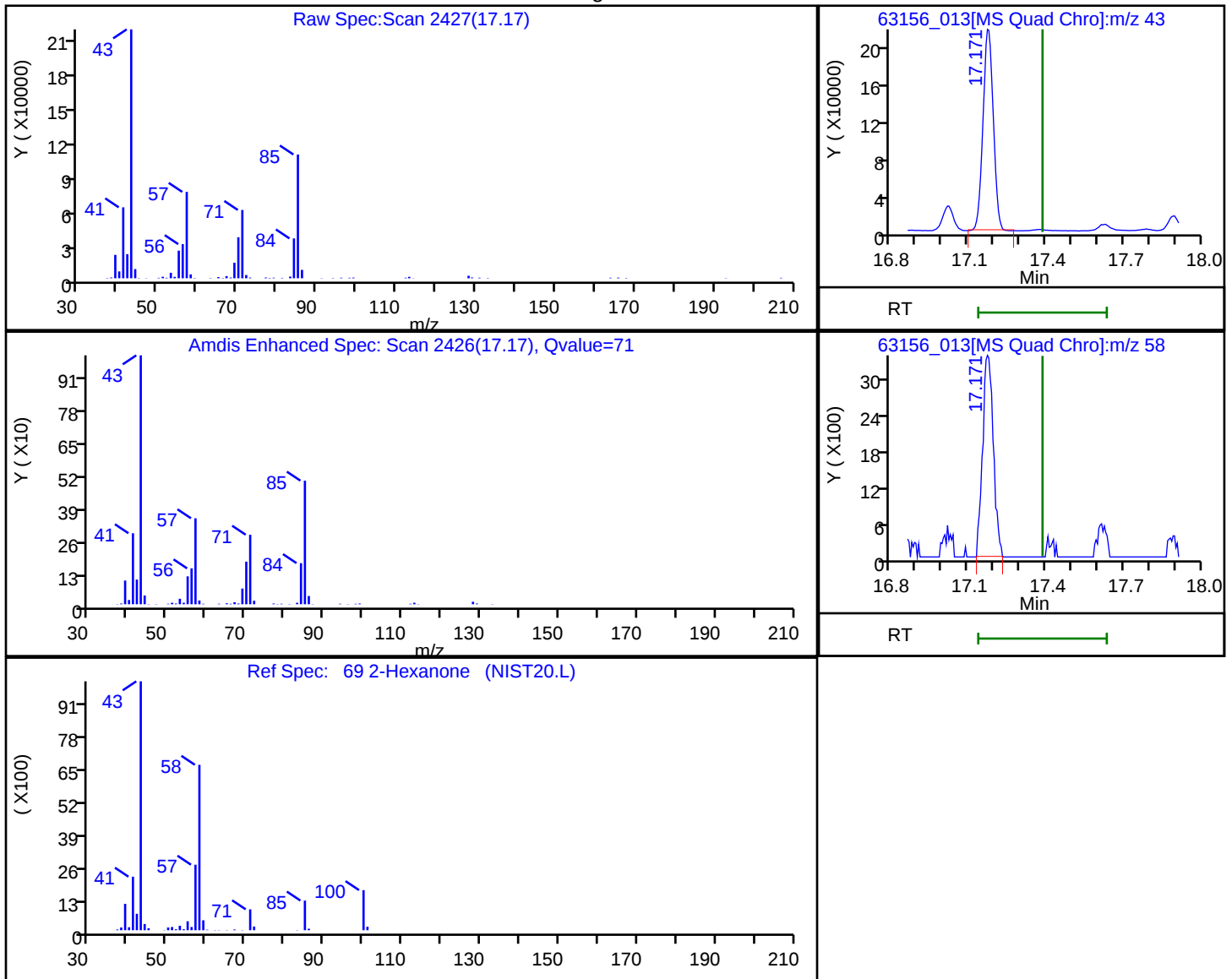
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

69 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
17.17	43.00	599150	3.829750
17.17	58.00	9653	

Reviewer: YWL8, 28-Nov-2024 07:32:04 07:00:00 (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 Burlington Job No.: 200-76025-1 Analy Batch No.: 211118
SDG No.: _____
Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 11/17/2024 15:08 Calibration End Date: 11/17/2024 22:53 Calibration ID: 53921

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-211118/4	63017_004.D
Level 2	IC 200-211118/5	63017_005.D
Level 3	IC 200-211118/6	63017_006.D
Level 4	IC 200-211118/7	63017_007.D
Level 5	ICIS 200-211118/8	63017_008.D
Level 6	IC 200-211118/10	63017_010.D
Level 7	IC 200-211118/12	63017_012.D
Level 8	IC 200-211118/13	63017_013.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														
Propylene	++++ 1.0997	++++ 1.0752	++++ 1.0340	1.1048	1.4036	Ave		1.143 5				12.9		30.0			
Dichlorodifluoromethane	++++ 3.2596	++++ 3.1110	3.9671 2.9672	3.1967	4.0836	Ave		3.430 9				13.8		30.0			
Freon 22	++++ 2.0674	++++ 1.9989	2.5951 1.8988	2.0604	2.6069	Ave		2.204 6				14.2		30.0			
1,2-Dichlorotetrafluoroethane	++++ 3.5982	4.4262 3.4477	4.3478 3.3153	3.5303	4.4926	Ave		3.879 7				13.3		30.0			
Chloromethane	++++ 1.2881	++++ 1.2429	1.6328 1.1985	1.2787	1.6272	Ave		1.378 0				14.3		30.0			
Vinyl chloride	2.4646 1.4580	1.8609 1.3747	1.8237 1.3471	1.4040	1.7948	Ave		1.691 0				22.5		30.0			
n-Butane	++++ 1.9593	++++ 1.8620	2.1840 1.7818	1.9128	2.4826	Ave		2.030 4				12.8		30.0			
1,3-Butadiene	1.7563 1.0585	1.4203 0.9996	1.3205 0.9731	1.0250	1.3096	Ave		1.232 9				22.1		30.0			
Bromomethane	++++ 1.3021	1.5703 1.2239	1.5447 1.2207	1.2414	1.5912	Ave		1.384 9				12.6		30.0			
Chloroethane	++++ 0.7890	++++ 0.7455	0.9575 0.7370	0.7477	0.9710	Ave		0.824 6				13.3		30.0			
Isopentane	++++ 1.6338	2.1974 1.5754	2.0356 1.5289	1.6106	2.0638	Ave		1.806 5				15.5		30.0			
Bromoethene (Vinyl Bromide)	++++ 1.2626	1.5179 1.1859	1.5132 1.1843	1.1885	1.5473	Ave		1.342 8				13.0		30.0			
Trichlorofluoromethane	++++ 2.9662	3.6277 2.8020	3.5649 2.7370	2.8681	3.6735	Ave		3.177 1				13.3		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 Burlington Job No.: 200-76025-1 Analy Batch No.: 211118

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2024 15:08 Calibration End Date: 11/17/2024 22:53 Calibration ID: 53921

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 5		B	M1	M2								
n-Pentane	++++ 2.4433	++++ 2.3325	3.1176 2.2441	2.3963	3.0540	Ave		2.598 0				14.8		30.0			
Ethanol	++++ 0.6181	0.9327 0.5857	0.6705 0.5700	0.5814	0.7988	Ave		0.679 6				20.2		30.0			
Ethyl ether	++++ 1.0063	1.1958 0.9490	1.2073 0.9402	0.9629	1.2334	Ave		1.070 7				12.6		30.0			
Acrolein	++++ 0.5376	++++ 0.5136	++++ 0.5085	0.5019	0.6395	Ave		0.540 2				10.6		30.0			
1,1-Dichloroethene	2.0899 1.3756	1.8340 1.3059	1.7175 1.2980	1.2955	1.6868	Ave		1.575 4				19.1		30.0			
Freon TF	++++ 2.8035	3.4173 2.6338	3.3983 2.6140	2.6902	3.4471	Ave		3.000 6				13.3		30.0			
Acetone	++++ 1.8384	++++ 1.7460	++++ 1.6777	1.8598	2.3590	Ave		1.896 2				14.2		30.0			
Isopropyl alcohol	++++ 2.0882	++++ 1.9769	++++ 1.9048	1.9917	2.6603	Ave		2.124 4				14.4		30.0			
Carbon disulfide	++++ 4.0757	++++ 3.8107	4.9281 3.6595	3.9327	5.0143	Ave		4.236 9				13.8		30.0			
Acetonitrile	++++ 1.0240	++++ 0.9753	++++ 0.9589	1.0040	1.2688	Ave		1.046 2				12.1		30.0			
3-Chloropropene	++++ 1.6770	2.1731 1.5848	2.0184 1.5329	1.6059	2.0705	Ave		1.809 0				14.8		30.0			
Methylene Chloride	++++ 1.4988	++++ 1.4201	1.8839 1.3874	1.4509	1.8556	Ave		1.582 8				14.2		30.0			
tert-Butyl alcohol	++++ 2.7272	++++ 2.5801	++++ 2.4915	2.5829	3.4332	Ave		2.763 0				13.9		30.0			
Acrylonitrile	++++ 0.9970	++++ 0.9504	1.0708 0.9378	0.9466	1.2123	Ave		1.019 2				10.5		30.0			
trans-1,2-Dichloroethene	2.5929 1.8862	2.3176 1.7904	2.2850 1.7388	1.8331	2.3390	Ave		2.097 9				15.3		30.0			
Methyl tert-butyl ether	++++ 3.6331	4.4602 3.4231	4.3687 3.3199	3.4959	4.4969	Ave		3.885 4				13.6		30.0			
n-Hexane	++++ 2.1188	2.6923 2.0074	2.6840 1.9509	2.0299	2.6359	Ave		2.302 7				15.1		30.0			
1,1-Dichloroethane	3.3521 2.4417	3.0211 2.2999	2.9885 2.2245	2.3722	3.0374	Ave		2.717 1				15.8		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 Burlington Job No.: 200-76025-1 Analy Batch No.: 211118
SDG No.: _____
Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 11/17/2024 15:08 Calibration End Date: 11/17/2024 22:53 Calibration ID: 53921

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 5		B	M1	M2								
Vinyl acetate	++++ 2.7220	++++ 2.6291	++++ 2.5821	2.4287	3.2439	Ave		2.721 2				11.4		30.0			
Methyl Ethyl Ketone (2-Butanone)	++++ 0.7355	++++ 0.6950	0.8628 0.6933	0.6984	0.9095	Ave		0.765 7				12.5		30.0			
cis-1,2-Dichloroethene	2.0975 1.5206	1.9283 1.4246	1.8393 1.4196	1.4455	1.8629	Ave		1.692 3				15.9		30.0			
Ethyl acetate	++++ 0.1271	++++ 0.1200	++++ 0.1207	0.1216	0.1558	Ave		0.129 0				11.8		30.0			
Tetrahydrofuran	++++ 0.3108	++++ 0.2977	++++ 0.2927	0.2977	0.3874	Ave		0.317 2				12.5		30.0			
Chloroform	++++ 2.7381	3.4220 2.5916	3.3024 2.5379	2.6274	3.3934	Ave		2.944 7				13.8		30.0			
1,1,1-Trichloroethane	++++ 0.5392	0.6392 0.5128	0.6488 0.5097	0.5192	0.6699	Ave		0.577 0				12.5		30.0			
Cyclohexane	++++ 0.3912	0.4614 0.3693	0.4573 0.3701	0.3705	0.4822	Ave		0.414 6				12.1		30.0			
Carbon tetrachloride	0.7636 0.5399	0.6484 0.5101	0.6239 0.5117	0.5129	0.6620	Ave		0.596 6				15.6		30.0			
Benzene	++++ 0.9107	1.1094 0.8578	1.0966 0.8337	0.8743	1.1283	Ave		0.973 0				13.5		30.0			
1,2-Dichloroethane	++++ 0.3369	0.4046 0.3207	0.4010 0.3177	0.3265	0.4171	Ave		0.360 7				12.4		30.0			
2,2,4-Trimethylpentane	++++ 1.4109	1.7090 1.3277	1.7316 1.2618	1.3795	1.7607	Ave		1.511 6				14.1		30.0			
n-Heptane	++++ 0.5012	0.6508 0.4771	0.6168 0.4610	0.4899	0.6276	Ave		0.546 3				14.9		30.0			
n-Butanol	++++ 0.2287	++++ 0.2170	++++ 0.2198	0.2236	0.2878	Ave		0.235 4				12.6		30.0			
Trichloroethene	0.5192 0.3990	0.4632 0.3773	0.4566 0.3801	0.3803	0.4920	Ave		0.433 5				13.0		30.0			
1,2-Dichloropropane	++++ 0.3539	0.4239 0.3348	0.4237 0.3294	0.3360	0.4378	Ave		0.377 1				13.0		30.0			
Methyl methacrylate	++++ 0.3423	++++ 0.3233	0.3717 0.3234	0.3209	0.4207	Ave		0.350 4				11.3		30.0			
1,4-Dioxane	++++ 0.1958	0.2452 0.1830	0.2214 0.1832	0.1817	0.2510	Ave		0.208 8				14.5		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 Burlington Job No.: 200-76025-1 Analy Batch No.: 211118

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2024 15:08 Calibration End Date: 11/17/2024 22:53 Calibration ID: 53921

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 5		B	M1	M2								
Dibromomethane	++++ 0.3434	0.4356 0.3246	0.4184 0.3328	0.3320	0.4195	Ave		0.372 3				13.3		30.0			
Bromodichloromethane	++++ 0.6312	0.6979 0.5980	0.7447 0.5923	0.5994	0.7755	Ave		0.662 7				11.5		30.0			
cis-1,3-Dichloropropene	++++ 0.6005	0.6811 0.5693	0.6769 0.5637	0.5674	0.7374	Ave		0.628 0				11.1		30.0			
4-Methyl-2-pentanone (Methyl isobutyl ketone)	++++ 0.6573	++++ 0.6228	0.7562 0.6015	0.6445	0.8205	Ave		0.683 8				12.5		30.0			
Toluene	++++ 0.7482	0.8983 0.6972	0.8750 0.6885	0.6989	0.8936	Ave		0.785 7				12.6		30.0			
n-Octane	++++ 0.7009	0.8730 0.6595	0.8742 0.6258	0.6909	0.8856	Ave		0.758 6				15.0		30.0			
trans-1,3-Dichloropropene	++++ 0.4604	0.5376 0.4387	0.5277 0.4346	0.4371	0.5627	Ave		0.485 5				11.3		30.0			
1,1,2-Trichloroethane	++++ 0.3979	0.4333 0.3718	0.4553 0.3752	0.3694	0.4713	Ave		0.410 6				10.3		30.0			
Tetrachloroethene	0.7817 0.5675	0.6698 0.5296	0.6438 0.5419	0.5174	0.6716	Ave		0.615 4				14.9		30.0			
Methyl Butyl Ketone (2-Hexanone)	++++ 0.7280	++++ 0.6833	0.7858 0.6596	0.6919	0.8690	Ave		0.736 3				10.7		30.0			
Dibromochloromethane	++++ 0.7579	0.7225 0.7097	0.8013 0.7102	0.6661	0.8744	Ave		0.748 9				9.3		30.0			
1,2-Dibromoethane	++++ 0.7014	0.7919 0.6555	0.7899 0.6584	0.6482	0.8271	Ave		0.724 6				10.5		30.0			
Chlorobenzene	++++ 0.9897	1.1938 0.9202	1.1538 0.9091	0.9208	1.1862	Ave		1.039 1				12.8		30.0			
Ethylbenzene	++++ 1.6127	1.9365 1.4907	1.9261 1.4012	1.5298	1.9547	Ave		1.693 1				14.1		30.0			
m,p-Xylene	++++ 0.6205	0.7418 0.5769	0.7296 0.5685	0.5750	0.7425	Ave		0.650 7				12.8		30.0			
n-Nonane	++++ 0.7941	0.9818 0.7345	0.9859 0.7080	0.7590	0.9711	Ave		0.847 8				14.9		30.0			
o-Xylene	++++ 0.6063	0.7281 0.5631	0.7010 0.5632	0.5602	0.7297	Ave		0.635 9				12.6		30.0			
Styrene	++++ 1.0161	1.1785 0.9425	1.1732 0.9181	0.9477	1.2193	Ave		1.056 5				12.3		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 Burlington Job No.: 200-76025-1 Analy Batch No.: 211118

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2024 15:08 Calibration End Date: 11/17/2024 22:53 Calibration ID: 53921

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 5		B	M1	M2								
Bromoform	++++ 0.7145	0.4432 0.6716	0.6560 0.6751	0.5471	0.7461	Ave		0.636 2				16.6		30.0			
Cumene	++++ 1.7384	2.1684 1.5996	2.1229 1.4712	1.6692	2.1374	Ave		1.843 9				15.8		30.0			
1,1,2,2-Tetrachloroethane	++++ 1.0516	1.2856 0.9784	1.2374 0.9374	0.9750	1.2678	Ave		1.104 7				13.9		30.0			
1,2,3-Trichloropropane	++++ 0.7659	++++ 0.7130	0.8932 0.6968	0.7120	0.9202	Ave		0.783 5				12.6		30.0			
n-Propylbenzene	++++ 2.1247	2.6701 1.9364	2.6039 1.6683	2.0797	2.6327	Ave		2.245 1				17.5		30.0			
2-Chlorotoluene	++++ 1.3133	1.5769 1.2121	1.5597 1.1561	1.2482	1.5950	Ave		1.380 2				13.8		30.0			
4-Ethyltoluene	++++ 1.6944	2.0359 1.5479	2.0282 1.3866	1.6192	2.0668	Ave		1.768 4				15.5		30.0			
1,3,5-Trimethylbenzene	++++ 1.4058	1.7416 1.2946	1.6611 1.2012	1.3322	1.7116	Ave		1.478 3				15.0		30.0			
n-Decane	++++ 1.0070	++++ 0.9284	1.2429 0.8528	0.9815	1.2389	Ave		1.041 9				15.6		30.0			
Alpha Methyl Styrene	++++ 0.7945	0.9172 0.7407	0.8884 0.7221	0.7284	0.9554	Ave		0.820 9				11.9		30.0			
tert-Butylbenzene	++++ 1.3333	1.6427 1.2363	1.5862 1.1578	1.2664	1.6265	Ave		1.407 0				14.6		30.0			
1,2,4-Trimethylbenzene	++++ 1.4027	1.7894 1.2969	1.6718 1.1936	1.3414	1.7333	Ave		1.489 8				15.9		30.0			
sec-Butylbenzene	++++ 2.0747	2.6038 1.8883	2.5779 1.6085	2.0345	2.5761	Ave		2.194 8				18.0		30.0			
1,3-Dichlorobenzene	++++ 0.9920	1.1901 0.9243	1.0965 0.8895	0.9067	1.1803	Ave		1.025 6				12.6		30.0			
4-Isopropyltoluene	++++ 1.7275	2.2072 1.5841	2.0683 1.4012	1.6595	2.1129	Ave		1.823 0				16.8		30.0			
1,4-Dichlorobenzene	++++ 0.9861	1.1187 0.9226	1.0804 0.8860	0.9003	1.1678	Ave		1.008 8				11.2		30.0			
Benzyl chloride	++++ 1.3929	1.6386 1.2919	1.4764 1.1975	1.2861	1.6620	Ave		1.420 8				12.7		30.0			
n-Butylbenzene	++++ 1.7739	2.2034 1.6291	2.0826 1.4191	1.7039	2.1958	Ave		1.858 2				16.4		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 Burlington Job No.: 200-76025-1 Analy Batch No.: 211118

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2024 15:08 Calibration End Date: 11/17/2024 22:53 Calibration ID: 53921

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 5		B	M1	M2								
1,2-Dichlorobenzene	+++++ 0.9428	1.1744 0.8785	1.0623 0.8536	0.8735	1.1304	Ave		0.987 9				13.4		30.0			
n-Undecane	+++++ 1.1394	+++++ 1.0500	+++++ 0.9493	1.0423	1.4068	Ave		1.117 6				15.7		30.0			
n-Dodecane	+++++ 1.1642	+++++ 1.0914	+++++ 0.9828	0.7190	1.4207	Ave		1.075 6				23.8		30.0			
1,2,4-Trichlorobenzene	+++++ 0.7249	+++++ 0.6926	0.5518 0.7051	0.5246	0.8382	Ave		0.672 9				17.3		30.0			
Hexachlorobutadiene	+++++ 0.5888	0.7096 0.5560	0.6253 0.5751	0.5253	0.6985	Ave		0.611 2				11.5		30.0			
Naphthalene	+++++ 1.6996	1.4119 1.5790	1.0413 1.4619	0.9822	2.0400	Ave		1.459 4				25.2		30.0			
1,2,3-Trichlorobenzene	+++++ 0.6885	+++++ 0.6521	0.5375 0.6619	0.4929	0.8053	Ave		0.639 7				17.5		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 Burlington Job No.: 200-76025-1 Analy Batch No.: 211118

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2024 15:08 Calibration End Date: 11/17/2024 22:53 Calibration ID: 53921

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-211118/4	63017_004.D
Level 2	IC 200-211118/5	63017_005.D
Level 3	IC 200-211118/6	63017_006.D
Level 4	IC 200-211118/7	63017_007.D
Level 5	ICIS 200-211118/8	63017_008.D
Level 6	IC 200-211118/10	63017_010.D
Level 7	IC 200-211118/12	63017_012.D
Level 8	IC 200-211118/13	63017_013.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 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	++++ 1173319	++++ 1506125	++++ 2889820	337597	759558	++++ 15.0	++++ 20.0	++++ 40.0	4.24	10.00
Dichlorodifluoromethane	BCM	Ave	++++ 3477635	++++ 4358030	++++ 8292242	976817	2209870	++++ 15.0	++++ 20.0	++++ 0.424 40.0	4.24	10.00
Freon 22	BCM	Ave	++++ 2205703	++++ 2800118	++++ 5306651	629603	1410730	++++ 15.0	++++ 20.0	++++ 0.424 40.0	4.24	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 3838952	++++ 49176 4829666	++++ 128632 9265260	1078759	2431216	++++ 15.0	++++ 0.170 20.0	++++ 0.424 40.0	4.24	10.00
Chloromethane	BCM	Ave	++++ 1374252	++++ 1741082	++++ 48307 3349546	390726	880582	++++ 15.0	++++ 20.0	++++ 0.424 40.0	4.24	10.00
Vinyl chloride	BCM	Ave	++++ 5821 1555534	++++ 20675 1925755	++++ 53955 3764661	429025	971280	0.0351 15.0	0.170 20.0	0.424 40.0	4.24	10.00
n-Butane	BCM	Ave	++++ 2090402	++++ 2608347	++++ 64616 4979523	584483	1343468	++++ 15.0	++++ 20.0	++++ 0.424 40.0	4.24	10.00
1,3-Butadiene	BCM	Ave	++++ 1129366	++++ 4148 1400349	++++ 39068 2719380	313209	708720	0.0351 15.0	0.170 20.0	0.424 40.0	4.24	10.00
Bromomethane	BCM	Ave	++++ 1389197	++++ 17446 1714427	++++ 45701 3411555	379322	861070	++++ 15.0	++++ 0.170 20.0	++++ 0.424 40.0	4.24	10.00
Chloroethane	BCM	Ave	++++ 841768	++++ 1044358	++++ 28329 2059677	228470	525446	++++ 15.0	++++ 20.0	++++ 0.424 40.0	4.24	10.00
Isopentane	BCM	Ave	++++ 1743141	++++ 24414 2206864	++++ 60226 4272704	492148	1116843	++++ 15.0	++++ 0.170 20.0	++++ 0.424 40.0	4.24	10.00
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 1347108	++++ 16864 1661281	++++ 44769 3309747	363163	837341	++++ 15.0	++++ 0.170 20.0	++++ 0.424 40.0	4.24	10.00
Trichlorofluoromethane	BCM	Ave	++++ 3164676	++++ 40305 3925215	++++ 105470 7648903	876406	1987966	++++ 15.0	++++ 0.170 20.0	++++ 0.424 40.0	4.24	10.00
n-Pentane	BCM	Ave	++++ 2606738	++++ 20728 3267507	++++ 92238 6271575	732241	1652671	++++ 15.0	++++ 20.0	++++ 0.424 40.0	4.24	10.00
Ethanol	BCM	Ave	++++ 1319142	++++ 20728 1641320	++++ 39699 3982574	355526	648707	++++ 30.0	++++ 0.341 40.0	++++ 0.849 100.0	8.49	15.0

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76025-1 Analy Batch No.: 211118

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2024 15:08 Calibration End Date: 11/17/2024 22:53 Calibration ID: 53921

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 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	++++ 1073611	13286 1329467	35719 2627535	294233	667486	++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
Acrolein	BCM	Ave	++++ 671689	++++ 842492	++++ 1664127	179595	405244	++++ 17.6	++++ 23.4	++++ 46.8	4.97	11.7
1,1-Dichloroethene	BCM	Ave	4936 1467682	20376 1829357	50815 3627439	395864	912816	0.0351 15.0	0.170 20.0	0.424 40.0	4.24	10.00
Freon TF	BCM	Ave	++++ 2991105	37967 3689545	100542 7305399	822059	1865429	++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
Acetone	BCM	Ave	++++ 1961417	++++ 2445811	++++ 4688770	568294	1276583	++++ 15.0	++++ 20.0	++++ 40.0	4.24	10.00
Isopropyl alcohol	BCM	Ave	++++ 2582133	++++ 3209710	++++ 6169594	705377	1668522	++++ 17.4	++++ 23.2	++++ 46.4	4.92	11.6
Carbon disulfide	BCM	Ave	++++ 4348431	++++ 5338236	145801 10227241	1201716	2713535	++++ 15.0	++++ 20.0	0.424 40.0	4.24	10.00
Acetonitrile	BCM	Ave	++++ 1092529	++++ 1366309	++++ 2679949	306794	686624	++++ 15.0	++++ 20.0	++++ 40.0	4.24	10.00
3-Chloropropene	BCM	Ave	++++ 1789205	++++ 2220090	59716 4283955	490715	1120461	++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
Methylene Chloride	BCM	Ave	++++ 1599121	++++ 1989316	55736 3877452	443357	1004168	++++ 15.0	++++ 20.0	0.424 40.0	4.24	10.00
tert-Butyl alcohol	BCM	Ave	++++ 2909637	++++ 3614365	++++ 6962814	789268	1857875	++++ 15.0	++++ 20.0	++++ 40.0	4.24	10.00
Acrylonitrile	BCM	Ave	++++ 1063737	++++ 1331426	31680 2620983	289246	656048	++++ 15.0	++++ 20.0	0.424 40.0	4.24	10.00
trans-1,2-Dichloroethene	BCM	Ave	6124 2012352	25749 2508119	67603 4859472	560133	1265787	0.0351 15.0	0.170 20.0	0.424 40.0	4.24	10.00
Methyl tert-butyl ether	BCM	Ave	++++ 3876155	49554 4795194	129250 9278042	1068246	2433539	++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
n-Hexane	BCM	Ave	++++ 2260574	29912 2812003	79407 5452003	620271	1426434	++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
1,1-Dichloroethane	BCM	Ave	7917 2605017	33565 3221759	88417 6216635	724858	1643704	0.0351 15.0	0.170 20.0	0.424 40.0	4.24	10.00
Vinyl acetate	BCM	Ave	++++ 3307779	++++ 4194806	++++ 8219326	845281	1999498	++++ 17.1	++++ 22.8	++++ 45.6	4.83	11.4
Methyl Ethyl Ketone (2-Butanone)	BCM	Ave	++++ 784657	++++ 973651	25526 1937547	213413	492186	++++ 15.0	++++ 20.0	0.424 40.0	4.24	10.00
cis-1,2-Dichloroethene	BCM	Ave	4954 1622348	21424 1995684	54418 3967263	441698	1008112	0.0351 15.0	0.170 20.0	0.424 40.0	4.24	10.00
Ethyl acetate	BCM	Ave	++++ 135605	++++ 168122	++++ 337308	37170	84293	++++ 15.0	++++ 20.0	++++ 40.0	4.24	10.00
Tetrahydrofuran	DFBZ	Ave	++++	++++	++++	437964	1006004	++++	++++	++++	4.24	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76025-1 Analy Batch No.: 211118

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2024 15:08 Calibration End Date: 11/17/2024 22:53 Calibration ID: 53921

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 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			1588087	1990743	3852476			15.0	20.0	40.0		
Chloroform	BCM	Ave	++++ 2921286	38019 3630415	97705 7092627	802842	1836371	++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
1,1,1-Trichloroethane	DFBZ	Ave	++++ 2755354	34391 3428467	93031 6709289	763920	1739558	++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
Cyclohexane	DFBZ	Ave	++++ 1999133	24827 2469290	65570 4871533	545202	1252120	++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
Carbon tetrachloride	DFBZ	Ave	8706 2758943	34884 3410631	89455 6735453	754708	1719190	0.0351 15.0	0.170 20.0	0.424 40.0	4.24	10.00
Benzene	DFBZ	Ave	++++ 4653736	59691 5735830	157229 10974306	1286378	2929955	++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
1,2-Dichloroethane	DFBZ	Ave	++++ 1721664	21771 2144633	57498 4182348	480453	1083199	++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	++++ 7210115	91954 8877632	248279 16608603	2029875	4572417	++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
n-Heptane	DFBZ	Ave	++++ 2561048	35017 3190044	88443 6067497	720808	1629933	++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
n-Butanol	DFBZ	Ave	++++ 1168835	++++ 1451096	++++ 2892736	329066	747357	++++ 15.0	++++ 20.0	++++ 40.0	4.24	10.00
Trichloroethene	DFBZ	Ave	5920 2039206	24923 2523008	65465 5002699	559526	1277648	0.0351 15.0	0.170 20.0	0.424 40.0	4.24	10.00
1,2-Dichloropropane	DFBZ	Ave	++++ 1808544	22809 2238318	60746 4335413	494407	1137041	++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
Methyl methacrylate	DFBZ	Ave	++++ 1749281	++++ 2161581	53300 4256256	472212	1092402	++++ 15.0	++++ 20.0	0.424 40.0	4.24	10.00
1,4-Dioxane	DFBZ	Ave	++++ 1000803	13194 1223555	31750 2411837	267289	651877	++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
Dibromomethane	DFBZ	Ave	++++ 1754802	23437 2170399	59997 4380360	488475	1089283	++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
Bromodichloromethane	DFBZ	Ave	++++ 3225391	37548 3998474	106773 7797045	881984	2013901	++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
cis-1,3-Dichloropropene	DFBZ	Ave	++++ 3068553	36645 3806764	97059 7420058	834942	1914896	++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
4-Methyl-2-pentanone (Methyl isobutyl ketone)	DFBZ	Ave	++++ 3358836	++++ 4163987	108422 7916852	948352	2130830	++++ 15.0	++++ 20.0	0.424 40.0	4.24	10.00
Toluene	CBNzd 5	Ave	++++ 3310986	41280 4085578	109031 7939869	914432	2085208	++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
n-Octane	DFBZ	Ave	++++ 3582003	46973 4409802	125343 8236754	1016585	2299802	++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76025-1 Analy Batch No.: 211118

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2024 15:08 Calibration End Date: 11/17/2024 22:53 Calibration ID: 53921

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 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
trans-1,3-Dichloropropene	DFBZ	Ave	+++++ 2353015	28924 2933178	75667 5720414	643105	1461337	+++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
1,1,2-Trichloroethane	CBNZd 5	Ave	+++++ 1761029	19910 2178557	56735 4327210	483314	1099741	+++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
Tetrachloroethene	CBNZd 5	Ave	7534 2511508	30779 3103746	80222 6248653	676999	1567232	0.0351 15.0	0.170 20.0	0.424 40.0	4.24	10.00
Methyl Butyl Ketone (2-Hexanone)	CBNZd 5	Ave	+++++ 3221617	+++++ 4004163	97923 7606221	905325	2027720	+++++ 15.0	+++++ 20.0	0.424 40.0	4.24	10.00
Dibromochloromethane	CBNZd 5	Ave	+++++ 3353925	33204 4159176	99847 8190274	871564	2040412	+++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
1,2-Dibromoethane	CBNZd 5	Ave	+++++ 3104168	36393 3841487	98426 7592897	848135	1930046	+++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
Chlorobenzene	CBNZd 5	Ave	+++++ 4379895	54861 5392630	143771 10484249	1204859	2768042	+++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
Ethylbenzene	CBNZd 5	Ave	+++++ 7136990	88992 8735620	240005 16158185	2001656	4561322	+++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
m,p-Xylene	CBNZd 5	Ave	+++++ 5491792	68174 6761721	181833 13112877	1504560	3465217	+++++ 30.0	0.341 40.0	0.849 80.0	8.49	20.0
n-Nonane	CBNZd 5	Ave	+++++ 3514375	45117 4303981	122846 8165160	993031	2266064	+++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
o-Xylene	CBNZd 5	Ave	+++++ 2683113	33460 3299515	87356 6494990	732979	1702795	+++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
Styrene	CBNZd 5	Ave	+++++ 4496711	54159 5523083	146192 10587382	1240040	2845144	+++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
Bromoform	CBNZd 5	Ave	+++++ 3162062	20365 3935457	81739 7785411	715859	1740890	+++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
Cumene	CBNZd 5	Ave	+++++ 7693106	99648 9373649	264527 16966404	2183965	4987639	+++++ 15.0	0.170 20.0	0.424 40.0	4.24	10.00
1,1,2,2-Tetrachloroethane	CBNZd 5	Ave	+++++ 59078	59078	154190	1275673	2958381	+++++ 0.170	0.170	0.424	4.24	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76025-1 Analy Batch No.: 211118

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2024 15:08 Calibration End Date: 11/17/2024 22:53 Calibration ID: 53921

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 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			4653877	5733335	10809831			15.0	20.0	40.0		
1,2,3-Trichloropropane	CBNZd 5	Ave	+++++	+++++	111296	931565	2147335	+++++	+++++	0.424	4.24	10.00
			3389481	4178070	8035404			15.0	20.0	40.0		
n-Propylbenzene	CBNZd 5	Ave	+++++	122704	324471	2721172	6143371	+++++	0.170	0.424	4.24	10.00
			9402689	11347283	19238374			15.0	20.0	40.0		
2-Chlorotoluene	CBNZd 5	Ave	+++++	72464	194357	1633141	3721875	+++++	0.170	0.424	4.24	10.00
			5812067	7102950	13332242			15.0	20.0	40.0		
4-Ethyltoluene	CBNZd 5	Ave	+++++	93557	252734	2118601	4822904	+++++	0.170	0.424	4.24	10.00
			7498769	9070677	15990181			15.0	20.0	40.0		
1,3,5-Trimethylbenzene	CBNZd 5	Ave	+++++	80035	206986	1743078	3993995	+++++	0.170	0.424	4.24	10.00
			6221445	7586649	13852657			15.0	20.0	40.0		
n-Decane	CBNZd 5	Ave	+++++	+++++	154879	1284192	2890951	+++++	+++++	0.424	4.24	10.00
			4456484	5440380	9835006			15.0	20.0	40.0		
Alpha Methyl Styrene	CBNZd 5	Ave	+++++	42148	110697	953038	2229343	+++++	0.170	0.424	4.24	10.00
			3515985	4340592	8326852			15.0	20.0	40.0		
tert-Butylbenzene	CBNZd 5	Ave	+++++	75491	197656	1656960	3795450	+++++	0.170	0.424	4.24	10.00
			5900484	7244624	13351394			15.0	20.0	40.0		
1,2,4-Trimethylbenzene	CBNZd 5	Ave	+++++	82229	208320	1755066	4044545	+++++	0.170	0.424	4.24	10.00
			6207465	7599639	13765035			15.0	20.0	40.0		
sec-Butylbenzene	CBNZd 5	Ave	+++++	119655	321226	2662052	6011248	+++++	0.170	0.424	4.24	10.00
			9181712	11065514	18549371			15.0	20.0	40.0		
1,3-Dichlorobenzene	CBNZd 5	Ave	+++++	54689	136630	1186393	2754229	+++++	0.170	0.424	4.24	10.00
			4390298	5416606	10257292			15.0	20.0	40.0		
4-Isopropyltoluene	CBNZd 5	Ave	+++++	101432	257722	2171343	4930294	+++++	0.170	0.424	4.24	10.00
			7645216	9283091	16158898			15.0	20.0	40.0		
1,4-Dichlorobenzene	CBNZd 5	Ave	+++++	51411	134622	1177995	2724991	+++++	0.170	0.424	4.24	10.00
			4363804	5406510	10217347			15.0	20.0	40.0		
Benzyl chloride	CBNZd 5	Ave	+++++	75300	183972	1682790	3878114	+++++	0.170	0.424	4.24	10.00
			6164501	7570535	13809410			15.0	20.0	40.0		

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76025-1 Analy Batch No.: 211118

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2024 15:08 Calibration End Date: 11/17/2024 22:53 Calibration ID: 53921

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 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Butylbenzene	CBNZd 5	Ave	+++++	101254	259504	2229426	5123729	+++++	0.170	0.424	4.24	10.00
			7850479	9546475	16365396			15.0	20.0	40.0		
1,2-Dichlorobenzene	CBNZd 5	Ave	+++++	53971	132369	1142899	2637773	+++++	0.170	0.424	4.24	10.00
			4172454	5148278	9843688			15.0	20.0	40.0		
n-Undecane	CBNZd 5	Ave	+++++	+++++	+++++	1363804	3282745	+++++	+++++	+++++	4.24	10.00
			5042620	6153139	10947058			15.0	20.0	40.0		
n-Dodecane	CBNZd 5	Ave	+++++	+++++	+++++	940779	3315079	+++++	+++++	+++++	4.24	10.00
			5152072	6395852	11333334			15.0	20.0	40.0		
1,2,4-Trichlorobenzene	CBNZd 5	Ave	+++++	+++++	80657	805184	2294145	+++++	+++++	0.498	4.98	11.7
			3762809	4761061	9537441			17.6	23.5	46.9		
Hexachlorobutadiene	CBNZd 5	Ave	+++++	36655	87583	772536	1831967	+++++	0.192	0.477	4.77	11.2
			2929069	3662126	7454821			16.9	22.5	45.0		
Naphthalene	CBNZd 5	Ave	+++++	77148	154273	1528030	5659938	+++++	0.203	0.505	5.05	11.9
			8943286	11002119	20044662			17.8	23.8	47.6		
1,2,3-Trichlorobenzene	CBNZd 5	Ave	+++++	+++++	78031	751321	2189237	+++++	+++++	0.494	4.94	11.6
			3549479	4452066	8892664			17.5	23.3	46.6		

Curve Type Legend:

Ave = Average ISTD

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington Job No.: 200-76025-1 Analy Batch No.: 211118

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2024 15:08 Calibration End Date: 11/17/2024 22:53 Calibration ID: 53921

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-211118/4	63017_004.D
Level 2	IC 200-211118/5	63017_005.D
Level 3	IC 200-211118/6	63017_006.D
Level 4	IC 200-211118/7	63017_007.D
Level 5	ICIS 200-211118/8	63017_008.D
Level 6	IC 200-211118/10	63017_010.D
Level 7	IC 200-211118/12	63017_012.D
Level 8	IC 200-211118/13	63017_013.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Propylene	++++ -6.0	++++ -9.6	++++	-3.4	22.7	-3.8	30	30		50	30	30
Dichlorodifluoromethane	++++ -9.3	++++ -13.5	15.6	-6.8	19.0	-5.0	30	30	50	30	30	30
Freon 22	++++ -9.3	++++ -13.9	17.7	-6.5	18.2	-6.2	30	30	50	30	30	30
1,2-Dichlorotetrafluoroethane	++++ -11.1	14.1 -14.5	12.1	-9.0	15.8	-7.3	30	50 30	30	30	30	30
Chloromethane	++++ -9.8	++++ -13.0	18.5	-7.2	18.1	-6.5	30	30	50	30	30	30
Vinyl chloride	45.8 -18.7	10.0 -20.3	7.8	-17.0	6.1	-13.8	50 30	30 30	30	30	30	30
n-Butane	++++ -8.3	++++ -12.2	7.6	-5.8	22.3	-3.5	30	30	50	30	30	30
1,3-Butadiene	42.5 -18.9	15.2 -21.1	7.1	-16.9	6.2	-14.1	50 30	30 30	30	30	30	30
Bromomethane	++++ -11.6	13.4 -11.9	11.5	-10.4	14.9	-6.0	30	50 30	30	30	30	30
Chloroethane	++++ -9.6	++++ -10.6	16.1	-9.3	17.7	-4.3	30	30	50	30	30	30
Isopentane	++++ -12.8	21.6 -15.4	12.7	-10.8	14.2	-9.6	30	50 30	30	30	30	30
Bromoethene (Vinyl Bromide)	++++ -11.7	13.0 -11.8	12.7	-11.5	15.2	-6.0	30	50 30	30	30	30	30
Trichlorofluoromethane	++++ -11.8	14.2 -13.9	12.2	-9.7	15.6	-6.6	30	50 30	30	30	30	30
n-Pentane	++++ -10.2	++++ -13.6	20.0	-7.8	17.6	-6.0	30	30	50	30	30	30
Ethanol	++++ -13.8	37.2 -16.1	-1.3	-14.5	17.5	-9.0	30	50 30	30	30	30	30

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington Job No.: 200-76025-1 Analy Batch No.: 211118

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2024 15:08 Calibration End Date: 11/17/2024 22:53 Calibration ID: 53921

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Ethyl ether	+++++ -11.4	11.7 -12.2	12.8	-10.1	15.2	-6.0	30	50 30	30	30	30	30
Acrolein	+++++ -4.9	+++++ -5.9	+++++	-7.1	18.4	-0.5	30	30		50	30	30
1,1-Dichloroethene	32.7 -17.1	16.4 -17.6	9.0	-17.8	7.1	-12.7	50 30	30 30	30	30	30	30
Freon TF	+++++ -12.2	13.9 -12.9	13.3	-10.3	14.9	-6.6	30	50 30	30	30	30	30
Acetone	+++++ -7.9	+++++ -11.5	+++++	-1.9	24.4	-3.0	30	30		50	30	30
Isopropyl alcohol	+++++ -6.9	+++++ -10.3	+++++	-6.2	25.2	-1.7	30	30		50	30	30
Carbon disulfide	+++++ -10.1	+++++ -13.6	16.3	-7.2	18.4	-3.8	30	30	50	30	30	30
Acetonitrile	+++++ -6.8	+++++ -8.3	+++++	-4.0	21.3	-2.1	30	30		50	30	30
3-Chloropropene	+++++ -12.4	20.1 -15.3	11.6	-11.2	14.5	-7.3	30	50 30	30	30	30	30
Methylene Chloride	+++++ -10.3	+++++ -12.3	19.0	-8.3	17.2	-5.3	30	30	50	30	30	30
tert-Butyl alcohol	+++++ -6.6	+++++ -9.8	+++++	-6.5	24.3	-1.3	30	30		50	30	30
Acrylonitrile	+++++ -6.7	+++++ -8.0	5.1	-7.1	19.0	-2.2	30	30	50	30	30	30
trans-1,2-Dichloroethene	23.6 -14.7	10.5 -17.1	8.9	-12.6	11.5	-10.1	50 30	30 30	30	30	30	30
Methyl tert-butyl ether	+++++ -11.9	14.8 -14.6	12.4	-10.0	15.7	-6.5	30	50 30	30	30	30	30
n-Hexane	+++++ -12.8	16.9 -15.3	16.6	-11.8	14.5	-8.0	30	50 30	30	30	30	30
1,1-Dichloroethane	23.4 -15.4	11.2 -18.1	10.0	-12.7	11.8	-10.1	50 30	30 30	30	30	30	30
Vinyl acetate	+++++ -3.4	+++++ -5.1	+++++	-10.7	19.2	0.0	30	30		50	30	30
Methyl Ethyl Ketone (2-Butanone)	+++++ -9.2	+++++ -9.5	12.7	-8.8	18.8	-4.0	30	30	50	30	30	30
cis-1,2-Dichloroethene	23.9 -15.8	13.9 -16.1	8.7	-14.6	10.1	-10.1	50 30	30 30	30	30	30	30
Ethyl acetate	+++++ -7.0	+++++ -6.5	+++++	-5.7	20.7	-1.5	30	30		50	30	30
Tetrahydrofuran	+++++ -6.1	+++++ -7.7	+++++	-6.2	22.1	-2.0	30	30		50	30	30

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington Job No.: 200-76025-1 Analy Batch No.: 211118

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2024 15:08 Calibration End Date: 11/17/2024 22:53 Calibration ID: 53921

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Chloroform	++++ -12.0	16.2 -13.8	12.1	-10.8	15.2	-7.0	30	50 30	30	30	30	30
1,1,1-Trichloroethane	++++ -11.1	10.8 -11.7	12.5	-10.0	16.1	-6.5	30	50 30	30	30	30	30
Cyclohexane	++++ -10.9	11.3 -10.7	10.3	-10.6	16.3	-5.6	30	50 30	30	30	30	30
Carbon tetrachloride	28.0 -14.5	8.7 -14.2	4.6	-14.0	11.0	-9.5	50 30	30	30	30	30	30
Benzene	++++ -11.8	14.0 -14.3	12.7	-10.1	16.0	-6.4	30	50 30	30	30	30	30
1,2-Dichloroethane	++++ -11.1	12.2 -11.9	11.2	-9.5	15.7	-6.6	30	50 30	30	30	30	30
2,2,4-Trimethylpentane	++++ -12.2	13.1 -16.5	14.6	-8.7	16.5	-6.7	30	50 30	30	30	30	30
n-Heptane	++++ -12.7	19.1 -15.6	12.9	-10.3	14.9	-8.3	30	50 30	30	30	30	30
n-Butanol	++++ -7.8	++++ -6.6	++++	-5.0	22.3	-2.8	30	30		50	30	30
Trichloroethene	19.8 -12.9	6.9 -12.3	5.3	-12.3	13.5	-7.9	50 30	30 30	30	30	30	30
1,2-Dichloropropane	++++ -11.2	12.4 -12.7	12.4	-10.9	16.1	-6.1	30	50 30	30	30	30	30
Methyl methacrylate	++++ -7.7	++++ -7.7	6.1	-8.4	20.1	-2.3	30	30	50	30	30	30
1,4-Dioxane	++++ -12.3	17.5 -12.2	6.1	-13.0	20.2	-6.2	30	50 30	30	30	30	30
Dibromomethane	++++ -12.8	17.0 -10.6	12.4	-10.8	12.7	-7.8	30	50 30	30	30	30	30
Bromodichloromethane	++++ -9.8	5.3 -10.6	12.4	-9.6	17.0	-4.8	30	50 30	30	30	30	30
cis-1,3-Dichloropropene	++++ -9.3	8.4 -10.2	7.8	-9.6	17.4	-4.4	30	50 30	30	30	30	30
4-Methyl-2-pentanone (Methyl isobutyl ketone)	++++ -8.9	++++ -12.0	10.6	-5.7	20.0	-3.9	30	30	50	30	30	30
Toluene	++++ -11.3	14.3 -12.4	11.4	-11.0	13.7	-4.8	30	50 30	30	30	30	30
n-Octane	++++ -13.1	15.1 -17.5	15.2	-8.9	16.7	-7.6	30	50 30	30	30	30	30
trans-1,3-Dichloropropene	++++ -9.7	10.7 -10.5	8.7	-10.0	15.9	-5.2	30	50 30	30	30	30	30
1,1,2-Trichloroethane	++++ -9.5	5.5 -8.6	10.9	-10.0	14.8	-3.1	30	50 30	30	30	30	30

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington Job No.: 200-76025-1 Analy Batch No.: 211118

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2024 15:08 Calibration End Date: 11/17/2024 22:53 Calibration ID: 53921

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Tetrachloroethene	27.0 -13.9	8.8 -12.0	4.6	-15.9	9.1	-7.8	50 30	30 30	30	30	30	30
Methyl Butyl Ketone (2-Hexanone)	++++ -7.2	++++ -10.4	6.7	-6.0	18.0	-1.1	30	30	50	30	30	30
Dibromochloromethane	++++ -5.2	-3.5 -5.2	7.0	-11.1	16.8	1.2	30	50 30	30	30	30	30
1,2-Dibromoethane	++++ -9.5	9.3 -9.1	9.0	-10.5	14.1	-3.2	30	50 30	30	30	30	30
Chlorobenzene	++++ -11.4	14.9 -12.5	11.0	-11.4	14.2	-4.8	30	50 30	30	30	30	30
Ethylbenzene	++++ -12.0	14.4 -17.2	13.8	-9.6	15.5	-4.7	30	50 30	30	30	30	30
m,p-Xylene	++++ -11.3	14.0 -12.6	12.1	-11.6	14.1	-4.6	30	50 30	30	30	30	30
n-Nonane	++++ -13.4	15.8 -16.5	16.3	-10.5	14.6	-6.3	30	50 30	30	30	30	30
o-Xylene	++++ -11.5	14.5 -11.4	10.2	-11.9	14.7	-4.7	30	50 30	30	30	30	30
Styrene	++++ -10.8	11.6 -13.1	11.0	-10.3	15.4	-3.8	30	50 30	30	30	30	30
Bromoform	++++ 5.6	-30.3 6.1	3.1	-14.0	17.3	12.3	30	50 30	30	30	30	30
Cumene	++++ -13.2	17.6 -20.2	15.1	-9.5	15.9	-5.7	30	50 30	30	30	30	30
1,1,2,2-Tetrachloroethane	++++ -11.4	16.4 -15.1	12.0	-11.7	14.8	-4.8	30	50 30	30	30	30	30
1,2,3-Trichloropropane	++++ -9.0	++++ -11.1	14.0	-9.1	17.5	-2.2	30	30	50	30	30	30
n-Propylbenzene	++++ -13.8	18.9 -25.7	16.0	-7.4	17.3	-5.4	30	50 30	30	30	30	30
2-Chlorotoluene	++++ -12.2	14.3 -16.2	13.0	-9.6	15.6	-4.8	30	50 30	30	30	30	30
4-Ethyltoluene	++++ -12.5	15.1 -21.6	14.7	-8.4	16.9	-4.2	30	50 30	30	30	30	30
1,3,5-Trimethylbenzene	++++ -12.4	17.8 -18.7	12.4	-9.9	15.8	-4.9	30	50 30	30	30	30	30
n-Decane	++++ -10.9	++++ -18.1	19.3	-5.8	18.9	-3.4	30	30	50	30	30	30
Alpha Methyl Styrene	++++ -9.8	11.7 -12.0	8.2	-11.3	16.4	-3.2	30	50 30	30	30	30	30
tert-Butylbenzene	++++ -12.1	16.8 -17.7	12.7	-10.0	15.6	-5.2	30	50 30	30	30	30	30

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington Job No.: 200-76025-1 Analy Batch No.: 211118

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2024 15:08 Calibration End Date: 11/17/2024 22:53 Calibration ID: 53921

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
1,2,4-Trimethylbenzene	++++ -13.0	20.1 -19.9	12.2	-10.0	16.3	-5.9	30	50 30	30	30	30	30
sec-Butylbenzene	++++ -14.0	18.6 -26.7	17.5	-7.3	17.4	-5.5	30	50 30	30	30	30	30
1,3-Dichlorobenzene	++++ -9.9	16.0 -13.3	6.9	-11.6	15.1	-3.3	30	50 30	30	30	30	30
4-Isopropyltoluene	++++ -13.1	21.1 -23.1	13.5	-9.0	15.9	-5.2	30	50 30	30	30	30	30
1,4-Dichlorobenzene	++++ -8.5	10.9 -12.2	7.1	-10.8	15.8	-2.3	30	50 30	30	30	30	30
Benzyl chloride	++++ -9.1	15.3 -15.7	3.9	-9.5	17.0	-2.0	30	50 30	30	30	30	30
n-Butylbenzene	++++ -12.3	18.6 -23.6	12.1	-8.3	18.2	-4.5	30	50 30	30	30	30	30
1,2-Dichlorobenzene	++++ -11.1	18.9 -13.6	7.5	-11.6	14.4	-4.6	30	50 30	30	30	30	30
n-Undecane	++++ -6.0	++++ -15.1	++++	-6.7	25.9	2.0	30	30		50	30	30
n-Dodecane	++++ 1.5	++++ -8.6	++++	-33.2	32.1 *	8.2	30	30		50	30	30
1,2,4-Trichlorobenzene	++++ 2.9	++++ 4.8	-18.0	-22.0	24.6	7.7	30	30	50	30	30	30
Hexachlorobutadiene	++++ -9.0	16.1 -5.9	2.3	-14.1	14.3	-3.7	30	50 30	30	30	30	30
Naphthalene	++++ 8.2	-3.3 0.2	-28.7	-32.7 *	39.8 *	16.5	30	50 30	30	30	30	30
1,2,3-Trichlorobenzene	++++ 1.9	++++ 3.5	-16.0	-23.0	25.9	7.6	30	30	50	30	30	30

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_004.D
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 17-Nov-2024 15:08:22 ALS Bottle#: 0 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0063017-004
 Operator ID: wrd Instrument ID: CHAN.i
 Sublist: chrom-TO15_TO3_Master_Method_AN*sub1
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 18-Nov-2024 09:27:53 Calib Date: 17-Nov-2024 22:53:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1654

First Level Reviewer: BKZ7

Date: 18-Nov-2024 06:10:16

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	4.358	4.358	0.000	87	6536	0.0351	0.0849	
2 Dichlorodifluoromethane	85	4.460	4.454	0.006	83	10414	0.0351	0.0451	
3 Chlorodifluoromethane	51	4.502	4.497	0.005	96	7021	0.0351	0.0473	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.823	4.818	0.005	96	10986	0.0351	0.0421	
5 Chloromethane	50	4.936	4.936	0.000	97	5176	0.0351	0.0558	
6 Vinyl chloride	62	5.230	5.235	-0.005	77	5821	0.0351	0.0511	
7 Butane	43	5.235	5.235	0.000	85	25380	0.0351	0.1856	
8 Butadiene	54	5.353	5.348	0.005	84	4148	0.0351	0.0500	M
9 Bromomethane	94	6.070	6.075	-0.005	84	5054	0.0351	0.0542	
10 Chloroethane	64	6.348	6.343	0.005	38	2793	0.0351	0.0503	
12 2-Methylbutane	43	6.551	6.557	-0.006	92	6397	0.0351	0.0526	
13 Vinyl bromide	106	6.760	6.760	0.000	54	4147	0.0351	0.0459	
14 Trichlorofluoromethane	101	6.926	6.926	0.000	97	9270	0.0351	0.0433	
15 Pentane	43	7.145	7.135	0.010	93	10025	0.0351	0.0573	
16 Ethanol	45	7.333	7.290	0.042	98	6136	0.0702	0.1341	
18 Ethyl ether	59	7.568	7.541	0.027	42	3726	0.0351	0.0517	
19 Acrolein	56	7.798	7.776	0.022	27	1339	0.0411	0.0368	
20 1,1-Dichloroethene	96	7.985	7.985	0.000	96	4936	0.0351	0.0465	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.028	8.028	0.000	93	9271	0.0351	0.0459	
22 Acetone	43	8.087	8.049	0.038	73	8747	0.0351	0.0685	
23 Isopropyl alcohol	45	8.381	8.344	0.037	62	7394	0.0407	0.0517	
24 Carbon disulfide	76	8.392	8.386	0.006	100	13092	0.0351	0.0459	
25 Acetonitrile	41	8.509	8.547	-0.038	56	1331	0.0351	0.0189	
26 3-Chloro-1-propene	41	8.670	8.675	-0.005	57	6042	0.0351	0.0496	
27 Methylene Chloride	49	8.905	8.900	0.005	93	7290	0.0351	0.0684	
28 2-Methyl-2-propanol	59	9.135	9.109	0.026	98	8191	0.0351	0.0440	
29 Acrylonitrile	53	9.285	9.290	-0.005	1	131	0.0351	0.001909	
30 trans-1,2-Dichloroethene	61	9.403	9.403	0.000	95	6124	0.0351	0.0434	
31 Methyl tert-butyl ether	73	9.435	9.414	0.021	94	12215	0.0351	0.0467	
32 Hexane	57	9.922	9.922	0.000	87	6025	0.0351	0.0389	
33 1,1-Dichloroethane	63	10.163	10.162	0.001	98	7917	0.0351	0.0433	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.189	10.168	0.021	44	5661	0.0400	0.0309	
S 35 1,2-Dichloroethene, Total	61				0		0.0702	0.0868	
36 2-Butanone (MEK)	72	11.163	11.125	0.038	83	2394	0.0351	0.0464	
37 cis-1,2-Dichloroethene	96	11.152	11.158	-0.006	91	4954	0.0351	0.0435	
38 Ethyl acetate	88	11.232	11.216	0.016	54	516	0.0351	0.0594	
* 39 Chlorobromomethane	128	11.564	11.564	0.000	91	673324	10.0	10.0	
40 Tetrahydrofuran	42	11.591	11.607	-0.016	29	565	0.0351	0.005479	
41 Chloroform	83	11.746	11.741	0.005	95	5097	0.0351	0.0257	
42 1,1,1-Trichloroethane	97	12.062	12.056	0.006	97	4876	0.0351	0.0260	
43 Cyclohexane	84	12.206	12.201	0.005	50	2788	0.0351	0.0207	
44 Carbon tetrachloride	117	12.335	12.335	0.001	95	8706	0.0351	0.0449	
45 Benzene	78	12.672	12.677	-0.005	95	15211	0.0351	0.0481	
46 1,2-Dichloroethane	62		12.741				ND	ND	
47 Isooctane	57	12.902	12.907	-0.005	98	21975	0.0351	0.0447	
48 n-Heptane	43	13.207	13.212	-0.005	91	7603	0.0351	0.0428	
* 49 1,4-Difluorobenzene	114	13.405	13.404	0.000	94	3250332	10.0	10.0	
50 n-Butanol	56	13.560	13.618	-0.058	28	615	0.0351	0.008038	
51 Trichloroethene	95	13.838	13.843	-0.005	96	5920	0.0351	0.0420	
53 1,2-Dichloropropane	63	14.287	14.287	0.000	80	5565	0.0351	0.0454	
54 Methyl methacrylate	69		14.378				ND	ND	
55 1,4-Dioxane	88	14.458	14.421	0.037	54	3410	0.0351	0.0503	
57 Dibromomethane	174	14.453	14.448	0.005	93	6375	0.0351	0.0527	
58 Dichlorobromomethane	83	14.758	14.753	0.005	97	7856	0.0351	0.0365	
59 cis-1,3-Dichloropropene	75	15.560	15.555	0.005	89	9074	0.0351	0.0445	
61 4-Methyl-2-pentanone (MIBK)	43	15.839	15.817	0.022	94	10061	0.0351	0.0453	
A 63 Toluene Range	1	16.200	(16.122-16.277)		0	35569	NC	NC	
62 Toluene	92	16.213	16.202	0.011	92	10833	0.0351	0.0502	
64 n-Octane	43	16.465	16.459	0.006	91	11651	0.0351	0.0473	
A 65 C8 Range	1	16.465	(16.390-16.539)		0	53499	NC	NC	
66 trans-1,3-Dichloropropene	75	16.620	16.604	0.016	94	6673	0.0351	0.0423	
67 1,1,2-Trichloroethane	83		16.978				ND	ND	
68 Tetrachloroethene	166	17.192	17.197	-0.005	97	7534	0.0351	0.0446	
69 2-Hexanone	43	17.422	17.390	0.032	69	5281	0.0351	0.0261	
70 Chlorodibromomethane	129	17.722	17.716	0.006	95	7443	0.0351	0.0362	
71 Ethylene Dibromide	107	17.957	17.957	0.000	99	9061	0.0351	0.0455	
* 73 Chlorobenzene-d5	117	18.872	18.872	0.000	86	2747624	10.0	10.0	
74 Chlorobenzene	112	18.931	18.936	-0.005	96	13538	0.0351	0.0474	
75 Ethylbenzene	91	19.129	19.129	0.000	98	21953	0.0351	0.0472	
76 m-Xylene & p-Xylene	106	19.391	19.391	0.000	0	16387	0.0702	0.0917	
77 n-Nonane	57	19.455	19.460	-0.005	93	12152	0.0351	0.0522	
S 80 Xylenes, Total	106				0		0.1052	0.1375	
78 o-Xylene	106	20.161	20.161	0.000	96	8016	0.0351	0.0459	
79 Styrene	104	20.199	20.193	0.006	97	13452	0.0351	0.0463	
81 Bromoform	173	20.525	20.525	0.000	94	5040	0.0351	0.0288	
82 Isopropylbenzene	105	20.851	20.846	0.005	99	23703	0.0351	0.0468	
83 1,1,2,2-Tetrachloroethane	83	21.349	21.349	0.000	95	14536	0.0351	0.0479	
84 1,2,3-Trichloropropane	75	21.451	21.451	0.000	98	10318	0.0351	0.0479	
85 N-Propylbenzene	91	21.558	21.558	0.000	99	28584	0.0351	0.0463	
86 2-Chlorotoluene	91	21.702	21.702	0.000	96	17400	0.0351	0.0459	
87 4-Ethyltoluene	105	21.756	21.750	0.006	98	21557	0.0351	0.0444	
88 1,3,5-Trimethylbenzene	105	21.846	21.846	0.000	92	18609	0.0351	0.0458	
89 n-Decane	57	21.884	21.884	0.000	92	14400	0.0351	0.0503	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.173	22.167	0.006	87	10410	0.0351	0.0462	
91 tert-Butylbenzene	119	22.323	22.328	-0.005	93	18845	0.0351	0.0487	
92 1,2,4-Trimethylbenzene	105	22.414	22.413	0.001	97	19196	0.0351	0.0469	
93 sec-Butylbenzene	105	22.644	22.649	-0.005	99	28695	0.0351	0.0476	
94 1,3-Dichlorobenzene	146	22.820	22.820	0.000	95	12562	0.0351	0.0446	
95 4-Isopropyltoluene	119	22.863	22.863	0.000	97	23680	0.0351	0.0473	
96 1,4-Dichlorobenzene	146	22.959	22.959	0.000	93	12185	0.0351	0.0440	
97 Benzyl chloride	91	23.104	23.098	0.006	98	15259	0.0351	0.0391	
98 n-Butylbenzene	91	23.414	23.414	0.000	98	22250	0.0351	0.0436	
99 1,2-Dichlorobenzene	146	23.451	23.446	0.005	95	12494	0.0351	0.0460	
100 Undecane	57	23.569	23.569	0.000	95	14804	0.0351	0.0482	
101 Dodecane	57	25.158	25.158	0.000	98	12583	0.0351	0.0426	
102 1,2,4-Trichlorobenzene	180	25.896	25.896	0.000	89	6947	0.0411	0.0376	
103 Hexachlorobutadiene	225	26.153	26.148	0.005	95	8885	0.0394	0.0529	
104 Naphthalene	128	26.378	26.372	0.006	99	17453	0.0417	0.0435	
105 1,2,3-Trichlorobenzene	180	26.784	26.790	-0.006	94	8882	0.0409	0.0505	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL1w_00272

Amount Added: 35.00

Units: mL

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 18-Nov-2024 09:27:53

Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_004.D

Injection Date: 17-Nov-2024 15:08:22

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: IC

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

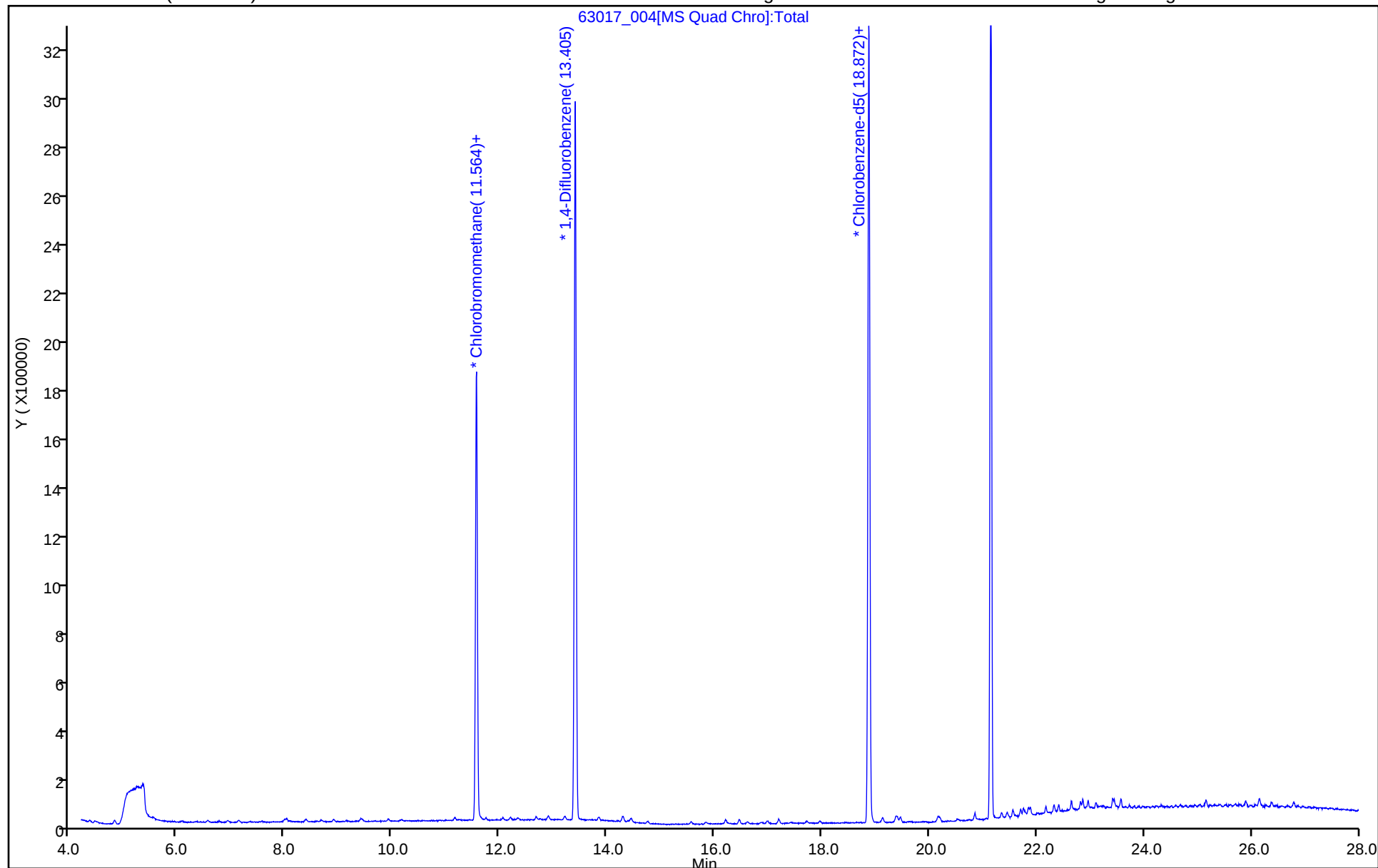
ALS Bottle#: 0

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington

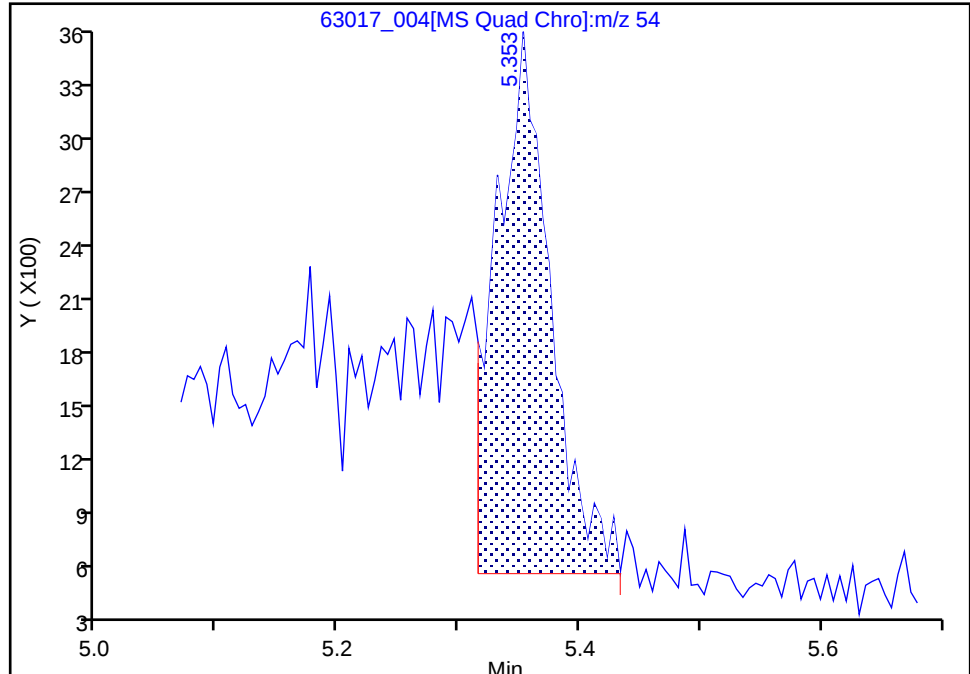
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Injection Date: 17-Nov-2024 15:08:22 Instrument ID: CHAN.i
Lims ID: IC
Client ID:
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

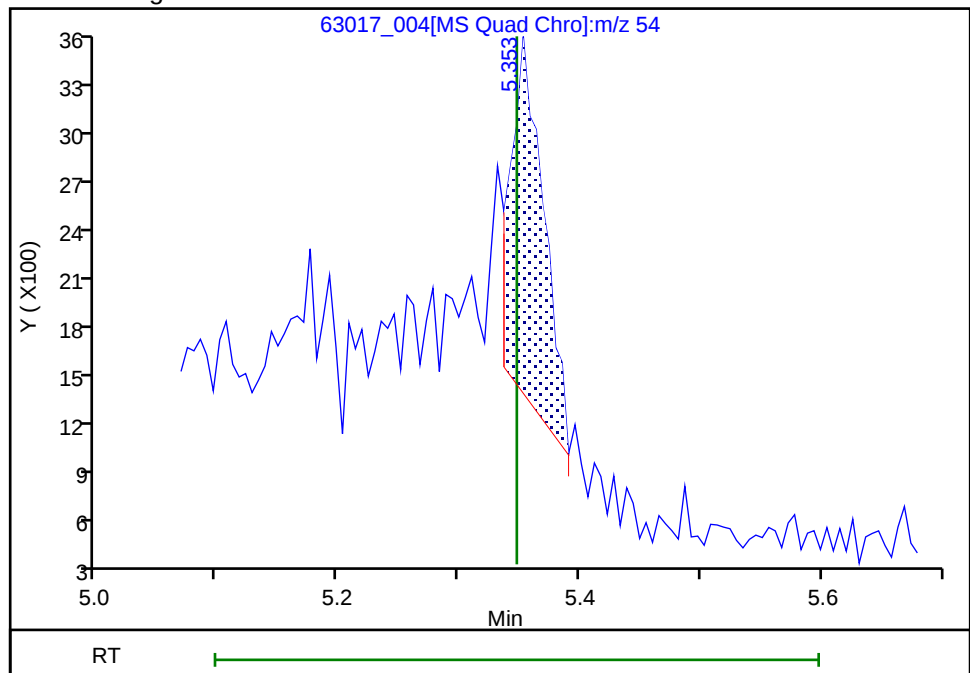
RT: 5.35
Area: 9357
Amount: 0.119996
Amount Units: ppb v/v

Processing Integration Results



RT: 5.35
Area: 4148
Amount: 0.049969
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 18-Nov-2024 06:54:19 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_005.D
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 17-Nov-2024 16:00:33 ALS Bottle#: 0 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0063017-005
 Operator ID: wrd Instrument ID: CHAN.i
 Sublist: chrom-TO15_TO3_Master_Method_AN*sub1
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 18-Nov-2024 09:27:57 Calib Date: 17-Nov-2024 22:53:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1654

First Level Reviewer: BKZ7

Date: 18-Nov-2024 06:13:23

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	4.364	4.358	0.006	99	17963	0.1704	0.2409	
2 Dichlorodifluoromethane	85	4.460	4.454	0.006	99	44092	0.1704	0.1971	
3 Chlorodifluoromethane	51	4.503	4.497	0.006	97	28421	0.1704	0.1977	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.818	4.818	0.000	97	49176	0.1704	0.1944	
5 Chloromethane	50	4.936	4.936	0.000	99	19127	0.1704	0.2128	
6 Vinyl chloride	62	5.230	5.235	-0.005	78	20675	0.1704	0.1875	
7 Butane	43	5.236	5.235	0.001	99	26551	0.1704	0.2005	M
8 Butadiene	54	5.348	5.348	0.000	95	15780	0.1704	0.1963	M
9 Bromomethane	94	6.081	6.075	0.006	98	17446	0.1704	0.1932	
10 Chloroethane	64	6.343	6.343	0.000	99	10843	0.1704	0.2016	
12 2-Methylbutane	43	6.563	6.557	0.006	92	24414	0.1704	0.2072	
13 Vinyl bromide	106	6.766	6.760	0.006	99	16864	0.1704	0.1926	
14 Trichlorofluoromethane	101	6.932	6.926	0.006	99	40305	0.1704	0.1945	
15 Pentane	43	7.130	7.135	-0.005	96	34750	0.1704	0.2051	
16 Ethanol	45	7.328	7.290	0.038	96	20728	0.3408	0.4677	
18 Ethyl ether	59	7.568	7.541	0.027	94	13286	0.1704	0.1903	
19 Acrolein	56	7.798	7.776	0.022	92	8427	0.1995	0.2392	
20 1,1-Dichloroethene	96	7.991	7.985	0.006	97	20376	0.1704	0.1983	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.028	8.028	0.000	95	37967	0.1704	0.1940	
22 Acetone	43	8.087	8.049	0.038	97	32852	0.1704	0.2657	
23 Isopropyl alcohol	45	8.371	8.344	0.027	98	34585	0.1975	0.2497	
24 Carbon disulfide	76	8.387	8.386	0.001	100	54376	0.1704	0.1968	
25 Acetonitrile	41	8.574	8.547	0.027	99	14329	0.1704	0.2100	
26 3-Chloro-1-propene	41	8.670	8.675	-0.005	95	24144	0.1704	0.2047	
27 Methylene Chloride	49	8.895	8.900	-0.005	94	22119	0.1704	0.2143	
28 2-Methyl-2-propanol	59	9.136	9.109	0.027	100	36452	0.1704	0.2023	
29 Acrylonitrile	53	9.312	9.290	0.022	97	12641	0.1704	0.1902	
30 trans-1,2-Dichloroethene	61	9.398	9.403	-0.005	99	25749	0.1704	0.1882	
31 Methyl tert-butyl ether	73	9.435	9.414	0.021	98	49554	0.1704	0.1956	
32 Hexane	57	9.922	9.922	0.000	91	29912	0.1704	0.1992	
33 1,1-Dichloroethane	63	10.163	10.162	0.001	99	33565	0.1704	0.1894	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.190	10.168	0.022	100	29326	0.1941	0.1653	
S 35 1,2-Dichloroethene, Total	61				0		0.3407	0.3824	
36 2-Butanone (MEK)	72	11.153	11.125	0.028	98	9831	0.1704	0.1969	
37 cis-1,2-Dichloroethene	96	11.158	11.158	0.000	91	21424	0.1704	0.1941	
38 Ethyl acetate	88	11.233	11.216	0.017	100	1874	0.1704	0.2227	
* 39 Chlorobromomethane	128	11.565	11.564	0.001	91	652110	10.0	10.0	
40 Tetrahydrofuran	42	11.634	11.607	0.027	95	18612	0.1704	0.1858	
41 Chloroform	83	11.741	11.741	0.000	94	38019	0.1704	0.1980	
42 1,1,1-Trichloroethane	97	12.051	12.056	-0.005	99	34391	0.1704	0.1887	
43 Cyclohexane	84	12.201	12.201	0.000	97	24827	0.1704	0.1896	
44 Carbon tetrachloride	117	12.335	12.335	0.001	98	34884	0.1704	0.1852	
45 Benzene	78	12.677	12.677	0.000	96	59691	0.1704	0.1943	
46 1,2-Dichloroethane	62	12.742	12.741	0.001	94	21771	0.1704	0.1911	
47 Isooctane	57	12.902	12.907	-0.005	99	91954	0.1704	0.1926	
48 n-Heptane	43	13.207	13.212	-0.005	92	35017	0.1704	0.2030	
* 49 1,4-Difluorobenzene	114	13.405	13.404	0.001	94	3158013	10.0	10.0	
50 n-Butanol	56	13.635	13.618	0.017	86	13403	0.1704	0.1803	
51 Trichloroethene	95	13.838	13.843	-0.005	96	24923	0.1704	0.1821	
53 1,2-Dichloropropane	63	14.298	14.287	0.011	80	22809	0.1704	0.1915	
54 Methyl methacrylate	69	14.384	14.378	0.006	97	20167	0.1704	0.1823	
55 1,4-Dioxane	88	14.437	14.421	0.016	68	13194	0.1704	0.2001	
57 Dibromomethane	174	14.448	14.448	0.000	96	23437	0.1704	0.1993	
58 Dichlorobromomethane	83	14.753	14.753	0.000	98	37548	0.1704	0.1794	
59 cis-1,3-Dichloropropene	75	15.561	15.555	0.006	90	36645	0.1704	0.1848	
61 4-Methyl-2-pentanone (MIBK)	43	15.839	15.817	0.022	95	39702	0.1704	0.1839	
A 63 Toluene Range	1	16.200	(16.122-16.277)		0	164858	NC	NC	
62 Toluene	92	16.203	16.202	0.001	94	41280	0.1704	0.1948	
64 n-Octane	43	16.454	16.459	-0.005	92	46973	0.1704	0.1961	
A 65 C8 Range	1	16.465	(16.390-16.539)		0	183933	NC	NC	
66 trans-1,3-Dichloropropene	75	16.609	16.604	0.005	94	28924	0.1704	0.1886	
67 1,1,2-Trichloroethane	83	16.984	16.978	0.006	94	19910	0.1704	0.1798	
68 Tetrachloroethene	166	17.198	17.197	0.001	97	30779	0.1704	0.1854	
69 2-Hexanone	43	17.407	17.390	0.016	96	34748	0.1704	0.1750	
70 Chlorodibromomethane	129	17.717	17.716	0.001	97	33204	0.1704	0.1644	
71 Ethylene Dibromide	107	17.958	17.957	0.001	98	36393	0.1704	0.1862	
* 73 Chlorobenzene-d5	117	18.872	18.872	0.000	86	2697280	10.0	10.0	
74 Chlorobenzene	112	18.931	18.936	-0.005	96	54861	0.1704	0.1957	
75 Ethylbenzene	91	19.124	19.129	-0.005	98	88992	0.1704	0.1949	
76 m-Xylene & p-Xylene	106	19.386	19.391	-0.005	0	68174	0.3407	0.3884	
77 n-Nonane	57	19.461	19.460	0.001	89	45117	0.1704	0.1973	
S 80 Xylenes, Total	106				0		0.5111	0.5835	
78 o-Xylene	106	20.162	20.161	0.001	98	33460	0.1704	0.1951	
79 Styrene	104	20.199	20.193	0.006	97	54159	0.1704	0.1901	
81 Bromoform	173	20.525	20.525	0.000	94	20365	0.1704	0.1187	
82 Isopropylbenzene	105	20.846	20.846	0.000	99	99648	0.1704	0.2004	
83 1,1,2,2-Tetrachloroethane	83	21.349	21.349	0.000	97	59078	0.1704	0.1983	
84 1,2,3-Trichloropropane	75	21.446	21.451	-0.005	99	43431	0.1704	0.2055	
85 N-Propylbenzene	91	21.558	21.558	0.000	99	122704	0.1704	0.2026	
86 2-Chlorotoluene	91	21.697	21.702	-0.005	96	72464	0.1704	0.1947	
87 4-Ethyltoluene	105	21.751	21.750	0.001	99	93557	0.1704	0.1961	
88 1,3,5-Trimethylbenzene	105	21.847	21.846	0.001	94	80035	0.1704	0.2007	
89 n-Decane	57	21.879	21.884	-0.005	91	60513	0.1704	0.2153	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.173	22.167	0.006	90	42148	0.1704	0.1903	
91 tert-Butylbenzene	119	22.323	22.328	-0.005	93	75491	0.1704	0.1989	
92 1,2,4-Trimethylbenzene	105	22.409	22.413	-0.004	98	82229	0.1704	0.2046	
93 sec-Butylbenzene	105	22.644	22.649	-0.005	99	119655	0.1704	0.2021	
94 1,3-Dichlorobenzene	146	22.815	22.820	-0.005	98	54689	0.1704	0.1977	
95 4-Isopropyltoluene	119	22.863	22.863	0.000	97	101432	0.1704	0.2063	
96 1,4-Dichlorobenzene	146	22.954	22.959	-0.005	94	51411	0.1704	0.1889	
97 Benzyl chloride	91	23.099	23.098	0.001	99	75300	0.1704	0.1965	
98 n-Butylbenzene	91	23.420	23.414	0.006	98	101254	0.1704	0.2020	
99 1,2-Dichlorobenzene	146	23.446	23.446	0.000	95	53971	0.1704	0.2025	
100 Undecane	57	23.569	23.569	0.000	96	64343	0.1704	0.2135	
101 Dodecane	57	25.158	25.158	0.000	97	54110	0.1704	0.1865	
102 1,2,4-Trichlorobenzene	180	25.902	25.896	0.006	94	33591	0.1998	0.1851	
103 Hexachlorobutadiene	225	26.148	26.148	0.000	96	36655	0.1915	0.2223	
104 Naphthalene	128	26.378	26.372	0.006	99	77148	0.2026	0.1960	
105 1,2,3-Trichlorobenzene	180	26.790	26.790	0.000	93	37823	0.1985	0.2192	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL1w_00272

Amount Added: 170.00

Units: mL

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_005.D

Injection Date: 17-Nov-2024 16:00:33

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: ic

Worklist Smp#: 5

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

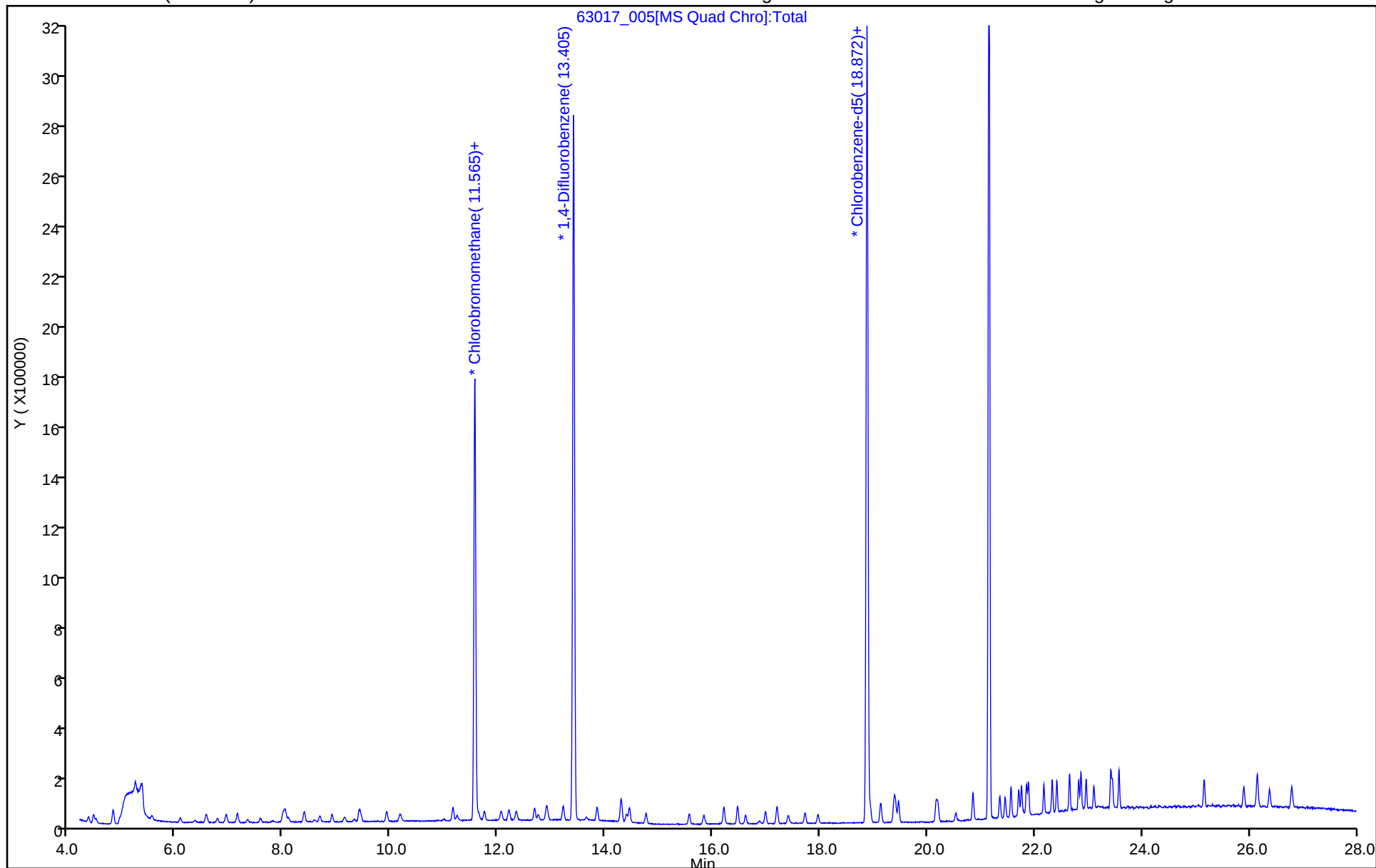
ALS Bottle#: 0

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington

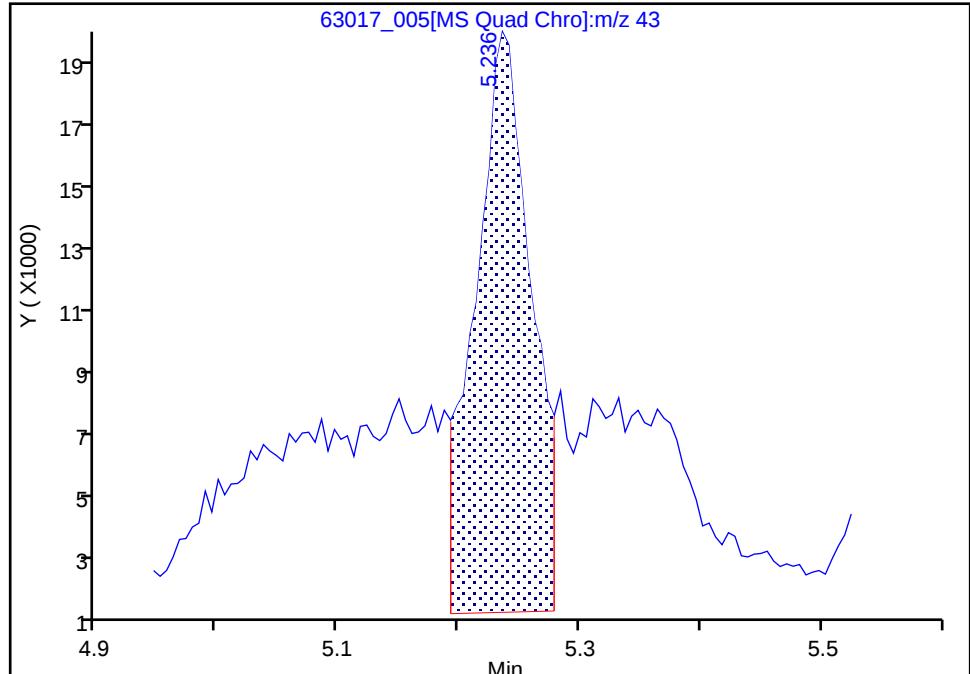
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Injection Date: 17-Nov-2024 16:00:33 Instrument ID: CHAN.i
Lims ID: ic
Client ID:
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

7 Butane, CAS: 106-97-8

Signal: 1

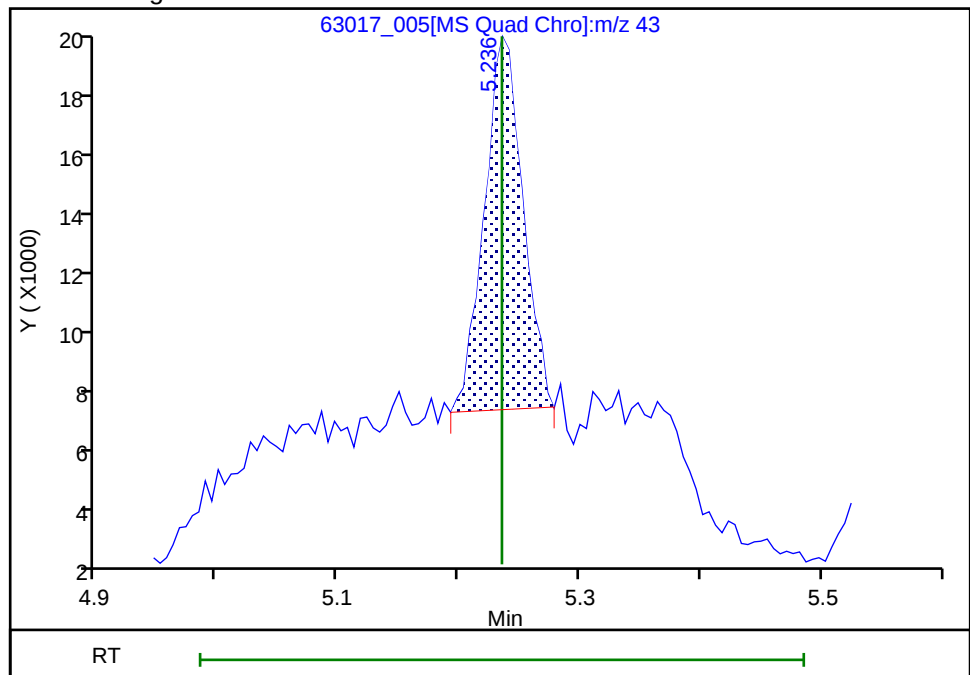
RT: 5.24
Area: 59702
Amount: 0.334678
Amount Units: ppb v/v

Processing Integration Results



RT: 5.24
Area: 26551
Amount: 0.200529
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 18-Nov-2024 06:12:35 -05:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Burlington

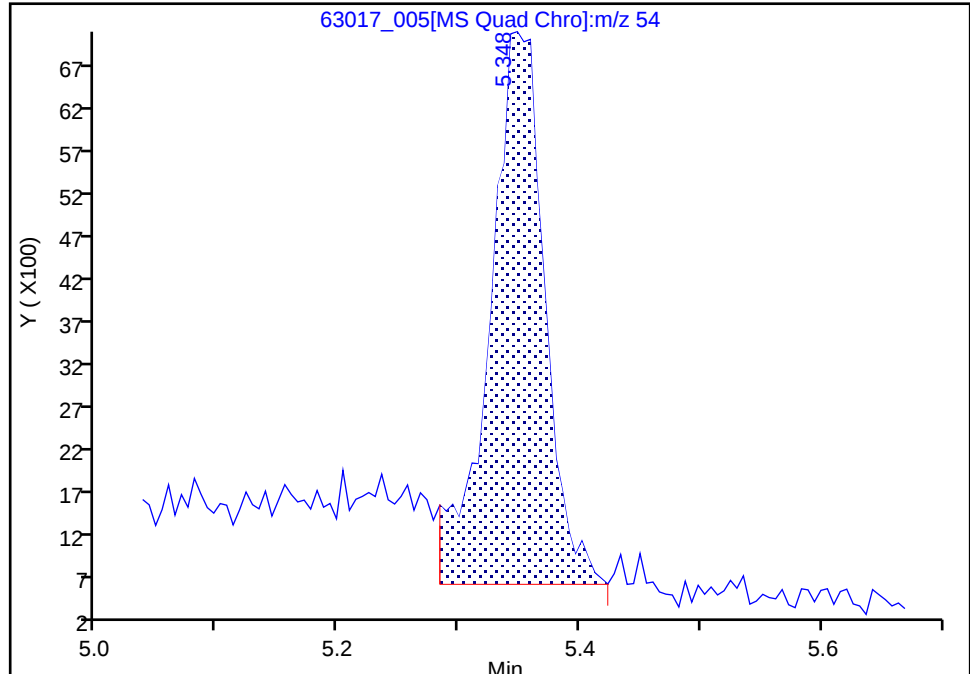
Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_005.D
Injection Date: 17-Nov-2024 16:00:33 Instrument ID: CHAN.i
Lims ID: ic
Client ID:
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

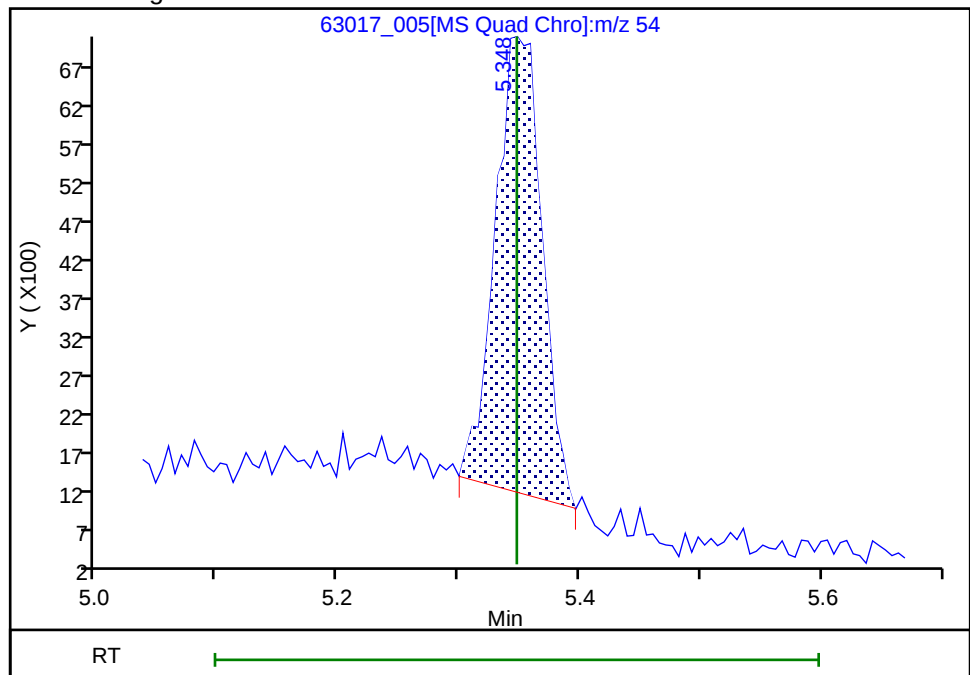
RT: 5.35
Area: 20333
Amount: 0.248157
Amount Units: ppb v/v

Processing Integration Results



RT: 5.35
Area: 15780
Amount: 0.196276
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 18-Nov-2024 06:12:44 -05:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_006.D
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 17-Nov-2024 16:52:03 ALS Bottle#: 0 Worklist Smp#: 6
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0063017-006
 Operator ID: wrd Instrument ID: CHAN.i
 Sublist: chrom-TO15_TO3_Master_Method_AN*sub1
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 18-Nov-2024 09:28:01 Calib Date: 17-Nov-2024 22:53:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1654

First Level Reviewer: BKZ7

Date: 18-Nov-2024 06:14:19

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	4.358	4.358	0.000	96	43620	0.4244	0.5472	
2 Dichlorodifluoromethane	85	4.455	4.454	0.001	99	117369	0.4244	0.4907	
3 Chlorodifluoromethane	51	4.503	4.497	0.006	97	76778	0.4244	0.4995	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.819	4.818	0.001	96	128632	0.4244	0.4756	
5 Chloromethane	50	4.936	4.936	0.000	99	48307	0.4244	0.5028	
6 Vinyl chloride	62	5.230	5.235	-0.005	83	53955	0.4244	0.4577	
7 Butane	43	5.236	5.235	0.001	98	64616	0.4244	0.4565	M
8 Butadiene	54	5.343	5.348	-0.005	97	39068	0.4244	0.4545	M
9 Bromomethane	94	6.070	6.075	-0.005	99	45701	0.4244	0.4733	
10 Chloroethane	64	6.338	6.343	-0.005	99	28329	0.4244	0.4928	
12 2-Methylbutane	43	6.557	6.557	0.000	92	60226	0.4244	0.4782	
13 Vinyl bromide	106	6.760	6.760	0.000	98	44769	0.4244	0.4782	
14 Trichlorofluoromethane	101	6.926	6.926	0.000	99	105470	0.4244	0.4762	
15 Pentane	43	7.135	7.135	0.000	96	92238	0.4244	0.5093	
16 Ethanol	45	7.317	7.290	0.027	98	39699	0.8493	0.8379	
18 Ethyl ether	59	7.563	7.541	0.022	92	35719	0.4244	0.4785	
19 Acrolein	56	7.793	7.776	0.017	95	19034	0.4969	0.5054	
20 1,1-Dichloroethene	96	7.986	7.985	0.001	96	50815	0.4244	0.4627	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.023	8.028	-0.005	95	100542	0.4244	0.4806	
22 Acetone	43	8.077	8.049	0.028	97	67320	0.4244	0.5092	
23 Isopropyl alcohol	45	8.365	8.344	0.021	99	81016	0.4918	0.5470	
24 Carbon disulfide	76	8.387	8.386	0.001	100	145801	0.4244	0.4936	
25 Acetonitrile	41	8.563	8.547	0.016	100	34956	0.4244	0.4792	
26 3-Chloro-1-propene	41	8.676	8.675	0.001	93	59716	0.4244	0.4735	
27 Methylene Chloride	49	8.900	8.900	0.000	92	55736	0.4244	0.5051	
28 2-Methyl-2-propanol	59	9.130	9.109	0.021	100	94112	0.4244	0.4886	
29 Acrylonitrile	53	9.307	9.290	0.017	96	31680	0.4244	0.4459	
30 trans-1,2-Dichloroethene	61	9.403	9.403	0.000	99	67603	0.4244	0.4622	
31 Methyl tert-butyl ether	73	9.430	9.414	0.016	98	129250	0.4244	0.4771	
32 Hexane	57	9.922	9.922	0.000	92	79407	0.4244	0.4946	
33 1,1-Dichloroethane	63	10.158	10.162	-0.004	100	88417	0.4244	0.4667	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.179	10.168	0.011	100	68469	0.4834	0.3609	
S 35 1,2-Dichloroethene, Total	61				0		0.8487	0.9235	
36 2-Butanone (MEK)	72	11.147	11.125	0.022	99	25526	0.4244	0.4781	
37 cis-1,2-Dichloroethene	96	11.153	11.158	-0.005	92	54418	0.4244	0.4612	
38 Ethyl acetate	88	11.228	11.216	0.012	99	4613	0.4244	0.5128	
* 39 Chlorobromomethane	128	11.565	11.564	0.001	92	697173	10.0	10.0	
40 Tetrahydrofuran	42	11.629	11.607	0.022	92	55736	0.4244	0.5200	
41 Chloroform	83	11.741	11.741	0.000	95	97705	0.4244	0.4759	
42 1,1,1-Trichloroethane	97	12.057	12.056	0.001	98	93031	0.4244	0.4772	
43 Cyclohexane	84	12.201	12.201	0.000	98	65570	0.4244	0.4681	
44 Carbon tetrachloride	117	12.335	12.335	0.001	98	89455	0.4244	0.4438	
45 Benzene	78	12.677	12.677	0.000	95	157229	0.4244	0.4783	
46 1,2-Dichloroethane	62	12.747	12.741	0.006	94	57498	0.4244	0.4718	
47 Isooctane	57	12.902	12.907	-0.005	99	248279	0.4244	0.4861	
48 n-Heptane	43	13.207	13.212	-0.005	92	88443	0.4244	0.4791	
* 49 1,4-Difluorobenzene	114	13.405	13.404	0.001	94	3378724	10.0	10.0	
50 n-Butanol	56	13.630	13.618	0.012	85	34918	0.4244	0.4390	
51 Trichloroethene	95	13.838	13.843	-0.005	97	65465	0.4244	0.4470	
53 1,2-Dichloropropane	63	14.288	14.287	0.001	80	60746	0.4244	0.4768	
54 Methyl methacrylate	69	14.389	14.378	0.011	99	53300	0.4244	0.4502	
55 1,4-Dioxane	88	14.437	14.421	0.016	62	31750	0.4244	0.4501	
57 Dibromomethane	174	14.443	14.448	-0.005	97	59997	0.4244	0.4769	
58 Dichlorobromomethane	83	14.753	14.753	0.000	97	106773	0.4244	0.4769	
59 cis-1,3-Dichloropropene	75	15.556	15.555	0.001	90	97059	0.4244	0.4574	
61 4-Methyl-2-pentanone (MIBK)	43	15.828	15.817	0.011	95	108422	0.4244	0.4693	
A 63 Toluene Range	1	16.200	(16.122-16.277)		0	458139	NC	NC	
62 Toluene	92	16.203	16.202	0.001	93	109031	0.4244	0.4726	
64 n-Octane	43	16.460	16.459	0.001	92	125343	0.4244	0.4891	
A 65 C8 Range	1	16.465	(16.390-16.539)		0	469938	NC	NC	
66 trans-1,3-Dichloropropene	75	16.609	16.604	0.005	95	75667	0.4244	0.4612	
67 1,1,2-Trichloroethane	83	16.979	16.978	0.001	95	56735	0.4244	0.4706	
68 Tetrachloroethene	166	17.198	17.197	0.001	97	80222	0.4244	0.4439	
69 2-Hexanone	43	17.396	17.390	0.006	95	97923	0.4244	0.4529	
70 Chlorodibromomethane	129	17.717	17.716	0.001	98	99847	0.4244	0.4541	
71 Ethylene Dibromide	107	17.958	17.957	0.001	98	98426	0.4244	0.4626	
* 73 Chlorobenzene-d5	117	18.872	18.872	0.000	86	2936337	10.0	10.0	
74 Chlorobenzene	112	18.937	18.936	0.001	95	143771	0.4244	0.4712	
75 Ethylbenzene	91	19.129	19.129	0.000	98	240005	0.4244	0.4828	
76 m-Xylene & p-Xylene	106	19.391	19.391	0.000	0	181833	0.8487	0.9517	
77 n-Nonane	57	19.456	19.460	-0.004	90	122846	0.4244	0.4935	
S 80 Xylenes, Total	106				0		1.27	1.42	
78 o-Xylene	106	20.162	20.161	0.001	98	87356	0.4244	0.4678	
79 Styrene	104	20.194	20.193	0.001	98	146192	0.4244	0.4713	
81 Bromoform	173	20.525	20.525	0.000	96	81739	0.4244	0.4375	
82 Isopropylbenzene	105	20.846	20.846	0.000	99	264527	0.4244	0.4886	
83 1,1,2,2-Tetrachloroethane	83	21.349	21.349	0.000	97	154190	0.4244	0.4753	
84 1,2,3-Trichloropropane	75	21.446	21.451	-0.005	99	111296	0.4244	0.4838	
85 N-Propylbenzene	91	21.558	21.558	0.000	99	324471	0.4244	0.4922	
86 2-Chlorotoluene	91	21.702	21.702	0.000	96	194357	0.4244	0.4796	
87 4-Ethyltoluene	105	21.751	21.750	0.001	99	252734	0.4244	0.4867	
88 1,3,5-Trimethylbenzene	105	21.847	21.846	0.001	93	206986	0.4244	0.4768	
89 n-Decane	57	21.884	21.884	0.000	90	154879	0.4244	0.5062	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.168	22.167	0.001	87	110697	0.4244	0.4592	
91 tert-Butylbenzene	119	22.328	22.328	0.000	93	197656	0.4244	0.4784	
92 1,2,4-Trimethylbenzene	105	22.409	22.413	-0.004	98	208320	0.4244	0.4762	
93 sec-Butylbenzene	105	22.649	22.649	0.000	99	321226	0.4244	0.4984	
94 1,3-Dichlorobenzene	146	22.821	22.820	0.001	98	136630	0.4244	0.4537	
95 4-Isopropyltoluene	119	22.863	22.863	0.000	97	257722	0.4244	0.4815	
96 1,4-Dichlorobenzene	146	22.954	22.959	-0.005	94	134622	0.4244	0.4545	
97 Benzyl chloride	91	23.099	23.098	0.001	99	183972	0.4244	0.4410	
98 n-Butylbenzene	91	23.414	23.414	0.000	98	259504	0.4244	0.4756	
99 1,2-Dichlorobenzene	146	23.446	23.446	0.000	96	132369	0.4244	0.4563	
100 Undecane	57	23.569	23.569	0.000	96	160475	0.4244	0.4890	
101 Dodecane	57	25.158	25.158	0.000	97	109202	0.4244	0.3458	
102 1,2,4-Trichlorobenzene	180	25.897	25.896	0.001	93	80657	0.4978	0.4082	
103 Hexachlorobutadiene	225	26.143	26.148	-0.005	97	87583	0.4770	0.4880	
104 Naphthalene	128	26.373	26.372	0.001	99	154273	0.5046	0.3600	
105 1,2,3-Trichlorobenzene	180	26.790	26.790	0.000	95	78031	0.4944	0.4154	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL3w_00282

Amount Added: 17.00

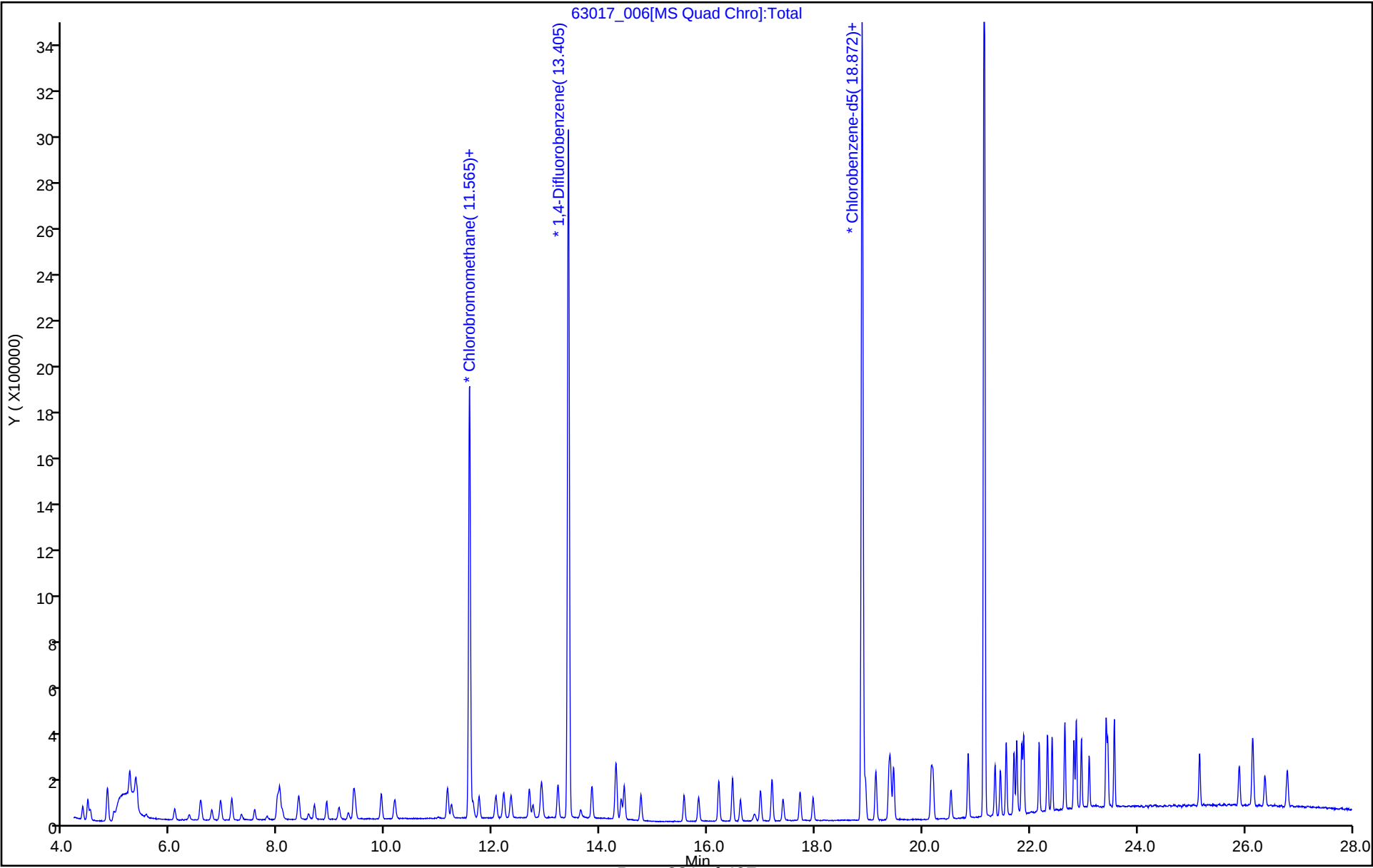
Units: mL

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent



Eurofins Burlington

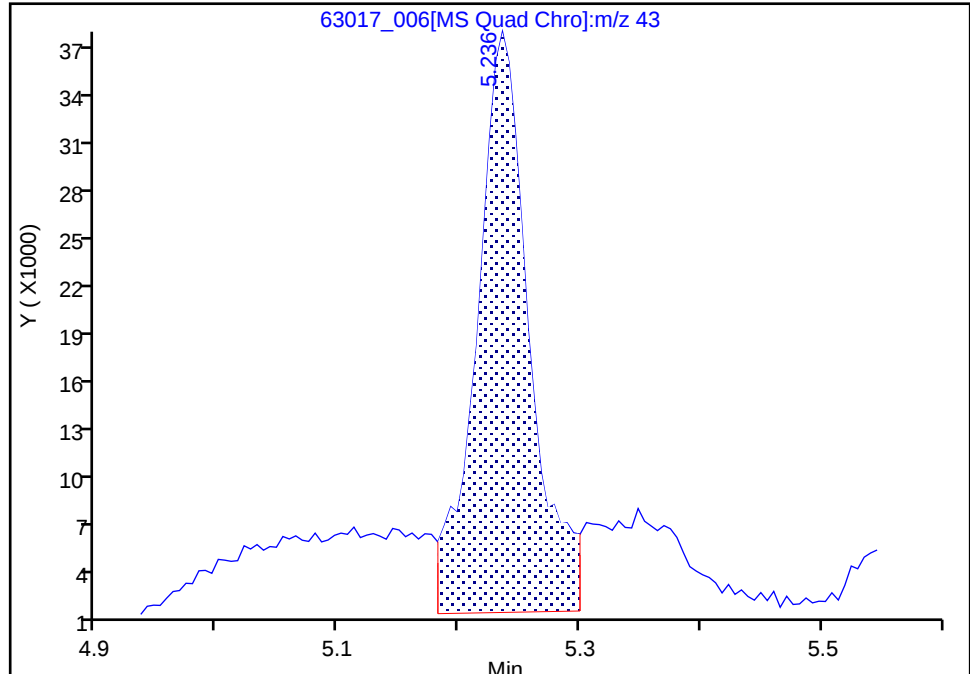
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Injection Date: 17-Nov-2024 16:52:03 Instrument ID: CHAN.i
Lims ID: ic
Client ID:
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

7 Butane, CAS: 106-97-8

Signal: 1

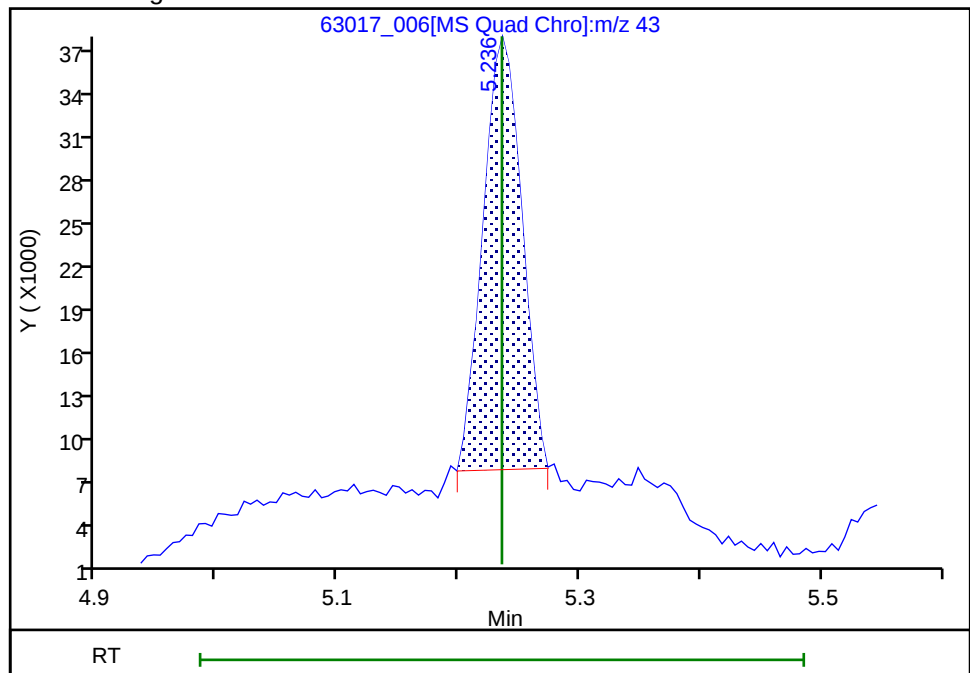
RT: 5.24
Area: 108330
Amount: 0.672875
Amount Units: ppb v/v

Processing Integration Results



RT: 5.24
Area: 64616
Amount: 0.456474
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 18-Nov-2024 06:13:56 -05:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Burlington

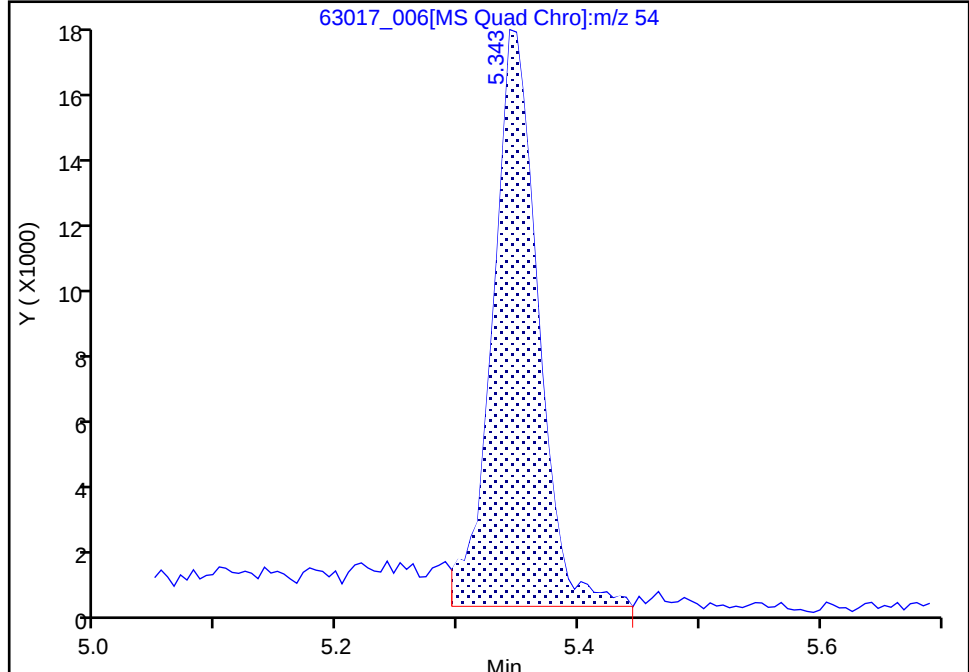
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Injection Date: 17-Nov-2024 16:52:03 Instrument ID: CHAN.i
Lims ID: ic
Client ID:
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

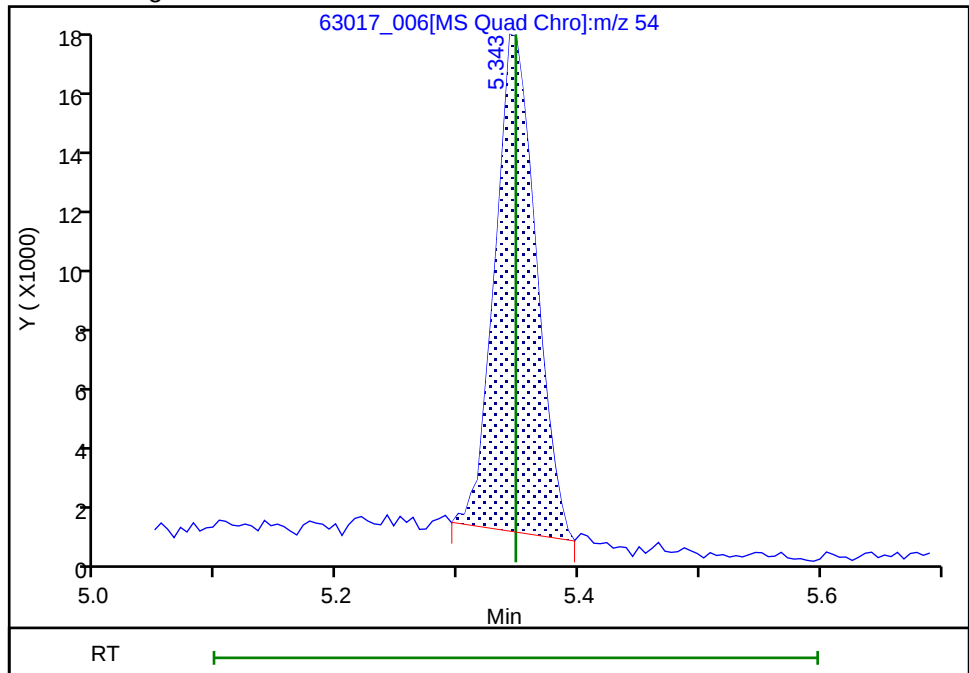
RT: 5.34
Area: 45510
Amount: 0.544920
Amount Units: ppb v/v

Processing Integration Results



RT: 5.34
Area: 39068
Amount: 0.454530
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 18-Nov-2024 06:14:06 -05:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_007.D
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 17-Nov-2024 17:43:31 ALS Bottle#: 0 Worklist Smp#: 7
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0063017-007
 Operator ID: wrd Instrument ID: CHAN.i
 Sublist: chrom-TO15_TO3_Master_Method_AN*sub1
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 18-Nov-2024 09:28:05 Calib Date: 17-Nov-2024 22:53:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1654

First Level Reviewer: BKZ7

Date: 18-Nov-2024 06:14:58

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	4.358	4.358	0.000	98	337597	4.24	4.10	
2 Dichlorodifluoromethane	85	4.455	4.454	0.001	99	976817	4.24	3.95	
3 Chlorodifluoromethane	51	4.497	4.497	0.000	97	629603	4.24	3.97	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.818	4.818	0.000	97	1078759	4.24	3.86	
5 Chloromethane	50	4.936	4.936	0.000	99	390726	4.24	3.94	
6 Vinyl chloride	62	5.230	5.235	-0.005	100	429025	4.24	3.52	
7 Butane	43	5.236	5.235	0.001	98	584483	4.24	4.00	
8 Butadiene	54	5.348	5.348	0.000	91	313209	4.24	3.53	
9 Bromomethane	94	6.070	6.075	-0.005	99	379322	4.24	3.80	
10 Chloroethane	64	6.343	6.343	0.000	99	228470	4.24	3.85	
12 2-Methylbutane	43	6.557	6.557	0.000	93	492148	4.24	3.78	
13 Vinyl bromide	106	6.766	6.760	0.006	99	363163	4.24	3.76	
14 Trichlorofluoromethane	101	6.926	6.926	0.000	98	876406	4.24	3.83	
15 Pentane	43	7.135	7.135	0.000	96	732241	4.24	3.91	
16 Ethanol	45	7.295	7.290	0.005	97	355526	8.49	7.27	
18 Ethyl ether	59	7.547	7.541	0.006	94	294233	4.24	3.82	
19 Acrolein	56	7.777	7.776	0.001	96	179595	4.97	4.62	
20 1,1-Dichloroethene	96	7.985	7.985	0.000	97	395864	4.24	3.49	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.028	8.028	0.000	95	822059	4.24	3.80	
22 Acetone	43	8.060	8.049	0.011	97	568294	4.24	4.16	
23 Isopropyl alcohol	45	8.349	8.344	0.005	100	705377	4.92	4.61	
24 Carbon disulfide	76	8.387	8.386	0.001	99	1201716	4.24	3.94	
25 Acetonitrile	41	8.553	8.547	0.006	100	306794	4.24	4.07	
26 3-Chloro-1-propene	41	8.676	8.675	0.001	94	490715	4.24	3.77	
27 Methylene Chloride	49	8.900	8.900	0.000	93	443357	4.24	3.89	
28 2-Methyl-2-propanol	59	9.120	9.109	0.011	100	789268	4.24	3.97	
29 Acrylonitrile	53	9.296	9.290	0.006	95	289246	4.24	3.94	
30 trans-1,2-Dichloroethene	61	9.403	9.403	0.000	99	560133	4.24	3.71	
31 Methyl tert-butyl ether	73	9.414	9.414	0.000	97	1068246	4.24	3.82	
32 Hexane	57	9.922	9.922	0.000	91	620271	4.24	3.74	
33 1,1-Dichloroethane	63	10.163	10.162	0.001	99	724858	4.24	3.70	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.174	10.168	0.006	100	845281	4.83	4.31	
S 35 1,2-Dichloroethene, Total	61				0		8.49	7.33	
36 2-Butanone (MEK)	72	11.131	11.125	0.006	99	213413	4.24	3.87	
37 cis-1,2-Dichloroethene	96	11.158	11.158	0.000	91	441698	4.24	3.62	
38 Ethyl acetate	88	11.217	11.216	0.001	100	37170	4.24	4.00	
* 39 Chlorobromomethane	128	11.564	11.564	0.000	92	720059	10.0	10.0	
40 Tetrahydrofuran	42	11.613	11.607	0.006	92	437964	4.24	3.98	
41 Chloroform	83	11.741	11.741	0.000	96	802842	4.24	3.79	
42 1,1,1-Trichloroethane	97	12.051	12.056	-0.005	99	763920	4.24	3.82	
43 Cyclohexane	84	12.201	12.201	0.000	99	545202	4.24	3.79	
44 Carbon tetrachloride	117	12.335	12.335	0.001	98	754708	4.24	3.65	
45 Benzene	78	12.677	12.677	0.000	95	1286378	4.24	3.81	
46 1,2-Dichloroethane	62	12.741	12.741	0.000	94	480453	4.24	3.84	
47 Isooctane	57	12.902	12.907	-0.005	100	2029875	4.24	3.87	
48 n-Heptane	43	13.207	13.212	-0.005	92	720808	4.24	3.81	
* 49 1,4-Difluorobenzene	114	13.405	13.404	0.001	95	3467286	10.0	10.0	
50 n-Butanol	56	13.619	13.618	0.001	87	329066	4.24	4.03	
51 Trichloroethene	95	13.838	13.843	-0.005	97	559526	4.24	3.72	
53 1,2-Dichloropropane	63	14.293	14.287	0.006	89	494407	4.24	3.78	
54 Methyl methacrylate	69	14.378	14.378	0.000	98	472212	4.24	3.89	
55 1,4-Dioxane	88	14.427	14.421	0.006	91	267289	4.24	3.69	
57 Dibromomethane	174	14.443	14.448	-0.005	97	488475	4.24	3.78	
58 Dichlorobromomethane	83	14.753	14.753	0.000	98	881984	4.24	3.84	
59 cis-1,3-Dichloropropene	75	15.555	15.555	0.000	90	834942	4.24	3.83	
61 4-Methyl-2-pentanone (MIBK)	43	15.818	15.817	0.001	96	948352	4.24	4.00	
A 63 Toluene Range	1	16.206	(16.122-16.277)		0	3606123	NC	NC	
62 Toluene	92	16.203	16.202	0.001	93	914432	4.24	3.77	
64 n-Octane	43	16.460	16.459	0.001	91	1016585	4.24	3.87	
A 65 C8 Range	1	16.460	(16.390-16.539)		0	3870327	NC	NC	
66 trans-1,3-Dichloropropene	75	16.604	16.604	0.000	95	643105	4.24	3.82	
67 1,1,2-Trichloroethane	83	16.978	16.978	0.000	95	483314	4.24	3.82	
68 Tetrachloroethene	166	17.198	17.197	0.001	98	676999	4.24	3.57	
69 2-Hexanone	43	17.390	17.390	0.000	95	905325	4.24	3.99	
70 Chlorodibromomethane	129	17.717	17.716	0.001	98	871564	4.24	3.77	
71 Ethylene Dibromide	107	17.957	17.957	0.000	98	848135	4.24	3.80	
* 73 Chlorobenzene-d5	117	18.872	18.872	0.000	86	3083235	10.0	10.0	
74 Chlorobenzene	112	18.931	18.936	-0.005	95	1204859	4.24	3.76	
75 Ethylbenzene	91	19.124	19.129	-0.005	98	2001656	4.24	3.83	
76 m-Xylene & p-Xylene	106	19.386	19.391	-0.005	0	1504560	8.49	7.50	
77 n-Nonane	57	19.461	19.460	0.001	90	993031	4.24	3.80	
S 80 Xylenes, Total	106				0		12.7	11.2	
78 o-Xylene	106	20.162	20.161	0.001	98	732979	4.24	3.74	
79 Styrene	104	20.194	20.193	0.001	99	1240040	4.24	3.81	
81 Bromoform	173	20.525	20.525	0.000	96	715859	4.24	3.65	
82 Isopropylbenzene	105	20.846	20.846	0.000	99	2183965	4.24	3.84	
83 1,1,2,2-Tetrachloroethane	83	21.349	21.349	0.000	97	1275673	4.24	3.75	
84 1,2,3-Trichloropropane	75	21.446	21.451	-0.005	99	931565	4.24	3.86	
85 N-Propylbenzene	91	21.558	21.558	0.000	99	2721172	4.24	3.93	
86 2-Chlorotoluene	91	21.702	21.702	0.000	96	1633141	4.24	3.84	
87 4-Ethyltoluene	105	21.750	21.750	0.000	99	2118601	4.24	3.89	
88 1,3,5-Trimethylbenzene	105	21.841	21.846	-0.005	95	1743078	4.24	3.82	
89 n-Decane	57	21.879	21.884	-0.005	90	1284192	4.24	4.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.168	22.167	0.001	88	953038	4.24	3.77	
91 tert-Butylbenzene	119	22.323	22.328	-0.005	93	1656960	4.24	3.82	
92 1,2,4-Trimethylbenzene	105	22.408	22.413	-0.005	98	1755066	4.24	3.82	
93 sec-Butylbenzene	105	22.649	22.649	0.000	99	2662052	4.24	3.93	
94 1,3-Dichlorobenzene	146	22.815	22.820	-0.005	98	1186393	4.24	3.75	
95 4-Isopropyltoluene	119	22.858	22.863	-0.005	98	2171343	4.24	3.86	
96 1,4-Dichlorobenzene	146	22.954	22.959	-0.005	94	1177995	4.24	3.79	
97 Benzyl chloride	91	23.099	23.098	0.001	99	1682790	4.24	3.84	
98 n-Butylbenzene	91	23.414	23.414	0.000	98	2229426	4.24	3.89	
99 1,2-Dichlorobenzene	146	23.446	23.446	0.000	96	1142899	4.24	3.75	
100 Undecane	57	23.569	23.569	0.000	95	1363804	4.24	3.96	
101 Dodecane	57	25.158	25.158	0.000	97	940779	4.24	2.84	
102 1,2,4-Trichlorobenzene	180	25.897	25.896	0.001	94	805184	4.98	3.88	
103 Hexachlorobutadiene	225	26.148	26.148	0.000	98	772536	4.77	4.10	
104 Naphthalene	128	26.373	26.372	0.001	99	1528030	5.05	3.40	
105 1,2,3-Trichlorobenzene	180	26.790	26.790	0.000	96	751321	4.94	3.81	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL3w_00282

Amount Added: 170.00

Units: mL

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_007.D

Injection Date: 17-Nov-2024 17:43:31

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: IC

Worklist Smp#: 7

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

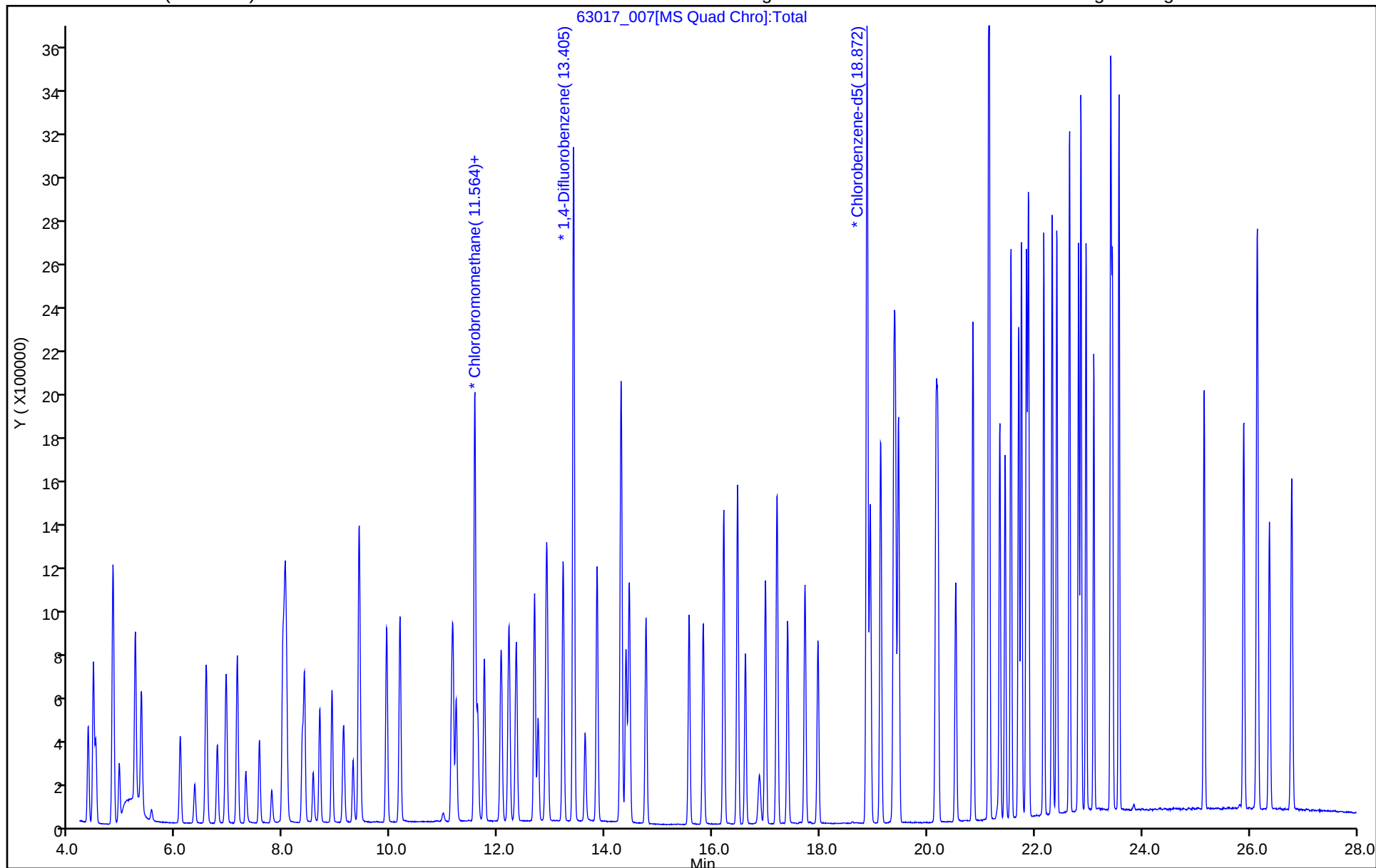
ALS Bottle#: 0

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_008.D
 Lims ID: ICIS
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 17-Nov-2024 18:35:19 ALS Bottle#: 0 Worklist Smp#: 8
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0063017-008
 Operator ID: wrd Instrument ID: CHAN.i
 Sublist: chrom-TO15_TO3_Master_Method_AN*sub1
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 18-Nov-2024 09:27:49 Calib Date: 17-Nov-2024 22:53:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1654

First Level Reviewer: BKZ7

Date: 18-Nov-2024 09:27:49

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	4.358	4.358	0.000	98	759558	10.0	12.3	
2 Dichlorodifluoromethane	85	4.454	4.454	0.000	99	2209870	10.0	11.9	
3 Chlorodifluoromethane	51	4.497	4.497	0.000	97	1410730	10.0	11.8	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.818	4.818	0.000	97	2431216	10.0	11.6	
5 Chloromethane	50	4.936	4.936	0.000	99	880582	10.0	11.8	
6 Vinyl chloride	62	5.235	5.235	0.000	100	971280	10.0	10.6	
7 Butane	43	5.235	5.235	0.000	99	1343468	10.0	12.2	
8 Butadiene	54	5.348	5.348	0.000	91	708720	10.0	10.6	
9 Bromomethane	94	6.075	6.075	0.000	99	861070	10.0	11.5	
10 Chloroethane	64	6.343	6.343	0.000	99	525446	10.0	11.8	
12 2-Methylbutane	43	6.557	6.557	0.000	93	1116843	10.0	11.4	
13 Vinyl bromide	106	6.760	6.760	0.000	100	837341	10.0	11.5	
14 Trichlorofluoromethane	101	6.926	6.926	0.000	98	1987966	10.0	11.6	
15 Pentane	43	7.135	7.135	0.000	96	1652671	10.0	11.8	
16 Ethanol	45	7.290	7.290	0.000	97	648707	15.0	17.6	
18 Ethyl ether	59	7.541	7.541	0.000	92	667486	10.0	11.5	
19 Acrolein	56	7.776	7.776	0.000	95	405244	11.7	13.9	
20 1,1-Dichloroethene	96	7.985	7.985	0.000	97	912816	10.0	10.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.028	8.028	0.000	95	1865429	10.0	11.5	
22 Acetone	43	8.049	8.049	0.000	97	1276583	10.0	12.4	
23 Isopropyl alcohol	45	8.344	8.344	0.000	99	1668522	11.6	14.5	
24 Carbon disulfide	76	8.386	8.386	0.000	99	2713535	10.0	11.8	
25 Acetonitrile	41	8.547	8.547	0.000	100	686624	10.0	12.1	
26 3-Chloro-1-propene	41	8.675	8.675	0.000	94	1120461	10.0	11.4	
27 Methylene Chloride	49	8.900	8.900	0.000	92	1004168	10.0	11.7	
28 2-Methyl-2-propanol	59	9.109	9.109	0.000	100	1857875	10.0	12.4	
29 Acrylonitrile	53	9.290	9.290	0.000	95	656048	10.0	11.9	
30 trans-1,2-Dichloroethene	61	9.403	9.403	0.000	99	1265787	10.0	11.1	
31 Methyl tert-butyl ether	73	9.414	9.414	0.000	97	2433539	10.0	11.6	
32 Hexane	57	9.922	9.922	0.000	91	1426434	10.0	11.4	
33 1,1-Dichloroethane	63	10.162	10.162	0.000	99	1643704	10.0	11.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.168	10.168	0.000	100	1999498	11.4	13.6	
S 35 1,2-Dichloroethene, Total	61				0		20.0	22.2	
36 2-Butanone (MEK)	72	11.125	11.125	0.000	99	492186	10.0	11.9	
37 cis-1,2-Dichloroethene	96	11.158	11.158	0.000	92	1008112	10.0	11.0	
38 Ethyl acetate	88	11.216	11.216	0.000	100	84293	10.0	12.1	
* 39 Chlorobromomethane	128	11.564	11.564	0.000	91	541262	10.0	10.0	
40 Tetrahydrofuran	42	11.607	11.607	0.000	93	1006004	10.0	12.2	
41 Chloroform	83	11.741	11.741	0.000	95	1836371	10.0	11.5	
42 1,1,1-Trichloroethane	97	12.056	12.056	0.000	98	1739558	10.0	11.6	
43 Cyclohexane	84	12.201	12.201	0.000	98	1252120	10.0	11.6	
44 Carbon tetrachloride	117	12.335	12.335	0.000	98	1719190	10.0	11.1	
45 Benzene	78	12.677	12.677	0.000	95	2929955	10.0	11.6	
46 1,2-Dichloroethane	62	12.741	12.741	0.000	94	1083199	10.0	11.6	
47 Isooctane	57	12.907	12.907	0.000	100	4572417	10.0	11.6	
48 n-Heptane	43	13.212	13.212	0.000	91	1629933	10.0	11.5	
* 49 1,4-Difluorobenzene	114	13.404	13.404	0.000	94	2597401	10.0	10.0	
50 n-Butanol	56	13.618	13.618	0.000	86	747357	10.0	12.2	
51 Trichloroethene	95	13.843	13.843	0.000	97	1277648	10.0	11.3	
53 1,2-Dichloropropane	63	14.287	14.287	0.000	87	1137041	10.0	11.6	
54 Methyl methacrylate	69	14.378	14.378	0.000	98	1092402	10.0	12.0	
55 1,4-Dioxane	88	14.421	14.421	0.000	93	651877	10.0	12.0	
57 Dibromomethane	174	14.448	14.448	0.000	97	1089283	10.0	11.3	
58 Dichlorobromomethane	83	14.753	14.753	0.000	98	2013901	10.0	11.7	
59 cis-1,3-Dichloropropene	75	15.555	15.555	0.000	90	1914896	10.0	11.7	
61 4-Methyl-2-pentanone (MIBK)	43	15.817	15.817	0.000	95	2130830	10.0	12.0	
A 63 Toluene Range	1	16.200	(16.122-16.277)		0	8196322	NC	NC	
62 Toluene	92	16.202	16.202	0.000	94	2085208	10.0	11.4	
64 n-Octane	43	16.459	16.459	0.000	91	2299802	10.0	11.7	
A 65 C8 Range	1	16.465	(16.390-16.539)		0	8783418	NC	NC	
66 trans-1,3-Dichloropropene	75	16.604	16.604	0.000	95	1461337	10.0	11.6	
67 1,1,2-Trichloroethane	83	16.978	16.978	0.000	95	1099741	10.0	11.5	
68 Tetrachloroethene	166	17.197	17.197	0.000	97	1567232	10.0	10.9	
69 2-Hexanone	43	17.390	17.390	0.000	96	2027720	10.0	11.8	
70 Chlorodibromomethane	129	17.716	17.716	0.000	98	2040412	10.0	11.7	
71 Ethylene Dibromide	107	17.957	17.957	0.000	98	1930046	10.0	11.4	
* 73 Chlorobenzene-d5	117	18.872	18.872	0.000	86	2333914	10.0	10.0	
74 Chlorobenzene	112	18.936	18.936	0.000	95	2768042	10.0	11.4	
75 Ethylbenzene	91	19.129	19.129	0.000	98	4561322	10.0	11.5	
76 m-Xylene & p-Xylene	106	19.391	19.391	0.000	0	3465217	20.0	22.8	
77 n-Nonane	57	19.460	19.460	0.000	89	2266064	10.0	11.5	
S 80 Xylenes, Total	106				0		30.0	34.3	
78 o-Xylene	106	20.161	20.161	0.000	99	1702795	10.0	11.5	
79 Styrene	104	20.193	20.193	0.000	98	2845144	10.0	11.5	
81 Bromoform	173	20.525	20.525	0.000	96	1740890	10.0	11.7	
82 Isopropylbenzene	105	20.846	20.846	0.000	98	4987639	10.0	11.6	
83 1,1,2,2-Tetrachloroethane	83	21.349	21.349	0.000	97	2958381	10.0	11.5	
84 1,2,3-Trichloropropane	75	21.451	21.451	0.000	99	2147335	10.0	11.7	
85 N-Propylbenzene	91	21.558	21.558	0.000	99	6143371	10.0	11.7	
86 2-Chlorotoluene	91	21.702	21.702	0.000	96	3721875	10.0	11.6	
87 4-Ethyltoluene	105	21.750	21.750	0.000	99	4822904	10.0	11.7	
88 1,3,5-Trimethylbenzene	105	21.846	21.846	0.000	93	3993995	10.0	11.6	
89 n-Decane	57	21.884	21.884	0.000	90	2890951	10.0	11.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.167	22.167	0.000	88	2229343	10.0	11.6	
91 tert-Butylbenzene	119	22.328	22.328	0.000	95	3795450	10.0	11.6	
92 1,2,4-Trimethylbenzene	105	22.413	22.413	0.000	98	4044545	10.0	11.6	
93 sec-Butylbenzene	105	22.649	22.649	0.000	99	6011248	10.0	11.7	
94 1,3-Dichlorobenzene	146	22.820	22.820	0.000	98	2754229	10.0	11.5	
95 4-Isopropyltoluene	119	22.863	22.863	0.000	97	4930294	10.0	11.6	
96 1,4-Dichlorobenzene	146	22.959	22.959	0.000	94	2724991	10.0	11.6	
97 Benzyl chloride	91	23.098	23.098	0.000	99	3878114	10.0	11.7	
98 n-Butylbenzene	91	23.414	23.414	0.000	99	5123729	10.0	11.8	
99 1,2-Dichlorobenzene	146	23.446	23.446	0.000	96	2637773	10.0	11.4	
100 Undecane	57	23.569	23.569	0.000	95	3282745	10.0	12.6	
101 Dodecane	57	25.158	25.158	0.000	97	3315079	10.0	13.2	
102 1,2,4-Trichlorobenzene	180	25.896	25.896	0.000	94	2294145	11.7	14.6	
103 Hexachlorobutadiene	225	26.148	26.148	0.000	98	1831967	11.2	12.8	
104 Naphthalene	128	26.372	26.372	0.000	99	5659938	11.9	16.6	
105 1,2,3-Trichlorobenzene	180	26.790	26.790	0.000	95	2189237	11.6	14.7	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL4w_00830

Amount Added: 200.00

Units: mL

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 18-Nov-2024 09:27:49

Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_008.D

Injection Date: 17-Nov-2024 18:35:19

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: ICIS

Worklist Smp#: 8

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

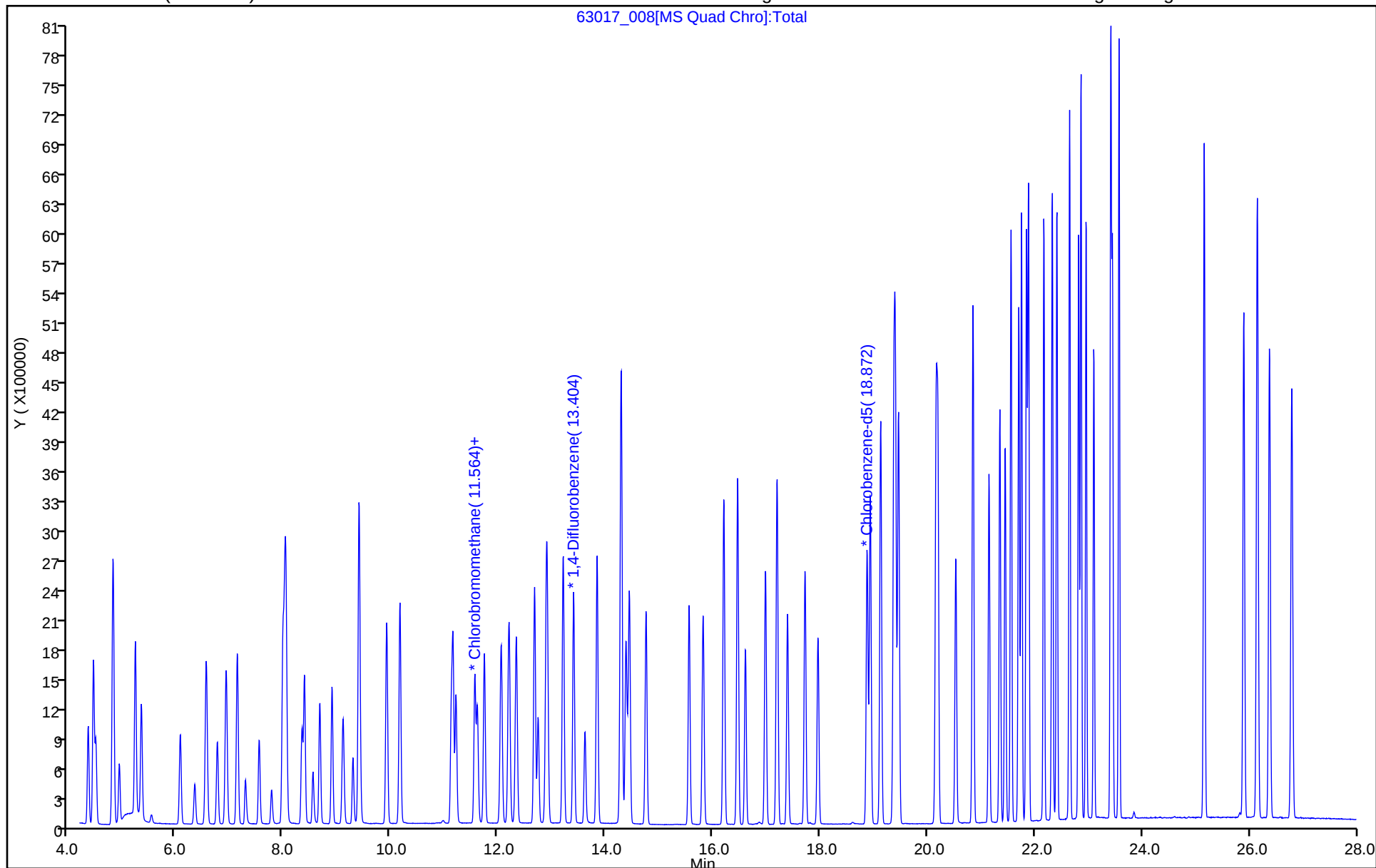
ALS Bottle#: 0

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_010.D
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 17-Nov-2024 20:18:36 ALS Bottle#: 0 Worklist Smp#: 10
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0063017-010
 Operator ID: wrd Instrument ID: CHAN.i
 Sublist: chrom-TO15_TO3_Master_Method_AN*sub1
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 18-Nov-2024 09:28:09 Calib Date: 17-Nov-2024 22:53:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1654

First Level Reviewer: BKZ7

Date: 18-Nov-2024 06:27:22

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	4.358	4.358	0.000	98	1173319	15.0	14.4	
2 Dichlorodifluoromethane	85	4.455	4.454	0.001	99	3477635	15.0	14.2	
3 Chlorodifluoromethane	51	4.497	4.497	0.000	97	2205703	15.0	14.1	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.818	4.818	0.000	97	3838952	15.0	13.9	
5 Chloromethane	50	4.936	4.936	0.000	99	1374252	15.0	14.0	
6 Vinyl chloride	62	5.230	5.235	-0.005	100	1555534	15.0	12.9	
7 Butane	43	5.236	5.235	0.001	99	2090402	15.0	14.5	
8 Butadiene	54	5.348	5.348	0.000	91	1129366	15.0	12.9	
9 Bromomethane	94	6.070	6.075	-0.005	99	1389197	15.0	14.1	
10 Chloroethane	64	6.343	6.343	0.000	99	841768	15.0	14.3	
12 2-Methylbutane	43	6.557	6.557	0.000	94	1743141	15.0	13.6	
13 Vinyl bromide	106	6.766	6.760	0.006	99	1347108	15.0	14.1	
14 Trichlorofluoromethane	101	6.926	6.926	0.000	99	3164676	15.0	14.0	
15 Pentane	43	7.135	7.135	0.000	96	2606738	15.0	14.1	
16 Ethanol	45	7.285	7.290	-0.005	98	1319142	30.0	27.3	
18 Ethyl ether	59	7.541	7.541	0.000	92	1073611	15.0	14.1	
19 Acrolein	56	7.771	7.776	-0.005	95	671689	17.6	17.5	
20 1,1-Dichloroethene	96	7.985	7.985	0.000	98	1467682	15.0	13.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.028	8.028	0.000	95	2991105	15.0	14.0	
22 Acetone	43	8.050	8.049	0.001	96	1961417	15.0	14.5	
23 Isopropyl alcohol	45	8.338	8.344	-0.006	99	2582133	17.4	17.1	
24 Carbon disulfide	76	8.387	8.386	0.001	98	4348431	15.0	14.4	
25 Acetonitrile	41	8.542	8.547	-0.005	99	1092529	15.0	14.7	
26 3-Chloro-1-propene	41	8.676	8.675	0.001	94	1789205	15.0	13.9	
27 Methylene Chloride	49	8.900	8.900	0.000	92	1599121	15.0	14.2	
28 2-Methyl-2-propanol	59	9.104	9.109	-0.005	100	2909637	15.0	14.8	
29 Acrylonitrile	53	9.291	9.290	0.001	95	1063737	15.0	14.7	
30 trans-1,2-Dichloroethene	61	9.403	9.403	0.000	99	2012352	15.0	13.5	
31 Methyl tert-butyl ether	73	9.408	9.414	-0.006	97	3876155	15.0	14.0	
32 Hexane	57	9.922	9.922	0.000	91	2260574	15.0	13.8	
33 1,1-Dichloroethane	63	10.163	10.162	0.001	100	2605017	15.0	13.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.168	10.168	0.000	100	3307779	17.1	17.1	
S 35 1,2-Dichloroethene, Total	61				0		30.0	27.0	
36 2-Butanone (MEK)	72	11.126	11.125	0.001	98	784657	15.0	14.4	
37 cis-1,2-Dichloroethene	96	11.158	11.158	0.000	93	1622348	15.0	13.5	
38 Ethyl acetate	88	11.206	11.216	-0.010	99	135605	15.0	14.8	
* 39 Chlorobromomethane	128	11.564	11.564	0.000	91	711408	10.0	10.0	
40 Tetrahydrofuran	42	11.607	11.607	0.000	92	1588087	15.0	14.7	
41 Chloroform	83	11.741	11.741	0.000	95	2921286	15.0	13.9	
42 1,1,1-Trichloroethane	97	12.057	12.056	0.001	98	2755354	15.0	14.0	
43 Cyclohexane	84	12.201	12.201	0.000	98	1999133	15.0	14.2	
44 Carbon tetrachloride	117	12.335	12.335	0.001	98	2758943	15.0	13.6	
45 Benzene	78	12.677	12.677	0.000	95	4653736	15.0	14.0	
46 1,2-Dichloroethane	62	12.741	12.741	0.000	94	1721664	15.0	14.0	
47 Isooctane	57	12.902	12.907	-0.005	99	7210115	15.0	14.0	
48 n-Heptane	43	13.212	13.212	0.000	90	2561048	15.0	13.8	
* 49 1,4-Difluorobenzene	114	13.405	13.404	0.001	94	3407519	10.0	10.0	
50 n-Butanol	56	13.613	13.618	-0.005	86	1168835	15.0	14.6	
51 Trichloroethene	95	13.843	13.843	0.000	97	2039206	15.0	13.8	
53 1,2-Dichloropropane	63	14.293	14.287	0.006	81	1808544	15.0	14.1	
54 Methyl methacrylate	69	14.378	14.378	0.000	98	1749281	15.0	14.7	
55 1,4-Dioxane	88	14.416	14.421	-0.005	93	1000803	15.0	14.1	
57 Dibromomethane	174	14.448	14.448	0.000	97	1754802	15.0	13.8	
58 Dichlorobromomethane	83	14.753	14.753	0.000	98	3225391	15.0	14.3	
59 cis-1,3-Dichloropropene	75	15.555	15.555	0.000	90	3068553	15.0	14.3	
61 4-Methyl-2-pentanone (MIBK)	43	15.817	15.817	0.000	95	3358836	15.0	14.4	
A 63 Toluene Range	1	16.200	(16.122-16.277)		0	12916169	NC	NC	
62 Toluene	92	16.203	16.202	0.001	94	3310986	15.0	14.3	
64 n-Octane	43	16.459	16.459	0.000	90	3582003	15.0	13.9	
A 65 C8 Range	1	16.465	(16.390-16.539)		0	13785757	NC	NC	
66 trans-1,3-Dichloropropene	75	16.609	16.604	0.005	95	2353015	15.0	14.2	
67 1,1,2-Trichloroethane	83	16.978	16.978	0.000	95	1761029	15.0	14.5	
68 Tetrachloroethene	166	17.198	17.197	0.001	98	2511508	15.0	13.8	
69 2-Hexanone	43	17.390	17.390	0.000	96	3221617	15.0	14.8	
70 Chlorodibromomethane	129	17.717	17.716	0.001	98	3353925	15.0	15.2	
71 Ethylene Dibromide	107	17.957	17.957	0.000	98	3104168	15.0	14.5	
* 73 Chlorobenzene-d5	117	18.872	18.872	0.000	86	2950908	10.0	10.0	
74 Chlorobenzene	112	18.936	18.936	0.000	95	4379895	15.0	14.3	
75 Ethylbenzene	91	19.129	19.129	0.000	98	7136990	15.0	14.3	
76 m-Xylene & p-Xylene	106	19.391	19.391	0.000	0	5491792	30.0	28.6	
77 n-Nonane	57	19.461	19.460	0.001	88	3514375	15.0	14.0	
S 80 Xylenes, Total	106				0		45.0	42.9	
78 o-Xylene	106	20.161	20.161	0.000	99	2683113	15.0	14.3	
79 Styrene	104	20.194	20.193	0.001	99	4496711	15.0	14.4	
81 Bromoform	173	20.525	20.525	0.000	96	3162062	15.0	16.8	
82 Isopropylbenzene	105	20.852	20.846	0.006	98	7693106	15.0	14.1	
83 1,1,2,2-Tetrachloroethane	83	21.349	21.349	0.000	97	4653877	15.0	14.3	
84 1,2,3-Trichloropropane	75	21.451	21.451	0.000	99	3389481	15.0	14.7	
85 N-Propylbenzene	91	21.558	21.558	0.000	99	9402689	15.0	14.2	
86 2-Chlorotoluene	91	21.702	21.702	0.000	97	5812067	15.0	14.3	
87 4-Ethyltoluene	105	21.750	21.750	0.000	98	7498769	15.0	14.4	
88 1,3,5-Trimethylbenzene	105	21.847	21.846	0.001	93	6221445	15.0	14.3	Ma
89 n-Decane	57	21.884	21.884	0.000	91	4456484	15.0	14.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.173	22.167	0.006	88	3515985	15.0	14.5	
91 tert-Butylbenzene	119	22.328	22.328	0.000	95	5900484	15.0	14.2	
92 1,2,4-Trimethylbenzene	105	22.414	22.413	0.001	97	6207465	15.0	14.1	
93 sec-Butylbenzene	105	22.649	22.649	0.000	98	9181712	15.0	14.2	
94 1,3-Dichlorobenzene	146	22.820	22.820	0.000	98	4390298	15.0	14.5	
95 4-Isopropyltoluene	119	22.863	22.863	0.000	97	7645216	15.0	14.2	
96 1,4-Dichlorobenzene	146	22.959	22.959	0.000	94	4363804	15.0	14.7	
97 Benzyl chloride	91	23.104	23.098	0.006	99	6164501	15.0	14.7	
98 n-Butylbenzene	91	23.420	23.414	0.006	100	7850479	15.0	14.3	
99 1,2-Dichlorobenzene	146	23.446	23.446	0.000	96	4172454	15.0	14.3	
100 Undecane	57	23.569	23.569	0.000	94	5042620	15.0	15.3	
101 Dodecane	57	25.158	25.158	0.000	97	5152072	15.0	16.2	
102 1,2,4-Trichlorobenzene	180	25.896	25.896	0.000	94	3762809	17.6	19.0	
103 Hexachlorobutadiene	225	26.148	26.148	0.000	98	2929069	16.9	16.2	
104 Naphthalene	128	26.373	26.372	0.001	99	8943286	17.8	20.8	
105 1,2,3-Trichlorobenzene	180	26.790	26.790	0.000	95	3549479	17.5	18.8	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Review Flags

a - User Assigned ID

Reagents:

ATTO15CAL6w_00238

Amount Added: 150.00

Units: mL

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 18-Nov-2024 09:28:09

Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_010.D

Injection Date: 17-Nov-2024 20:18:36

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: IC

Worklist Smp#: 10

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

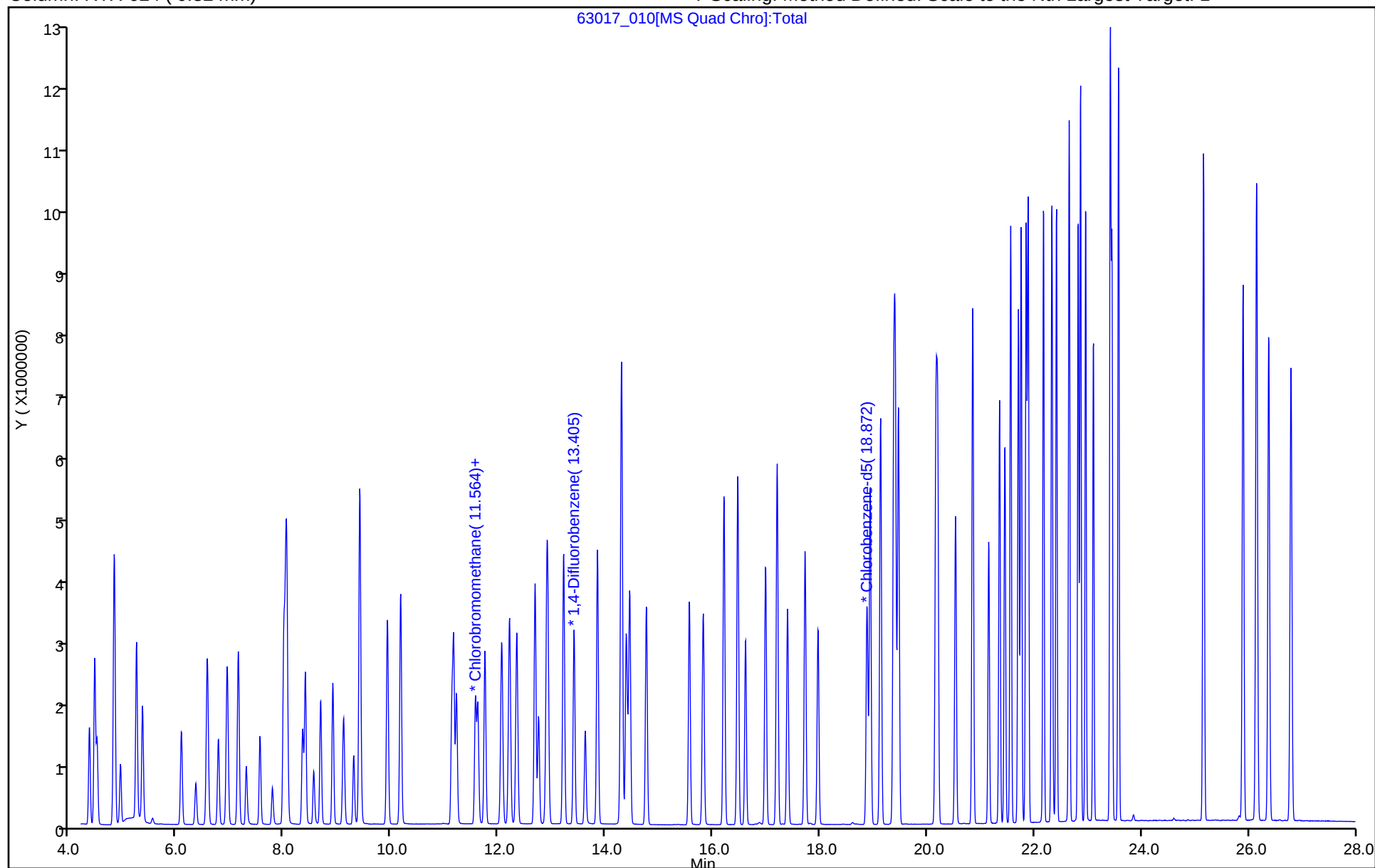
ALS Bottle#: 0

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington

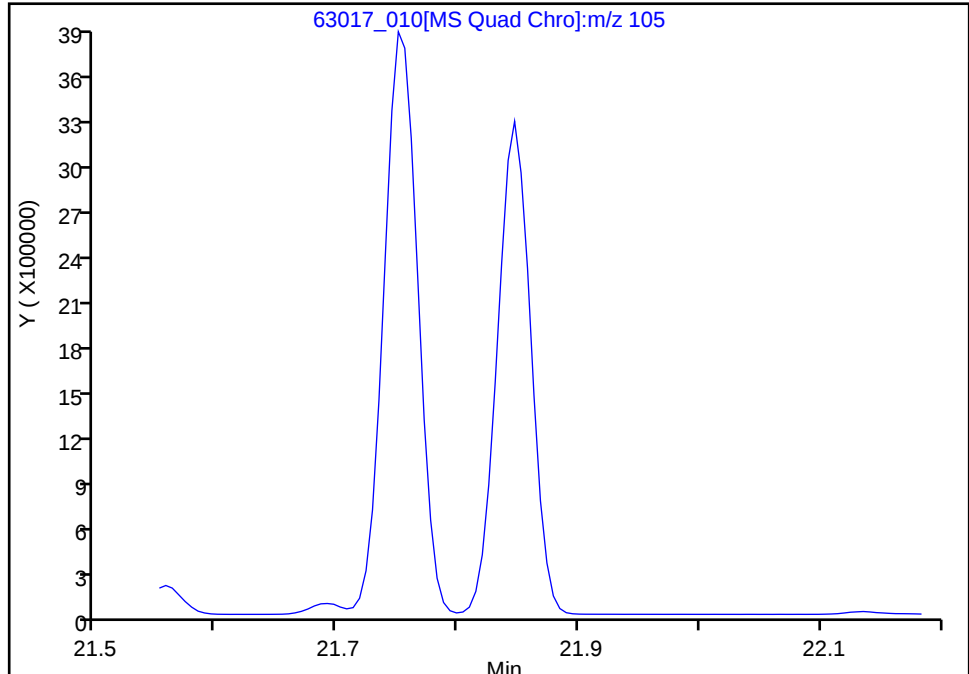
Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_010.D
Injection Date: 17-Nov-2024 20:18:36 Instrument ID: CHAN.i
Lims ID: IC
Client ID:
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

88 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

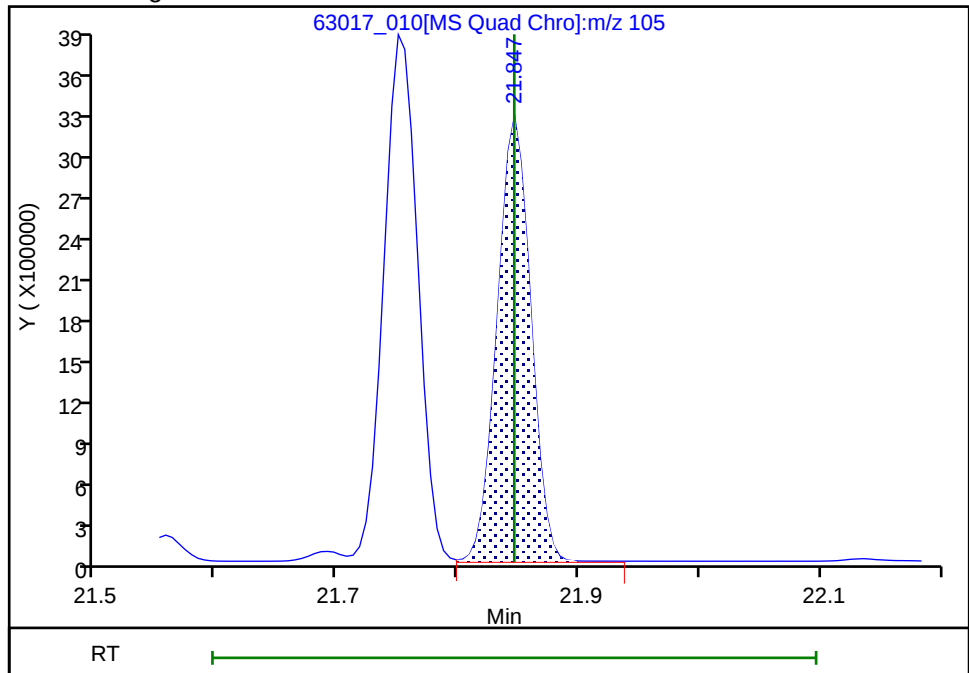
Not Detected
Expected RT: 21.85

Processing Integration Results



RT: 21.85
Area: 6221445
Amount: 14.261625
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 18-Nov-2024 06:27:08 -05:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Baseline

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_012.D
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 17-Nov-2024 22:01:47 ALS Bottle#: 0 Worklist Smp#: 12
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0063017-012
 Operator ID: wrd Instrument ID: CHAN.i
 Sublist: chrom-TO15_TO3_Master_Method_AN*sub1
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 18-Nov-2024 09:28:12 Calib Date: 17-Nov-2024 22:53:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1654

First Level Reviewer: BKZ7

Date: 18-Nov-2024 06:17:49

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	4.353	4.358	-0.005	98	1506125	20.0	18.8	
2 Dichlorodifluoromethane	85	4.455	4.454	0.001	99	4358030	20.0	18.1	
3 Chlorodifluoromethane	51	4.498	4.497	0.001	97	2800118	20.0	18.1	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.819	4.818	0.001	97	4829666	20.0	17.8	
5 Chloromethane	50	4.936	4.936	0.000	99	1741082	20.0	18.0	
6 Vinyl chloride	62	5.230	5.235	-0.005	100	1925755	20.0	16.3	
7 Butane	43	5.236	5.235	0.001	98	2608347	20.0	18.3	
8 Butadiene	54	5.348	5.348	0.000	91	1400349	20.0	16.2	
9 Bromomethane	94	6.070	6.075	-0.005	99	1714427	20.0	17.7	
10 Chloroethane	64	6.343	6.343	0.000	99	1044358	20.0	18.1	
12 2-Methylbutane	43	6.557	6.557	0.000	93	2206864	20.0	17.4	
13 Vinyl bromide	106	6.766	6.760	0.006	100	1661281	20.0	17.7	
14 Trichlorofluoromethane	101	6.926	6.926	0.000	99	3925215	20.0	17.6	
15 Pentane	43	7.135	7.135	0.000	96	3267507	20.0	18.0	
16 Ethanol	45	7.285	7.290	-0.005	98	1641320	40.0	34.5	
18 Ethyl ether	59	7.542	7.541	0.001	92	1329467	20.0	17.7	
19 Acrolein	56	7.772	7.776	-0.004	95	842492	23.4	22.3	
20 1,1-Dichloroethene	96	7.986	7.985	0.001	98	1829357	20.0	16.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.028	8.028	0.000	95	3689545	20.0	17.6	
22 Acetone	43	8.044	8.049	-0.005	96	2445811	20.0	18.4	
23 Isopropyl alcohol	45	8.333	8.344	-0.011	99	3209710	23.2	21.6	
24 Carbon disulfide	76	8.387	8.386	0.001	99	5338236	20.0	18.0	
25 Acetonitrile	41	8.542	8.547	-0.005	99	1366309	20.0	18.6	
26 3-Chloro-1-propene	41	8.676	8.675	0.001	94	2220090	20.0	17.5	
27 Methylene Chloride	49	8.900	8.900	0.000	92	1989316	20.0	17.9	
28 2-Methyl-2-propanol	59	9.098	9.109	-0.011	100	3614365	20.0	18.7	
29 Acrylonitrile	53	9.291	9.290	0.001	95	1331426	20.0	18.6	
30 trans-1,2-Dichloroethene	61	9.403	9.403	0.000	98	2508119	20.0	17.1	
31 Methyl tert-butyl ether	73	9.409	9.414	-0.005	97	4795194	20.0	17.6	
32 Hexane	57	9.922	9.922	0.000	91	2812003	20.0	17.4	
33 1,1-Dichloroethane	63	10.163	10.162	0.001	99	3221759	20.0	16.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.168	10.168	0.000	100	4194806	22.8	22.0	
S 35 1,2-Dichloroethene, Total	61				0		40.0	33.9	
36 2-Butanone (MEK)	72	11.121	11.125	-0.004	99	973651	20.0	18.1	
37 cis-1,2-Dichloroethene	96	11.158	11.158	0.000	93	1995684	20.0	16.8	
38 Ethyl acetate	88	11.212	11.216	-0.004	99	168122	20.0	18.6	
* 39 Chlorobromomethane	128	11.565	11.564	0.001	91	700556	10.0	10.0	
40 Tetrahydrofuran	42	11.602	11.607	-0.005	93	1990743	20.0	18.8	
41 Chloroform	83	11.741	11.741	0.000	95	3630415	20.0	17.6	
42 1,1,1-Trichloroethane	97	12.051	12.056	-0.005	98	3428467	20.0	17.8	
43 Cyclohexane	84	12.201	12.201	0.000	98	2469290	20.0	17.8	
44 Carbon tetrachloride	117	12.335	12.335	0.001	98	3410631	20.0	17.1	
45 Benzene	78	12.677	12.677	0.000	95	5735830	20.0	17.6	
46 1,2-Dichloroethane	62	12.742	12.741	0.001	94	2144633	20.0	17.8	
47 Isooctane	57	12.902	12.907	-0.005	99	8877632	20.0	17.6	
48 n-Heptane	43	13.212	13.212	0.000	91	3190044	20.0	17.5	
* 49 1,4-Difluorobenzene	114	13.405	13.404	0.001	95	3343809	10.0	10.0	
50 n-Butanol	56	13.614	13.618	-0.004	86	1451096	20.0	18.4	
51 Trichloroethene	95	13.844	13.843	0.001	97	2523008	20.0	17.4	
53 1,2-Dichloropropane	63	14.293	14.287	0.006	94	2238318	20.0	17.8	
54 Methyl methacrylate	69	14.379	14.378	0.001	98	2161581	20.0	18.4	
55 1,4-Dioxane	88	14.416	14.421	-0.005	93	1223555	20.0	17.5	
57 Dibromomethane	174	14.448	14.448	0.000	97	2170399	20.0	17.4	
58 Dichlorobromomethane	83	14.753	14.753	0.000	98	3998474	20.0	18.0	
59 cis-1,3-Dichloropropene	75	15.561	15.555	0.006	90	3806764	20.0	18.1	
61 4-Methyl-2-pentanone (MIBK)	43	15.818	15.817	0.001	95	4163987	20.0	18.2	
A 63 Toluene Range	1	16.200	(16.122-16.277)		0	15950346	NC	NC	
62 Toluene	92	16.203	16.202	0.001	94	4085578	20.0	17.7	
64 n-Octane	43	16.460	16.459	0.001	90	4409802	20.0	17.4	
A 65 C8 Range	1	16.465	(16.390-16.539)		0	17012237	NC	NC	
66 trans-1,3-Dichloropropene	75	16.609	16.604	0.005	95	2933178	20.0	18.1	
67 1,1,2-Trichloroethane	83	16.979	16.978	0.001	95	2178557	20.0	18.1	
68 Tetrachloroethene	166	17.198	17.197	0.001	98	3103746	20.0	17.2	
69 2-Hexanone	43	17.391	17.390	0.001	96	4004163	20.0	18.6	
70 Chlorodibromomethane	129	17.717	17.716	0.001	98	4159176	20.0	19.0	
71 Ethylene Dibromide	107	17.958	17.957	0.001	98	3841487	20.0	18.1	
* 73 Chlorobenzene-d5	117	18.878	18.872	0.006	86	2930601	10.0	10.0	
74 Chlorobenzene	112	18.937	18.936	0.001	94	5392630	20.0	17.7	
75 Ethylbenzene	91	19.129	19.129	0.000	98	8735620	20.0	17.6	
76 m-Xylene & p-Xylene	106	19.391	19.391	0.000	0	6761721	40.0	35.5	
77 n-Nonane	57	19.461	19.460	0.001	88	4303981	20.0	17.3	
S 80 Xylenes, Total	106				0		60.0	53.2	
78 o-Xylene	106	20.162	20.161	0.001	99	3299515	20.0	17.7	
79 Styrene	104	20.194	20.193	0.001	98	5523083	20.0	17.8	
81 Bromoform	173	20.525	20.525	0.000	96	3935457	20.0	21.1	
82 Isopropylbenzene	105	20.846	20.846	0.000	98	9373649	20.0	17.3	
83 1,1,2,2-Tetrachloroethane	83	21.349	21.349	0.000	97	5733335	20.0	17.7	
84 1,2,3-Trichloropropane	75	21.451	21.451	0.000	99	4178070	20.0	18.2	
85 N-Propylbenzene	91	21.558	21.558	0.000	99	11347283	20.0	17.2	
86 2-Chlorotoluene	91	21.702	21.702	0.000	97	7102950	20.0	17.6	
87 4-Ethyltoluene	105	21.751	21.750	0.001	98	9070677	20.0	17.5	
88 1,3,5-Trimethylbenzene	105	21.847	21.846	0.001	94	7586649	20.0	17.5	
89 n-Decane	57	21.884	21.884	0.000	91	5440380	20.0	17.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.168	22.167	0.001	88	4340592	20.0	18.0	
91 tert-Butylbenzene	119	22.328	22.328	0.000	93	7244624	20.0	17.6	
92 1,2,4-Trimethylbenzene	105	22.414	22.413	0.001	97	7599639	20.0	17.4	
93 sec-Butylbenzene	105	22.649	22.649	0.000	98	11065514	20.0	17.2	
94 1,3-Dichlorobenzene	146	22.815	22.820	-0.005	98	5416606	20.0	18.0	
95 4-Isopropyltoluene	119	22.863	22.863	0.000	96	9283091	20.0	17.4	
96 1,4-Dichlorobenzene	146	22.960	22.959	0.001	94	5406510	20.0	18.3	
97 Benzyl chloride	91	23.099	23.098	0.001	99	7570535	20.0	18.2	
98 n-Butylbenzene	91	23.414	23.414	0.000	100	9546475	20.0	17.5	
99 1,2-Dichlorobenzene	146	23.446	23.446	0.000	96	5148278	20.0	17.8	
100 Undecane	57	23.570	23.569	0.001	94	6153139	20.0	18.8	
101 Dodecane	57	25.158	25.158	0.000	97	6395852	20.0	20.3	
102 1,2,4-Trichlorobenzene	180	25.897	25.896	0.001	94	4761061	23.5	24.1	
103 Hexachlorobutadiene	225	26.153	26.148	0.005	98	3662126	22.5	20.4	
104 Naphthalene	128	26.378	26.372	0.006	99	11002119	23.8	25.7	
105 1,2,3-Trichlorobenzene	180	26.790	26.790	0.000	95	4452066	23.3	23.7	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL6w_00238

Amount Added: 200.00

Units: mL

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_012.D

Injection Date: 17-Nov-2024 22:01:47

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: ic

Worklist Smp#: 12

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

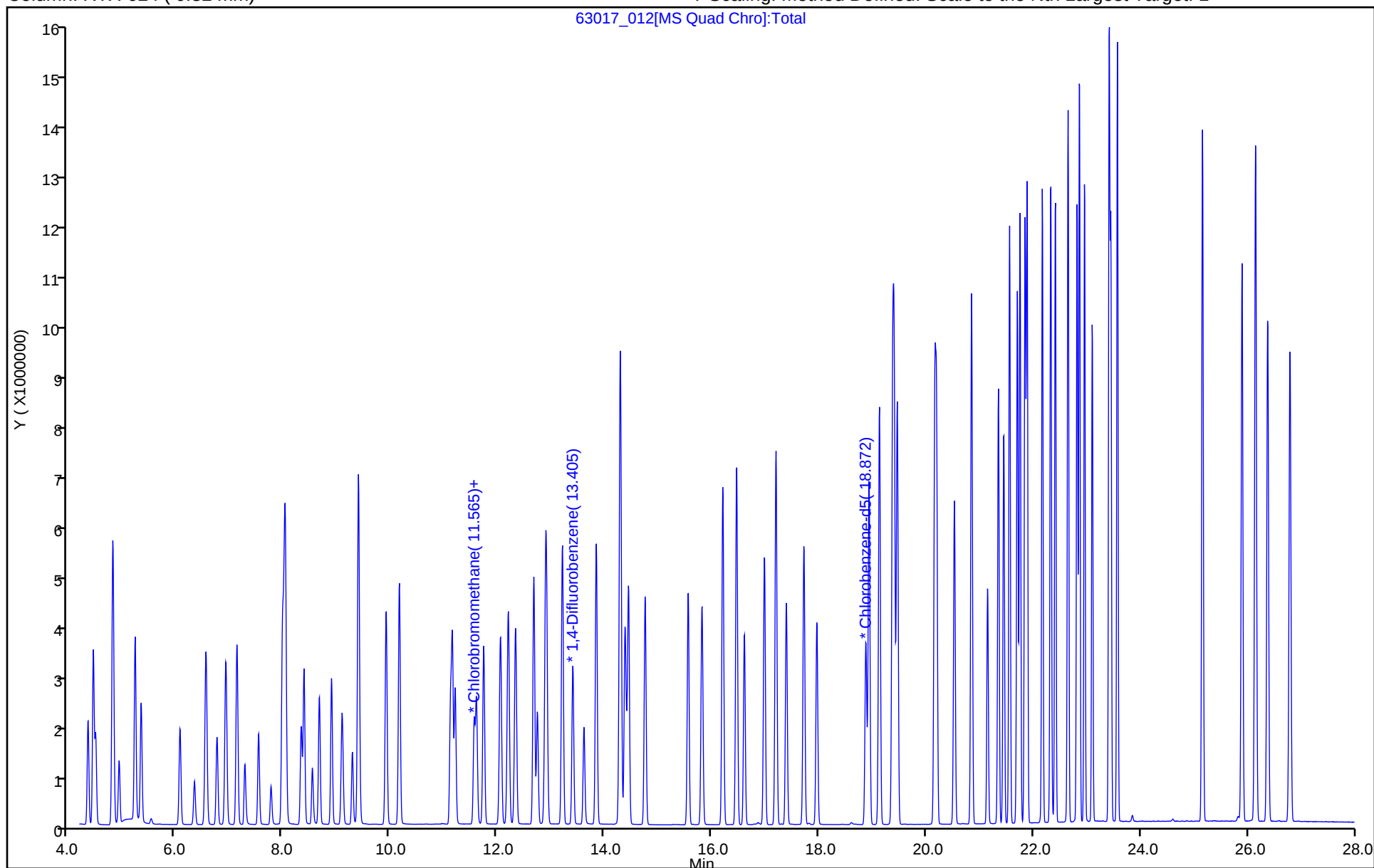
ALS Bottle#: 0

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_013.D
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 17-Nov-2024 22:53:30 ALS Bottle#: 0 Worklist Smp#: 13
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0063017-013
 Operator ID: wrd Instrument ID: CHAN.i
 Sublist: chrom-TO15_TO3_Master_Method_AN*sub1
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 18-Nov-2024 09:28:16 Calib Date: 17-Nov-2024 22:53:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1654

First Level Reviewer: BKZ7

Date: 18-Nov-2024 06:18:24

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	4.358	4.358	0.000	98	2889820	40.0	36.2	
2 Dichlorodifluoromethane	85	4.455	4.454	0.001	99	8292242	40.0	34.6	
3 Chlorodifluoromethane	51	4.497	4.497	0.000	97	5306651	40.0	34.4	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.818	4.818	0.000	96	9265260	40.0	34.2	
5 Chloromethane	50	4.936	4.936	0.000	99	3349546	40.0	34.8	
6 Vinyl chloride	62	5.230	5.235	-0.005	100	3764661	40.0	31.9	
7 Butane	43	5.236	5.235	0.001	98	4979523	40.0	35.1	
8 Butadiene	54	5.348	5.348	0.000	90	2719380	40.0	31.6	
9 Bromomethane	94	6.070	6.075	-0.005	99	3411555	40.0	35.3	
10 Chloroethane	64	6.343	6.343	0.000	100	2059677	40.0	35.7	
12 2-Methylbutane	43	6.557	6.557	0.000	93	4272704	40.0	33.8	
13 Vinyl bromide	106	6.766	6.760	0.006	99	3309747	40.0	35.3	
14 Trichlorofluoromethane	101	6.926	6.926	0.000	99	7648903	40.0	34.5	
15 Pentane	43	7.135	7.135	0.000	96	6271575	40.0	34.5	
16 Ethanol	45	7.285	7.290	-0.005	98	3982574	100.0	83.9	
18 Ethyl ether	59	7.536	7.541	-0.005	92	2627535	40.0	35.1	
19 Acrolein	56	7.771	7.776	-0.005	95	1664127	46.8	44.1	
20 1,1-Dichloroethene	96	7.985	7.985	0.000	98	3627439	40.0	32.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.028	8.028	0.000	95	7305399	40.0	34.8	
22 Acetone	43	8.044	8.049	-0.005	96	4688770	40.0	35.4	
23 Isopropyl alcohol	45	8.333	8.344	-0.011	99	6169594	46.4	41.6	
24 Carbon disulfide	76	8.387	8.386	0.001	99	10227241	40.0	34.5	
25 Acetonitrile	41	8.542	8.547	-0.005	99	2679949	40.0	36.7	
26 3-Chloro-1-propene	41	8.676	8.675	0.001	94	4283955	40.0	33.9	
27 Methylene Chloride	49	8.900	8.900	0.000	91	3877452	40.0	35.1	
28 2-Methyl-2-propanol	59	9.093	9.109	-0.016	100	6962814	40.0	36.1	
29 Acrylonitrile	53	9.291	9.290	0.001	95	2620983	40.0	36.8	
30 trans-1,2-Dichloroethene	61	9.403	9.403	0.000	82	4859472	40.0	33.1	
31 Methyl tert-butyl ether	73	9.403	9.414	-0.011	97	9278042	40.0	34.2	
32 Hexane	57	9.922	9.922	0.000	91	5452003	40.0	33.9	
33 1,1-Dichloroethane	63	10.163	10.162	0.001	100	6216635	40.0	32.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.168	10.168	0.000	100	8219326	45.6	43.2	
S 35 1,2-Dichloroethene, Total	61				0		80.0	66.7	
36 2-Butanone (MEK)	72	11.120	11.125	-0.005	98	1937547	40.0	36.2	
37 cis-1,2-Dichloroethene	96	11.158	11.158	0.000	93	3967263	40.0	33.5	
38 Ethyl acetate	88	11.211	11.216	-0.005	99	337308	40.0	37.4	
* 39 Chlorobromomethane	128	11.564	11.564	0.000	91	698805	10.0	10.0	
40 Tetrahydrofuran	42	11.602	11.607	-0.005	92	3852476	40.0	36.9	
41 Chloroform	83	11.741	11.741	0.000	96	7092627	40.0	34.5	
42 1,1,1-Trichloroethane	97	12.057	12.056	0.001	98	6709289	40.0	35.3	
43 Cyclohexane	84	12.201	12.201	0.000	98	4871533	40.0	35.7	
44 Carbon tetrachloride	117	12.335	12.335	0.001	98	6735453	40.0	34.3	
45 Benzene	78	12.677	12.677	0.000	96	10974306	40.0	34.3	
46 1,2-Dichloroethane	62	12.741	12.741	0.000	94	4182348	40.0	35.2	
47 Isooctane	57	12.907	12.907	0.000	99	16608603	40.0	33.4	
48 n-Heptane	43	13.212	13.212	0.000	90	6067497	40.0	33.7	
* 49 1,4-Difluorobenzene	114	13.405	13.404	0.001	94	3291372	10.0	10.0	
50 n-Butanol	56	13.613	13.618	-0.005	86	2892736	40.0	37.3	
51 Trichloroethene	95	13.843	13.843	0.000	97	5002699	40.0	35.1	
53 1,2-Dichloropropane	63	14.293	14.287	0.006	92	4335413	40.0	34.9	
54 Methyl methacrylate	69	14.378	14.378	0.000	98	4256256	40.0	36.9	
55 1,4-Dioxane	88	14.410	14.421	-0.011	93	2411837	40.0	35.1	
57 Dibromomethane	174	14.448	14.448	0.000	97	4380360	40.0	35.7	
58 Dichlorobromomethane	83	14.758	14.753	0.005	98	7797045	40.0	35.7	
59 cis-1,3-Dichloropropene	75	15.561	15.555	0.006	87	7420058	40.0	35.9	
61 4-Methyl-2-pentanone (MIBK)	43	15.812	15.817	-0.005	95	7916852	40.0	35.2	
A 63 Toluene Range	1	16.200	(16.122-16.277)		0	30641280	NC	NC	
62 Toluene	92	16.208	16.202	0.006	95	7939869	40.0	35.0	
64 n-Octane	43	16.465	16.459	0.006	89	8236754	40.0	33.0	
A 65 C8 Range	1	16.465	(16.390-16.539)		0	32741894	NC	NC	
66 trans-1,3-Dichloropropene	75	16.609	16.604	0.005	96	5720414	40.0	35.8	
67 1,1,2-Trichloroethane	83	16.984	16.978	0.006	94	4327210	40.0	36.5	
68 Tetrachloroethene	166	17.198	17.197	0.001	98	6248653	40.0	35.2	
69 2-Hexanone	43	17.390	17.390	0.000	97	7606221	40.0	35.8	
70 Chlorodibromomethane	129	17.722	17.716	0.006	97	8190274	40.0	37.9	
71 Ethylene Dibromide	107	17.963	17.957	0.006	98	7592897	40.0	36.3	
* 73 Chlorobenzene-d5	117	18.878	18.872	0.006	87	2883573	10.0	10.0	
74 Chlorobenzene	112	18.936	18.936	0.000	94	10484249	40.0	35.0	
75 Ethylbenzene	91	19.129	19.129	0.000	98	16158185	40.0	33.1	
76 m-Xylene & p-Xylene	106	19.391	19.391	0.000	0	13112877	80.0	69.9	
77 n-Nonane	57	19.461	19.460	0.001	87	8165160	40.0	33.4	
S 80 Xylenes, Total	106				0		120.0	105.3	
78 o-Xylene	106	20.161	20.161	0.000	99	6494990	40.0	35.4	
79 Styrene	104	20.194	20.193	0.001	98	10587382	40.0	34.8	
81 Bromoform	173	20.531	20.525	0.006	95	7785411	40.0	42.4	
82 Isopropylbenzene	105	20.852	20.846	0.006	96	16966404	40.0	31.9	
83 1,1,2,2-Tetrachloroethane	83	21.349	21.349	0.000	97	10809831	40.0	33.9	
84 1,2,3-Trichloropropane	75	21.451	21.451	0.000	98	8035404	40.0	35.6	
85 N-Propylbenzene	91	21.558	21.558	0.000	97	19238374	40.0	29.7	e
86 2-Chlorotoluene	91	21.708	21.702	0.006	96	13332242	40.0	33.5	
87 4-Ethyltoluene	105	21.756	21.750	0.006	95	15990181	40.0	31.4	
88 1,3,5-Trimethylbenzene	105	21.847	21.846	0.001	94	13852657	40.0	32.5	
89 n-Decane	57	21.884	21.884	0.000	92	9835006	40.0	32.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.173	22.167	0.006	87	8326852	40.0	35.2	
91 tert-Butylbenzene	119	22.328	22.328	0.000	92	13351394	40.0	32.9	
92 1,2,4-Trimethylbenzene	105	22.414	22.413	0.001	96	13765035	40.0	32.0	
93 sec-Butylbenzene	105	22.649	22.649	0.000	94	18549371	40.0	29.3	e
94 1,3-Dichlorobenzene	146	22.820	22.820	0.000	98	10257292	40.0	34.7	
95 4-Isopropyltoluene	119	22.863	22.863	0.000	93	16158898	40.0	30.7	
96 1,4-Dichlorobenzene	146	22.959	22.959	0.000	92	10217347	40.0	35.1	
97 Benzyl chloride	91	23.104	23.098	0.006	98	13809410	40.0	33.7	
98 n-Butylbenzene	91	23.419	23.414	0.005	96	16365396	40.0	30.5	
99 1,2-Dichlorobenzene	146	23.452	23.446	0.006	94	9843688	40.0	34.6	
100 Undecane	57	23.569	23.569	0.000	92	10947058	40.0	34.0	
101 Dodecane	57	25.158	25.158	0.000	96	11333334	40.0	36.5	
102 1,2,4-Trichlorobenzene	180	25.896	25.896	0.000	95	9537441	46.9	49.2	
103 Hexachlorobutadiene	225	26.153	26.148	0.005	99	7454821	45.0	42.3	
104 Naphthalene	128	26.378	26.372	0.006	97	20044662	47.6	47.6	
105 1,2,3-Trichlorobenzene	180	26.795	26.790	0.005	95	8892664	46.6	48.2	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

e - Potential Peak Saturated

Reagents:

ATTO15CAL7w_00149

Amount Added: 200.00

Units: mL

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 18-Nov-2024 09:28:16

Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_013.D

Injection Date: 17-Nov-2024 22:53:30

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: ic

Worklist Smp#: 13

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

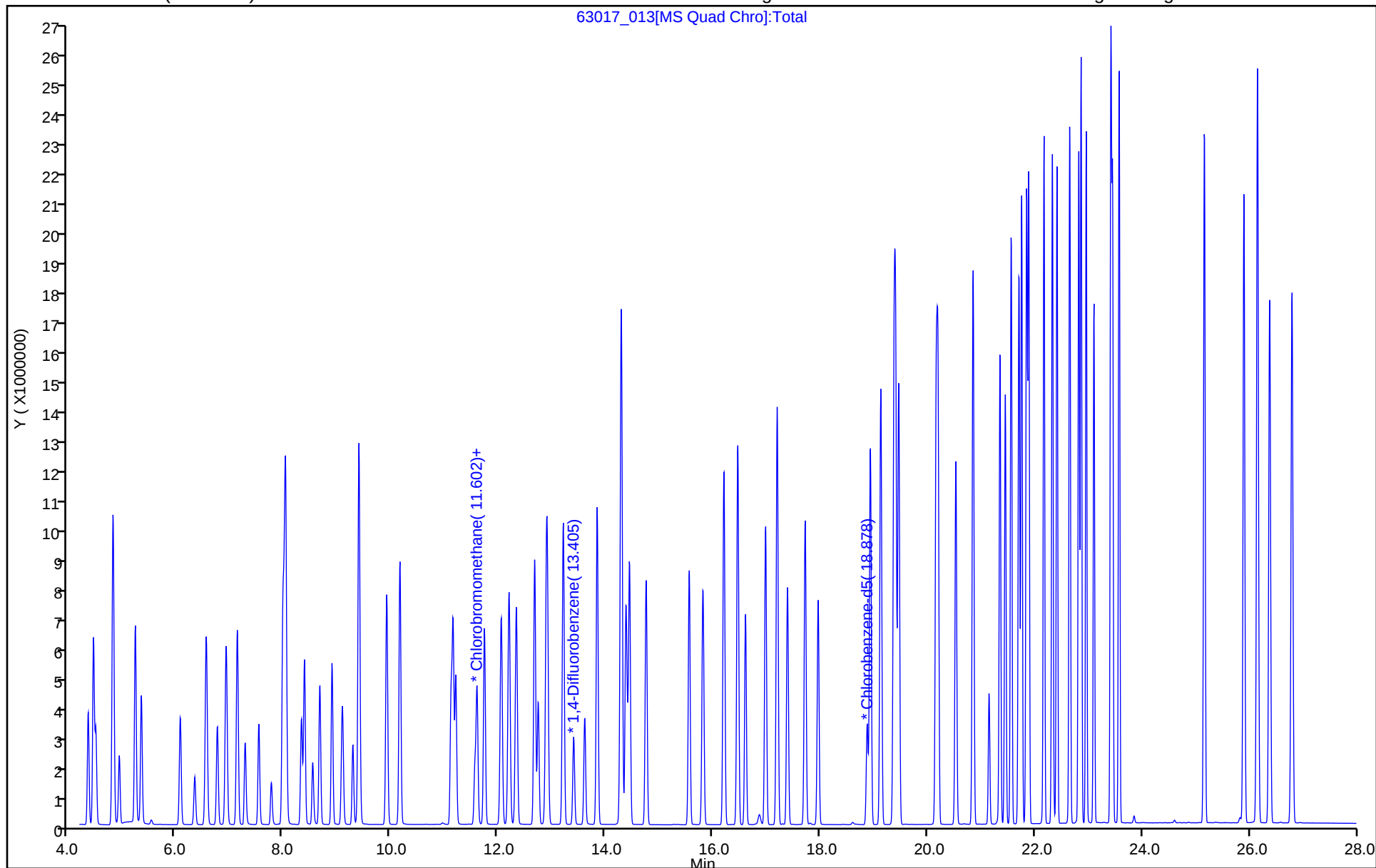
ALS Bottle#: 0

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Calibration

/ Propene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

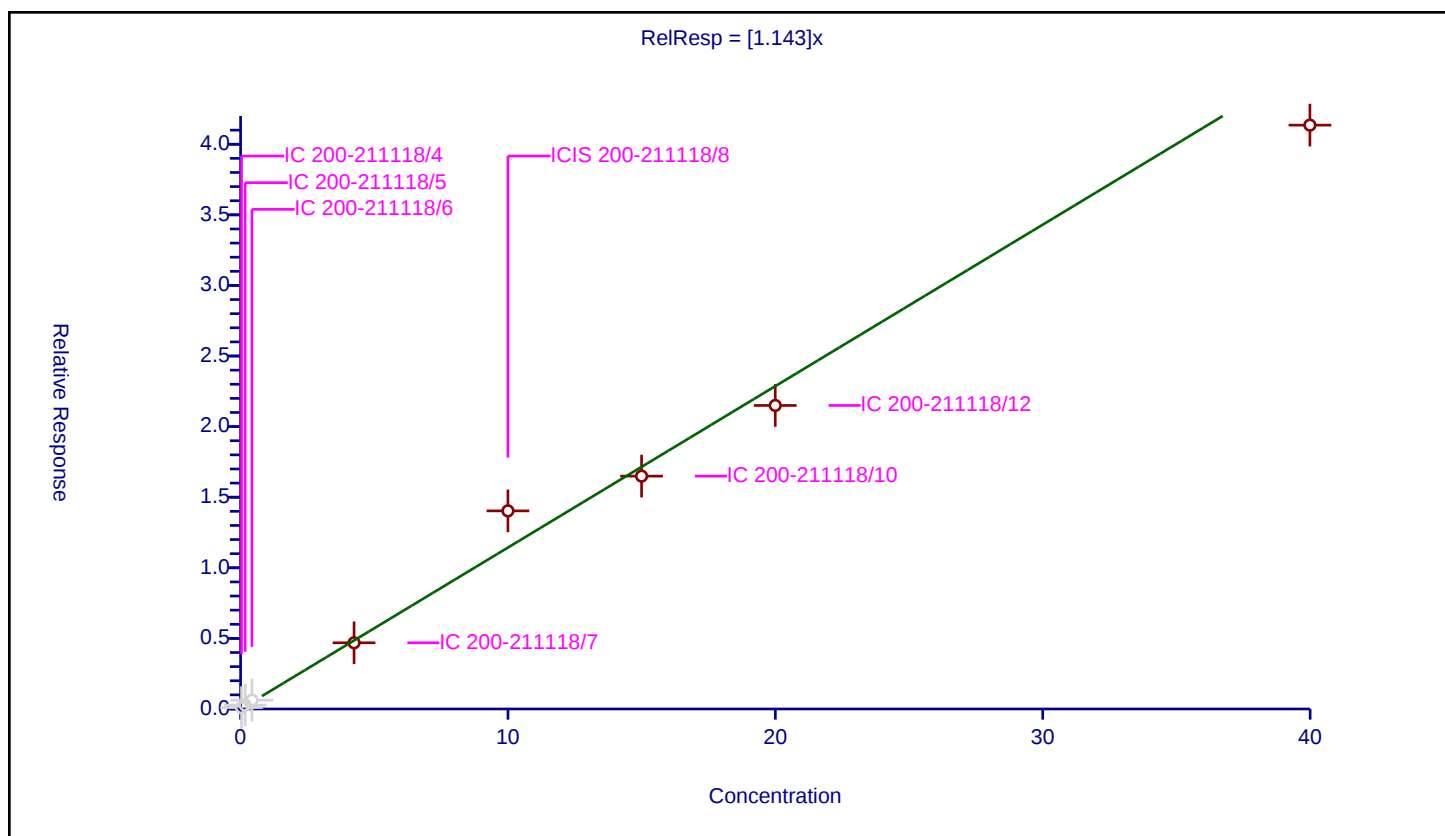
Curve Coefficients

Intercept: 0
Slope: 1.143

Error Coefficients

Relative Standard Deviation: 12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.097071	10.0	673324.0	2.767364	N
2	IC 200-211118/5	0.170374	0.27546	10.0	652110.0	1.616797	N
3	IC 200-211118/6	0.424368	0.62567	10.0	697173.0	1.474357	N
4	IC 200-211118/7	4.243678	4.688463	10.0	720059.0	1.104811	Y
5	ICIS 200-211118/8	9.99806	14.033093	10.0	541262.0	1.403582	Y
6	IC 200-211118/10	14.99709	16.492913	10.0	711408.0	1.099741	Y
7	IC 200-211118/12	19.99612	21.498995	10.0	700556.0	1.075158	Y
8	IC 200-211118/13	39.99224	41.35374	10.0	698805.0	1.034044	Y



Calibration

/ Dichlorodifluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

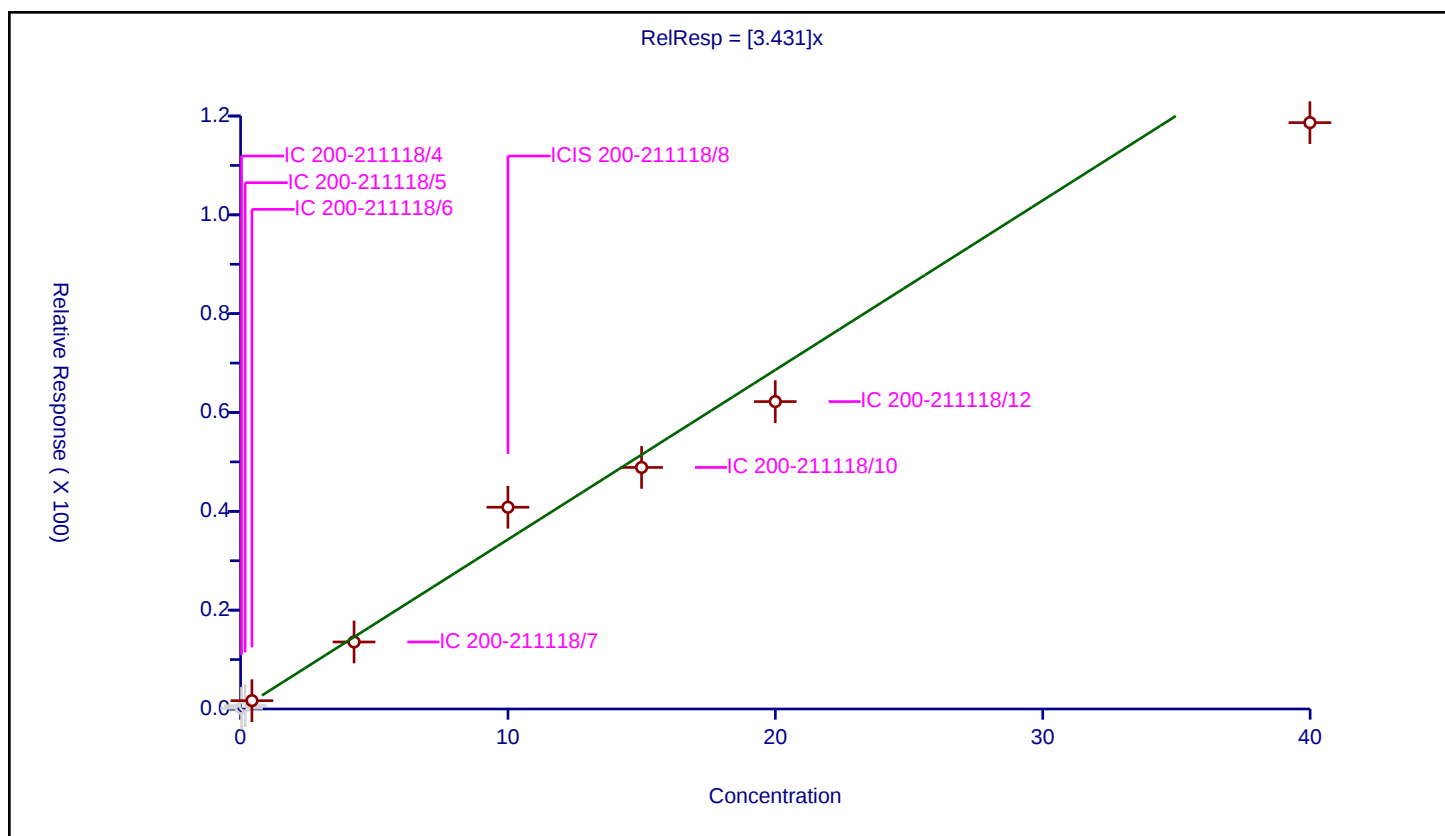
Curve Coefficients

Intercept: 0
Slope: 3.431

Error Coefficients

Relative Standard Deviation: 13.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.154666	10.0	673324.0	4.409321	N
2	IC 200-211118/5	0.170374	0.676144	10.0	652110.0	3.968591	N
3	IC 200-211118/6	0.424368	1.683499	10.0	697173.0	3.967075	Y
4	IC 200-211118/7	4.243678	13.565791	10.0	720059.0	3.196706	Y
5	ICIS 200-211118/8	9.99806	40.828102	10.0	541262.0	4.083602	Y
6	IC 200-211118/10	14.99709	48.883833	10.0	711408.0	3.259555	Y
7	IC 200-211118/12	19.99612	62.20816	10.0	700556.0	3.111012	Y
8	IC 200-211118/13	39.99224	118.663175	10.0	698805.0	2.967155	Y



Calibration

/ Chlorodifluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

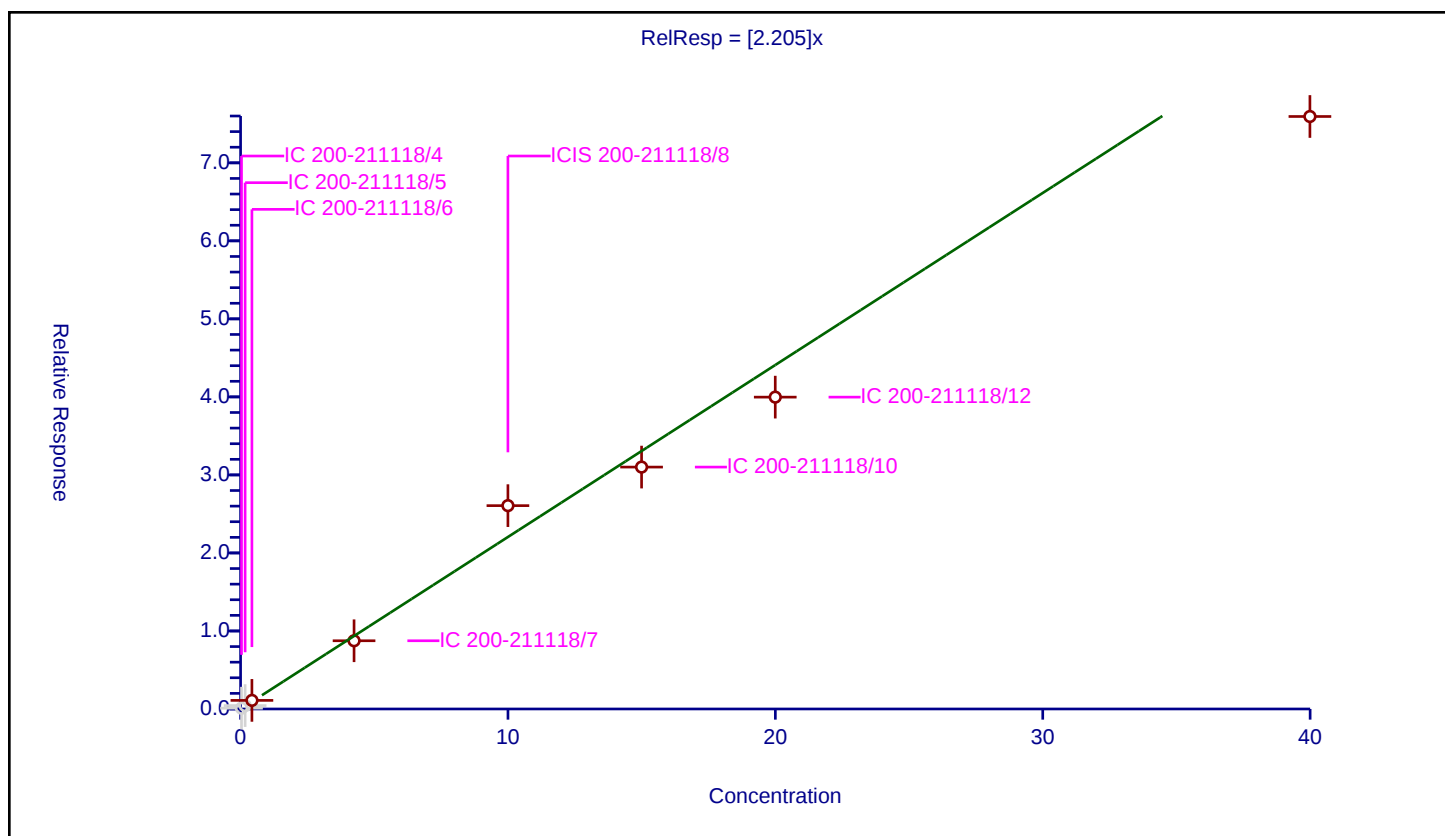
Curve Coefficients

Intercept: 0
Slope: 2.205

Error Coefficients

Relative Standard Deviation: 14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.104274	10.0	673324.0	2.972714	N
2	IC 200-211118/5	0.170374	0.435831	10.0	652110.0	2.55809	N
3	IC 200-211118/6	0.424368	1.101276	10.0	697173.0	2.595098	Y
4	IC 200-211118/7	4.243678	8.74377	10.0	720059.0	2.060422	Y
5	ICIS 200-211118/8	9.99806	26.063718	10.0	541262.0	2.606878	Y
6	IC 200-211118/10	14.99709	31.004754	10.0	711408.0	2.067385	Y
7	IC 200-211118/12	19.99612	39.969938	10.0	700556.0	1.998885	Y
8	IC 200-211118/13	39.99224	75.938939	10.0	698805.0	1.898842	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

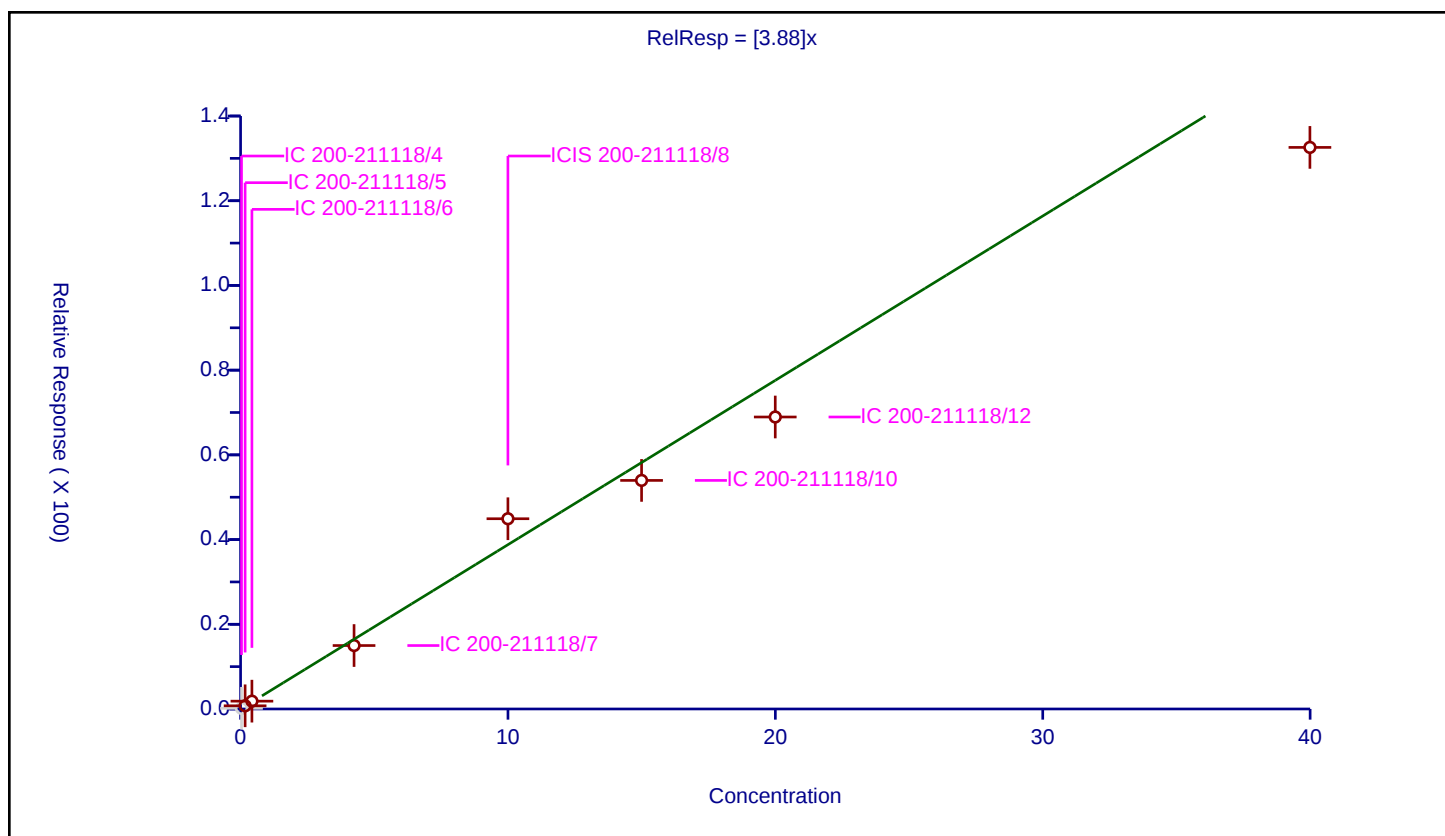
Curve Coefficients

Intercept: 0
Slope: 3.88

Error Coefficients

Relative Standard Deviation: 13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.163161	10.0	673324.0	4.651508	N
2	IC 200-211118/5	0.170374	0.754106	10.0	652110.0	4.426187	Y
3	IC 200-211118/6	0.424368	1.845051	10.0	697173.0	4.347764	Y
4	IC 200-211118/7	4.243678	14.981536	10.0	720059.0	3.530318	Y
5	ICIS 200-211118/8	9.99806	44.917545	10.0	541262.0	4.492626	Y
6	IC 200-211118/10	14.99709	53.962733	10.0	711408.0	3.598214	Y
7	IC 200-211118/12	19.99612	68.94047	10.0	700556.0	3.447692	Y
8	IC 200-211118/13	39.99224	132.587202	10.0	698805.0	3.315323	Y



Calibration

/ Chloromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

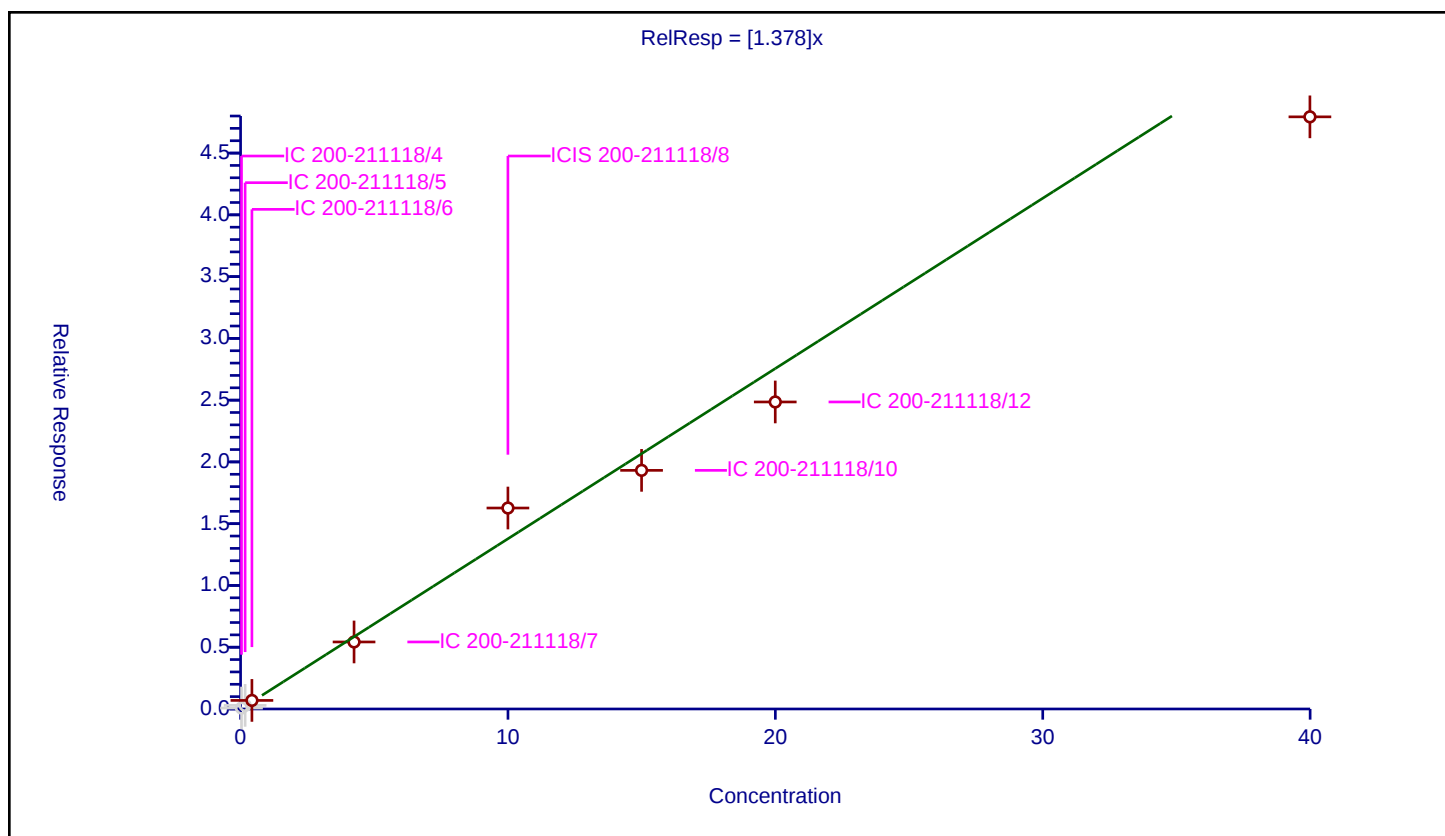
Curve Coefficients

Intercept: 0
Slope: 1.378

Error Coefficients

Relative Standard Deviation: 14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.076872	10.0	673324.0	2.191535	N
2	IC 200-211118/5	0.170374	0.293309	10.0	652110.0	1.721565	N
3	IC 200-211118/6	0.424368	0.692898	10.0	697173.0	1.632778	Y
4	IC 200-211118/7	4.243678	5.426305	10.0	720059.0	1.27868	Y
5	ICIS 200-211118/8	9.99806	16.269053	10.0	541262.0	1.627221	Y
6	IC 200-211118/10	14.99709	19.317354	10.0	711408.0	1.288073	Y
7	IC 200-211118/12	19.99612	24.85286	10.0	700556.0	1.242884	Y
8	IC 200-211118/13	39.99224	47.932485	10.0	698805.0	1.198545	Y



Calibration

/ Vinyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

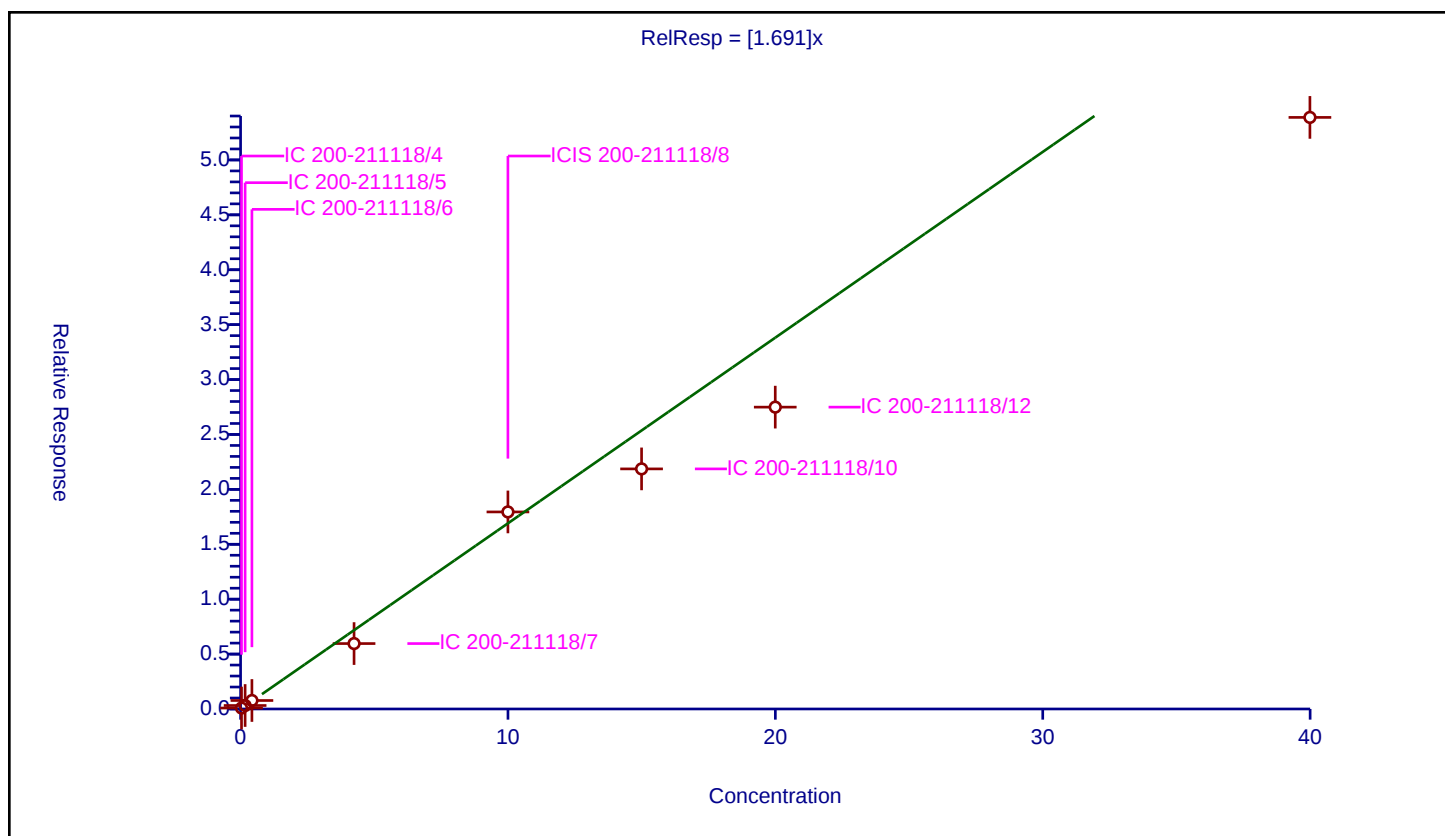
Curve Coefficients

Intercept: 0
 Slope: 1.691

Error Coefficients

Relative Standard Deviation: 22.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.086452	10.0	673324.0	2.46463	Y
2	IC 200-211118/5	0.170374	0.317048	10.0	652110.0	1.860896	Y
3	IC 200-211118/6	0.424368	0.773911	10.0	697173.0	1.82368	Y
4	IC 200-211118/7	4.243678	5.958192	10.0	720059.0	1.404016	Y
5	ICIS 200-211118/8	9.99806	17.944729	10.0	541262.0	1.794821	Y
6	IC 200-211118/10	14.99709	21.865568	10.0	711408.0	1.457987	Y
7	IC 200-211118/12	19.99612	27.488952	10.0	700556.0	1.374714	Y
8	IC 200-211118/13	39.99224	53.87284	10.0	698805.0	1.347082	Y



Calibration

/ Butane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

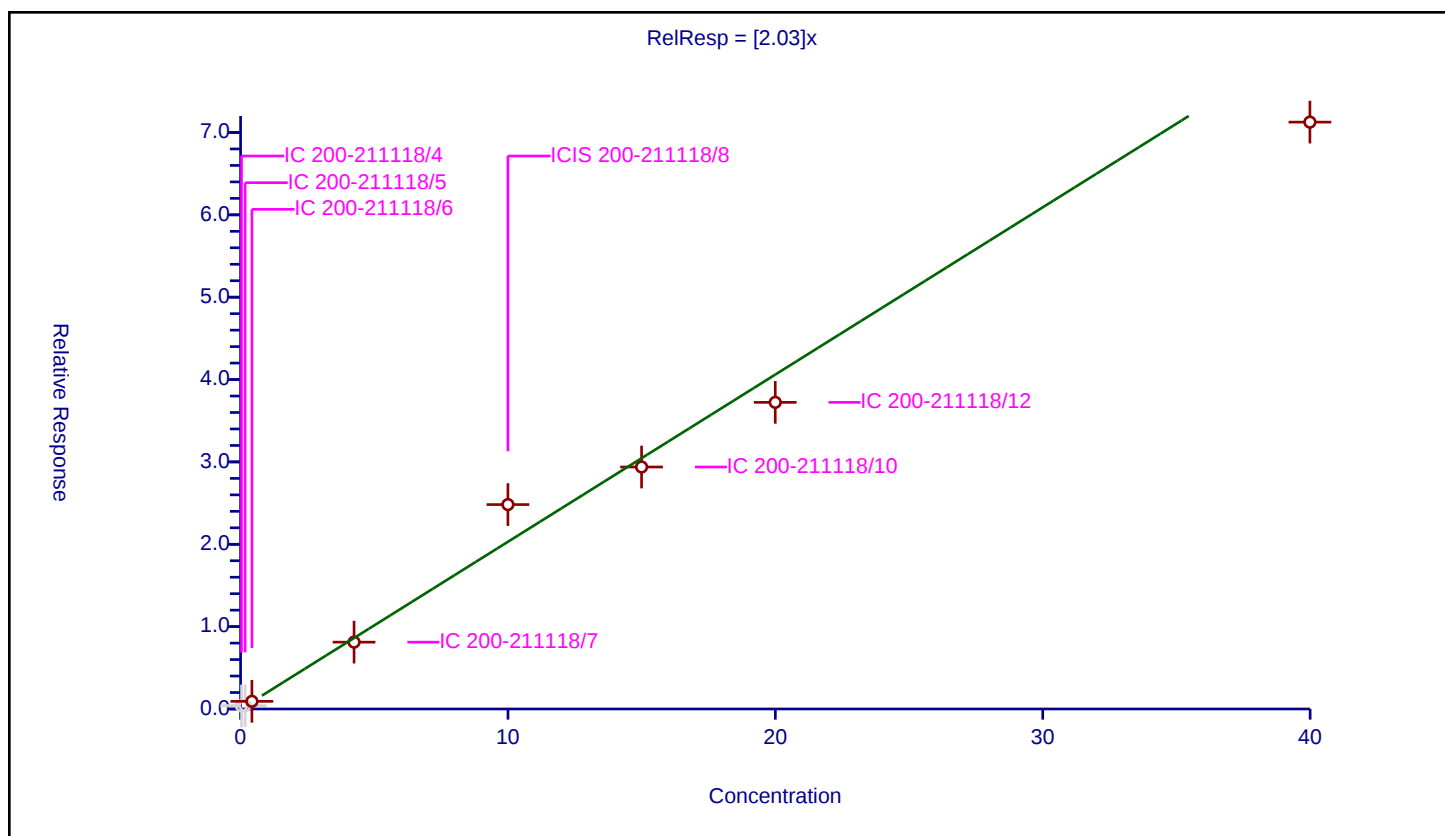
Curve Coefficients

Intercept: 0
Slope: 2.03

Error Coefficients

Relative Standard Deviation: 12.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.376936	10.0	673324.0	10.745974	N
2	IC 200-211118/5	0.170374	0.407155	10.0	652110.0	2.389777	N
3	IC 200-211118/6	0.424368	0.926829	10.0	697173.0	2.184022	Y
4	IC 200-211118/7	4.243678	8.117154	10.0	720059.0	1.912764	Y
5	ICIS 200-211118/8	9.99806	24.821029	10.0	541262.0	2.482585	Y
6	IC 200-211118/10	14.99709	29.38401	10.0	711408.0	1.959314	Y
7	IC 200-211118/12	19.99612	37.232527	10.0	700556.0	1.861988	Y
8	IC 200-211118/13	39.99224	71.25769	10.0	698805.0	1.781788	Y



Calibration

/ Butadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

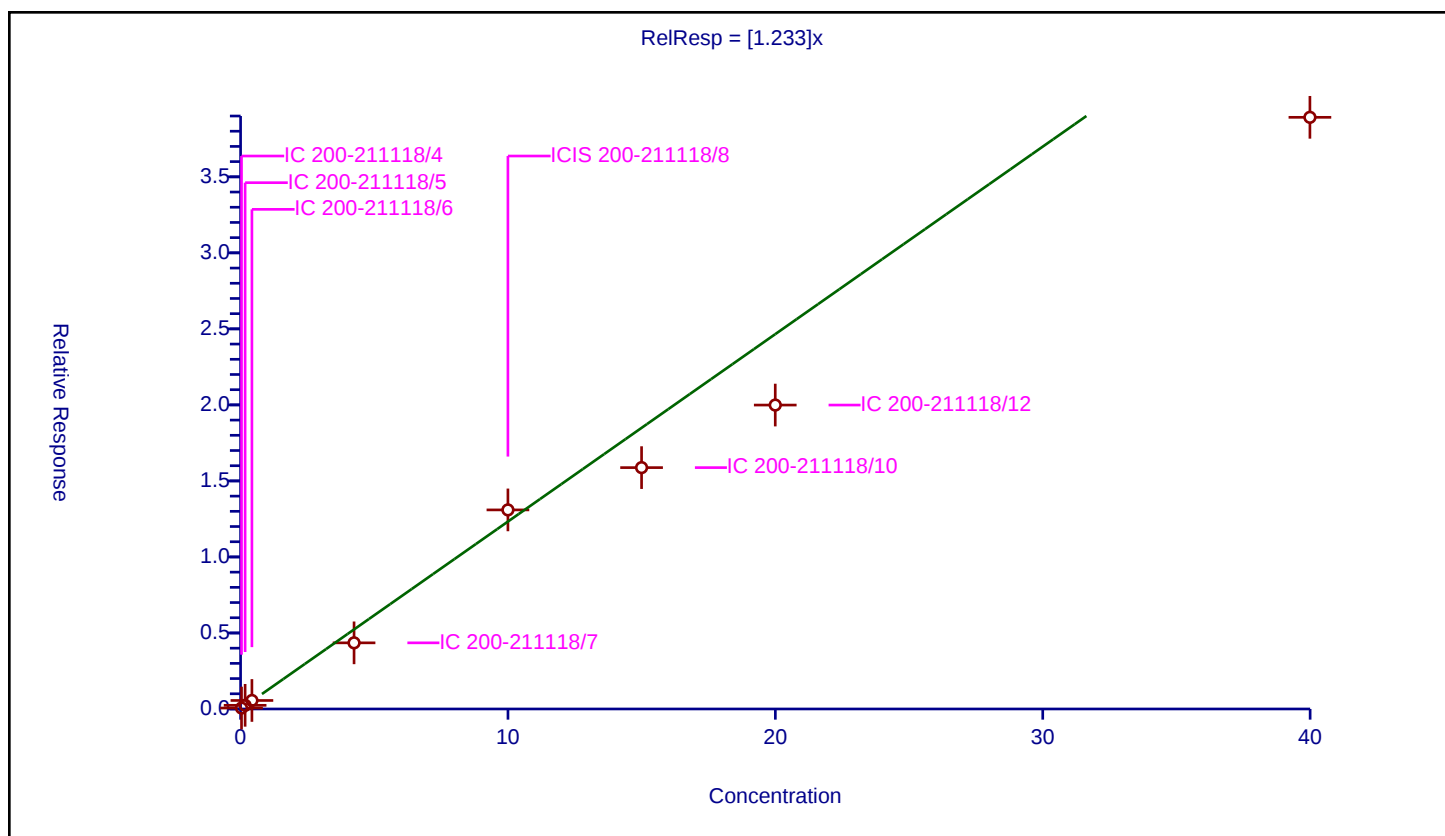
Curve Coefficients

Intercept: 0
 Slope: 1.233

Error Coefficients

Relative Standard Deviation: 22.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.061605	10.0	673324.0	1.756277	Y
2	IC 200-211118/5	0.170374	0.241984	10.0	652110.0	1.420311	Y
3	IC 200-211118/6	0.424368	0.560377	10.0	697173.0	1.320499	Y
4	IC 200-211118/7	4.243678	4.349769	10.0	720059.0	1.025	Y
5	ICIS 200-211118/8	9.99806	13.093844	10.0	541262.0	1.309638	Y
6	IC 200-211118/10	14.99709	15.875082	10.0	711408.0	1.058544	Y
7	IC 200-211118/12	19.99612	19.989109	10.0	700556.0	0.999649	Y
8	IC 200-211118/13	39.99224	38.914719	10.0	698805.0	0.973057	Y



Calibration

/ Bromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

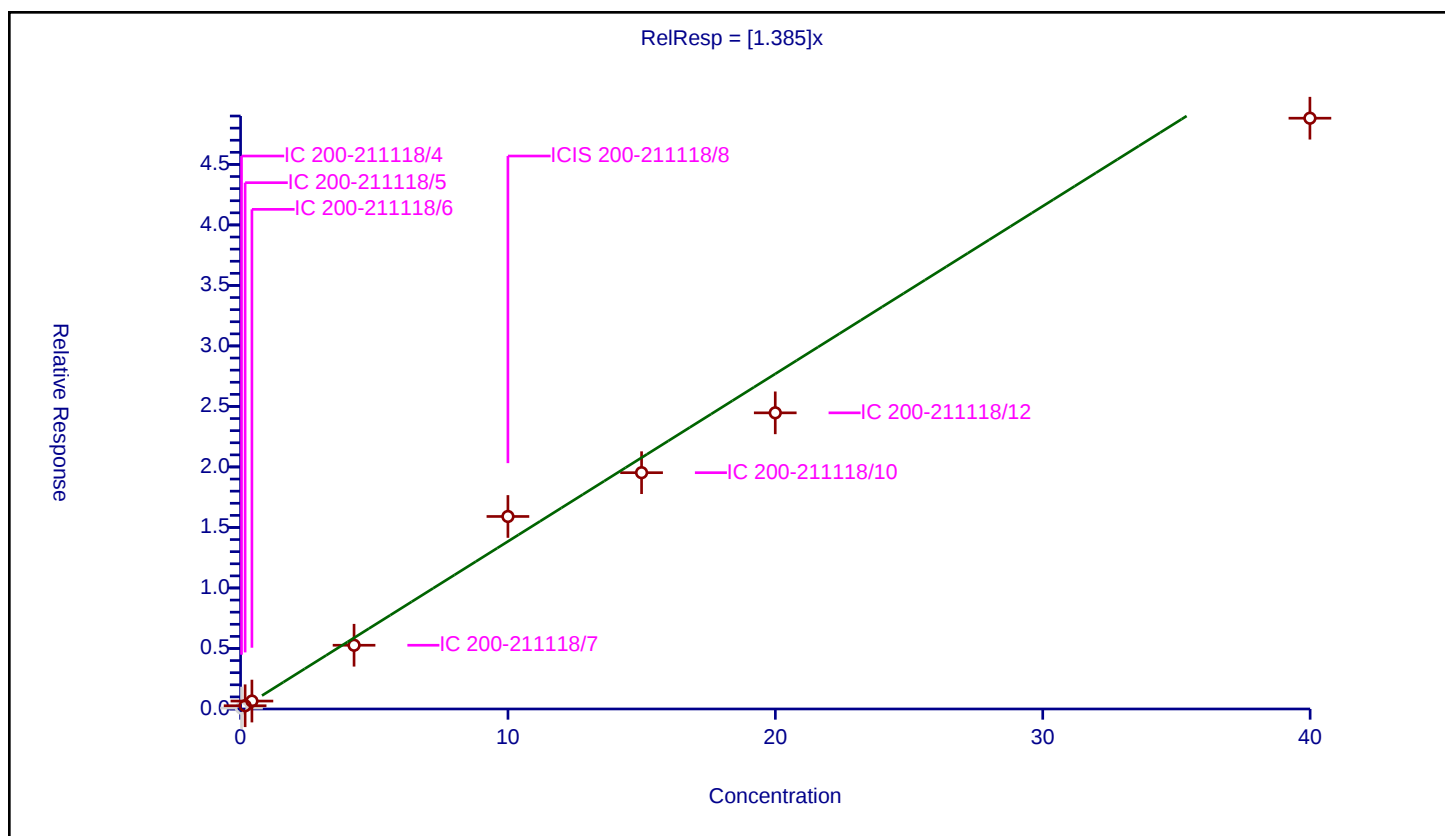
Curve Coefficients

Intercept: 0
Slope: 1.385

Error Coefficients

Relative Standard Deviation: 12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.07506	10.0	673324.0	2.13988	N
2	IC 200-211118/5	0.170374	0.267532	10.0	652110.0	1.570263	Y
3	IC 200-211118/6	0.424368	0.655519	10.0	697173.0	1.544695	Y
4	IC 200-211118/7	4.243678	5.267929	10.0	720059.0	1.241359	Y
5	ICIS 200-211118/8	9.99806	15.908562	10.0	541262.0	1.591165	Y
6	IC 200-211118/10	14.99709	19.52743	10.0	711408.0	1.302081	Y
7	IC 200-211118/12	19.99612	24.472376	10.0	700556.0	1.223856	Y
8	IC 200-211118/13	39.99224	48.819842	10.0	698805.0	1.220733	Y



Calibration

/ Chloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

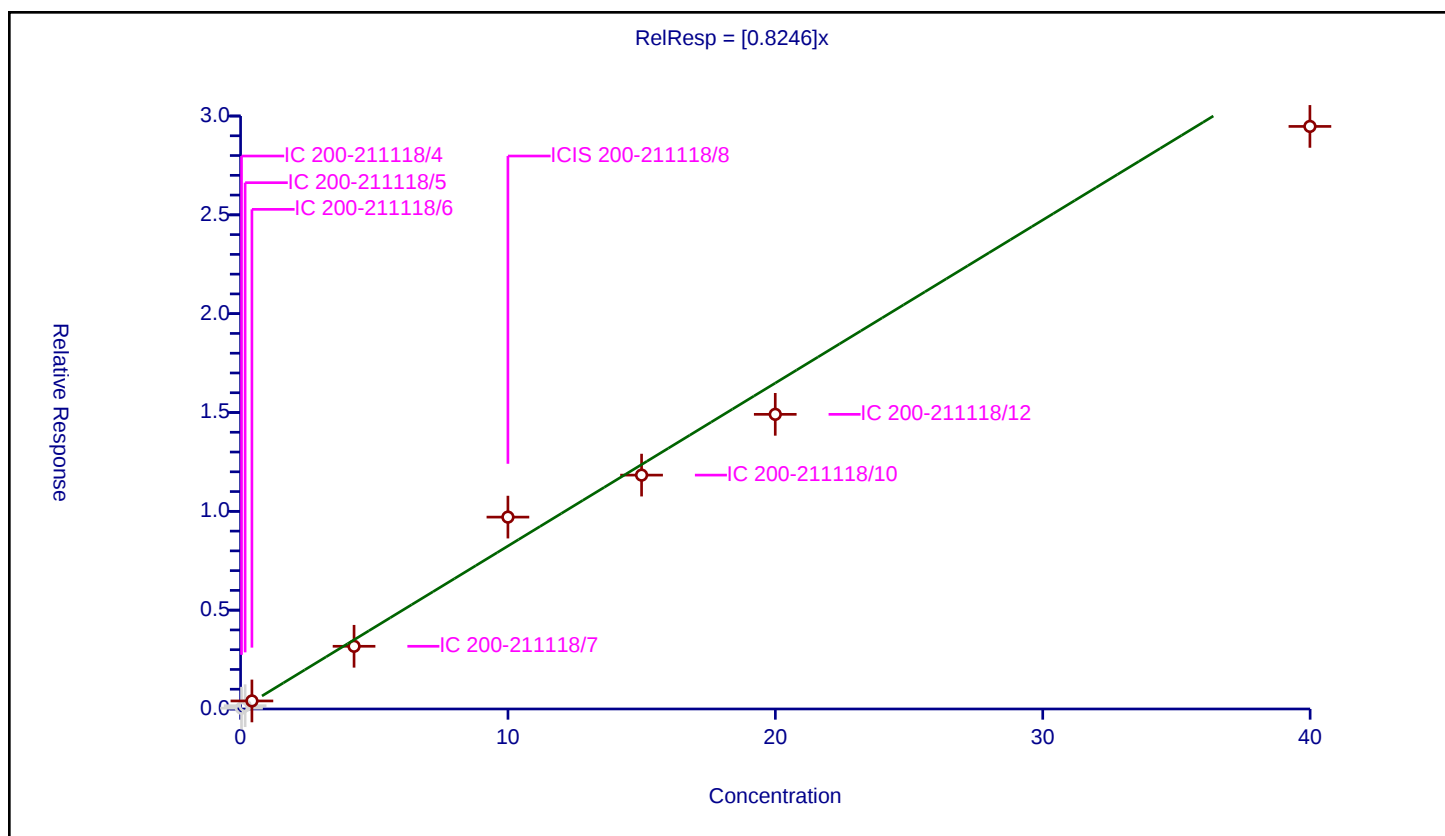
Curve Coefficients

Intercept: 0
 Slope: 0.8246

Error Coefficients

Relative Standard Deviation: 13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.041481	10.0	673324.0	1.182565	N
2	IC 200-211118/5	0.170374	0.166276	10.0	652110.0	0.975946	N
3	IC 200-211118/6	0.424368	0.406341	10.0	697173.0	0.957521	Y
4	IC 200-211118/7	4.243678	3.172934	10.0	720059.0	0.747685	Y
5	ICIS 200-211118/8	9.99806	9.707794	10.0	541262.0	0.970968	Y
6	IC 200-211118/10	14.99709	11.832422	10.0	711408.0	0.788981	Y
7	IC 200-211118/12	19.99612	14.907559	10.0	700556.0	0.745523	Y
8	IC 200-211118/13	39.99224	29.474274	10.0	698805.0	0.737	Y



Calibration

/ 2-Methylbutane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

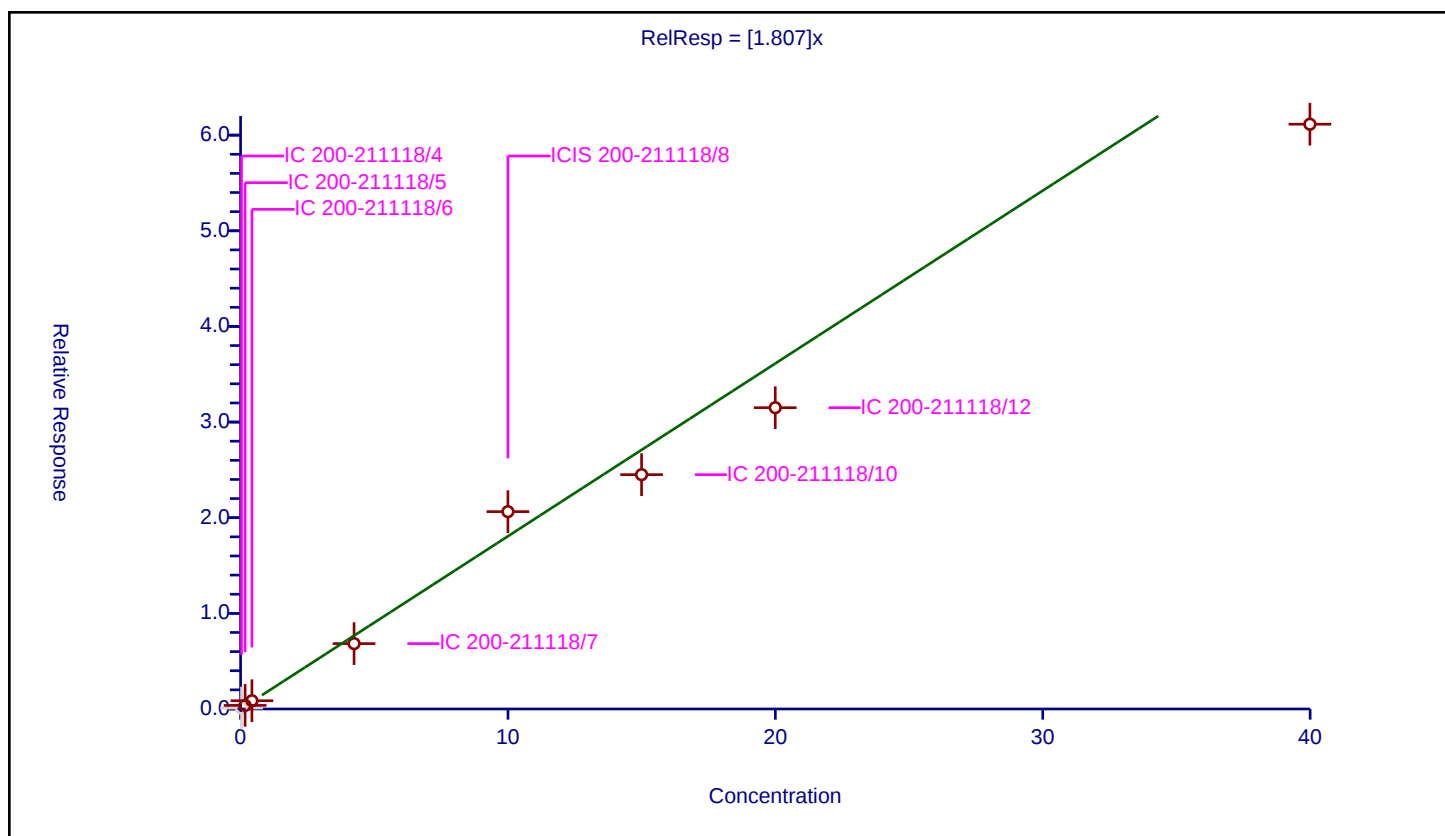
Curve Coefficients

Intercept: 0
Slope: 1.807

Error Coefficients

Relative Standard Deviation: 15.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.095006	10.0	673324.0	2.708511	N
2	IC 200-211118/5	0.170374	0.374385	10.0	652110.0	2.197432	Y
3	IC 200-211118/6	0.424368	0.86386	10.0	697173.0	2.03564	Y
4	IC 200-211118/7	4.243678	6.834829	10.0	720059.0	1.610591	Y
5	ICIS 200-211118/8	9.99806	20.634055	10.0	541262.0	2.063806	Y
6	IC 200-211118/10	14.99709	24.50269	10.0	711408.0	1.63383	Y
7	IC 200-211118/12	19.99612	31.501607	10.0	700556.0	1.575386	Y
8	IC 200-211118/13	39.99224	61.143008	10.0	698805.0	1.528872	Y



Calibration

/ Vinyl bromide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

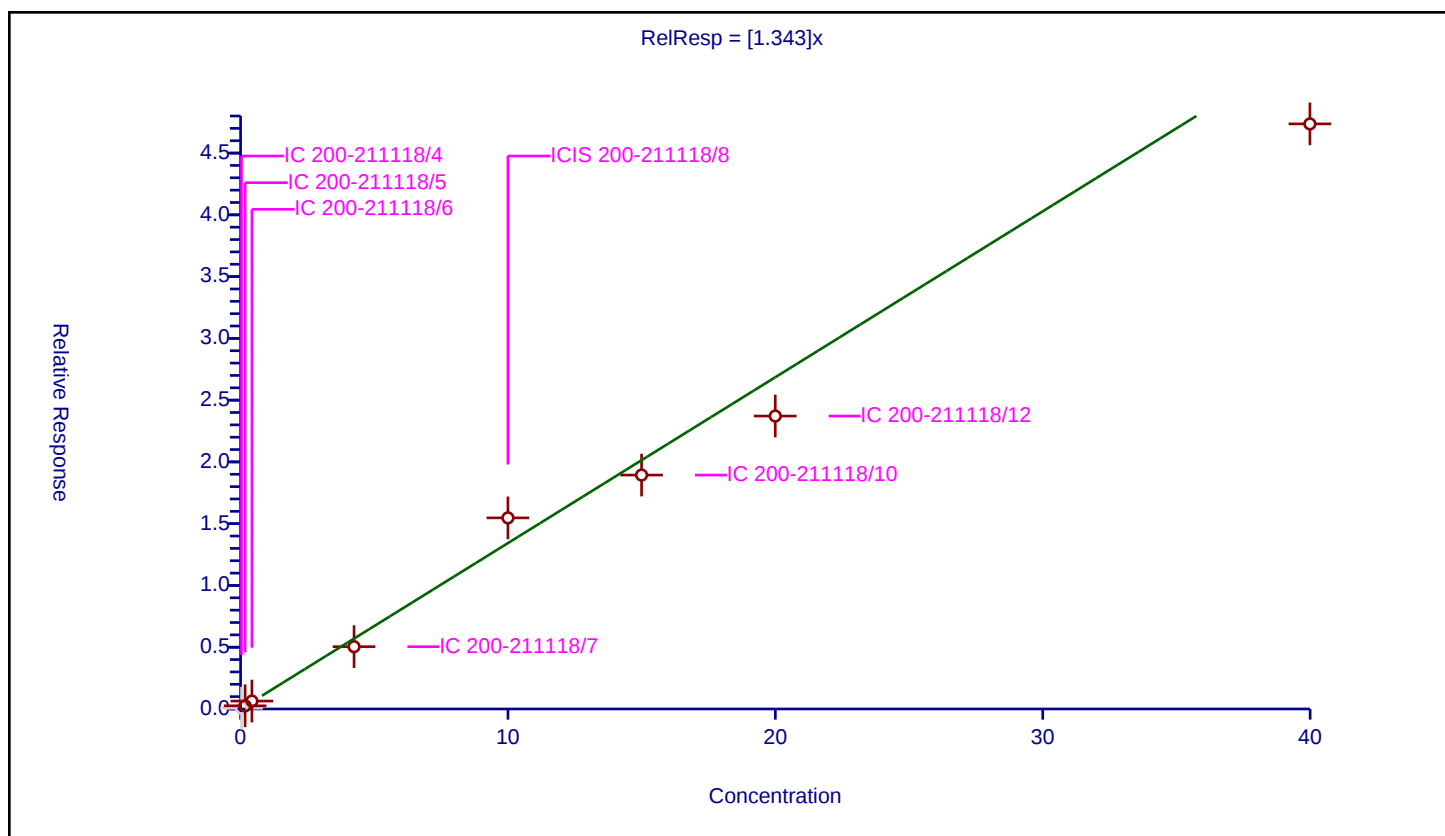
Curve Coefficients

Intercept: 0
 Slope: 1.343

Error Coefficients

Relative Standard Deviation: 13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.06159	10.0	673324.0	1.755853	N
2	IC 200-211118/5	0.170374	0.258607	10.0	652110.0	1.517879	Y
3	IC 200-211118/6	0.424368	0.642151	10.0	697173.0	1.513193	Y
4	IC 200-211118/7	4.243678	5.043517	10.0	720059.0	1.188478	Y
5	ICIS 200-211118/8	9.99806	15.47016	10.0	541262.0	1.547316	Y
6	IC 200-211118/10	14.99709	18.935801	10.0	711408.0	1.262632	Y
7	IC 200-211118/12	19.99612	23.71375	10.0	700556.0	1.185918	Y
8	IC 200-211118/13	39.99224	47.362955	10.0	698805.0	1.184304	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

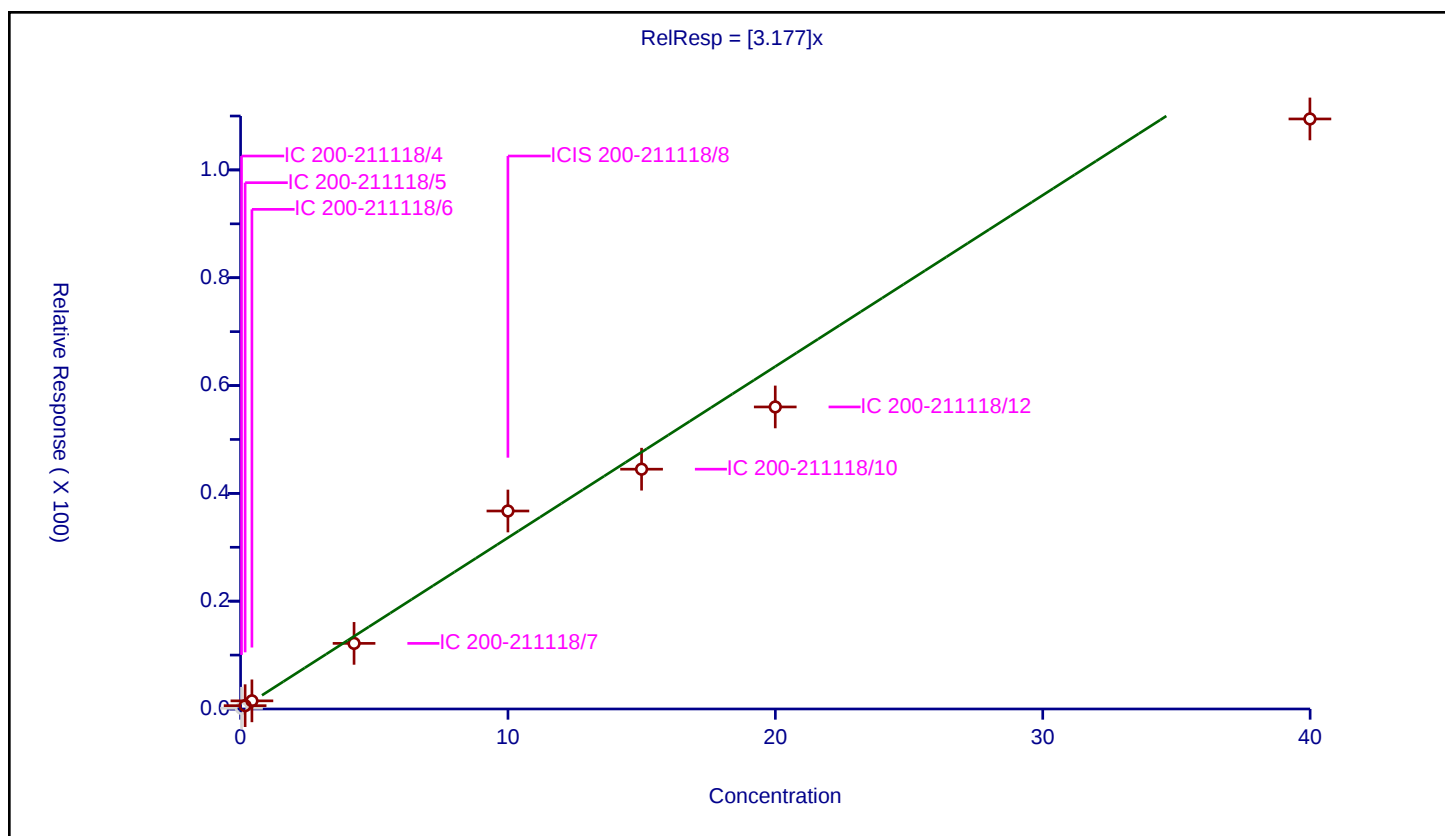
Curve Coefficients

Intercept: 0
 Slope: 3.177

Error Coefficients

Relative Standard Deviation: 13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.137675	10.0	673324.0	3.924948	N
2	IC 200-211118/5	0.170374	0.618071	10.0	652110.0	3.627734	Y
3	IC 200-211118/6	0.424368	1.512824	10.0	697173.0	3.564888	Y
4	IC 200-211118/7	4.243678	12.171308	10.0	720059.0	2.868103	Y
5	ICIS 200-211118/8	9.99806	36.72835	10.0	541262.0	3.673548	Y
6	IC 200-211118/10	14.99709	44.484684	10.0	711408.0	2.966221	Y
7	IC 200-211118/12	19.99612	56.029996	10.0	700556.0	2.802043	Y
8	IC 200-211118/13	39.99224	109.456901	10.0	698805.0	2.736954	Y



Calibration

/ Pentane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

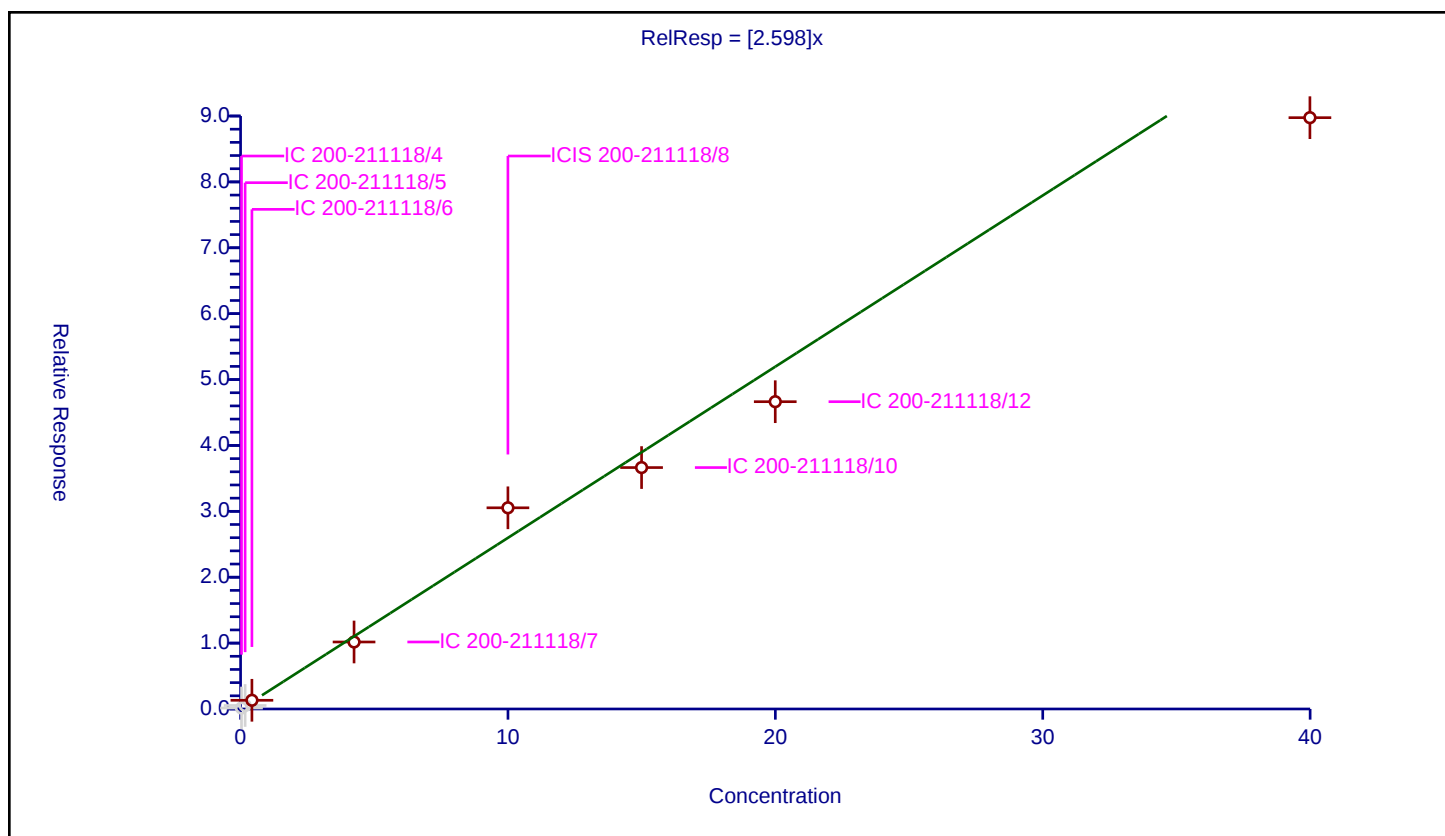
Curve Coefficients

Intercept: 0
 Slope: 2.598

Error Coefficients

Relative Standard Deviation: 14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.148888	10.0	673324.0	4.244618	N
2	IC 200-211118/5	0.170374	0.532886	10.0	652110.0	3.127745	N
3	IC 200-211118/6	0.424368	1.323029	10.0	697173.0	3.117646	Y
4	IC 200-211118/7	4.243678	10.169181	10.0	720059.0	2.396313	Y
5	ICIS 200-211118/8	9.99806	30.53366	10.0	541262.0	3.053959	Y
6	IC 200-211118/10	14.99709	36.641955	10.0	711408.0	2.443271	Y
7	IC 200-211118/12	19.99612	46.641625	10.0	700556.0	2.332534	Y
8	IC 200-211118/13	39.99224	89.74714	10.0	698805.0	2.244114	Y



Calibration

/ Ethanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

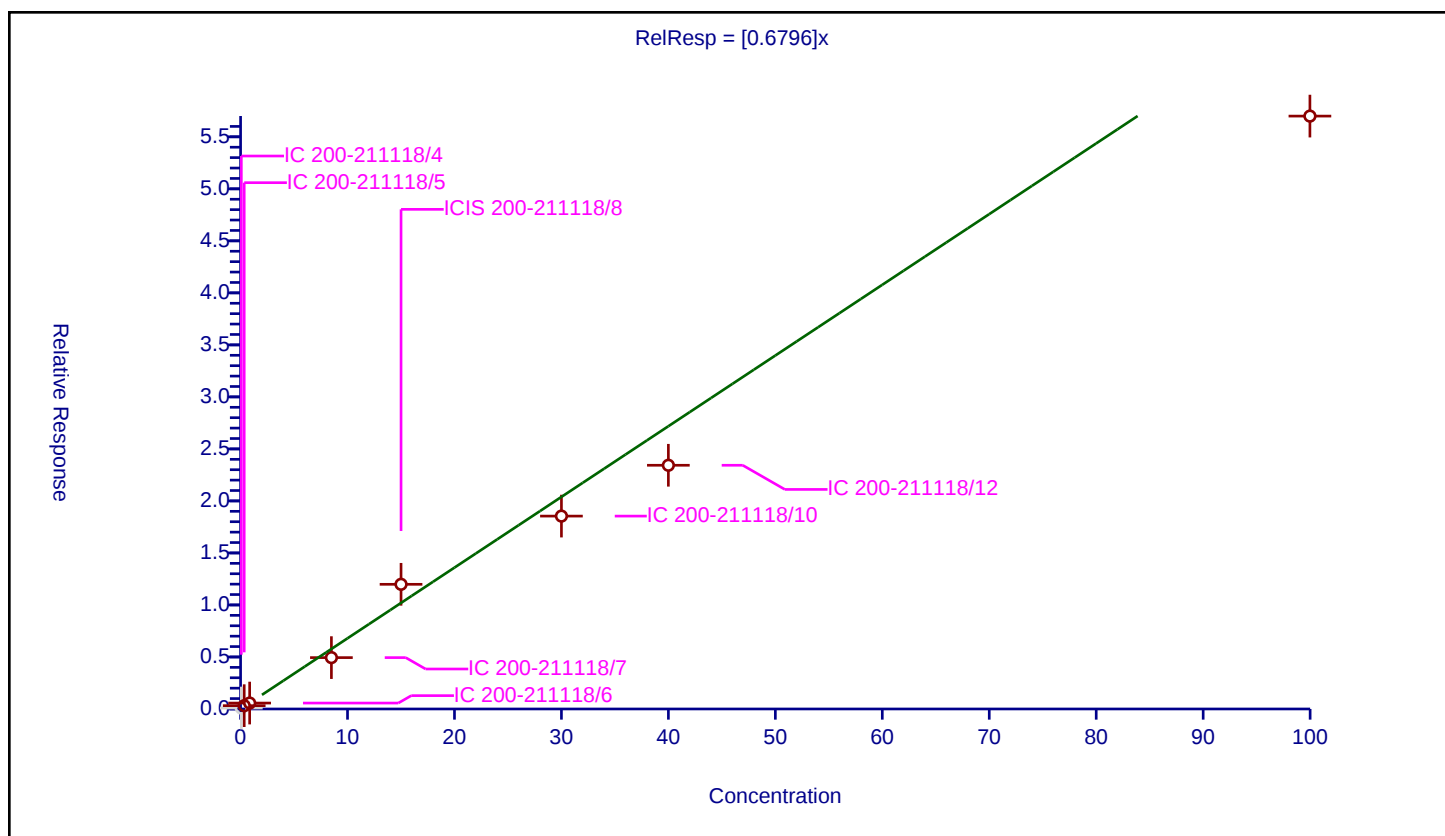
Curve Coefficients

Intercept: 0
Slope: 0.6796

Error Coefficients

Relative Standard Deviation: 20.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.070165	0.09113	10.0	673324.0	1.298791	N
2	IC 200-211118/5	0.340803	0.31786	10.0	652110.0	0.932682	Y
3	IC 200-211118/6	0.849285	0.569428	10.0	697173.0	0.670479	Y
4	IC 200-211118/7	8.492854	4.937457	10.0	720059.0	0.581366	Y
5	ICIS 200-211118/8	15.003557	11.985083	10.0	541262.0	0.798816	Y
6	IC 200-211118/10	29.99903	18.542693	10.0	711408.0	0.61811	Y
7	IC 200-211118/12	39.998707	23.428819	10.0	700556.0	0.585739	Y
8	IC 200-211118/13	99.980599	56.991206	10.0	698805.0	0.570023	Y



Calibration

/ Ethyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

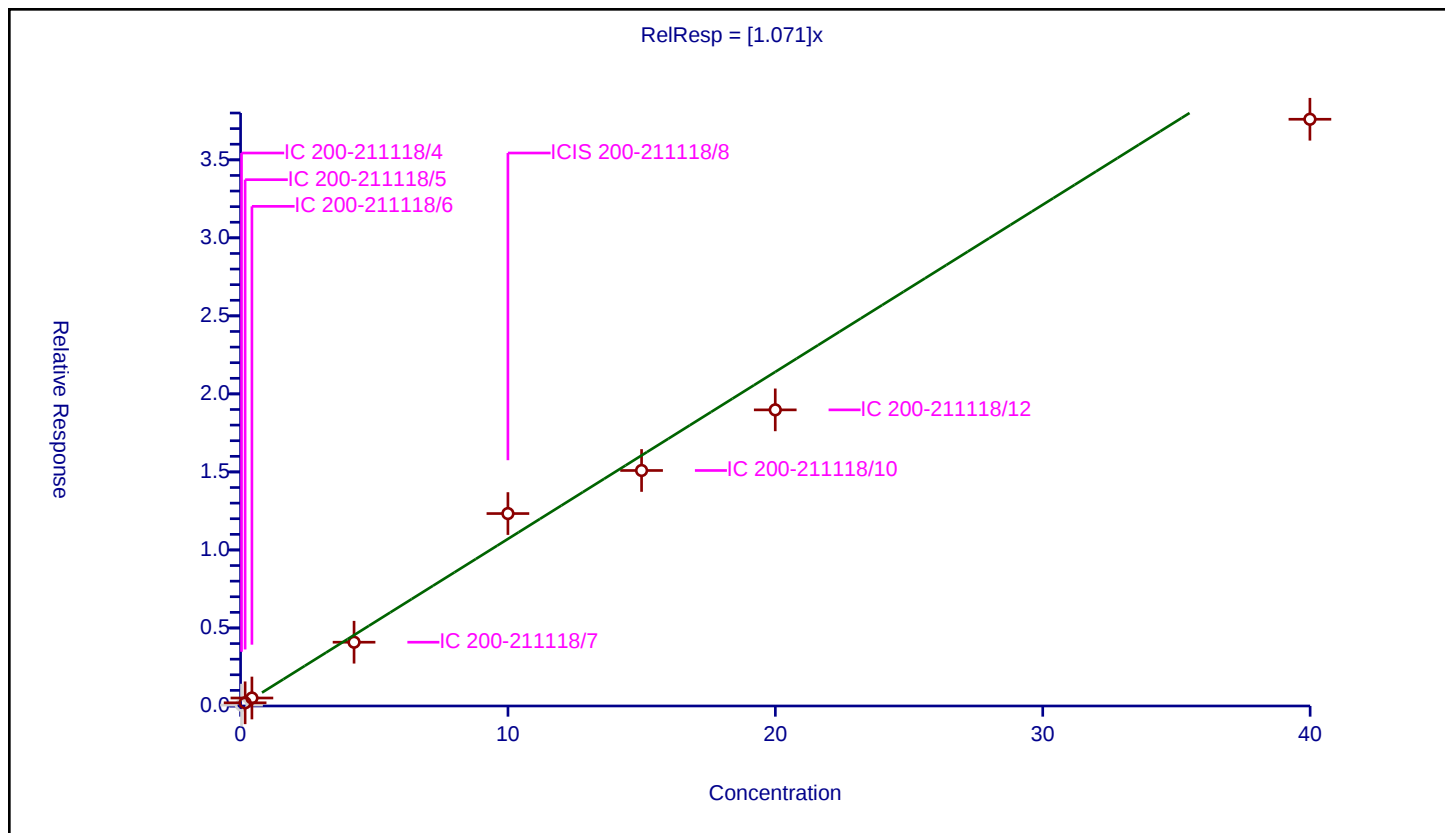
Curve Coefficients

Intercept: 0
 Slope: 1.071

Error Coefficients

Relative Standard Deviation: 12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.055337	10.0	673324.0	1.5776	N
2	IC 200-211118/5	0.170374	0.203739	10.0	652110.0	1.195834	Y
3	IC 200-211118/6	0.424368	0.512341	10.0	697173.0	1.207303	Y
4	IC 200-211118/7	4.243678	4.086235	10.0	720059.0	0.962899	Y
5	ICIS 200-211118/8	9.99806	12.332031	10.0	541262.0	1.233442	Y
6	IC 200-211118/10	14.99709	15.091354	10.0	711408.0	1.006286	Y
7	IC 200-211118/12	19.99612	18.977312	10.0	700556.0	0.94905	Y
8	IC 200-211118/13	39.99224	37.600404	10.0	698805.0	0.940192	Y



Calibration

/ Acrolein

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

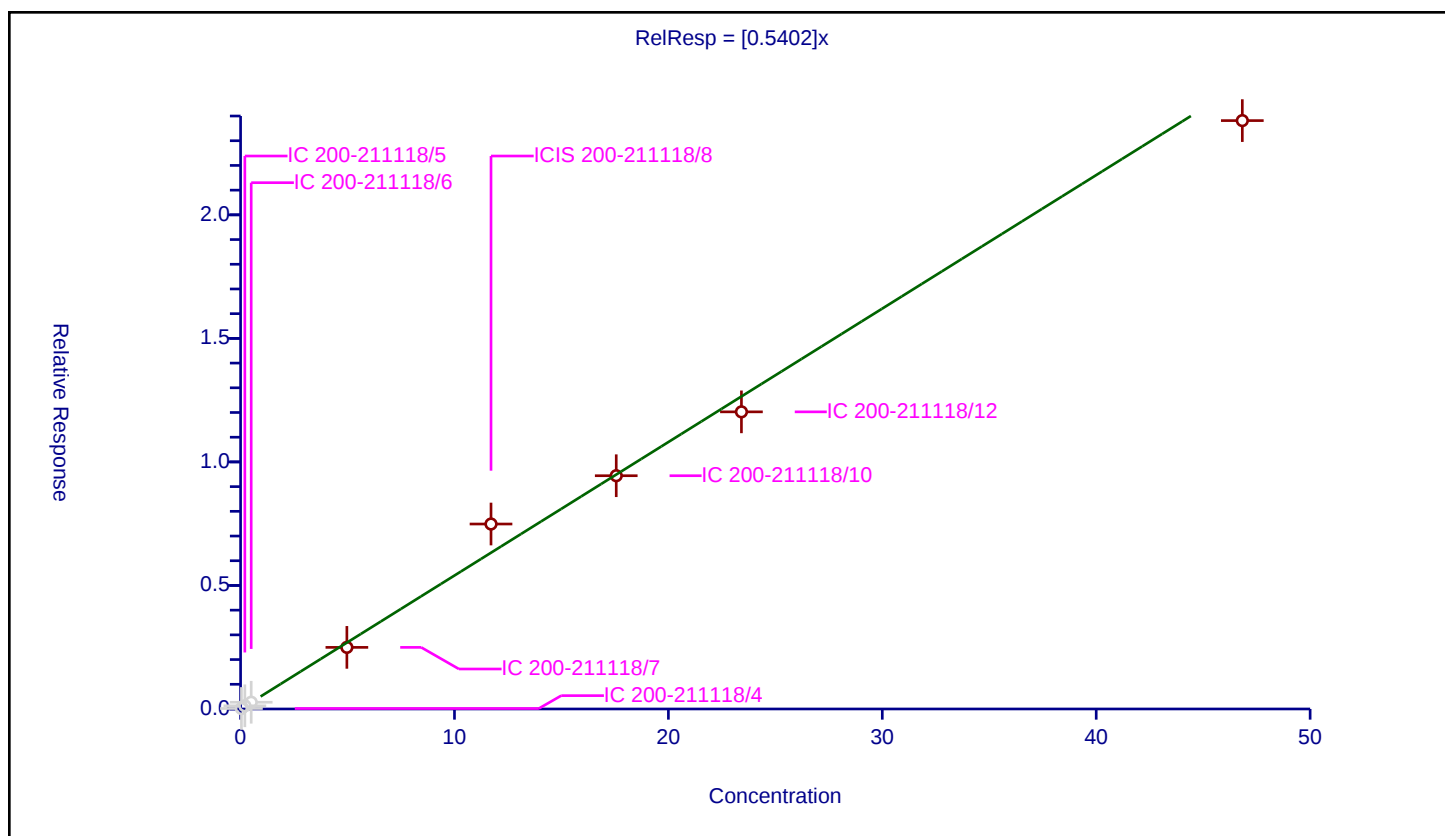
Curve Coefficients

Intercept: 0
Slope: 0.5402

Error Coefficients

Relative Standard Deviation: 10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.041075	0.019886	10.0	673324.0	0.484148	N
2	IC 200-211118/5	0.199508	0.129227	10.0	652110.0	0.647728	N
3	IC 200-211118/6	0.496935	0.273017	10.0	697173.0	0.549402	N
4	IC 200-211118/7	4.969347	2.494171	10.0	720059.0	0.501911	Y
5	ICIS 200-211118/8	11.707728	7.487021	10.0	541262.0	0.639494	Y
6	IC 200-211118/10	17.561592	9.441685	10.0	711408.0	0.537633	Y
7	IC 200-211118/12	23.415456	12.026048	10.0	700556.0	0.513594	Y
8	IC 200-211118/13	46.830913	23.813897	10.0	698805.0	0.508508	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

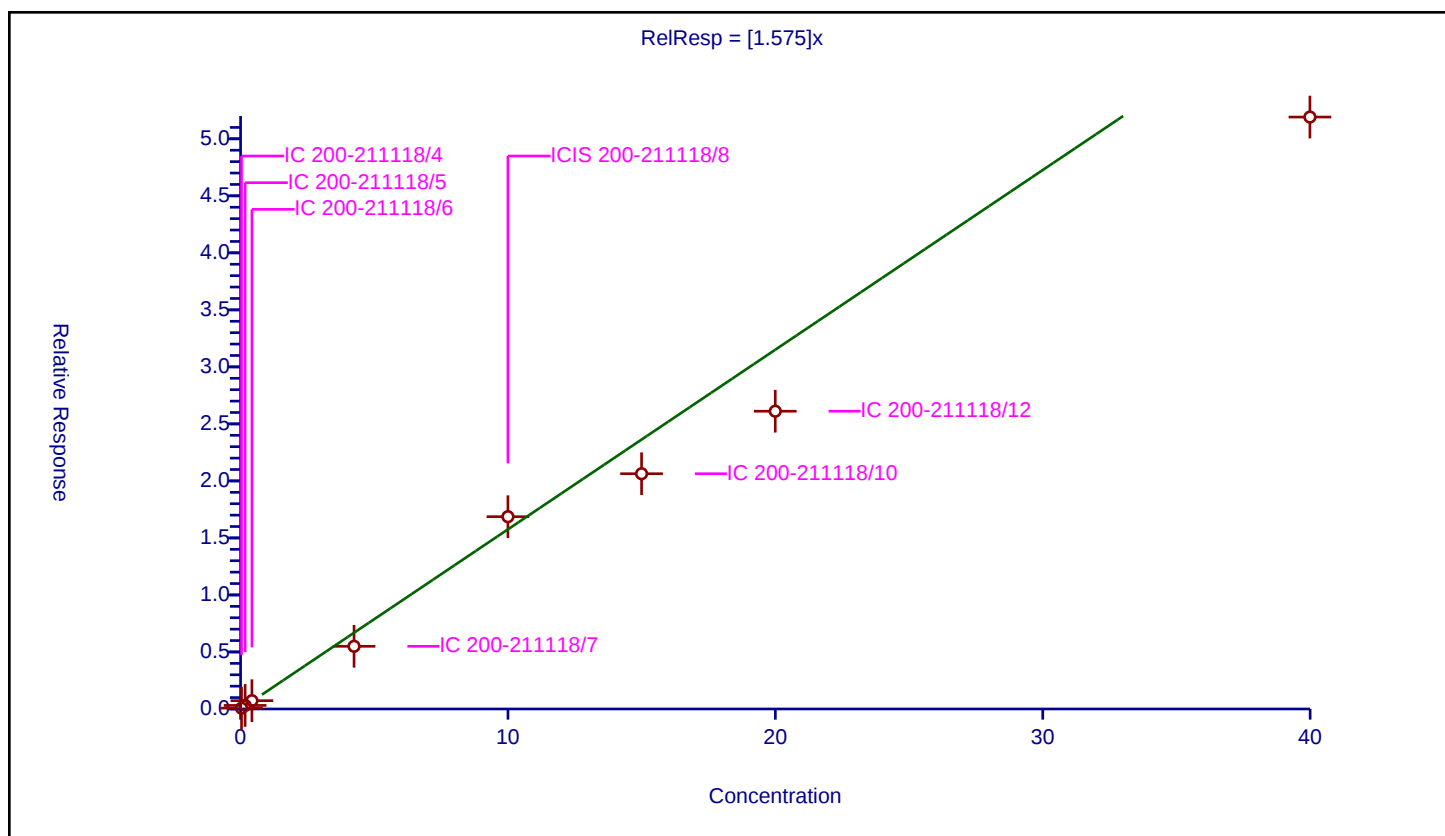
Curve Coefficients

Intercept: 0
 Slope: 1.575

Error Coefficients

Relative Standard Deviation: 19.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.073308	10.0	673324.0	2.089918	Y
2	IC 200-211118/5	0.170374	0.312463	10.0	652110.0	1.833984	Y
3	IC 200-211118/6	0.424368	0.728872	10.0	697173.0	1.717548	Y
4	IC 200-211118/7	4.243678	5.497661	10.0	720059.0	1.295494	Y
5	ICIS 200-211118/8	9.99806	16.864587	10.0	541262.0	1.686786	Y
6	IC 200-211118/10	14.99709	20.630665	10.0	711408.0	1.375645	Y
7	IC 200-211118/12	19.99612	26.11293	10.0	700556.0	1.3059	Y
8	IC 200-211118/13	39.99224	51.909174	10.0	698805.0	1.297981	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

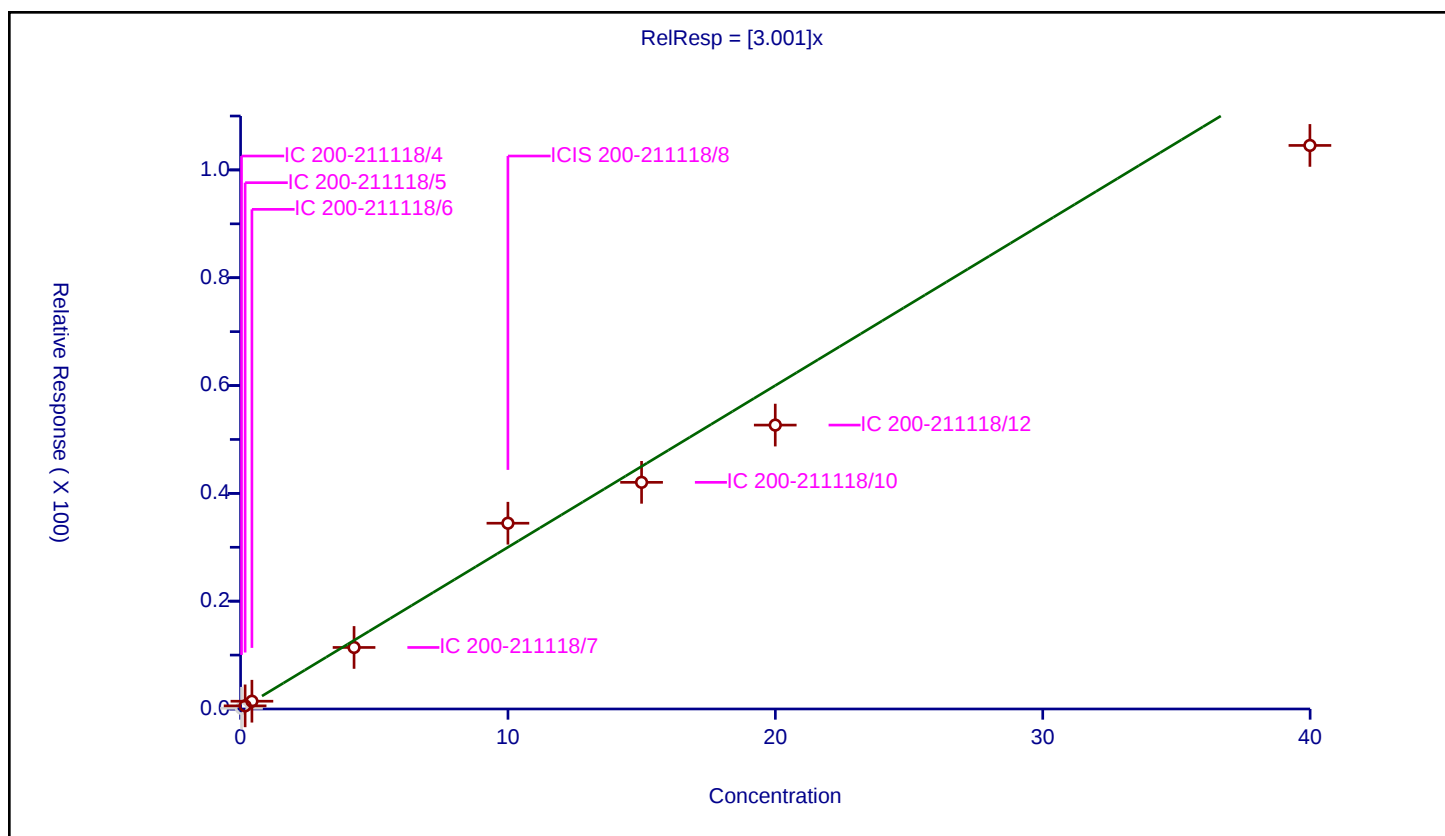
Curve Coefficients

Intercept: 0
Slope: 3.001

Error Coefficients

Relative Standard Deviation: 13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.13769	10.0	673324.0	3.925372	N
2	IC 200-211118/5	0.170374	0.582218	10.0	652110.0	3.417298	Y
3	IC 200-211118/6	0.424368	1.442138	10.0	697173.0	3.398322	Y
4	IC 200-211118/7	4.243678	11.416551	10.0	720059.0	2.690249	Y
5	ICIS 200-211118/8	9.99806	34.464437	10.0	541262.0	3.447112	Y
6	IC 200-211118/10	14.99709	42.04486	10.0	711408.0	2.803535	Y
7	IC 200-211118/12	19.99612	52.665954	10.0	700556.0	2.633809	Y
8	IC 200-211118/13	39.99224	104.54131	10.0	698805.0	2.61404	Y



Calibration

/ Acetone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

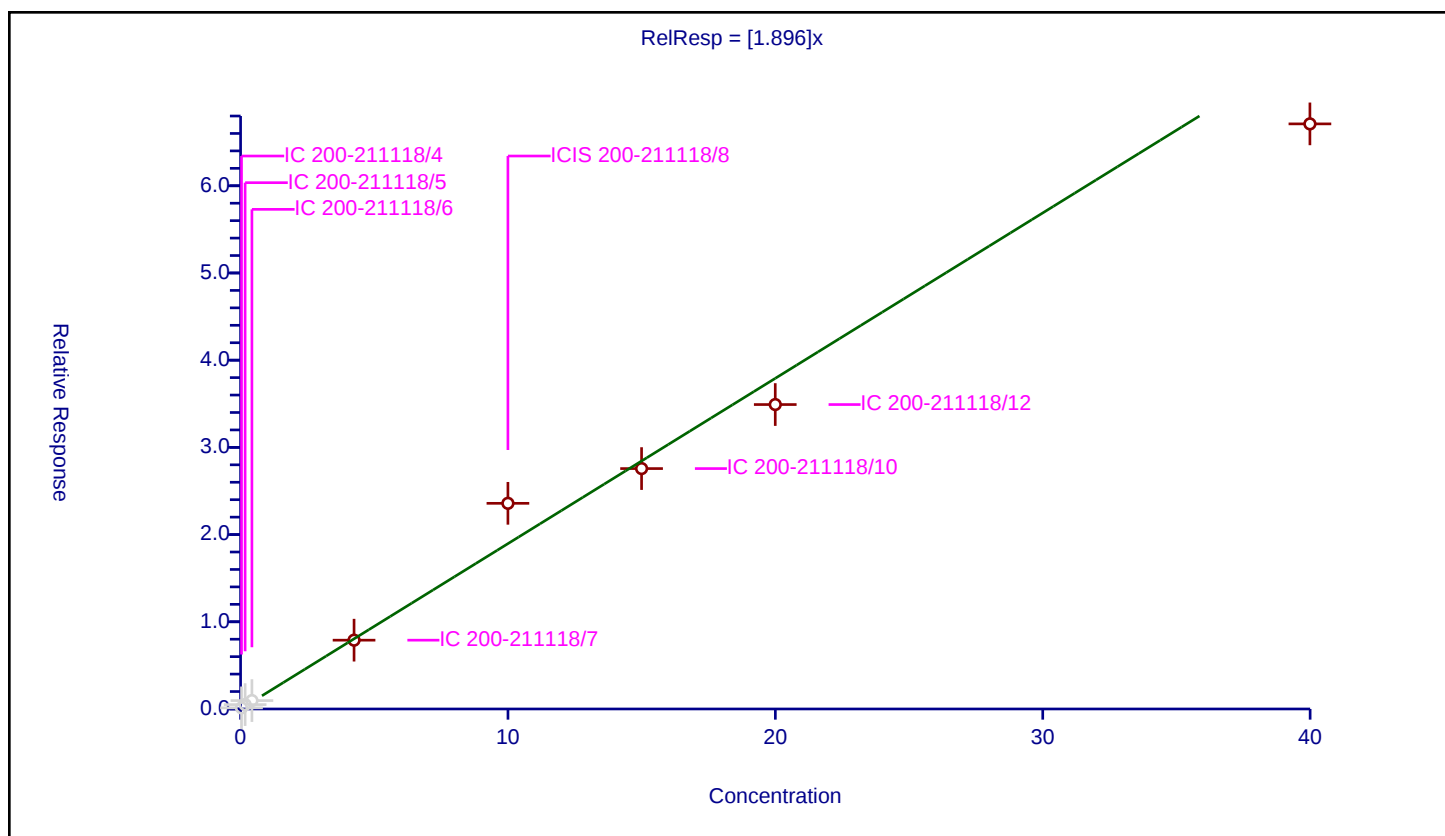
Curve Coefficients

Intercept: 0
Slope: 1.896

Error Coefficients

Relative Standard Deviation: 14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.129908	10.0	673324.0	3.703508	N
2	IC 200-211118/5	0.170374	0.50378	10.0	652110.0	2.956912	N
3	IC 200-211118/6	0.424368	0.965614	10.0	697173.0	2.275417	N
4	IC 200-211118/7	4.243678	7.892325	10.0	720059.0	1.859784	Y
5	ICIS 200-211118/8	9.99806	23.585306	10.0	541262.0	2.358988	Y
6	IC 200-211118/10	14.99709	27.570916	10.0	711408.0	1.838418	Y
7	IC 200-211118/12	19.99612	34.912427	10.0	700556.0	1.74596	Y
8	IC 200-211118/13	39.99224	67.096973	10.0	698805.0	1.67775	Y



Calibration

/ Isopropyl alcohol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

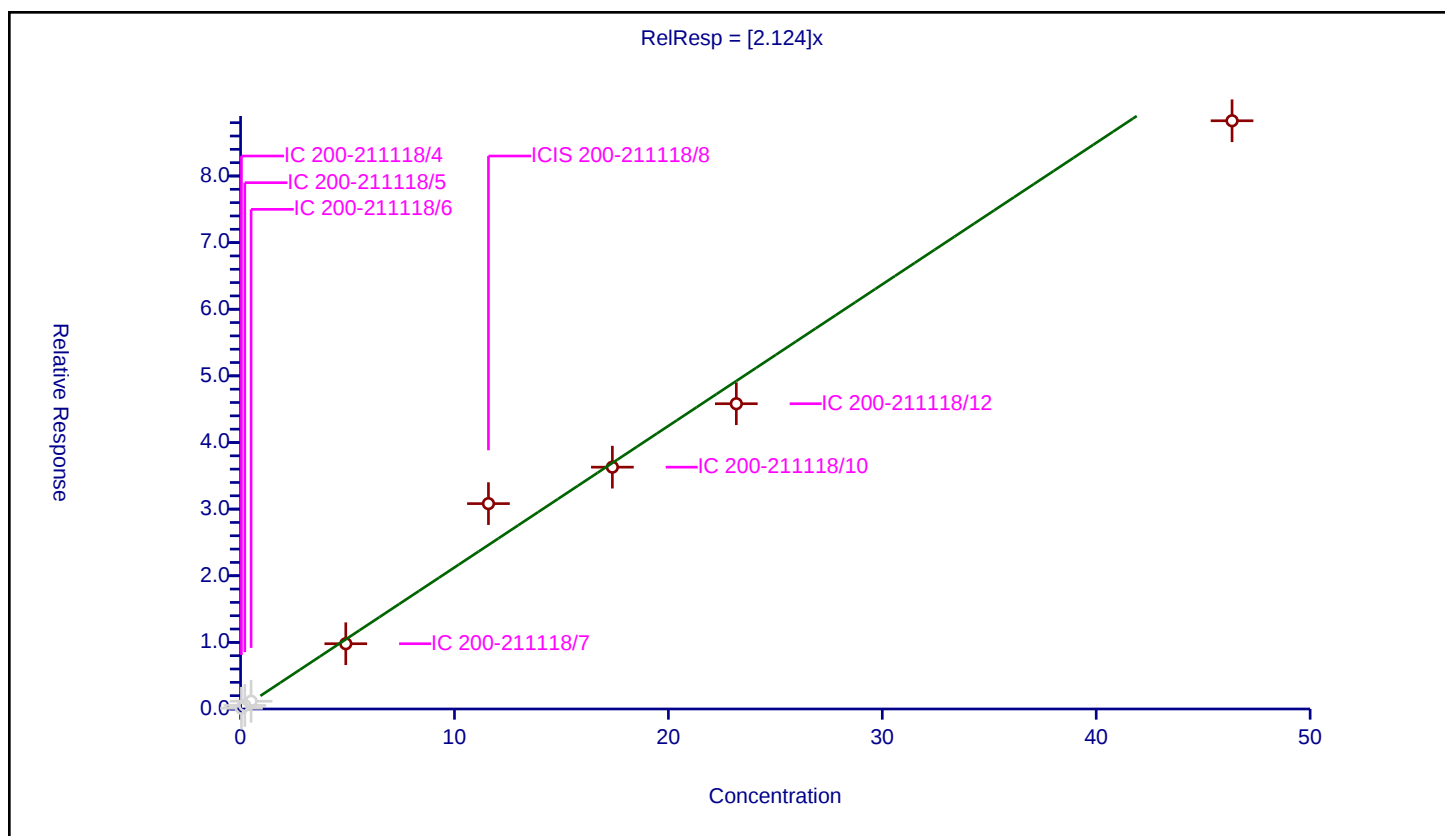
Curve Coefficients

Intercept: 0
 Slope: 2.124

Error Coefficients

Relative Standard Deviation: 14.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.040654	0.109813	10.0	673324.0	2.701159	N
2	IC 200-211118/5	0.197463	0.530355	10.0	652110.0	2.685845	N
3	IC 200-211118/6	0.491842	1.162065	10.0	697173.0	2.362677	N
4	IC 200-211118/7	4.918423	9.7961	10.0	720059.0	1.991716	Y
5	ICIS 200-211118/8	11.587751	30.826513	10.0	541262.0	2.660267	Y
6	IC 200-211118/10	17.381627	36.296092	10.0	711408.0	2.088187	Y
7	IC 200-211118/12	23.175503	45.816609	10.0	700556.0	1.976941	Y
8	IC 200-211118/13	46.351006	88.287777	10.0	698805.0	1.904765	Y



Calibration

/ Carbon disulfide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

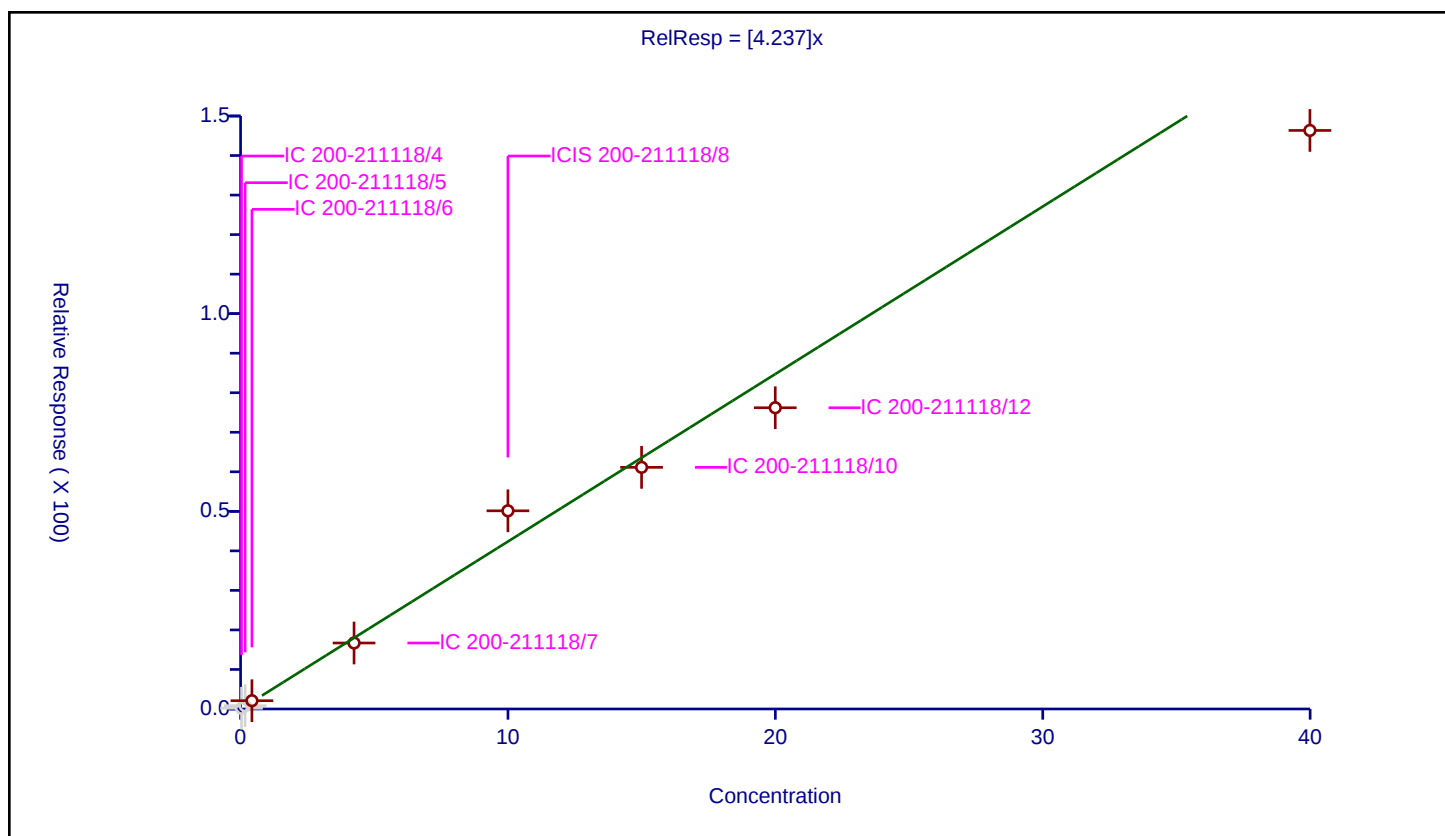
Curve Coefficients

Intercept: 0
 Slope: 4.237

Error Coefficients

Relative Standard Deviation: 13.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.194438	10.0	673324.0	5.543195	N
2	IC 200-211118/5	0.170374	0.833847	10.0	652110.0	4.894224	N
3	IC 200-211118/6	0.424368	2.091317	10.0	697173.0	4.928077	Y
4	IC 200-211118/7	4.243678	16.689132	10.0	720059.0	3.932704	Y
5	ICIS 200-211118/8	9.99806	50.133484	10.0	541262.0	5.014321	Y
6	IC 200-211118/10	14.99709	61.124292	10.0	711408.0	4.075744	Y
7	IC 200-211118/12	19.99612	76.19999	10.0	700556.0	3.810739	Y
8	IC 200-211118/13	39.99224	146.353289	10.0	698805.0	3.659542	Y



Calibration

/ Acetonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

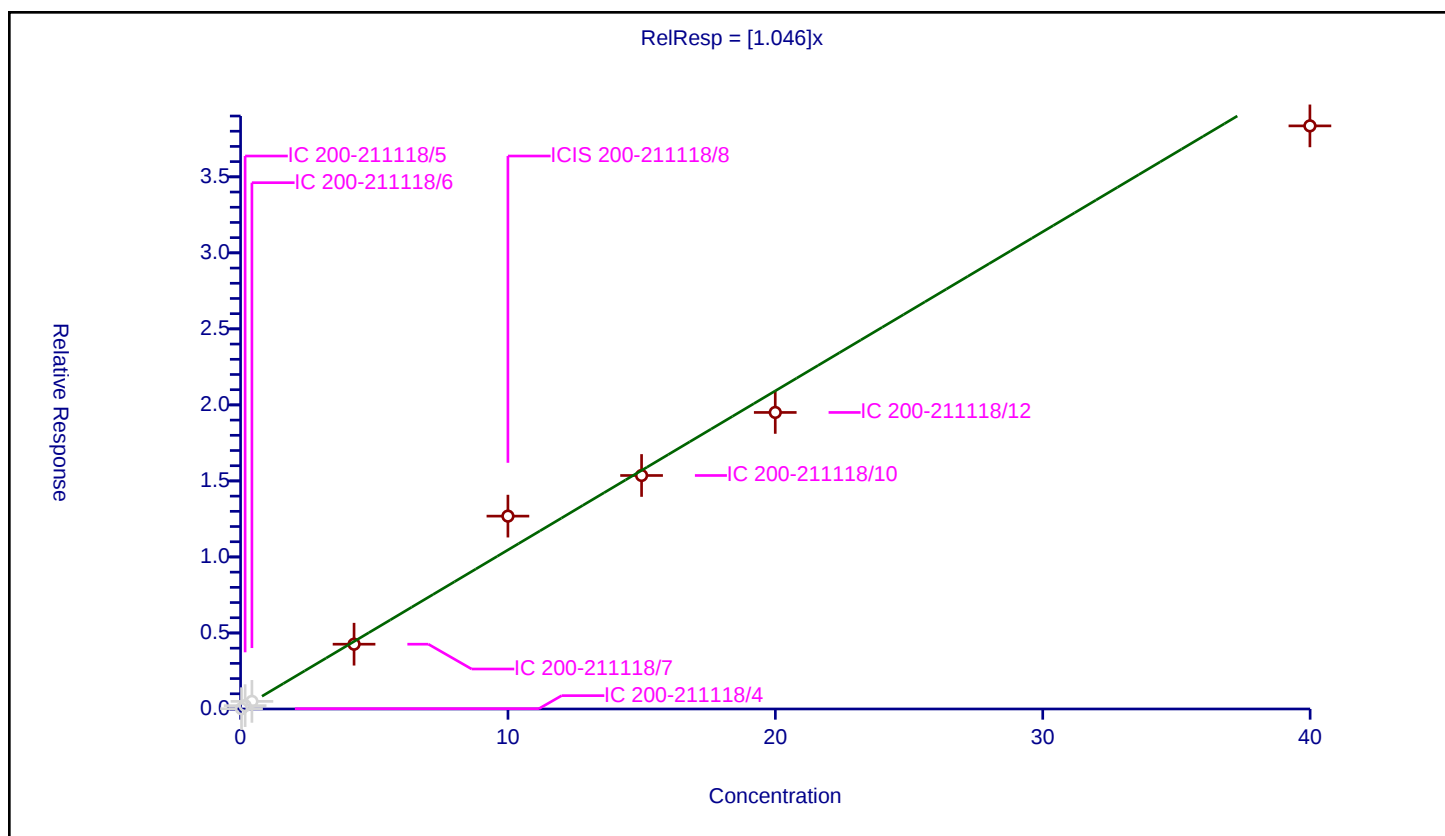
Curve Coefficients

Intercept: 0
 Slope: 1.046

Error Coefficients

Relative Standard Deviation: 12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.019768	10.0	673324.0	0.56355	N
2	IC 200-211118/5	0.170374	0.219733	10.0	652110.0	1.289711	N
3	IC 200-211118/6	0.424368	0.501396	10.0	697173.0	1.181514	N
4	IC 200-211118/7	4.243678	4.260679	10.0	720059.0	1.004006	Y
5	ICIS 200-211118/8	9.99806	12.685613	10.0	541262.0	1.268807	Y
6	IC 200-211118/10	14.99709	15.357277	10.0	711408.0	1.024017	Y
7	IC 200-211118/12	19.99612	19.503209	10.0	700556.0	0.97535	Y
8	IC 200-211118/13	39.99224	38.350455	10.0	698805.0	0.958947	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

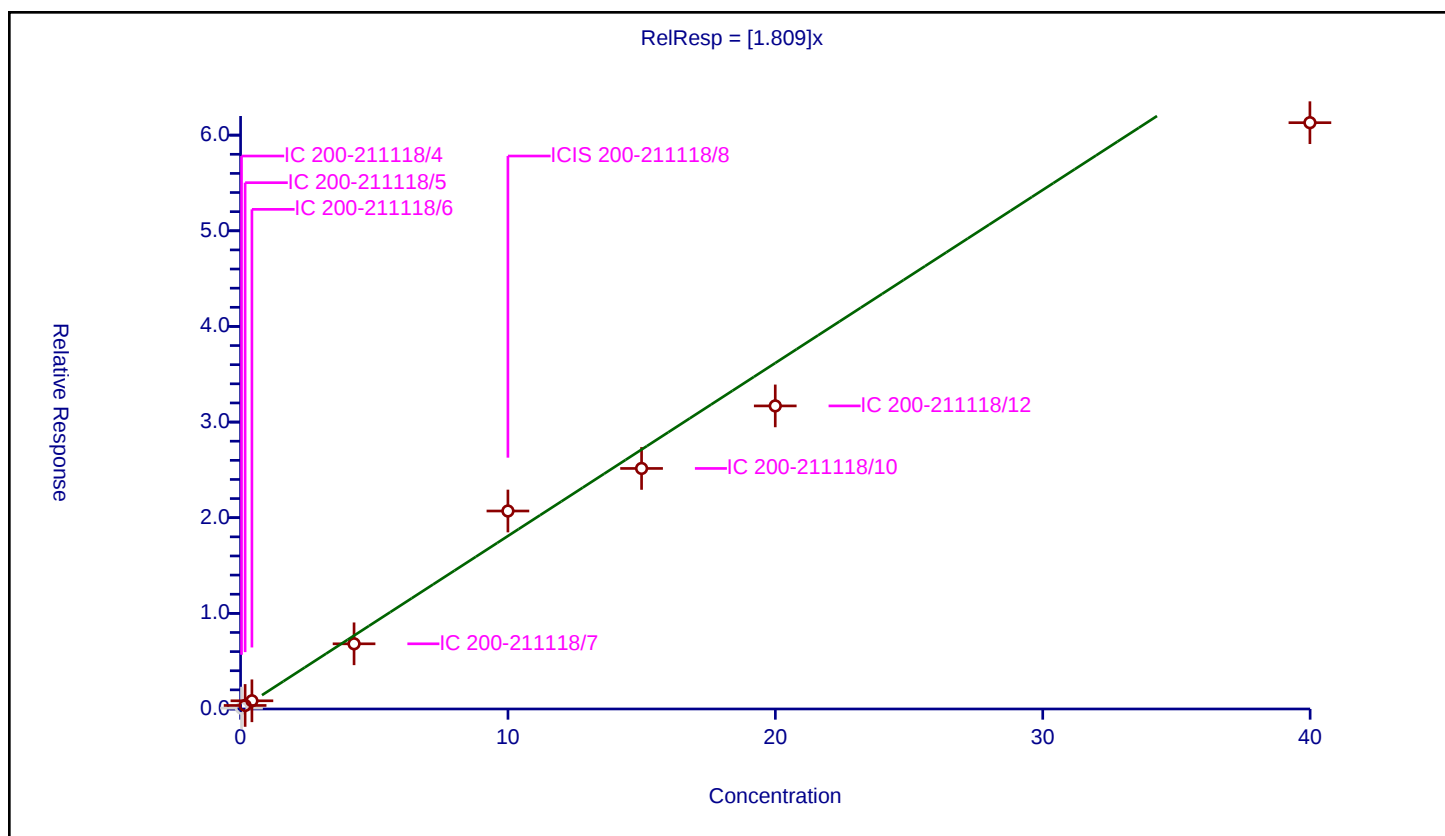
Curve Coefficients

Intercept: 0
Slope: 1.809

Error Coefficients

Relative Standard Deviation: 14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.089734	10.0	673324.0	2.558202	N
2	IC 200-211118/5	0.170374	0.370244	10.0	652110.0	2.17313	Y
3	IC 200-211118/6	0.424368	0.856545	10.0	697173.0	2.018402	Y
4	IC 200-211118/7	4.243678	6.814928	10.0	720059.0	1.605901	Y
5	ICIS 200-211118/8	9.99806	20.700899	10.0	541262.0	2.070492	Y
6	IC 200-211118/10	14.99709	25.150195	10.0	711408.0	1.677005	Y
7	IC 200-211118/12	19.99612	31.6904	10.0	700556.0	1.584827	Y
8	IC 200-211118/13	39.99224	61.304012	10.0	698805.0	1.532898	Y



Calibration

/ Methylene Chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

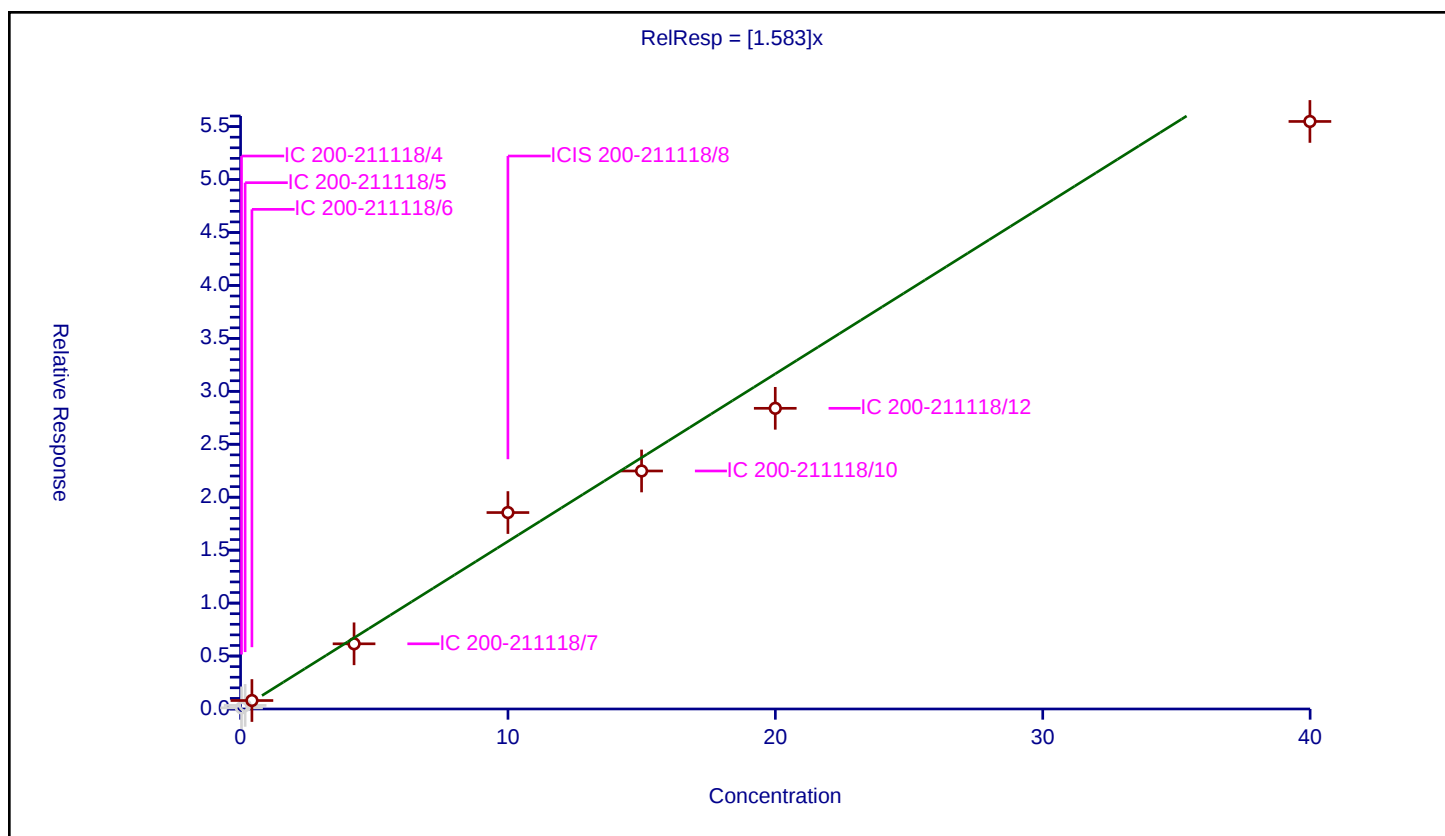
Curve Coefficients

Intercept: 0
 Slope: 1.583

Error Coefficients

Relative Standard Deviation: 14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.108269	10.0	673324.0	3.08661	N
2	IC 200-211118/5	0.170374	0.339191	10.0	652110.0	1.990866	N
3	IC 200-211118/6	0.424368	0.799457	10.0	697173.0	1.883878	Y
4	IC 200-211118/7	4.243678	6.157232	10.0	720059.0	1.450918	Y
5	ICIS 200-211118/8	9.99806	18.552346	10.0	541262.0	1.855595	Y
6	IC 200-211118/10	14.99709	22.478254	10.0	711408.0	1.498841	Y
7	IC 200-211118/12	19.99612	28.396245	10.0	700556.0	1.420088	Y
8	IC 200-211118/13	39.99224	55.486895	10.0	698805.0	1.387442	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

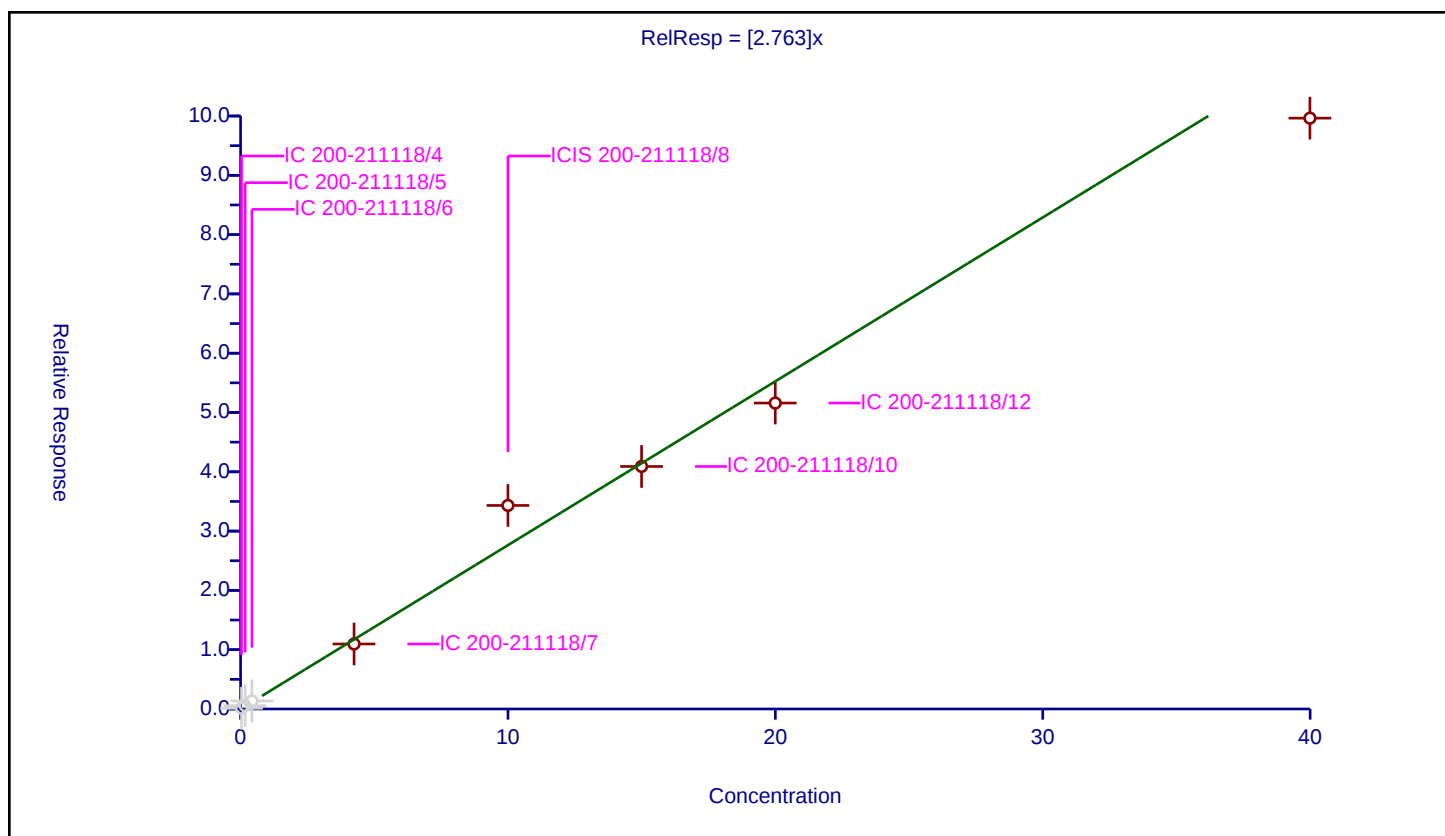
Curve Coefficients

Intercept: 0
Slope: 2.763

Error Coefficients

Relative Standard Deviation: 13.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.12165	10.0	673324.0	3.468096	N
2	IC 200-211118/5	0.170374	0.558985	10.0	652110.0	3.280937	N
3	IC 200-211118/6	0.424368	1.349909	10.0	697173.0	3.180988	N
4	IC 200-211118/7	4.243678	10.961157	10.0	720059.0	2.582938	Y
5	ICIS 200-211118/8	9.99806	34.324874	10.0	541262.0	3.433153	Y
6	IC 200-211118/10	14.99709	40.899695	10.0	711408.0	2.727175	Y
7	IC 200-211118/12	19.99612	51.592806	10.0	700556.0	2.580141	Y
8	IC 200-211118/13	39.99224	99.638869	10.0	698805.0	2.491455	Y



Calibration

/ Acrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

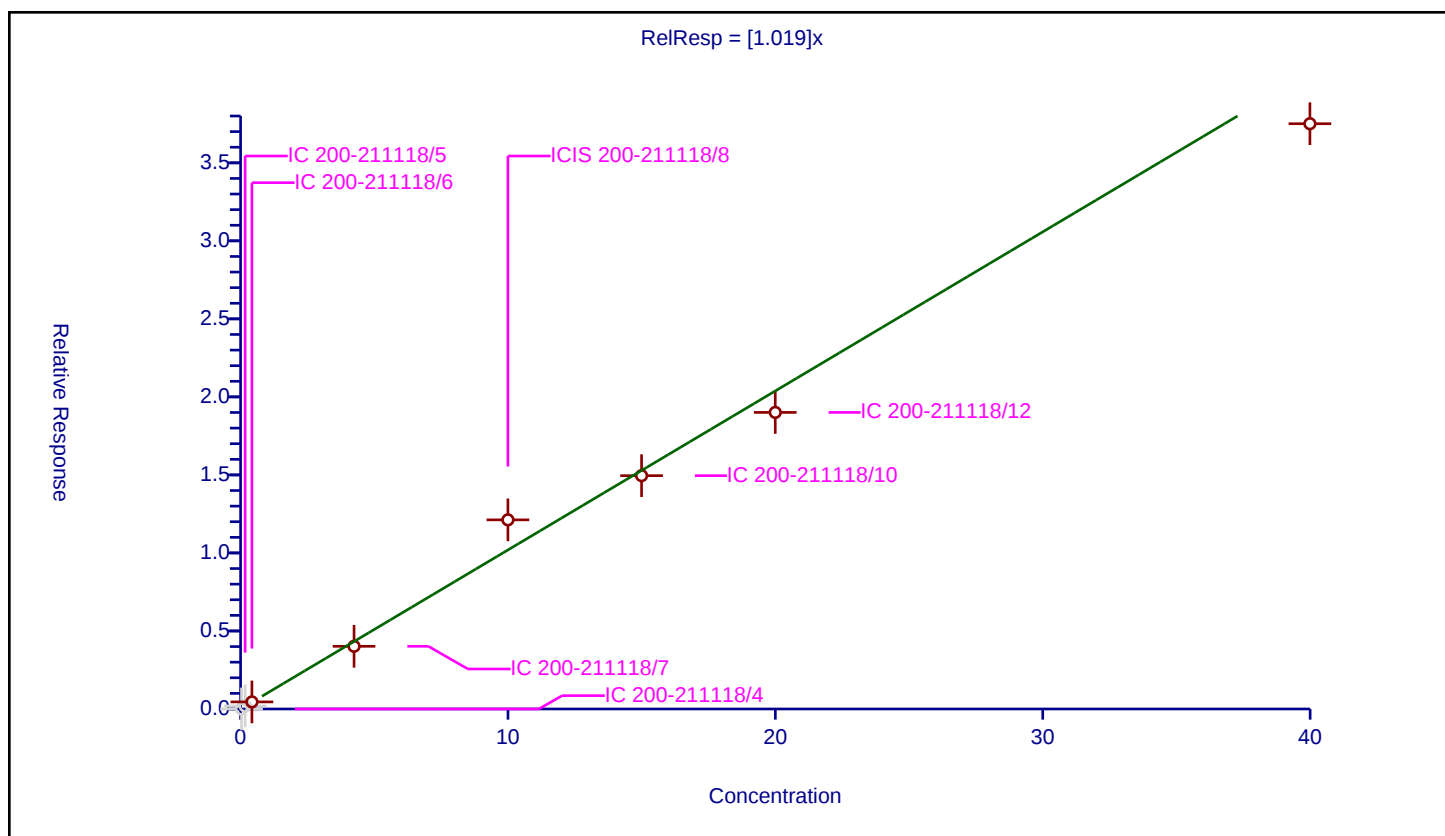
Curve Coefficients

Intercept: 0
Slope: 1.019

Error Coefficients

Relative Standard Deviation: 10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.001946	10.0	673324.0	0.055466	N
2	IC 200-211118/5	0.170374	0.193848	10.0	652110.0	1.137779	N
3	IC 200-211118/6	0.424368	0.454407	10.0	697173.0	1.070785	Y
4	IC 200-211118/7	4.243678	4.016976	10.0	720059.0	0.946579	Y
5	ICIS 200-211118/8	9.99806	12.12071	10.0	541262.0	1.212306	Y
6	IC 200-211118/10	14.99709	14.952559	10.0	711408.0	0.997031	Y
7	IC 200-211118/12	19.99612	19.005276	10.0	700556.0	0.950448	Y
8	IC 200-211118/13	39.99224	37.506643	10.0	698805.0	0.937848	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

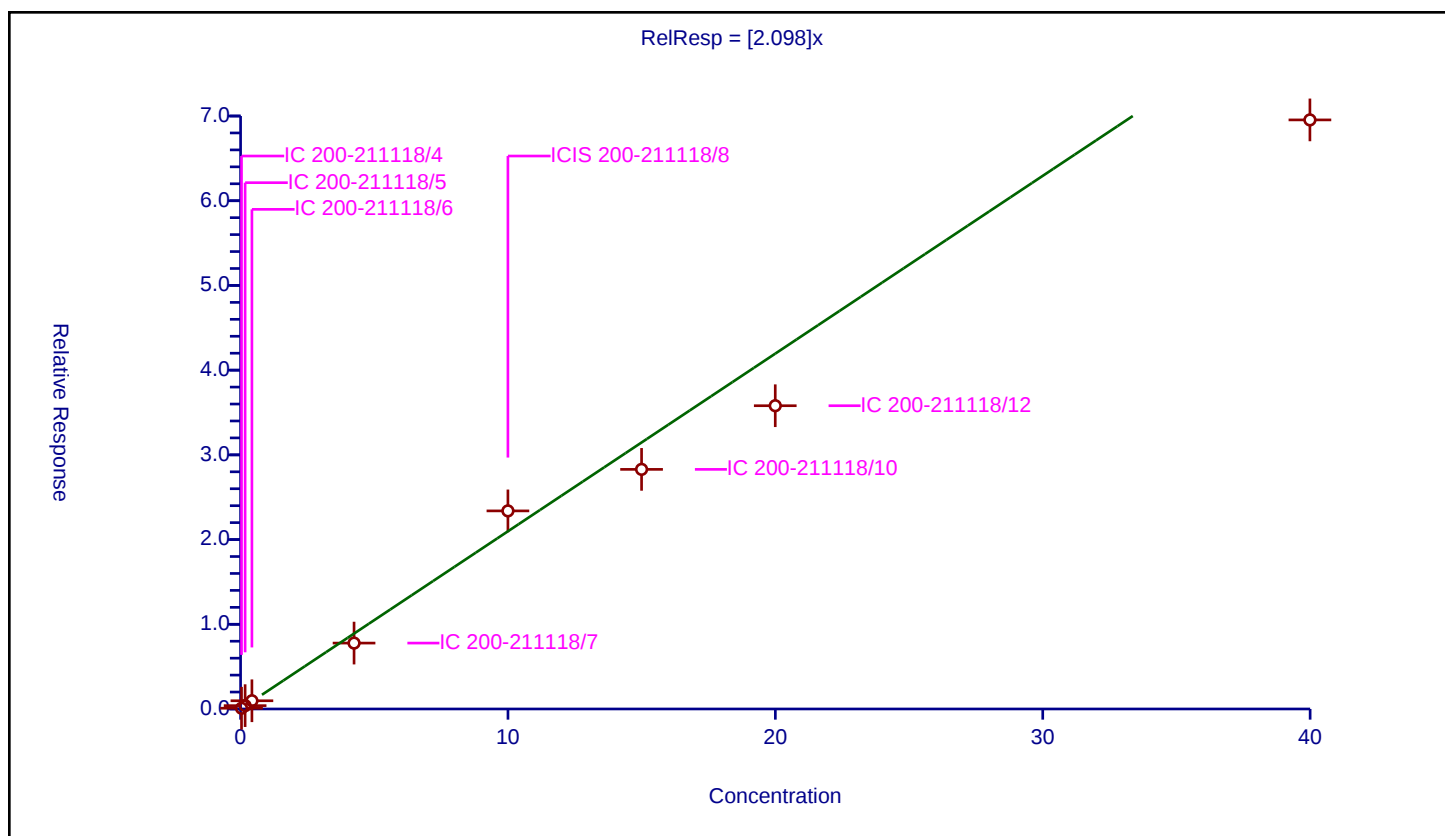
Curve Coefficients

Intercept: 0
Slope: 2.098

Error Coefficients

Relative Standard Deviation: 15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.090952	10.0	673324.0	2.592921	Y
2	IC 200-211118/5	0.170374	0.394857	10.0	652110.0	2.317592	Y
3	IC 200-211118/6	0.424368	0.969673	10.0	697173.0	2.284983	Y
4	IC 200-211118/7	4.243678	7.778988	10.0	720059.0	1.833077	Y
5	ICIS 200-211118/8	9.99806	23.385846	10.0	541262.0	2.339038	Y
6	IC 200-211118/10	14.99709	28.28689	10.0	711408.0	1.886159	Y
7	IC 200-211118/12	19.99612	35.801835	10.0	700556.0	1.790439	Y
8	IC 200-211118/13	39.99224	69.539743	10.0	698805.0	1.738831	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

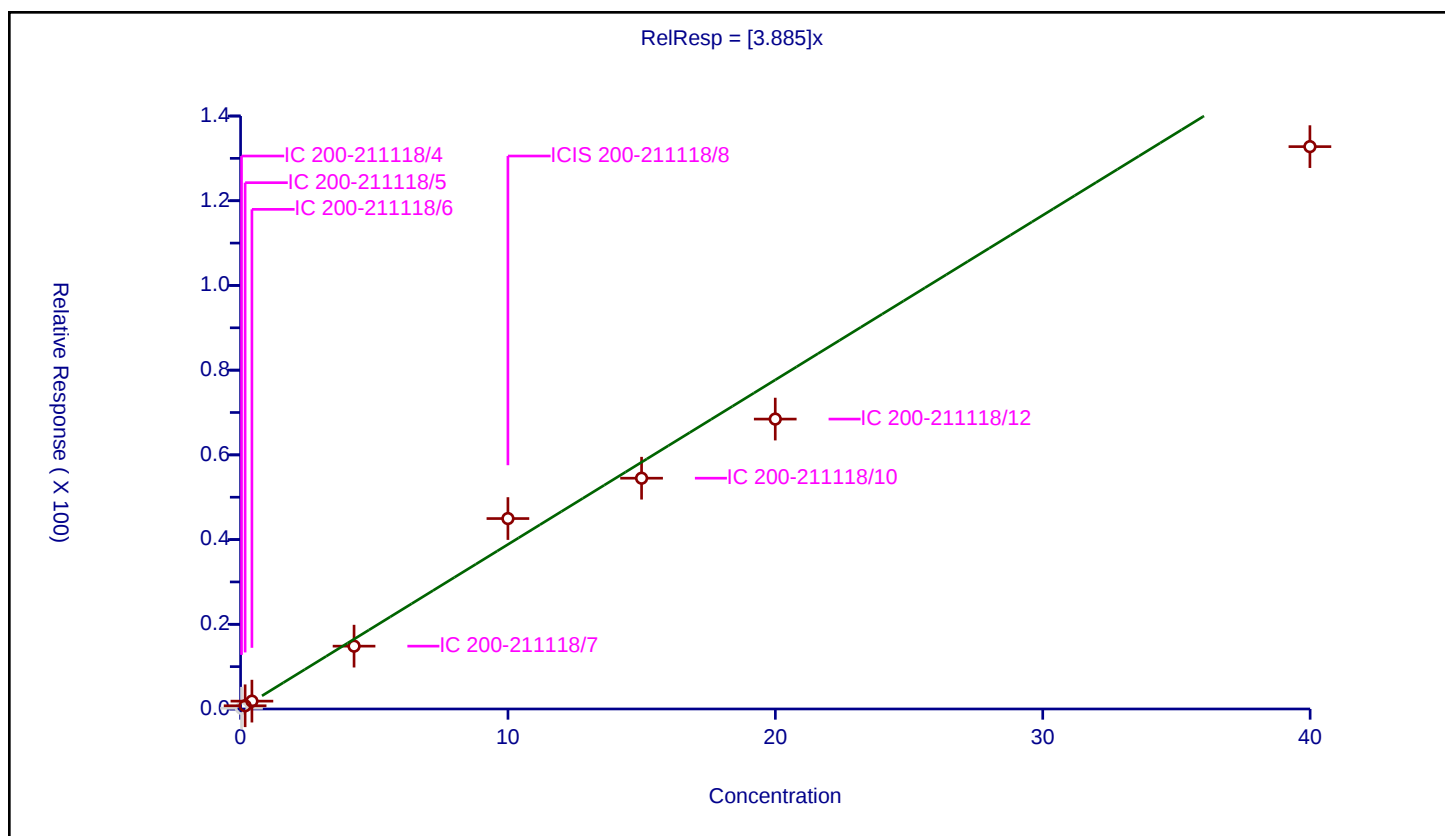
Curve Coefficients

Intercept: 0
Slope: 3.885

Error Coefficients

Relative Standard Deviation: 13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.181413	10.0	673324.0	5.171871	N
2	IC 200-211118/5	0.170374	0.759902	10.0	652110.0	4.46021	Y
3	IC 200-211118/6	0.424368	1.853916	10.0	697173.0	4.368653	Y
4	IC 200-211118/7	4.243678	14.835534	10.0	720059.0	3.495914	Y
5	ICIS 200-211118/8	9.99806	44.960463	10.0	541262.0	4.496919	Y
6	IC 200-211118/10	14.99709	54.485682	10.0	711408.0	3.633084	Y
7	IC 200-211118/12	19.99612	68.448404	10.0	700556.0	3.423084	Y
8	IC 200-211118/13	39.99224	132.770115	10.0	698805.0	3.319897	Y



Calibration

/ Hexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

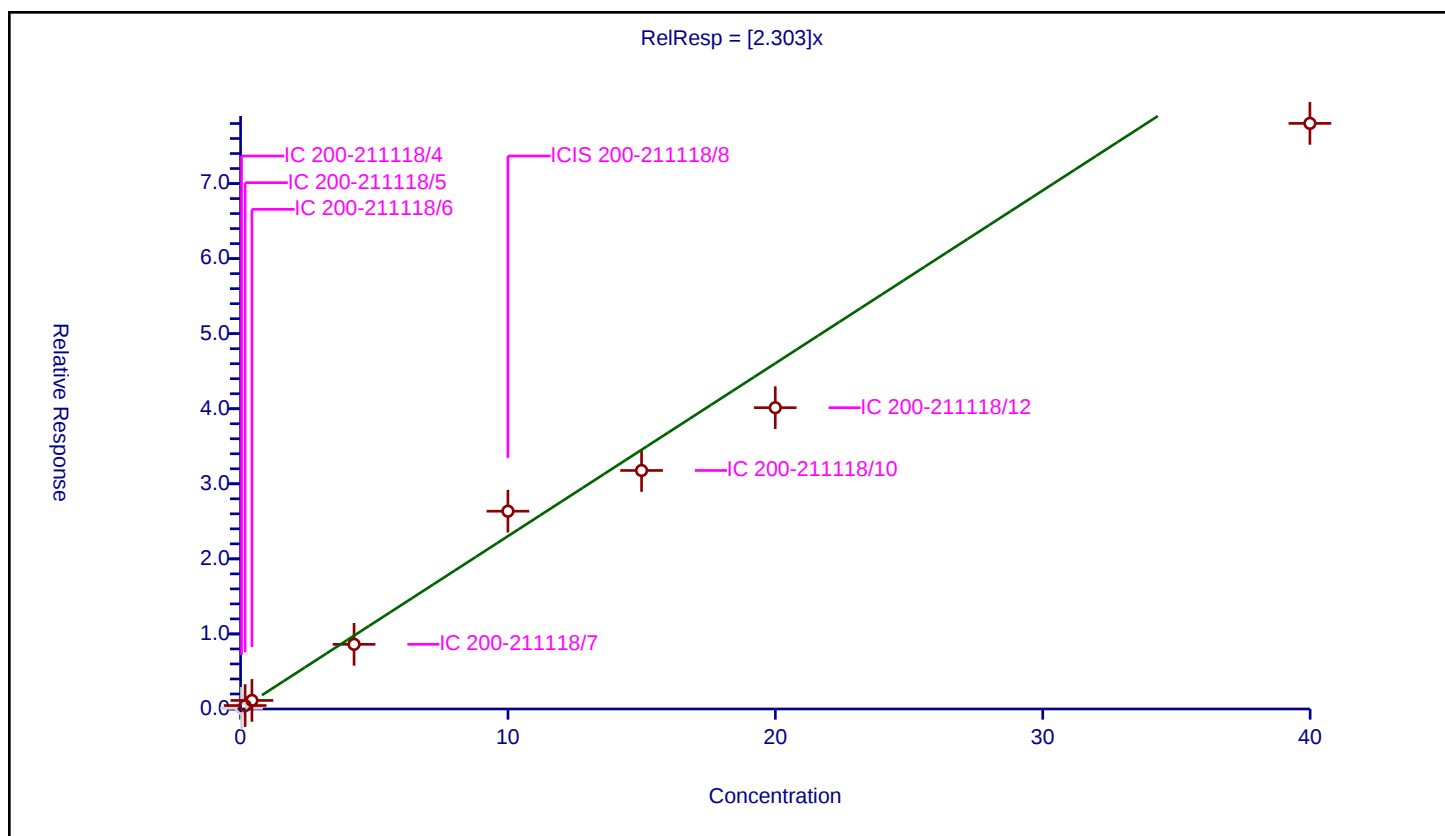
Curve Coefficients

Intercept: 0
Slope: 2.303

Error Coefficients

Relative Standard Deviation: 15.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.089481	10.0	673324.0	2.551005	N
2	IC 200-211118/5	0.170374	0.458696	10.0	652110.0	2.692291	Y
3	IC 200-211118/6	0.424368	1.138986	10.0	697173.0	2.683958	Y
4	IC 200-211118/7	4.243678	8.614169	10.0	720059.0	2.029883	Y
5	ICIS 200-211118/8	9.99806	26.353855	10.0	541262.0	2.635897	Y
6	IC 200-211118/10	14.99709	31.776055	10.0	711408.0	2.118815	Y
7	IC 200-211118/12	19.99612	40.139589	10.0	700556.0	2.007369	Y
8	IC 200-211118/13	39.99224	78.018947	10.0	698805.0	1.950852	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

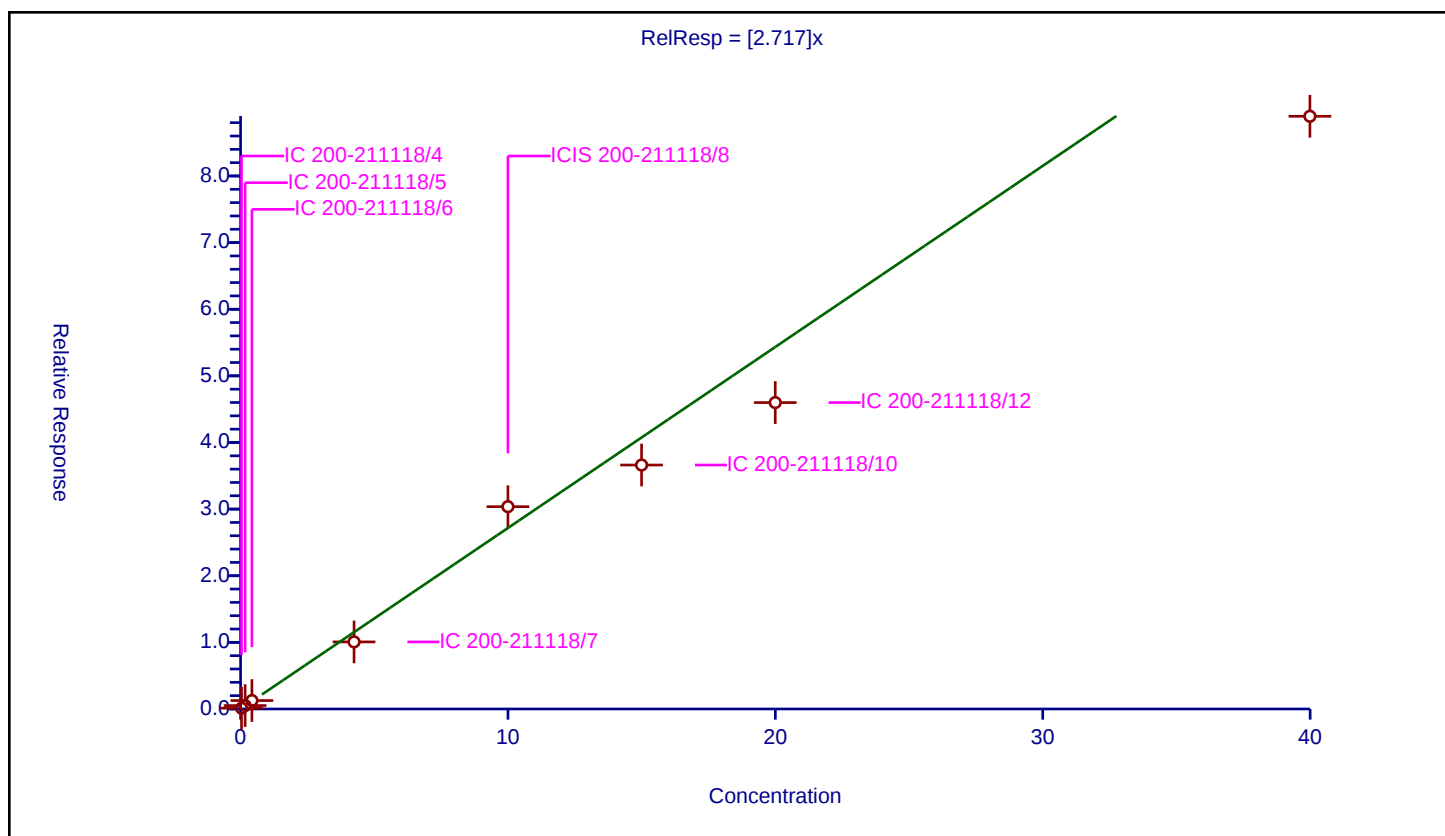
Curve Coefficients

Intercept: 0
 Slope: 2.717

Error Coefficients

Relative Standard Deviation: 15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.117581	10.0	673324.0	3.352084	Y
2	IC 200-211118/5	0.170374	0.514714	10.0	652110.0	3.021087	Y
3	IC 200-211118/6	0.424368	1.268222	10.0	697173.0	2.988496	Y
4	IC 200-211118/7	4.243678	10.066647	10.0	720059.0	2.372151	Y
5	ICIS 200-211118/8	9.99806	30.367992	10.0	541262.0	3.037388	Y
6	IC 200-211118/10	14.99709	36.617764	10.0	711408.0	2.441658	Y
7	IC 200-211118/12	19.99612	45.9886	10.0	700556.0	2.299876	Y
8	IC 200-211118/13	39.99224	88.96094	10.0	698805.0	2.224455	Y



Calibration

/ Vinyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

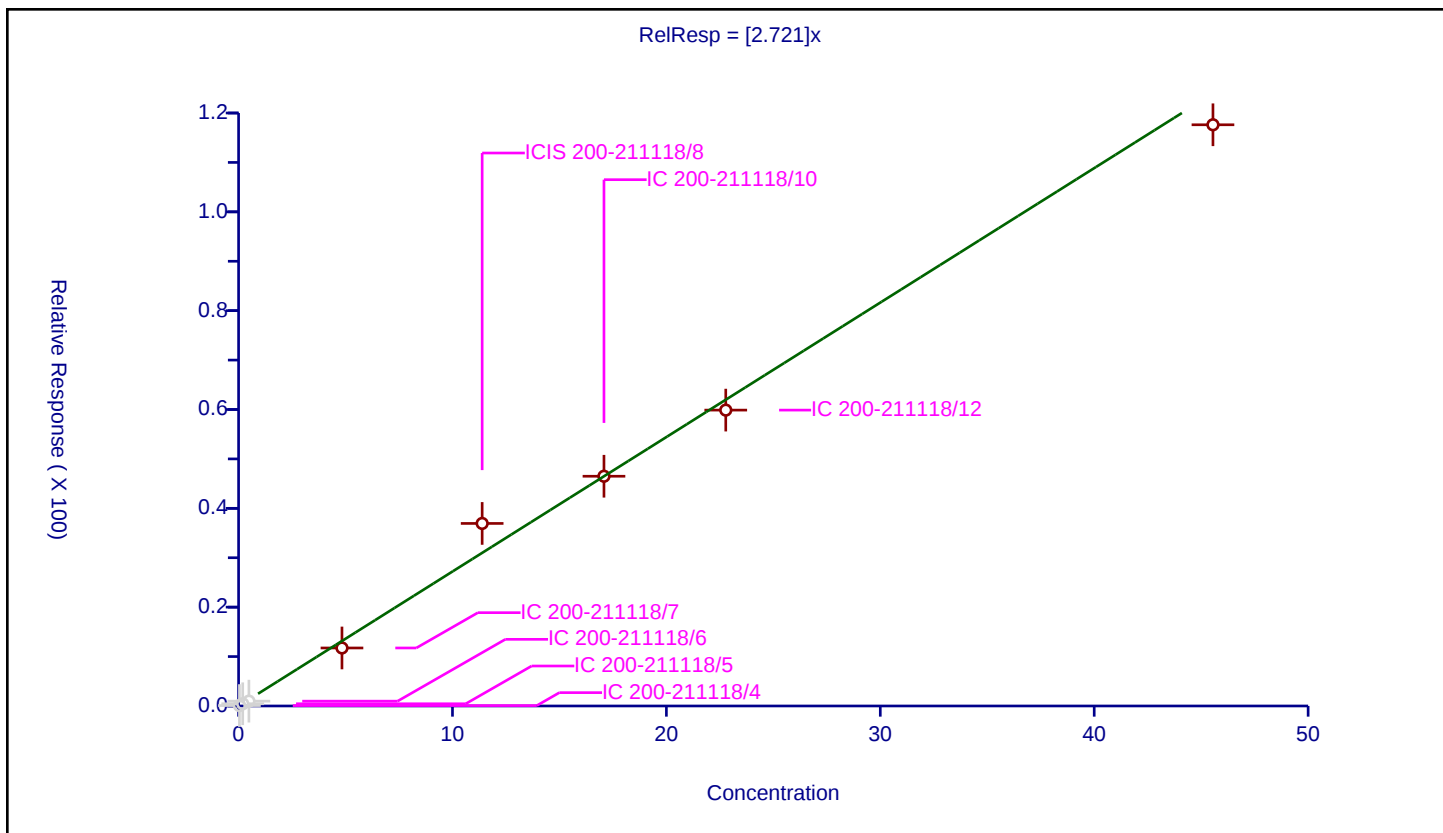
Curve Coefficients

Intercept: 0
 Slope: 2.721

Error Coefficients

Relative Standard Deviation: 11.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.039953	0.084075	10.0	673324.0	2.104377	N
2	IC 200-211118/5	0.194056	0.449709	10.0	652110.0	2.317425	N
3	IC 200-211118/6	0.483355	0.982095	10.0	697173.0	2.031829	N
4	IC 200-211118/7	4.83355	11.739052	10.0	720059.0	2.428661	Y
5	ICIS 200-211118/8	11.38779	36.941407	10.0	541262.0	3.243949	Y
6	IC 200-211118/10	17.081685	46.49623	10.0	711408.0	2.721993	Y
7	IC 200-211118/12	22.77558	59.87824	10.0	700556.0	2.629054	Y
8	IC 200-211118/13	45.551161	117.619737	10.0	698805.0	2.582146	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

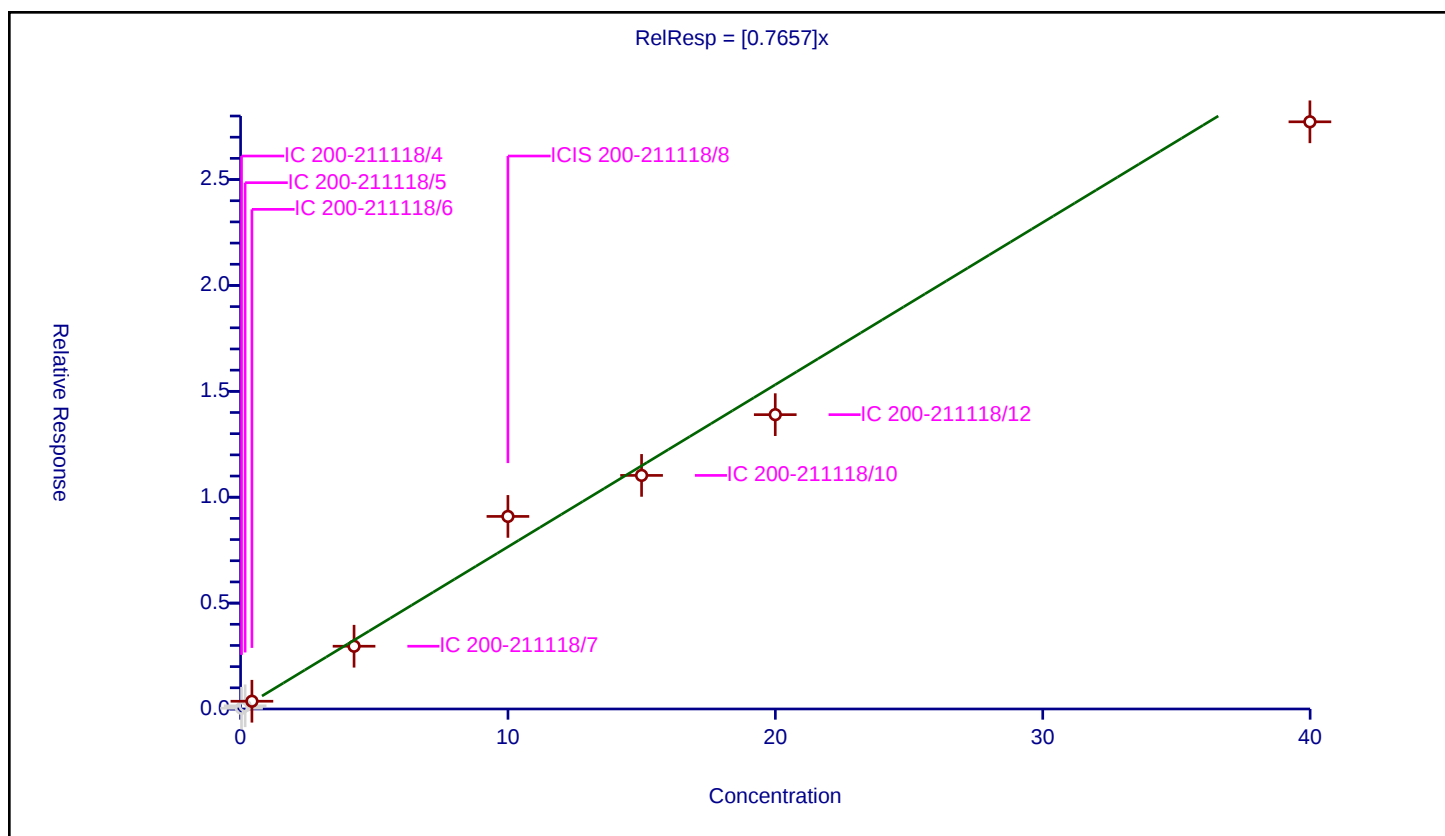
Curve Coefficients

Intercept: 0
Slope: 0.7657

Error Coefficients

Relative Standard Deviation: 12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.035555	10.0	673324.0	1.013627	N
2	IC 200-211118/5	0.170374	0.150757	10.0	652110.0	0.884859	N
3	IC 200-211118/6	0.424368	0.366136	10.0	697173.0	0.862779	Y
4	IC 200-211118/7	4.243678	2.963827	10.0	720059.0	0.69841	Y
5	ICIS 200-211118/8	9.99806	9.093304	10.0	541262.0	0.909507	Y
6	IC 200-211118/10	14.99709	11.029634	10.0	711408.0	0.735452	Y
7	IC 200-211118/12	19.99612	13.898261	10.0	700556.0	0.695048	Y
8	IC 200-211118/13	39.99224	27.726576	10.0	698805.0	0.693299	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

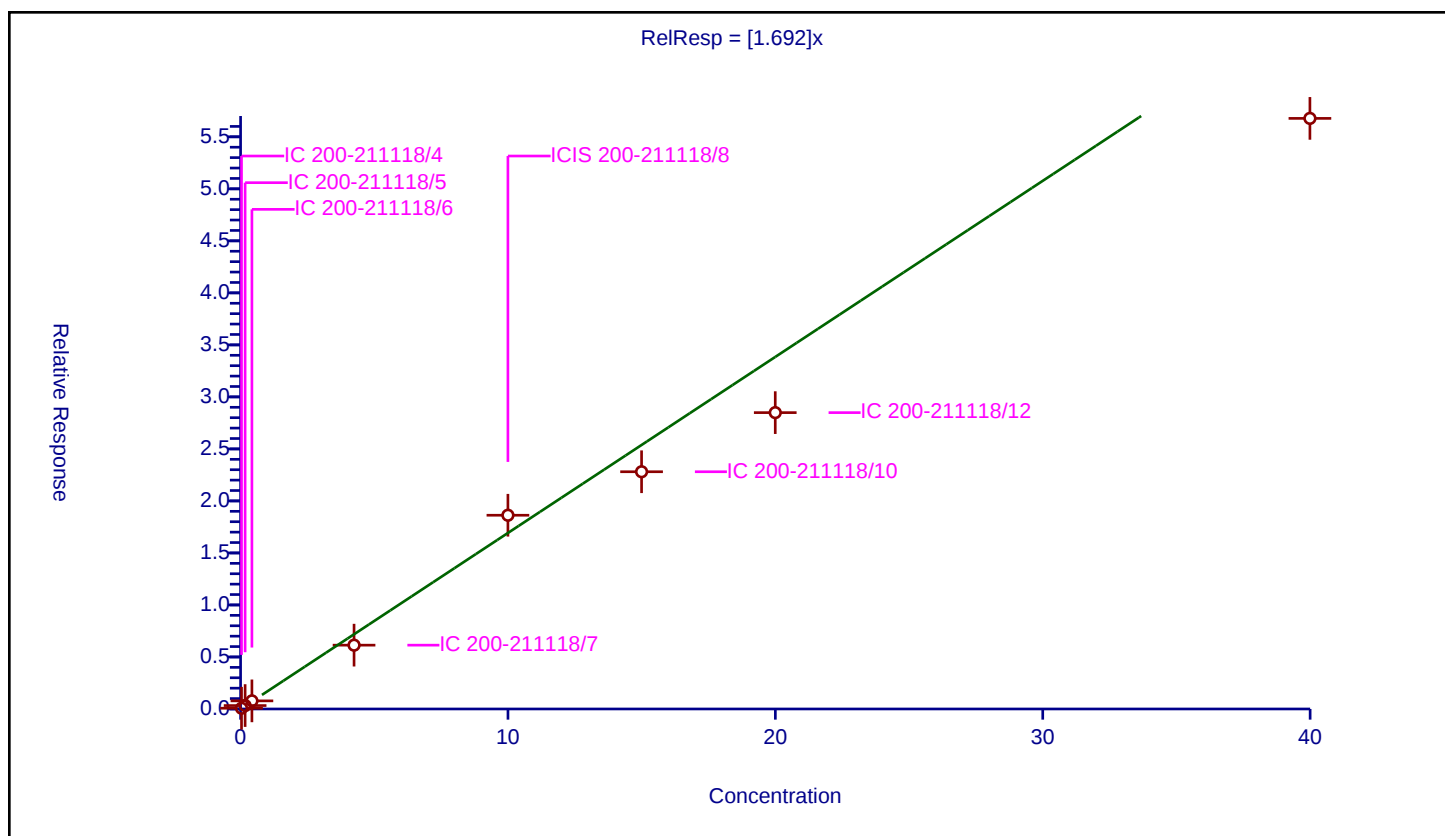
Curve Coefficients

Intercept: 0
Slope: 1.692

Error Coefficients

Relative Standard Deviation: 15.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.073575	10.0	673324.0	2.09754	Y
2	IC 200-211118/5	0.170374	0.328534	10.0	652110.0	1.928311	Y
3	IC 200-211118/6	0.424368	0.780552	10.0	697173.0	1.83933	Y
4	IC 200-211118/7	4.243678	6.134192	10.0	720059.0	1.445489	Y
5	ICIS 200-211118/8	9.99806	18.625213	10.0	541262.0	1.862883	Y
6	IC 200-211118/10	14.99709	22.804748	10.0	711408.0	1.520612	Y
7	IC 200-211118/12	19.99612	28.487144	10.0	700556.0	1.424634	Y
8	IC 200-211118/13	39.99224	56.772104	10.0	698805.0	1.419578	Y



Calibration

/ Ethyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

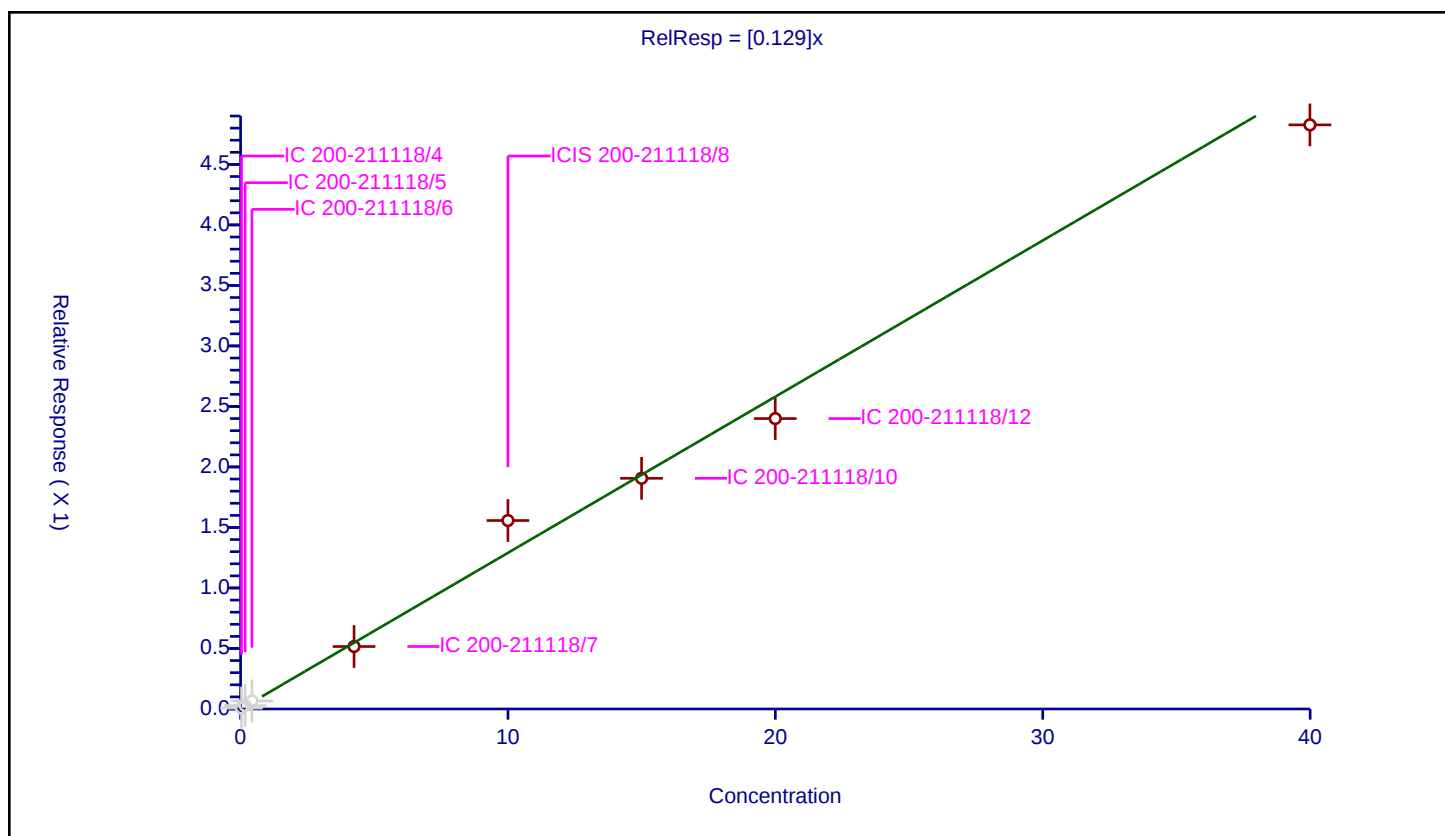
Curve Coefficients

Intercept: 0
 Slope: 0.129

Error Coefficients

Relative Standard Deviation: 11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.007663	10.0	673324.0	0.218476	N
2	IC 200-211118/5	0.170374	0.028737	10.0	652110.0	0.168673	N
3	IC 200-211118/6	0.424368	0.066167	10.0	697173.0	0.155919	N
4	IC 200-211118/7	4.243678	0.516208	10.0	720059.0	0.121642	Y
5	ICIS 200-211118/8	9.99806	1.557342	10.0	541262.0	0.155764	Y
6	IC 200-211118/10	14.99709	1.906149	10.0	711408.0	0.127101	Y
7	IC 200-211118/12	19.99612	2.399837	10.0	700556.0	0.120015	Y
8	IC 200-211118/13	39.99224	4.826926	10.0	698805.0	0.120697	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

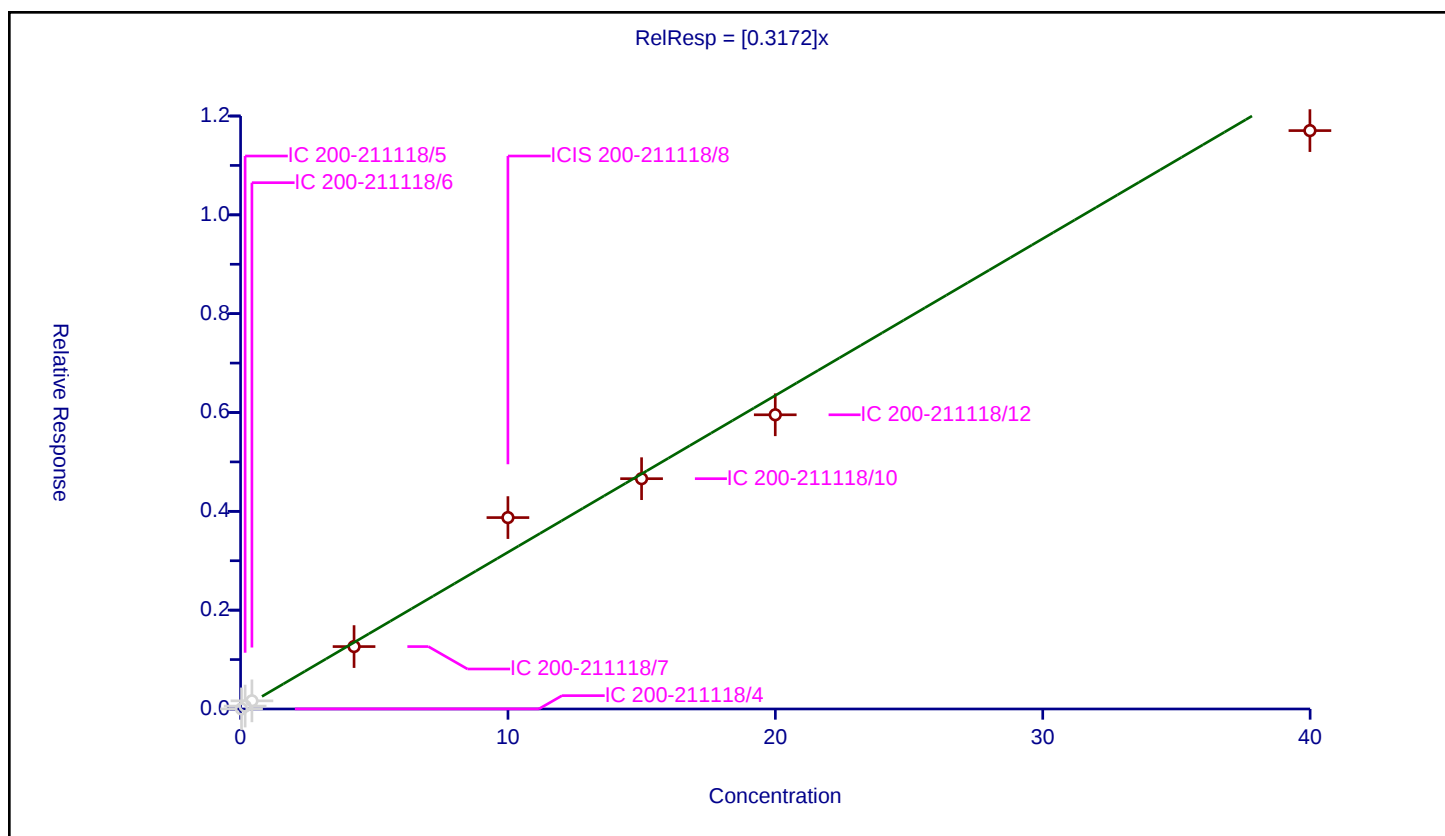
Curve Coefficients

Intercept: 0
Slope: 0.3172

Error Coefficients

Relative Standard Deviation: 12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.001738	10.0	3250332.0	0.049556	N
2	IC 200-211118/5	0.170374	0.058936	10.0	3158013.0	0.345921	N
3	IC 200-211118/6	0.424368	0.164962	10.0	3378724.0	0.388723	N
4	IC 200-211118/7	4.243678	1.263132	10.0	3467286.0	0.29765	Y
5	ICIS 200-211118/8	9.99806	3.873118	10.0	2597401.0	0.387387	Y
6	IC 200-211118/10	14.99709	4.660537	10.0	3407519.0	0.310763	Y
7	IC 200-211118/12	19.99612	5.953519	10.0	3343809.0	0.297734	Y
8	IC 200-211118/13	39.99224	11.704772	10.0	3291372.0	0.292676	Y



Calibration

/ Chloroform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

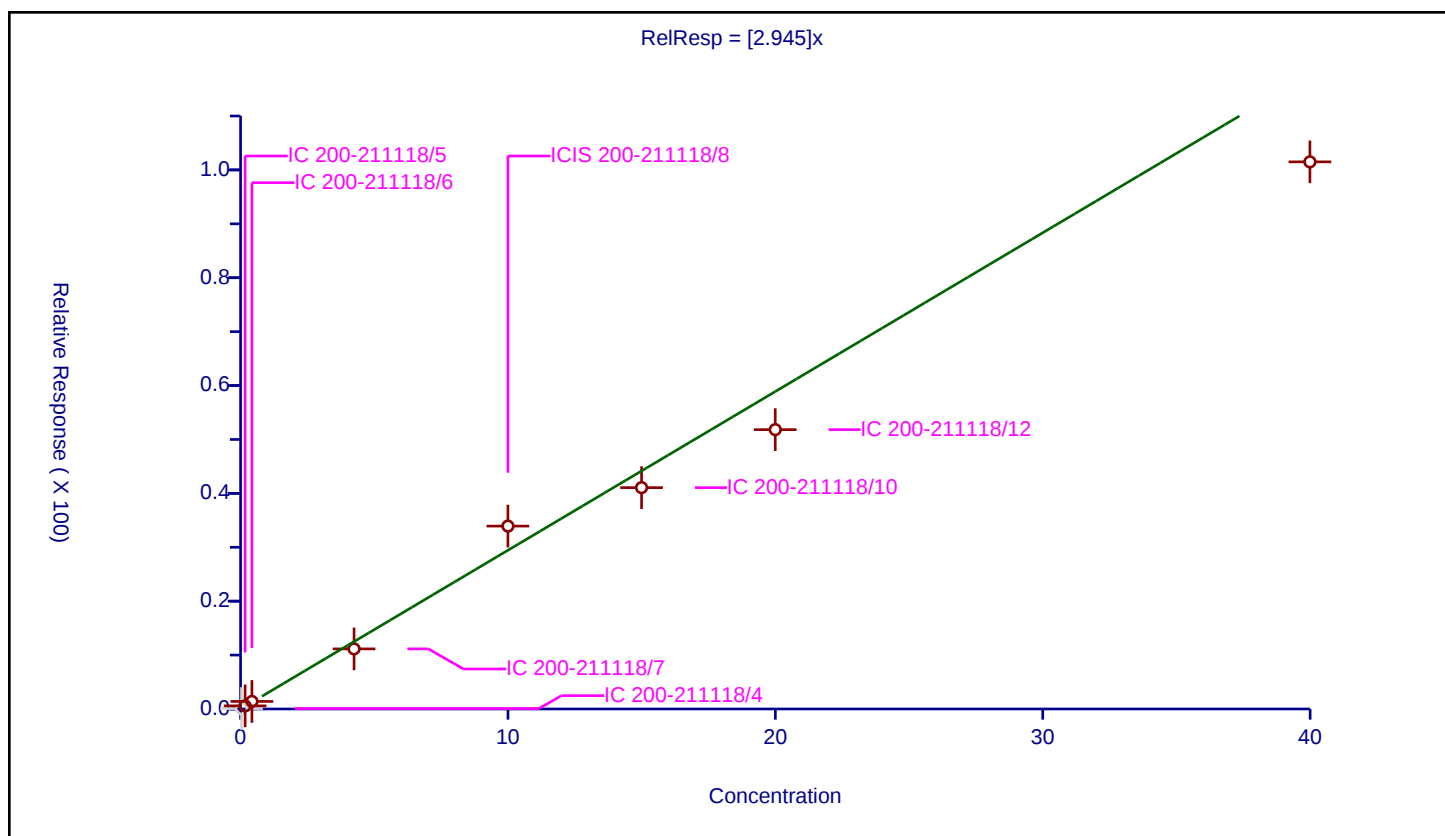
Curve Coefficients

Intercept: 0
 Slope: 2.945

Error Coefficients

Relative Standard Deviation: 13.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.075699	10.0	673324.0	2.158086	N
2	IC 200-211118/5	0.170374	0.583015	10.0	652110.0	3.421978	Y
3	IC 200-211118/6	0.424368	1.401446	10.0	697173.0	3.302431	Y
4	IC 200-211118/7	4.243678	11.14967	10.0	720059.0	2.62736	Y
5	ICIS 200-211118/8	9.99806	33.92758	10.0	541262.0	3.393416	Y
6	IC 200-211118/10	14.99709	41.06344	10.0	711408.0	2.738094	Y
7	IC 200-211118/12	19.99612	51.82191	10.0	700556.0	2.591598	Y
8	IC 200-211118/13	39.99224	101.496512	10.0	698805.0	2.537905	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

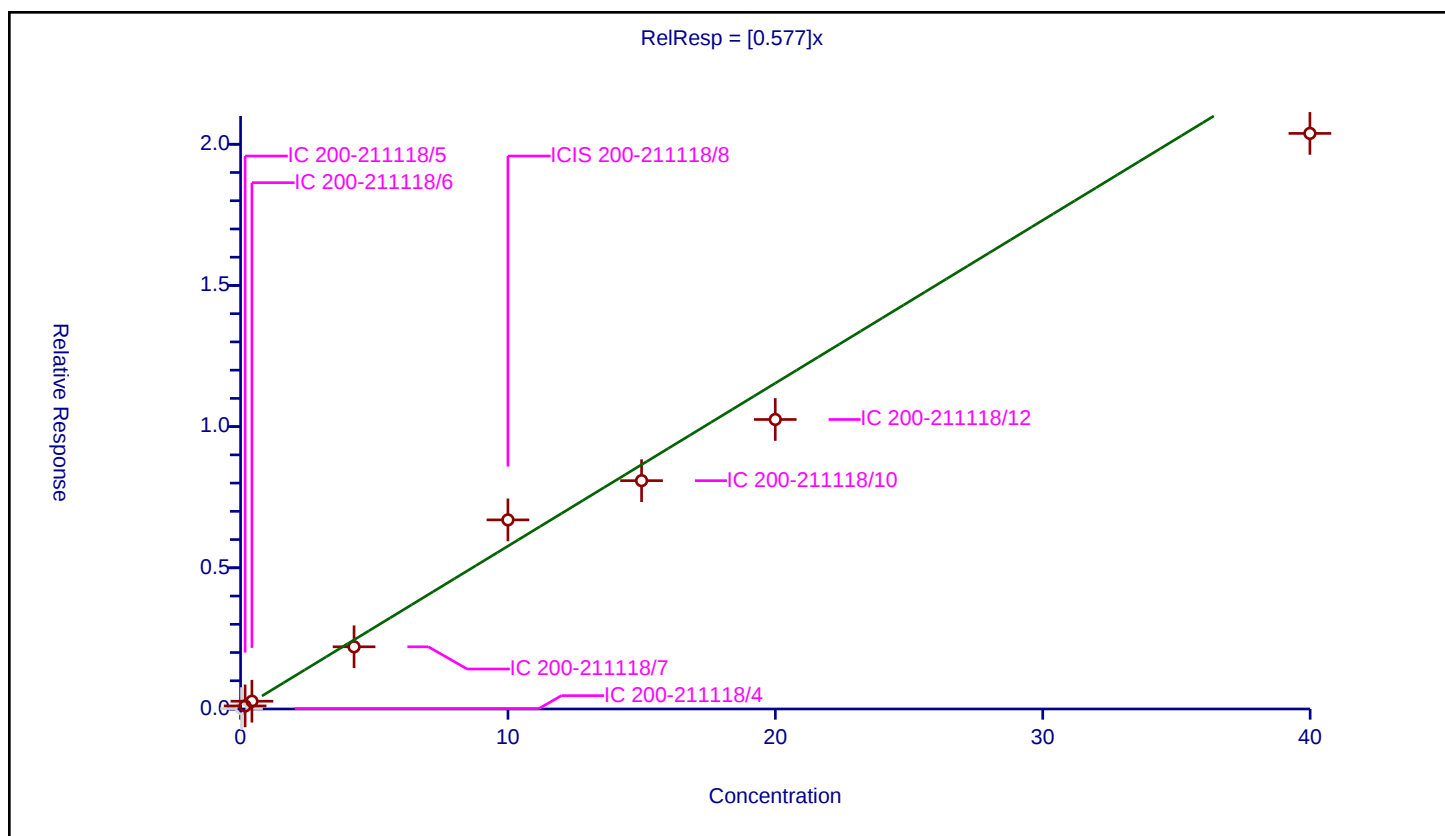
Curve Coefficients

Intercept: 0
Slope: 0.577

Error Coefficients

Relative Standard Deviation: 12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.015002	10.0	3250332.0	0.427675	N
2	IC 200-211118/5	0.170374	0.108901	10.0	3158013.0	0.639188	Y
3	IC 200-211118/6	0.424368	0.275344	10.0	3378724.0	0.648832	Y
4	IC 200-211118/7	4.243678	2.203222	10.0	3467286.0	0.519177	Y
5	ICIS 200-211118/8	9.99806	6.697302	10.0	2597401.0	0.66986	Y
6	IC 200-211118/10	14.99709	8.0861	10.0	3407519.0	0.539178	Y
7	IC 200-211118/12	19.99612	10.253178	10.0	3343809.0	0.512758	Y
8	IC 200-211118/13	39.99224	20.384475	10.0	3291372.0	0.509711	Y



Calibration

/ Cyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

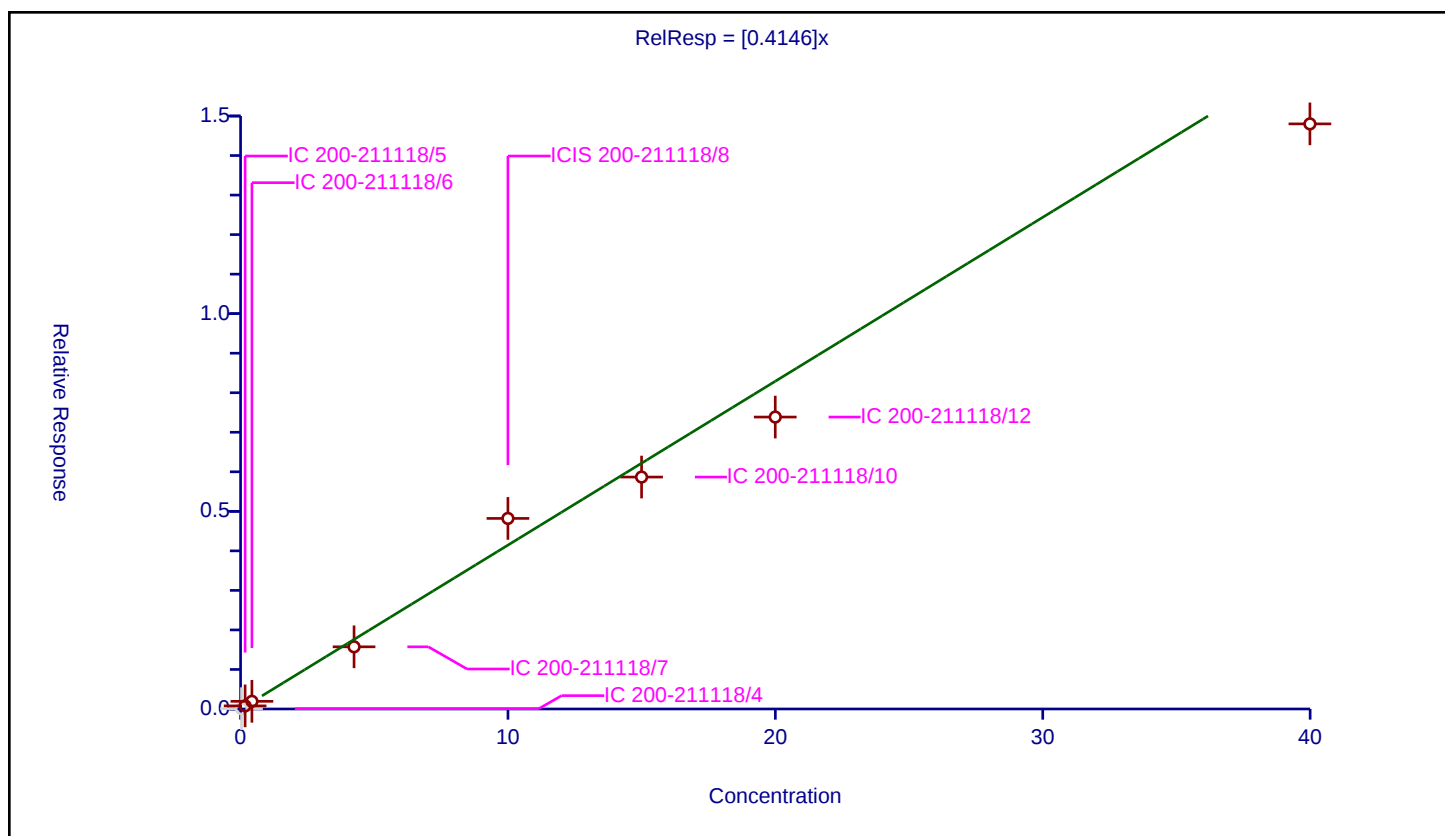
Curve Coefficients

Intercept: 0
Slope: 0.4146

Error Coefficients

Relative Standard Deviation: 12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.008578	10.0	3250332.0	0.244536	N
2	IC 200-211118/5	0.170374	0.078616	10.0	3158013.0	0.461432	Y
3	IC 200-211118/6	0.424368	0.194067	10.0	3378724.0	0.457309	Y
4	IC 200-211118/7	4.243678	1.572417	10.0	3467286.0	0.370532	Y
5	ICIS 200-211118/8	9.99806	4.820665	10.0	2597401.0	0.48216	Y
6	IC 200-211118/10	14.99709	5.866829	10.0	3407519.0	0.391198	Y
7	IC 200-211118/12	19.99612	7.384662	10.0	3343809.0	0.369305	Y
8	IC 200-211118/13	39.99224	14.800919	10.0	3291372.0	0.370095	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

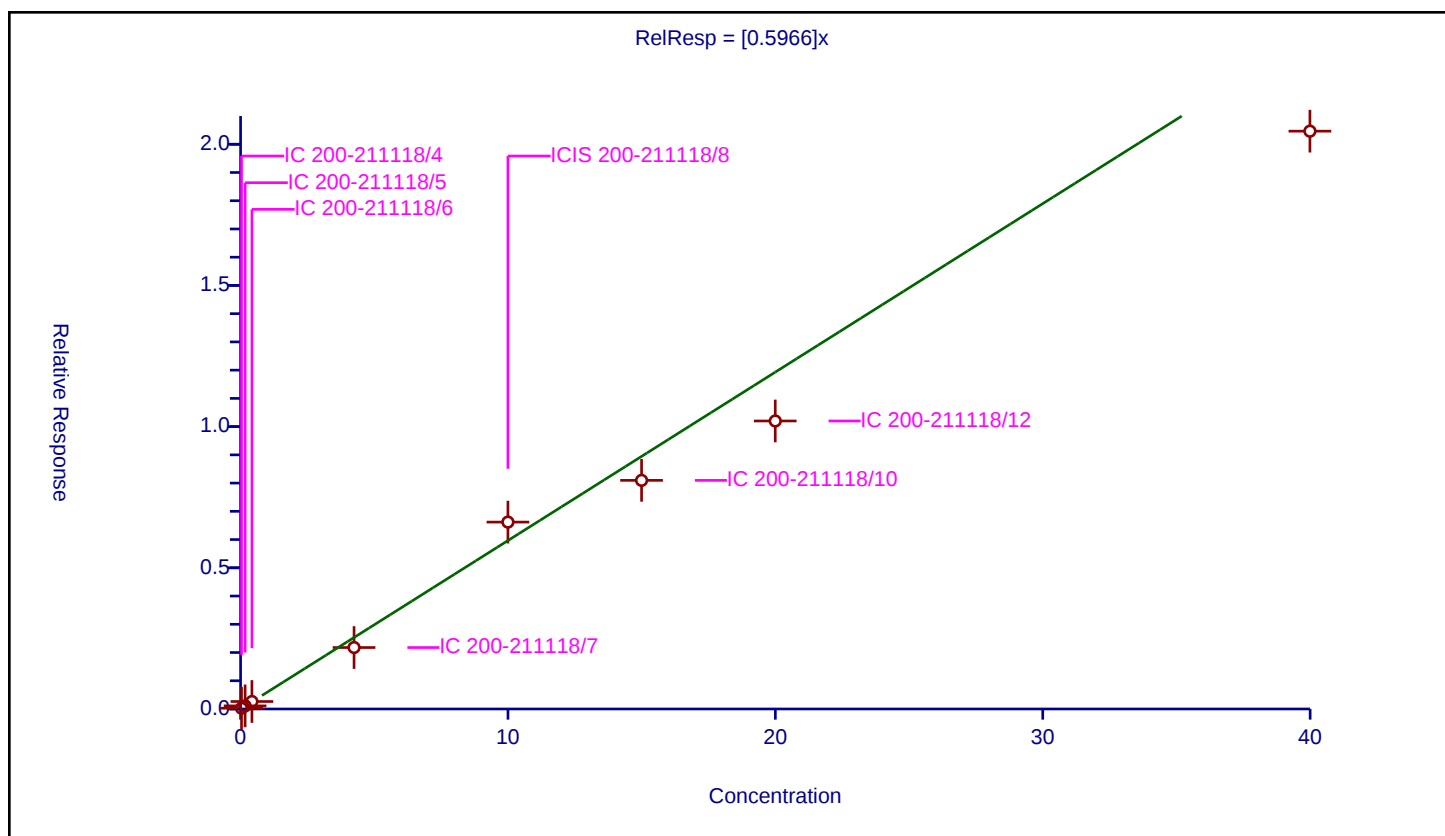
Curve Coefficients

Intercept: 0
 Slope: 0.5966

Error Coefficients

Relative Standard Deviation: 15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.026785	10.0	3250332.0	0.763606	Y
2	IC 200-211118/5	0.170374	0.110462	10.0	3158013.0	0.64835	Y
3	IC 200-211118/6	0.424368	0.26476	10.0	3378724.0	0.623892	Y
4	IC 200-211118/7	4.243678	2.176653	10.0	3467286.0	0.512917	Y
5	ICIS 200-211118/8	9.99806	6.618886	10.0	2597401.0	0.662017	Y
6	IC 200-211118/10	14.99709	8.096633	10.0	3407519.0	0.53988	Y
7	IC 200-211118/12	19.99612	10.199838	10.0	3343809.0	0.510091	Y
8	IC 200-211118/13	39.99224	20.463968	10.0	3291372.0	0.511698	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

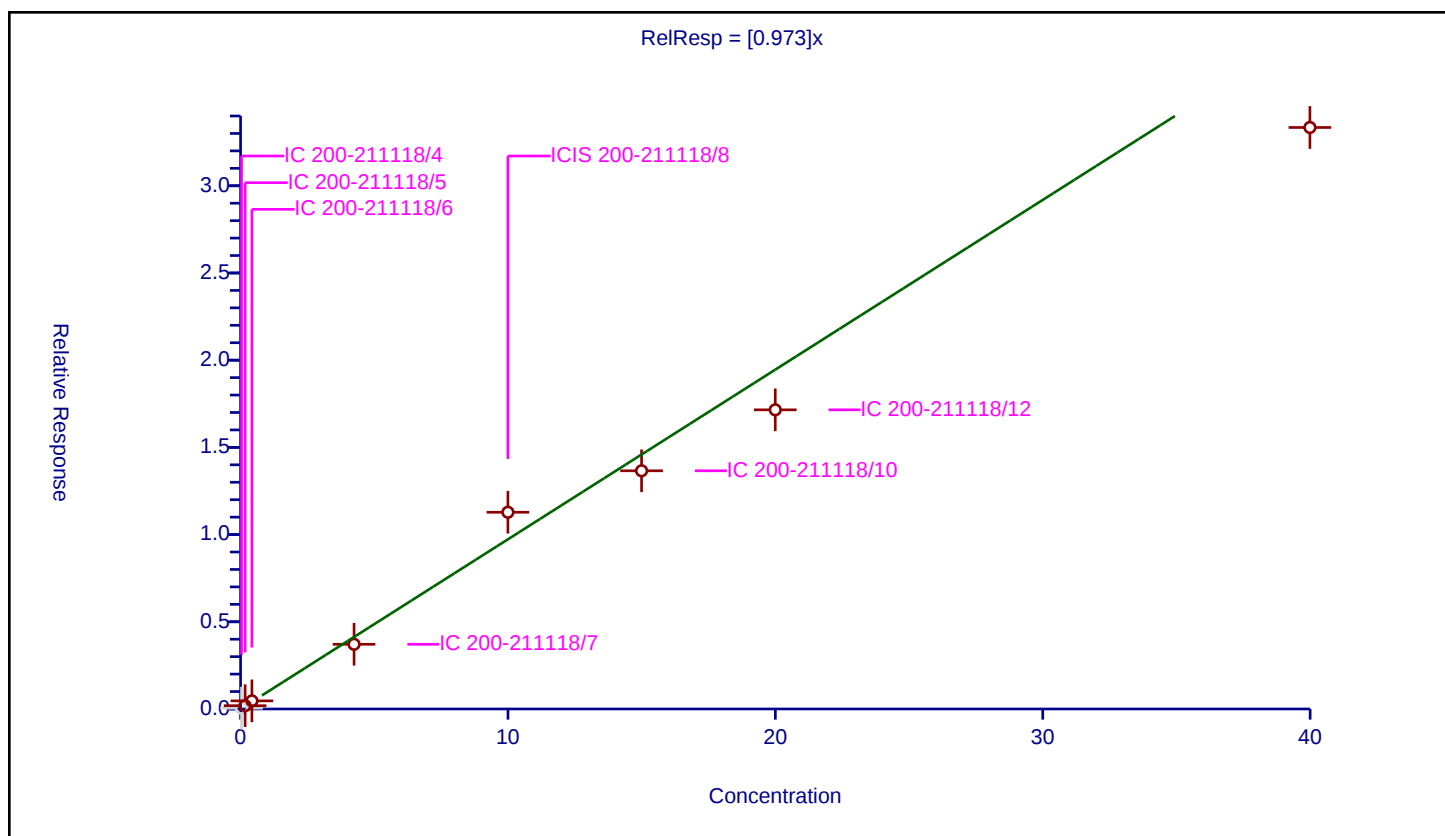
Curve Coefficients

Intercept: 0
Slope: 0.973

Error Coefficients

Relative Standard Deviation: 13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.046798	10.0	3250332.0	1.334161	N
2	IC 200-211118/5	0.170374	0.189014	10.0	3158013.0	1.109411	Y
3	IC 200-211118/6	0.424368	0.46535	10.0	3378724.0	1.096573	Y
4	IC 200-211118/7	4.243678	3.710043	10.0	3467286.0	0.874252	Y
5	ICIS 200-211118/8	9.99806	11.280334	10.0	2597401.0	1.128252	Y
6	IC 200-211118/10	14.99709	13.657256	10.0	3407519.0	0.91066	Y
7	IC 200-211118/12	19.99612	17.153581	10.0	3343809.0	0.857846	Y
8	IC 200-211118/13	39.99224	33.342649	10.0	3291372.0	0.833728	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

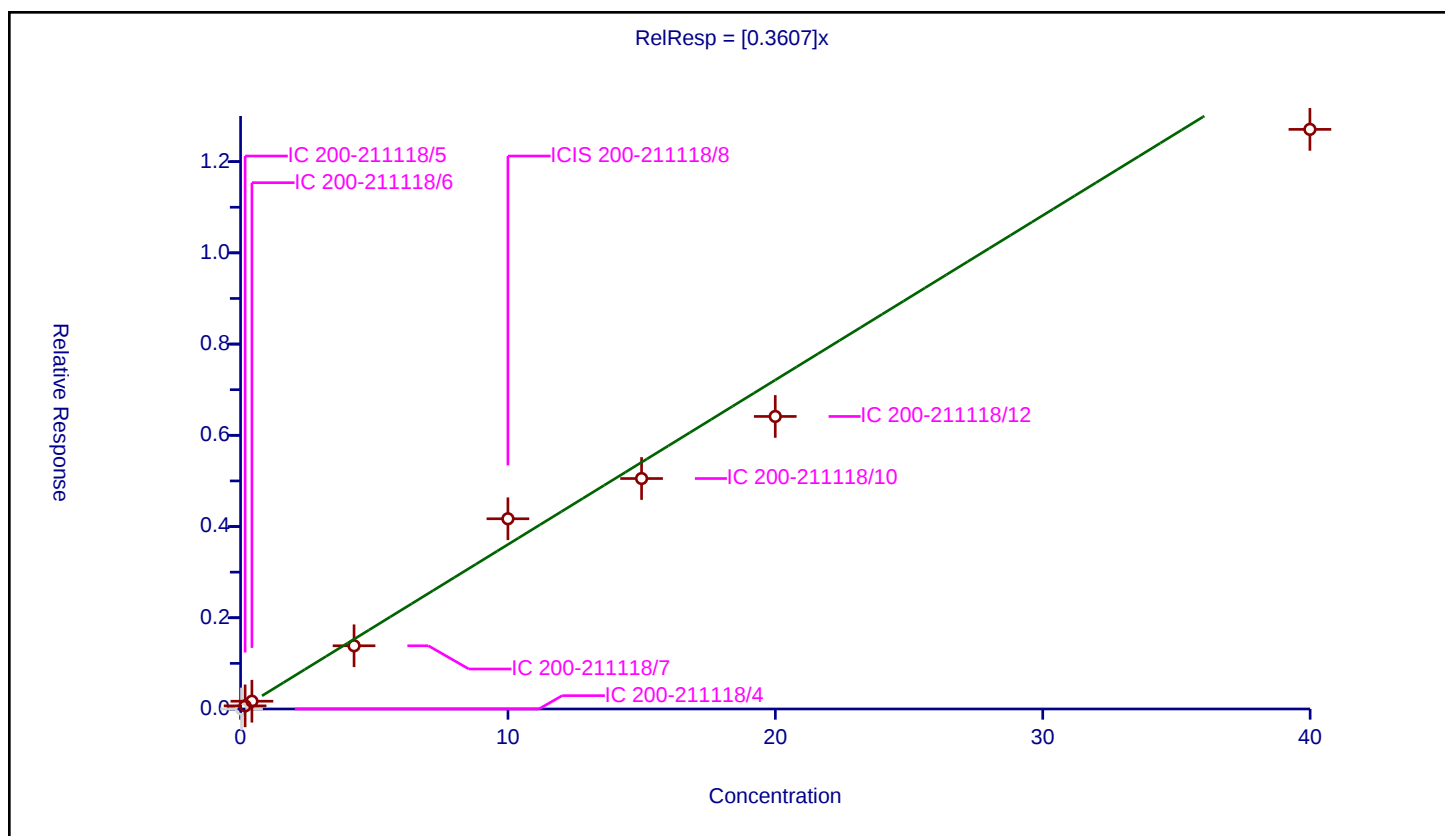
Curve Coefficients

Intercept: 0
 Slope: 0.3607

Error Coefficients

Relative Standard Deviation: 12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.0	10.0	3250332.0	0.0	N
2	IC 200-211118/5	0.170374	0.068939	10.0	3158013.0	0.404634	Y
3	IC 200-211118/6	0.424368	0.170177	10.0	3378724.0	0.401012	Y
4	IC 200-211118/7	4.243678	1.385675	10.0	3467286.0	0.326527	Y
5	ICIS 200-211118/8	9.99806	4.170319	10.0	2597401.0	0.417113	Y
6	IC 200-211118/10	14.99709	5.052544	10.0	3407519.0	0.336902	Y
7	IC 200-211118/12	19.99612	6.413743	10.0	3343809.0	0.320749	Y
8	IC 200-211118/13	39.99224	12.707005	10.0	3291372.0	0.317737	Y



Calibration

/ Isooctane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

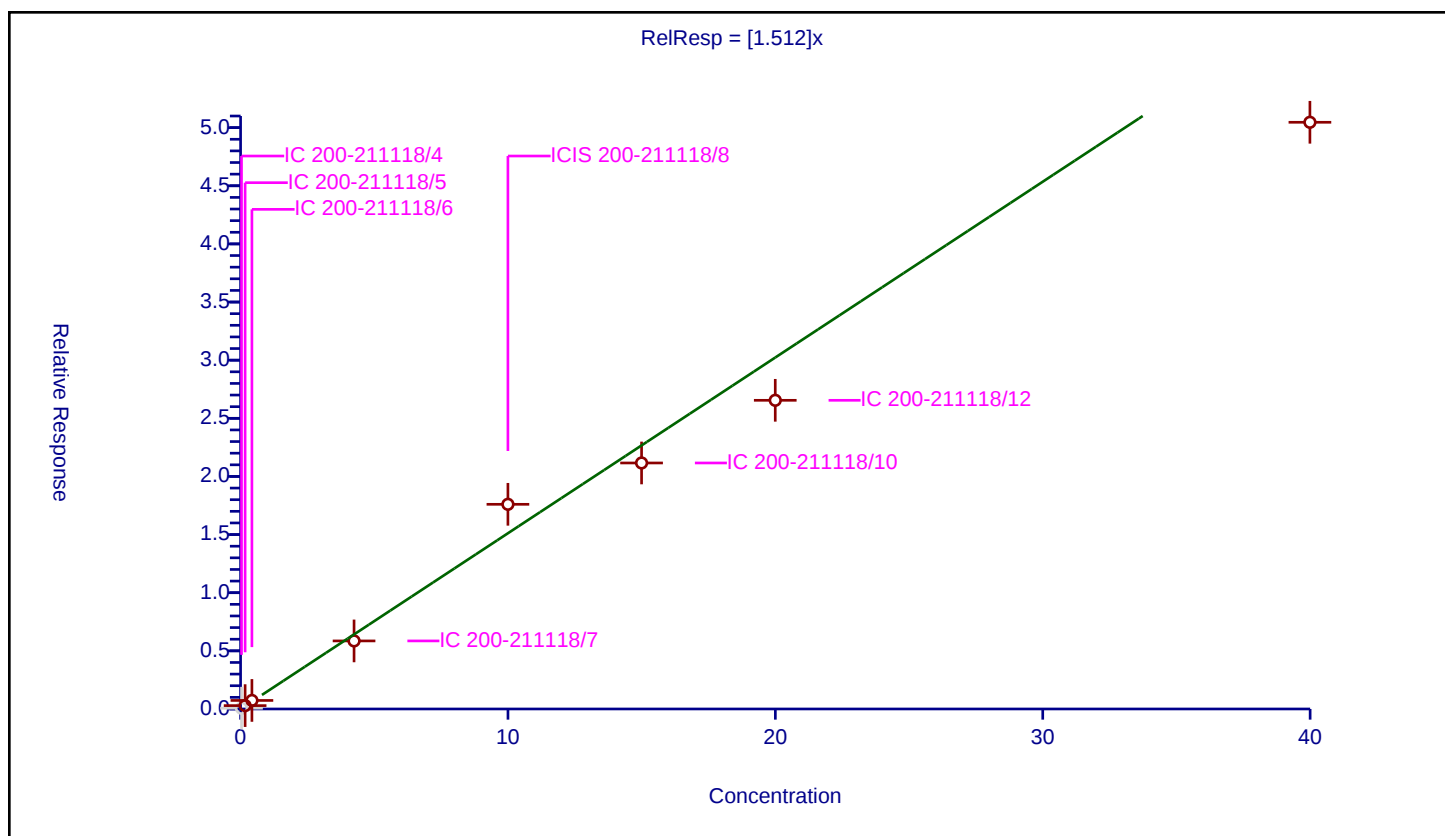
Curve Coefficients

Intercept: 0
Slope: 1.512

Error Coefficients

Relative Standard Deviation: 14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.067608	10.0	3250332.0	1.927434	N
2	IC 200-211118/5	0.170374	0.291177	10.0	3158013.0	1.709047	Y
3	IC 200-211118/6	0.424368	0.734831	10.0	3378724.0	1.731589	Y
4	IC 200-211118/7	4.243678	5.854363	10.0	3467286.0	1.379549	Y
5	ICIS 200-211118/8	9.99806	17.603816	10.0	2597401.0	1.760723	Y
6	IC 200-211118/10	14.99709	21.159427	10.0	3407519.0	1.410902	Y
7	IC 200-211118/12	19.99612	26.549459	10.0	3343809.0	1.327731	Y
8	IC 200-211118/13	39.99224	50.461033	10.0	3291372.0	1.261771	Y



Calibration

/ n-Heptane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

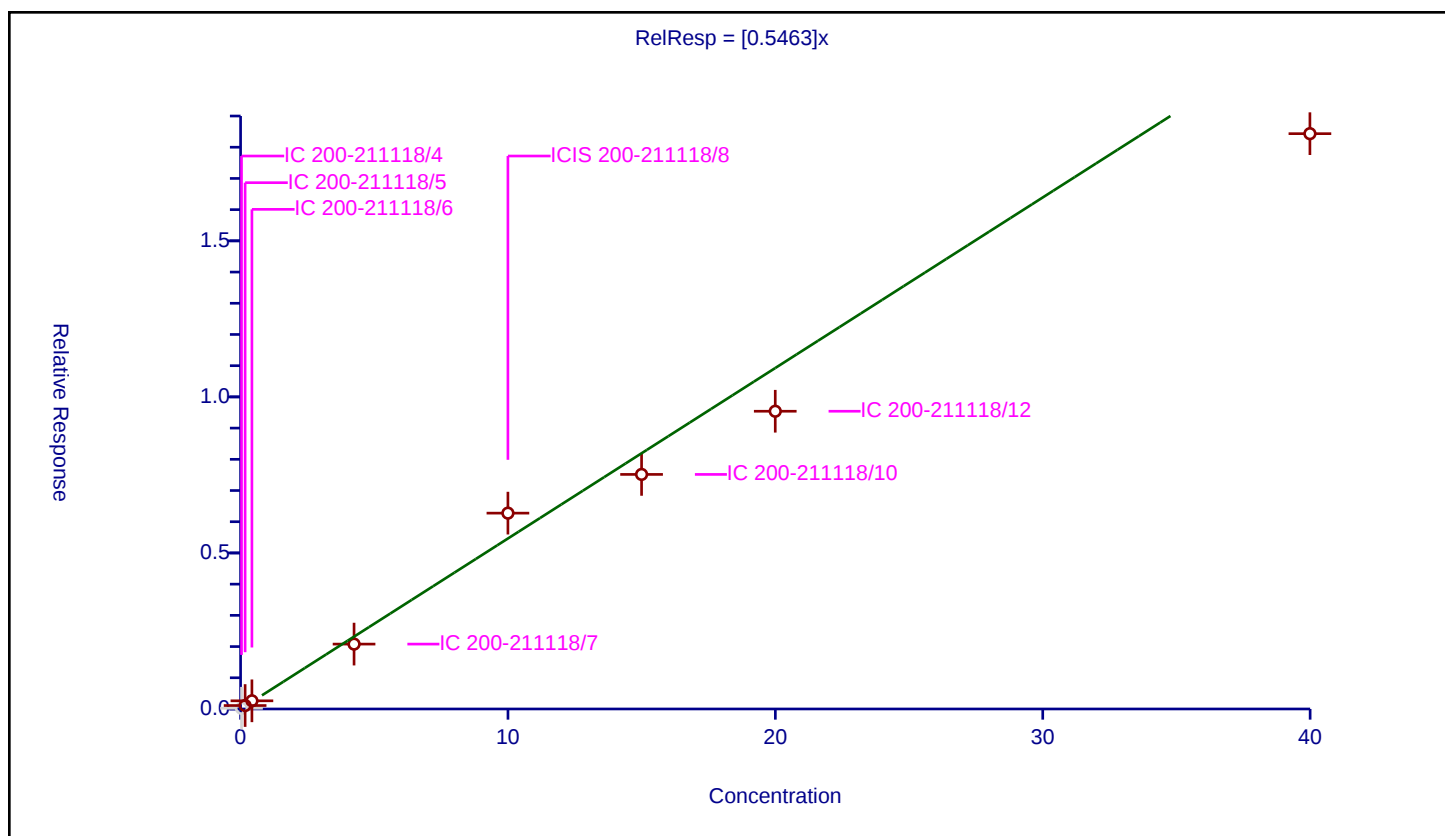
Curve Coefficients

Intercept: 0
Slope: 0.5463

Error Coefficients

Relative Standard Deviation: 14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.023391	10.0	3250332.0	0.666861	N
2	IC 200-211118/5	0.170374	0.110883	10.0	3158013.0	0.650822	Y
3	IC 200-211118/6	0.424368	0.261765	10.0	3378724.0	0.616834	Y
4	IC 200-211118/7	4.243678	2.078882	10.0	3467286.0	0.489877	Y
5	ICIS 200-211118/8	9.99806	6.275246	10.0	2597401.0	0.627646	Y
6	IC 200-211118/10	14.99709	7.515873	10.0	3407519.0	0.501155	Y
7	IC 200-211118/12	19.99612	9.54015	10.0	3343809.0	0.4771	Y
8	IC 200-211118/13	39.99224	18.434553	10.0	3291372.0	0.460953	Y



Calibration

/ n-Butanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

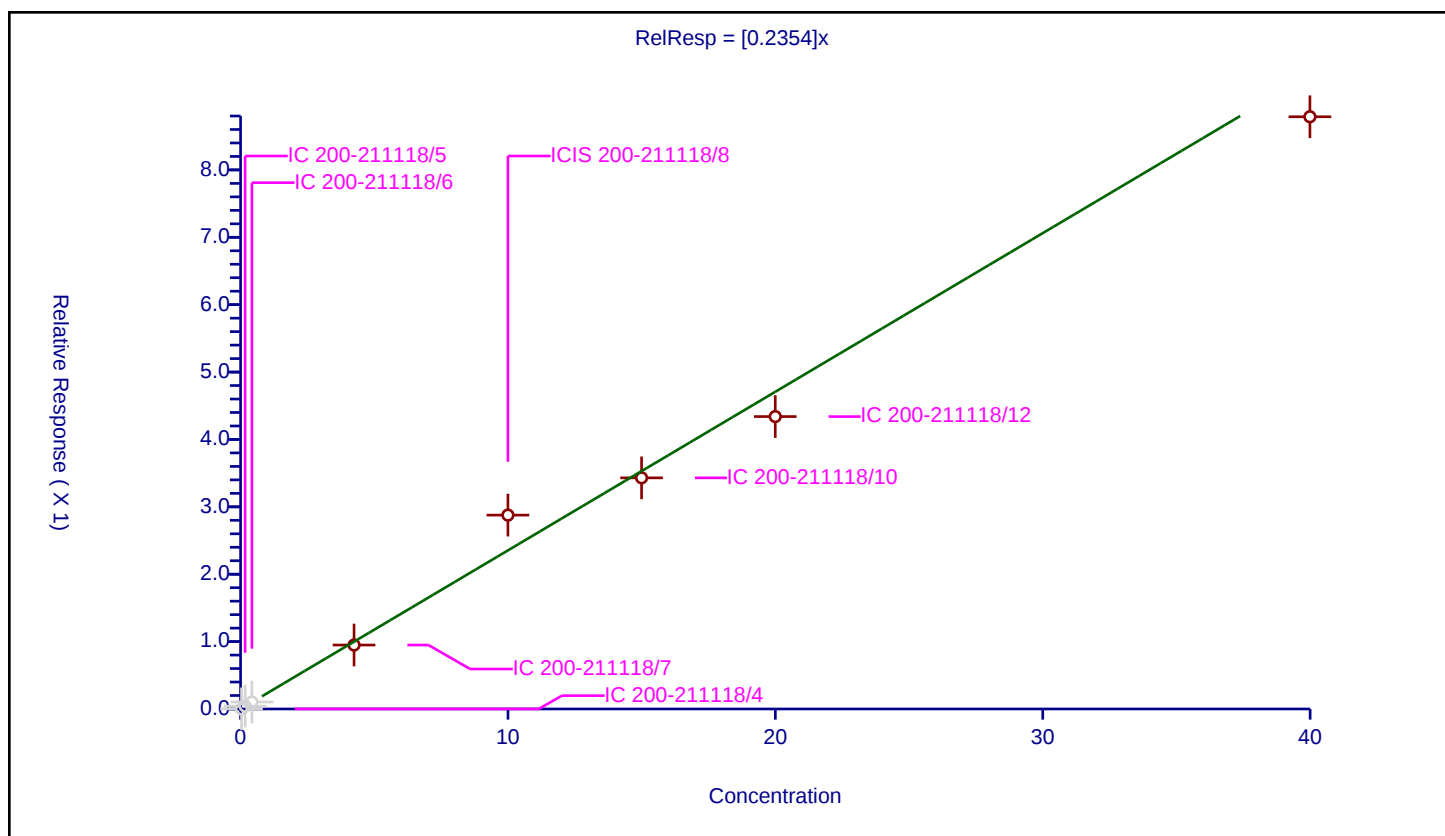
Curve Coefficients

Intercept: 0
 Slope: 0.2354

Error Coefficients

Relative Standard Deviation: 12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.001892	10.0	3250332.0	0.053942	N
2	IC 200-211118/5	0.170374	0.042441	10.0	3158013.0	0.249107	N
3	IC 200-211118/6	0.424368	0.103347	10.0	3378724.0	0.243531	N
4	IC 200-211118/7	4.243678	0.949059	10.0	3467286.0	0.223641	Y
5	ICIS 200-211118/8	9.99806	2.877326	10.0	2597401.0	0.287788	Y
6	IC 200-211118/10	14.99709	3.430164	10.0	3407519.0	0.228722	Y
7	IC 200-211118/12	19.99612	4.33965	10.0	3343809.0	0.217025	Y
8	IC 200-211118/13	39.99224	8.788846	10.0	3291372.0	0.219764	Y



Calibration

/ Trichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

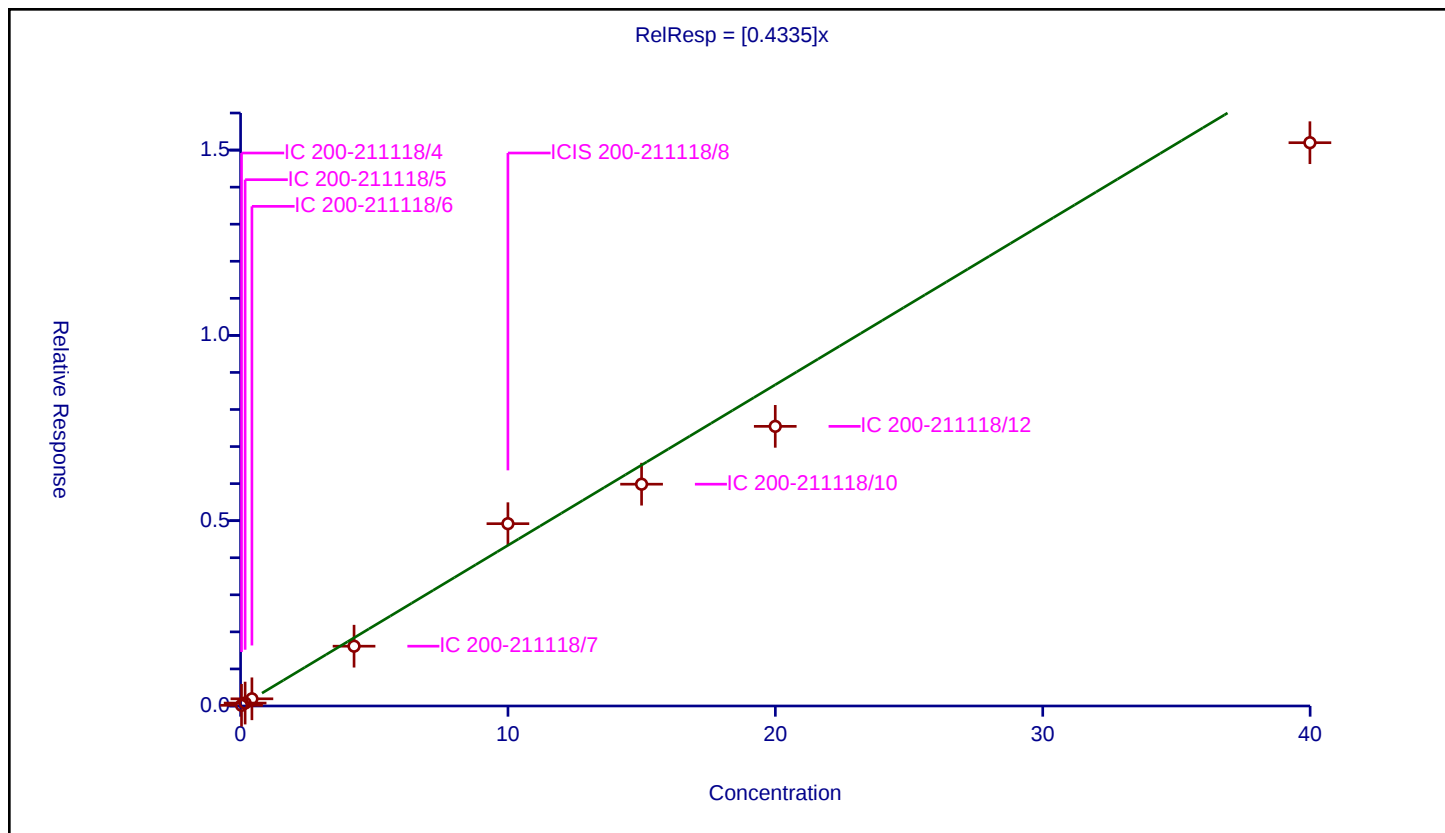
Curve Coefficients

Intercept: 0
 Slope: 0.4335

Error Coefficients

Relative Standard Deviation: 13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.018214	10.0	3250332.0	0.519245	Y
2	IC 200-211118/5	0.170374	0.07892	10.0	3158013.0	0.463216	Y
3	IC 200-211118/6	0.424368	0.193757	10.0	3378724.0	0.456577	Y
4	IC 200-211118/7	4.243678	1.613729	10.0	3467286.0	0.380267	Y
5	ICIS 200-211118/8	9.99806	4.918948	10.0	2597401.0	0.49199	Y
6	IC 200-211118/10	14.99709	5.98443	10.0	3407519.0	0.399039	Y
7	IC 200-211118/12	19.99612	7.545311	10.0	3343809.0	0.377339	Y
8	IC 200-211118/13	39.99224	15.199434	10.0	3291372.0	0.38006	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

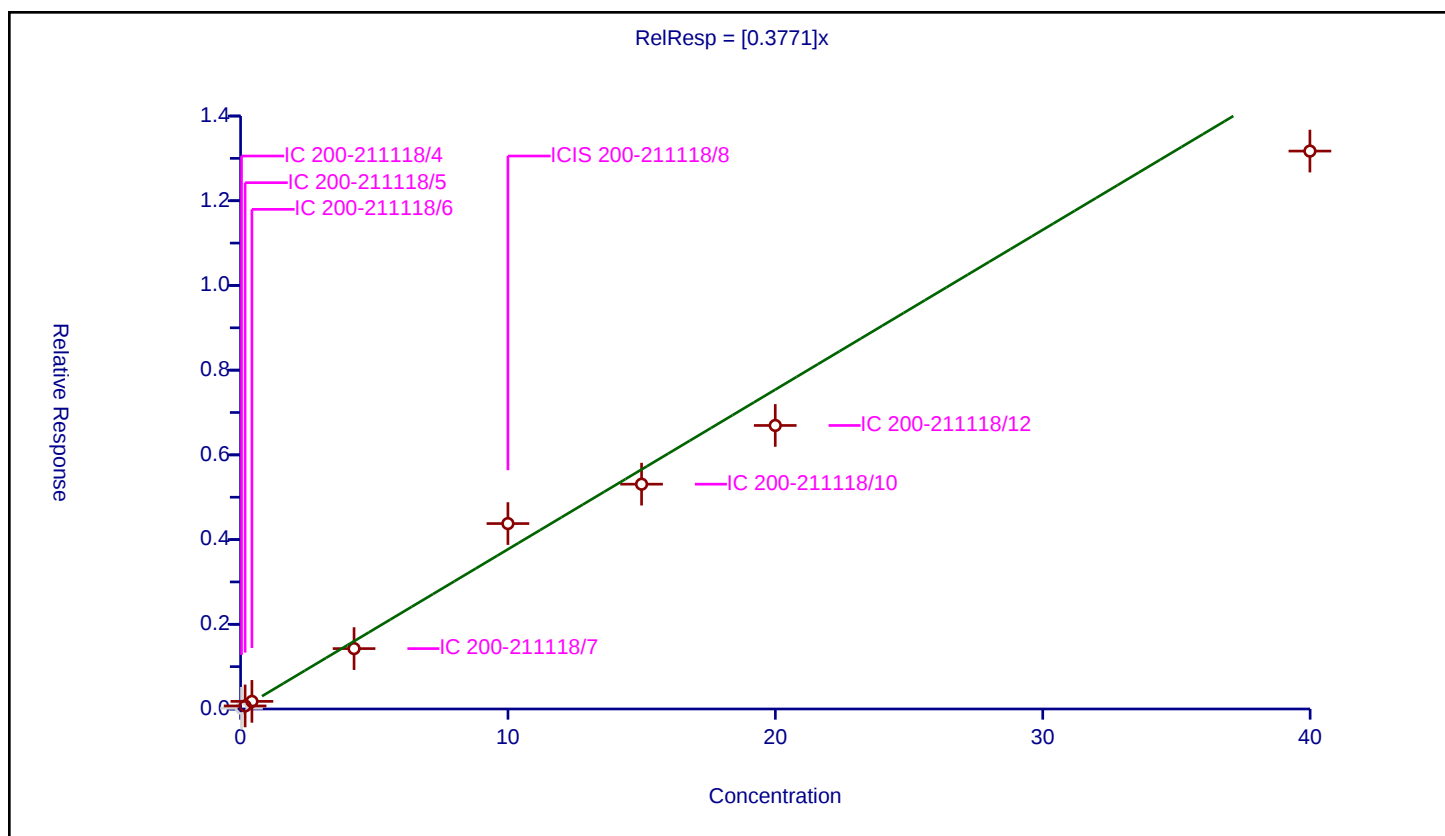
Curve Coefficients

Intercept: 0
Slope: 0.3771

Error Coefficients

Relative Standard Deviation: 13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.017121	10.0	3250332.0	0.488108	N
2	IC 200-211118/5	0.170374	0.072226	10.0	3158013.0	0.423926	Y
3	IC 200-211118/6	0.424368	0.17979	10.0	3378724.0	0.423665	Y
4	IC 200-211118/7	4.243678	1.425919	10.0	3467286.0	0.33601	Y
5	ICIS 200-211118/8	9.99806	4.377611	10.0	2597401.0	0.437846	Y
6	IC 200-211118/10	14.99709	5.30751	10.0	3407519.0	0.353903	Y
7	IC 200-211118/12	19.99612	6.693917	10.0	3343809.0	0.334761	Y
8	IC 200-211118/13	39.99224	13.172054	10.0	3291372.0	0.329365	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

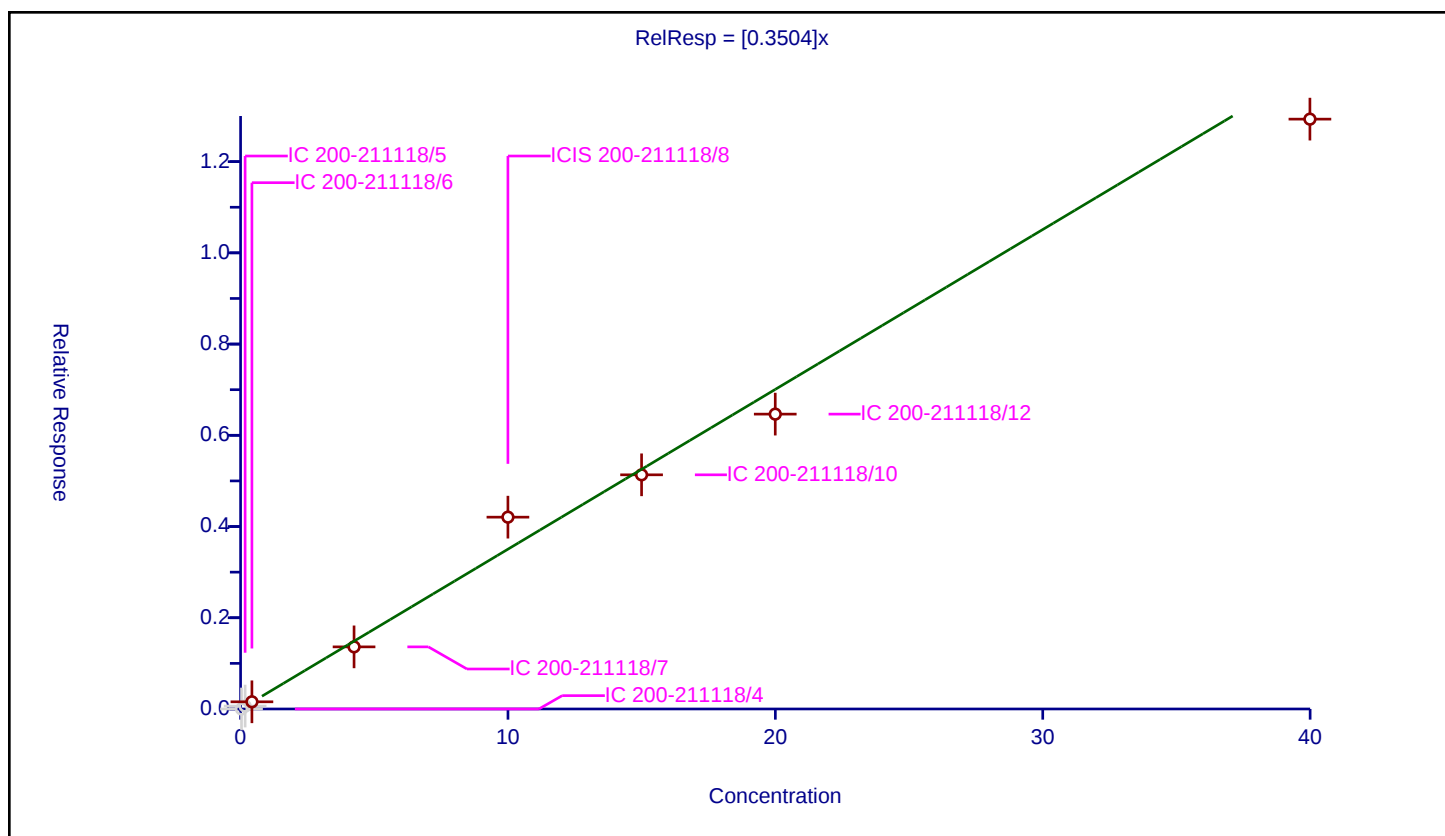
Curve Coefficients

Intercept: 0
Slope: 0.3504

Error Coefficients

Relative Standard Deviation: 11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.0	10.0	3250332.0	0.0	N
2	IC 200-211118/5	0.170374	0.06386	10.0	3158013.0	0.374822	N
3	IC 200-211118/6	0.424368	0.157752	10.0	3378724.0	0.371734	Y
4	IC 200-211118/7	4.243678	1.361907	10.0	3467286.0	0.320926	Y
5	ICIS 200-211118/8	9.99806	4.20575	10.0	2597401.0	0.420657	Y
6	IC 200-211118/10	14.99709	5.133591	10.0	3407519.0	0.342306	Y
7	IC 200-211118/12	19.99612	6.464427	10.0	3343809.0	0.323284	Y
8	IC 200-211118/13	39.99224	12.931556	10.0	3291372.0	0.323352	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

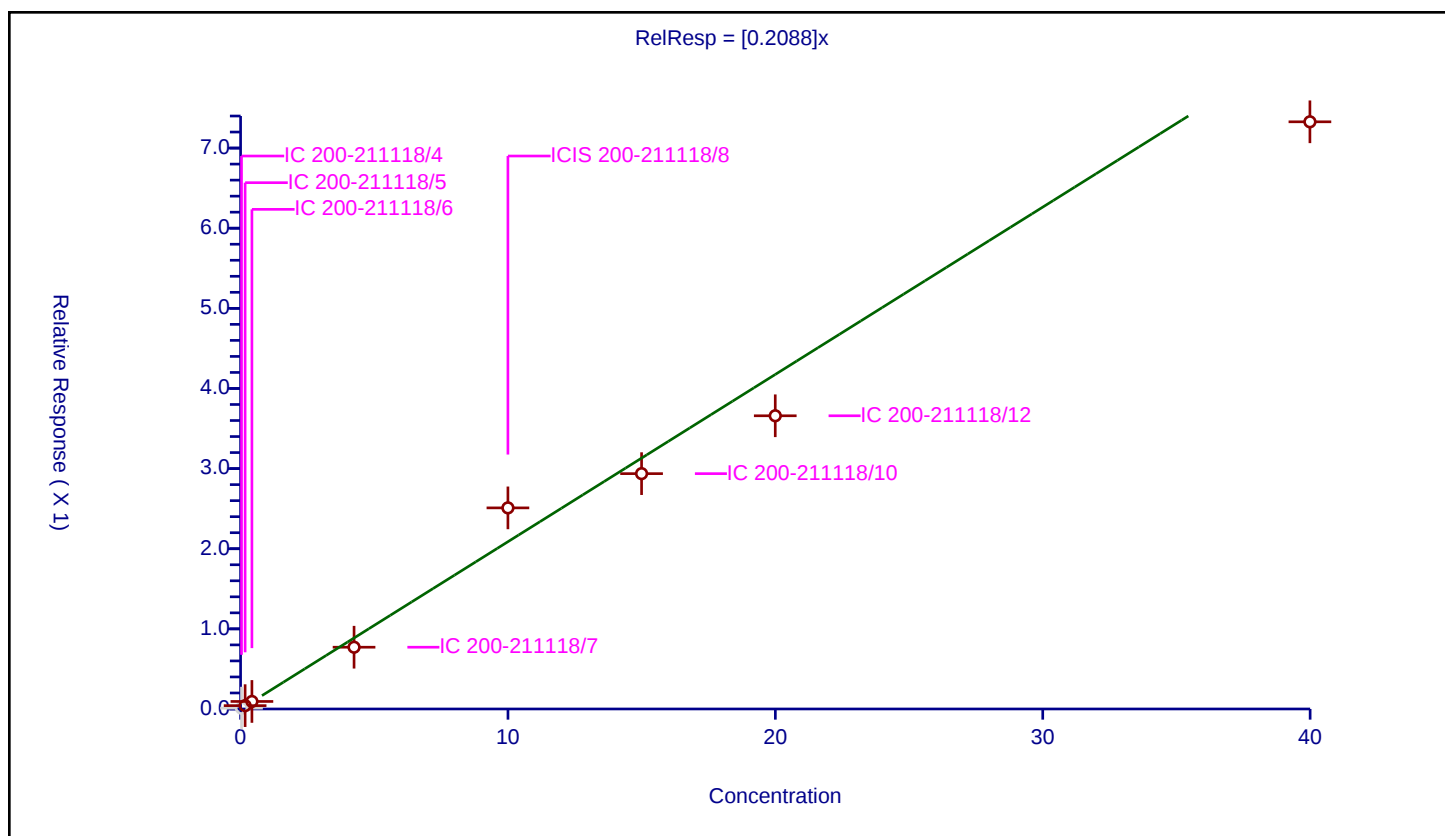
Curve Coefficients

Intercept: 0
 Slope: 0.2088

Error Coefficients

Relative Standard Deviation: 14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.010491	10.0	3250332.0	0.299092	N
2	IC 200-211118/5	0.170374	0.041779	10.0	3158013.0	0.245222	Y
3	IC 200-211118/6	0.424368	0.09397	10.0	3378724.0	0.221436	Y
4	IC 200-211118/7	4.243678	0.770888	10.0	3467286.0	0.181656	Y
5	ICIS 200-211118/8	9.99806	2.509728	10.0	2597401.0	0.251022	Y
6	IC 200-211118/10	14.99709	2.937043	10.0	3407519.0	0.195841	Y
7	IC 200-211118/12	19.99612	3.659165	10.0	3343809.0	0.182994	Y
8	IC 200-211118/13	39.99224	7.327756	10.0	3291372.0	0.183229	Y



Calibration

/ Dibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

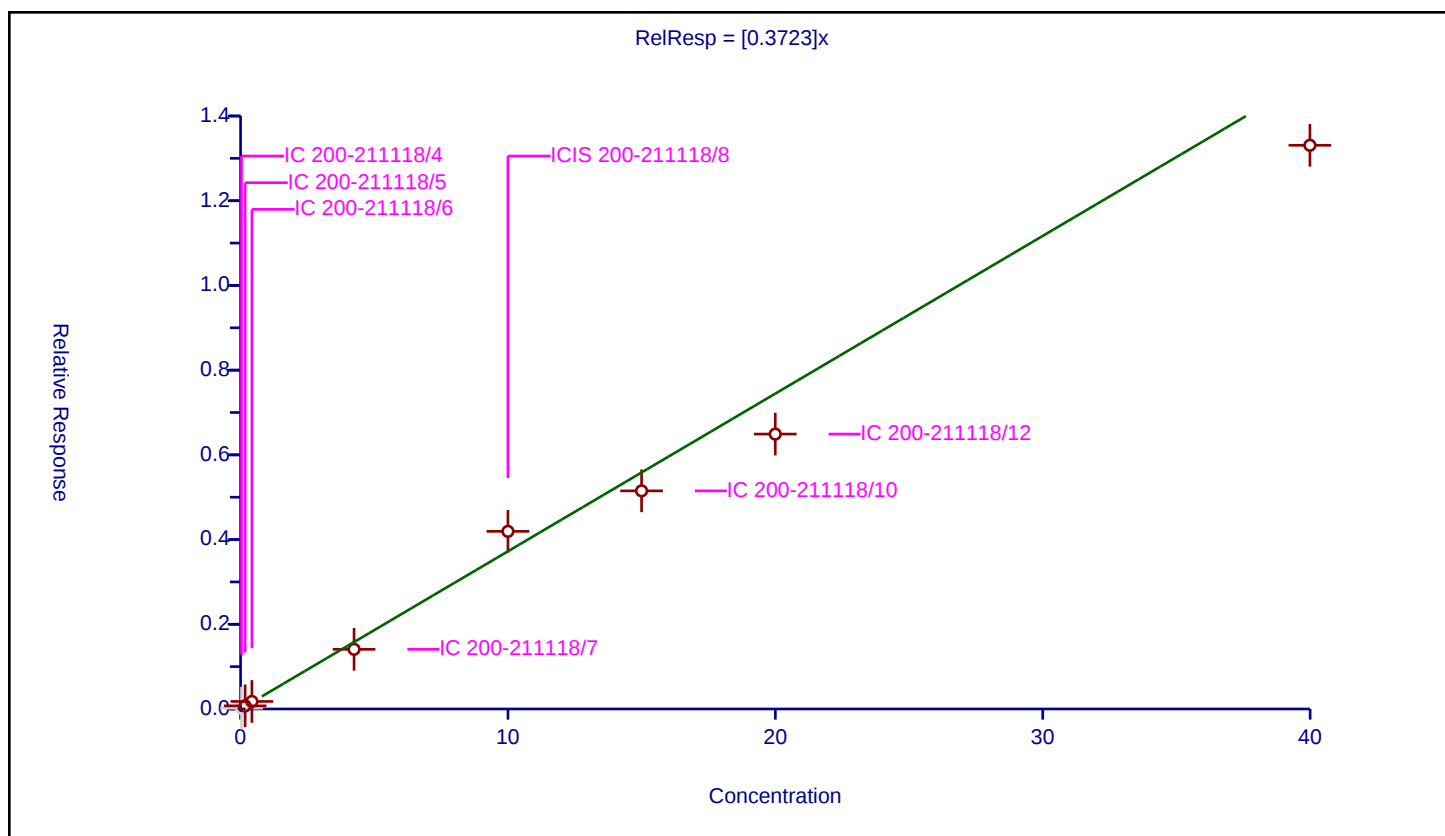
Curve Coefficients

Intercept: 0
Slope: 0.3723

Error Coefficients

Relative Standard Deviation: 13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.019613	10.0	3250332.0	0.559153	N
2	IC 200-211118/5	0.170374	0.074214	10.0	3158013.0	0.435598	Y
3	IC 200-211118/6	0.424368	0.177573	10.0	3378724.0	0.418441	Y
4	IC 200-211118/7	4.243678	1.408811	10.0	3467286.0	0.331979	Y
5	ICIS 200-211118/8	9.99806	4.193742	10.0	2597401.0	0.419456	Y
6	IC 200-211118/10	14.99709	5.149794	10.0	3407519.0	0.343386	Y
7	IC 200-211118/12	19.99612	6.490798	10.0	3343809.0	0.324603	Y
8	IC 200-211118/13	39.99224	13.308614	10.0	3291372.0	0.33278	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

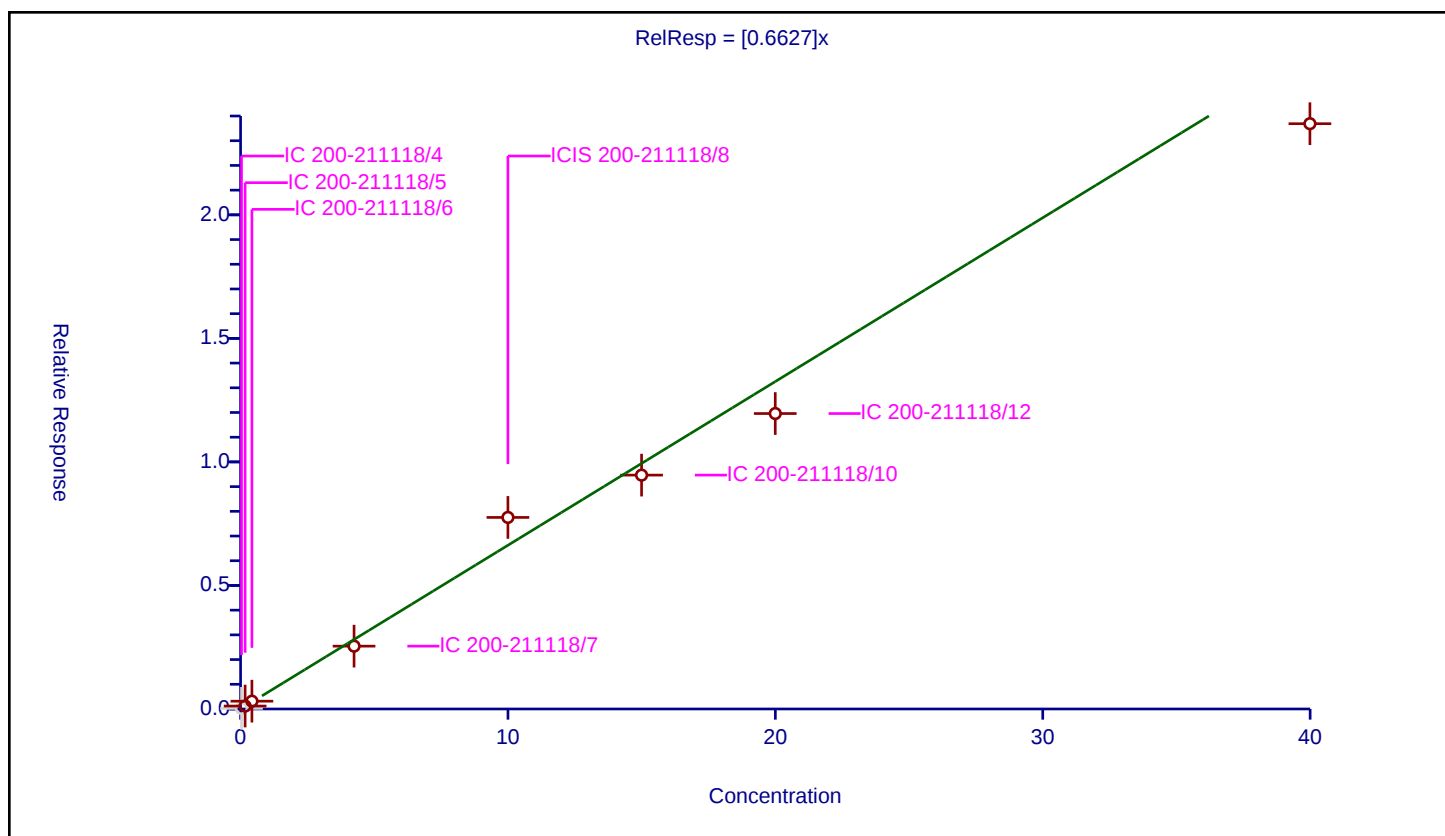
Curve Coefficients

Intercept: 0
Slope: 0.6627

Error Coefficients

Relative Standard Deviation: 11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.02417	10.0	3250332.0	0.689052	N
2	IC 200-211118/5	0.170374	0.118898	10.0	3158013.0	0.697863	Y
3	IC 200-211118/6	0.424368	0.316016	10.0	3378724.0	0.744674	Y
4	IC 200-211118/7	4.243678	2.54373	10.0	3467286.0	0.599416	Y
5	ICIS 200-211118/8	9.99806	7.753524	10.0	2597401.0	0.775503	Y
6	IC 200-211118/10	14.99709	9.465511	10.0	3407519.0	0.631157	Y
7	IC 200-211118/12	19.99612	11.957842	10.0	3343809.0	0.598008	Y
8	IC 200-211118/13	39.99224	23.689346	10.0	3291372.0	0.592349	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

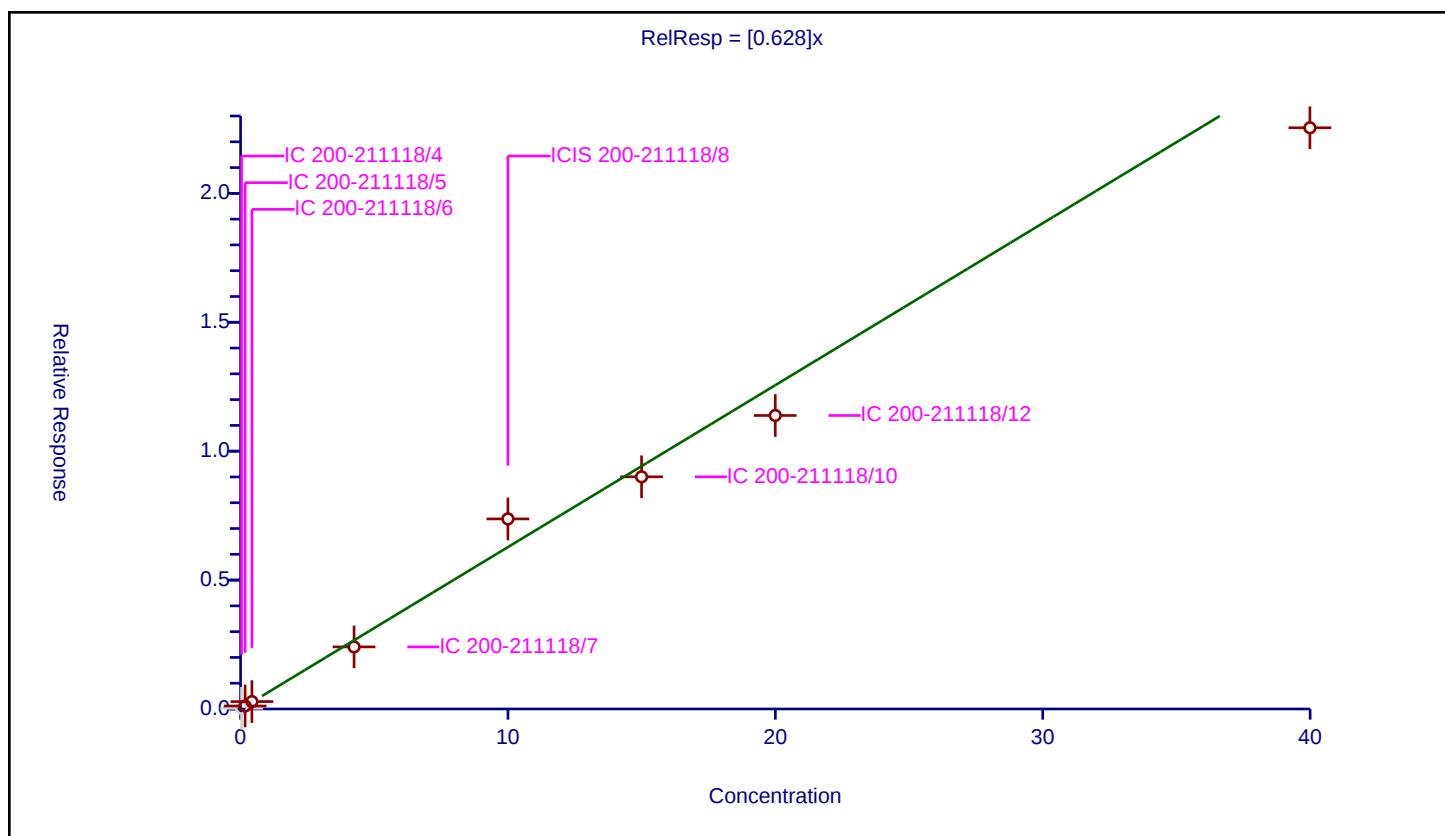
Curve Coefficients

Intercept: 0
Slope: 0.628

Error Coefficients

Relative Standard Deviation: 11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.027917	10.0	3250332.0	0.795883	N
2	IC 200-211118/5	0.170374	0.116038	10.0	3158013.0	0.68108	Y
3	IC 200-211118/6	0.424368	0.287265	10.0	3378724.0	0.676925	Y
4	IC 200-211118/7	4.243678	2.408056	10.0	3467286.0	0.567446	Y
5	ICIS 200-211118/8	9.99806	7.372354	10.0	2597401.0	0.737378	Y
6	IC 200-211118/10	14.99709	9.005241	10.0	3407519.0	0.600466	Y
7	IC 200-211118/12	19.99612	11.384514	10.0	3343809.0	0.569336	Y
8	IC 200-211118/13	39.99224	22.543966	10.0	3291372.0	0.563709	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

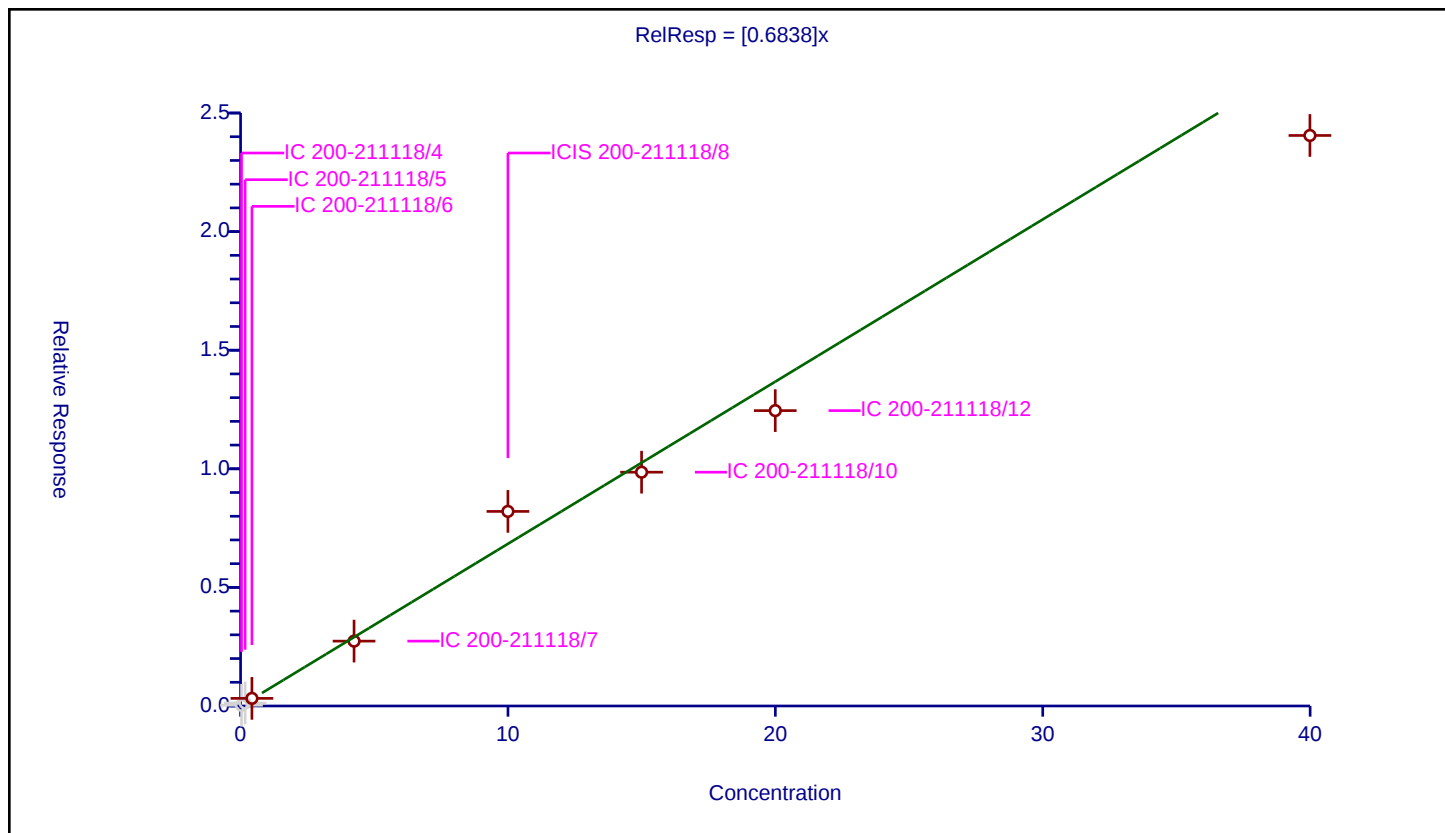
Curve Coefficients

Intercept: 0
Slope: 0.6838

Error Coefficients

Relative Standard Deviation: 12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.030954	10.0	3250332.0	0.882453	N
2	IC 200-211118/5	0.170374	0.125718	10.0	3158013.0	0.737897	N
3	IC 200-211118/6	0.424368	0.320896	10.0	3378724.0	0.756175	Y
4	IC 200-211118/7	4.243678	2.735142	10.0	3467286.0	0.644522	Y
5	ICIS 200-211118/8	9.99806	8.203701	10.0	2597401.0	0.820529	Y
6	IC 200-211118/10	14.99709	9.857131	10.0	3407519.0	0.65727	Y
7	IC 200-211118/12	19.99612	12.452826	10.0	3343809.0	0.622762	Y
8	IC 200-211118/13	39.99224	24.053349	10.0	3291372.0	0.60145	Y



Calibration

/ Toluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

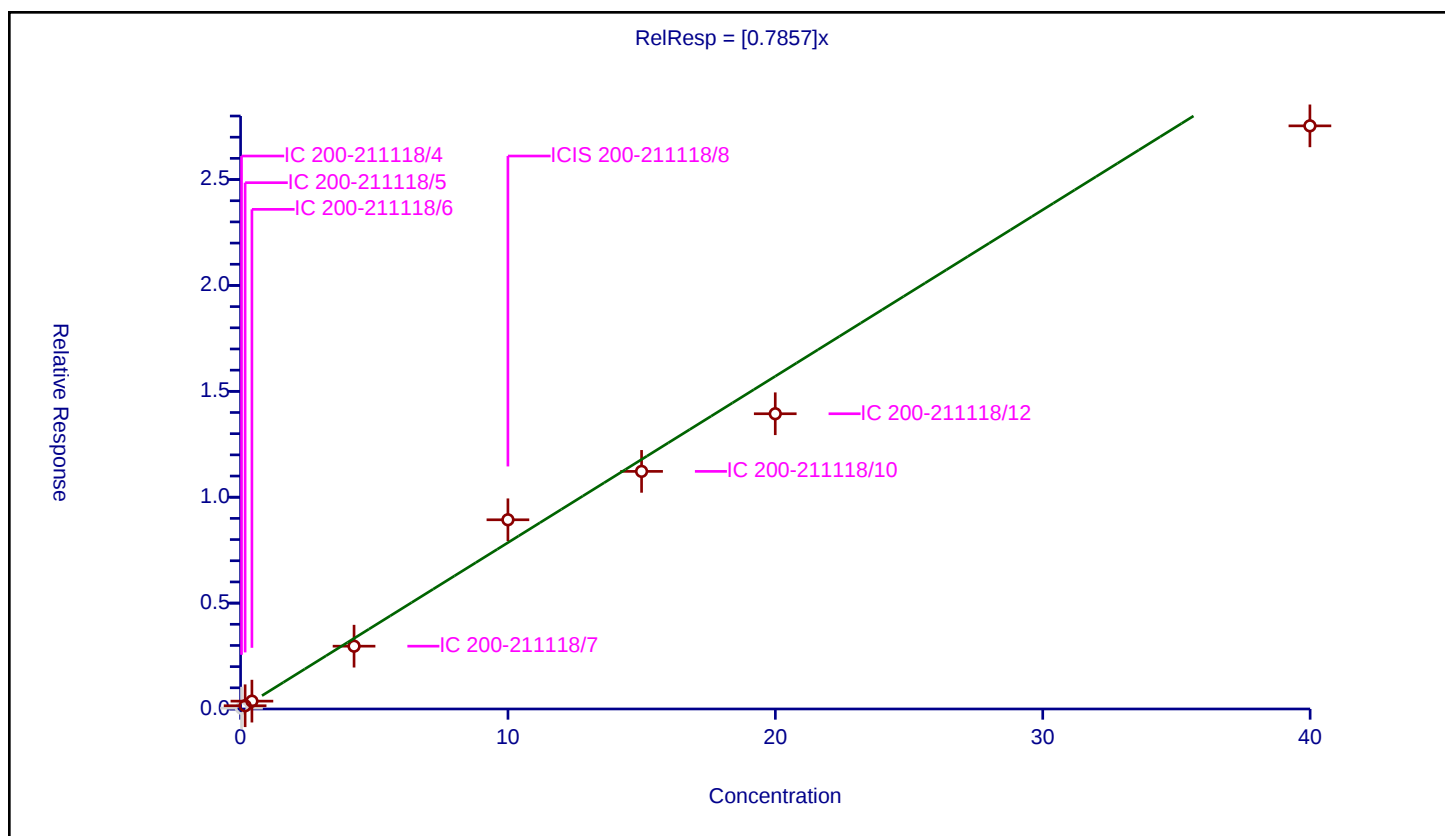
Curve Coefficients

Intercept: 0
 Slope: 0.7857

Error Coefficients

Relative Standard Deviation: 12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.039427	10.0	2747624.0	1.124009	N
2	IC 200-211118/5	0.170374	0.153043	10.0	2697280.0	0.898279	Y
3	IC 200-211118/6	0.424368	0.371316	10.0	2936337.0	0.874987	Y
4	IC 200-211118/7	4.243678	2.96582	10.0	3083235.0	0.69888	Y
5	ICIS 200-211118/8	9.99806	8.934382	10.0	2333914.0	0.893612	Y
6	IC 200-211118/10	14.99709	11.220228	10.0	2950908.0	0.74816	Y
7	IC 200-211118/12	19.99612	13.941093	10.0	2930601.0	0.69719	Y
8	IC 200-211118/13	39.99224	27.534829	10.0	2883573.0	0.688504	Y



Calibration

/ n-Octane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

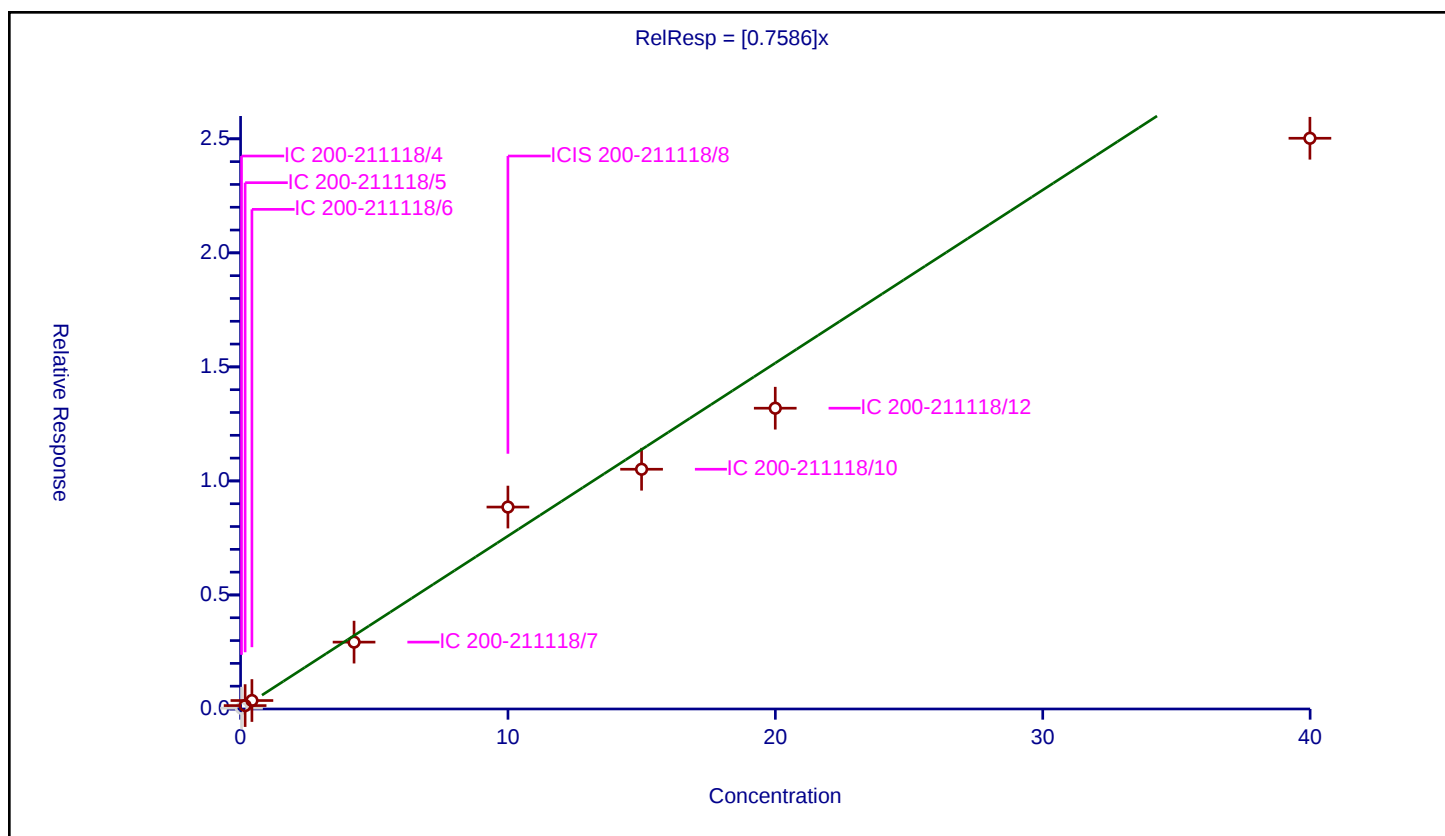
Curve Coefficients

Intercept: 0
Slope: 0.7586

Error Coefficients

Relative Standard Deviation: 15.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.035846	10.0	3250332.0	1.021913	N
2	IC 200-211118/5	0.170374	0.148742	10.0	3158013.0	0.873035	Y
3	IC 200-211118/6	0.424368	0.370977	10.0	3378724.0	0.874188	Y
4	IC 200-211118/7	4.243678	2.931933	10.0	3467286.0	0.690894	Y
5	ICIS 200-211118/8	9.99806	8.854243	10.0	2597401.0	0.885596	Y
6	IC 200-211118/10	14.99709	10.512056	10.0	3407519.0	0.70094	Y
7	IC 200-211118/12	19.99612	13.18796	10.0	3343809.0	0.659526	Y
8	IC 200-211118/13	39.99224	25.02529	10.0	3291372.0	0.625754	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

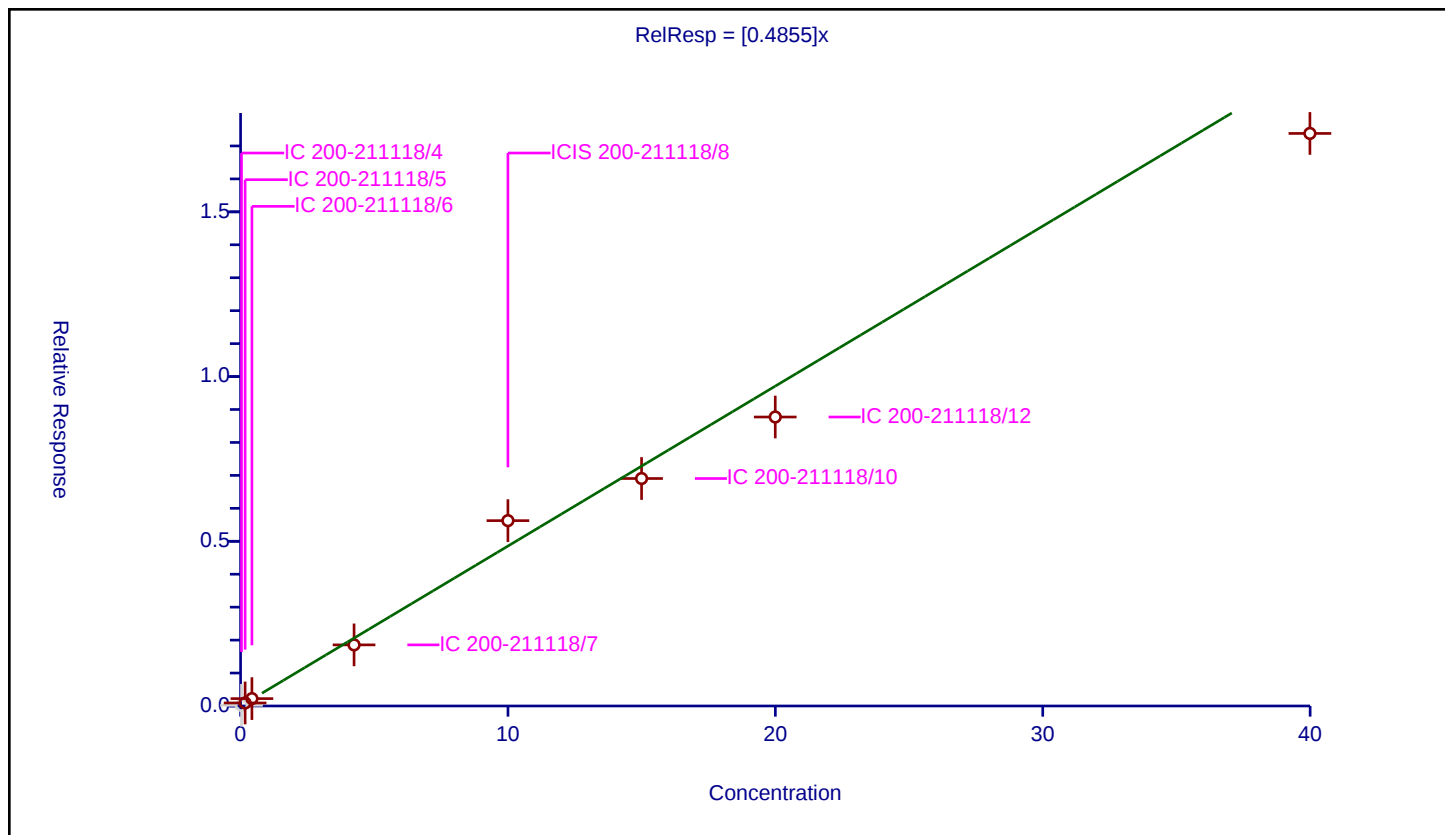
Curve Coefficients

Intercept: 0
Slope: 0.4855

Error Coefficients

Relative Standard Deviation: 11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.02053	10.0	3250332.0	0.585291	N
2	IC 200-211118/5	0.170374	0.091589	10.0	3158013.0	0.537578	Y
3	IC 200-211118/6	0.424368	0.223951	10.0	3378724.0	0.527729	Y
4	IC 200-211118/7	4.243678	1.854779	10.0	3467286.0	0.437069	Y
5	ICIS 200-211118/8	9.99806	5.626151	10.0	2597401.0	0.562724	Y
6	IC 200-211118/10	14.99709	6.905361	10.0	3407519.0	0.460447	Y
7	IC 200-211118/12	19.99612	8.771966	10.0	3343809.0	0.438683	Y
8	IC 200-211118/13	39.99224	17.380029	10.0	3291372.0	0.434585	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

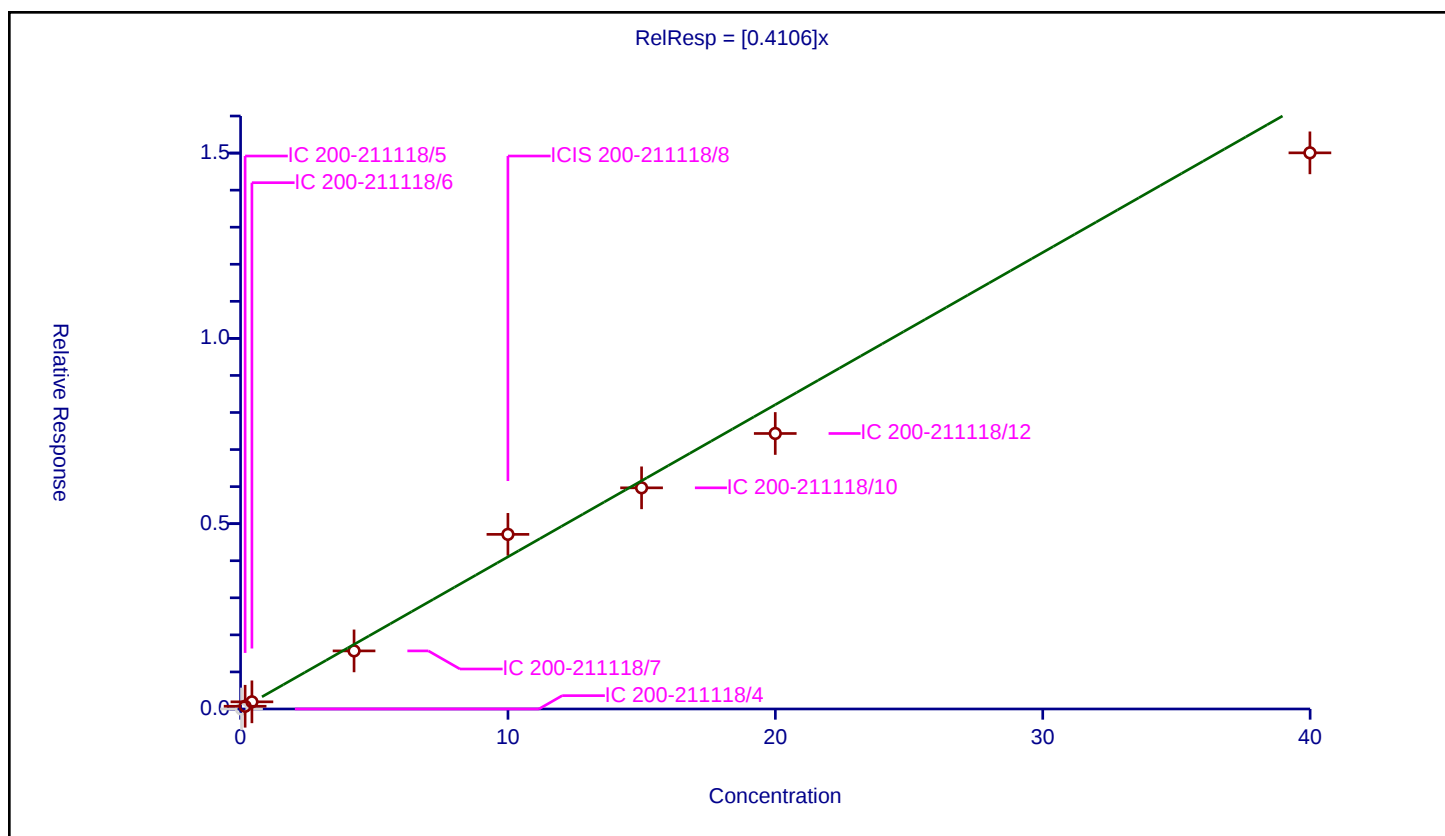
Curve Coefficients

Intercept: 0
Slope: 0.4106

Error Coefficients

Relative Standard Deviation: 10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.0	10.0	2747624.0	0.0	N
2	IC 200-211118/5	0.170374	0.073815	10.0	2697280.0	0.433254	Y
3	IC 200-211118/6	0.424368	0.193217	10.0	2936337.0	0.455305	Y
4	IC 200-211118/7	4.243678	1.567555	10.0	3083235.0	0.369386	Y
5	ICIS 200-211118/8	9.99806	4.712003	10.0	2333914.0	0.471292	Y
6	IC 200-211118/10	14.99709	5.967753	10.0	2950908.0	0.397927	Y
7	IC 200-211118/12	19.99612	7.433823	10.0	2930601.0	0.371763	Y
8	IC 200-211118/13	39.99224	15.006417	10.0	2883573.0	0.375233	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

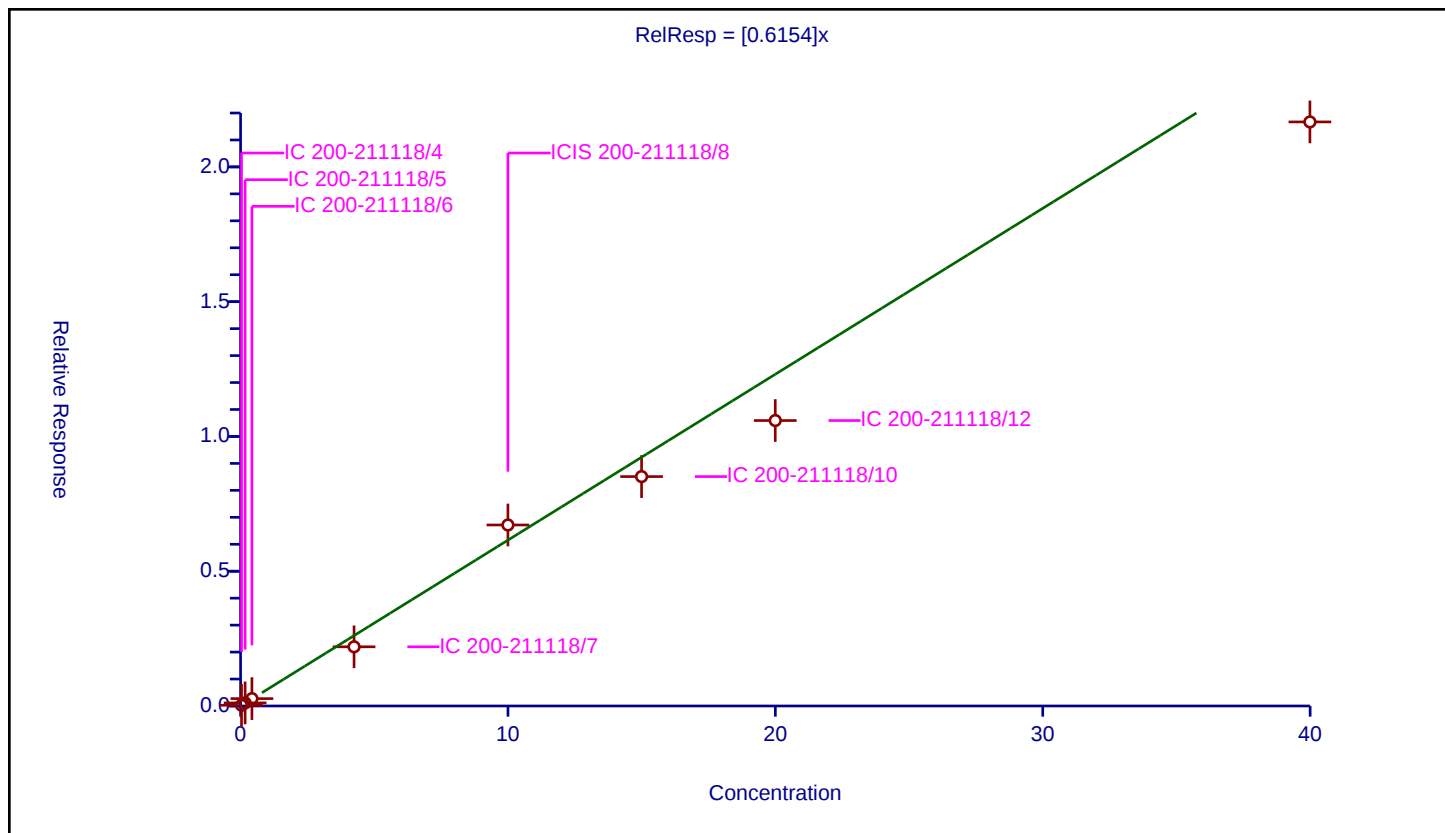
Curve Coefficients

Intercept: 0
 Slope: 0.6154

Error Coefficients

Relative Standard Deviation: 14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.02742	10.0	2747624.0	0.781712	Y
2	IC 200-211118/5	0.170374	0.114111	10.0	2697280.0	0.66977	Y
3	IC 200-211118/6	0.424368	0.273204	10.0	2936337.0	0.643791	Y
4	IC 200-211118/7	4.243678	2.195742	10.0	3083235.0	0.517415	Y
5	ICIS 200-211118/8	9.99806	6.715037	10.0	2333914.0	0.671634	Y
6	IC 200-211118/10	14.99709	8.510967	10.0	2950908.0	0.567508	Y
7	IC 200-211118/12	19.99612	10.590817	10.0	2930601.0	0.529644	Y
8	IC 200-211118/13	39.99224	21.669828	10.0	2883573.0	0.541851	Y



Calibration

/ 2-Hexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

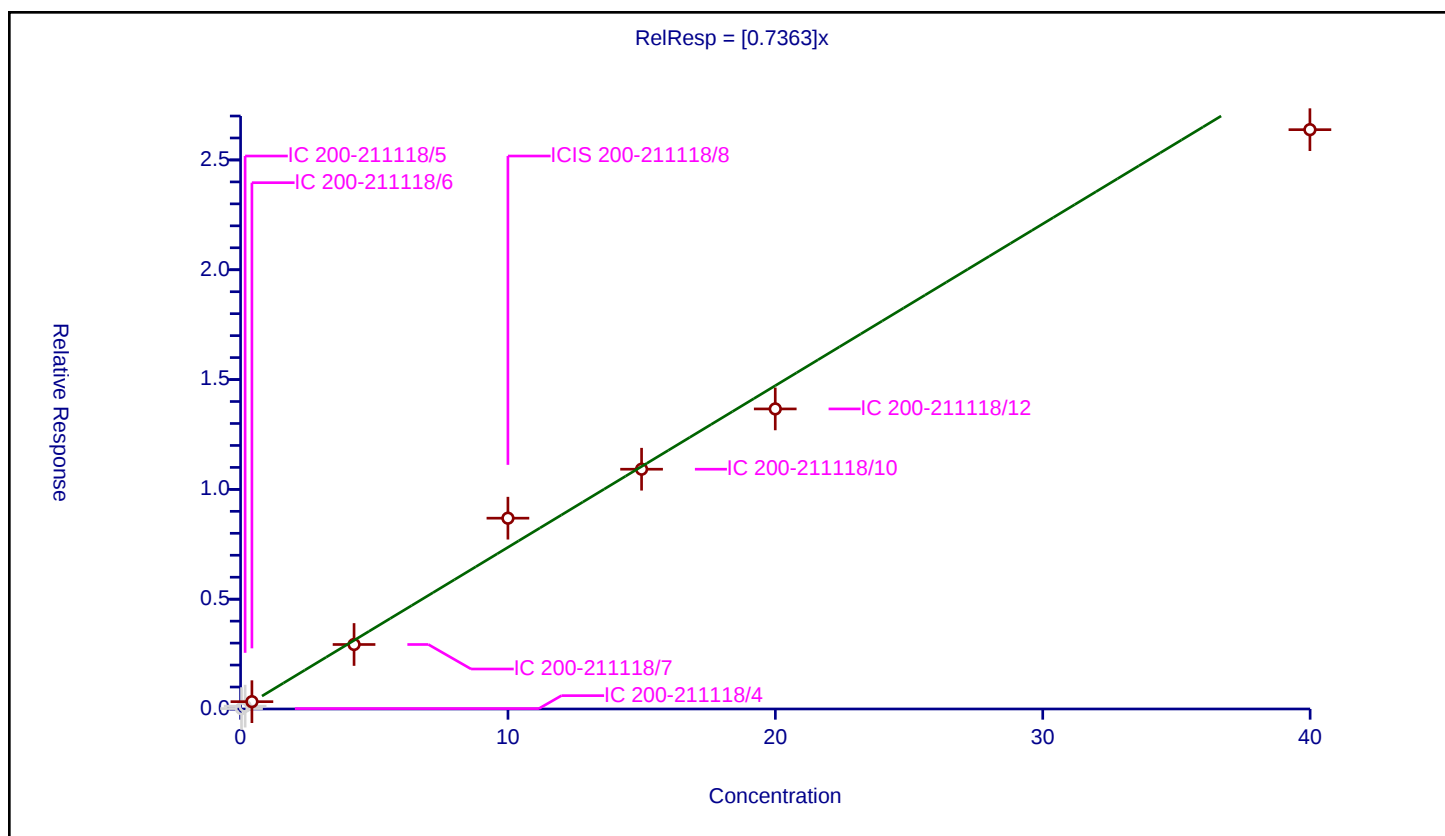
Curve Coefficients

Intercept: 0
Slope: 0.7363

Error Coefficients

Relative Standard Deviation: 10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.01922	10.0	2747624.0	0.547945	N
2	IC 200-211118/5	0.170374	0.128826	10.0	2697280.0	0.756138	N
3	IC 200-211118/6	0.424368	0.333487	10.0	2936337.0	0.785844	Y
4	IC 200-211118/7	4.243678	2.936283	10.0	3083235.0	0.691919	Y
5	ICIS 200-211118/8	9.99806	8.688066	10.0	2333914.0	0.868975	Y
6	IC 200-211118/10	14.99709	10.917375	10.0	2950908.0	0.727966	Y
7	IC 200-211118/12	19.99612	13.663283	10.0	2930601.0	0.683297	Y
8	IC 200-211118/13	39.99224	26.377765	10.0	2883573.0	0.659572	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

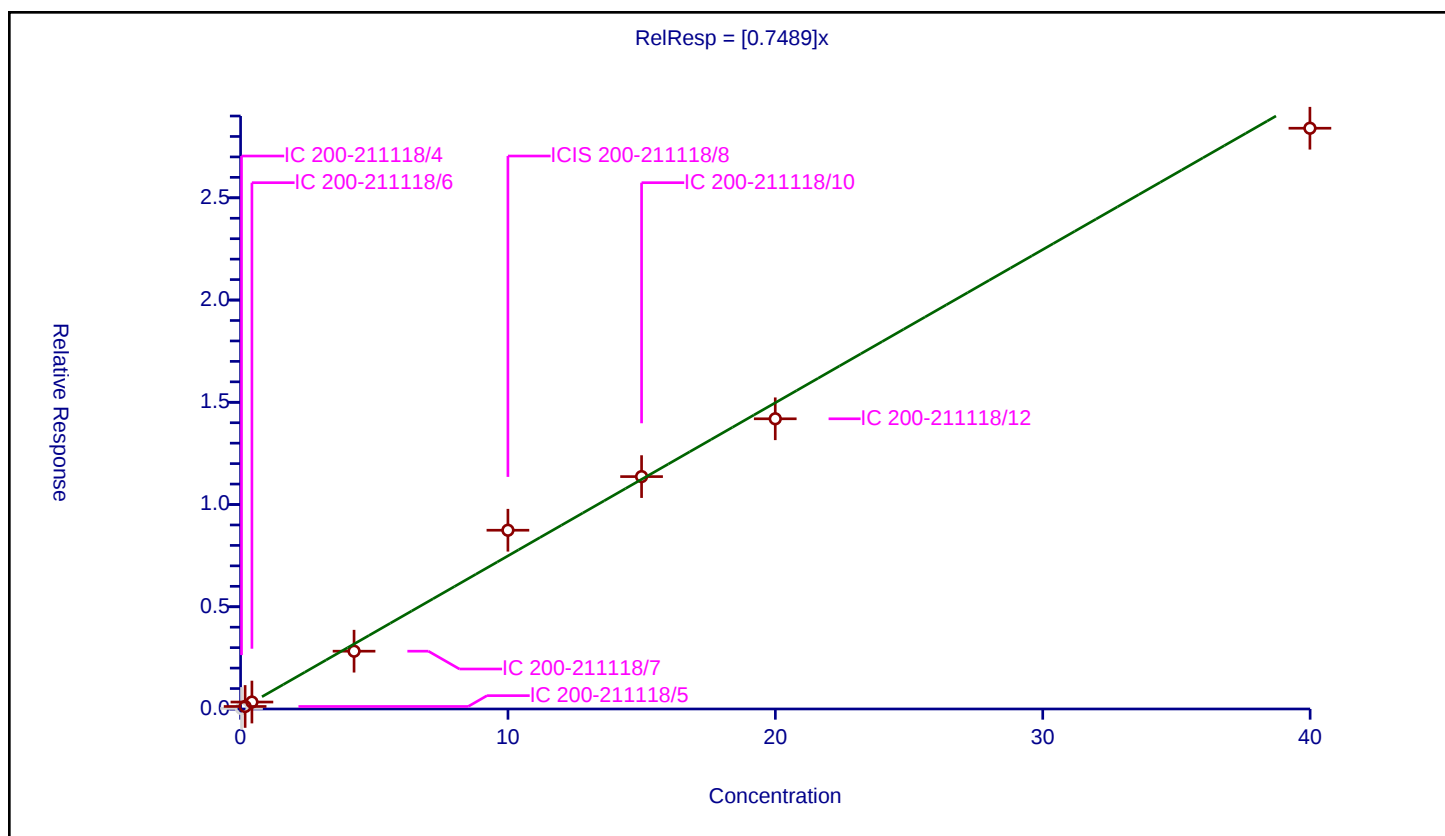
Curve Coefficients

Intercept: 0
 Slope: 0.7489

Error Coefficients

Relative Standard Deviation: 9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.027089	10.0	2747624.0	0.77227	N
2	IC 200-211118/5	0.170374	0.123102	10.0	2697280.0	0.72254	Y
3	IC 200-211118/6	0.424368	0.340039	10.0	2936337.0	0.801284	Y
4	IC 200-211118/7	4.243678	2.826784	10.0	3083235.0	0.666116	Y
5	ICIS 200-211118/8	9.99806	8.742447	10.0	2333914.0	0.874414	Y
6	IC 200-211118/10	14.99709	11.365739	10.0	2950908.0	0.757863	Y
7	IC 200-211118/12	19.99612	14.192229	10.0	2930601.0	0.709749	Y
8	IC 200-211118/13	39.99224	28.403214	10.0	2883573.0	0.710218	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

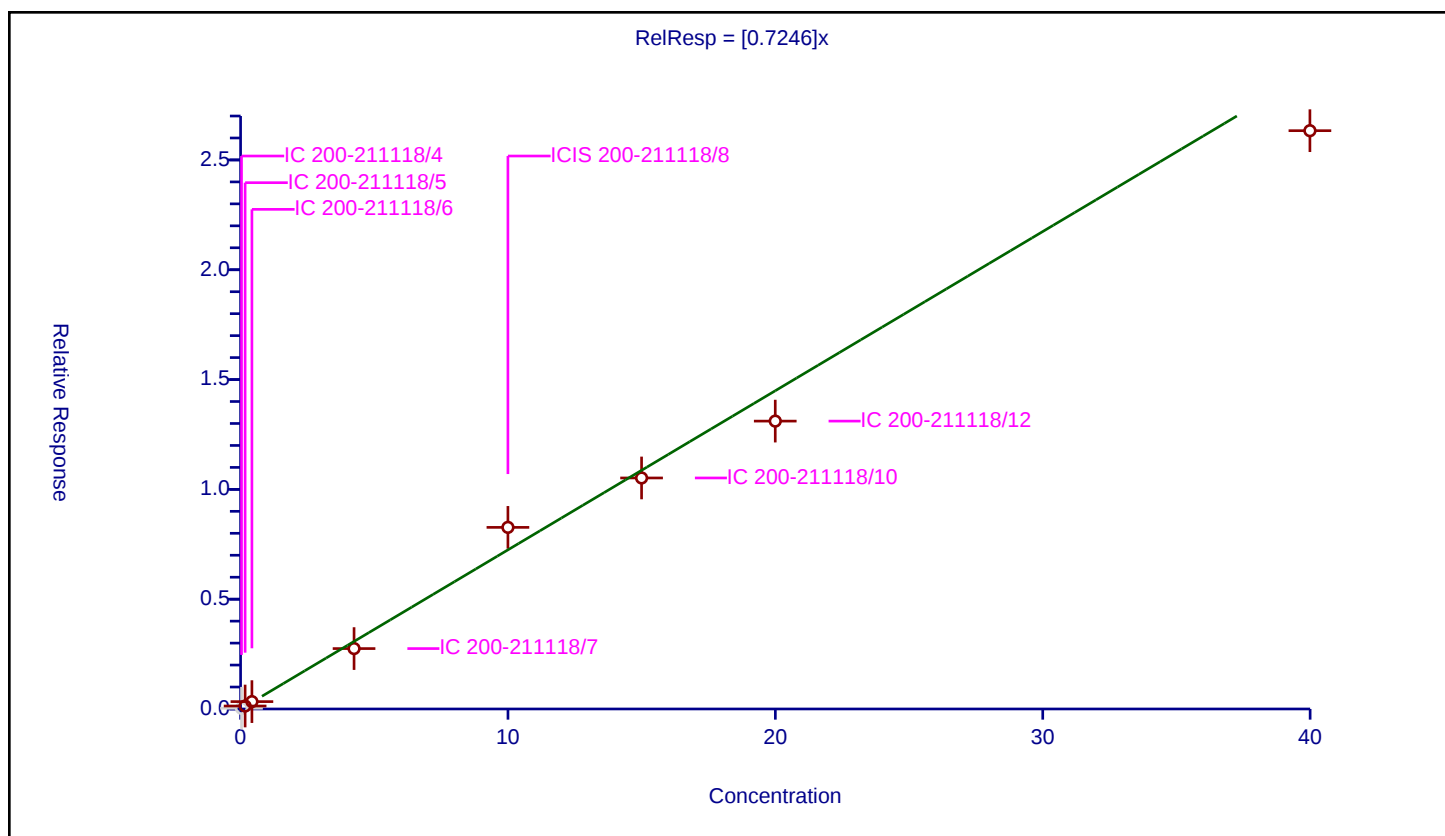
Curve Coefficients

Intercept: 0
 Slope: 0.7246

Error Coefficients

Relative Standard Deviation: 10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.032978	10.0	2747624.0	0.94015	N
2	IC 200-211118/5	0.170374	0.134925	10.0	2697280.0	0.791934	Y
3	IC 200-211118/6	0.424368	0.3352	10.0	2936337.0	0.789881	Y
4	IC 200-211118/7	4.243678	2.750796	10.0	3083235.0	0.64821	Y
5	ICIS 200-211118/8	9.99806	8.269568	10.0	2333914.0	0.827117	Y
6	IC 200-211118/10	14.99709	10.519366	10.0	2950908.0	0.701427	Y
7	IC 200-211118/12	19.99612	13.108188	10.0	2930601.0	0.655537	Y
8	IC 200-211118/13	39.99224	26.331558	10.0	2883573.0	0.658417	Y



Calibration

/ Chlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

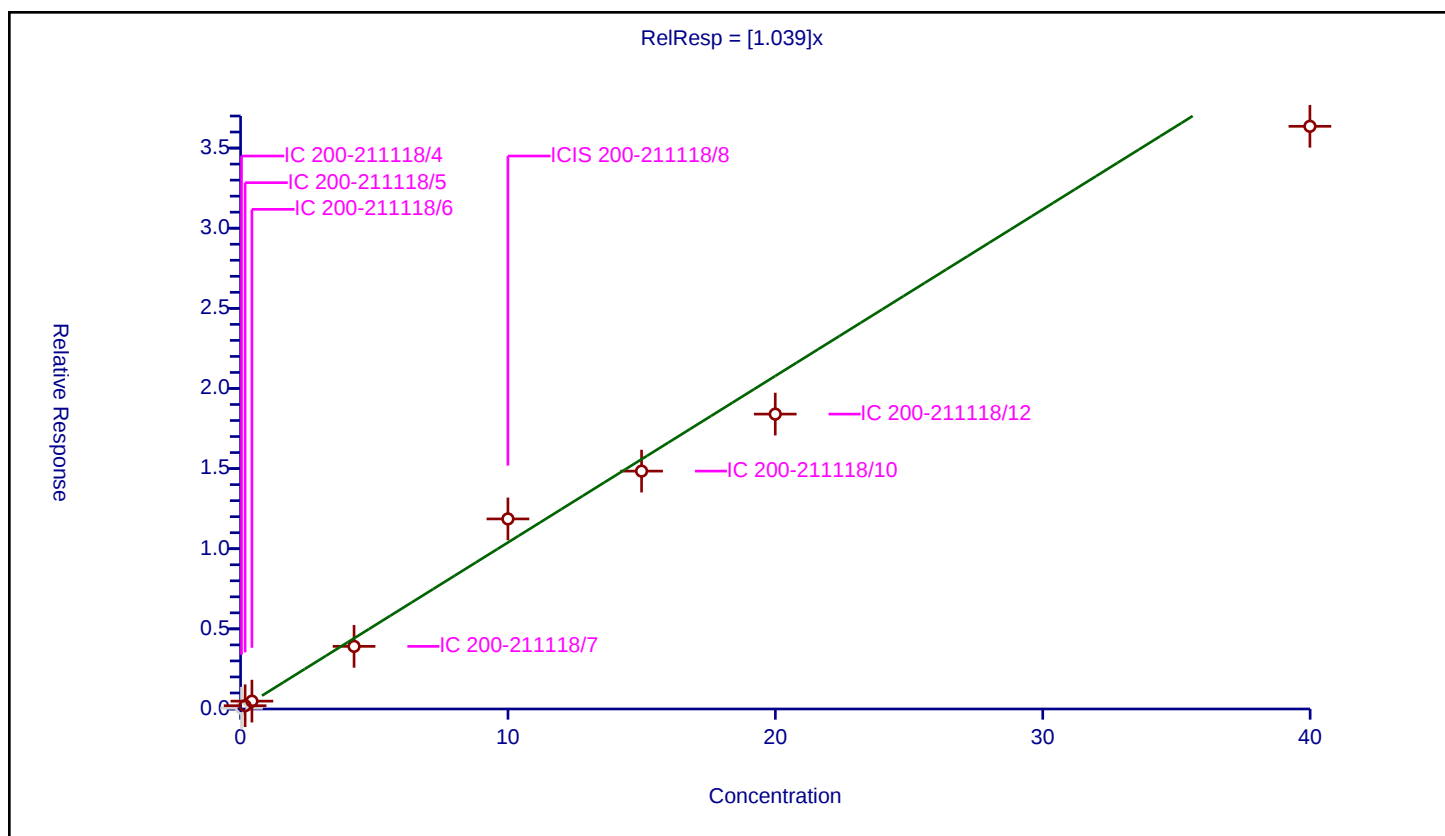
Curve Coefficients

Intercept: 0
Slope: 1.039

Error Coefficients

Relative Standard Deviation: 12.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.049272	10.0	2747624.0	1.404674	N
2	IC 200-211118/5	0.170374	0.203394	10.0	2697280.0	1.19381	Y
3	IC 200-211118/6	0.424368	0.489627	10.0	2936337.0	1.15378	Y
4	IC 200-211118/7	4.243678	3.907775	10.0	3083235.0	0.920846	Y
5	ICIS 200-211118/8	9.99806	11.860086	10.0	2333914.0	1.186239	Y
6	IC 200-211118/10	14.99709	14.842533	10.0	2950908.0	0.989694	Y
7	IC 200-211118/12	19.99612	18.401106	10.0	2930601.0	0.920234	Y
8	IC 200-211118/13	39.99224	36.358535	10.0	2883573.0	0.90914	Y



Calibration

/ Ethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

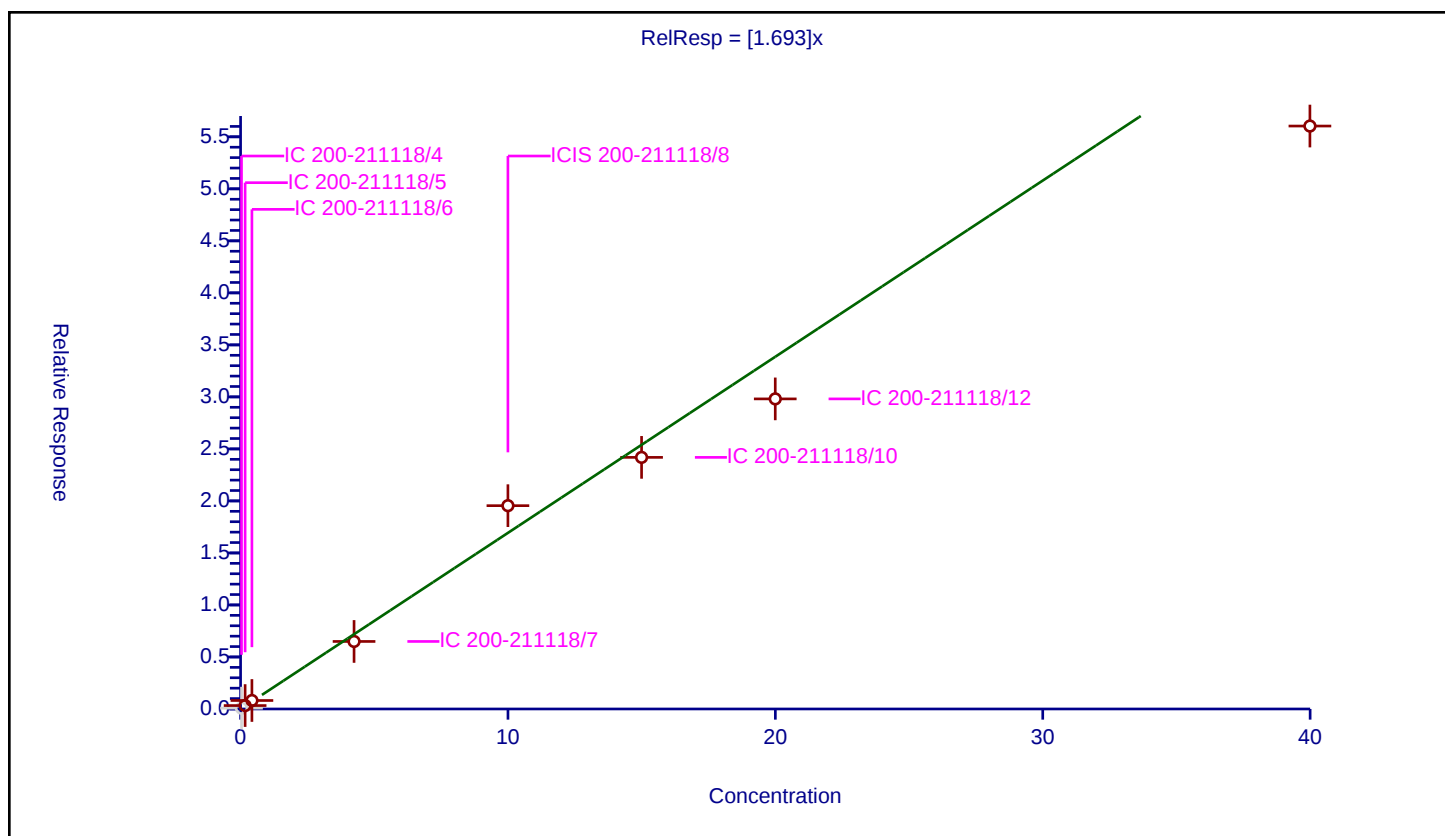
Curve Coefficients

Intercept: 0
Slope: 1.693

Error Coefficients

Relative Standard Deviation: 14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.079898	10.0	2747624.0	2.277796	N
2	IC 200-211118/5	0.170374	0.329932	10.0	2697280.0	1.936522	Y
3	IC 200-211118/6	0.424368	0.817362	10.0	2936337.0	1.926069	Y
4	IC 200-211118/7	4.243678	6.492064	10.0	3083235.0	1.52982	Y
5	ICIS 200-211118/8	9.99806	19.543659	10.0	2333914.0	1.954745	Y
6	IC 200-211118/10	14.99709	24.185742	10.0	2950908.0	1.612696	Y
7	IC 200-211118/12	19.99612	29.808288	10.0	2930601.0	1.490704	Y
8	IC 200-211118/13	39.99224	56.03529	10.0	2883573.0	1.401154	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

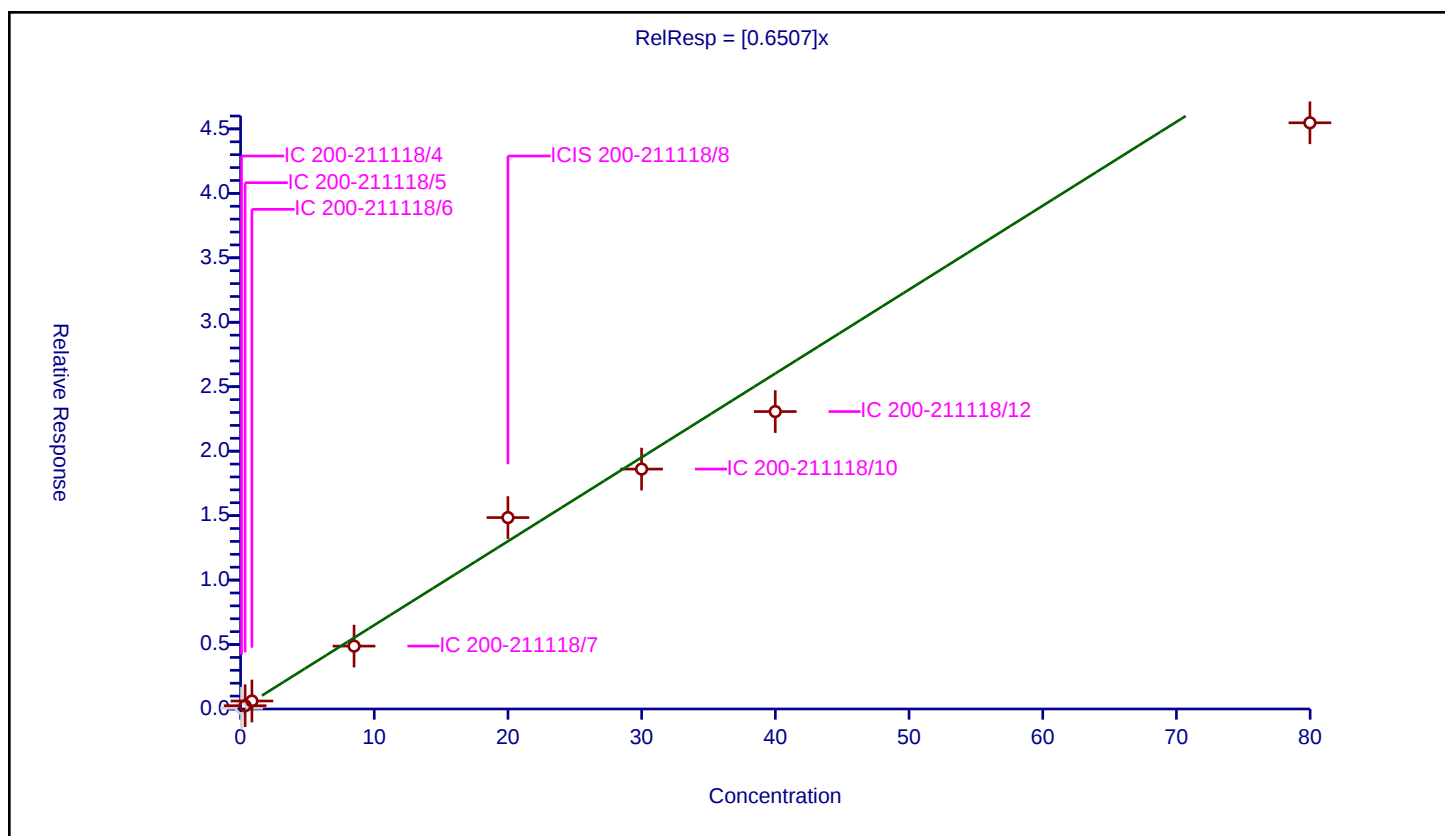
Curve Coefficients

Intercept: 0
Slope: 0.6507

Error Coefficients

Relative Standard Deviation: 12.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.070154	0.059641	10.0	2747624.0	0.85014	N
2	IC 200-211118/5	0.340747	0.252751	10.0	2697280.0	0.741754	Y
3	IC 200-211118/6	0.848736	0.619251	10.0	2936337.0	0.729616	Y
4	IC 200-211118/7	8.487357	4.87981	10.0	3083235.0	0.57495	Y
5	ICIS 200-211118/8	19.99612	14.847235	10.0	2333914.0	0.742506	Y
6	IC 200-211118/10	29.99418	18.610516	10.0	2950908.0	0.620471	Y
7	IC 200-211118/12	39.99224	23.072813	10.0	2930601.0	0.576932	Y
8	IC 200-211118/13	79.984479	45.474406	10.0	2883573.0	0.56854	Y



Calibration

/ n-Nonane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

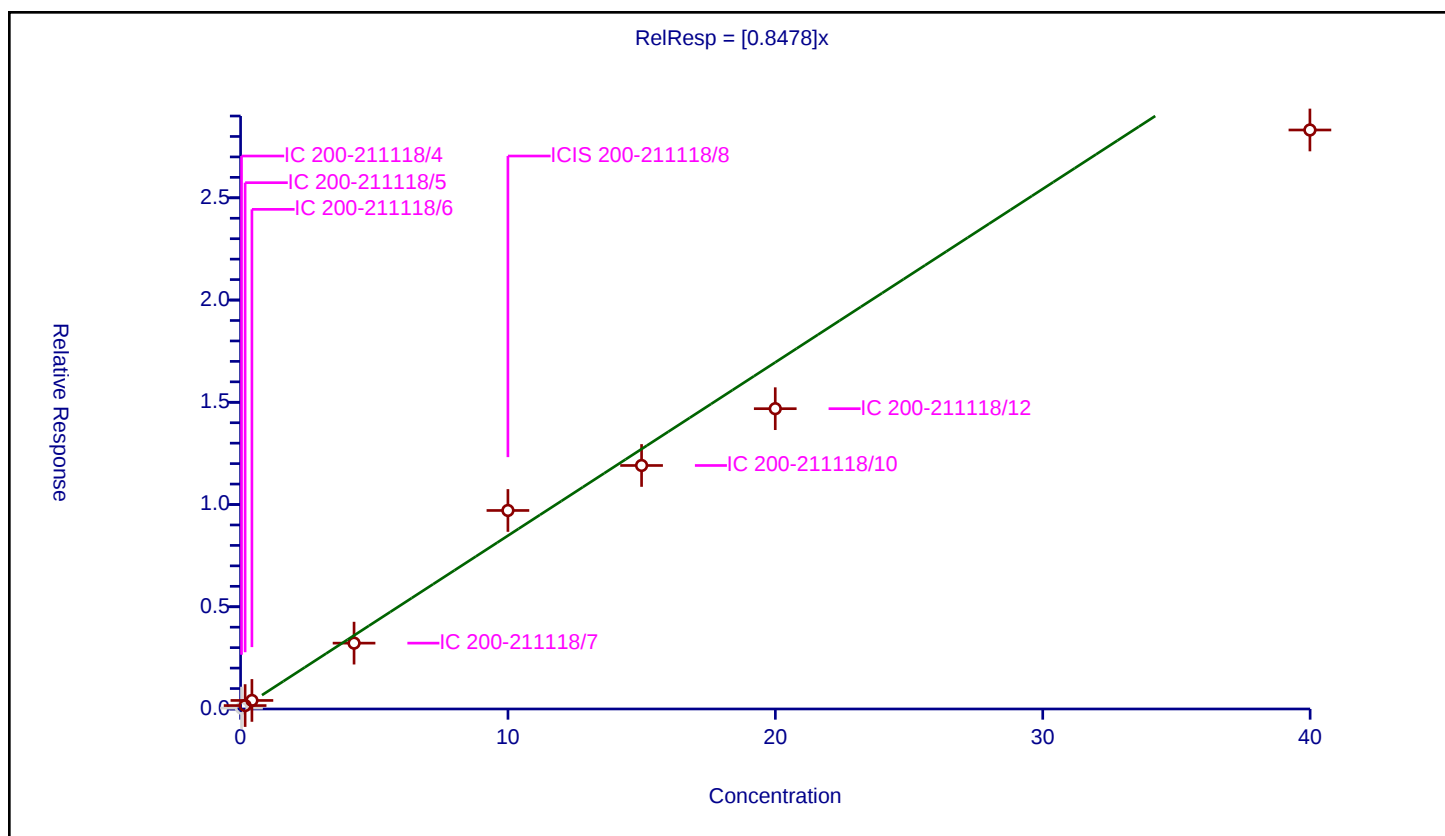
Curve Coefficients

Intercept: 0
Slope: 0.8478

Error Coefficients

Relative Standard Deviation: 14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.044227	10.0	2747624.0	1.260865	N
2	IC 200-211118/5	0.170374	0.167269	10.0	2697280.0	0.981774	Y
3	IC 200-211118/6	0.424368	0.418365	10.0	2936337.0	0.985854	Y
4	IC 200-211118/7	4.243678	3.220744	10.0	3083235.0	0.758951	Y
5	ICIS 200-211118/8	9.99806	9.709287	10.0	2333914.0	0.971117	Y
6	IC 200-211118/10	14.99709	11.90947	10.0	2950908.0	0.794119	Y
7	IC 200-211118/12	19.99612	14.686342	10.0	2930601.0	0.73446	Y
8	IC 200-211118/13	39.99224	28.31612	10.0	2883573.0	0.70804	Y



Calibration

/ o-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

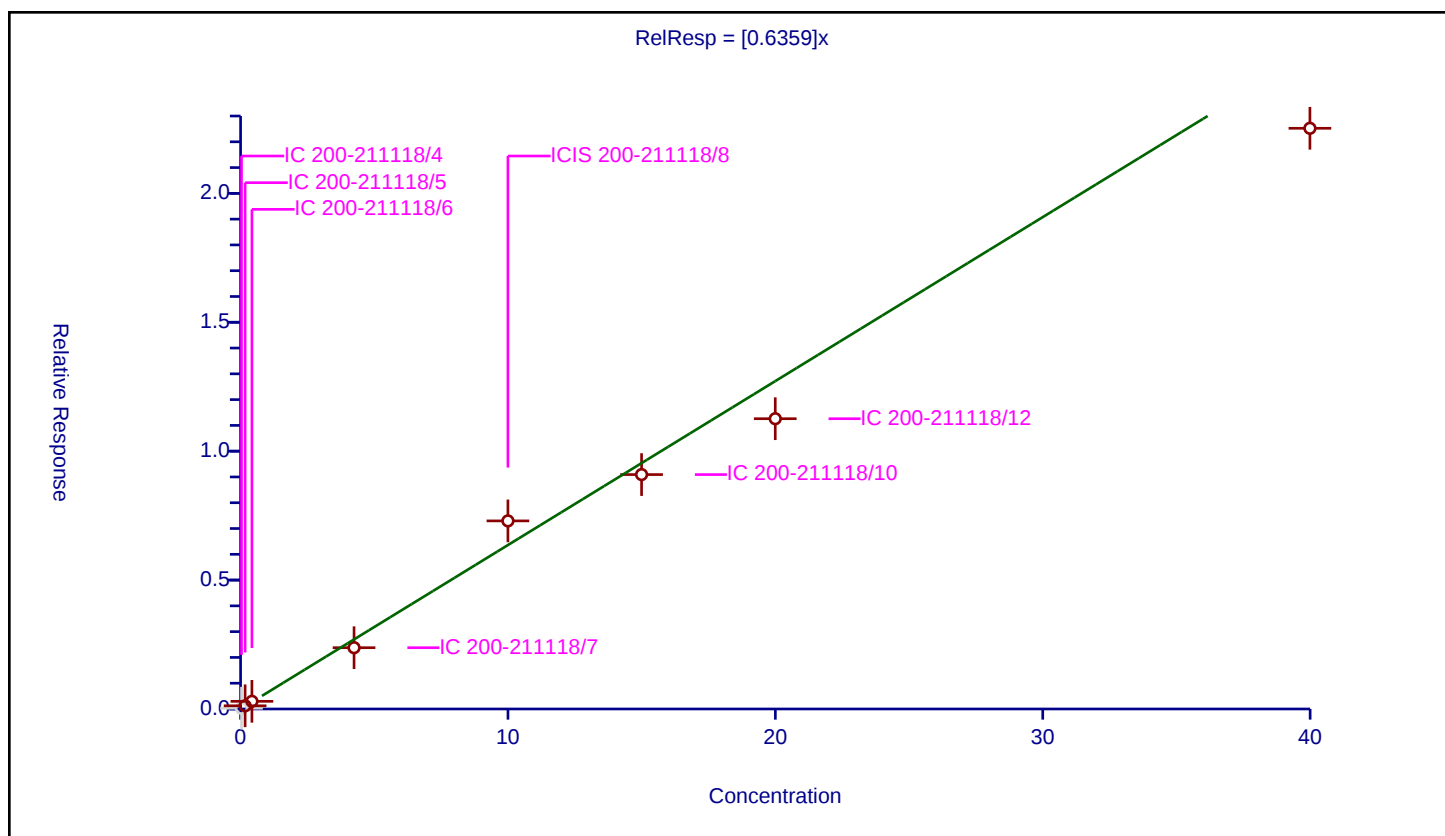
Curve Coefficients

Intercept: 0
 Slope: 0.6359

Error Coefficients

Relative Standard Deviation: 12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.029174	10.0	2747624.0	0.831723	N
2	IC 200-211118/5	0.170374	0.124051	10.0	2697280.0	0.728111	Y
3	IC 200-211118/6	0.424368	0.2975	10.0	2936337.0	0.701043	Y
4	IC 200-211118/7	4.243678	2.377305	10.0	3083235.0	0.560199	Y
5	ICIS 200-211118/8	9.99806	7.295877	10.0	2333914.0	0.729729	Y
6	IC 200-211118/10	14.99709	9.0925	10.0	2950908.0	0.606284	Y
7	IC 200-211118/12	19.99612	11.258834	10.0	2930601.0	0.563051	Y
8	IC 200-211118/13	39.99224	22.524105	10.0	2883573.0	0.563212	Y



Calibration

/ Styrene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

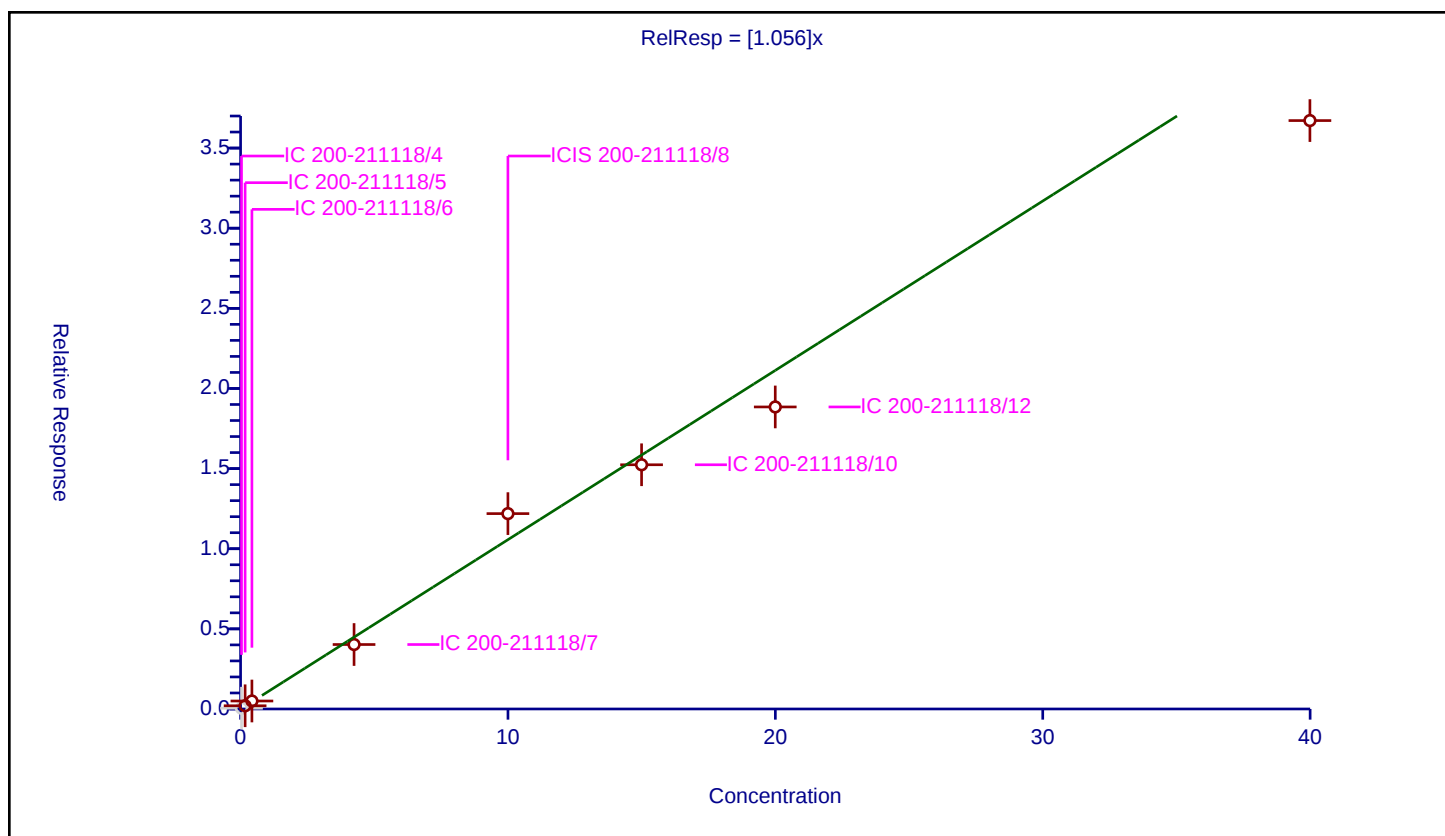
Curve Coefficients

Intercept: 0
 Slope: 1.056

Error Coefficients

Relative Standard Deviation: 12.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.048959	10.0	2747624.0	1.395751	N
2	IC 200-211118/5	0.170374	0.200791	10.0	2697280.0	1.178534	Y
3	IC 200-211118/6	0.424368	0.497872	10.0	2936337.0	1.173209	Y
4	IC 200-211118/7	4.243678	4.02188	10.0	3083235.0	0.947734	Y
5	ICIS 200-211118/8	9.99806	12.190441	10.0	2333914.0	1.219281	Y
6	IC 200-211118/10	14.99709	15.238398	10.0	2950908.0	1.01609	Y
7	IC 200-211118/12	19.99612	18.846247	10.0	2930601.0	0.942495	Y
8	IC 200-211118/13	39.99224	36.716192	10.0	2883573.0	0.918083	Y



Calibration

/ Bromoform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

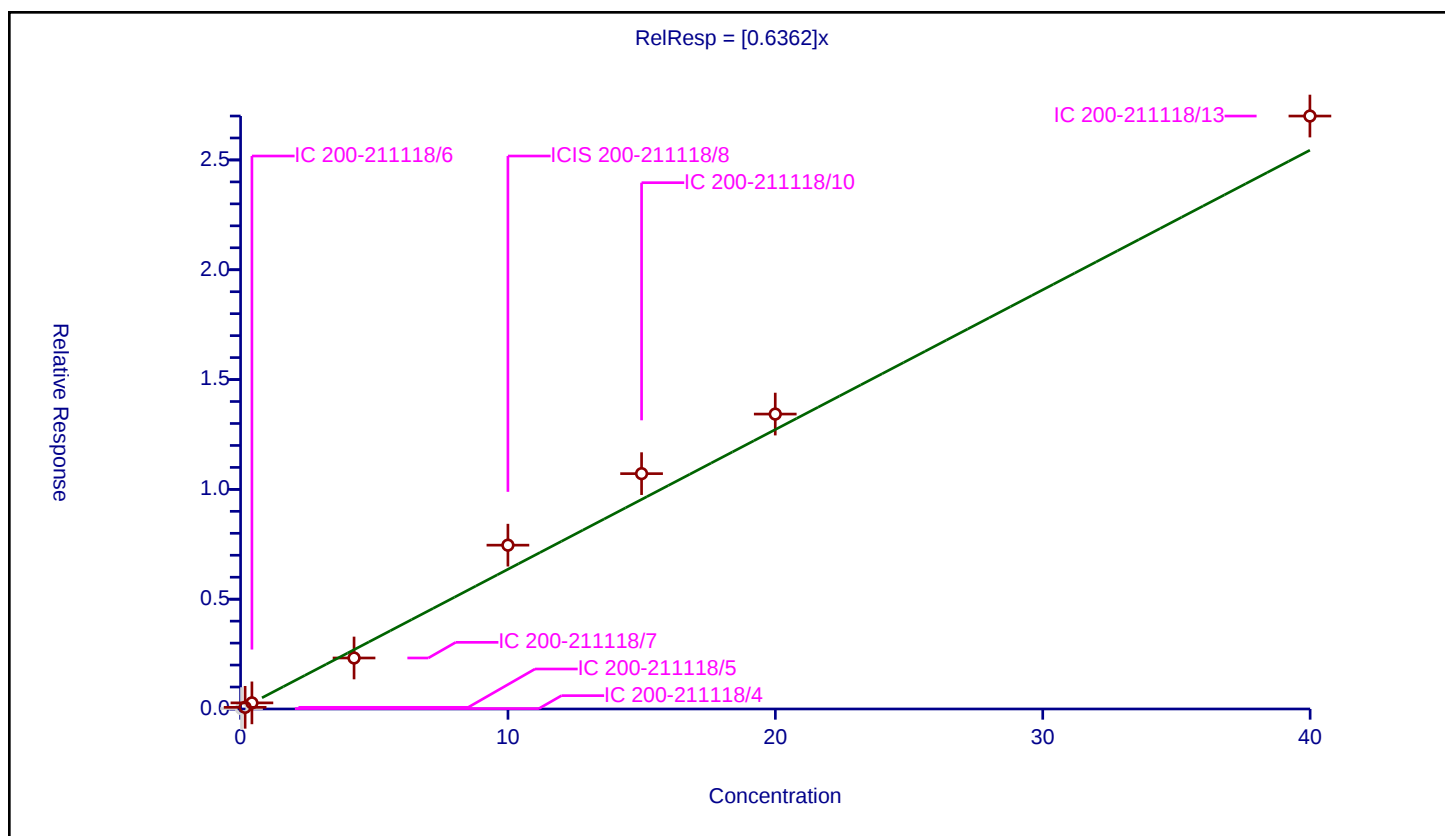
Curve Coefficients

Intercept: 0
Slope: 0.6362

Error Coefficients

Relative Standard Deviation: 16.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.018343	10.0	2747624.0	0.52294	N
2	IC 200-211118/5	0.170374	0.075502	10.0	2697280.0	0.443155	Y
3	IC 200-211118/6	0.424368	0.278371	10.0	2936337.0	0.655965	Y
4	IC 200-211118/7	4.243678	2.321779	10.0	3083235.0	0.547115	Y
5	ICIS 200-211118/8	9.99806	7.459101	10.0	2333914.0	0.746055	Y
6	IC 200-211118/10	14.99709	10.715556	10.0	2950908.0	0.714509	Y
7	IC 200-211118/12	19.99612	13.428839	10.0	2930601.0	0.671572	Y
8	IC 200-211118/13	39.99224	26.999181	10.0	2883573.0	0.675111	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

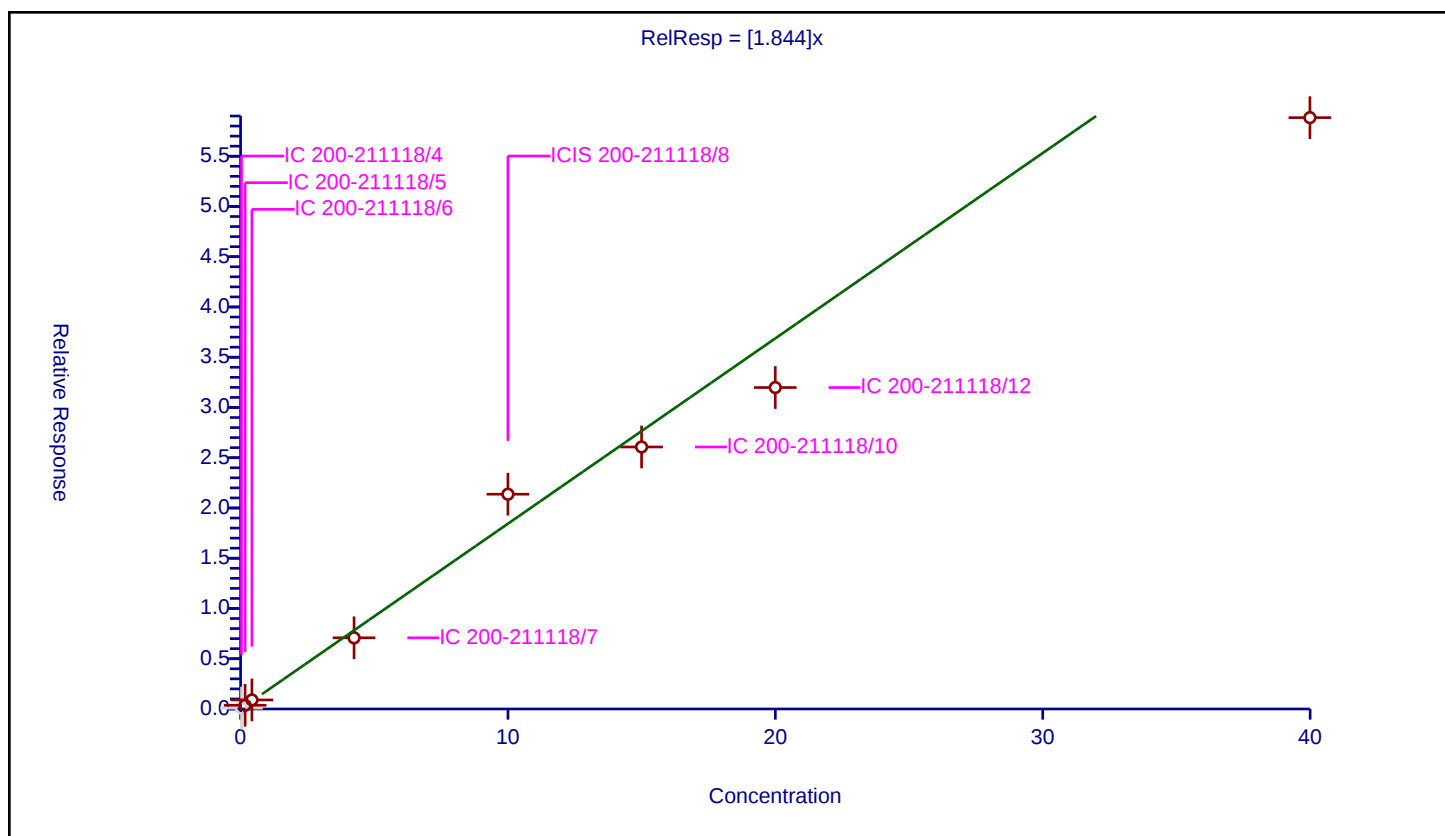
Curve Coefficients

Intercept: 0
 Slope: 1.844

Error Coefficients

Relative Standard Deviation: 15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.086267	10.0	2747624.0	2.459372	N
2	IC 200-211118/5	0.170374	0.369439	10.0	2697280.0	2.168403	Y
3	IC 200-211118/6	0.424368	0.900874	10.0	2936337.0	2.122861	Y
4	IC 200-211118/7	4.243678	7.083356	10.0	3083235.0	1.669155	Y
5	ICIS 200-211118/8	9.99806	21.370278	10.0	2333914.0	2.137442	Y
6	IC 200-211118/10	14.99709	26.070301	10.0	2950908.0	1.738357	Y
7	IC 200-211118/12	19.99612	31.985415	10.0	2930601.0	1.599581	Y
8	IC 200-211118/13	39.99224	58.838129	10.0	2883573.0	1.471239	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

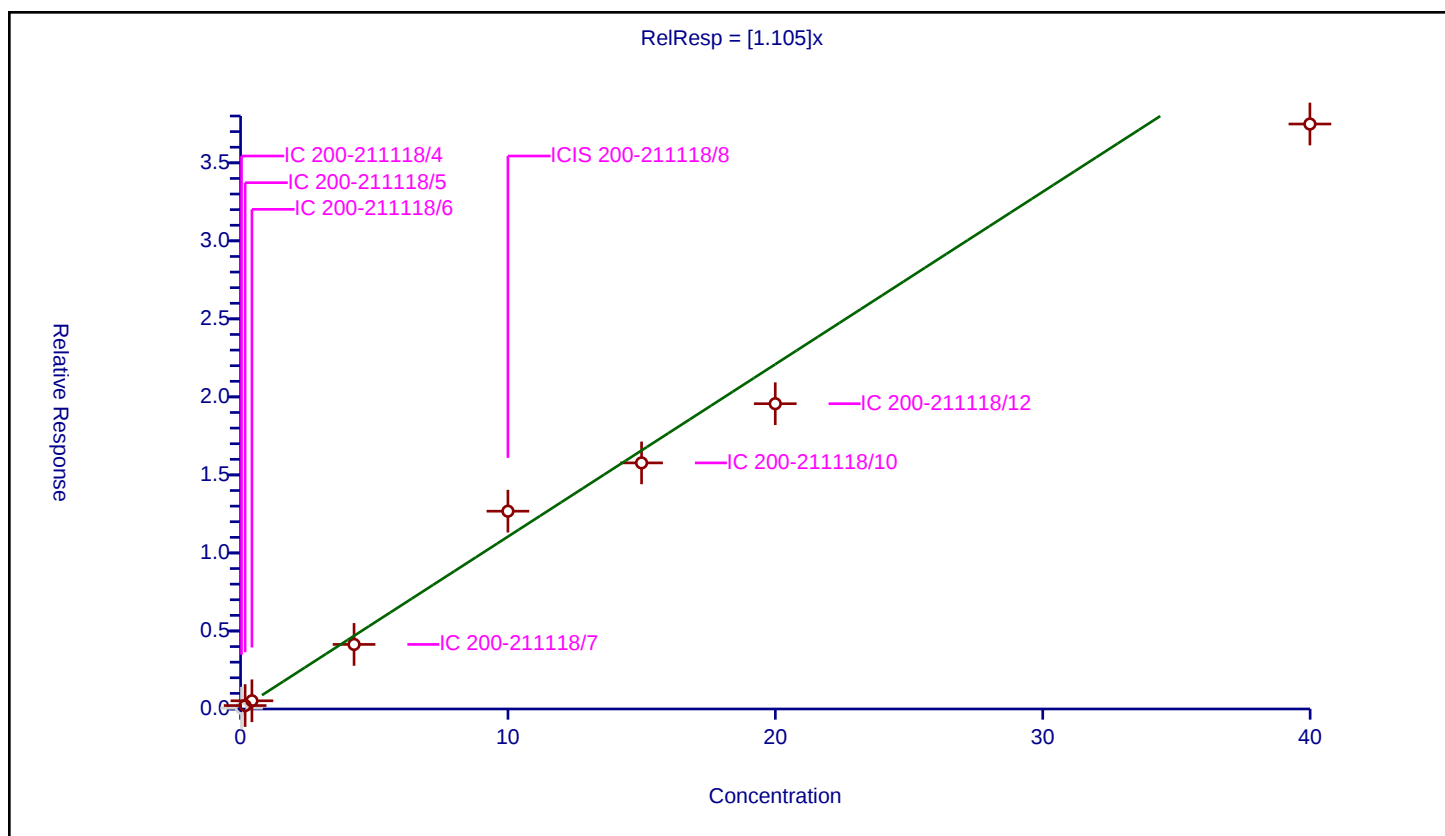
Curve Coefficients

Intercept: 0
Slope: 1.105

Error Coefficients

Relative Standard Deviation: 13.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.052904	10.0	2747624.0	1.508224	N
2	IC 200-211118/5	0.170374	0.219028	10.0	2697280.0	1.285574	Y
3	IC 200-211118/6	0.424368	0.52511	10.0	2936337.0	1.237394	Y
4	IC 200-211118/7	4.243678	4.13745	10.0	3083235.0	0.974968	Y
5	ICIS 200-211118/8	9.99806	12.675621	10.0	2333914.0	1.267808	Y
6	IC 200-211118/10	14.99709	15.771	10.0	2950908.0	1.051604	Y
7	IC 200-211118/12	19.99612	19.563683	10.0	2930601.0	0.978374	Y
8	IC 200-211118/13	39.99224	37.487627	10.0	2883573.0	0.937373	Y



Calibration

/ 1,2,3-Trichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

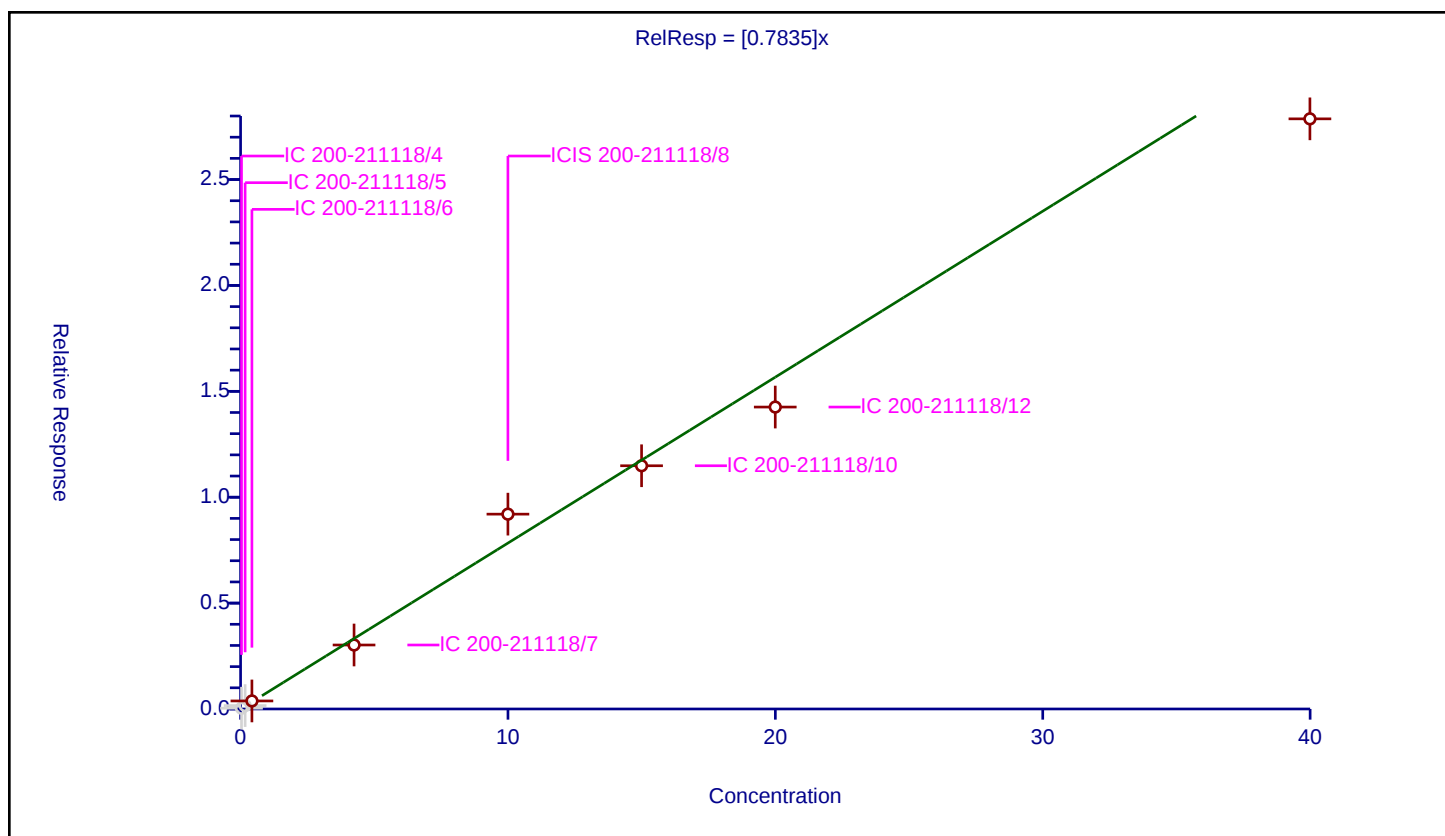
Curve Coefficients

Intercept: 0
Slope: 0.7835

Error Coefficients

Relative Standard Deviation: 12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.037552	10.0	2747624.0	1.070574	N
2	IC 200-211118/5	0.170374	0.161018	10.0	2697280.0	0.945086	N
3	IC 200-211118/6	0.424368	0.37903	10.0	2936337.0	0.893164	Y
4	IC 200-211118/7	4.243678	3.021388	10.0	3083235.0	0.711974	Y
5	ICIS 200-211118/8	9.99806	9.200575	10.0	2333914.0	0.920236	Y
6	IC 200-211118/10	14.99709	11.486231	10.0	2950908.0	0.765897	Y
7	IC 200-211118/12	19.99612	14.2567	10.0	2930601.0	0.712973	Y
8	IC 200-211118/13	39.99224	27.866137	10.0	2883573.0	0.696789	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

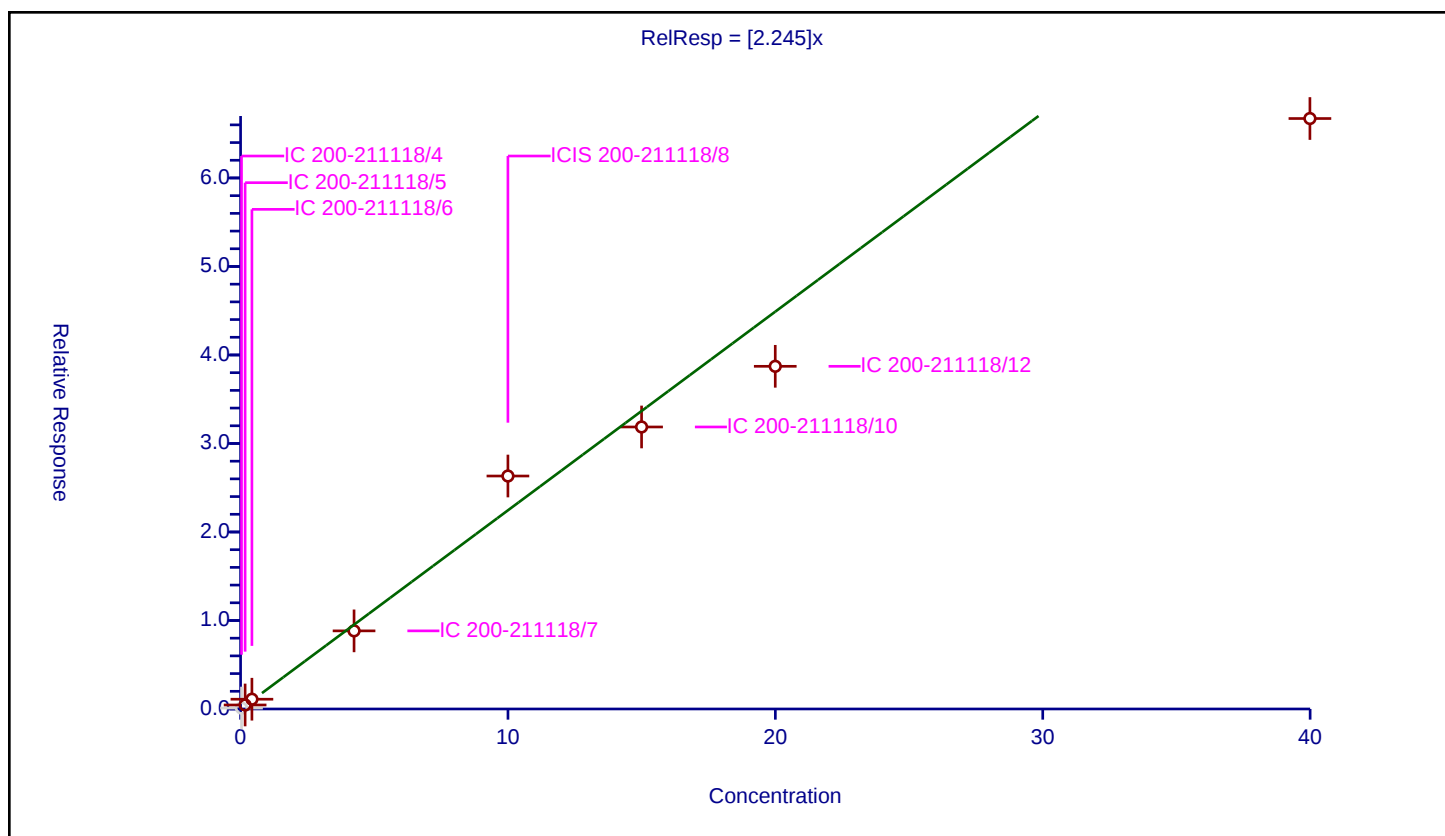
Curve Coefficients

Intercept: 0
Slope: 2.245

Error Coefficients

Relative Standard Deviation: 17.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.104032	10.0	2747624.0	2.965814	N
2	IC 200-211118/5	0.170374	0.454918	10.0	2697280.0	2.670116	Y
3	IC 200-211118/6	0.424368	1.10502	10.0	2936337.0	2.603919	Y
4	IC 200-211118/7	4.243678	8.825704	10.0	3083235.0	2.07973	Y
5	ICIS 200-211118/8	9.99806	26.322182	10.0	2333914.0	2.632729	Y
6	IC 200-211118/10	14.99709	31.863714	10.0	2950908.0	2.12466	Y
7	IC 200-211118/12	19.99612	38.719986	10.0	2930601.0	1.936375	Y
8	IC 200-211118/13	39.99224	66.717139	10.0	2883573.0	1.668252	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

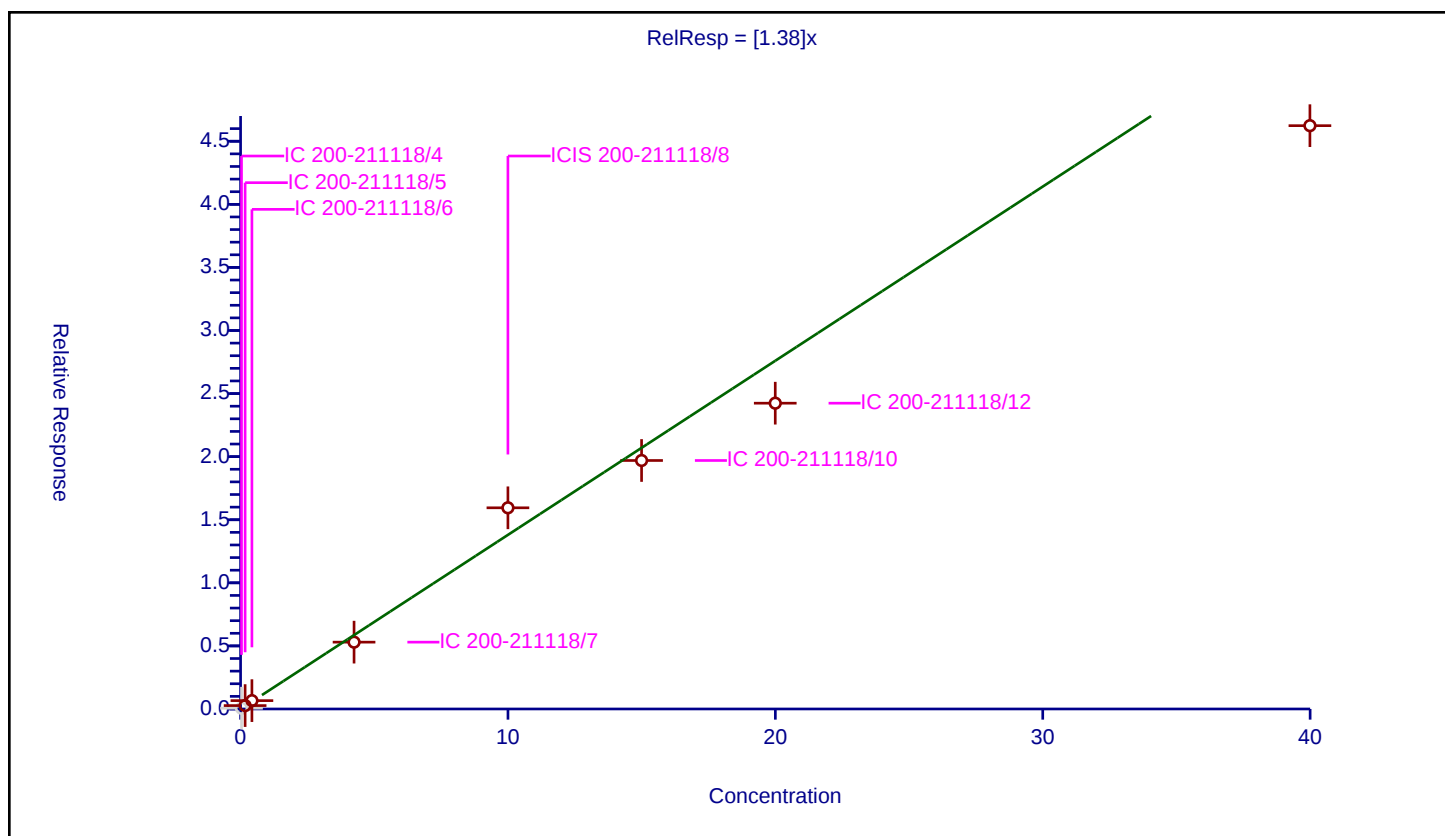
Curve Coefficients

Intercept: 0
 Slope: 1.38

Error Coefficients

Relative Standard Deviation: 13.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.063327	10.0	2747624.0	1.805387	N
2	IC 200-211118/5	0.170374	0.268656	10.0	2697280.0	1.576862	Y
3	IC 200-211118/6	0.424368	0.661903	10.0	2936337.0	1.559739	Y
4	IC 200-211118/7	4.243678	5.296842	10.0	3083235.0	1.248172	Y
5	ICIS 200-211118/8	9.99806	15.946924	10.0	2333914.0	1.595002	Y
6	IC 200-211118/10	14.99709	19.69586	10.0	2950908.0	1.313312	Y
7	IC 200-211118/12	19.99612	24.237179	10.0	2930601.0	1.212094	Y
8	IC 200-211118/13	39.99224	46.235146	10.0	2883573.0	1.156103	Y



Calibration

/ 4-Ethyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

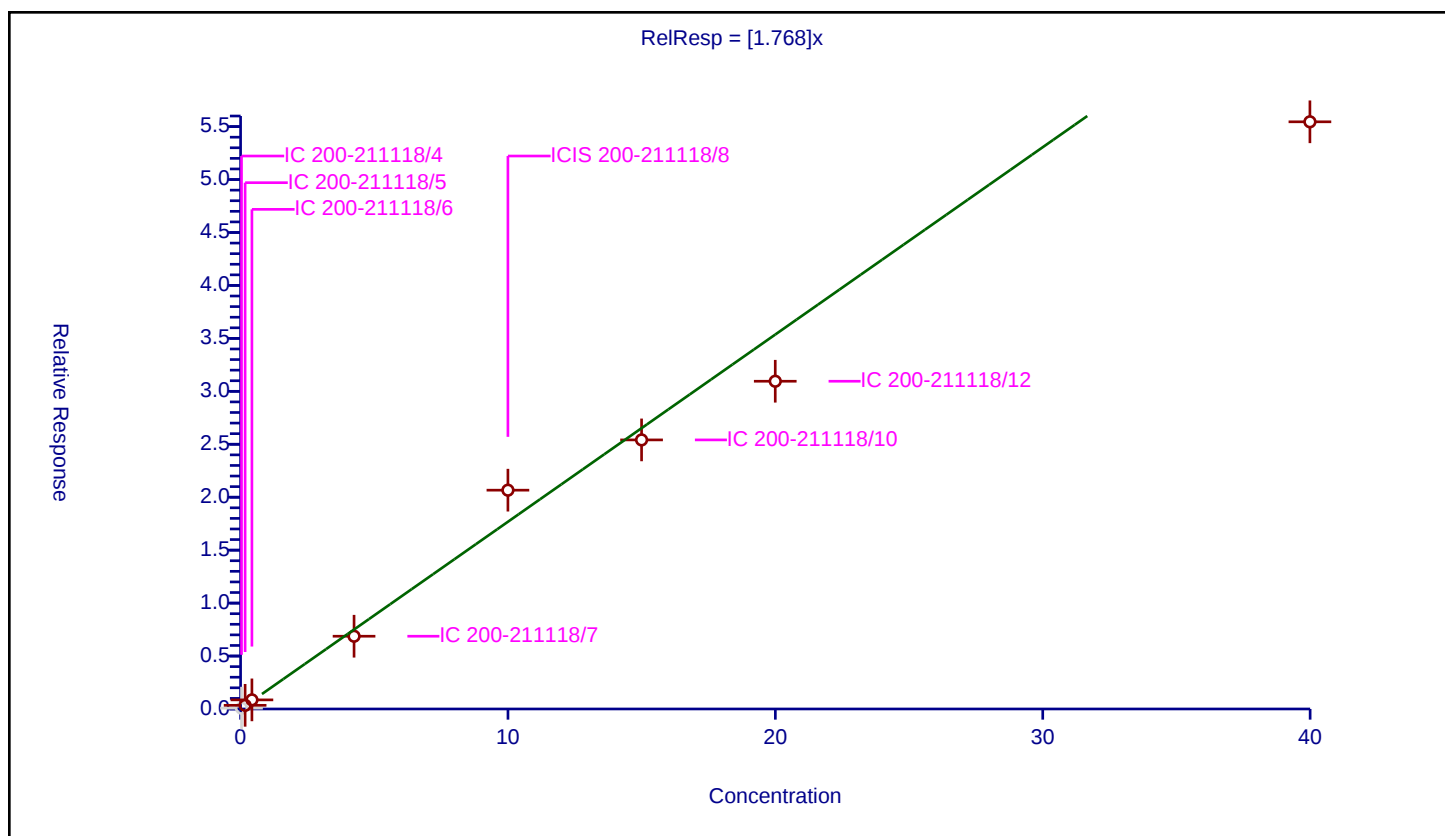
Curve Coefficients

Intercept: 0
Slope: 1.768

Error Coefficients

Relative Standard Deviation: 15.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.078457	10.0	2747624.0	2.236708	N
2	IC 200-211118/5	0.170374	0.346857	10.0	2697280.0	2.035859	Y
3	IC 200-211118/6	0.424368	0.860712	10.0	2936337.0	2.028221	Y
4	IC 200-211118/7	4.243678	6.871358	10.0	3083235.0	1.619198	Y
5	ICIS 200-211118/8	9.99806	20.664446	10.0	2333914.0	2.066846	Y
6	IC 200-211118/10	14.99709	25.411734	10.0	2950908.0	1.694444	Y
7	IC 200-211118/12	19.99612	30.951593	10.0	2930601.0	1.54788	Y
8	IC 200-211118/13	39.99224	55.452666	10.0	2883573.0	1.386586	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

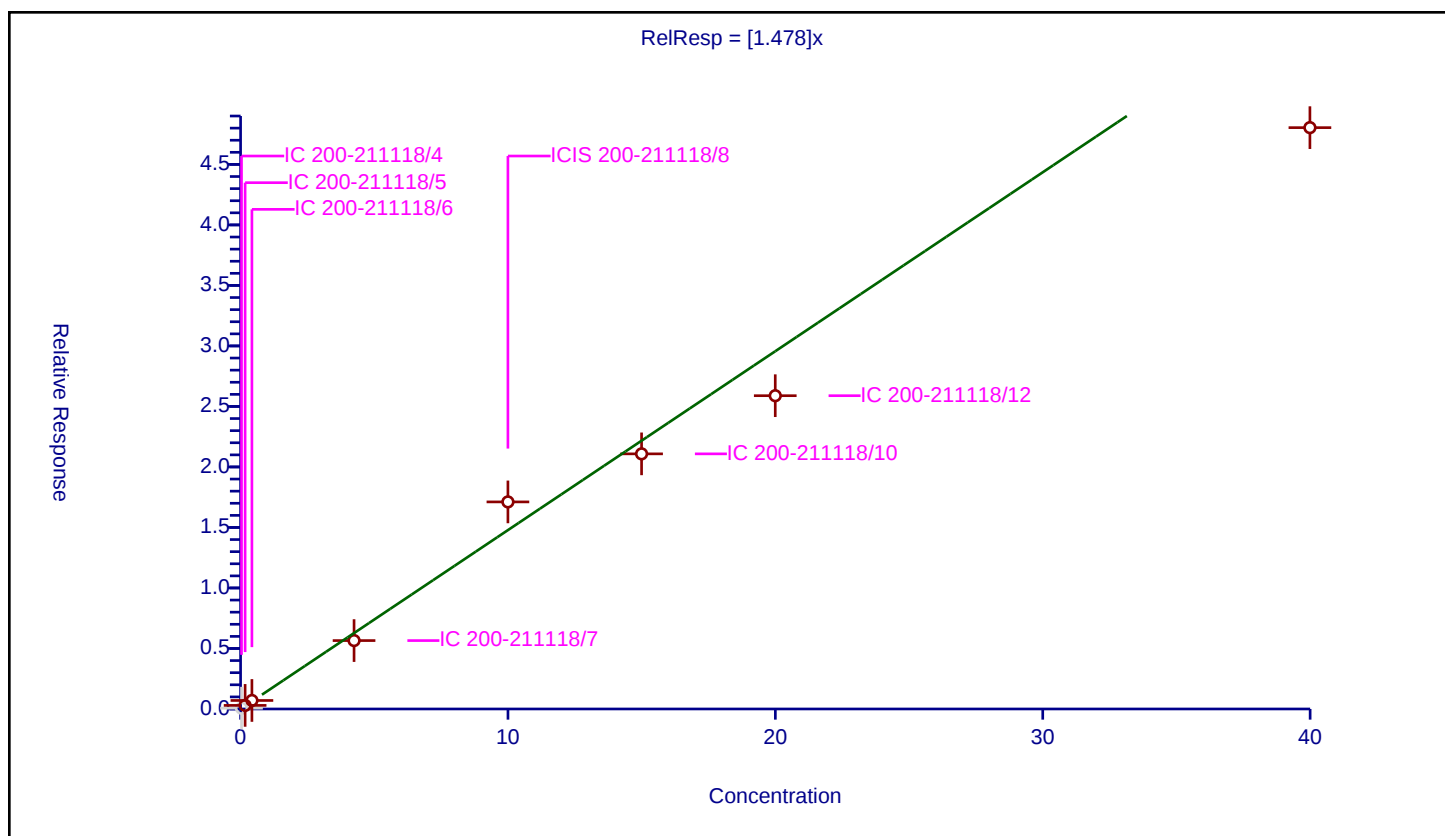
Curve Coefficients

Intercept: 0
 Slope: 1.478

Error Coefficients

Relative Standard Deviation: 15.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.067728	10.0	2747624.0	1.93083	N
2	IC 200-211118/5	0.170374	0.296725	10.0	2697280.0	1.741612	Y
3	IC 200-211118/6	0.424368	0.704912	10.0	2936337.0	1.661088	Y
4	IC 200-211118/7	4.243678	5.653406	10.0	3083235.0	1.332195	Y
5	ICIS 200-211118/8	9.99806	17.112863	10.0	2333914.0	1.711618	Y
6	IC 200-211118/10	14.99709	21.083155	10.0	2950908.0	1.405816	Y
7	IC 200-211118/12	19.99612	25.88769	10.0	2930601.0	1.294636	Y
8	IC 200-211118/13	39.99224	48.039904	10.0	2883573.0	1.201231	Y



Calibration

/ n-Decane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

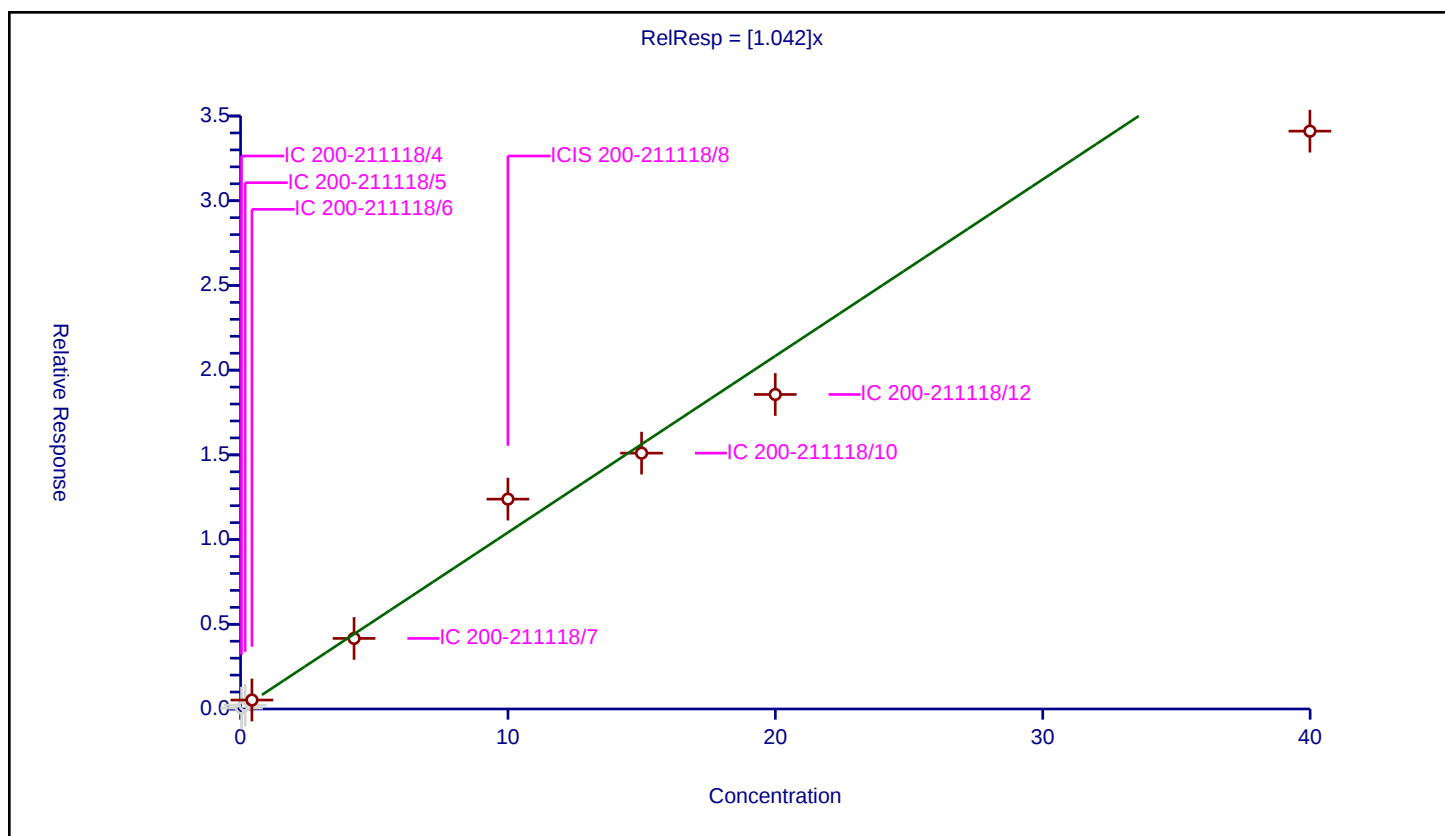
Curve Coefficients

Intercept: 0
Slope: 1.042

Error Coefficients

Relative Standard Deviation: 15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.052409	10.0	2747624.0	1.494113	N
2	IC 200-211118/5	0.170374	0.224348	10.0	2697280.0	1.316801	N
3	IC 200-211118/6	0.424368	0.527456	10.0	2936337.0	1.242923	Y
4	IC 200-211118/7	4.243678	4.16508	10.0	3083235.0	0.981479	Y
5	ICIS 200-211118/8	9.99806	12.386707	10.0	2333914.0	1.238911	Y
6	IC 200-211118/10	14.99709	15.102077	10.0	2950908.0	1.007001	Y
7	IC 200-211118/12	19.99612	18.564042	10.0	2930601.0	0.928382	Y
8	IC 200-211118/13	39.99224	34.107012	10.0	2883573.0	0.852841	Y



Calibration

/ Alpha Methyl Styrene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

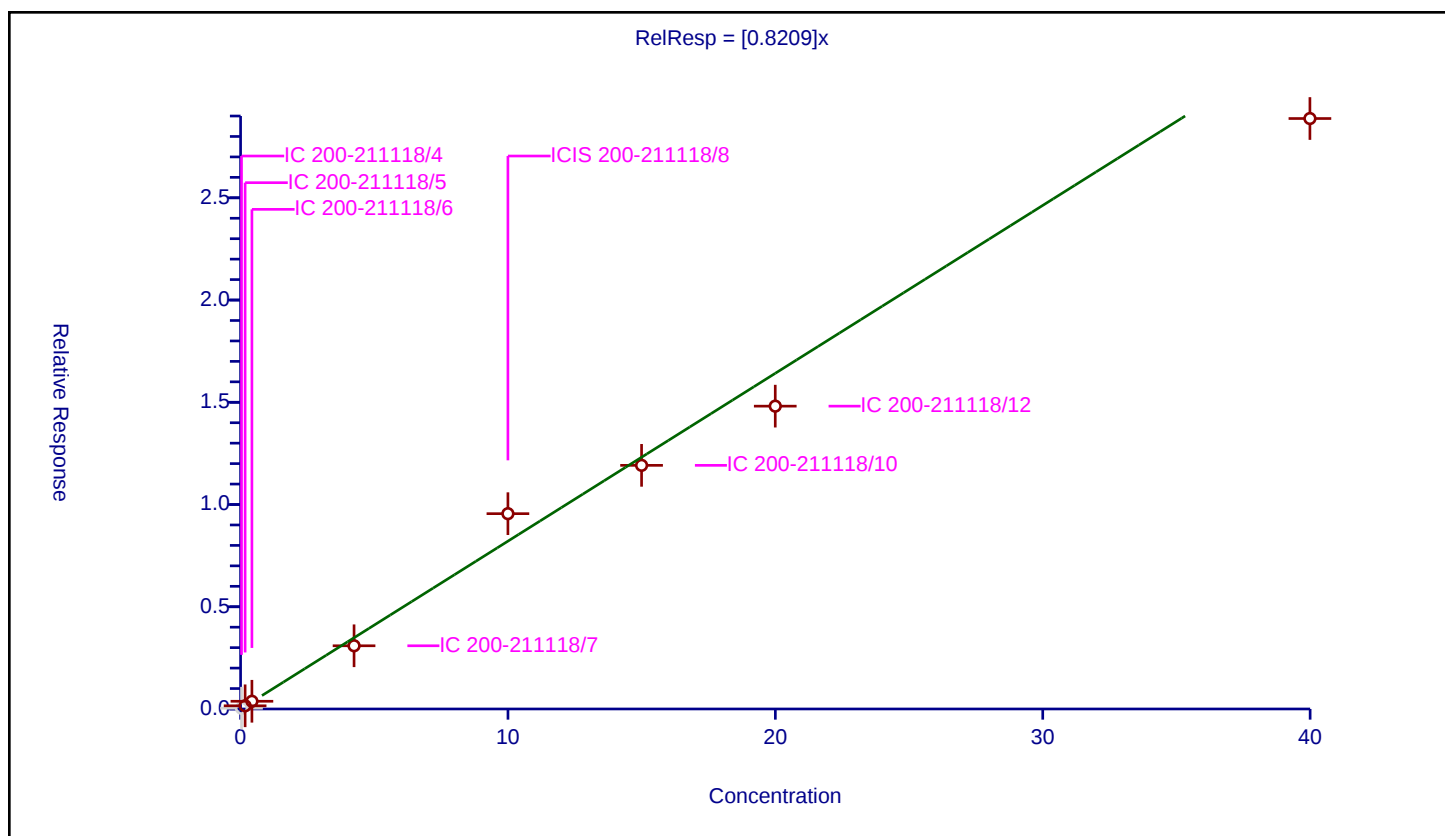
Curve Coefficients

Intercept: 0
 Slope: 0.8209

Error Coefficients

Relative Standard Deviation: 11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.037887	10.0	2747624.0	1.080119	N
2	IC 200-211118/5	0.170374	0.156261	10.0	2697280.0	0.917167	Y
3	IC 200-211118/6	0.424368	0.37699	10.0	2936337.0	0.888357	Y
4	IC 200-211118/7	4.243678	3.091033	10.0	3083235.0	0.728385	Y
5	ICIS 200-211118/8	9.99806	9.55195	10.0	2333914.0	0.95538	Y
6	IC 200-211118/10	14.99709	11.914926	10.0	2950908.0	0.794483	Y
7	IC 200-211118/12	19.99612	14.811269	10.0	2930601.0	0.740707	Y
8	IC 200-211118/13	39.99224	28.876855	10.0	2883573.0	0.722061	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

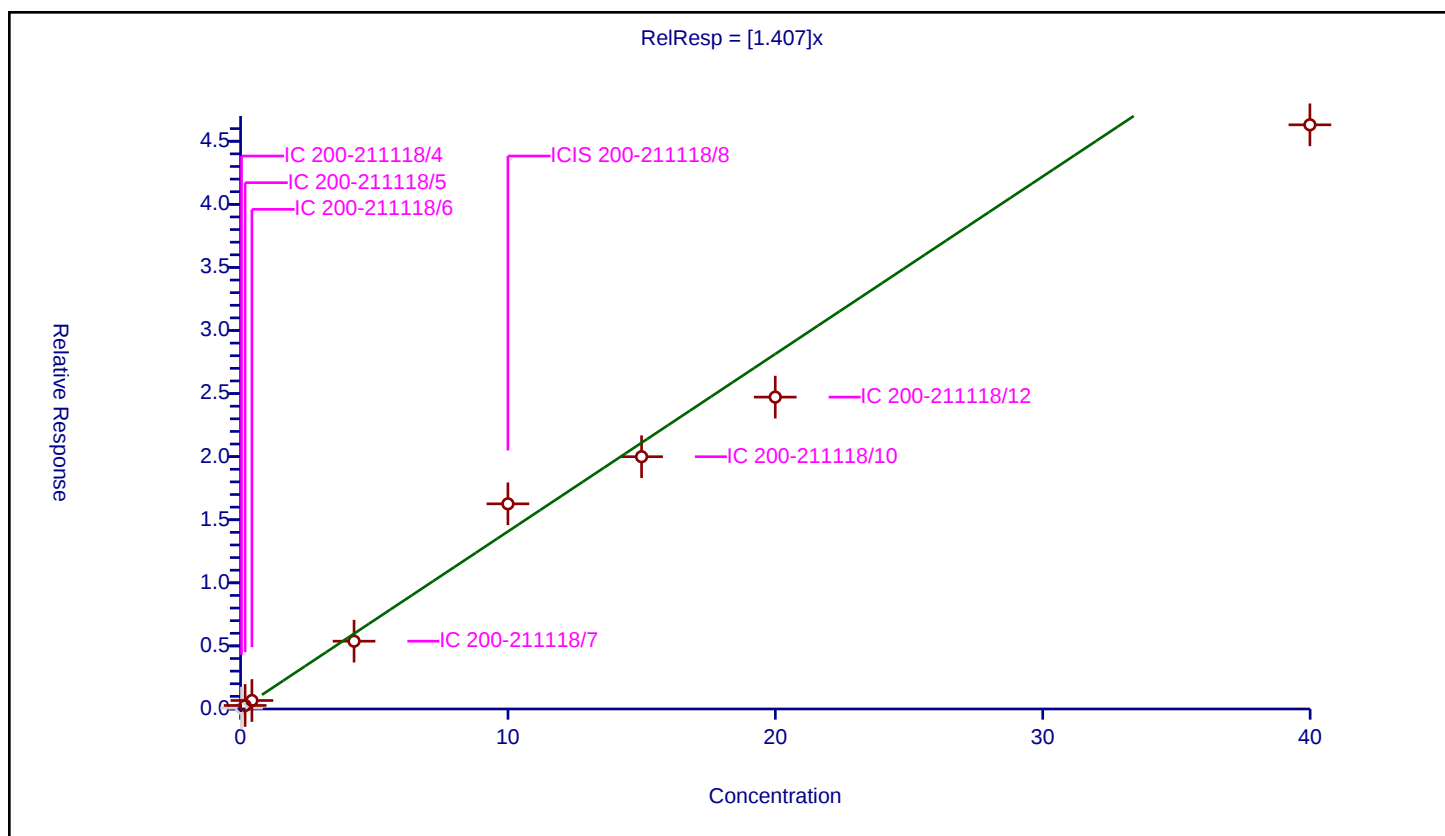
Curve Coefficients

Intercept: 0
Slope: 1.407

Error Coefficients

Relative Standard Deviation: 14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.068587	10.0	2747624.0	1.955317	N
2	IC 200-211118/5	0.170374	0.279878	10.0	2697280.0	1.642731	Y
3	IC 200-211118/6	0.424368	0.673138	10.0	2936337.0	1.586213	Y
4	IC 200-211118/7	4.243678	5.374096	10.0	3083235.0	1.266377	Y
5	ICIS 200-211118/8	9.99806	16.262167	10.0	2333914.0	1.626532	Y
6	IC 200-211118/10	14.99709	19.995486	10.0	2950908.0	1.333291	Y
7	IC 200-211118/12	19.99612	24.720609	10.0	2930601.0	1.23627	Y
8	IC 200-211118/13	39.99224	46.301564	10.0	2883573.0	1.157764	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

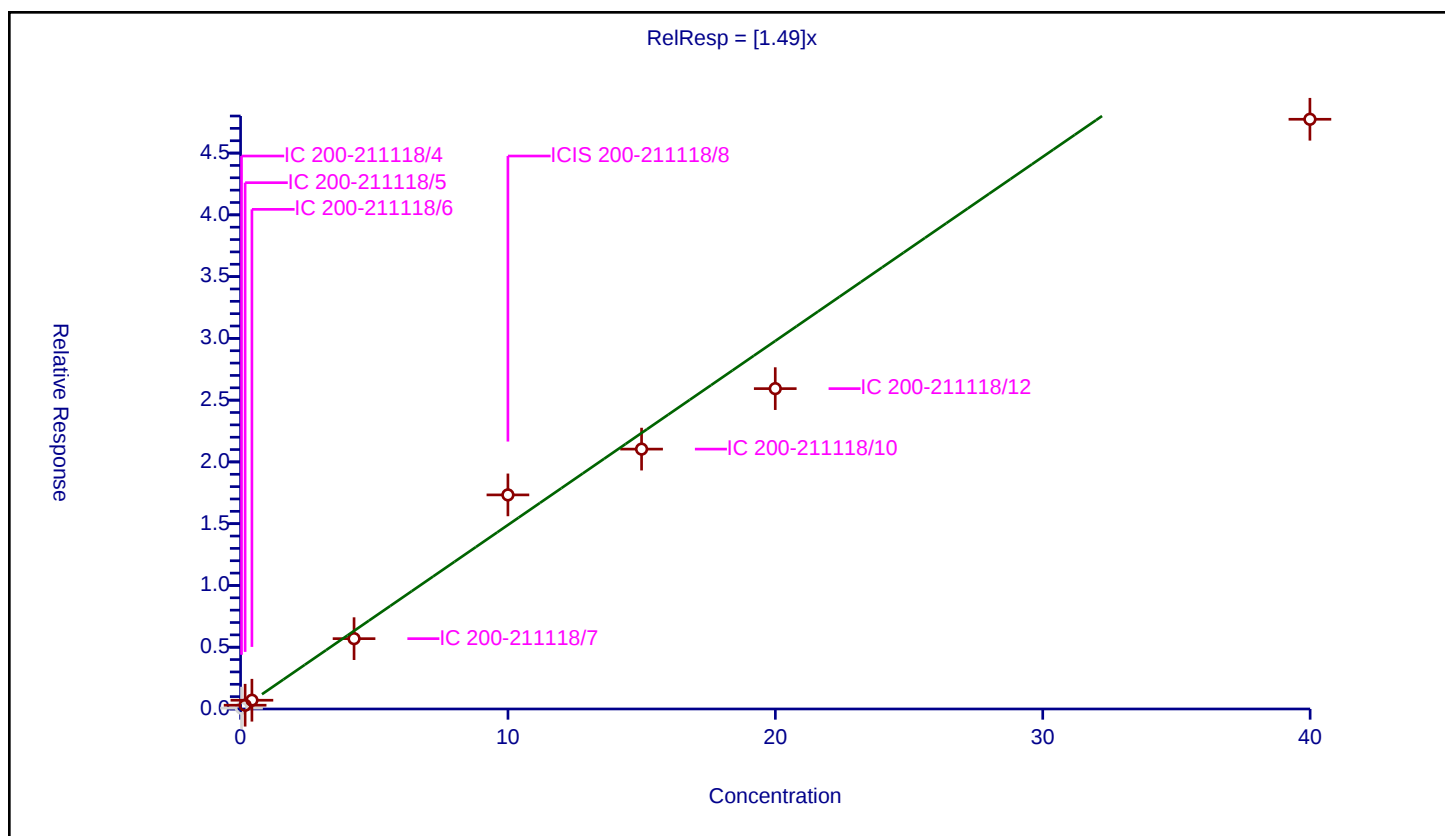
Curve Coefficients

Intercept: 0
 Slope: 1.49

Error Coefficients

Relative Standard Deviation: 15.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.069864	10.0	2747624.0	1.991736	N
2	IC 200-211118/5	0.170374	0.304859	10.0	2697280.0	1.789354	Y
3	IC 200-211118/6	0.424368	0.709455	10.0	2936337.0	1.671793	Y
4	IC 200-211118/7	4.243678	5.692287	10.0	3083235.0	1.341357	Y
5	ICIS 200-211118/8	9.99806	17.329452	10.0	2333914.0	1.733281	Y
6	IC 200-211118/10	14.99709	21.035779	10.0	2950908.0	1.402657	Y
7	IC 200-211118/12	19.99612	25.932015	10.0	2930601.0	1.296852	Y
8	IC 200-211118/13	39.99224	47.736038	10.0	2883573.0	1.193633	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

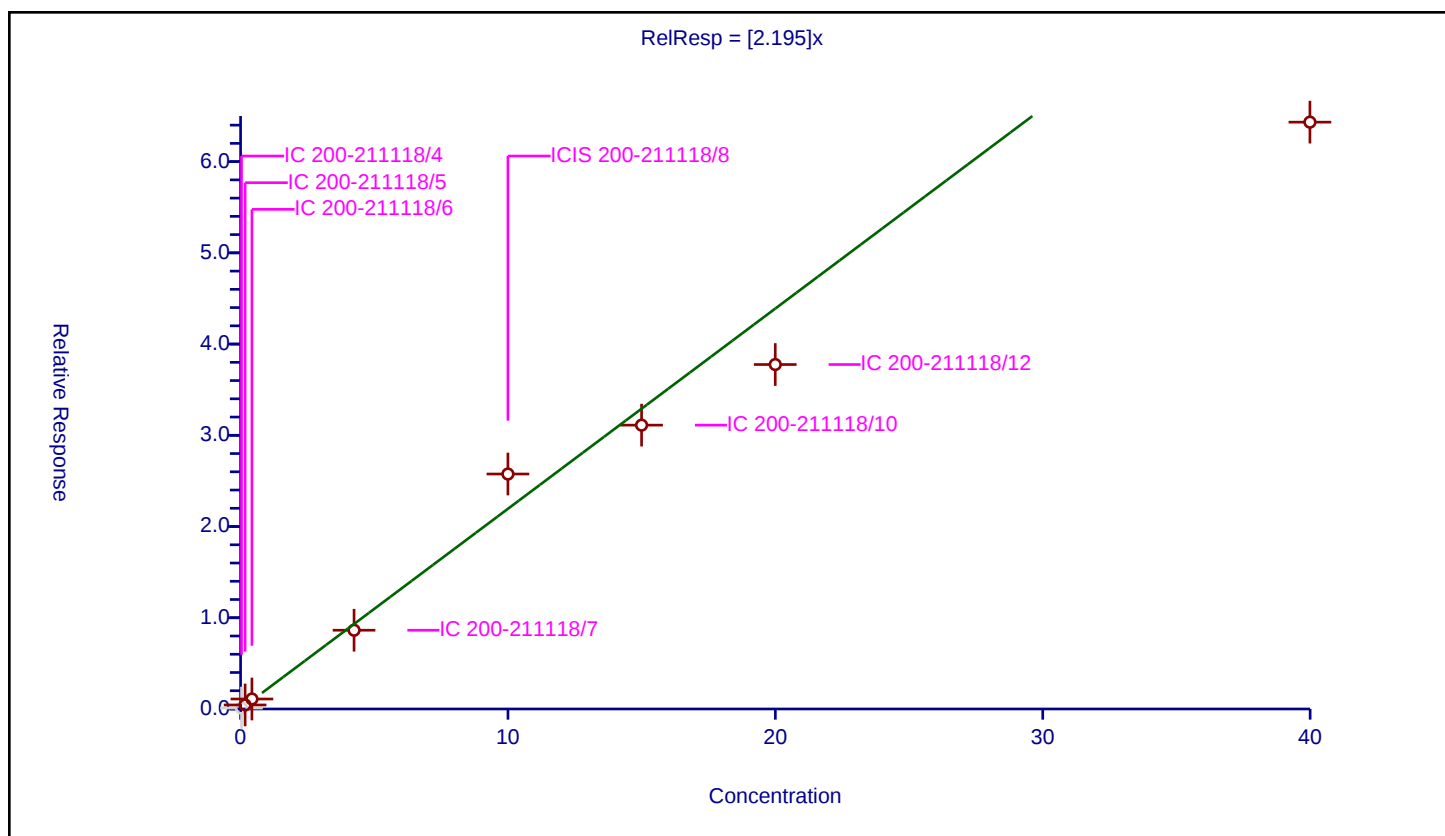
Curve Coefficients

Intercept: 0
 Slope: 2.195

Error Coefficients

Relative Standard Deviation: 18.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.104436	10.0	2747624.0	2.977332	N
2	IC 200-211118/5	0.170374	0.443614	10.0	2697280.0	2.603768	Y
3	IC 200-211118/6	0.424368	1.093968	10.0	2936337.0	2.577878	Y
4	IC 200-211118/7	4.243678	8.633958	10.0	3083235.0	2.034546	Y
5	ICIS 200-211118/8	9.99806	25.756082	10.0	2333914.0	2.576108	Y
6	IC 200-211118/10	14.99709	31.11487	10.0	2950908.0	2.074727	Y
7	IC 200-211118/12	19.99612	37.758514	10.0	2930601.0	1.888292	Y
8	IC 200-211118/13	39.99224	64.327732	10.0	2883573.0	1.608505	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

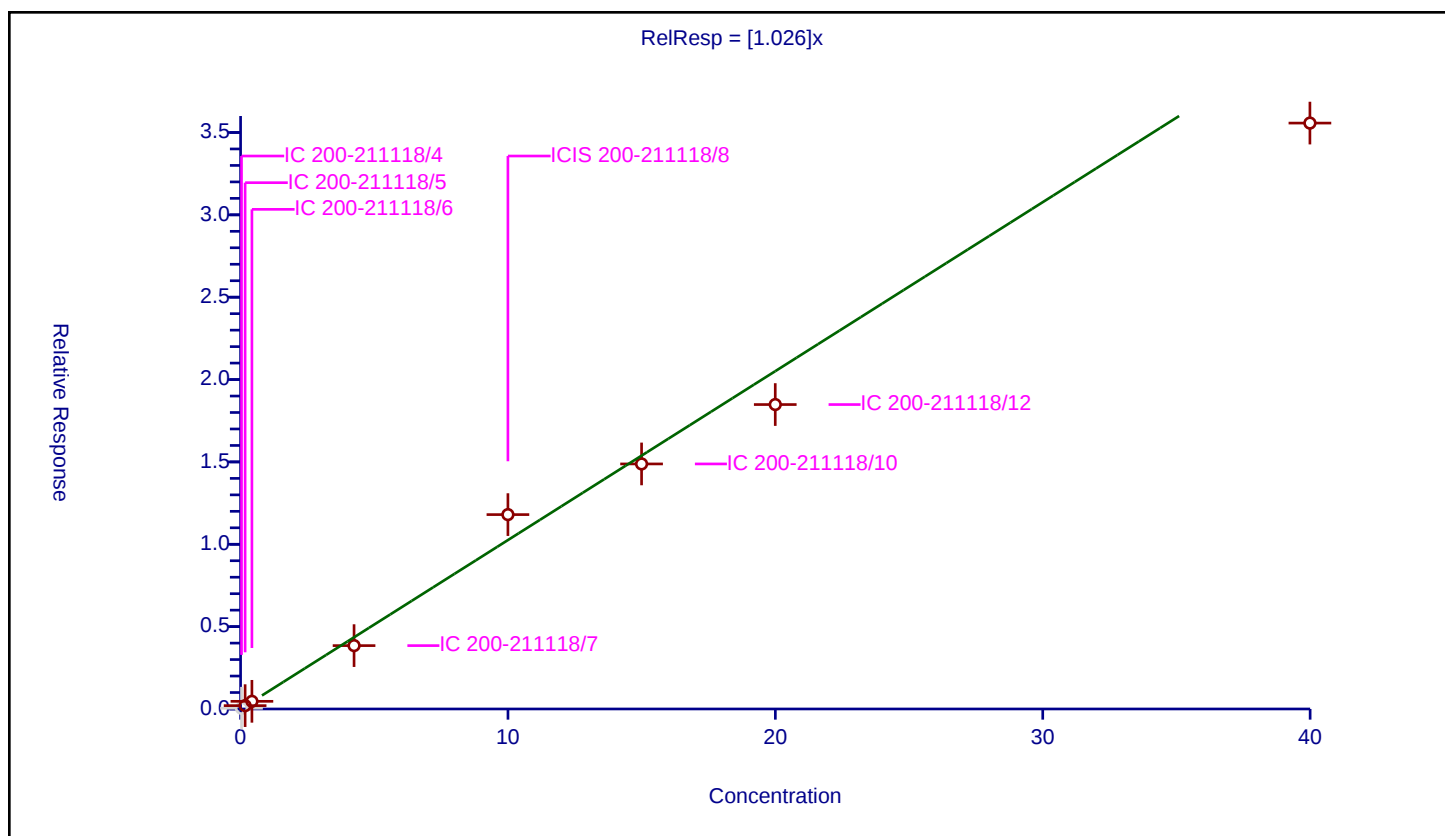
Curve Coefficients

Intercept: 0
 Slope: 1.026

Error Coefficients

Relative Standard Deviation: 12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.04572	10.0	2747624.0	1.303406	N
2	IC 200-211118/5	0.170374	0.202756	10.0	2697280.0	1.190067	Y
3	IC 200-211118/6	0.424368	0.465308	10.0	2936337.0	1.096472	Y
4	IC 200-211118/7	4.243678	3.847884	10.0	3083235.0	0.906733	Y
5	ICIS 200-211118/8	9.99806	11.800902	10.0	2333914.0	1.180319	Y
6	IC 200-211118/10	14.99709	14.877787	10.0	2950908.0	0.992045	Y
7	IC 200-211118/12	19.99612	18.482919	10.0	2930601.0	0.924325	Y
8	IC 200-211118/13	39.99224	35.571466	10.0	2883573.0	0.889459	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

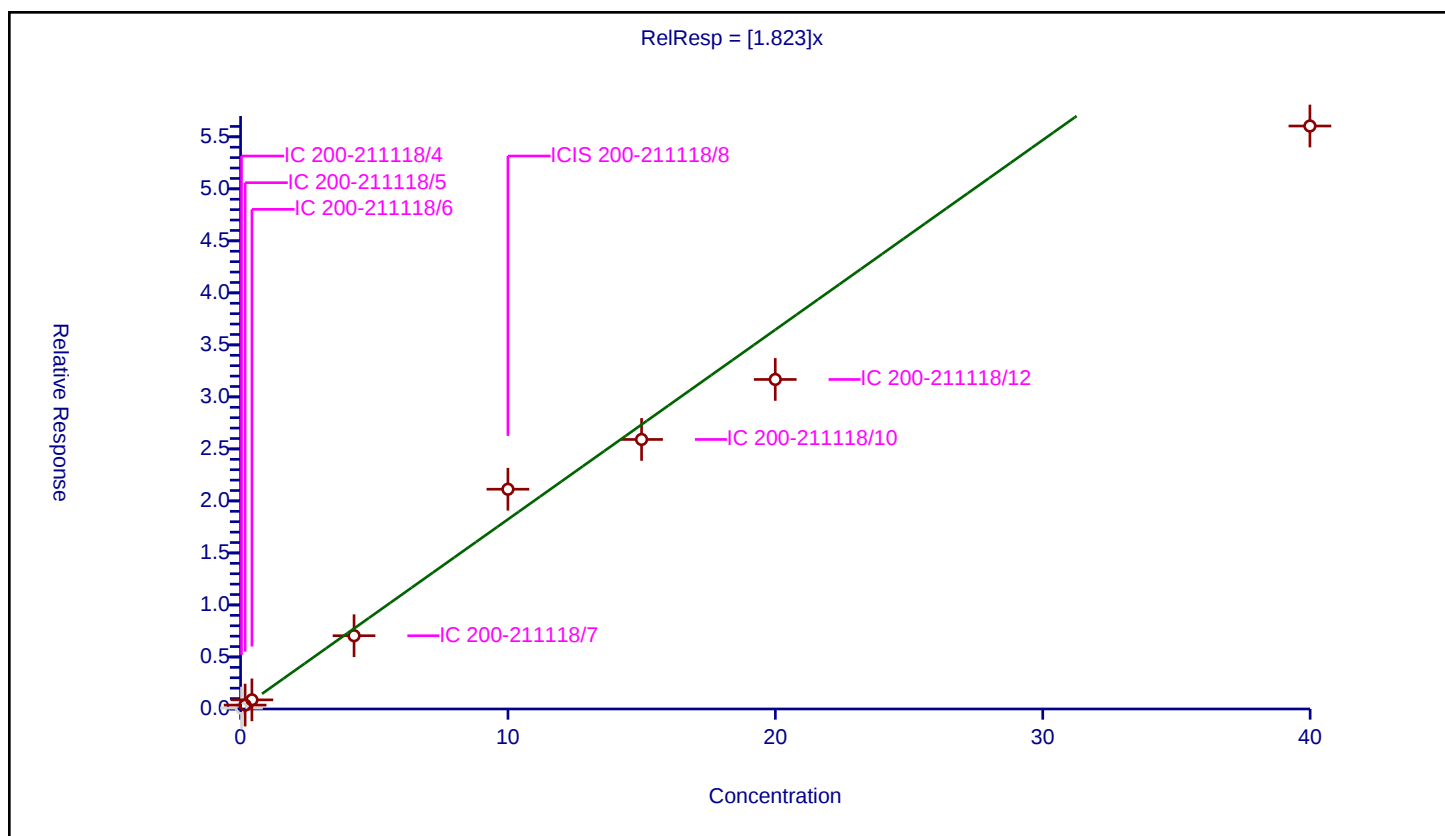
Curve Coefficients

Intercept: 0
Slope: 1.823

Error Coefficients

Relative Standard Deviation: 16.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.086184	10.0	2747624.0	2.456986	N
2	IC 200-211118/5	0.170374	0.376053	10.0	2697280.0	2.207224	Y
3	IC 200-211118/6	0.424368	0.877699	10.0	2936337.0	2.06825	Y
4	IC 200-211118/7	4.243678	7.042418	10.0	3083235.0	1.659508	Y
5	ICIS 200-211118/8	9.99806	21.124574	10.0	2333914.0	2.112867	Y
6	IC 200-211118/10	14.99709	25.908012	10.0	2950908.0	1.727536	Y
7	IC 200-211118/12	19.99612	31.676407	10.0	2930601.0	1.584128	Y
8	IC 200-211118/13	39.99224	56.037763	10.0	2883573.0	1.401216	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

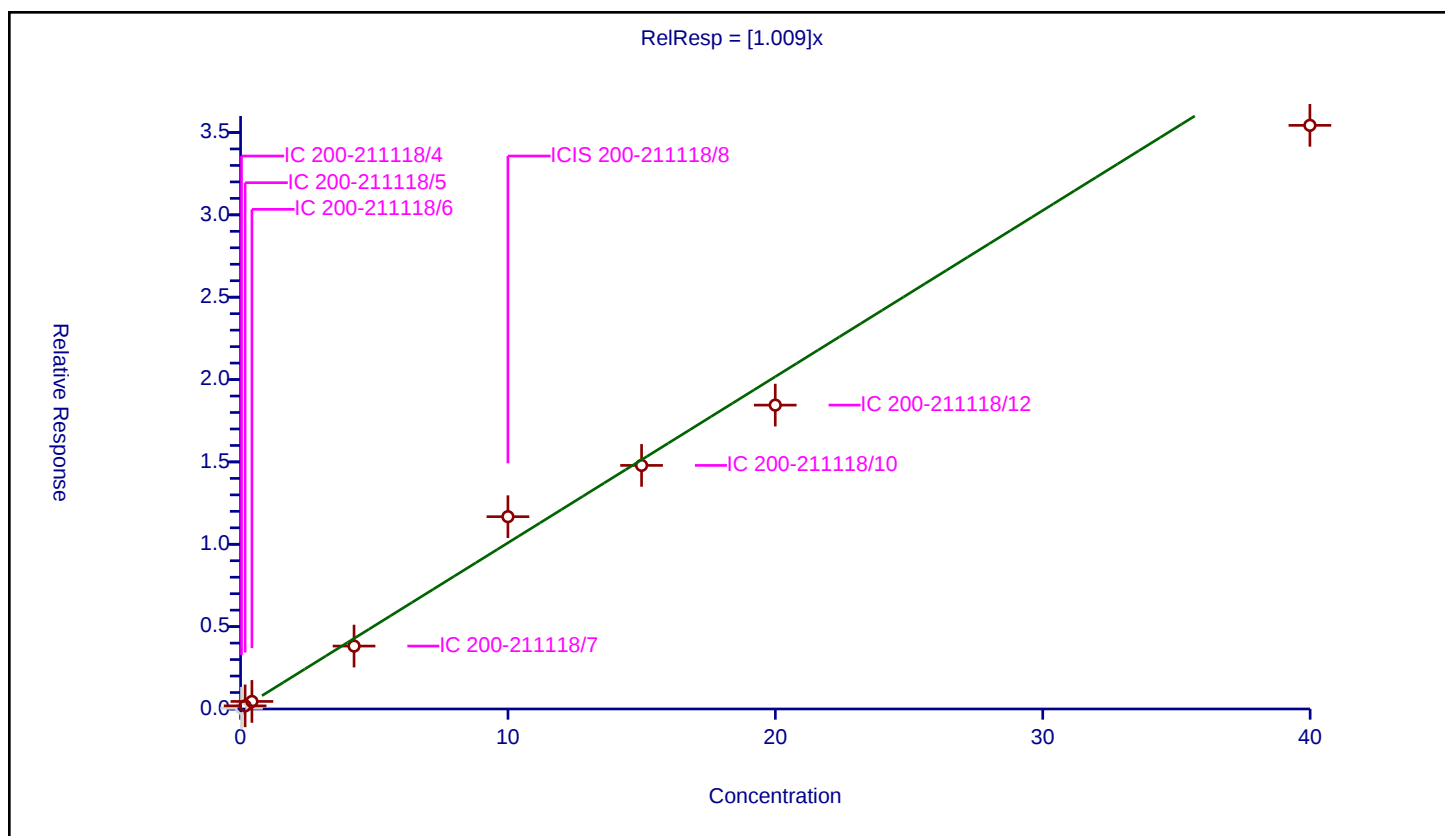
Curve Coefficients

Intercept: 0
Slope: 1.009

Error Coefficients

Relative Standard Deviation: 11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.044347	10.0	2747624.0	1.264289	N
2	IC 200-211118/5	0.170374	0.190603	10.0	2697280.0	1.118736	Y
3	IC 200-211118/6	0.424368	0.458469	10.0	2936337.0	1.080358	Y
4	IC 200-211118/7	4.243678	3.820646	10.0	3083235.0	0.900315	Y
5	ICIS 200-211118/8	9.99806	11.675627	10.0	2333914.0	1.167789	Y
6	IC 200-211118/10	14.99709	14.788004	10.0	2950908.0	0.986058	Y
7	IC 200-211118/12	19.99612	18.448468	10.0	2930601.0	0.922602	Y
8	IC 200-211118/13	39.99224	35.43294	10.0	2883573.0	0.885995	Y



Calibration

/ Benzyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

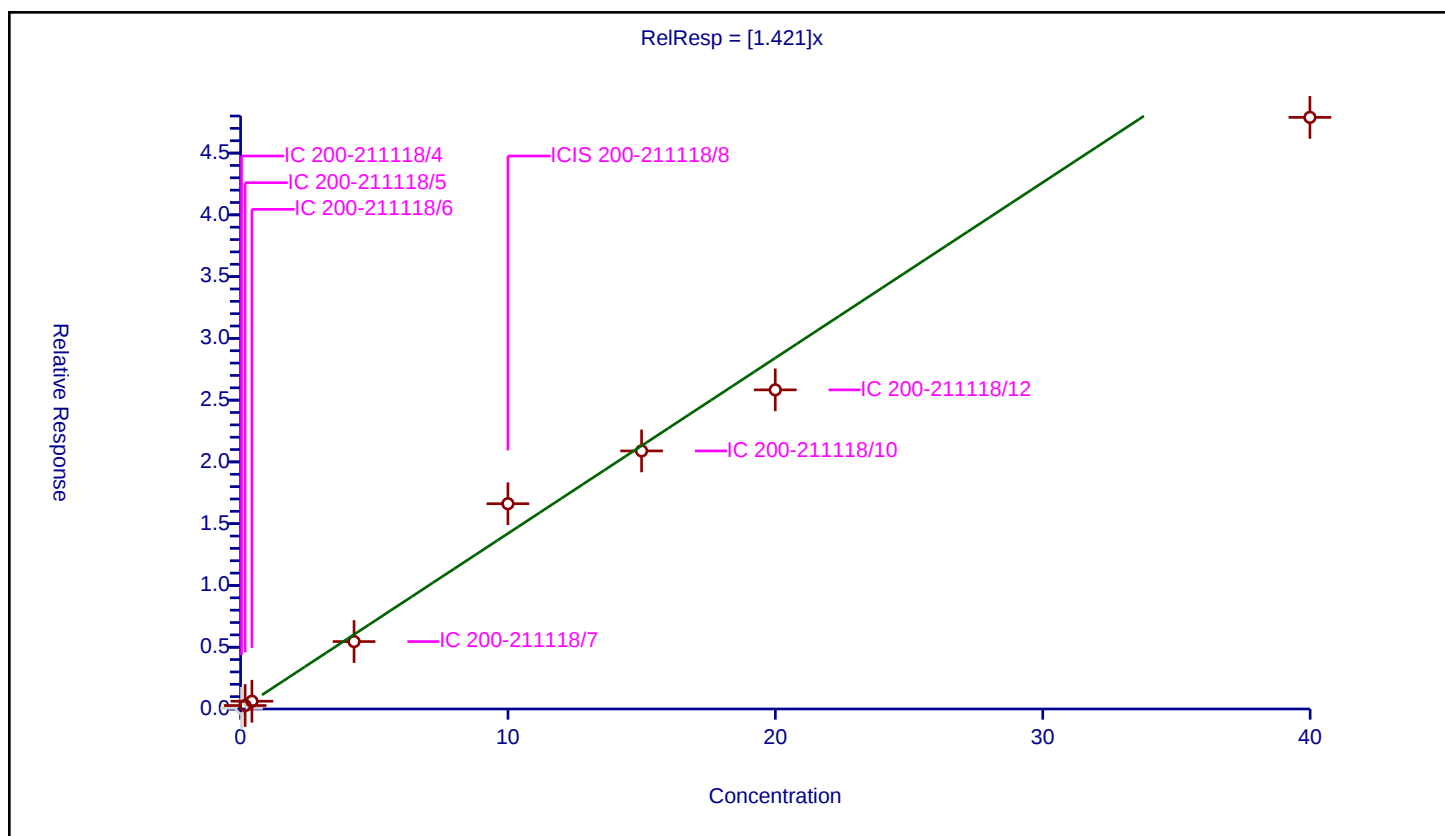
Curve Coefficients

Intercept: 0
Slope: 1.421

Error Coefficients

Relative Standard Deviation: 12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.055535	10.0	2747624.0	1.583241	N
2	IC 200-211118/5	0.170374	0.27917	10.0	2697280.0	1.638575	Y
3	IC 200-211118/6	0.424368	0.626536	10.0	2936337.0	1.476398	Y
4	IC 200-211118/7	4.243678	5.457871	10.0	3083235.0	1.286118	Y
5	ICIS 200-211118/8	9.99806	16.616353	10.0	2333914.0	1.661958	Y
6	IC 200-211118/10	14.99709	20.890184	10.0	2950908.0	1.392949	Y
7	IC 200-211118/12	19.99612	25.832705	10.0	2930601.0	1.291886	Y
8	IC 200-211118/13	39.99224	47.889927	10.0	2883573.0	1.19748	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

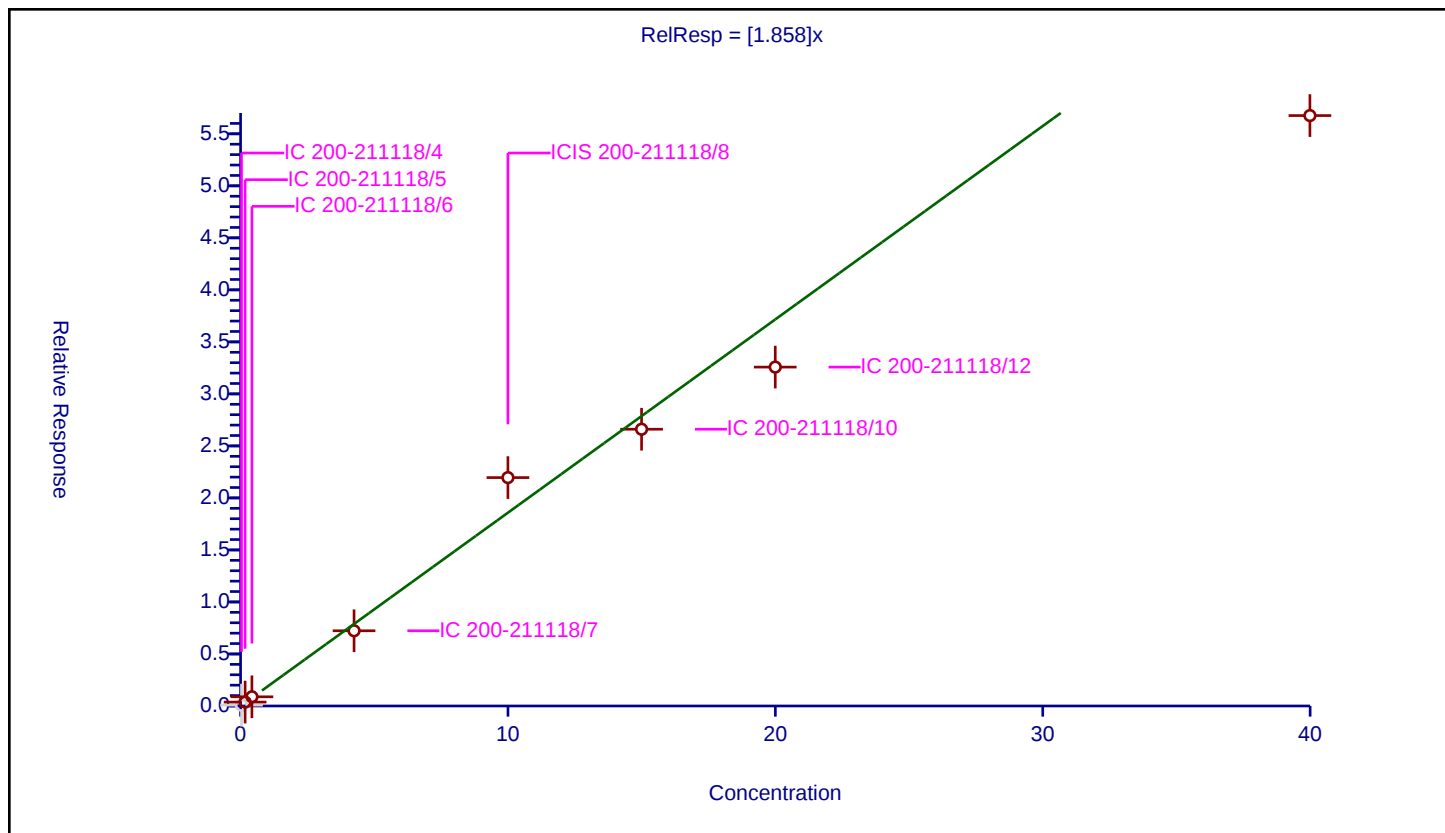
Curve Coefficients

Intercept: 0
Slope: 1.858

Error Coefficients

Relative Standard Deviation: 16.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.080979	10.0	2747624.0	2.308612	N
2	IC 200-211118/5	0.170374	0.375393	10.0	2697280.0	2.20335	Y
3	IC 200-211118/6	0.424368	0.883768	10.0	2936337.0	2.082551	Y
4	IC 200-211118/7	4.243678	7.230801	10.0	3083235.0	1.703899	Y
5	ICIS 200-211118/8	9.99806	21.953375	10.0	2333914.0	2.195764	Y
6	IC 200-211118/10	14.99709	26.603605	10.0	2950908.0	1.773918	Y
7	IC 200-211118/12	19.99612	32.575144	10.0	2930601.0	1.629073	Y
8	IC 200-211118/13	39.99224	56.753881	10.0	2883573.0	1.419122	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

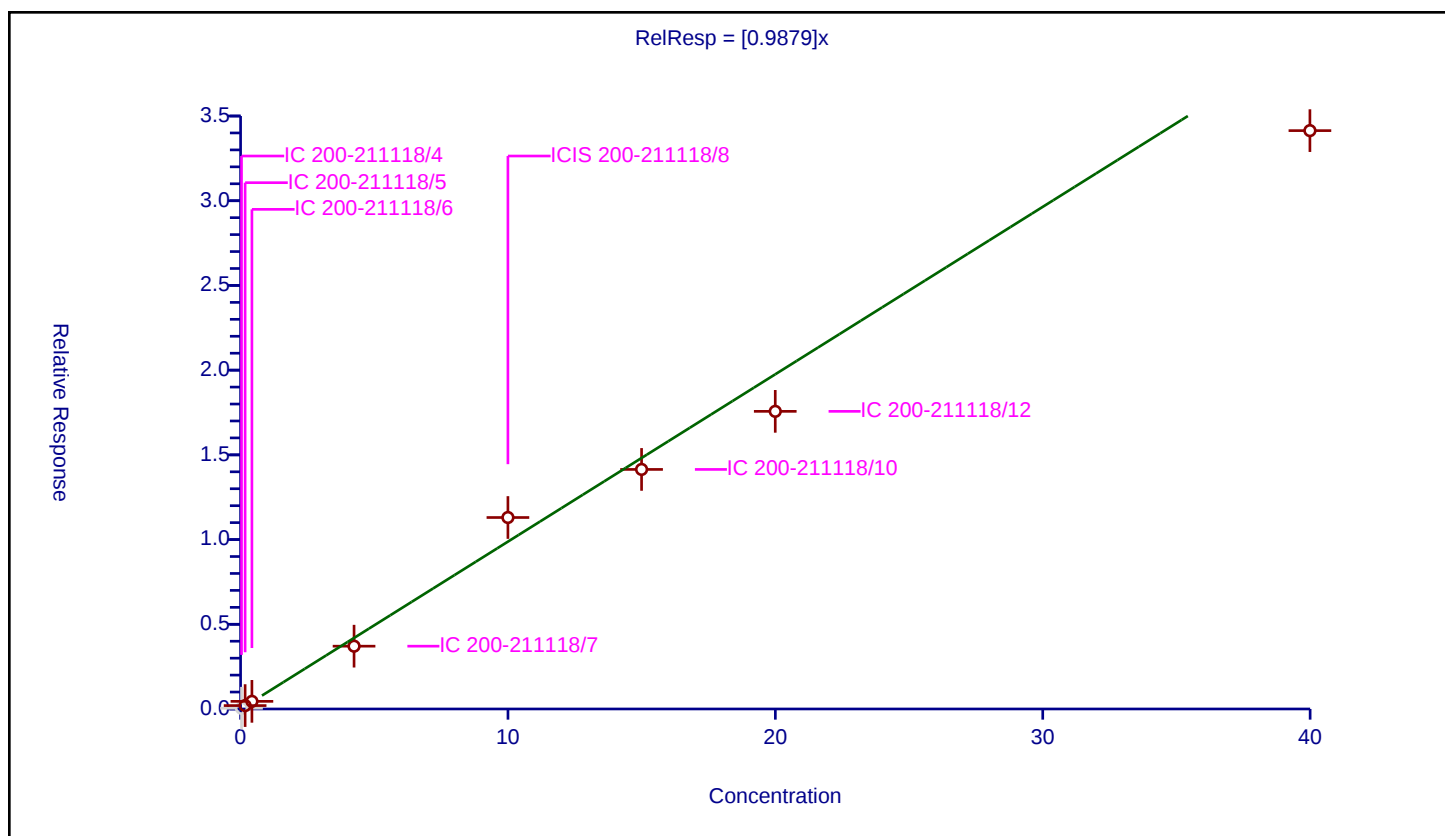
Curve Coefficients

Intercept: 0
 Slope: 0.9879

Error Coefficients

Relative Standard Deviation: 13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.045472	10.0	2747624.0	1.296351	N
2	IC 200-211118/5	0.170374	0.200094	10.0	2697280.0	1.174443	Y
3	IC 200-211118/6	0.424368	0.450796	10.0	2936337.0	1.062277	Y
4	IC 200-211118/7	4.243678	3.706818	10.0	3083235.0	0.873492	Y
5	ICIS 200-211118/8	9.99806	11.301929	10.0	2333914.0	1.130412	Y
6	IC 200-211118/10	14.99709	14.13956	10.0	2950908.0	0.94282	Y
7	IC 200-211118/12	19.99612	17.567311	10.0	2930601.0	0.878536	Y
8	IC 200-211118/13	39.99224	34.137121	10.0	2883573.0	0.853594	Y



Calibration

/ Undecane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

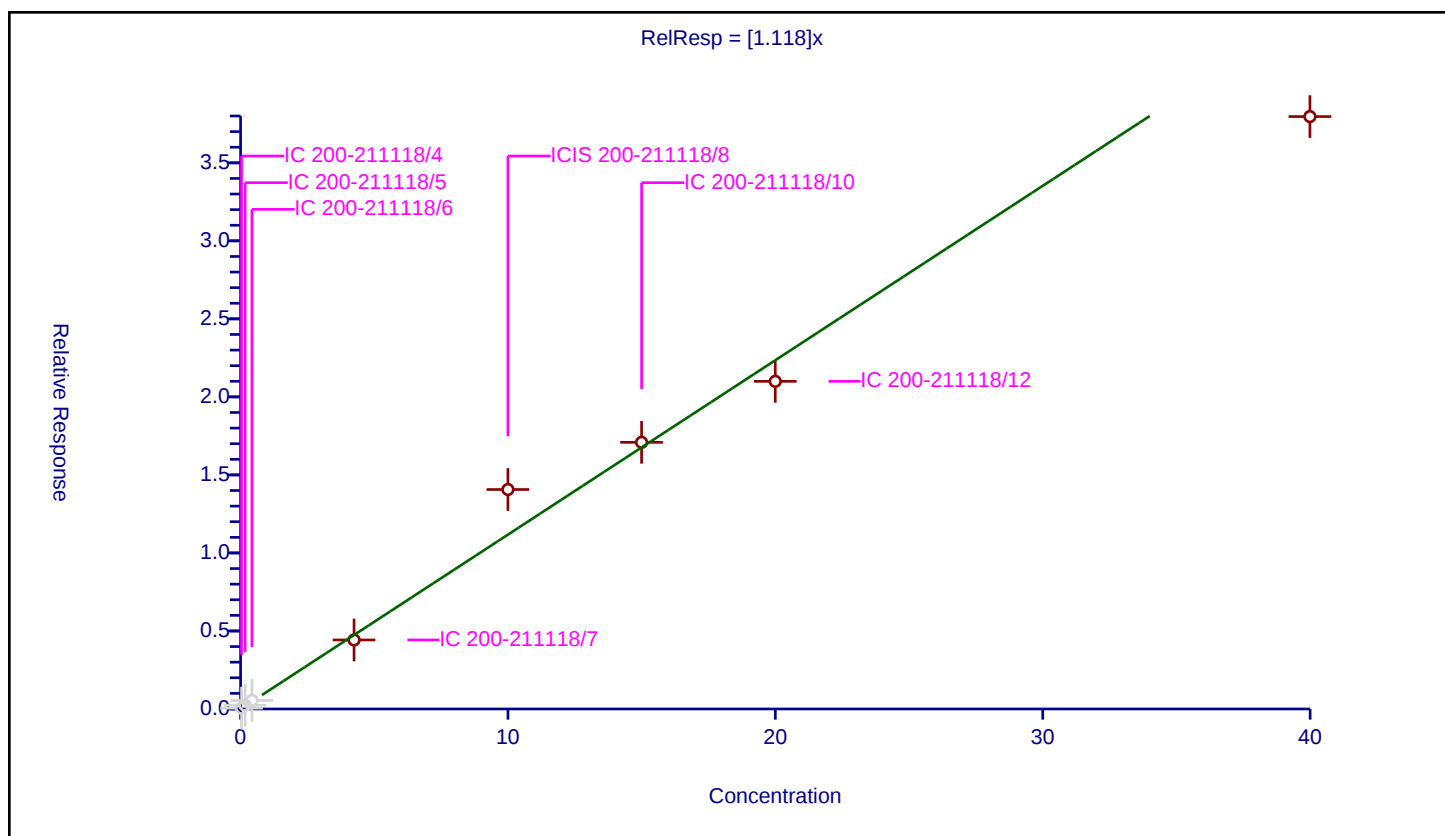
Curve Coefficients

Intercept: 0
Slope: 1.118

Error Coefficients

Relative Standard Deviation: 15.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.053879	10.0	2747624.0	1.536031	N
2	IC 200-211118/5	0.170374	0.238548	10.0	2697280.0	1.400144	N
3	IC 200-211118/6	0.424368	0.546514	10.0	2936337.0	1.287831	N
4	IC 200-211118/7	4.243678	4.423289	10.0	3083235.0	1.042324	Y
5	ICIS 200-211118/8	9.99806	14.065407	10.0	2333914.0	1.406814	Y
6	IC 200-211118/10	14.99709	17.088367	10.0	2950908.0	1.139446	Y
7	IC 200-211118/12	19.99612	20.996168	10.0	2930601.0	1.050012	Y
8	IC 200-211118/13	39.99224	37.96352	10.0	2883573.0	0.949272	Y



Calibration

/ Dodecane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

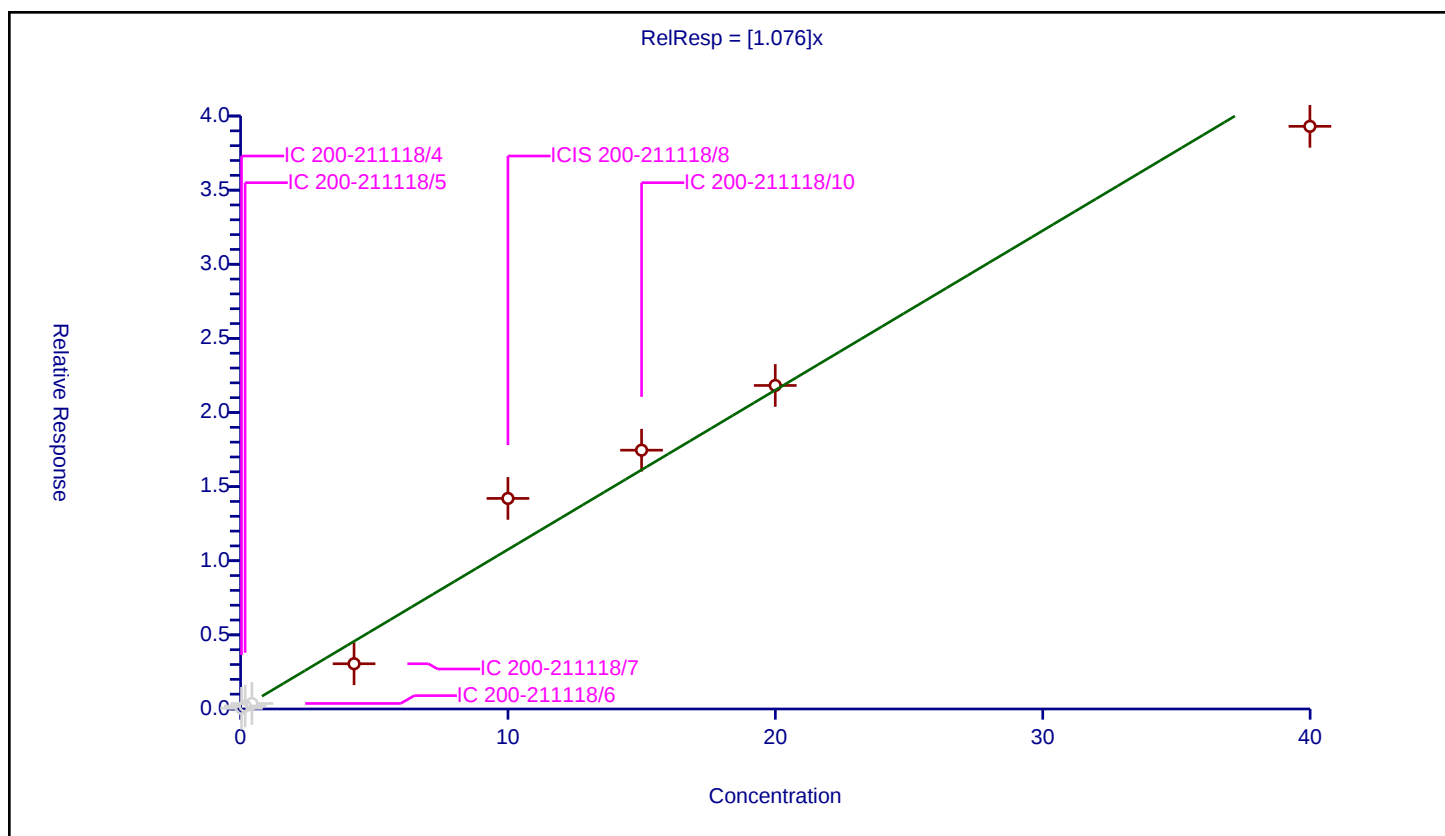
Curve Coefficients

Intercept: 0
 Slope: 1.076

Error Coefficients

Relative Standard Deviation: 23.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.035077	0.045796	10.0	2747624.0	1.305585	N
2	IC 200-211118/5	0.170374	0.20061	10.0	2697280.0	1.177467	N
3	IC 200-211118/6	0.424368	0.371899	10.0	2936337.0	0.876359	N
4	IC 200-211118/7	4.243678	3.051272	10.0	3083235.0	0.719016	Y
5	ICIS 200-211118/8	9.99806	14.203947	10.0	2333914.0	1.42067	Y
6	IC 200-211118/10	14.99709	17.459277	10.0	2950908.0	1.164178	Y
7	IC 200-211118/12	19.99612	21.82437	10.0	2930601.0	1.09143	Y
8	IC 200-211118/13	39.99224	39.303094	10.0	2883573.0	0.982768	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

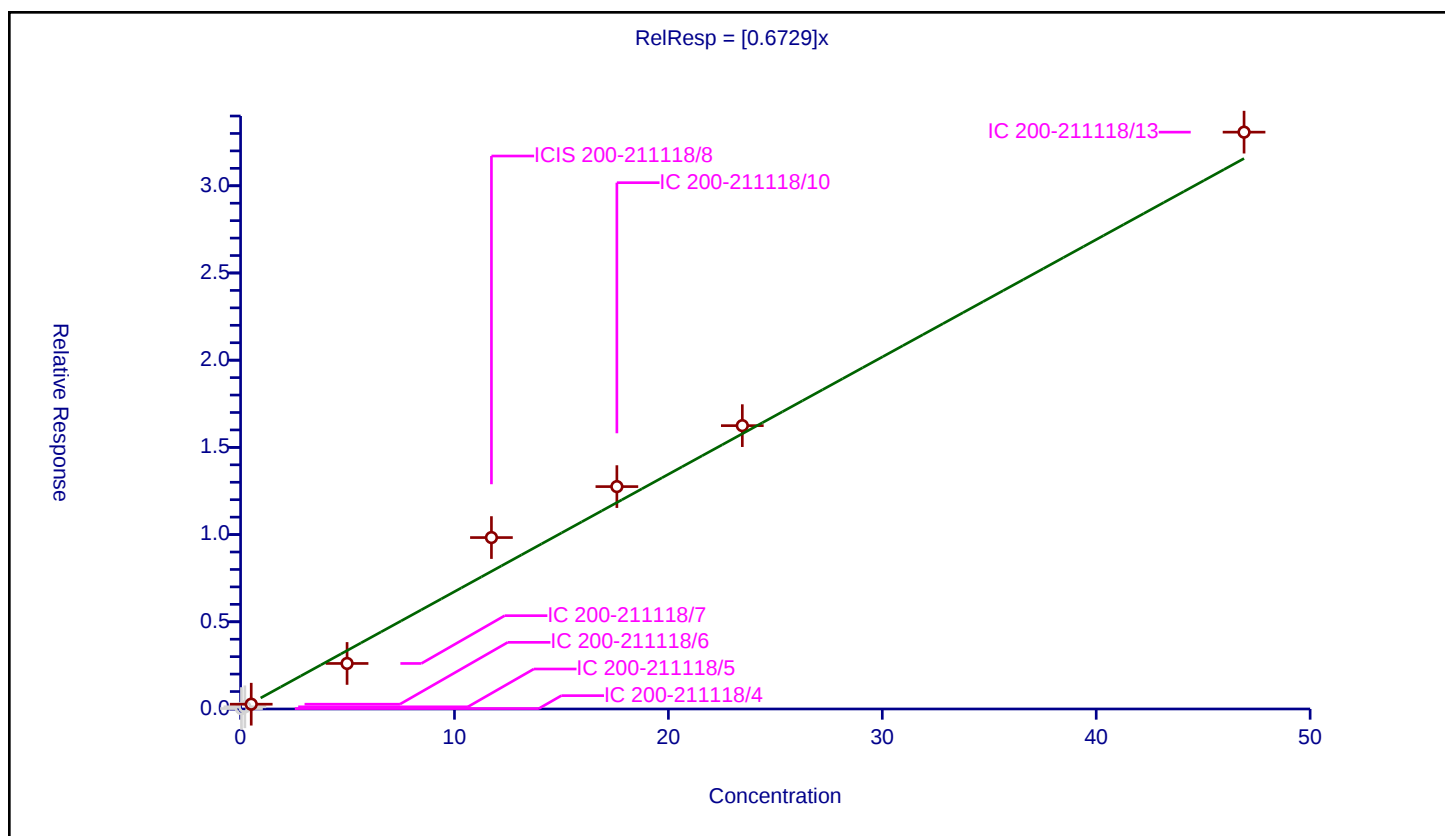
Curve Coefficients

Intercept: 0
Slope: 0.6729

Error Coefficients

Relative Standard Deviation: 17.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.041145	0.025284	10.0	2747624.0	0.614498	N
2	IC 200-211118/5	0.199848	0.124537	10.0	2697280.0	0.623155	N
3	IC 200-211118/6	0.497783	0.274686	10.0	2936337.0	0.551818	Y
4	IC 200-211118/7	4.977835	2.611491	10.0	3083235.0	0.524624	Y
5	ICIS 200-211118/8	11.727724	9.829604	10.0	2333914.0	0.838151	Y
6	IC 200-211118/10	17.591586	12.75136	10.0	2950908.0	0.724856	Y
7	IC 200-211118/12	23.455448	16.246023	10.0	2930601.0	0.692633	Y
8	IC 200-211118/13	46.910897	33.075081	10.0	2883573.0	0.705062	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

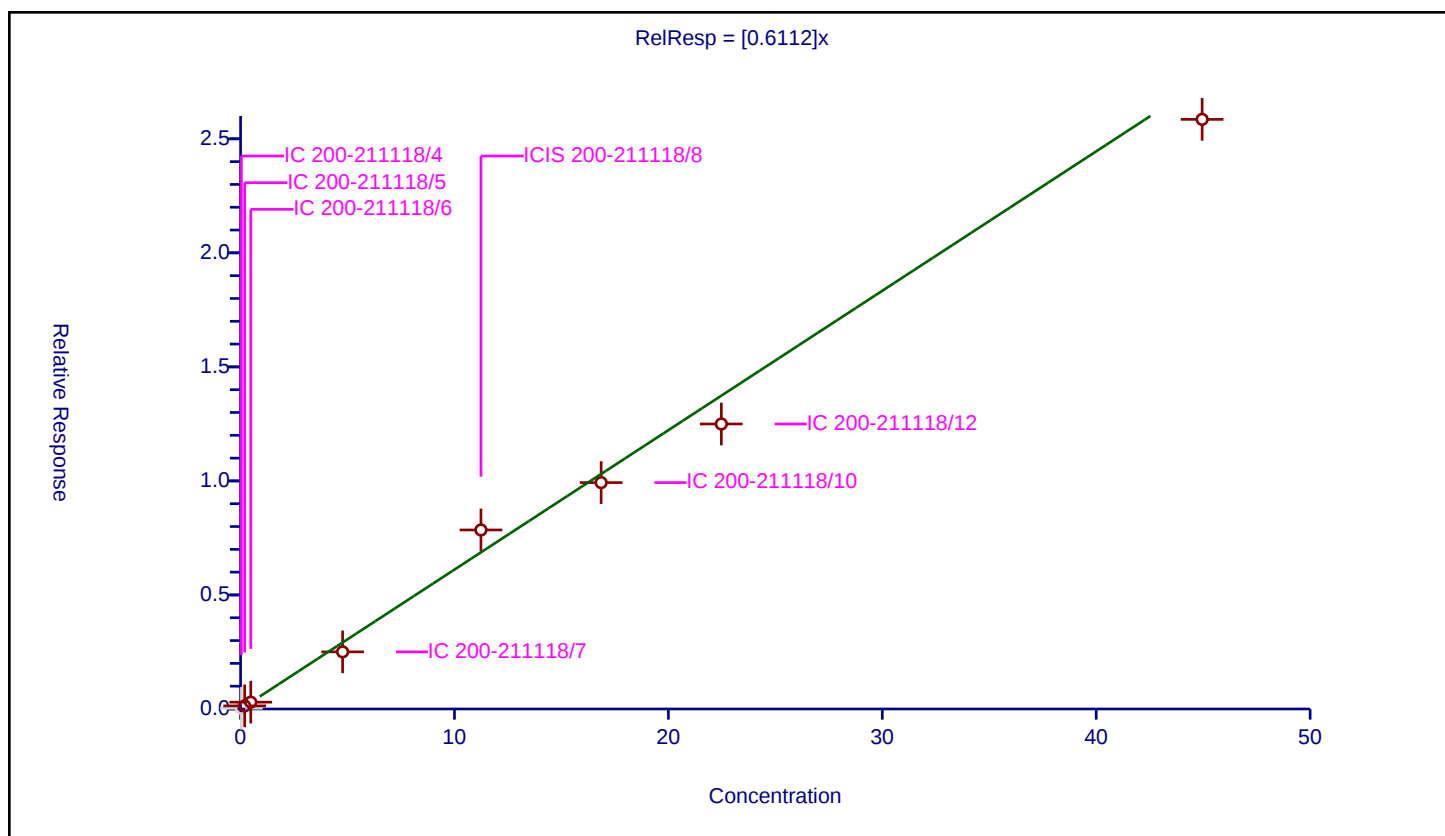
Curve Coefficients

Intercept: 0
Slope: 0.6112

Error Coefficients

Relative Standard Deviation: 11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.039426	0.032337	10.0	2747624.0	0.820186	N
2	IC 200-211118/5	0.1915	0.135896	10.0	2697280.0	0.70964	Y
3	IC 200-211118/6	0.476989	0.298273	10.0	2936337.0	0.625324	Y
4	IC 200-211118/7	4.769895	2.505602	10.0	3083235.0	0.525295	Y
5	ICIS 200-211118/8	11.237819	7.849334	10.0	2333914.0	0.698475	Y
6	IC 200-211118/10	16.856729	9.925992	10.0	2950908.0	0.588845	Y
7	IC 200-211118/12	22.475639	12.49616	10.0	2930601.0	0.555987	Y
8	IC 200-211118/13	44.951277	25.852722	10.0	2883573.0	0.575128	Y



Calibration

/ Naphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

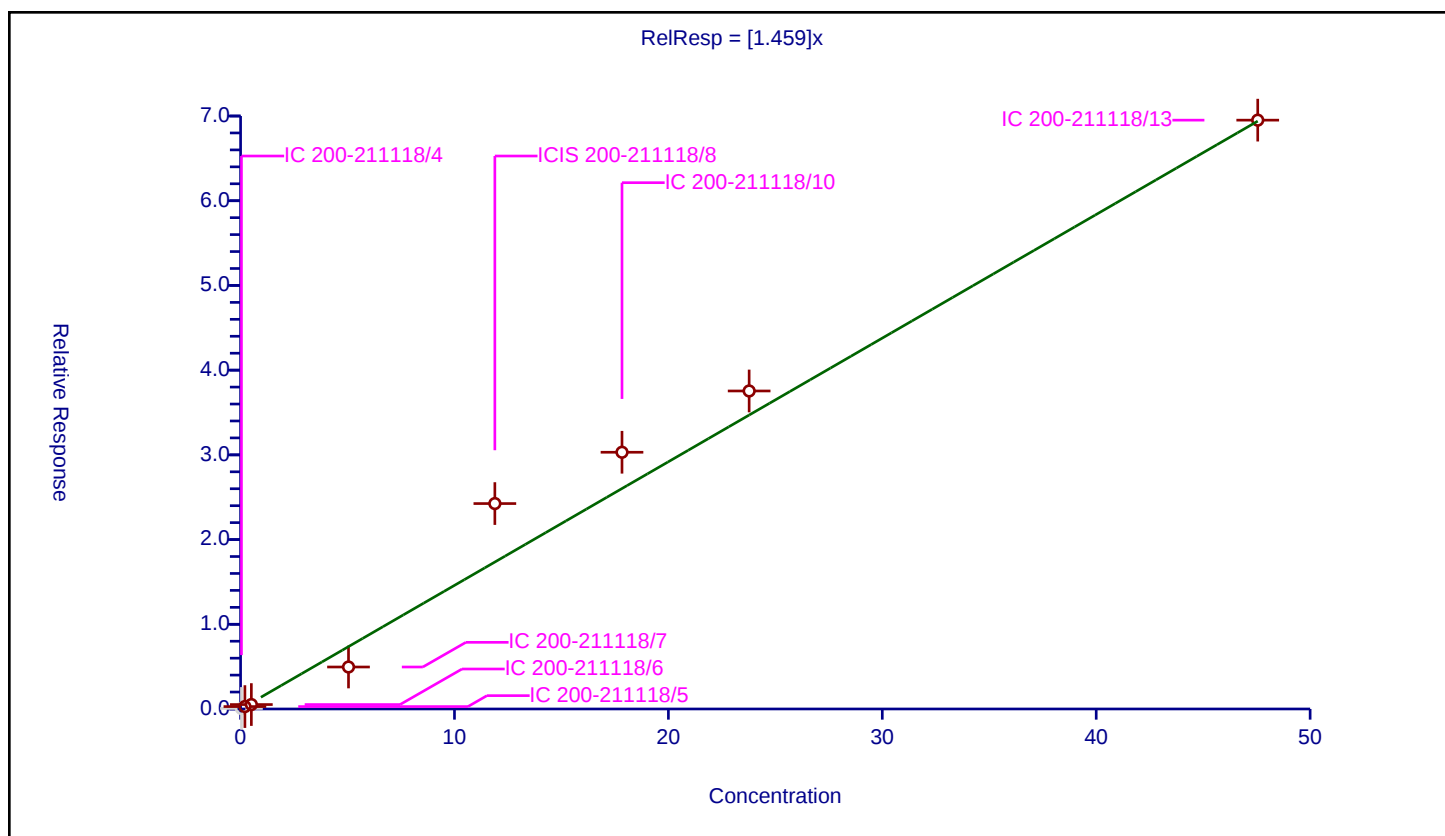
Curve Coefficients

Intercept: 0
Slope: 1.459

Error Coefficients

Relative Standard Deviation: 25.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.041706	0.06352	10.0	2747624.0	1.523033	N
2	IC 200-211118/5	0.202574	0.286021	10.0	2697280.0	1.411933	Y
3	IC 200-211118/6	0.504573	0.525393	10.0	2936337.0	1.041261	Y
4	IC 200-211118/7	5.045734	4.955931	10.0	3083235.0	0.982202	Y
5	ICIS 200-211118/8	11.887693	24.250842	10.0	2333914.0	2.039996	Y
6	IC 200-211118/10	17.83154	30.306895	10.0	2950908.0	1.699623	Y
7	IC 200-211118/12	23.775386	37.542194	10.0	2930601.0	1.579036	Y
8	IC 200-211118/13	47.550773	69.513281	10.0	2883573.0	1.461875	Y



Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

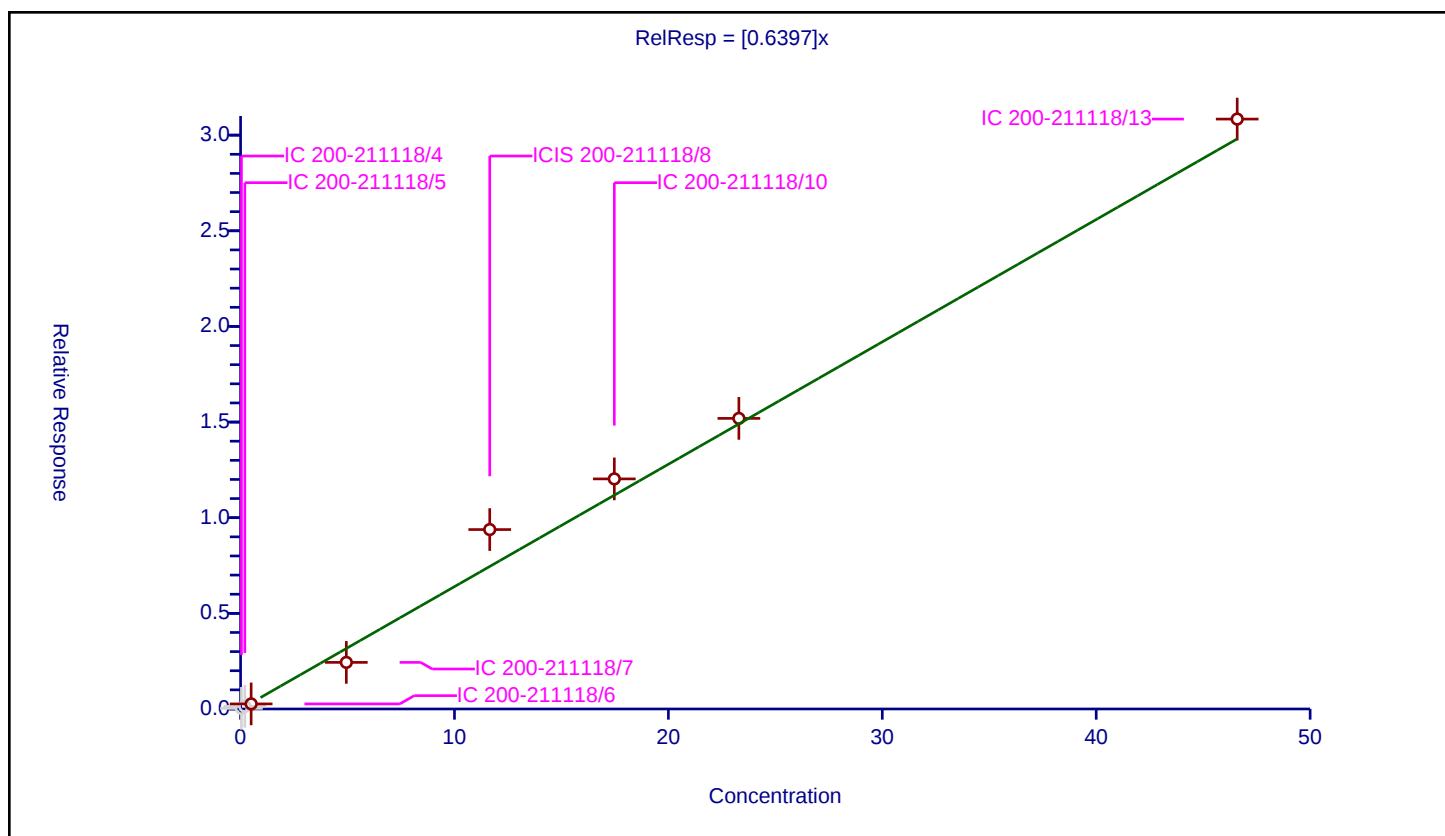
Curve Coefficients

Intercept: 0
Slope: 0.6397

Error Coefficients

Relative Standard Deviation: 17.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-211118/4	0.040865	0.032326	10.0	2747624.0	0.791053	N
2	IC 200-211118/5	0.198485	0.140226	10.0	2697280.0	0.706483	N
3	IC 200-211118/6	0.494389	0.265743	10.0	2936337.0	0.537518	Y
4	IC 200-211118/7	4.943885	2.436794	10.0	3083235.0	0.492891	Y
5	ICIS 200-211118/8	11.64774	9.38011	10.0	2333914.0	0.805316	Y
6	IC 200-211118/10	17.47161	12.02843	10.0	2950908.0	0.688456	Y
7	IC 200-211118/12	23.29548	15.191648	10.0	2930601.0	0.652129	Y
8	IC 200-211118/13	46.590959	30.839046	10.0	2883573.0	0.661911	Y



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Lab Sample ID: ICV 200-211118/21 Calibration Date: 11/18/2024 08:32

Instrument ID: CHAN.i Calib Start Date: 11/17/2024 15:08

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/17/2024 22:53

Lab File ID: 63017_021.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
Propylene	Ave	1.143	1.056		9.23	10.0	-7.7	30.0
Dichlorodifluoromethane	Ave	3.431	3.064		8.93	10.0	-10.7	30.0
Freon 22	Ave	2.205	1.974		8.95	10.0	-10.5	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.880	3.382		8.71	10.0	-12.8	30.0
Chloromethane	Ave	1.378	1.223		8.87	10.0	-11.3	30.0
Vinyl chloride	Ave	1.691	1.378		8.15	10.0	-18.5	30.0
n-Butane	Ave	2.030	1.833		9.03	10.0	-9.7	30.0
1,3-Butadiene	Ave	1.233	0.9923		8.05	10.0	-19.5	30.0
Bromomethane	Ave	1.385	1.204		8.69	10.0	-13.1	30.0
Chloroethane	Ave	0.8246	0.7321		8.88	10.0	-11.2	30.0
Isopentane	Ave	1.807	1.559		8.63	10.0	-13.7	30.0
Bromoethene (Vinyl Bromide)	Ave	1.343	1.191		8.87	10.0	-11.3	30.0
Trichlorofluoromethane	Ave	3.177	2.757		8.68	10.0	-13.2	30.0
n-Pentane	Ave	2.598	2.245		8.64	10.0	-13.6	30.0
Ethanol	Ave	0.6796	0.5928		13.1	15.0	-12.8	30.0
Ethyl ether	Ave	1.071	0.9211		8.60	10.0	-14.0	30.0
Acrolein	Ave	0.5402	0.5197		9.62	10.0	-3.8	30.0
1,1-Dichloroethene	Ave	1.575	1.236		7.85	10.0	-21.5	30.0
Freon TF	Ave	3.001	2.506		8.35	10.0	-16.5	30.0
Acetone	Ave	1.896	1.702		8.98	10.0	-10.2	30.0
Isopropyl alcohol	Ave	2.124	2.057		9.68	10.0	-3.2	30.0
Carbon disulfide	Ave	4.237	3.716		8.77	10.0	-12.3	30.0
Acetonitrile	Ave	1.046	0.8531		8.15	10.0	-18.5	30.0
3-Chloropropene	Ave	1.809	1.426		7.88	10.0	-21.2	30.0
Methylene Chloride	Ave	1.583	1.376		8.69	10.0	-13.1	30.0
tert-Butyl alcohol	Ave	2.763	2.441		8.83	10.0	-11.7	30.0
Acrylonitrile	Ave	1.019	0.8906		8.74	10.0	-12.6	30.0
trans-1,2-Dichloroethene	Ave	2.098	1.796		8.56	10.0	-14.4	30.0
Methyl tert-butyl ether	Ave	3.885	3.368		8.67	10.0	-13.3	30.0
n-Hexane	Ave	2.303	1.965		8.53	10.0	-14.7	30.0
1,1-Dichloroethane	Ave	2.717	2.215		8.15	10.0	-18.5	30.0
Vinyl acetate	Ave	2.721	2.821		10.4	10.0	3.7	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.7657	0.6640		8.67	10.0	-13.3	30.0
cis-1,2-Dichloroethene	Ave	1.692	1.340		7.92	10.0	-20.8	30.0
Ethyl acetate	Ave	0.1290	0.1173		9.09	10.0	-9.1	30.0
Tetrahydrofuran	Ave	0.3172	0.2784		8.77	10.0	-12.2	30.0
Chloroform	Ave	2.945	2.537		8.62	10.0	-13.8	30.0
1,1,1-Trichloroethane	Ave	0.5770	0.4979		8.63	10.0	-13.7	30.0
Cyclohexane	Ave	0.4146	0.3576		8.63	10.0	-13.7	30.0
Carbon tetrachloride	Ave	0.5966	0.4958		8.31	10.0	-16.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Lab Sample ID: ICV 200-211118/21 Calibration Date: 11/18/2024 08:32

Instrument ID: CHAN.i Calib Start Date: 11/17/2024 15:08

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/17/2024 22:53

Lab File ID: 63017_021.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
Benzene	Ave	0.9730	0.8475		8.71	10.0	-12.9	30.0
1,2-Dichloroethane	Ave	0.3607	0.3141		8.71	10.0	-12.9	30.0
2,2,4-Trimethylpentane	Ave	1.512	1.324		8.75	10.0	-12.4	30.0
n-Heptane	Ave	0.5463	0.4737		8.67	10.0	-13.3	30.0
n-Butanol	Ave	0.2354	0.1885		8.01	10.0	-19.9	30.0
Trichloroethene	Ave	0.4335	0.3715		8.57	10.0	-14.3	30.0
1,2-Dichloropropane	Ave	0.3771	0.3305		8.76	10.0	-12.4	30.0
Methyl methacrylate	Ave	0.3504	0.3093		8.83	10.0	-11.7	30.0
1,4-Dioxane	Ave	0.2088	0.1635		7.83	10.0	-21.7	30.0
Dibromomethane	Ave	0.3723	0.3327		8.94	10.0	-10.6	30.0
Bromodichloromethane	Ave	0.6627	0.5745		8.67	10.0	-13.3	30.0
cis-1,3-Dichloropropene	Ave	0.6280	0.5499		8.75	10.0	-12.4	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.6838	0.6143		8.98	10.0	-10.2	30.0
Toluene	Ave	0.7857	0.6874		8.75	10.0	-12.5	30.0
n-Octane	Ave	0.7586	0.6587		8.68	10.0	-13.2	30.0
trans-1,3-Dichloropropene	Ave	0.4855	0.4569		9.41	10.0	-5.9	30.0
1,1,2-Trichloroethane	Ave	0.4106	0.3692		8.99	10.0	-10.1	30.0
Tetrachloroethene	Ave	0.6154	0.5165		8.39	10.0	-16.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.7363	0.6663		9.05	10.0	-9.5	30.0
Dibromochloromethane	Ave	0.7489	0.6318		8.44	10.0	-15.6	30.0
1,2-Dibromoethane	Ave	0.7246	0.6378		8.80	10.0	-12.0	30.0
Chlorobenzene	Ave	1.039	0.9097		8.75	10.0	-12.4	30.0
Ethylbenzene	Ave	1.693	1.493		8.81	10.0	-11.8	30.0
m,p-Xylene	Ave	0.6507	0.5653		17.4	20.0	-13.1	30.0
n-Nonane	Ave	0.8478	0.7378		8.70	10.0	-13.0	30.0
o-Xylene	Ave	0.6359	0.5569		8.76	10.0	-12.4	30.0
Styrene	Ave	1.056	0.9261		8.76	10.0	-12.3	30.0
Bromoform	Ave	0.6362	0.4966		7.80	10.0	-21.9	30.0
Cumene	Ave	1.844	1.607		8.72	10.0	-12.8	30.0
1,1,2,2-Tetrachloroethane	Ave	1.105	0.9517		8.61	10.0	-13.9	30.0
1,2,3-Trichloropropane	Ave	0.7835	0.6980		8.91	10.0	-10.9	30.0
n-Propylbenzene	Ave	2.245	1.979		8.81	10.0	-11.9	30.0
2-Chlorotoluene	Ave	1.380	1.210		8.77	10.0	-12.3	30.0
4-Ethyltoluene	Ave	1.768	1.577		8.91	10.0	-10.8	30.0
1,3,5-Trimethylbenzene	Ave	1.478	1.296		8.77	10.0	-12.3	30.0
n-Decane	Ave	1.042	0.9372		8.99	10.0	-10.1	30.0
Alpha Methyl Styrene	Ave	0.8209	0.7003		8.53	10.0	-14.7	30.0
tert-Butylbenzene	Ave	1.407	1.226		8.71	10.0	-12.9	30.0
1,2,4-Trimethylbenzene	Ave	1.490	1.293		8.68	10.0	-13.2	30.0
sec-Butylbenzene	Ave	2.195	1.932		8.80	10.0	-12.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Lab Sample ID: ICV 200-211118/21 Calibration Date: 11/18/2024 08:32
 Instrument ID: CHAN.i Calib Start Date: 11/17/2024 15:08
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/17/2024 22:53
 Lab File ID: 63017_021.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-Dichlorobenzene	Ave	1.026	0.8900		8.68	10.0	-13.2	30.0
4-Isopropyltoluene	Ave	1.823	1.557		8.54	10.0	-14.6	30.0
1,4-Dichlorobenzene	Ave	1.009	0.8909		8.83	10.0	-11.7	30.0
Benzyl chloride	Ave	1.421	1.211		8.52	10.0	-14.8	30.0
n-Butylbenzene	Ave	1.858	1.622		8.73	10.0	-12.7	30.0
1,2-Dichlorobenzene	Ave	0.9879	0.8448		8.55	10.0	-14.5	30.0
n-Undecane	Ave	1.118	1.039		9.30	10.0	-7.0	30.0
n-Dodecane	Ave	1.076	1.014		9.43	10.0	-5.7	30.0
1,2,4-Trichlorobenzene	Ave	0.6729	0.7441		11.1	10.0	10.6	30.0
Hexachlorobutadiene	Ave	0.6112	0.5754		9.41	10.0	-5.9	30.0
Naphthalene	Ave	1.459	1.717		11.8	10.0	17.6	30.0
1,2,3-Trichlorobenzene	Ave	0.6397	0.6146		9.61	10.0	-3.9	30.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_021.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 18-Nov-2024 08:32:43 ALS Bottle#: 0 Worklist Smp#: 21
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info:
 Operator ID: Instrument ID: CHAN.i
 Sublist:
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 18-Nov-2024 09:28:16 Calib Date: 17-Nov-2024 22:53:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1654

First Level Reviewer: BKZ7

Date: 18-Nov-2024 09:09:23

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	4.358	4.358	0.000	98	799406	10.0	9.23	
2 Dichlorodifluoromethane	85	4.455	4.454	0.001	99	2319624	10.0	8.93	
3 Chlorodifluoromethane	51	4.497	4.497	0.000	97	1494648	10.0	8.95	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.818	4.818	0.000	97	2560396	10.0	8.71	
11 BFB									
5 Chloromethane	50	4.936	4.936	0.000	99	925967	10.0	8.87	
6 Vinyl chloride	62	5.230	5.235	-0.005	99	1043667	10.0	8.15	
7 Butane	43	5.236	5.235	0.001	98	1387958	10.0	9.03	
8 Butadiene	54	5.348	5.348	0.000	91	751302	10.0	8.05	
9 Bromomethane	94	6.070	6.075	-0.005	99	911552	10.0	8.69	
10 Chloroethane	64	6.343	6.343	0.000	99	554304	10.0	8.88	
12 2-Methylbutane	43	6.557	6.557	0.000	94	1180054	10.0	8.63	
13 Vinyl bromide	106	6.760	6.760	0.000	99	902127	10.0	8.87	
14 Trichlorofluoromethane	101	6.926	6.926	0.000	99	2087283	10.0	8.68	
15 Pentane	43	7.135	7.135	0.000	96	1699591	10.0	8.64	
16 Ethanol	45	7.290	7.290	0.000	98	673553	15.0	13.1	
18 Ethyl ether	59	7.541	7.541	0.000	93	697383	10.0	8.60	
19 Acrolein	56	7.771	7.776	-0.005	95	393454	10.0	9.62	
20 1,1-Dichloroethene	96	7.985	7.985	0.000	97	935967	10.0	7.85	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	8.023	8.028	-0.005	95	1897064	10.0	8.35	
22 Acetone	43	8.050	8.049	0.001	97	1288863	10.0	8.98	
23 Isopropyl alcohol	45	8.344	8.344	0.000	99	1557226	10.0	9.68	
24 Carbon disulfide	76	8.387	8.386	0.001	98	2813535	10.0	8.77	
25 Acetonitrile	41	8.547	8.547	0.000	99	645943	10.0	8.15	
26 3-Chloro-1-propene	41	8.676	8.675	0.001	94	1079712	10.0	7.88	
27 Methylene Chloride	49	8.900	8.900	0.000	92	1041610	10.0	8.69	
28 2-Methyl-2-propanol	59	9.109	9.109	0.000	100	1848223	10.0	8.83	
29 Acrylonitrile	53	9.291	9.290	0.001	96	674346	10.0	8.74	
30 trans-1,2-Dichloroethene	61	9.403	9.403	0.000	99	1360099	10.0	8.56	
31 Methyl tert-butyl ether	73	9.408	9.414	-0.006	97	2549782	10.0	8.67	
32 Hexane	57	9.922	9.922	0.000	91	1487858	10.0	8.53	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.163	10.162	0.001	100	1676767	10.0	8.15	
34 Vinyl acetate	43	10.168	10.168	0.000	100	2135597	10.0	10.4	
S 35 1,2-Dichloroethene, Total	61				0		20.0	16.5	
36 2-Butanone (MEK)	72	11.126	11.125	0.001	99	502749	10.0	8.67	
37 cis-1,2-Dichloroethene	96	11.158	11.158	0.000	90	1014808	10.0	7.92	
38 Ethyl acetate	88	11.211	11.216	-0.005	100	88791	10.0	9.09	
* 39 Chlorobromomethane	128	11.564	11.564	0.000	92	757290	10.0	10.0	M
40 Tetrahydrofuran	42	11.607	11.607	0.000	92	1009277	10.0	8.77	
41 Chloroform	83	11.741	11.741	0.000	95	1921144	10.0	8.62	
42 1,1,1-Trichloroethane	97	12.057	12.056	0.001	99	1804839	10.0	8.63	
43 Cyclohexane	84	12.201	12.201	0.000	98	1296435	10.0	8.63	
44 Carbon tetrachloride	117	12.335	12.335	0.001	98	1797101	10.0	8.31	
45 Benzene	78	12.677	12.677	0.000	95	3071939	10.0	8.71	
46 1,2-Dichloroethane	62	12.741	12.741	0.000	94	1138409	10.0	8.71	
47 Isooctane	57	12.902	12.907	-0.005	100	4797723	10.0	8.75	
48 n-Heptane	43	13.207	13.212	-0.005	91	1717230	10.0	8.67	
* 49 1,4-Difluorobenzene	114	13.405	13.404	0.001	94	3625585	10.0	10.0	
50 n-Butanol	56	13.613	13.618	-0.005	87	683385	10.0	8.01	
51 Trichloroethene	95	13.843	13.843	0.000	97	1346801	10.0	8.57	
A 52 GRO	1	14.220	(6.547-21.894)		0	419031005	649.9	0	
53 1,2-Dichloropropane	63	14.293	14.287	0.006	93	1197918	10.0	8.76	
54 Methyl methacrylate	69	14.378	14.378	0.000	98	1121313	10.0	8.83	
55 1,4-Dioxane	88	14.416	14.421	-0.005	93	592813	10.0	7.83	
57 Dibromomethane	174	14.448	14.448	0.000	97	1206147	10.0	8.94	
58 Dichlorobromomethane	83	14.753	14.753	0.000	98	2082619	10.0	8.67	
59 cis-1,3-Dichloropropene	75	15.555	15.555	0.000	90	1993197	10.0	8.75	
A 60 TVOC as Toluene	1	15.574	(4.348-26.800)		0	640349266	899.8	0	
61 4-Methyl-2-pentanone (MIBK)	43	15.818	15.817	0.001	95	2226729	10.0	8.98	
A 63 Toluene Range	1	16.200	(16.122-16.277)		0	8521434	NC	NC	
62 Toluene	92	16.203	16.202	0.001	93	2164983	10.0	8.75	
64 n-Octane	43	16.459	16.459	0.000	91	2387760	10.0	8.68	
A 65 C8 Range	1	16.465	(16.390-16.539)		0	9112374	NC	NC	
66 trans-1,3-Dichloropropene	75	16.604	16.604	0.000	95	1656143	10.0	9.41	
67 1,1,2-Trichloroethane	83	16.978	16.978	0.000	94	1162986	10.0	8.99	
68 Tetrachloroethene	166	17.198	17.197	0.001	98	1626627	10.0	8.39	
69 2-Hexanone	43	17.390	17.390	0.000	96	2098658	10.0	9.05	
70 Chlorodibromomethane	129	17.717	17.716	0.001	98	1989988	10.0	8.44	
71 Ethylene Dibromide	107	17.957	17.957	0.000	98	2008818	10.0	8.80	
* 73 Chlorobenzene-d5	117	18.872	18.872	0.000	86	3150203	10.0	10.0	
74 Chlorobenzene	112	18.931	18.936	-0.005	95	2865325	10.0	8.75	
75 Ethylbenzene	91	19.129	19.129	0.000	99	4701110	10.0	8.81	
76 m-Xylene & p-Xylene	106	19.391	19.391	0.000	0	3560728	20.0	17.4	
77 n-Nonane	57	19.461	19.460	0.001	91	2323627	10.0	8.70	
S 80 Xylenes, Total	106				0		30.0	26.1	
78 o-Xylene	106	20.162	20.161	0.001	99	1754020	10.0	8.76	
79 Styrene	104	20.194	20.193	0.001	99	2916869	10.0	8.76	
81 Bromoform	173	20.531	20.525	0.006	96	1564123	10.0	7.80	
82 Isopropylbenzene	105	20.846	20.846	0.000	98	5062635	10.0	8.72	
83 1,1,2,2-Tetrachloroethane	83	21.349	21.349	0.000	97	2997537	10.0	8.61	
84 1,2,3-Trichloropropane	75	21.445	21.451	-0.006	99	2198547	10.0	8.91	
85 N-Propylbenzene	91	21.558	21.558	0.000	99	6232272	10.0	8.81	
86 2-Chlorotoluene	91	21.702	21.702	0.000	96	3812403	10.0	8.77	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 4-Ethyltoluene	105	21.750	21.750	0.000	99	4965919	10.0	8.91	
88 1,3,5-Trimethylbenzene	105	21.847	21.846	0.001	93	4082663	10.0	8.77	
89 n-Decane	57	21.884	21.884	0.000	90	2951689	10.0	8.99	
90 Alpha Methyl Styrene	118	22.168	22.167	0.001	88	2205664	10.0	8.53	
91 tert-Butylbenzene	119	22.323	22.328	-0.005	93	3861077	10.0	8.71	
92 1,2,4-Trimethylbenzene	105	22.414	22.413	0.001	98	4071696	10.0	8.68	
93 sec-Butylbenzene	105	22.649	22.649	0.000	99	6084136	10.0	8.80	
94 1,3-Dichlorobenzene	146	22.815	22.820	-0.005	98	2803253	10.0	8.68	
95 4-Isopropyltoluene	119	22.863	22.863	0.000	97	4902460	10.0	8.54	
96 1,4-Dichlorobenzene	146	22.954	22.959	-0.005	94	2806055	10.0	8.83	
97 Benzyl chloride	91	23.099	23.098	0.001	99	3814774	10.0	8.52	
98 n-Butylbenzene	91	23.414	23.414	0.000	99	5108812	10.0	8.73	
99 1,2-Dichlorobenzene	146	23.446	23.446	0.000	96	2660903	10.0	8.55	
100 Undecane	57	23.569	23.569	0.000	95	3273741	10.0	9.30	
101 Dodecane	57	25.158	25.158	0.000	97	3194873	10.0	9.43	
102 1,2,4-Trichlorobenzene	180	25.896	25.896	0.000	94	2343554	10.0	11.1	
103 Hexachlorobutadiene	225	26.148	26.148	0.000	98	1812326	10.0	9.41	
104 Naphthalene	128	26.373	26.372	0.001	99	5406448	10.0	11.8	
105 1,2,3-Trichlorobenzene	180	26.790	26.790	0.000	95	1935614	10.0	9.61	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ATTO15LCSW_00881

Amount Added: 200.00

Units: mL

ATTO15CISs_00012

Amount Added: 20.00

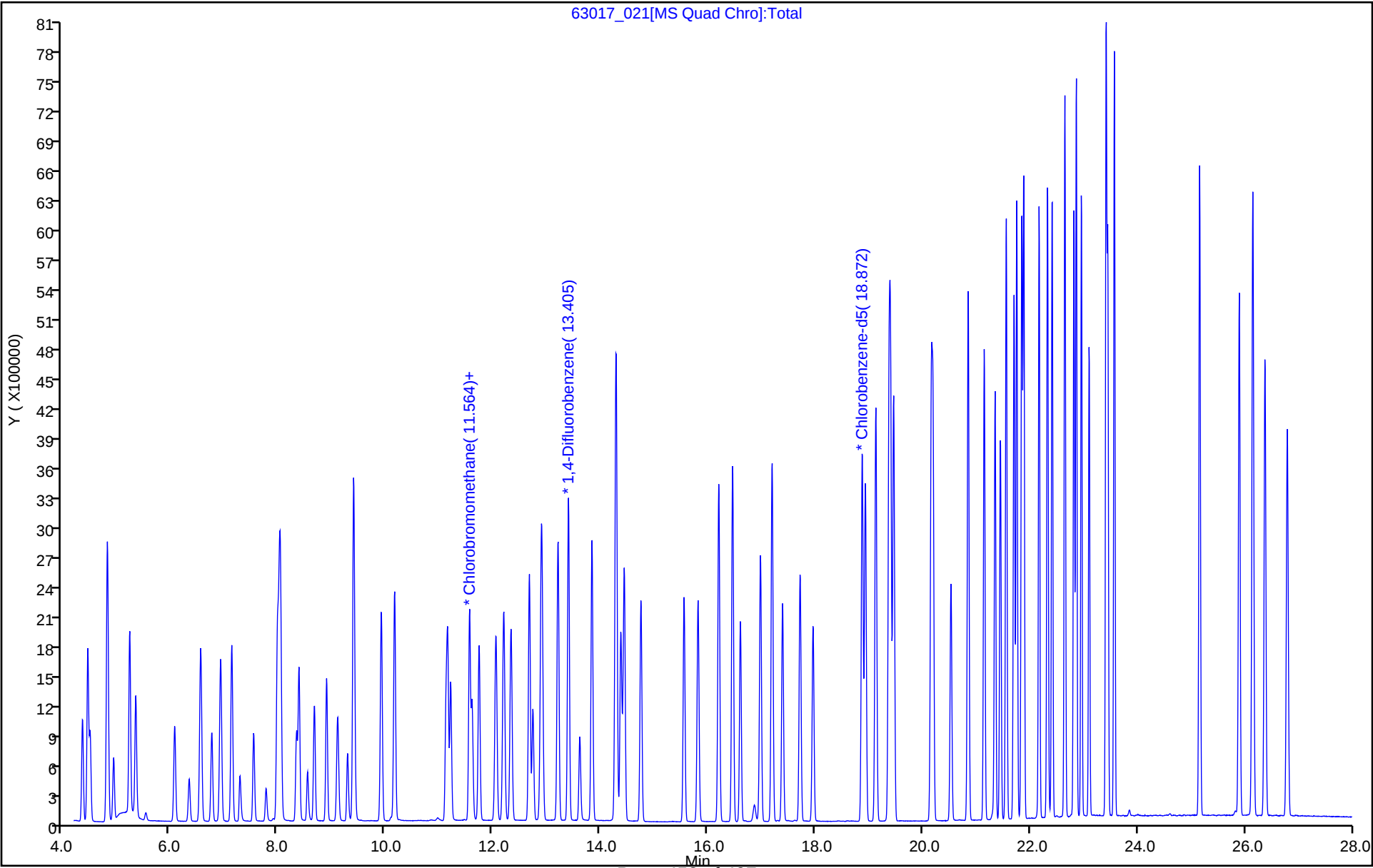
Units: mL

Run Reagent

Eurofins Burlington
Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_021.D
Injection Date: 18-Nov-2024 08:32:43 Instrument ID: CHAN.i
Lims ID: ICV
Client ID:
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

Operator ID:
Worklist Smp#: 21

ALS Bottle#: 0



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_021.D
Injection Date: 18-Nov-2024 08:32:43 Instrument ID: CHAN.i
Lims ID: ICV
Client ID:
Operator ID:
Purge Vol: 200.000 mL
Method: TO15_TO3_Master_Method_AN
Column: RTX-624 (0.32 mm)

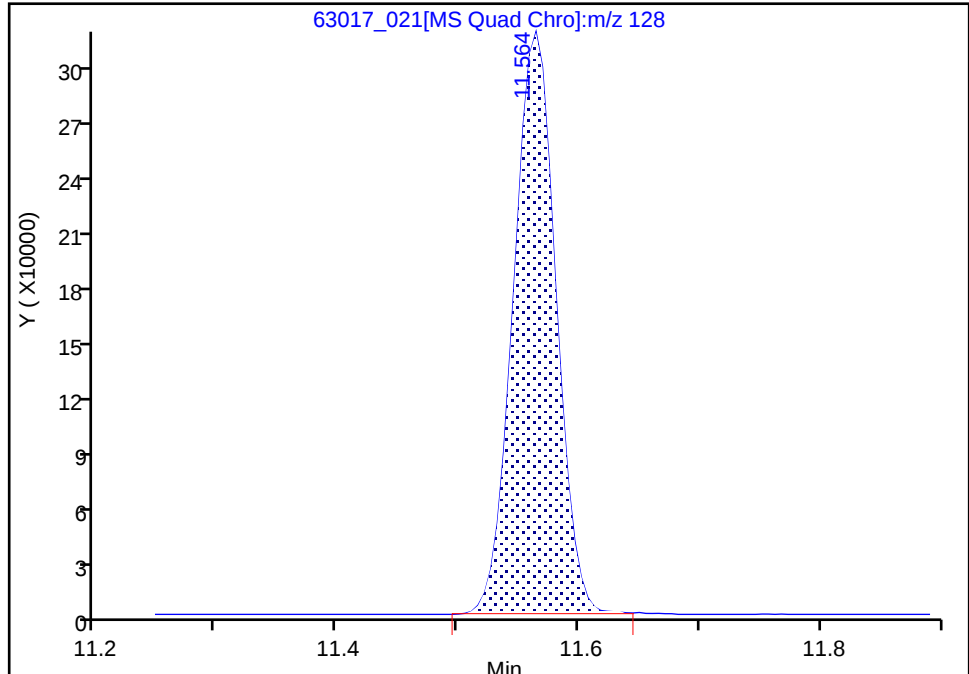
ALS Bottle#: 0 Worklist Smp#: 21
Dil. Factor: 1.0000
Limit Group: AI_TO15_ICAL
Detector: MS SCAN

* 39 Chlorobromomethane, CAS: 74-97-5

Signal: 1

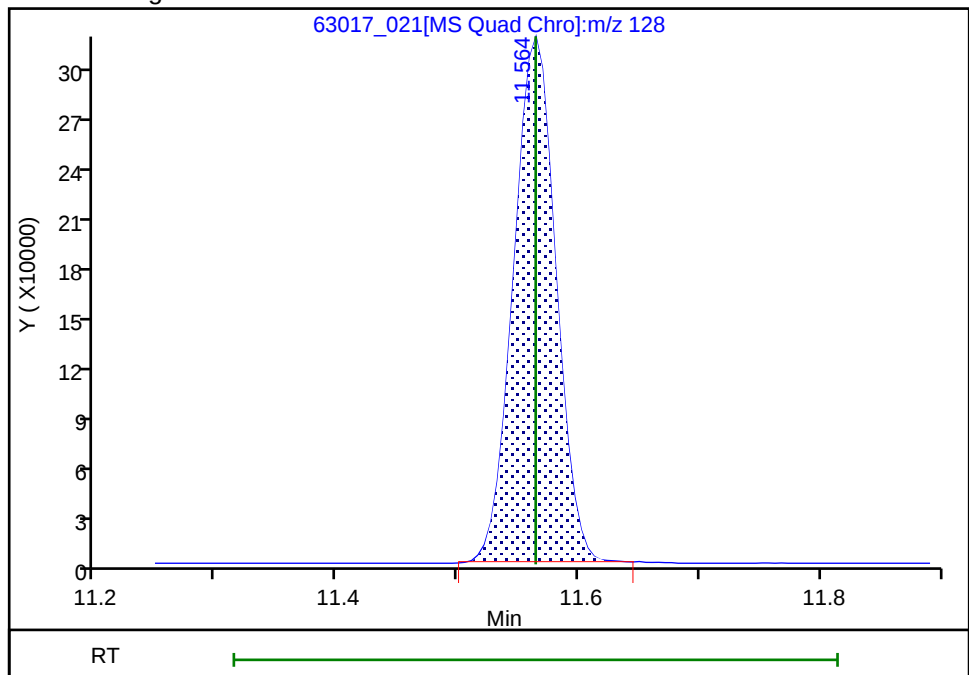
RT: 11.56
Area: 761402
Amount: 10.000000
Amount Units: ppb v/v

Processing Integration Results



RT: 11.56
Area: 757290
Amount: 10.000000
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 18-Nov-2024 09:06:41 -05:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Lab Sample ID: CCVIS 200-211470/2 Calibration Date: 11/27/2024 07:59

Instrument ID: CHAN.i Calib Start Date: 11/17/2024 15:08

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/17/2024 22:53

Lab File ID: 63156_002.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
Propylene	Ave	1.143	1.486		13.0	10.0	29.9	30.0
Dichlorodifluoromethane	Ave	3.431	3.493		10.2	10.0	1.8	30.0
Freon 22	Ave	2.205	2.565		11.6	10.0	16.4	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.880	3.761		9.69	10.0	-3.1	30.0
Chloromethane	Ave	1.378	1.528		11.1	10.0	10.9	30.0
Vinyl chloride	Ave	1.691	1.344		7.95	10.0	-20.5	30.0
n-Butane	Ave	2.030	2.081		10.2	10.0	2.5	30.0
1,3-Butadiene	Ave	1.233	0.9909		8.04	10.0	-19.6	30.0
Bromomethane	Ave	1.385	1.154		8.33	10.0	-16.7	30.0
Chloroethane	Ave	0.8246	0.7564		9.17	10.0	-8.3	30.0
Isopentane	Ave	1.807	1.861		10.3	10.0	3.0	30.0
Bromoethene (Vinyl Bromide)	Ave	1.343	1.059		7.88	10.0	-21.1	30.0
Trichlorofluoromethane	Ave	3.177	2.819		8.87	10.0	-11.3	30.0
n-Pentane	Ave	2.598	2.783		10.7	10.0	7.1	30.0
Ethanol	Ave	0.6796	0.6974		15.4	15.0	2.6	30.0
Ethyl ether	Ave	1.071	1.000		9.34	10.0	-6.6	30.0
Acrolein	Ave	0.5402	0.5321		11.5	11.7	-1.5	30.0
1,1-Dichloroethene	Ave	1.575	1.212		7.69	10.0	-23.1	30.0
Freon TF	Ave	3.001	2.500		8.33	10.0	-16.7	30.0
Acetone	Ave	1.896	2.262		11.9	10.0	19.3	30.0
Isopropyl alcohol	Ave	2.124	2.412		13.2	11.6	13.6	30.0
Carbon disulfide	Ave	4.237	3.842		9.07	10.0	-9.3	30.0
Acetonitrile	Ave	1.046	1.212		11.6	10.0	15.8	30.0
3-Chloropropene	Ave	1.809	1.975		10.9	10.0	9.2	30.0
Methylene Chloride	Ave	1.583	1.706		10.8	10.0	7.8	30.0
tert-Butyl alcohol	Ave	2.763	2.913		10.5	10.0	5.4	30.0
Acrylonitrile	Ave	1.019	1.063		10.4	10.0	4.3	30.0
trans-1,2-Dichloroethene	Ave	2.098	2.008		9.57	10.0	-4.3	30.0
Methyl tert-butyl ether	Ave	3.885	3.690		9.50	10.0	-5.0	30.0
n-Hexane	Ave	2.303	2.246		9.75	10.0	-2.4	30.0
1,1-Dichloroethane	Ave	2.717	2.590		9.53	10.0	-4.7	30.0
Vinyl acetate	Ave	2.721	3.323		13.9	11.4	22.1	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.7657	0.7108		9.28	10.0	-7.2	30.0
cis-1,2-Dichloroethene	Ave	1.692	1.385		8.18	10.0	-18.2	30.0
Ethyl acetate	Ave	0.1290	0.1143		8.86	10.0	-11.4	30.0
Tetrahydrofuran	Ave	0.3172	0.3639		11.5	10.0	14.7	30.0
Chloroform	Ave	2.945	2.762		9.38	10.0	-6.2	30.0
1,1,1-Trichloroethane	Ave	0.5770	0.5264		9.12	10.0	-8.8	30.0
Cyclohexane	Ave	0.4146	0.3546		8.55	10.0	-14.5	30.0
Carbon tetrachloride	Ave	0.5966	0.5075		8.51	10.0	-14.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Lab Sample ID: CCVIS 200-211470/2 Calibration Date: 11/27/2024 07:59

Instrument ID: CHAN.i Calib Start Date: 11/17/2024 15:08

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/17/2024 22:53

Lab File ID: 63156_002.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
Benzene	Ave	0.9730	0.8612		8.85	10.0	-11.5	30.0
1,2-Dichloroethane	Ave	0.3607	0.3682		10.2	10.0	2.1	30.0
2,2,4-Trimethylpentane	Ave	1.512	1.487		9.83	10.0	-1.6	30.0
n-Heptane	Ave	0.5463	0.5826		10.7	10.0	6.6	30.0
n-Butanol	Ave	0.2354	0.2335		9.92	10.0	-0.8	30.0
Trichloroethene	Ave	0.4335	0.3648		8.41	10.0	-15.9	30.0
1,2-Dichloropropane	Ave	0.3771	0.3592		9.52	10.0	-4.7	30.0
Methyl methacrylate	Ave	0.3504	0.3308		9.44	10.0	-5.6	30.0
1,4-Dioxane	Ave	0.2088	0.1864		8.93	10.0	-10.7	30.0
Dibromomethane	Ave	0.3723	0.2822		7.58	10.0	-24.2	30.0
Bromodichloromethane	Ave	0.6627	0.6201		9.35	10.0	-6.4	30.0
cis-1,3-Dichloropropene	Ave	0.6280	0.5843		9.30	10.0	-7.0	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.6838	0.7670		11.2	10.0	12.2	30.0
Toluene	Ave	0.7857	0.6506		8.28	10.0	-17.2	30.0
n-Octane	Ave	0.7586	0.8359		11.0	10.0	10.2	30.0
trans-1,3-Dichloropropene	Ave	0.4855	0.4586		9.44	10.0	-5.5	30.0
1,1,2-Trichloroethane	Ave	0.4106	0.3587		8.73	10.0	-12.6	30.0
Tetrachloroethene	Ave	0.6154	0.4474		7.27	10.0	-27.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.7363	0.7978		10.8	10.0	8.4	30.0
Dibromochloromethane	Ave	0.7489	0.6152		8.21	10.0	-17.9	30.0
1,2-Dibromoethane	Ave	0.7246	0.6026		8.31	10.0	-16.8	30.0
Chlorobenzene	Ave	1.039	0.8407		8.09	10.0	-19.1	30.0
Ethylbenzene	Ave	1.693	1.481		8.75	10.0	-12.5	30.0
m,p-Xylene	Ave	0.6507	0.5395		16.6	20.0	-17.1	30.0
n-Nonane	Ave	0.8478	0.8234		9.71	10.0	-2.9	30.0
o-Xylene	Ave	0.6359	0.5279		8.30	10.0	-17.0	30.0
Styrene	Ave	1.056	0.8887		8.41	10.0	-15.9	30.0
Bromoform	Ave	0.6362	0.4997		7.85	10.0	-21.5	30.0
Cumene	Ave	1.844	1.588		8.61	10.0	-13.8	30.0
1,1,2,2-Tetrachloroethane	Ave	1.105	0.996		9.01	10.0	-9.8	30.0
1,2,3-Trichloropropane	Ave	0.7835	0.7468		9.53	10.0	-4.7	30.0
n-Propylbenzene	Ave	2.245	2.054		9.15	10.0	-8.5	30.0
2-Chlorotoluene	Ave	1.380	1.248		9.04	10.0	-9.5	30.0
4-Ethyltoluene	Ave	1.768	1.564		8.84	10.0	-11.6	30.0
1,3,5-Trimethylbenzene	Ave	1.478	1.302		8.81	10.0	-11.9	30.0
n-Decane	Ave	1.042	1.085		10.4	10.0	4.1	30.0
Alpha Methyl Styrene	Ave	0.8209	0.6880		8.38	10.0	-16.2	30.0
tert-Butylbenzene	Ave	1.407	1.231		8.75	10.0	-12.5	30.0
1,2,4-Trimethylbenzene	Ave	1.490	1.339		8.99	10.0	-10.1	30.0
sec-Butylbenzene	Ave	2.195	2.029		9.24	10.0	-7.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-211470/2 Calibration Date: 11/27/2024 07:59
 Instrument ID: CHAN.i Calib Start Date: 11/17/2024 15:08
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/17/2024 22:53
 Lab File ID: 63156_002.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-Dichlorobenzene	Ave	1.026	0.8629		8.41	10.0	-15.9	30.0
4-Isopropyltoluene	Ave	1.823	1.621		8.89	10.0	-11.1	30.0
1,4-Dichlorobenzene	Ave	1.009	0.8583		8.51	10.0	-14.9	30.0
Benzyl chloride	Ave	1.421	1.350		9.50	10.0	-5.0	30.0
n-Butylbenzene	Ave	1.858	1.816		9.77	10.0	-2.3	30.0
1,2-Dichlorobenzene	Ave	0.9879	0.8382		8.48	10.0	-15.2	30.0
n-Undecane	Ave	1.118	1.289		11.5	10.0	15.3	30.0
n-Dodecane	Ave	1.076	1.255		11.7	10.0	16.7	30.0
1,2,4-Trichlorobenzene	Ave	0.6729	0.5870		10.2	11.7	-12.8	30.0
Hexachlorobutadiene	Ave	0.6112	0.4785		8.80	11.2	-21.7	30.0
Naphthalene	Ave	1.459	1.507		12.3	11.9	3.2	30.0
1,2,3-Trichlorobenzene	Ave	0.6397	0.5608		10.2	11.6	-12.3	30.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_002.D
 Lims ID: ccvis
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 27-Nov-2024 07:59:08 ALS Bottle#: 2 Worklist Smp#: 2
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0063156-002
 Operator ID: wrd Instrument ID: CHAN.i
 Sublist: chrom-TO15_TO3_Master_Method_AN*sub1
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 28-Nov-2024 07:19:18 Calib Date: 17-Nov-2024 22:53:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: BKZ7

Date: 27-Nov-2024 09:59:11

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	4.358	4.358	0.000	97	723268	10.0	13.0	
2 Dichlorodifluoromethane	85	4.455	4.455	0.000	99	1700310	10.0	10.2	
3 Chlorodifluoromethane	51	4.497	4.497	0.000	97	1248780	10.0	11.6	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.818	4.818	0.000	99	1830994	10.0	9.69	
5 Chloromethane	50	4.936	4.936	0.000	99	744108	10.0	11.1	
6 Vinyl chloride	62	5.230	5.230	0.000	100	654375	10.0	7.95	
7 Butane	43	5.236	5.236	0.000	98	1013203	10.0	10.2	
8 Butadiene	54	5.348	5.348	0.000	96	482430	10.0	8.04	
11 BFB									
9 Bromomethane	94	6.070	6.070	0.000	99	561893	10.0	8.33	
10 Chloroethane	64	6.343	6.343	0.000	100	368254	10.0	9.17	
12 2-Methylbutane	43	6.552	6.552	0.000	95	905936	10.0	10.3	
13 Vinyl bromide	106	6.760	6.760	0.000	98	515504	10.0	7.88	
14 Trichlorofluoromethane	101	6.926	6.926	0.000	98	1372414	10.0	8.87	
15 Pentane	43	7.135	7.135	0.000	96	1354957	10.0	10.7	
16 Ethanol	45	7.285	7.285	0.000	98	509544	15.0	15.4	
18 Ethyl ether	59	7.541	7.541	0.000	97	486828	10.0	9.34	
19 Acrolein	56	7.771	7.771	0.000	96	303333	11.7	11.5	
20 1,1-Dichloroethene	96	7.980	7.980	0.000	93	589958	10.0	7.69	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.023	8.023	0.000	94	1217156	10.0	8.33	
22 Acetone	43	8.044	8.044	0.000	98	1101439	10.0	11.9	
23 Isopropyl alcohol	45	8.333	8.333	0.000	100	1361232	11.6	13.2	
24 Carbon disulfide	76	8.387	8.387	0.000	99	1870582	10.0	9.07	
25 Acetonitrile	41	8.542	8.542	0.000	99	590043	10.0	11.6	
26 3-Chloro-1-propene	41	8.670	8.670	0.000	94	961464	10.0	10.9	
27 Methylene Chloride	49	8.895	8.895	0.000	99	830585	10.0	10.8	
28 2-Methyl-2-propanol	59	9.098	9.098	0.000	100	1418014	10.0	10.5	
29 Acrylonitrile	53	9.285	9.285	0.000	95	517724	10.0	10.4	
30 trans-1,2-Dichloroethene	61	9.398	9.398	0.000	95	977602	10.0	9.57	
31 Methyl tert-butyl ether	73	9.403	9.403	0.000	98	1796630	10.0	9.50	
32 Hexane	57	9.917	9.917	0.000	94	1093618	10.0	9.75	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.157	10.157	0.000	100	1260754	10.0	9.53	
34 Vinyl acetate	43	10.163	10.163	0.000	100	1842419	11.4	13.9	
S 35 1,2-Dichloroethene, Total	61				0		20.0	17.8	
36 2-Butanone (MEK)	72	11.115	11.115	0.000	100	346066	10.0	9.28	
37 cis-1,2-Dichloroethene	96	11.153	11.153	0.000	97	674174	10.0	8.18	
38 Ethyl acetate	88	11.206	11.206	0.000	99	55652	10.0	8.86	
* 39 Chlorobromomethane	128	11.554	11.554	0.000	98	486940	10.0	10.0	
40 Tetrahydrofuran	42	11.602	11.602	0.000	95	871651	10.0	11.5	
41 Chloroform	83	11.736	11.736	0.000	96	1344774	10.0	9.38	
42 1,1,1-Trichloroethane	97	12.046	12.046	0.000	98	1260923	10.0	9.12	
43 Cyclohexane	84	12.196	12.196	0.000	96	849330	10.0	8.55	
44 Carbon tetrachloride	117	12.329	12.329	0.000	97	1215624	10.0	8.51	
45 Benzene	78	12.672	12.672	0.000	97	2062892	10.0	8.85	
46 1,2-Dichloroethane	62	12.736	12.736	0.000	93	881914	10.0	10.2	
47 Isooctane	57	12.897	12.897	0.000	99	3561082	10.0	9.83	
48 n-Heptane	43	13.207	13.207	0.000	96	1395466	10.0	10.7	
* 49 1,4-Difluorobenzene	114	13.399	13.399	0.000	96	2395698	10.0	10.0	
50 n-Butanol	56	13.608	13.608	0.000	91	559186	10.0	9.92	
51 Trichloroethene	95	13.838	13.838	0.000	94	873671	10.0	8.41	
A 52 GRO	1	14.215	(6.542-21.889)		0	308845050	649.9	0	
53 1,2-Dichloropropane	63	14.282	14.282	0.000	79	860289	10.0	9.52	
54 Methyl methacrylate	69	14.373	14.373	0.000	94	792344	10.0	9.44	
55 1,4-Dioxane	88	14.411	14.411	0.000	97	446495	10.0	8.93	
57 Dibromomethane	174	14.437	14.437	0.000	91	676051	10.0	7.58	
58 Dichlorobromomethane	83	14.748	14.748	0.000	98	1485203	10.0	9.35	
59 cis-1,3-Dichloropropene	75	15.550	15.550	0.000	94	1399559	10.0	9.30	
A 60 TVOC as Toluene	1	15.571	(4.348-26.795)		0	477223646	899.8	0	
61 4-Methyl-2-pentanone (MIBK)	43	15.807	15.807	0.000	97	1837045	10.0	11.2	
62 Toluene	92	16.197	16.197	0.000	93	1429292	10.0	8.28	
A 63 Toluene Range	1	16.205	(16.128-16.283)		0	5992347	NC	NC	
A 65 C8 Range	1	16.454	(16.385-16.524)		0	7093889	NC	NC	
64 n-Octane	43	16.454	16.454	0.000	95	2002292	10.0	11.0	
66 trans-1,3-Dichloropropene	75	16.599	16.599	0.000	97	1098553	10.0	9.44	
67 1,1,2-Trichloroethane	83	16.973	16.973	0.000	96	787984	10.0	8.73	
68 Tetrachloroethene	166	17.192	17.192	0.000	94	982825	10.0	7.27	
69 2-Hexanone	43	17.385	17.385	0.000	93	1752671	10.0	10.8	
70 Chlorodibromomethane	129	17.711	17.711	0.000	98	1351403	10.0	8.21	
71 Ethylene Dibromide	107	17.952	17.952	0.000	98	1323728	10.0	8.31	
* 73 Chlorobenzene-d5	117	18.867	18.867	0.000	89	2197172	10.0	10.0	
74 Chlorobenzene	112	18.926	18.926	0.000	92	1846897	10.0	8.09	
75 Ethylbenzene	91	19.124	19.124	0.000	99	3254155	10.0	8.75	
76 m-Xylene & p-Xylene	106	19.380	19.380	0.000	0	2370468	20.0	16.6	
77 n-Nonane	57	19.455	19.455	0.000	94	1808692	10.0	9.71	
S 80 Xylenes, Total	106				0		30.0	24.9	
78 o-Xylene	106	20.156	20.156	0.000	97	1159616	10.0	8.30	
79 Styrene	104	20.188	20.188	0.000	100	1952332	10.0	8.41	
81 Bromoform	173	20.525	20.525	0.000	94	1097668	10.0	7.85	
82 Isopropylbenzene	105	20.841	20.841	0.000	99	3489522	10.0	8.61	
83 1,1,2,2-Tetrachloroethane	83	21.344	21.344	0.000	97	2187854	10.0	9.01	
84 1,2,3-Trichloropropane	75	21.440	21.440	0.000	99	1640582	10.0	9.53	
85 N-Propylbenzene	91	21.552	21.552	0.000	98	4511521	10.0	9.15	
86 2-Chlorotoluene	91	21.697	21.697	0.000	97	2742385	10.0	9.04	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 4-Ethyltoluene	105	21.750	21.750	0.000	99	3435806	10.0	8.84	
88 1,3,5-Trimethylbenzene	105	21.841	21.841	0.000	92	2861023	10.0	8.81	
89 n-Decane	57	21.879	21.879	0.000	89	2382829	10.0	10.4	
90 Alpha Methyl Styrene	118	22.168	22.168	0.000	85	1511353	10.0	8.38	
91 tert-Butylbenzene	119	22.323	22.323	0.000	93	2704957	10.0	8.75	
92 1,2,4-Trimethylbenzene	105	22.408	22.408	0.000	99	2941832	10.0	8.99	
93 sec-Butylbenzene	105	22.644	22.644	0.000	99	4456357	10.0	9.24	
94 1,3-Dichlorobenzene	146	22.815	22.815	0.000	99	1895652	10.0	8.41	
95 4-Isopropyltoluene	119	22.858	22.858	0.000	97	3560348	10.0	8.89	
96 1,4-Dichlorobenzene	146	22.954	22.954	0.000	92	1885519	10.0	8.51	
97 Benzyl chloride	91	23.099	23.099	0.000	98	2965494	10.0	9.50	
98 n-Butylbenzene	91	23.414	23.414	0.000	98	3989973	10.0	9.77	
99 1,2-Dichlorobenzene	146	23.446	23.446	0.000	94	1841355	10.0	8.48	
100 Undecane	57	23.569	23.569	0.000	97	2831520	10.0	11.5	
101 Dodecane	57	25.158	25.158	0.000	96	2756509	10.0	11.7	
102 1,2,4-Trichlorobenzene	180	25.891	25.891	0.000	93	1512565	11.7	10.2	
103 Hexachlorobutadiene	225	26.148	26.148	0.000	95	1181515	11.2	8.80	
104 Naphthalene	128	26.373	26.373	0.000	98	3935472	11.9	12.3	
105 1,2,3-Trichlorobenzene	180	26.785	26.785	0.000	95	1435256	11.6	10.2	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL4w_00830

Amount Added: 200.00

Units: mL

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 28-Nov-2024 07:19:18

Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_002.D

Injection Date: 27-Nov-2024 07:59:08

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: ccvis

Worklist Smp#: 2

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

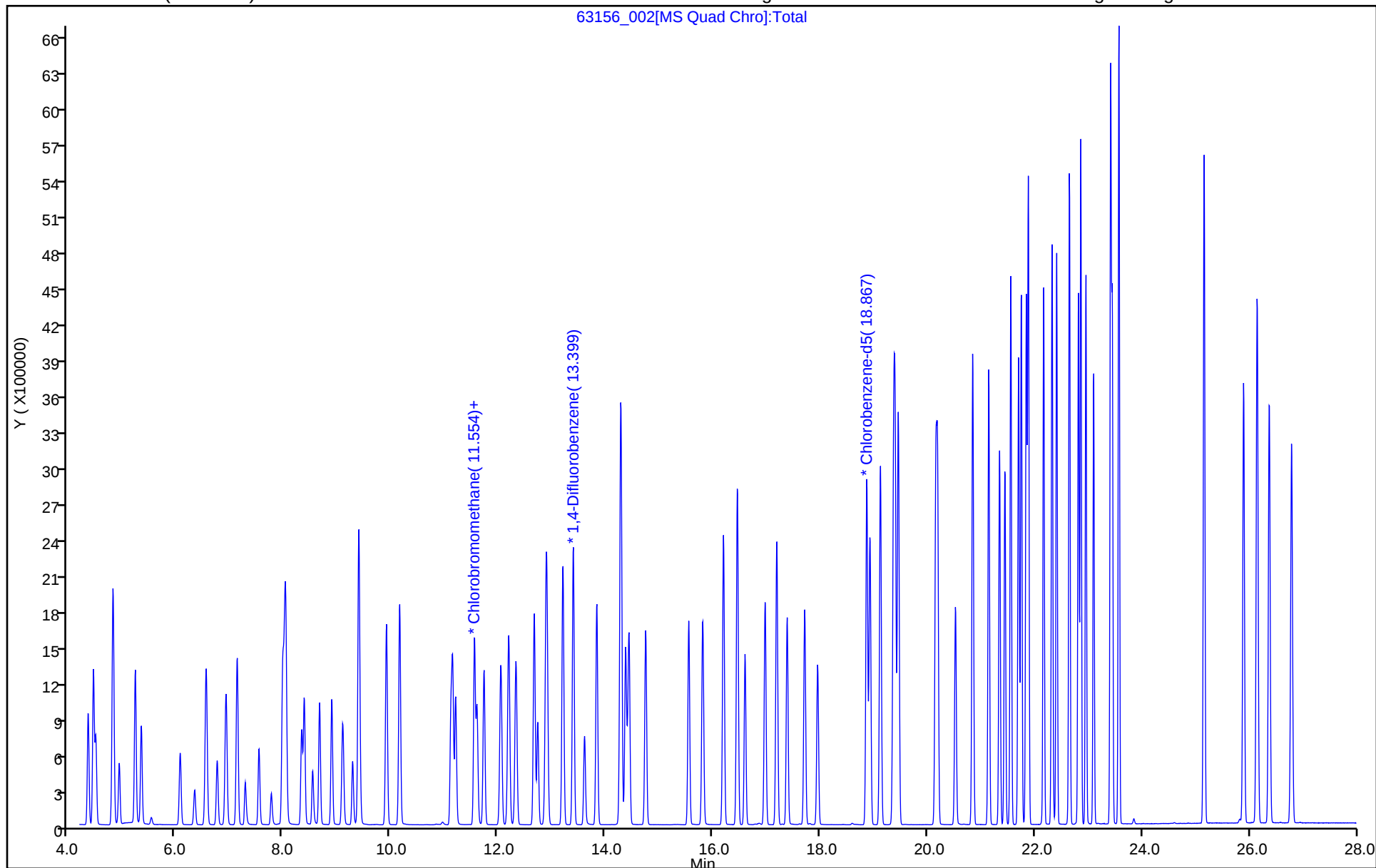
ALS Bottle#: 2

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington

Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_001.D

Lims ID: bfb

Client ID:

Sample Type: BFB

Inject. Date: 17-Nov-2024 12:31:07

ALS Bottle#: 0

Worklist Smp#: 1

Injection Vol: 200.0 mL

Dil. Factor: 1.0000

Sample Info: 200-0063017-001

Misc. Info.: bfb

Operator ID: wrd

Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\TO15_TO3_Master_Method_AN.m

Limit Group: AI_TO15_ICAL

Last Update: 18-Nov-2024 09:43:52

Calib Date: 17-Nov-2024 22:53:30

Integrator: RTE

ID Type: Deconvolution ID

Quant Method: Internal Standard

Quant By: Initial Calibration

Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_013.D

Column 1 : RTX-624 (0.32 mm)

Det: MS SCAN

Process Host: CTX1654

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
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11 BFB									
* 39 Chlorobromomethane	128		11.564				10.0	ND	
* 49 1,4-Difluorobenzene	114		13.404				10.0	ND	
* 73 Chlorobenzene-d5	117		18.872				10.0	ND	

Reagents:

ATTO15CISs_00012

Amount Added: 20.00

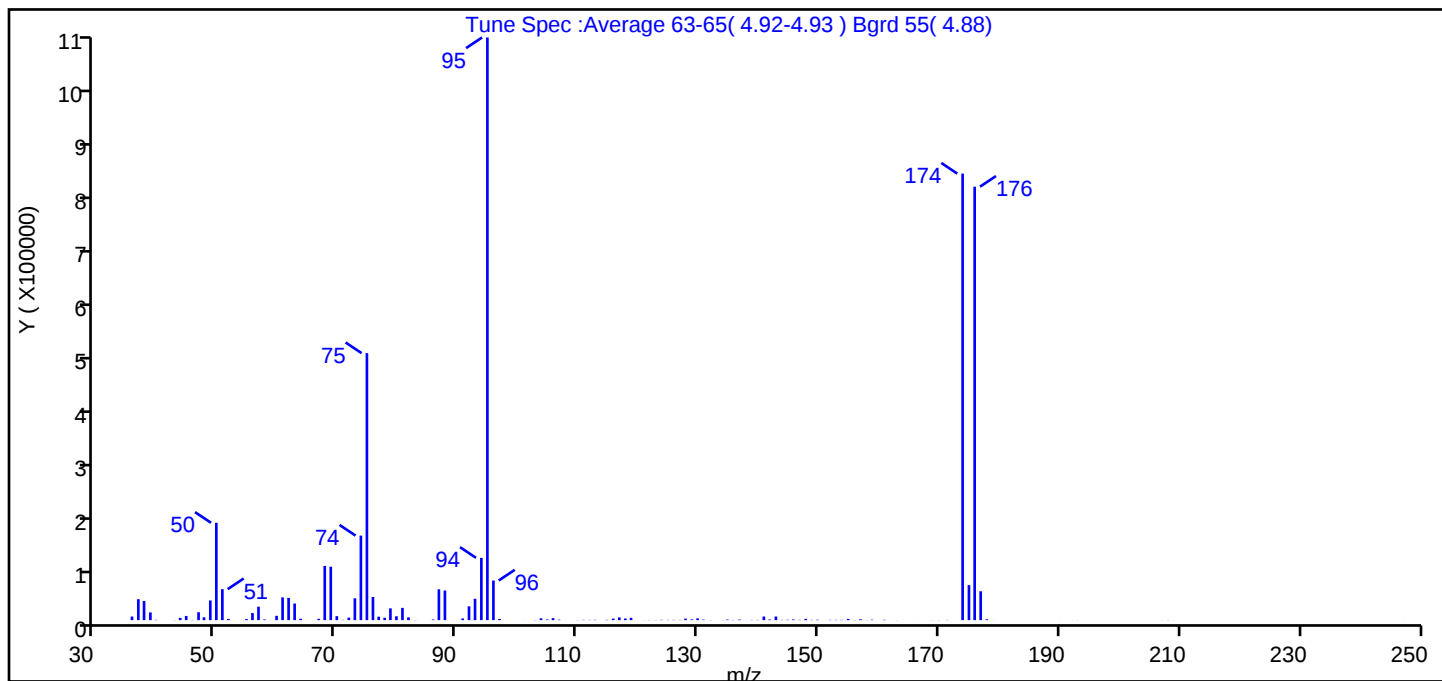
Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_001.D
Injection Date: 17-Nov-2024 12:31:07 Instrument ID: CHAN.i
Lims ID: bfb
Client ID:
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

11 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	16.7
75	30.0 to 66.0 Percent of m/e 95	45.8
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	76.6
175	4.0 to 9.0 Percent of m/e 174	6.0 (7.9)
176	93.0 to 101.0 Percent of m/e 174	74.4 (97.1)
177	5.0 to 9.0 Percent of m/e 176	5.0 (6.7)

Data File: \\chromfs\Burlington\ChromData\CHAN.\\20241116-63017.b\63017_001.D\TO15_TO3_Master_Method_A
Injection Date: 17-Nov-2024 12:31:07
Spectrum: Tune Spec :Average 63-65(4.92-4.93) Bgrd 55(4.88)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 133

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	6484	76.00	41720	119.00	4143	153.00	516
37.00	37688	77.00	6208	120.00	110	154.00	540
38.00	34552	78.00	4262	121.00	141	155.00	2215
39.00	13951	79.00	21200	122.00	291	156.00	290
40.00	603	80.00	6962	123.00	322	157.00	1550
43.00	204	81.00	22088	124.00	581	158.00	187
44.00	4039	82.00	5028	125.00	446	159.00	826
45.00	7518	83.00	221	126.00	493	161.00	716
46.00	358	86.00	1171	127.00	445	162.00	72
47.00	14244	87.00	55472	128.00	2729	163.00	149
48.00	5135	88.00	53328	129.00	1369	166.00	62
49.00	35416	90.00	63	130.00	3213	169.00	71
50.00	175232	91.00	3043	131.00	955	169.00	119
51.00	55760	92.00	24904	132.00	226	170.00	265
52.00	2186	93.00	38416	133.00	53	171.00	382
55.00	1990	94.00	112136	134.00	185	174.00	803584
56.00	12826	95.00	1048576	135.00	1117	175.00	63104
57.00	24208	96.00	71304	136.00	326	176.00	780032
58.00	1157	97.00	2127	137.00	1062	177.00	52008
59.00	119	101.00	71	138.00	102	178.00	1506
60.00	7792	103.00	286	139.00	394	179.00	111
61.00	40920	104.00	3309	140.00	400	190.00	58
62.00	40032	105.00	1195	141.00	6553	191.00	6
63.00	29904	106.00	3716	142.00	1138	192.00	66
64.00	2507	107.00	917	143.00	6520	193.00	110
67.00	2345	108.00	59	144.00	464	207.00	90
68.00	97544	110.00	229	145.00	678	208.00	209
69.00	96144	111.00	528	146.00	1253	209.00	62
70.00	7153	112.00	399	147.00	516	232.00	6
71.00	381	113.00	618	148.00	2295	247.00	60
72.00	4543	115.00	610	149.00	447	249.00	51
73.00	39344	116.00	2870	150.00	772		
74.00	152128	117.00	4958	151.00	68		

Report Date: 18-Nov-2024 09:43:52

Chrom Revision: 2.3 24-Sep-2024 15:19:46

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_001.D\TO15_TO3_Master_Method_A

Injection Date: 17-Nov-2024 12:31:07

Spectrum: Tune Spec :Average 63-65(4.92-4.93) Bgrd 55(4.88)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 133

m/z	Y	m/z	Y	m/z	Y	m/z	Y
75.00	480512	118.00	2917	152.00	500		

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_001.D

Injection Date: 17-Nov-2024 12:31:07 Instrument ID: CHAN.i Operator ID: wrd

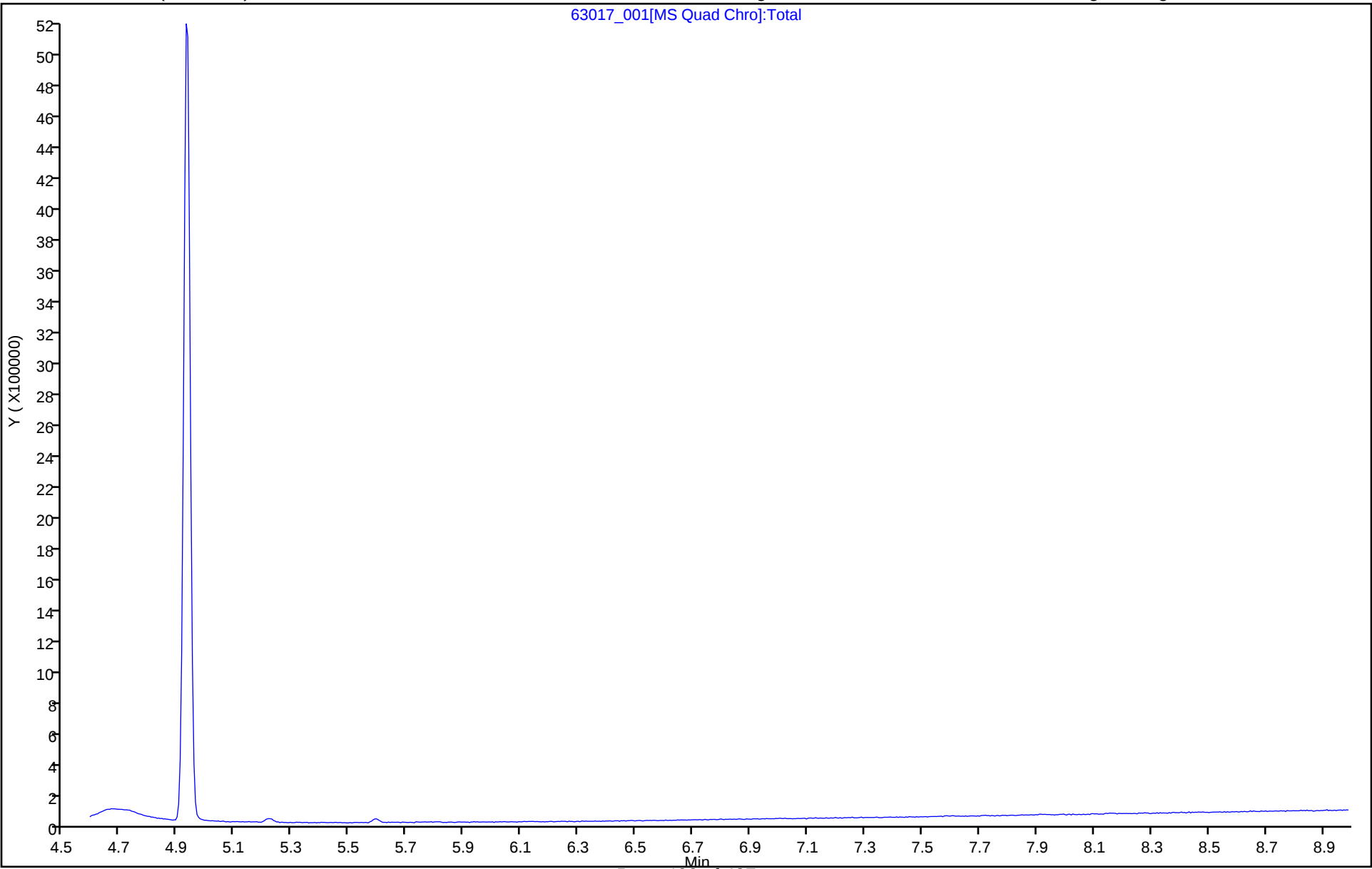
Lims ID: bfb Worklist Smp#: 1

Client ID:

Injection Vol: 200.0 mL Dil. Factor: 1.0000 ALS Bottle#: 0

Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington

Target Compound Quantitation Report

Data File:

\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_001.D

Lims ID:

bfb

Client ID:

Sample Type:

BFB

Inject. Date:

27-Nov-2024 07:11:51

ALS Bottle#:

1

Worklist Smp#:

1

Injection Vol:

200.0 mL

Dil. Factor:

1.0000

Sample Info:

200-0063156-001

Misc. Info.:

bfb

Operator ID:

wrd

Instrument ID:

CHAN.i

Method:

\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\TO15_TO3_Master_Method_AN.m

Limit Group:

AI_TO15_ICAL

Last Update:

27-Nov-2024 07:25:07

Calib Date:

17-Nov-2024 22:53:30

Integrator:

RTE

ID Type:

Deconvolution ID

Quant Method:

Internal Standard

Quant By:

Initial Calibration

Last ICal File:

\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_013.D

Column 1 :

RTX-624 (0.32 mm)

Det:

MS SCAN

Process Host:

CTX1658

First Level Reviewer: BKZ7

Date: 27-Nov-2024 07:25:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
----------	-----	--------------	------------------	------------------	---	----------	--------------------	----------------------	-------

11 BFB									
* 39 Chlorobromomethane	128		11.559				10.0	ND	
* 49 1,4-Difluorobenzene	114		13.399				10.0	ND	
* 73 Chlorobenzene-d5	117		18.867				10.0	ND	

QC Flag Legend

Processing Flags

Reagents:

ATTO15CISs_00012

Amount Added: 20.00

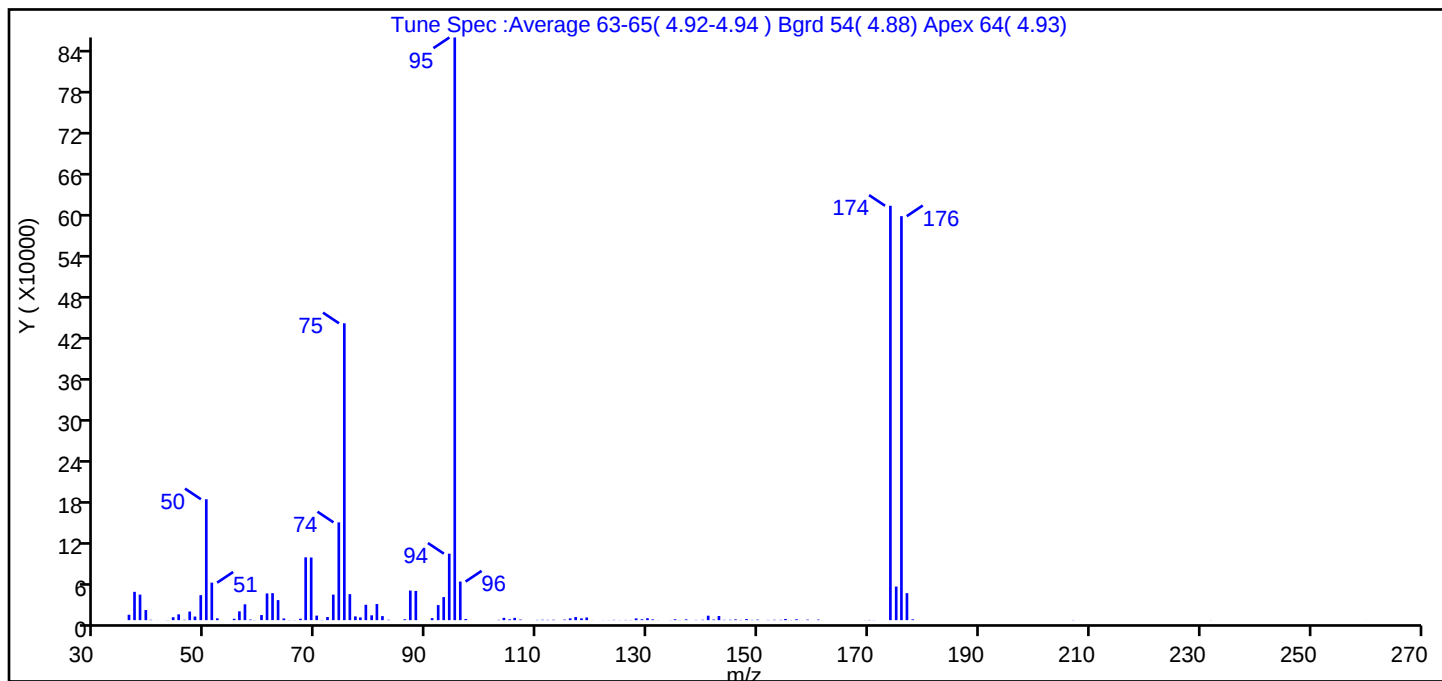
Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_001.D
Injection Date: 27-Nov-2024 07:11:51 Instrument ID: CHAN.i
Lims ID: bfb
Client ID:
Operator ID: wrd ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

11 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	20.7
75	30.0 to 66.0 Percent of m/e 95	50.9
96	5.0 to 9.0 Percent of m/e 95	6.6
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	71.1
175	4.0 to 9.0 Percent of m/e 174	5.8 (8.1)
176	93.0 to 101.0 Percent of m/e 174	69.3 (97.5)
177	5.0 to 9.0 Percent of m/e 176	4.6 (6.7)

Data File: \\chromfs\Burlington\ChromData\CHAN.\\20241127-63156.b\63156_001.D\TO15_TO3_Master_Method_A
Injection Date: 27-Nov-2024 07:11:51
Spectrum: Tune Spec :Average 63-65(4.92-4.94) Bgrd 54(4.88) Apex 64(4.93)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 120

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	7917	68.00	92008	106.00	3350	142.00	878
37.00	41472	69.00	91744	107.00	840	143.00	6100
38.00	37408	70.00	6637	110.00	367	144.00	425
39.00	14793	71.00	289	111.00	581	145.00	538
40.00	539	72.00	4596	112.00	434	146.00	1075
41.00	70	73.00	37392	113.00	625	147.00	328
42.00	29	74.00	143232	115.00	790	148.00	1600
43.00	182	75.00	434816	116.00	2639	149.00	384
44.00	4284	76.00	38096	117.00	4531	150.00	760
45.00	8526	77.00	5476	118.00	2633	152.00	305
46.00	569	78.00	4025	119.00	3878	153.00	560
47.00	12589	79.00	22496	120.00	112	154.00	488
48.00	5291	80.00	7057	122.00	127	155.00	1699
49.00	36584	81.00	23592	123.00	180	156.00	237
50.00	177088	82.00	5921	124.00	439	157.00	1263
51.00	54888	83.00	577	125.00	175	158.00	57
52.00	2598	86.00	1286	126.00	337	159.00	766
55.00	1997	87.00	43320	127.00	232	161.00	821
56.00	12893	88.00	42776	128.00	2564	169.00	131
57.00	23208	90.00	51	129.00	1239	170.00	302
58.00	891	91.00	2928	130.00	2833	171.00	181
59.00	209	92.00	22080	131.00	1072	174.00	606976
60.00	7479	93.00	33784	132.00	133	175.00	49192
61.00	39104	94.00	97344	134.00	223	176.00	591744
62.00	39536	95.00	853504	135.00	1242	177.00	39544
63.00	29352	96.00	56520	136.00	240	178.00	1142
64.00	2506	97.00	1674	137.00	1150	207.00	263
65.00	213	103.00	419	139.00	308	208.00	33
66.00	185	104.00	3391	140.00	575	232.00	124
67.00	2081	105.00	1221	141.00	6506	260.00	47

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_001.D

Injection Date: 27-Nov-2024 07:11:51

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: bfb

Worklist Smp#: 1

Client ID:

Injection Vol: 200.0 mL

Dil. Factor: 1.0000

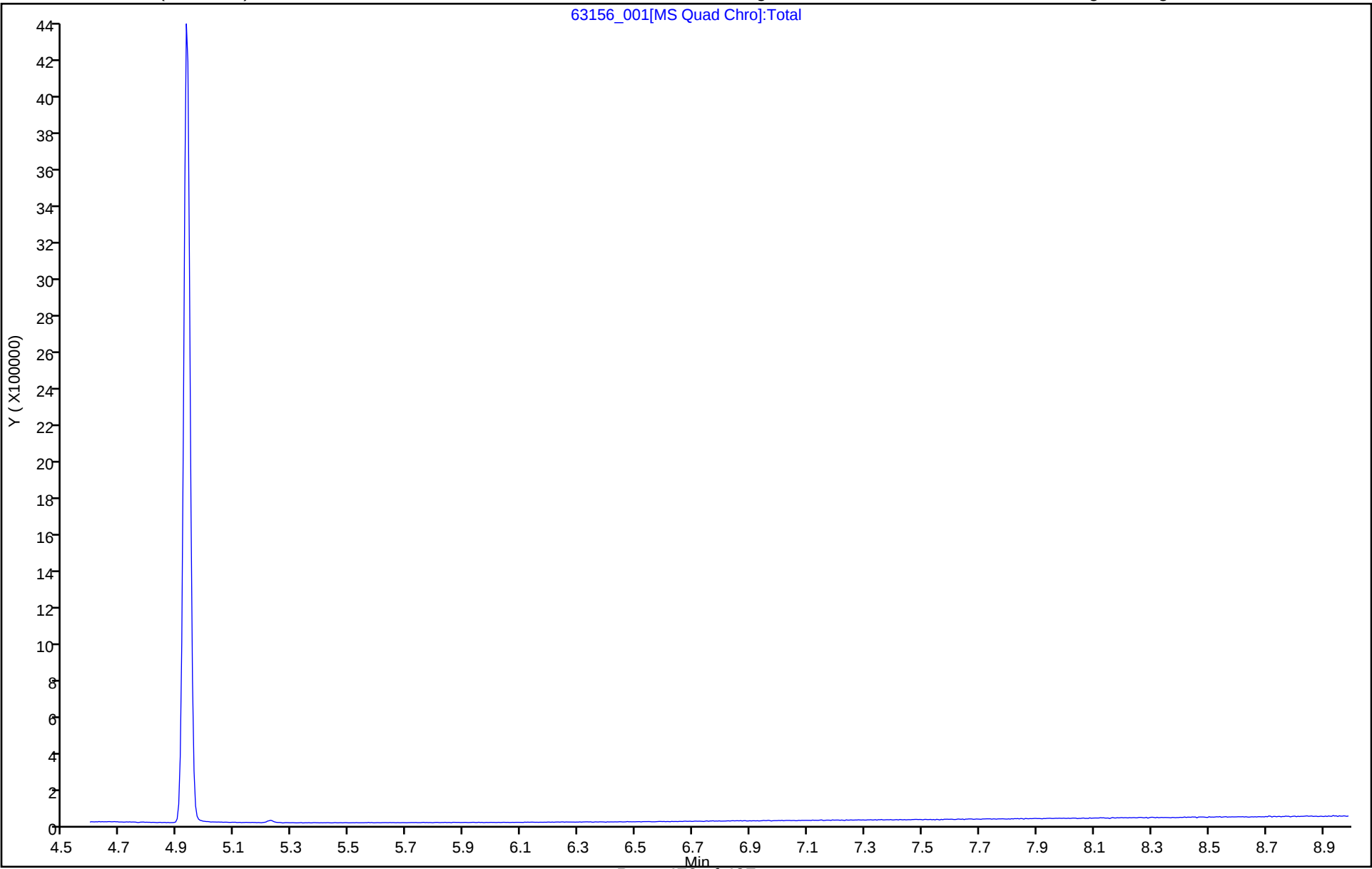
ALS Bottle#: 1

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-211470/5

Matrix: Air Lab File ID: 63156_005.D

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 10:33

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 211470 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.11
75-45-6	Freon 22	86.47	0.50	U	0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.15
106-97-8	n-Butane	58.12	0.50	U	0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	5.0	U	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	0.40	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-211470/5

Matrix: Air Lab File ID: 63156_005.D

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 10:33

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 211470 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.20	U	0.20	0.044
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.082
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	0.20	U	0.20	0.062
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.069
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.095
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.063
1330-20-7	Xylene (total)	106.17	0.70	U	0.70	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-211470/5
 Matrix: Air Lab File ID: 63156_005.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 10:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061
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
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-211470/5

Matrix: Air Lab File ID: 63156_005.D

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 10:33

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 211470 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.54
75-45-6	Freon 22	86.47	1.8	U	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.31
106-97-8	n-Butane	58.12	1.2	U	1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	12	U	12	3.8
67-63-0	Isopropyl alcohol	60.10	12	U	12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	1.6	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-211470/5

Matrix: Air Lab File ID: 63156_005.D

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 10:33

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 211470 Units: ug/m3

Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	0.64	U	0.64	0.14
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	0.30
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	0.75	U	0.75	0.23
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.30
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.41
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.27
1330-20-7	Xylene (total)	106.17	3.0	U	3.0	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-211470/5
 Matrix: Air Lab File ID: 63156_005.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 10:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ug/m3
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_005.D
 Lims ID: mb
 Client ID:
 Sample Type: MB
 Inject. Date: 27-Nov-2024 10:33:52 ALS Bottle#: 5 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0063156-005
 Operator ID: wrd Instrument ID: CHAN.i
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 28-Nov-2024 07:19:18 Calib Date: 17-Nov-2024 22:53:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: YWL8

Date: 28-Nov-2024 07:20:34

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		4.358					ND	7
2 Dichlorodifluoromethane	85		4.455					ND	
3 Chlorodifluoromethane	51		4.497					ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.818					ND	7
5 Chloromethane	50		4.936					ND	7
6 Vinyl chloride	62		5.230					ND	
7 Butane	43		5.236					ND	7
8 Butadiene	54		5.348					ND	7
9 Bromomethane	94		6.070					ND	
10 Chloroethane	64		6.343					ND	
12 2-Methylbutane	43		6.552					ND	7
13 Vinyl bromide	106		6.760					ND	
14 Trichlorofluoromethane	101		6.926					ND	
15 Pentane	43		7.135					ND	7
16 Ethanol	45		7.285					ND	
18 Ethyl ether	59		7.541					ND	
19 Acrolein	56		7.771					ND	
20 1,1-Dichloroethene	96		7.980					ND	MU
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.023					ND	
22 Acetone	43		8.044					ND	7
23 Isopropyl alcohol	45		8.333					ND	7
24 Carbon disulfide	76		8.387					ND	7
25 Acetonitrile	41		8.542					ND	7
26 3-Chloro-1-propene	41		8.670					ND	7
27 Methylene Chloride	49		8.895					ND	7
28 2-Methyl-2-propanol	59		9.098					ND	
29 Acrylonitrile	53		9.285					ND	
30 trans-1,2-Dichloroethene	61		9.398					ND	
31 Methyl tert-butyl ether	73		9.403					ND	7
32 Hexane	57		9.917					ND	7
33 1,1-Dichloroethane	63		10.157					ND	
34 Vinyl acetate	43		10.163					ND	7

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
S 35 1,2-Dichloroethene, Total	61		10.200					ND	7
36 2-Butanone (MEK)	72		11.115					ND	
37 cis-1,2-Dichloroethene	96		11.153					ND	7
38 Ethyl acetate	88		11.206					ND	
* 39 Chlorobromomethane	128	11.559	11.554	0.005	99	499321	10.0	10.0	
40 Tetrahydrofuran	42		11.602					ND	7
41 Chloroform	83		11.736					ND	
42 1,1,1-Trichloroethane	97		12.046					ND	7
43 Cyclohexane	84		12.196					ND	
44 Carbon tetrachloride	117		12.329					ND	
45 Benzene	78		12.672					ND	7
46 1,2-Dichloroethane	62		12.736					ND	
47 Isooctane	57		12.897					ND	
48 n-Heptane	43		13.207					ND	7
* 49 1,4-Difluorobenzene	114	13.400	13.399	0.001	96	2464682	10.0	10.0	
50 n-Butanol	56		13.608					ND	7
51 Trichloroethene	95		13.838					ND	
A 52 GRO	1	14.215	(6.542-21.889)		0	7615432		0	
53 1,2-Dichloropropane	63		14.282					ND	
54 Methyl methacrylate	69		14.373					ND	
55 1,4-Dioxane	88		14.411					ND	
57 Dibromomethane	174		14.437					ND	MU
58 Dichlorobromomethane	83		14.748					ND	
59 cis-1,3-Dichloropropene	75		15.550					ND	
A 60 TVOC as Toluene	1	15.571	(4.348-26.795)		0	7728762		0	
61 4-Methyl-2-pentanone (MIBK)	43		15.807					ND	7
62 Toluene	92		16.197					ND	7
A 63 Toluene Range	1	16.205	(16.128-16.283)		0	13734		NC	
A 65 C8 Range	1	16.454	(16.385-16.524)		0	11035		NC	
64 n-Octane	43		16.454					ND	7
66 trans-1,3-Dichloropropene	75		16.599					ND	
67 1,1,2-Trichloroethane	83		16.973					ND	
68 Tetrachloroethene	166		17.192					ND	
69 2-Hexanone	43		17.385					ND	7
70 Chlorodibromomethane	129		17.711					ND	
71 Ethylene Dibromide	107		17.952					ND	
* 73 Chlorobenzene-d5	117	18.867	18.867	0.000	89	2127634	10.0	10.0	
74 Chlorobenzene	112		18.926					ND	
75 Ethylbenzene	91		19.124					ND	
76 m-Xylene & p-Xylene	106		19.380					ND	
77 n-Nonane	57		19.455					ND	
S 80 Xylenes, Total	106		20.100					ND	7
78 o-Xylene	106		20.156					ND	
79 Styrene	104		20.188					ND	
81 Bromoform	173		20.525					ND	
82 Isopropylbenzene	105		20.841					ND	7
83 1,1,2,2-Tetrachloroethane	83		21.344					ND	7
84 1,2,3-Trichloropropane	75		21.440					ND	
85 N-Propylbenzene	91		21.552					ND	7
86 2-Chlorotoluene	91		21.697					ND	7
87 4-Ethyltoluene	105		21.750					ND	7
88 1,3,5-Trimethylbenzene	105		21.841					ND	7

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 n-Decane	57		21.879					ND	
90 Alpha Methyl Styrene	118		22.168					ND	
91 tert-Butylbenzene	119		22.323					ND	7
92 1,2,4-Trimethylbenzene	105		22.408					ND	7
93 sec-Butylbenzene	105		22.644					ND	7
94 1,3-Dichlorobenzene	146		22.815					ND	7
95 4-Isopropyltoluene	119		22.858					ND	7
96 1,4-Dichlorobenzene	146		22.954					ND	7
97 Benzyl chloride	91		23.099					ND	7
98 n-Butylbenzene	91		23.414					ND	7
99 1,2-Dichlorobenzene	146		23.446					ND	7
100 Undecane	57		23.569					ND	7
101 Dodecane	57		25.158					ND	7
102 1,2,4-Trichlorobenzene	180		25.891					ND	7
103 Hexachlorobutadiene	225		26.148					ND	
104 Naphthalene	128		26.373					ND	7
105 1,2,3-Trichlorobenzene	180		26.785					ND	7
109 Chlorotrifluoroethene TIC	1		0.000					ND	
110 Difluoroethane TIC	1		0.000					ND	
111 Total Alkanes TIC	1		0.000					ND	
112 Freon 115 TIC	1		0.000					ND	
113 1,1,1-Trifluoro-2,2-dichloroetha	1		0.000					ND	
114 Methylcyclohexane	83		0.000					ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

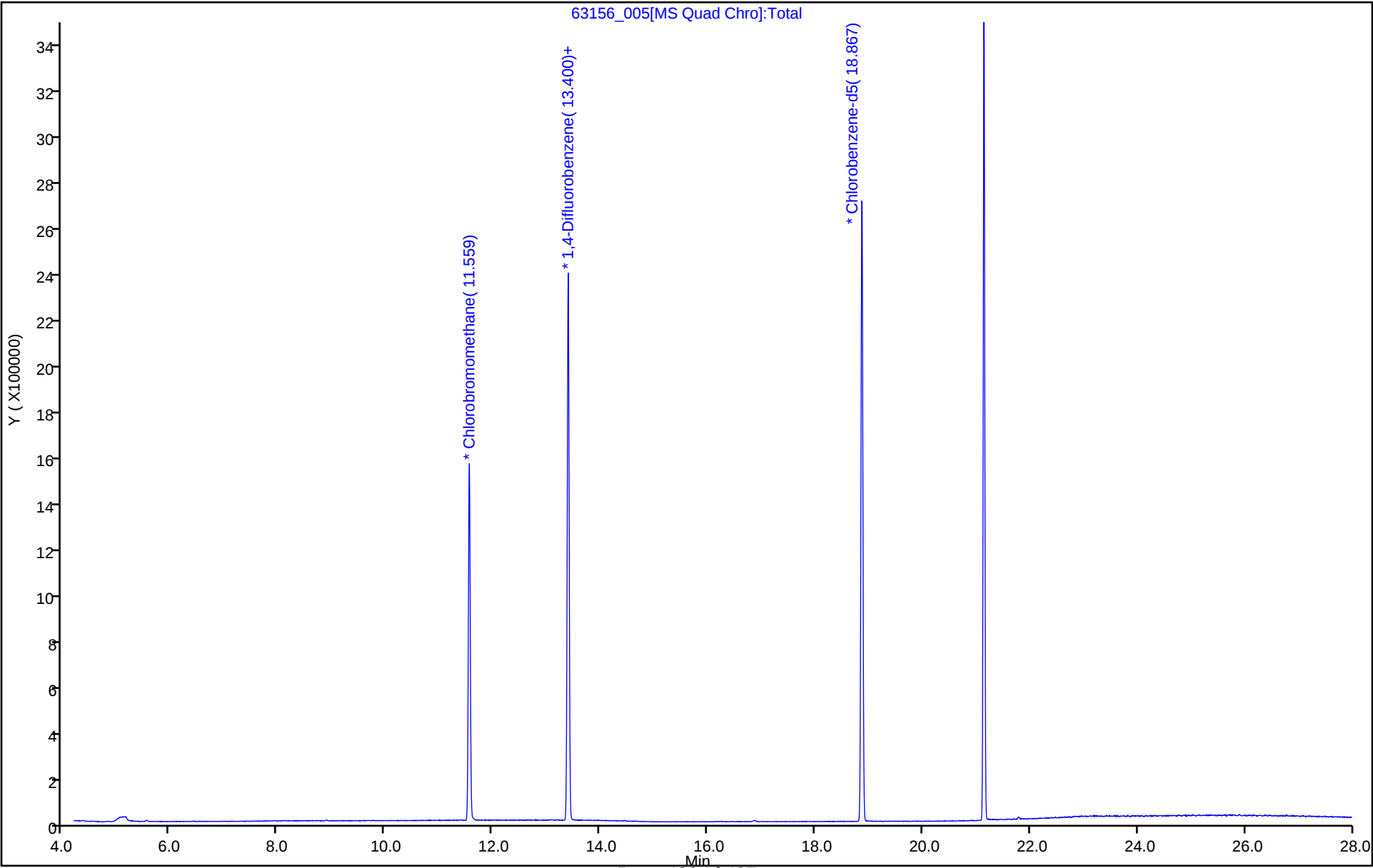
Reagents:

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_005.D

Injection Date: 27-Nov-2024 10:33:52

Instrument ID: CHAN.i

Lims ID: mb

Client ID:

Operator ID: wrd

ALS Bottle#:

5

Worklist Smp#: 5

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_Master_Method_AN

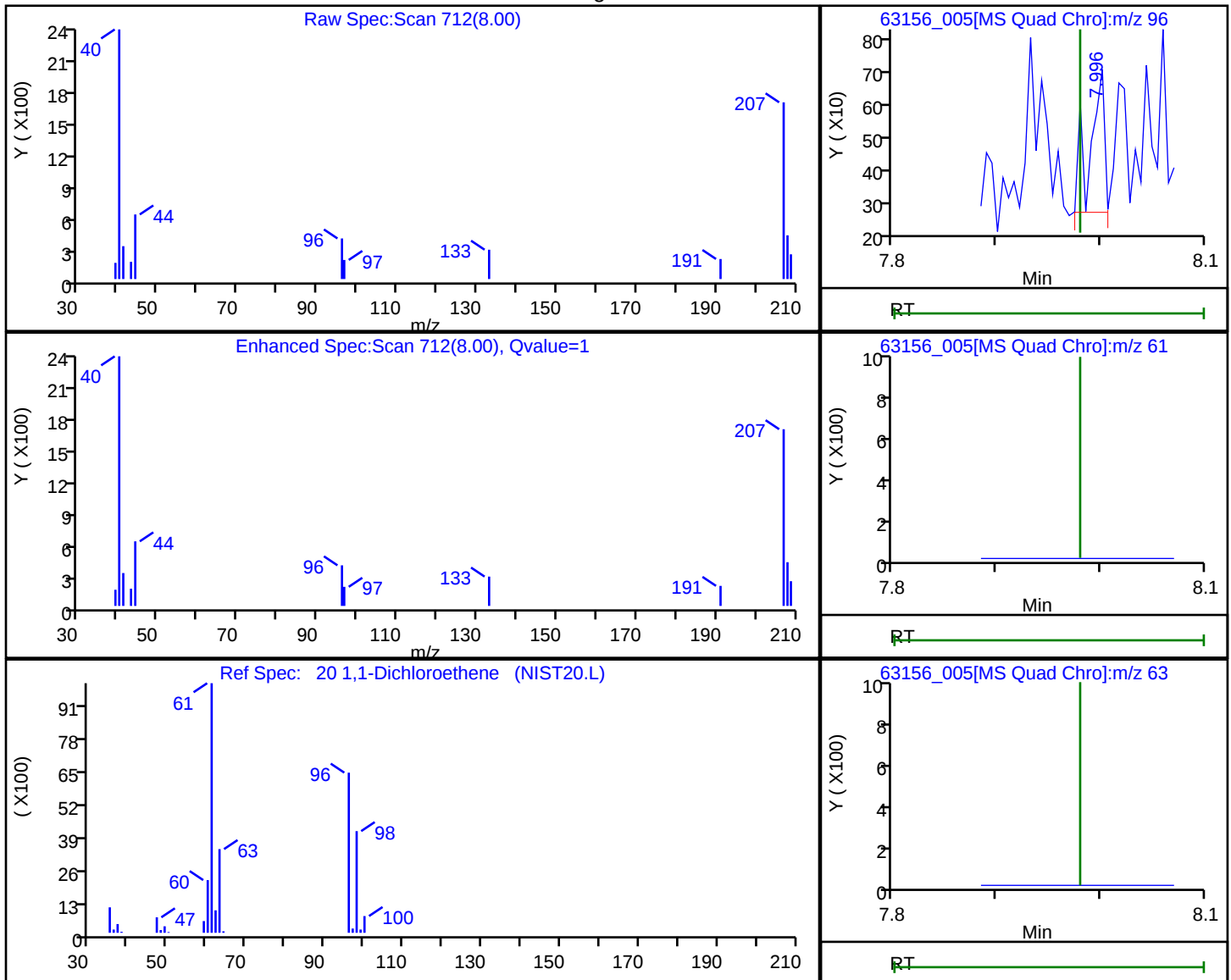
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
8.00	96.00	416	0.005288
7.98	61.00	0	
7.98	63.00	0	

Reviewer: BKZ7, 27-Nov-2024 12:25:06 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 200-211470/3

Matrix: Air Lab File ID: 63156_003.D

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 08:50

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 211470 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	9.97		0.50	0.11
75-45-6	Freon 22	86.47	11.2		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	9.57		0.20	0.048
74-87-3	Chloromethane	50.49	11.1		0.50	0.15
106-97-8	n-Butane	58.12	11.0		0.50	0.20
75-01-4	Vinyl chloride	62.50	8.62		0.078	0.021
106-99-0	1,3-Butadiene	54.09	8.87		0.20	0.039
74-83-9	Bromomethane	94.94	8.61		0.20	0.071
75-00-3	Chloroethane	64.52	9.51		0.50	0.18
593-60-2	Bromoethene (Vinyl Bromide)	106.96	8.28		0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	8.89		0.20	0.050
76-13-1	Freon TF	187.38	8.55		0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	7.88		0.035	0.026
67-64-1	Acetone	58.08	11.7		5.0	1.6
67-63-0	Isopropyl alcohol	60.10	13.1		5.0	1.6
75-15-0	Carbon disulfide	76.14	9.33		0.50	0.13
107-05-1	3-Chloropropene	76.53	10.7		0.50	0.12
75-09-2	Methylene Chloride	84.93	10.7		0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	10.5		5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	9.48		0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	9.46		0.20	0.023
110-54-3	n-Hexane	86.17	9.78		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	9.51		0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	9.48		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	8.32		0.050	0.021
540-59-0	1,2-Dichloroethene, Total	96.94	17.8		0.40	0.021
67-66-3	Chloroform	119.38	9.30		0.20	0.041
109-99-9	Tetrahydrofuran	72.11	11.3		5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	9.04		0.20	0.044
110-82-7	Cyclohexane	84.16	8.82		0.20	0.058

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 200-211470/3

Matrix: Air Lab File ID: 63156_003.D

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 08:50

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 211470 Units: ppb v/v

Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	8.46		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	9.85		0.20	0.038
71-43-2	Benzene	78.11	8.99		0.20	0.044
107-06-2	1,2-Dichloroethane	98.96	10.0		0.20	0.093
142-82-5	n-Heptane	100.21	10.5		0.20	0.055
79-01-6	Trichloroethene	131.39	8.47		0.035	0.025
80-62-6	Methyl methacrylate	100.12	9.51		0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	9.60		0.20	0.094
123-91-1	1,4-Dioxane	88.11	9.06		5.0	0.082
75-27-4	Bromodichloromethane	163.83	9.30		0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	9.32		0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	11.1		0.50	0.13
108-88-3	Toluene	92.14	8.61		0.20	0.062
10061-02-6	trans-1,3-Dichloropropene	110.97	9.42		0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	8.99		0.20	0.074
127-18-4	Tetrachloroethene	165.83	7.43		0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10.9		0.50	0.15
124-48-1	Dibromochloromethane	208.28	8.32		0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	8.53		0.20	0.042
108-90-7	Chlorobenzene	112.56	8.31		0.20	0.044
100-41-4	Ethylbenzene	106.17	8.93		0.20	0.069
179601-23-1	m,p-Xylene	106.17	17.0		0.50	0.095
95-47-6	o-Xylene	106.17	8.49		0.20	0.063
1330-20-7	Xylene (total)	106.17	25.5		0.70	0.052
100-42-5	Styrene	104.15	8.53		0.20	0.059
75-25-2	Bromoform	252.75	7.95		0.20	0.12
98-82-8	Cumene	120.19	8.72		0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.10		0.20	0.043
103-65-1	n-Propylbenzene	120.19	9.18		0.20	0.047
622-96-8	4-Ethyltoluene	120.20	8.89		0.20	0.049

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 200-211470/3
 Matrix: Air Lab File ID: 63156_003.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 08:50
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	8.84		0.20	0.047
95-49-8	2-Chlorotoluene	126.59	9.11		0.20	0.046
98-06-6	tert-Butylbenzene	134.22	8.72		0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	8.99		0.20	0.080
135-98-8	sec-Butylbenzene	134.22	9.19		0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	8.84		0.20	0.061
541-73-1	1,3-Dichlorobenzene	147.00	8.31		0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	8.41		0.20	0.089
100-44-7	Benzyl chloride	126.58	9.40		0.20	0.088
104-51-8	n-Butylbenzene	134.22	9.64		0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	8.39		0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	10.3		0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	8.68		0.20	0.11
91-20-3	Naphthalene	128.17	12.4		0.50	0.30

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_003.D
 Lims ID: lcs
 Client ID:
 Sample Type: LCS
 Inject. Date: 27-Nov-2024 08:50:28 ALS Bottle#: 3 Worklist Smp#: 3
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0063156-003
 Operator ID: wrd Instrument ID: CHAN.i
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 28-Nov-2024 07:19:18 Calib Date: 17-Nov-2024 22:53:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20241116-63017.b\63017_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: BKZ7

Date: 27-Nov-2024 09:58:37

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	4.353	4.358	-0.005	98	764813	10.0	12.4	
2 Dichlorodifluoromethane	85	4.455	4.455	0.000	99	1841201	10.0	9.97	
3 Chlorodifluoromethane	51	4.497	4.497	0.000	97	1331089	10.0	11.2	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.818	4.818	0.000	99	1998595	10.0	9.57	
5 Chloromethane	50	4.936	4.936	0.000	99	825881	10.0	11.1	
6 Vinyl chloride	62	5.230	5.230	0.000	100	784483	10.0	8.62	
7 Butane	43	5.236	5.236	0.000	99	1198083	10.0	11.0	
8 Butadiene	54	5.348	5.348	0.000	93	588198	10.0	8.87	
11 BFB									
9 Bromomethane	94	6.070	6.070	0.000	99	641924	10.0	8.61	
10 Chloroethane	64	6.343	6.343	0.000	100	421865	10.0	9.51	
12 2-Methylbutane	43	6.552	6.552	0.000	95	1015220	10.0	10.4	
13 Vinyl bromide	106	6.760	6.760	0.000	99	598263	10.0	8.28	
14 Trichlorofluoromethane	101	6.926	6.926	0.000	98	1519674	10.0	8.89	
15 Pentane	43	7.135	7.135	0.000	97	1507118	10.0	10.8	
16 Ethanol	45	7.285	7.285	0.000	98	572167	15.0	15.6	
18 Ethyl ether	59	7.541	7.541	0.000	96	555191	10.0	9.64	
19 Acrolein	56	7.771	7.771	0.000	96	346242	10.0	11.9	
20 1,1-Dichloroethene	96	7.980	7.980	0.000	94	668227	10.0	7.88	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.023	8.023	0.000	92	1380140	10.0	8.55	
22 Acetone	43	8.044	8.044	0.000	98	1189778	10.0	11.7	
23 Isopropyl alcohol	45	8.333	8.333	0.000	99	1495290	10.0	13.1	
24 Carbon disulfide	76	8.387	8.387	0.000	99	2126159	10.0	9.33	
25 Acetonitrile	41	8.542	8.542	0.000	100	648988	10.0	11.5	
26 3-Chloro-1-propene	41	8.670	8.670	0.000	93	1044869	10.0	10.7	
27 Methylene Chloride	49	8.895	8.895	0.000	98	908307	10.0	10.7	
28 2-Methyl-2-propanol	59	9.104	9.098	0.006	100	1561247	10.0	10.5	
29 Acrylonitrile	53	9.285	9.285	0.000	94	572578	10.0	10.4	
30 trans-1,2-Dichloroethene	61	9.398	9.398	0.000	95	1068266	10.0	9.46	
31 Methyl tert-butyl ether	73	9.403	9.403	0.000	98	1982875	10.0	9.48	
32 Hexane	57	9.917	9.917	0.000	94	1211482	10.0	9.78	
33 1,1-Dichloroethane	63	10.157	10.157	0.000	99	1390396	10.0	9.51	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.163	10.163	0.000	100	2013223	10.0	13.8	
S 35 1,2-Dichloroethene, Total	61				0		20.0	17.8	
36 2-Butanone (MEK)	72	11.120	11.115	0.005	100	390445	10.0	9.48	
37 cis-1,2-Dichloroethene	96	11.153	11.153	0.001	96	757198	10.0	8.32	
38 Ethyl acetate	88	11.206	11.206	0.000	99	63267	10.0	9.11	
* 39 Chlorobromomethane	128	11.559	11.554	0.005	99	538060	10.0	10.0	
40 Tetrahydrofuran	42	11.602	11.602	0.000	95	942374	10.0	11.3	
41 Chloroform	83	11.736	11.736	0.000	96	1473149	10.0	9.30	
42 1,1,1-Trichloroethane	97	12.046	12.046	0.000	98	1369114	10.0	9.04	
43 Cyclohexane	84	12.196	12.196	0.000	97	960491	10.0	8.82	
44 Carbon tetrachloride	117	12.329	12.329	0.000	97	1325729	10.0	8.46	
45 Benzene	78	12.672	12.672	0.000	97	2296385	10.0	8.99	
46 1,2-Dichloroethane	62	12.736	12.736	0.000	94	947741	10.0	10.0	
47 Isooctane	57	12.902	12.897	0.005	99	3907357	10.0	9.85	
48 n-Heptane	43	13.207	13.207	0.000	95	1500926	10.0	10.5	
* 49 1,4-Difluorobenzene	114	13.399	13.399	0.000	96	2625348	10.0	10.0	
50 n-Butanol	56	13.608	13.608	0.000	89	617716	10.0	10.0	
51 Trichloroethene	95	13.838	13.838	0.000	95	963834	10.0	8.47	
A 52 GRO	1	14.215	(6.542-21.889)		0	335675959	649.9	0	
53 1,2-Dichloropropane	63	14.288	14.282	0.006	80	950645	10.0	9.60	
54 Methyl methacrylate	69	14.373	14.373	0.000	94	874428	10.0	9.51	
55 1,4-Dioxane	88	14.416	14.411	0.005	96	496593	10.0	9.06	
57 Dibromomethane	174	14.443	14.437	0.006	92	748344	10.0	7.66	
58 Dichlorobromomethane	83	14.748	14.748	0.000	98	1618732	10.0	9.30	
59 cis-1,3-Dichloropropene	75	15.550	15.550	0.000	93	1536132	10.0	9.32	
A 60 TVOC as Toluene	1	15.571	(4.348-26.795)		0	515000424	899.8	0	
61 4-Methyl-2-pentanone (MIBK)	43	15.812	15.807	0.005	97	1984218	10.0	11.1	
62 Toluene	92	16.197	16.197	0.000	93	1589599	10.0	8.61	
A 63 Toluene Range	1	16.205	(16.128-16.283)		0	6556859	NC	NC	
A 65 C8 Range	1	16.454	(16.385-16.524)		0	7650828	NC	NC	
64 n-Octane	43	16.460	16.454	0.006	94	2142870	10.0	10.8	
66 trans-1,3-Dichloropropene	75	16.599	16.599	0.000	96	1200718	10.0	9.42	
67 1,1,2-Trichloroethane	83	16.973	16.973	0.000	96	867131	10.0	8.99	
68 Tetrachloroethene	166	17.192	17.192	0.000	94	1074410	10.0	7.43	
69 2-Hexanone	43	17.385	17.385	0.000	93	1887841	10.0	10.9	
70 Chlorodibromomethane	129	17.711	17.711	0.000	98	1464777	10.0	8.32	
71 Ethylene Dibromide	107	17.952	17.952	0.000	98	1453210	10.0	8.53	
* 73 Chlorobenzene-d5	117	18.872	18.867	0.005	89	2350129	10.0	10.0	
74 Chlorobenzene	112	18.931	18.926	0.005	92	2030169	10.0	8.31	
75 Ethylbenzene	91	19.124	19.124	0.000	99	3554654	10.0	8.93	
76 m-Xylene & p-Xylene	106	19.386	19.380	0.006	0	2593705	20.0	17.0	
77 n-Nonane	57	19.455	19.455	0.000	93	1965148	10.0	9.86	
S 80 Xylenes, Total	106				0		30.0	25.5	
78 o-Xylene	106	20.156	20.156	0.000	97	1269143	10.0	8.49	
79 Styrene	104	20.188	20.188	0.000	99	2116725	10.0	8.53	
81 Bromoform	173	20.525	20.525	0.000	94	1188660	10.0	7.95	
82 Isopropylbenzene	105	20.846	20.841	0.005	99	3777794	10.0	8.72	
83 1,1,2,2-Tetrachloroethane	83	21.344	21.344	0.000	97	2361576	10.0	9.10	
84 1,2,3-Trichloropropane	75	21.446	21.440	0.006	100	1765409	10.0	9.59	
85 N-Propylbenzene	91	21.553	21.552	0.000	98	4843962	10.0	9.18	
86 2-Chlorotoluene	91	21.697	21.697	0.000	96	2955349	10.0	9.11	
87 4-Ethyltoluene	105	21.750	21.750	0.000	99	3692738	10.0	8.89	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 1,3,5-Trimethylbenzene	105	21.841	21.841	0.000	92	3072364	10.0	8.84	
89 n-Decane	57	21.879	21.879	0.000	89	2561336	10.0	10.5	
90 Alpha Methyl Styrene	118	22.168	22.168	0.000	85	1622851	10.0	8.41	
91 tert-Butylbenzene	119	22.323	22.323	0.000	93	2883619	10.0	8.72	
92 1,2,4-Trimethylbenzene	105	22.408	22.408	0.000	99	3147351	10.0	8.99	
93 sec-Butylbenzene	105	22.644	22.644	0.000	99	4738882	10.0	9.19	
94 1,3-Dichlorobenzene	146	22.815	22.815	0.000	99	2002695	10.0	8.31	
95 4-Isopropyltoluene	119	22.858	22.858	0.000	97	3785742	10.0	8.84	
96 1,4-Dichlorobenzene	146	22.954	22.954	0.000	92	1994412	10.0	8.41	
97 Benzyl chloride	91	23.099	23.099	0.000	98	3137179	10.0	9.40	
98 n-Butylbenzene	91	23.414	23.414	0.000	98	4209535	10.0	9.64	
99 1,2-Dichlorobenzene	146	23.446	23.446	0.000	97	1947497	10.0	8.39	
100 Undecane	57	23.569	23.569	0.000	97	2979207	10.0	11.3	
101 Dodecane	57	25.158	25.158	0.000	97	2921986	10.0	11.6	
102 1,2,4-Trichlorobenzene	180	25.891	25.891	0.000	93	1634226	10.0	10.3	
103 Hexachlorobutadiene	225	26.143	26.148	-0.005	95	1247465	10.0	8.68	
104 Naphthalene	128	26.367	26.373	-0.006	98	4260022	10.0	12.4	
105 1,2,3-Trichlorobenzene	180	26.785	26.785	0.000	94	1551004	10.0	10.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15LCSW_00881

Amount Added: 200.00

Units: mL

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 28-Nov-2024 07:20:13

Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20241127-63156.b\63156_003.D

Injection Date: 27-Nov-2024 08:50:28

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: lcs

Worklist Smp#: 3

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

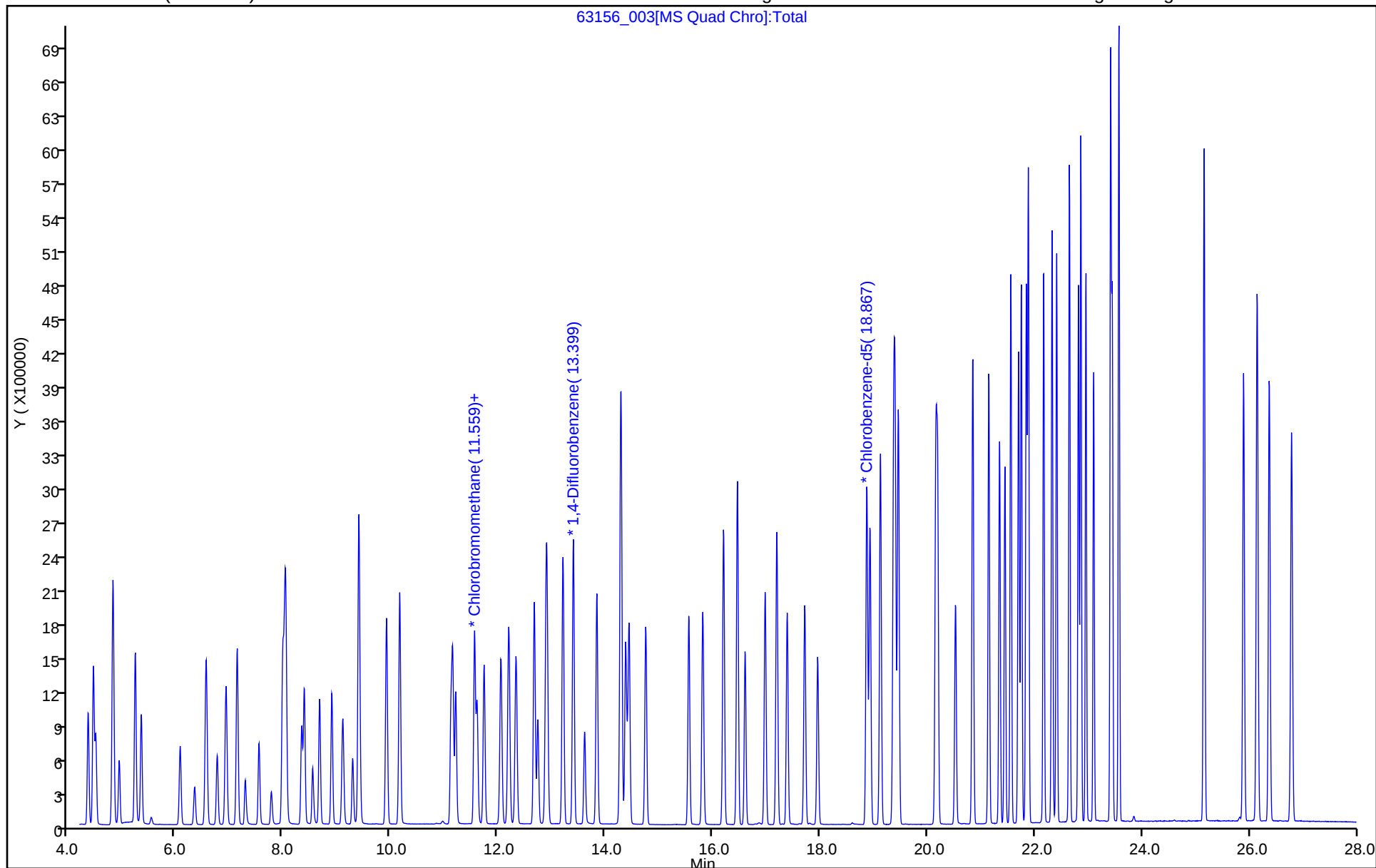
ALS Bottle#: 3

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins BurlingtonJob No.: 200-76025-1

SDG No.: _____

Instrument ID: CHAN.iStart Date: 11/17/2024 12:31Analysis Batch Number: 211118End Date: 11/18/2024 08:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-211118/1		11/17/2024 12:31	1	63017_001.D	RTX-624 0.32 (mm)
IC 200-211118/4		11/17/2024 15:08	1	63017_004.D	RTX-624 0.32 (mm)
IC 200-211118/5		11/17/2024 16:00	1	63017_005.D	RTX-624 0.32 (mm)
IC 200-211118/6		11/17/2024 16:52	1	63017_006.D	RTX-624 0.32 (mm)
IC 200-211118/7		11/17/2024 17:43	1	63017_007.D	RTX-624 0.32 (mm)
ICIS 200-211118/8		11/17/2024 18:35	1	63017_008.D	RTX-624 0.32 (mm)
IC 200-211118/10		11/17/2024 20:18	1	63017_010.D	RTX-624 0.32 (mm)
IC 200-211118/12		11/17/2024 22:01	1	63017_012.D	RTX-624 0.32 (mm)
IC 200-211118/13		11/17/2024 22:53	1	63017_013.D	RTX-624 0.32 (mm)
ZZZZZ (Client)		11/18/2024 02:20	1		RTX-624 0.32 (mm)
ICV 200-211118/21		11/18/2024 08:32	1	63017_021.D	RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins BurlingtonJob No.: 200-76025-1

SDG No.: _____

Instrument ID: CHAN.iStart Date: 11/27/2024 07:11Analysis Batch Number: 211470End Date: 11/28/2024 06:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-211470/1		11/27/2024 07:11	1	63156_001.D	RTX-624 0.32 (mm)
CCVIS 200-211470/2		11/27/2024 07:59	1	63156_002.D	RTX-624 0.32 (mm)
LCS 200-211470/3		11/27/2024 08:50	1	63156_003.D	RTX-624 0.32 (mm)
MB 200-211470/5		11/27/2024 10:33	1	63156_005.D	RTX-624 0.32 (mm)
ZZZZZ (Client)		11/27/2024 11:25	1		RTX-624 0.32 (mm)
ZZZZZ (Client)		11/27/2024 12:17	1		RTX-624 0.32 (mm)
ZZZZZ (Client)		11/27/2024 13:08	28.6		RTX-624 0.32 (mm)
ZZZZZ (Client)		11/27/2024 14:00	400		RTX-624 0.32 (mm)
ZZZZZ (Client)		11/27/2024 14:51	1		RTX-624 0.32 (mm)
ZZZZZ (Client)		11/27/2024 15:43	1		RTX-624 0.32 (mm)
ZZZZZ (Client)		11/27/2024 16:35	1		RTX-624 0.32 (mm)
200-76025-5	TB_20241126	11/27/2024 17:26	1	63156_013.D	RTX-624 0.32 (mm)
ZZZZZ (Client)		11/27/2024 18:18	1		RTX-624 0.32 (mm)
200-76025-1	SVE-INF_20241126	11/27/2024 19:09	40	63156_015.D	RTX-624 0.32 (mm)
ZZZZZ (Client)		11/27/2024 20:01	1		RTX-624 0.32 (mm)
ZZZZZ (Client)		11/27/2024 20:53	2.5		RTX-624 0.32 (mm)
200-76025-2	SVE-INT_20241126	11/27/2024 21:45	1	63156_018.D	RTX-624 0.32 (mm)
ZZZZZ (Client)		11/27/2024 22:36	1		RTX-624 0.32 (mm)
200-76025-3	SVE-EFF_20241126	11/27/2024 23:28	1	63156_020.D	RTX-624 0.32 (mm)
ZZZZZ (Client)		11/28/2024 00:20	1		RTX-624 0.32 (mm)
200-76025-4	SVE-X_20241126	11/28/2024 01:11	1	63156_022.D	RTX-624 0.32 (mm)
ZZZZZ (Client)		11/28/2024 02:03	1		RTX-624 0.32 (mm)
ZZZZZ (Client)		11/28/2024 02:55	1		RTX-624 0.32 (mm)
ZZZZZ (Client)		11/28/2024 03:46	1		RTX-624 0.32 (mm)
ZZZZZ (Client)		11/28/2024 04:38	1		RTX-624 0.32 (mm)
ZZZZZ (QC)		11/28/2024 05:29	1		RTX-624 0.32 (mm)
ZZZZZ (Client)		11/28/2024 06:21	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Batch Number: 211118 Batch Start Date: 11/17/24 12:31 Batch Analyst: Bourdeau, Timothy PBatch Method: TO-15 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ATTO15CAL1w 00272	ATTO15CAL3w 00282	ATTO15CAL4w 00830	ATTO15CAL6w 00238
BFB 200-211118/1		TO-15			200 mL	200 mL				
IC 200-211118/4		TO-15			200 mL	200 mL	35 mL			
IC 200-211118/5		TO-15			200 mL	200 mL	170 mL			
IC 200-211118/6		TO-15			200 mL	200 mL		17 mL		
IC 200-211118/7		TO-15			200 mL	200 mL		170 mL		
ICIS 200-211118/8		TO-15			200 mL	200 mL			200 mL	
IC 200-211118/10		TO-15			200 mL	200 mL				150 mL
IC 200-211118/12		TO-15			200 mL	200 mL				200 mL
IC 200-211118/13		TO-15			200 mL	200 mL				
ICV 200-211118/21		TO-15			200 mL	200 mL				

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ATTO15CAL7w 00149	ATTO15CISs 00012	ATTO15LCSW 00881			
BFB 200-211118/1		TO-15				20 mL				
IC 200-211118/4		TO-15				20 mL				
IC 200-211118/5		TO-15				20 mL				
IC 200-211118/6		TO-15				20 mL				
IC 200-211118/7		TO-15				20 mL				
ICIS 200-211118/8		TO-15				20 mL				
IC 200-211118/10		TO-15				20 mL				
IC 200-211118/12		TO-15				20 mL				
IC 200-211118/13		TO-15			200 mL	20 mL				
ICV 200-211118/21		TO-15				20 mL	200 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

Page 1 of 2

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Batch Number: 211118 Batch Start Date: 11/17/24 12:31 Batch Analyst: Bourdeau, Timothy P

Batch Method: TO-15 Batch End Date: _____

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.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1

SDG No.: _____

Batch Number: 211470 Batch Start Date: 11/27/24 07:11 Batch Analyst: Puangmalee, Kesanee 1Batch Method: TO-15 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ATTO15CAL4w 00830	ATTO15CISS 00012	ATTO15LCSW 00881	
BFB 200-211470/1		TO-15			200 mL	200 mL		20 mL		
CCVIS 200-211470/2		TO-15			200 mL	200 mL	200 mL	20 mL		
LCS 200-211470/3		TO-15			200 mL	200 mL		20 mL	200 mL	
MB 200-211470/5		TO-15			200 mL	200 mL		20 mL		
200-76025-A-5	TB_20241126	TO-15	Air	T	200 mL	200 mL		20 mL		
200-76025-A-1	SVE-INF_20241126	TO-15	Air	T	5 mL	200 mL		20 mL		
200-76025-A-2	SVE-INT_20241126	TO-15	Air	T	200 mL	200 mL		20 mL		
200-76025-A-3	SVE-EFF_20241126	TO-15	Air	T	200 mL	200 mL		20 mL		
200-76025-A-4	SVE-X_20241126	TO-15	Air	T	200 mL	200 mL		20 mL		

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.

Shipping and Receiving Documents

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.



200-76025 Chain of Custody

ing

CA[illegible]

ORIGIN ID AIVA (646) 630-1481
ALAY SINGH

4732 32ND PLACE
SUITE 1141
LONG ISLAND CITY NY 11101
UNITED STATES US

SHIP DATE 26NOV24
ACTWGT 5.00 LB
CAD 112977992INET4535

BILL RECIPIENT

TO **SAMPLING RECEIVING BVT**

TESTAMERICA
530 COMMUNITY DR STE 11

SOUTH BURLINGTON VT 05403
REF (802) 923-1026

PO INV DEPT



WED - 27 NOV 10:30A

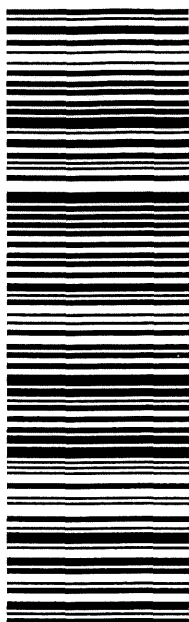
PRIORITY OVERNIGHT

TRK# 7702 6033 6495
0201

05403

NX BTVA

VT-US BTV



After printing this label

CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH

- 1 Fold the printed page along the horizontal line
- 2 Place label in shipping pouch and affix it to your shipment

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on [fedex.com](https://www.fedex.com). FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 200-76025-1

Login Number: 76025

List Source: Eurofins Burlington

List Number: 1

Creator: Reynolds, Jamie K

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
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.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
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.	N/A	
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

**DATA USABILITY SUMMARY REPORT – DUSR
DATA VALIDATION SUMMARY**

**ORGANIC ANALYSIS
EPA Compendium Method TO-15
VOLATILES BY GC/MS**

**For Soil Vapor and Ambient Air Samples Collected
November 26, 2024
From 975 Nostrand Avenue, Brooklyn, New York
Project No. 210225
Collected by AKRF, Inc.**

**SAMPLE DELIVERY GROUP NUMBER: 200-76025-1
Eurofins (Burlington, VT.)
[ELAP #10391]**

SUBMITTED TO:

**Mr. Tim Larigan
AKRF, Inc.
440 Park Avenue South, 7th Floor
New York, NY 10016**

**cc: Mr. Ashutosh Sharma/AKRF, Inc.
Mr. Axel Schwendt/AKRF, Inc.**

January 09, 2025

PREPARED BY:

**Lori A. Beyer/President
L.A.B. Validation Corp.
14 West Point Drive
East Northport, NY 11731**

Lori A. Beyer

975 Nostrand Avenue, Brooklyn, New York; November 2024 Sampling Event.
Data Validation Report: Volatile Organics - Air

Table of Contents:

Introduction
Data Qualifier Definitions
Sample Receipt

- 1.0 Volatile Organics by GC/MS EPA Compendium Method TO-15
 - 1.1 Holding Time
 - 1.2 Matrix Spikes (MS), Matrix Spike Duplicate (MSD), Field Duplicate
 - 1.3 Laboratory Control Sample
 - 1.4 Blank Contamination
 - 1.5 GC/MS Instrument Performance Check
 - 1.6 Initial and Continuing Calibrations
 - 1.7 Internal Standards
 - 1.8 Target Compound List Identification
 - 1.9 Tentatively Identified Compounds
 - 1.10 Compound Quantification and Reported Detection Limits
 - 1.11 Overall System Performance

APPENDICES:

- A. Chain of Custody Document and Sample Receipt Checklist
- B. Case Narrative
- C. Data Summary Form Is with Qualifications

Introduction:

A validation was performed on four (4) soil vapor and one (1) ambient air sample for Volatile Organic analysis collected by AKRF, Inc. in Tedlar Bags and submitted to Eurofins Laboratories, (Burlington, VT) for subsequent analysis under chain of custody documentation. This report contains the laboratory and validation results for the field samples itemized below. The samples were collected on November 26, 2024.

The samples were analyzed by Eurofins Burlington utilizing EPA Method TO-15 and in accordance with NYSDEC Analytical Services Protocol (2005) and submitted under NYSDEC ASP Category B equivalent deliverable requirements for the associated analytical methodology employed. The analytical testing consisted of the selected TO-15 Target Compound List (TCL) of analytes for Volatile Organics listed in Appendix C.

The data was evaluated in accordance with the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (Publication 9240.1-05), EPA SOP #HW31 (Revision 6) and in conjunction with the analytical methodology for which the samples were analyzed, where applicable and relevant. The data validation report pertains to the following air samples:

Sample Identification	Laboratory Identification	Sample Matrix	Collection Date
SVE-INF 20241126	200-76025-1	Soil Vapor	11/26/2024
SVE-INT 20241126	200-76025-2	Soil Vapor	11/26/2024
SVE-EFF 20241126	200-76025-3	Soil Vapor	11/26/2024
SVE-X 20241126 [Field Duplicate of SVE-EFF 20241126]	200-76025-4	Soil Vapor	11/26/2024
SVE-TB 20241126	200-76025-5	Ambient Air	11/26/2024

Data Qualifier Definitions:

The following definitions provide brief explanations of the qualifiers assigned to results in the data review process.

U - The analyte was analyzed for but was not detected above the reported sample quantitation limit.

J - The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

J+ - The result is an estimated quantity, but the result may be biased high. (Equis qualified, JK)

J- - The result is an estimated quantity, but the result may be biased low. (Equis qualified, JL)

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the Associated numerical value represents its approximate concentration.

UJ - The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R - The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

D - Analyte concentration was obtained from diluted analysis.

Sample Receipt:

The Chain of Custody document from November 26, 2024, indicates that the air samples were shipped via Federal Express to Eurofins Burlington and received on November 27, 2024, following completion of the sampling event. Sample login notes and the chain of custody indicate that at the Validated Time of Sample Receipt (VTSR) no discrepancies were noted. .

The data summary Form I's included in Appendix C includes all usable (qualified) and unusable (rejected) results for the samples identified above. The Form I's summarize the detailed narrative section of the report. All data validation qualifications have been reported on the Form I's for ease of review and verification and in the Equis file.

NOTE:

L.A.B. Validation Corp. believes it is appropriate to note that the data validation criteria utilized for data evaluation is different than the method requirements utilized by the laboratory. Qualified data does not necessarily mean that the laboratory was non-compliant in the analysis that was performed.

1.0 Volatile Organics by EPA Compendium Method TO-15

The following method criteria were reviewed: holding times, LCS, Blanks, Tunes, Calibrations, Internal Standards, Target Component Identification and Quantitation, Reported Quantitation Limits and Overall System Performance. The volatile results were valid and useable as noted on the data summary Form I's in Appendix C and within the following text:

1.1 Holding Time

The amount of analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J." The non-detects (sample quantitation limits) are required to be flagged as estimated, "J," or unusable, "R," if the holding times are grossly exceeded.

Air samples were performed within the method and technical required holding times of three (3) days; 72 hours from collection for Tedlar air samples. No qualifications were required based upon holding time criteria.

1.2 Matrix Spikes (MS)/ Matrix Spike Duplicates (MSD)/Field Duplicate Analysis

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices.

Matrix Spike/Matrix Spike Duplicate analysis was not performed on samples pertaining to this SDG. The laboratory performed an LCS in lieu of MS/MSD which is acceptable per the methodology.

Field Duplicate analysis was performed on SVE-EFF_20241126 as SVE-X_20241126. Both samples were analyzed undiluted at 200mls. Summary of detections are listed below:

Analyte	SVE-EFF_20241126 (concentration in ug/m3)	SVE-X_20241126 (concentration in ug/m3)
Dichlorodifluoromethane	2.3	2.3
Chloromethane	0.39 J	0.44 J
n-Butane	5.5	5.6
Trichlorofluoromethane	0.99 J	0.99 J
Isopropyl Alcohol	12 U	6.1 J
Benzene	0.35 J	0.43 J
4-Methyl-2-Pentanone	6.0	22
Toluene	10	6.0
Tetrachloroethene	2.4	3.1
Cumene	0.21 J	0.38 J
1,2,4-Trimethylbenzene	0.98 U	0.44 J

EPA Region II SOP HW-31 states that professional judgement should be utilized where RPD is >50%. The detected concentrations for 4-Methyl-2-Pentanone have been qualified, "J" in the parent and field duplicate. No additional qualifiers were applied based on these detections.

1.3 Laboratory Control Sample

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance. The following table summarizes the LCS criteria and the data qualification guidelines for all associated field samples.

LCS	NOT QUALIFIED	J	R
% Recovery:			
Detects	70-130%	<70%, >130%	
Non-Detects	>=130%	50-69%	<50%
Absolute RT of LCS Compounds:			
LCS Compounds in samples RT: (min)	+/-0 .33		>/=0.33

Acceptable LCS was analyzed for this sampling event. Recovery values for all spiked compounds were determined to be >70 %-< 130% for all reported analytes. No qualifiers were required.

1.4 Blank Contamination

Quality assurance (QA) blanks, i.e., method, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations. Storage blanks measure cross-contamination during sample storage of the field samples and are not required for TO15 analysis. Canister blanks measure cross-contamination from the sampling media. The following table was utilized to qualify target analyte results due to method blank contamination. The largest value of all the associated blanks is required to be utilized. The largest value of all the associated blanks is required to be utilized:

Blank Type	Blank Result	Sample Result	Action for Samples
Method, Storage, field, Trip, Instrument	Detects	Not Detected	No qualification required
	<CRQL*	<CRQL*	Report CRQL value with a U
		>= CRQL* and <2x the CRQL**	No qualification required
	>CRQL*	<= CRQL*	Report CRQL value with a U
		>= CRQL* and <= blank concentration	Report blank value for sample concentration with a U
		>= CRQL* and > blank concentration	No qualification required
	=CRQL*	<= CRQL*	Report CRQL value with a U
		>CRQL*	No qualification required
	Gross Contamination**	Detects	Report blank value for sample concentration with a U

*2x the CRQL for methylene chloride, 2-butanone, and acetone.

**4x the CRQL for methylene chloride, 2-butanone, and acetone

***Qualifications based on instrument blank results affect only the sample analyzed immediately after the sample that has target compounds that exceed the calibration range or non-target compounds that exceed high calibration standard.

The table below is utilized to qualify samples with target compound results also present in certification blanks:

***Certification blanks are not applicable to Tedlar Bag samples.

Contamination Type/Level	Canister Cleaning Result	Sample Result	Action for Samples
Clean Canister Analysis (Or Trip Blank)	Detects	Analytes found in clean canister analysis are non-detect	N qualification required.
	<CRQL	<CRQL	Report CRQL value with a U
		>= CRQL and <2x the CRQL	Report concentration of sample with a U
		>= CRQL	No qualification required
	>CRQL	<CRQL	Report CRQL value with a U
		>= CRQL and <= Clean Canister Value	Report clean canister value with a U
		>= CRQL and >Clean Canister value	No qualification required
	=CRQL	<= CRQL	Report CRQL value with a U
		>CRQL	No qualification required

Below is a summary of the compounds in the sample and the associated qualifications that have been applied:

A) **Method Blank Contamination:**

No target compounds were detected in the method blanks.

B) **Field Blank Contamination:**

Field Blank analysis was not required.

C) Trip Blank Contamination:

The Trip Blank was determined to contain contaminants as follows:

Analyte	Conc ug/m3
Acetone	7.7
Carbon Disulfide	3.2
Methylene Chloride	1.8
n-Hexane	0.38 J
n-Heptane	0.34 J
Methyl Isobutyl Ketone	5.6
Toluene	5.2
m,p-Xylene	0.50 J
o-Xylene	0.27 J
Xylene (total)	0.75 J

Sample results were evaluated based on the above criteria and reported detections in samples were negated, "U" as follows:

SVE-INT_20241126 – n-Hexane, n-Heptane, m,p-Xylene, o-Xylene, Xylene (total), Acetone, Carbon Disulfide, and Methylene Chloride.

SVE-EFF_20241126 – n-Hexane, n-Heptane, m,p-Xylene, Xylene (total), Acetone, Carbon Disulfide, and Methylene Chloride.

SVE-X_20241126 - n-Hexane, n-Heptane, m,p-Xylene, o-Xylene, Xylene (total), Acetone, Carbon Disulfide, and Methylene Chloride.

1.5 GC/MS Instrument Performance Check

GC/MS tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The Tuning standard for volatile organics is Bromofluorobenzene (BFB).

Instrument performance was generated within acceptable limits and frequency (24 hours) for Bromofluorobenzene (BFB) for all analyses.

1.6 Initial and Continuing Calibrations

Satisfactory instrument calibration is established to ensure that the instrument can produce acceptable quantitative data. An initial calibration demonstrates that the instrument can give acceptable performance at the beginning of an experimental sequence. The GC/MS must be calibrated at 5 concentrations that span the monitoring range of interest in an initial calibration sequence to determine the sensitivity and the linearity of the GC/MS response for the target compounds.

The continuing calibration checks support that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factor for all compounds must be ≥ 0.05 in both initial and continuing calibrations. A value < 0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J." All non-detects for that compound in the corresponding samples will be rejected, "R."

The following compounds can be >0.01 without qualification:

2-Butanone
Carbon Disulfide
Chloroethane
Chloromethane
1,2-Dibromoethane
1,2-Dichloropropane
1,4-Dioxane
1,2-Dibromo-3-chloropropane
Methylene Chloride

The response factors for the target analytes reported were found to be within acceptable limits (≥ 0.05) [or ≥ 0.01 for the 9 compounds above], for the initial and continuing calibrations.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentrations. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. The percentage RSD must be $<30\%$ (with poor responding compounds allowed to be up to 40%) and %D must be $<30\%$. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ." If %RSD and %D grossly exceed QC criteria ($>90\%$), non-detect data may be qualified, "R", unusable. Additionally, in cases where the %RSD is $>30\%$ and eliminating either the high or the low point of the curve does not restore the %RSD to less than or equal to 30% then positive results are qualified, "J". In cases where removal of either the low or high point restores the linearity, then only low or high-level results will be qualified, "J" in the portion of the curve where non-linearity exists.

Initial Calibrations: The initial calibration provided and the %RSD were within acceptable limits (30%) for all target compounds. Initial calibration verification met acceptance criteria for all reported compounds.

Continuing Calibrations: The continuing calibrations provided and the %D were within acceptable limits (30%) for all target compounds.

1.7 Internal Standards

Internal Standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by (-60% to $+140\%$) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than ± 20 seconds from the associated continuing calibration standard. If the area count is outside the (-60% to $+140\%$) range of the associated standard, all the positive results for compounds quantitated using that IS are qualified as biased high, estimated, "J+", and all non-detects as "R." If an internal standard retention time varies by more than 20 seconds, professional judgment will be used to determine either partial or total rejection of the data for that sample fraction.

Internal Standard area responses met QC requirements for all analysis.

1.8 Target Compound List Identification

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within ± 0.06 RRT units of the standard compound and have an ion spectrum which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound.

GC/MS spectra met the qualitative criteria for identification. All retention times were within required specifications.

1.9 Tentatively Identified Compounds (TICs)

When reported, the identification must be considered tentative (both quantitative and qualitative) due to the lack of required compound specific response factors. Consequently, all concentrations should be considered estimated, "J" and because of the qualitative uncertainty should be qualified, "N" where an identification has been made.

TICs were not required. Sample chromatograms do not demonstrate any significant non-target presence.

1.10 Compound Quantification and Reported Detection Limits

GC/MS quantitative analysis is acceptable. Correct internal standards and response factors and air volumes were used to calculate final concentrations.

Sample results have been presented in ug/m³ as well as ppbv in the laboratory package. The Equis deliverable is presented in ug/m³. Samples were analyzed undiluted except for SVE-INF_20241126 which was analyzed at reduced volume (5mls) resulting in a 1:40 dilution. Reporting limits have been adjusted accordingly. There is potential that lower-level detections were lost in the dilution that was required to obtain Tetrachloroethene within the instrument's linear calibration range.

1.11 Overall System Performance

GC/MS analytical methodology was acceptable for this analysis. The data reported agrees with the raw data provided in the final report. The laboratory provided a complete data package and reported all data using acceptable protocols and laboratory qualifiers as defined in the report package.

Reviewer's Signature

Yon A. Bay

Date

01/09/2025

**Appendix A
Chain of Custody Document
And Sample Receipt Checklist**

NYC
222

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11

South Burlington, VT 05403-6809
Phone 802.680.1990 fax 802.680.1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these sample

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200-76025 Chain of Custody

ica

Client Contact Information		Client Project Manager: Tim Laigan		Samples Collected By: MDAHS		COC No		of 1 COCs															
Company Name: AWR		Phone:				TALS Project #																	
Address: 410 PARK AVENUE		Email: T.Laigan@AWR.COM				For Lab Use Only:																	
City/State/Zip: NY NY		Site Contact:				Walk-In Client:																	
Phone:		Tel/Fax:				Lab Sampling																	
FAX:		Analysis Turnaround Time				Job / SDG No																	
Project Name: 925 MOSHMAN		Standard (Specific): STANDARD				(See below for Add'l Items)																	
Site/Location: 925 MOSHMAN		Rush (Specify):																					
PO #: 210225																							
Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 30	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	
SVE-INF-20241126	11/26/24	12:30	-	-	-	-	-	-	X	X													
SVE-INT-20241126	12/4/24	12:45	-	-	-	-	-	-	X	X													
SVE-EFF-20241125	11/25/24	13:00	-	-	-	-	-	-	X	X													
SVE-X-20241126	11/26/24	12:00	-	-	-	-	-	-	X	X													
TB-20241126	11/26/24	-	-	-	-	-	-	-	X	X													
Special Instructions/QC Requirements & Comments:																							
AWR EQUIS, A/O ICA, Teller bags																							
Samples Shipped by: Mike Bots (AWR)		Date / Time: 11/26/24 17:00		Samples Received by:		Date / Time: 11/27/24 10:10		Received by:		Date / Time: 11/27/24 10:10		Received by:		Date / Time:		Condition:							
Samples Relinquished by:		Date / Time:		Date / Time:		Date / Time:		Date / Time:		Date / Time:		Date / Time:		Date / Time:		Date / Time:		Date / Time:		Date / Time:		Date / Time:	
Relinquished by:		Date / Time:		Date / Time:		Date / Time:		Date / Time:		Date / Time:		Date / Time:		Date / Time:		Date / Time:		Date / Time:		Date / Time:		Date / Time:	
Lab Use Only:		Shipper Name:		Opened by:		Condition:																	

**Appendix B
Case Narrative**

CASE NARRATIVE

Client: AKRF Inc

Project: 975 Nostrand Avenue, Brooklyn (Air)

Report Number: 200-76025-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 11/27/2024 10:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANICS (AMBIENT AIR)

Samples SVE-INF_20241126 (200-76025-1), SVE-INT_20241126 (200-76025-2), SVE-EFF_20241126 (200-76025-3), SVE-X_20241126 (200-76025-4) and TB_20241126 (200-76025-5) were analyzed for Volatile Organics (Ambient Air) in accordance with EPA Method TO15. The samples were analyzed on 11/27/2024 and 11/28/2024.

Sample SVE-INF_20241126 (200-76025-1)[40X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the VOCs analysis.

All quality control parameters were within the acceptance limits.

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 200-76025-1

Login Number: 76025

List Source: Eurofins Burlington

List Number: 1

Creator: Reynolds, Jamie K

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
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.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
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.	N/A	
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 $<6\text{mm}$ ($1/4"$).	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

**Appendix C
Data Summary Form I's
With Qualifications**

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-INF_20241126 Lab Sample ID: 200-76025-1
 Matrix: Air Lab File ID: 63156_015.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 12:30
 Sample wt/vol: 5(mL) Date Analyzed: 11/27/2024 19:09
 Soil Aliquot Vol: _____ Dilution Factor: 40
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	20	U	20	4.4
75-45-6	Freon 22	86.47	20	U	20	4.8
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	8.0	U	8.0	1.9
74-87-3	Chloromethane	50.49	20	U	20	6.0
106-97-8	n-Butane	58.12	20	U	20	8.0
75-01-4	Vinyl chloride	62.50	3.1	U	3.1	0.84
106-99-0	1,3-Butadiene	54.09	8.0	U	8.0	1.6
74-83-9	Bromomethane	94.94	8.0	U	8.0	2.8
75-00-3	Chloroethane	64.52	20	U	20	7.2
593-60-2	Bromoethene (Vinyl Bromide)	106.96	8.0	U	8.0	2.0
75-69-4	Trichlorofluoromethane	137.37	8.0	U	8.0	2.0
76-13-1	Freon TF	187.38	8.0	U	8.0	2.1
75-35-4	1,1-Dichloroethene	96.94	1.4	U	1.4	1.0
67-64-1	Acetone	58.08	200	U	200	64
67-63-0	Isopropyl alcohol	60.10	200	U	200	64
75-15-0	Carbon disulfide	76.14	20	U	20	5.2
107-05-1	3-Chloropropene	76.53	20	U	20	4.8
75-09-2	Methylene Chloride	84.93	20	U	20	7.2
75-65-0	tert-Butyl alcohol	74.12	200	U	200	48
1634-04-4	Methyl tert-butyl ether	88.15	8.0	U	8.0	1.4
156-60-5	trans-1,2-Dichloroethene	96.94	8.0	U	8.0	0.92
110-54-3	n-Hexane	86.17	20	U	20	4.4
75-34-3	1,1-Dichloroethane	98.96	8.0	U	8.0	1.0
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	20	U	20	20
156-59-2	cis-1,2-Dichloroethene	96.94	3.8		2.0	0.84
540-59-0	1,2-Dichloroethene, Total	96.94	3.8	J	16	0.84
67-66-3	Chloroform	119.38	4.2	J	8.0	1.6
109-99-9	Tetrahydrofuran	72.11	200	U	200	52
71-55-6	1,1,1-Trichloroethane	133.41	8.0	U	8.0	1.8
110-82-7	Cyclohexane	84.16	8.0	U	8.0	2.3

John Bz
11/27/2025

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-INF_20241126 Lab Sample ID: 200-76025-1
 Matrix: Air Lab File ID: 63156_015.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 12:30
 Sample wt/vol: 5(mL) Date Analyzed: 11/27/2024 19:09
 Soil Aliquot Vol: _____ Dilution Factor: 40
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	1.4	U	1.4	0.88
540-84-1	2,2,4-Trimethylpentane	114.23	8.0	U	8.0	1.5
71-43-2	Benzene	78.11	8.0	U	8.0	1.8
107-06-2	1,2-Dichloroethane	98.96	8.0	U	8.0	3.7
142-82-5	n-Heptane	100.21	8.0	U	8.0	2.2
79-01-6	Trichloroethene	131.39	2.6		1.4	1.0
80-62-6	Methyl methacrylate	100.12	20	U	20	5.6
78-87-5	1,2-Dichloropropane	112.99	8.0	U	8.0	3.8
123-91-1	1,4-Dioxane	88.11	200	U	200	3.3
75-27-4	Bromodichloromethane	163.83	8.0	U	8.0	2.0
10061-01-5	cis-1,3-Dichloropropene	110.97	8.0	U	8.0	1.8
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	20	U	20	5.2
108-88-3	Toluene	92.14	8.0	U	8.0	2.5
10061-02-6	trans-1,3-Dichloropropene	110.97	8.0	U	8.0	2.2
79-00-5	1,1,2-Trichloroethane	133.41	8.0	U	8.0	3.0
127-18-4	Tetrachloroethene	165.83	500		8.0	0.84
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	20	U	20	6.0
124-48-1	Dibromochloromethane	208.28	8.0	U	8.0	2.5
106-93-4	1,2-Dibromoethane	187.87	8.0	U	8.0	1.7
108-90-7	Chlorobenzene	112.56	8.0	U	8.0	1.8
100-41-4	Ethylbenzene	106.17	8.0	U	8.0	2.8
179601-23-1	m,p-Xylene	106.17	20	U	20	3.8
95-47-6	o-Xylene	106.17	8.0	U	8.0	2.5
1330-20-7	Xylene (total)	106.17	28	U	28	2.1
100-42-5	Styrene	104.15	8.0	U	8.0	2.4
75-25-2	Bromoform	252.75	8.0	U	8.0	4.8
98-82-8	Cumene	120.19	8.0	U	8.0	1.6
79-34-5	1,1,2,2-Tetrachloroethane	167.85	8.0	U	8.0	1.7
103-65-1	n-Propylbenzene	120.19	8.0	U	8.0	1.9
622-96-8	4-Ethyltoluene	120.20	8.0	U	8.0	2.0

Joe Burr
11/27/2024

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-INF_20241126 Lab Sample ID: 200-76025-1
 Matrix: Air Lab File ID: 63156_015.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 12:30
 Sample wt/vol: 5 (mL) Date Analyzed: 11/27/2024 19:09
 Soil Aliquot Vol: _____ Dilution Factor: 40
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	8.0	U	8.0	1.9
95-49-8	2-Chlorotoluene	126.59	8.0	U	8.0	1.8
98-06-6	tert-Butylbenzene	134.22	8.0	U	8.0	1.9
95-63-6	1,2,4-Trimethylbenzene	120.20	8.0	U	8.0	3.2
135-98-8	sec-Butylbenzene	134.22	8.0	U	8.0	1.8
99-87-6	4-Isopropyltoluene	134.22	8.0	U	8.0	2.4
541-73-1	1,3-Dichlorobenzene	147.00	8.0	U	8.0	3.0
106-46-7	1,4-Dichlorobenzene	147.00	8.0	U	8.0	3.6
100-44-7	Benzyl chloride	126.58	8.0	U	8.0	3.5
104-51-8	n-Butylbenzene	134.22	8.0	U	8.0	4.4
95-50-1	1,2-Dichlorobenzene	147.00	8.0	U	8.0	2.6
120-82-1	1,2,4-Trichlorobenzene	181.45	20	U	20	13
87-68-3	Hexachlorobutadiene	260.76	8.0	U	8.0	4.4
91-20-3	Naphthalene	128.17	20	U	20	12

Handwritten signature: Joubert
11/28/2025

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-INF_20241126 Lab Sample ID: 200-76025-1
 Matrix: Air Lab File ID: 63156_015.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 12:30
 Sample wt/vol: 5 (mL) Date Analyzed: 11/27/2024 19:09
 Soil Aliquot Vol: _____ Dilution Factor: 40
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ug/m3
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	99	U	99	22
75-45-6	Freon 22	86.47	71	U	71	17
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	56	U	56	13
74-87-3	Chloromethane	50.49	41	U	41	12
106-97-8	n-Butane	58.12	48	U	48	19
75-01-4	Vinyl chloride	62.50	8.0	U	8.0	2.1
106-99-0	1,3-Butadiene	54.09	18	U	18	3.5
74-83-9	Bromomethane	94.94	31	U	31	11
75-00-3	Chloroethane	64.52	53	U	53	19
593-60-2	Bromoethene (Vinyl Bromide)	106.96	35	U	35	8.7
75-69-4	Trichlorofluoromethane	137.37	45	U	45	11
76-13-1	Freon TF	187.38	61	U	61	16
75-35-4	1,1-Dichloroethene	96.94	5.6	U	5.6	4.1
67-64-1	Acetone	58.08	480	U	480	150
67-63-0	Isopropyl alcohol	60.10	490	U	490	160
75-15-0	Carbon disulfide	76.14	62	U	62	16
107-05-1	3-Chloropropene	76.53	63	U	63	15
75-09-2	Methylene Chloride	84.93	69	U	69	25
75-65-0	tert-Butyl alcohol	74.12	610	U	610	150
1634-04-4	Methyl tert-butyl ether	88.15	29	U	29	5.2
156-60-5	trans-1,2-Dichloroethene	96.94	32	U	32	3.6
110-54-3	n-Hexane	86.17	70	U	70	16
75-34-3	1,1-Dichloroethane	98.96	32	U	32	4.0
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	59	U	59	58
156-59-2	cis-1,2-Dichloroethene	96.94	15		8.0	3.3
540-59-0	1,2-Dichloroethene, Total	96.94	15	J	63	3.3
67-66-3	Chloroform	119.38	20	J	39	8.0
109-99-9	Tetrahydrofuran	72.11	590	U	590	150
71-55-6	1,1,1-Trichloroethane	133.41	44	U	44	9.6
110-82-7	Cyclohexane	84.16	28	U	28	8.0

John B...
11/27/24

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.: _____

Client Sample ID: SVE-INF_20241126

Lab Sample ID: 200-76025-1

Matrix: Air

Lab File ID: 63156_015.D

Analysis Method: TO-15

Date Collected: 11/26/2024 12:30

Sample wt/vol: 5(mL)

Date Analyzed: 11/27/2024 19:09

Soil Aliquot Vol: _____

Dilution Factor: 40

Soil Extract Vol.: _____

GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: _____

Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____

Level: (low/med) Low

Analysis Batch No.: 211470

Units: ug/m3

Preparation Batch No.: _____

Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	8.8	U	8.8	5.5
540-84-1	2,2,4-Trimethylpentane	114.23	37	U	37	7.1
71-43-2	Benzene	78.11	26	U	26	5.6
107-06-2	1,2-Dichloroethane	98.96	32	U	32	15
142-82-5	n-Heptane	100.21	33	U	33	9.0
79-01-6	Trichloroethene	131.39	14		7.5	5.4
80-62-6	Methyl methacrylate	100.12	82	U	82	23
78-87-5	1,2-Dichloropropane	112.99	37	U	37	17
123-91-1	1,4-Dioxane	88.11	720	U	720	12
75-27-4	Bromodichloromethane	163.83	54	U	54	13
10061-01-5	cis-1,3-Dichloropropene	110.97	36	U	36	8.2
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	82	U	82	21
108-88-3	Toluene	92.14	30	U	30	9.3
10061-02-6	trans-1,3-Dichloropropene	110.97	36	U	36	9.8
79-00-5	1,1,2-Trichloroethane	133.41	44	U	44	16
127-18-4	Tetrachloroethene	165.83	3400		54	5.7
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	82	U	82	25
124-48-1	Dibromochloromethane	208.28	68	U	68	21
106-93-4	1,2-Dibromoethane	187.87	61	U	61	13
108-90-7	Chlorobenzene	112.56	37	U	37	8.1
100-41-4	Ethylbenzene	106.17	35	U	35	12
179601-23-1	m,p-Xylene	106.17	87	U	87	17
95-47-6	o-Xylene	106.17	35	U	35	11
1330-20-7	Xylene (total)	106.17	120	U	120	9.0
100-42-5	Styrene	104.15	34	U	34	10
75-25-2	Bromoform	252.75	83	U	83	50
98-82-8	Cumene	120.19	39	U	39	8.1
79-34-5	1,1,2,2-Tetrachloroethane	167.85	55	U	55	12
103-65-1	n-Propylbenzene	120.19	39	U	39	9.2
622-96-8	4-Ethyltoluene	120.20	39	U	39	9.6

Yan Bg
11/27/2025

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-INF_20241126 Lab Sample ID: 200-76025-1
 Matrix: Air Lab File ID: 63156_015.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 12:30
 Sample wt/vol: 5(mL) Date Analyzed: 11/27/2024 19:09
 Soil Aliquot Vol: _____ Dilution Factor: 40
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ug/m3
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	39	U	39	9.2
95-49-8	2-Chlorotoluene	126.59	41	U	41	9.5
98-06-6	tert-Butylbenzene	134.22	44	U	44	10
95-63-6	1,2,4-Trimethylbenzene	120.20	39	U	39	16
135-98-8	sec-Butylbenzene	134.22	44	U	44	9.9
99-87-6	4-Isopropyltoluene	134.22	44	U	44	13
541-73-1	1,3-Dichlorobenzene	147.00	48	U	48	18
106-46-7	1,4-Dichlorobenzene	147.00	48	U	48	21
100-44-7	Benzyl chloride	126.58	41	U	41	18
104-51-8	n-Butylbenzene	134.22	44	U	44	24
95-50-1	1,2-Dichlorobenzene	147.00	48	U	48	16
120-82-1	1,2,4-Trichlorobenzene	181.45	150	U	150	98
87-68-3	Hexachlorobutadiene	260.76	85	U	85	47
91-20-3	Naphthalene	128.17	100	U	100	63

John Bg
11/27/2025

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-INT_20241126 Lab Sample ID: 200-76025-2
 Matrix: Air Lab File ID: 63156_018.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 12:45
 Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 21:45
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.44	J	0.50	0.11
75-45-6	Freon 22	86.47	0.50	U	0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.18	J	0.50	0.15
106-97-8	n-Butane	58.12	1.3		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.18	J	0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	5.3	U	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	1.6	J	5.0	1.6
75-15-0	Carbon disulfide	76.14	1.2	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	1.0	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.50	J	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.21		0.050	0.021
540-59-0	1,2-Dichloroethene, Total	96.94	0.21	J	0.40	0.021
67-66-3	Chloroform	119.38	0.088	J	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.074	J	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058

Joe Bg
11/27/2024

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-INT_20241126 Lab Sample ID: 200-76025-2
 Matrix: Air Lab File ID: 63156_018.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 12:45
 Sample wt/vol: 200(mL) Date Analyzed: 11/27/2024 21:45
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.028	J	0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.048	J	0.20	0.044
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.20 0.077 <u>U</u>		0.20	0.055
79-01-6	Trichloroethene	131.39	0.041		0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.082
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.8		0.50	0.13
108-88-3	Toluene	92.14	2.7		0.20	0.062
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	2.1		0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.069
179601-23-1	m,p-Xylene	106.17	0.50 0.16 <u>U</u>		0.50	0.095
95-47-6	o-Xylene	106.17	0.20 0.064 <u>U</u>		0.20	0.063
1330-20-7	Xylene (total)	106.17	0.70 0.22 <u>U</u>		0.70	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049

Handwritten signature: Paul B. Brown
11/27/2024

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-INT_20241126 Lab Sample ID: 200-76025-2
 Matrix: Air Lab File ID: 63156_018.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 12:45
 Sample wt/vol: 200(mL) Date Analyzed: 11/27/2024 21:45
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061
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
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

Handwritten signature: J. B. 11/27/2025

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.: _____

Client Sample ID: SVE-INT_20241126

Lab Sample ID: 200-76025-2

Matrix: Air

Lab File ID: 63156_018.D

Analysis Method: TO-15

Date Collected: 11/26/2024 12:45

Sample wt/vol: 200 (mL)

Date Analyzed: 11/27/2024 21:45

Soil Aliquot Vol: _____

Dilution Factor: 1

Soil Extract Vol.: _____

GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: _____

Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____

Level: (low/med) Low

Analysis Batch No.: 211470

Units: ug/m3

Preparation Batch No.: _____

Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.2	J	2.5	0.54
75-45-6	Freon 22	86.47	1.8	U	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	0.36	J	1.0	0.31
106-97-8	n-Butane	58.12	3.1		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.0	J	1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	13	U	12	3.8
67-63-0	Isopropyl alcohol	60.10	3.9	J	12	3.9
75-15-0	Carbon disulfide	76.14	3.7	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	3.6	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.82		0.20	0.083
540-59-0	1,2-Dichloroethene, Total	96.94	0.83	J	1.6	0.083
67-66-3	Chloroform	119.38	0.43	J	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	0.40	J	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20

John B.
11/27/2025

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-INT_20241126 Lab Sample ID: 200-76025-2
 Matrix: Air Lab File ID: 63156_018.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 12:45
 Sample wt/vol: 200(mL) Date Analyzed: 11/27/2024 21:45
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ug/m3
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.18	J	0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	0.15	J	0.64	0.14
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.82 0.32	J U	0.82	0.23
79-01-6	Trichloroethene	131.39	0.22		0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	0.30
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	12		2.0	0.53
108-88-3	Toluene	92.14	10		0.75	0.23
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	14		1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.30
179601-23-1	m,p-Xylene	106.17	2.2 0.69	J U	2.2	0.41
95-47-6	o-Xylene	106.17	0.87 0.28	J U	0.87	0.27
1330-20-7	Xylene (total)	106.17	3.0 0.97	J U	3.0	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24

Signature
11/27/2024

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-INT_20241126 Lab Sample ID: 200-76025-2
 Matrix: Air Lab File ID: 63156_018.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 12:45
 Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 21:45
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ug/m3
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

Yoni Bg
11/27/2024

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-EFF_20241126 Lab Sample ID: 200-76025-3
 Matrix: Air Lab File ID: 63156_020.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 13:00
 Sample wt/vol: 200(mL) Date Analyzed: 11/27/2024 23:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.47	J	0.50	0.11
75-45-6	Freon 22	86.47	0.50	U	0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.19	J	0.50	0.15
106-97-8	n-Butane	58.12	2.3		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.18	J	0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	5.0	J	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	1.6
75-15-0	Carbon disulfide	76.14	1.0	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.94	J	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.50	J	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	0.40	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058

See Bl
11/27/24

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-EFF_20241126 Lab Sample ID: 200-76025-3
 Matrix: Air Lab File ID: 63156_020.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 13:00
 Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 23:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.11	J	0.20	0.044
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.20 0.10	J U	0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.082
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	1.5	J	0.50	0.13
108-88-3	Toluene	92.14	2.7		0.20	0.062
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.36		0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.069
179601-23-1	m,p-Xylene	106.17	0.50 0.14	J U	0.50	0.095
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.063
1330-20-7	Xylene (total)	106.17	0.70 0.14	J U	0.70	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.042	J	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049

John Bg
11/27/2025

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-EFF_20241126 Lab Sample ID: 200-76025-3
 Matrix: Air Lab File ID: 63156_020.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 13:00
 Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 23:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061
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
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

you' Bz
11/27/2025

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-EFF_20241126 Lab Sample ID: 200-76025-3
 Matrix: Air Lab File ID: 63156_020.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 13:00
 Sample wt/vol: 200(mL) Date Analyzed: 11/27/2024 23:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ug/m3
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.3	J	2.5	0.54
75-45-6	Freon 22	86.47	1.8	U	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	0.39	J	1.0	0.31
106-97-8	n-Butane	58.12	5.5		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	0.99	J	1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	12	8.9 U	12	3.8
67-63-0	Isopropyl alcohol	60.10	12	U	12	3.9
75-15-0	Carbon disulfide	76.14	3.2	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	3.3	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	1.8	0.46 U	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	1.6	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20

you for 11/27/2025

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-EFF_20241126 Lab Sample ID: 200-76025-3
 Matrix: Air Lab File ID: 63156_020.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 13:00
 Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 23:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ug/m3
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	0.35	J	0.64	0.14
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.82 0.41	J	0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	0.30
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	6.0	J	2.0	0.53
108-88-3	Toluene	92.14	10		0.75	0.23
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	2.4		1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.30
179601-23-1	m,p-Xylene	106.17	2.2 0.63	J	2.2	0.41
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.27
1330-20-7	Xylene (total)	106.17	3.0 0.61	J	3.0	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.21	J	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24

John B.
11/27/2025

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-EFF_20241126 Lab Sample ID: 200-76025-3
 Matrix: Air Lab File ID: 63156_020.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 13:00
 Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 23:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ug/m3
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

John Brown
11/27/2024

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-X_20241126 Lab Sample ID: 200-76025-4
 Matrix: Air SVE-EFF-20241126 Lab File ID: 63156_022.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 12:00
 Sample wt/vol: 200 (mL) Date Analyzed: 11/28/2024 01:11
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.46	J	0.50	0.11
75-45-6	Freon 22	86.47	0.50	U	0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.21	J	0.50	0.15
106-97-8	n-Butane	58.12	2.3		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.18	J	0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	6.5	U	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	2.5	J	5.0	1.6
75-15-0	Carbon disulfide	76.14	1.2	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	1.1	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	0.40	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058

*You' B8
11/27/2025*

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-X_20241126 Lab Sample ID: 200-76025-4
 Matrix: Air SVE-EFF-20241126 Lab File ID: 63156_022.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 12:00
 Sample wt/vol: 200(mL) Date Analyzed: 11/28/2024 01:11
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.13	J	0.20	0.044
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.20 0.12	J U	0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.082
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	5.3	J	0.50	0.13
108-88-3	Toluene	92.14	1.6		0.20	0.062
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.46		0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.069
179601-23-1	m,p-Xylene	106.17	0.50 0.23	J U	0.50	0.095
95-47-6	o-Xylene	106.17	0.20 0.10	J U	0.20	0.063
1330-20-7	Xylene (total)	106.17	0.20 0.33	J U	0.70	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.078	J	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049

John B.
11/28/2024

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-X_20241126 Lab Sample ID: 200-76025-4
 Matrix: Air SVE-EFF-20241126 Lab File ID: 63156_022.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 12:00
 Sample wt/vol: 200 (mL) Date Analyzed: 11/28/2024 01:11
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.090	J	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061
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
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

John B.
11/28/2024

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington

Job No.: 200-76025-1

SDG No.: _____

Client Sample ID: SVE-X_20241126

Lab Sample ID: 200-76025-4

Matrix: Air SVE-EFF-20241126

Lab File ID: 63156_022.D

Analysis Method: TO-15

Date Collected: 11/26/2024 12:00

Sample wt/vol: 200(mL)

Date Analyzed: 11/28/2024 01:11

Soil Aliquot Vol: _____

Dilution Factor: 1

Soil Extract Vol.: _____

GC Column: RTX-624 ID: 0.32 (mm)

Purge Volume: _____

Heated Purge: (Y/N) _____ pH: _____

% Moisture: _____ % Solids: _____

Level: (low/med) Low

Analysis Batch No.: 211470

Units: ug/m3

Preparation Batch No.: _____

Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.3	J	2.5	0.54
75-45-6	Freon 22	86.47	1.8	U	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	0.44	J	1.0	0.31
106-97-8	n-Butane	58.12	5.6		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	0.99	J	1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	15	U	12	3.8
67-63-0	Isopropyl alcohol	60.10	6.1	J	12	3.9
75-15-0	Carbon disulfide	76.14	3.8	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	3.8	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	1.8 0.72	J U	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	1.6	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20

*John Bg
11/28/2024*

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-X_20241126 Lab Sample ID: 200-76025-4
 Matrix: Air SVE-EFF-20241126 Lab File ID: 63156_022.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 12:00
 Sample wt/vol: 200(mL) Date Analyzed: 11/28/2024 01:11
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ug/m3
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	0.43	J	0.64	0.14
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.82 0.48	J U	0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	0.30
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	22	J	2.0	0.53
108-88-3	Toluene	92.14	6.0		0.75	0.23
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	3.1		1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.30
179601-23-1	m,p-Xylene	106.17	2.2 1.0	J U	2.2	0.41
95-47-6	o-Xylene	106.17	0.87 0.45	J U	0.87	0.27
1330-20-7	Xylene (total)	106.17	3.0 1.4	J U	3.0	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.38	J	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24

Sou'Be
11/28/2025

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: SVE-X_20241126 Lab Sample ID: 200-76025-4
 Matrix: Air SVE-EEF-20241126 Lab File ID: 63156_022.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 12:00
 Sample wt/vol: 200 (mL) Date Analyzed: 11/28/2024 01:11
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ug/m3
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.44	J	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

San Ber
11/8/2025

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: TB_20241126 Lab Sample ID: 200-76025-5
 Matrix: Air Lab File ID: 63156_013.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 00:00
 Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 17:26
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.11
75-45-6	Freon 22	86.47	0.50	U	0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.15
106-97-8	n-Butane	58.12	0.50	U	0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	3.2	J	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	1.6
75-15-0	Carbon disulfide	76.14	1.0		0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.53		0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.11	J	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.021
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	0.40	0.021
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058

John B. 11/27/2024

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: TB_20241126 Lab Sample ID: 200-76025-5
 Matrix: Air Lab File ID: 63156_013.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 00:00
 Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 17:26
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038
71-43-2	Benzene	78.11	0.20	U	0.20	0.044
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.082	J	0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.082
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	1.4		0.50	0.13
108-88-3	Toluene	92.14	1.4		0.20	0.062
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.069
179601-23-1	m,p-Xylene	106.17	0.11	J	0.50	0.095
95-47-6	o-Xylene	106.17	0.063	J	0.20	0.063
1330-20-7	Xylene (total)	106.17	0.17	J	0.70	0.052
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049

Handwritten signature: Lou B. 11/27/2024

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: TB_20241126 Lab Sample ID: 200-76025-5
 Matrix: Air Lab File ID: 63156_013.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 00:00
 Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 17:26
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061
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
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

Low Bg
11/27/2025

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: TB_20241126 Lab Sample ID: 200-76025-5
 Matrix: Air Lab File ID: 63156_013.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 00:00
 Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 17:26
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ug/m3
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.54
75-45-6	Freon 22	86.47	1.8	U	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.31
106-97-8	n-Butane	58.12	1.2	U	1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	7.7	J	12	3.8
67-63-0	Isopropyl alcohol	60.10	12	U	12	3.9
75-15-0	Carbon disulfide	76.14	3.2		1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.8		1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.38	J	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.083
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	1.6	0.083
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20

John B...
11/27/2025

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: TB_20241126 Lab Sample ID: 200-76025-5
 Matrix: Air Lab File ID: 63156_013.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 00:00
 Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 17:26
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ug/m3
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18
71-43-2	Benzene	78.11	0.64	U	0.64	0.14
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.34	J	0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	0.30
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	5.6		2.0	0.53
108-88-3	Toluene	92.14	5.2		0.75	0.23
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.30
179601-23-1	m,p-Xylene	106.17	0.50	J	2.2	0.41
95-47-6	o-Xylene	106.17	0.27	J	0.87	0.27
1330-20-7	Xylene (total)	106.17	0.75	J	3.0	0.23
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24

Yan Be
11/27/2024

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76025-1
 SDG No.: _____
 Client Sample ID: TB_20241126 Lab Sample ID: 200-76025-5
 Matrix: Air Lab File ID: 63156_013.D
 Analysis Method: TO-15 Date Collected: 11/26/2024 00:00
 Sample wt/vol: 200 (mL) Date Analyzed: 11/27/2024 17:26
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 211470 Units: ug/m3
 Preparation Batch No.: _____ Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.33
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

Paul Be
11/27/2024