



Environmental, Planning, and Engineering Consultants

440 Park Avenue South
7th Floor
New York, NY 10016
tel: 212 696-0670
fax: 929 284-1085
www.akrf.com

August 5, 2024

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

**Re: Quarterly Monitoring Report – 2024 2nd Quarter
 975 Nostrand Avenue, Brooklyn, NY
 NYSDEC Site No: C244335**

Dear Mr. Allan:

This Quarterly Monitoring Report has been prepared by AKRF, Inc. (AKRF) to summarize routine sampling and 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. 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 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 second quarter of 2024 between April 1 and June 30, 2024:

- Three monthly SVES inspections (April through June 2024);
- A round of extracted SVES vapor sampling;
- SVES granular activated carbon (GAC) vessel changeout;

- SVES/SSDS riser and manifold pressure testing, and SVES equipment changes/updates; and
- One quarterly inspection of the SSDS;

This quarterly monitoring report includes the associated analytical reports and field sampling logs. In accordance with the 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 temporary SVES occurred in November 2023. Monthly inspections were performed on the system through June 2024, and a second round of confirmatory extracted vapor sampling was conducted on April 30, 2024 to reassess VOC emissions calculations and evaluate whether GAC vessel replacement was warranted for continuous system operation. The contractor updated/changed some components of the system and pressure tested the riser pipe and the SVES manifold.

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;
- Recording post-blower pressure;
- Field-screening for relative concentrations of VOCs at the GAC vessel influent, intermediate, and effluent ports; and
- Recording vacuum readings at each SVE manifold leg and the monitoring points.

During the inspections, the vacuum, pressure, and air flow rate readings on the SVE blower and individual SVE lines remained comparable to historic ranges. No other significant changes were observed. The SVES layout is shown on Figure 3. Inspection logs are provided in Attachment A.

The system had to be shut down for short periods of time on multiple occasions to perform regular maintenance and repairs, as needed. However, a shutdown occurred on June 24, 2024 due to electrical/controls issues and high temperatures that resulted in prolonged system shutdown. Troubleshooting efforts and system diagnoses were performed with assistance from the remedial systems contractor (AWT), on-site electricians, and the system vendor, to resolve the problems encountered. The system was ultimately started back up on July 16, 2024, and is currently operating at a reduced capacity (although still operating within the acceptable ranges). The contractor and AKRF are evaluating the system design in order to bring the system to full capacity. NYSDEC Project Manager (PM) was notified following the system shutdown and once operational.

Extracted Vapor Sampling

On April 30, 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 five months after system startup (November 2023) to reassess VOC emissions calculations and evaluate whether GAC vessel replacement was warranted on the system.

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 April 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 0.2 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) to 2,300 $\mu\text{g}/\text{m}^3$ from a diluted analysis [PCE at SVE-INT_20240430]. 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) plus the blind duplicate sample. Concentrations of these chlorinated VOCs were fairly consistent from the influent sample to the intermediate sample, with either a slight decrease in concentration (PCE and TCE) or an increase in concentration (cis-1,2-DCE and dichloroethylenes) from the intermediate sample to the effluent sample.

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

Table A – Extracted Vapor PCE and TCE Concentrations

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

ND = Not Detected

J = estimated

The extracted vapor sample results indicate that the SVES is improving contaminant mass recovery; however, a GAC vessel changeout was required.

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 16 months following issuance of the COC.

SVE GAC Vessel Change Out

Based on the results of the April 2024 extracted vapor sampling, a GAC vessel changeout was performed by the remedial systems contractor (AWT) on May 10, 2024. Four new GAC vessels were delivered to the site, including two to replace the spent GAC vessels and two extras for future use. Following replacement of the GAC vessels, AWT collected sample of the spent carbon for disposal purposes. The spent vessels

were then labeled “USED” and staged on-site for off-site disposal, which is anticipated to occur in the third quarter of 2024.

SVE Riser Pipe and Manifold Pressure Test and SVES Equipment Changeouts/Updates

As construction of the superstructure progressed, the SVES riser piping was extended to the roof of the building, and multiple components of the SVES were replaced and installed during system relocation to the designated SVES room. On June 14, 2024, the system updates were completed, and the pipe manifold and riser pipe were pressure tested at 5 PSI for 30 minutes to ensure there were no leaks in the system. Following a successful pressure test, the system was re-started.

SSDS Operation and Maintenance

An active SSDS will be operated at the Site to mitigate the potential for soil vapor intrusion into the new building. The SSDS 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 second quarterly SSDS inspection was conducted on June 14, 2024, along with pressure testing of the two SSDS risers. All installed elements were noted to be in good condition, and both SSDS risers passed the pressure testing.

Aboveground construction of the SSDS elements is expected to continue in July 2024, including installation of two SSDS manifolds extending to the roof of the building.

Scheduled Activities

AKRF will continue conducting monthly SVES inspections through December 2024. The next quarterly SSDS inspection will be performed in September 2024.

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:

Table 1	SVES Extracted Vapor Analytical Results – April 2024
Figure 1	Site Location
Figure 2	BCP Site Plan and Sample Location Plan
Figure 3	SVES Layout Plan
Figure 4	SSDS Layout Plan
Attachment A	SVES Inspection Logs
Attachment B	Laboratory Data Reports and DUSRs

cc (electronic copy only):

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

TABLE

Table 1
975 Nostrand Avenue
Brooklyn, NY

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

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	SVE-INF_20240430 200-73340-1 04/30/2024 µg/m³ 20		SVE-INT_20240430 200-73340-2 04/30/2024 µg/m³ 20		SVE-EFF_20240430 200-73340-3 04/30/2024 µg/m³ 5		SVE-X_20240430 200-73340-4 04/30/2024 µg/m³ 2		SVE-TB_20240430 200-73340-5 04/30/2024 µg/m³ 1	
Compound	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Dichlorodifluoromethane	49	U	49	U	12	U	2.0	J	2.5	U
Freon 22	35	U	35	U	8.8	U	1.7	J	1.8	U
1,2-Dichlorotetrafluoroethane	28	U	28	U	7.0	U	2.8	U	1.4	U
Chloromethane	21	U	21	U	5.2	U	2.1	U	1.0	U
n-Butane	24	U	24	U	5.0	J	5.1		1.2	U
Vinyl chloride	4.0	U	4.0	U	1.0	U	0.40	U	0.20	U
1,3-Butadiene	8.8	U	8.8	U	2.2	U	0.88	U	0.44	U
Bromomethane	16	U	16	U	3.9	U	1.6	U	0.78	U
Chloroethane	26	U	26	U	6.6	U	2.6	U	1.3	U
Bromoethene(Vinyl Bromide)	17	U	17	U	4.4	U	1.7	U	0.87	U
Trichlorofluoromethane	22	U	22	U	5.6	U	1.1	J	1.1	U
Freon TF	31	U	31	U	7.7	U	3.1	U	1.5	U
1,1-Dichloroethene	2.8	U	2.8	U	0.70	U	0.28	U	0.14	U
Acetone	240	U	240	U	47	J	48		12	U
Isopropyl alcohol	250	U	250	U	74		27		12	U
Carbon disulfide	31	U	31	U	7.8	U	2.2	J	0.90	J
3-Chloropropene	31	U	31	U	7.8	U	3.1	U	1.6	U
Methylene Chloride	35	U	35	U	8.7	U	3.5	U	1.7	U
tert-Butyl alcohol	300	U	300	U	76	U	30	U	15	U
Methyl tert-butyl ether	14	U	14	U	3.6	U	1.4	U	0.72	U
trans-1,2-Dichloroethene	16	U	16	U	4.0	U	0.20	J	0.79	U
n-Hexane	35	U	35	U	8.8	U	1.1	J	0.69	J
1,1-Dichloroethane	16	U	16	U	4.0	U	1.6	U	0.81	U
Methyl Ethyl Ketone	29	U	29	U	7.4	U	2.9	U	1.5	U
cis-1,2-Dichloroethene	8.2		8.6		13		13		0.20	U
1,2-Dichloroethene, Total	8.3	J	8.7	J	13		14		1.6	U
Chloroform	20	U	20	U	2.5	J	2.6		0.98	U
Tetrahydrofuran	290	U	290	U	80		100		15	U
1,1,1-Trichloroethane	22	U	22	U	5.5	U	2.2	U	1.1	U
Cyclohexane	14	U	14	U	3.4	U	0.68	J	0.69	U
Carbon tetrachloride	4.4	U	4.4	U	1.1	U	0.44	U	0.22	U
2,2,4-Trimethylpentane	19	U	19	U	4.7	U	1.9	U	0.93	U
Benzene	13	U	13	U	0.76	J	0.56	J	0.64	U
1,2-Dichloroethane	16	U	16	U	4.0	U	1.6	U	0.81	U
n-Heptane	16	U	16	U	4.1	U	1.6	U	0.82	U
Trichloroethene	8.3		7.9		6.2		6.0		0.19	U
Methyl methacrylate	41	U	41	U	10	U	4.1	U	2.0	U

Table 1
975 Nostrand Avenue
Brooklyn, NY

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

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	SVE-INF_20240430 200-73340-1 04/30/2024 µg/m ³ 20		SVE-INT_20240430 200-73340-2 04/30/2024 µg/m ³ 20		SVE-EFF_20240430 200-73340-3 04/30/2024 µg/m ³ 5		SVE-X_20240430 200-73340-4 04/30/2024 µg/m ³ 2		SVE-TB_20240430 200-73340-5 04/30/2024 µg/m ³ 1	
Compound	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
1,2-Dichloropropane	18	U	18	U	4.6	U	1.8	U	0.92	U
1,4-Dioxane	360	U	360	U	90	U	36	U	18	U
Bromodichloromethane	27	U	27	U	6.7	U	2.7	U	1.3	U
cis-1,3-Dichloropropene	18	U	18	U	4.5	U	1.8	U	0.91	U
methyl isobutyl ketone	41	U	41	U	4.5	J	3.8	J	0.70	J
Toluene	6.2	J	7.0	J	8.0		5.5		7.9	
trans-1,3-Dichloropropene	18	U	18	U	4.5	U	1.8	U	0.91	U
1,1,2-Trichloroethane	22	U	22	U	5.5	U	2.2	U	1.1	U
Tetrachloroethene	2200		2300		880		200		0.34	J
Methyl Butyl Ketone (2-Hexanone)	41	U	41	U	10	U	4.1	U	2.0	U
Dibromochloromethane	34	U	34	U	8.5	U	3.4	U	1.7	U
1,2-Dibromoethane	31	U	31	U	7.7	U	3.1	U	1.5	U
Chlorobenzene	18	U	18	U	4.6	U	1.8	U	0.92	U
Ethylbenzene	17	U	17	U	4.3	U	1.7	U	0.87	U
m,p-Xylene	43	U	43	U	2.6	J	1.0	J	0.43	J
Xylene, o-	17	U	17	U	4.3	U	1.7	U	0.87	U
Xylene (total)	61	U	61	U	2.6	J	1.0	J	0.43	J
Styrene	17	U	17	U	4.3	U	1.7	U	0.85	U
Bromoform	41	U	41	U	10	U	4.1	U	2.1	U
Cumene	20	U	20	U	4.9	U	2.0	U	0.98	U
1,1,2,2-Tetrachloroethane	27	U	27	U	6.9	U	2.7	U	1.4	U
n-Propylbenzene	20	U	20	U	4.9	U	2.0	U	0.98	U
4-Ethyltoluene	20	U	20	U	4.9	U	2.0	U	0.98	U
1,3,5-Trimethylbenzene	20	U	20	U	4.9	U	2.0	U	0.98	U
2-Chlorotoluene	21	U	21	U	5.2	U	2.1	U	1.0	U
tert-Butylbenzene	22	U	22	U	5.5	U	2.2	U	1.1	U
1,2,4-Trimethylbenzene	20	U	20	U	3.1	J	1.1	J	0.98	U
sec-Butylbenzene	22	U	22	U	5.5	U	2.2	U	1.1	U
4-Isopropyltoluene	22	U	22	U	5.5	U	2.2	U	1.1	U
1,3-Dichlorobenzene	24	U	24	U	6.0	U	2.4	U	1.2	U
1,4-Dichlorobenzene	24	U	24	U	6.0	U	2.4	U	1.2	U
Benzyl chloride	21	U	21	U	5.2	U	2.1	U	1.0	U
n-Butylbenzene	22	U	22	U	5.5	U	2.2	U	1.1	U
1,2-Dichlorobenzene	24	U	24	U	6.0	U	2.4	U	1.2	U
1,2,4-Trichlorobenzene	74	U	74	U	19	U	7.4	U	3.7	U
Hexachlorobutadiene	43	U *	43	U *	11	U *	4.3	U *	2.1	U *
Naphthalene	52	U	52	U	13	U	5.2	U	2.6	U

Table 1
975 Nostrand Avenue
Brooklyn, NY
SVES Extracted Vapor Analytical Results - April 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

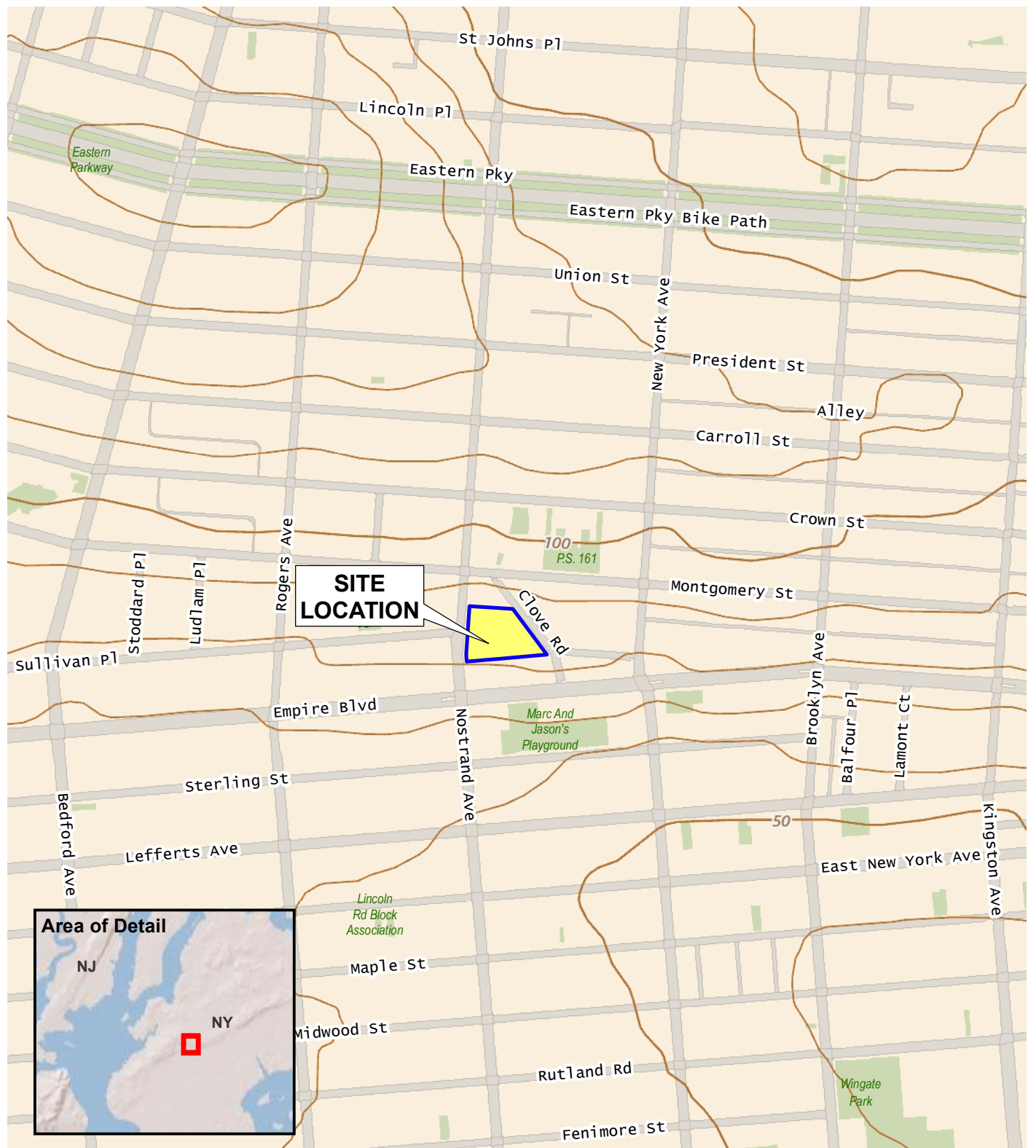
U *+ : LCS and/or LCSD is outside acceptance limits, high biased.

DUPLICATES

SVE-X_20240430 is a blind duplicate of sample SVE-INF_20240430

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

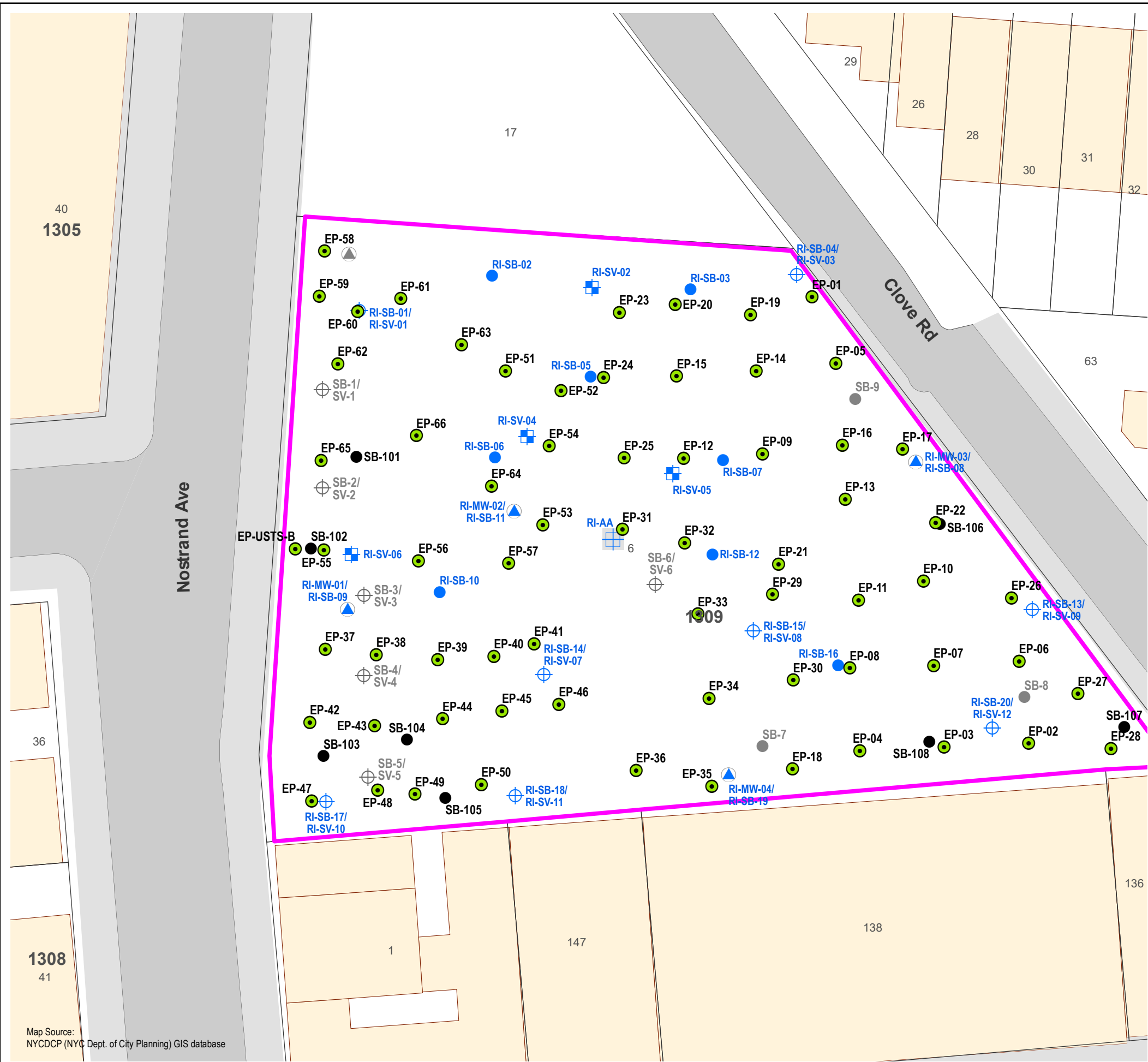


440 Park Avenue South, New York, NY 10016

975 Nostrand Avenue
Brooklyn, New York

SITE LOCATION

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



0 20 40 80

SCALE IN FEET

- 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



975 Nostrand Avenue
Brooklyn, New York

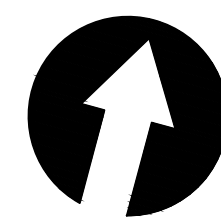
BCP SITE PLAN AND SAMPLE LOCATION PLAN

AKRF
440 Park Avenue South, New York, NY 10016

DATE
12/22/2023

OBJECT NO.
10225

FIGURE
2



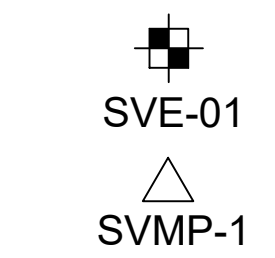
1
FIG-3 SOIL VAPOR EXTRACTION SYSTEM AS-BUILT LAYOUT
SCALE IN FEET

NOTE: PIPE SPACING NOT TO SCALE

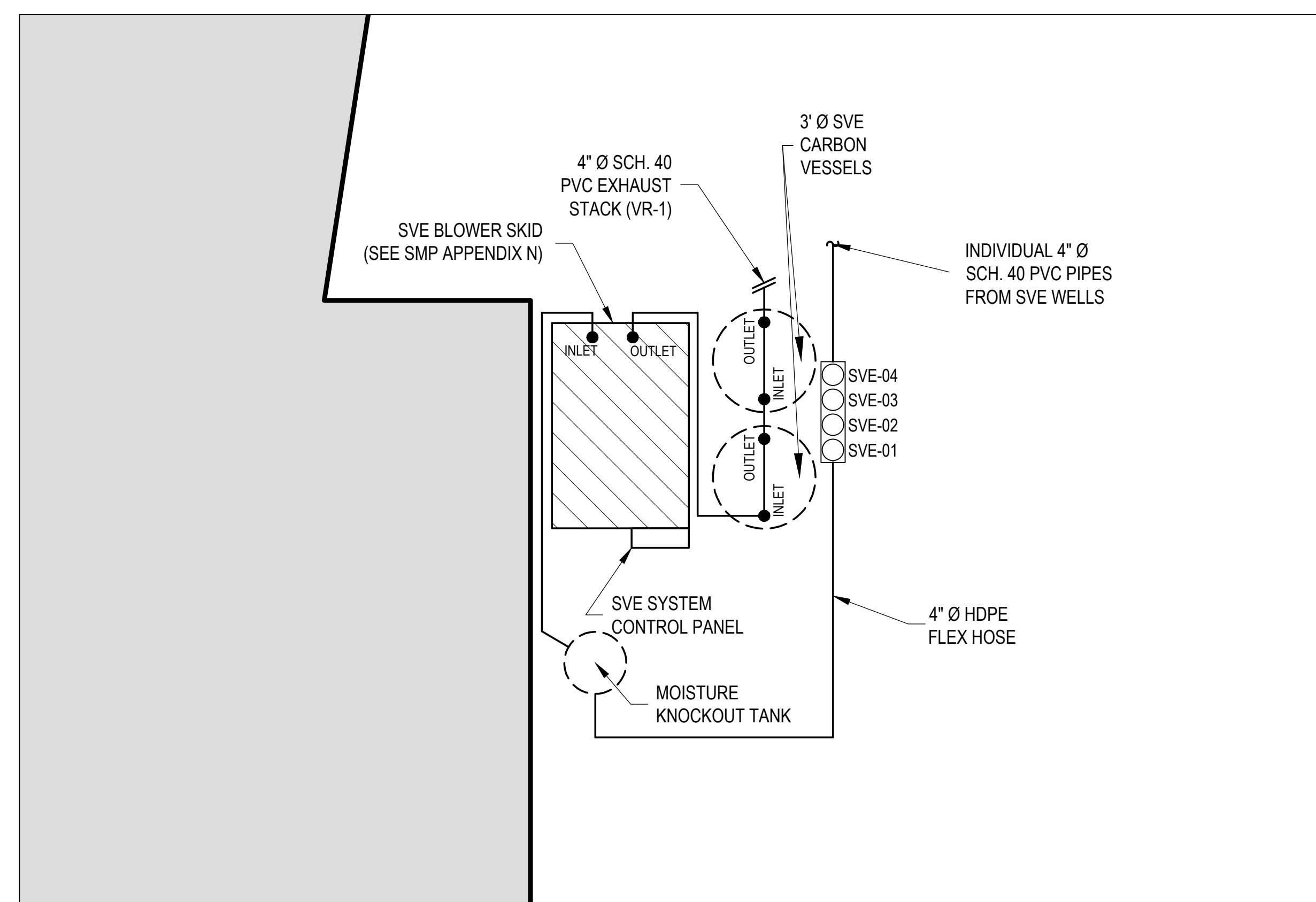
SVE VAPOR MONITORING POINT LOCATIONS		
ID	COLUMN LOCATION	ROOM
SVMP-01	144	GARAGE (SOUTH)
SVMP-02	143	RETAIL STORAGE
SVMP-03	153	GAS ROOM

LEGEND

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

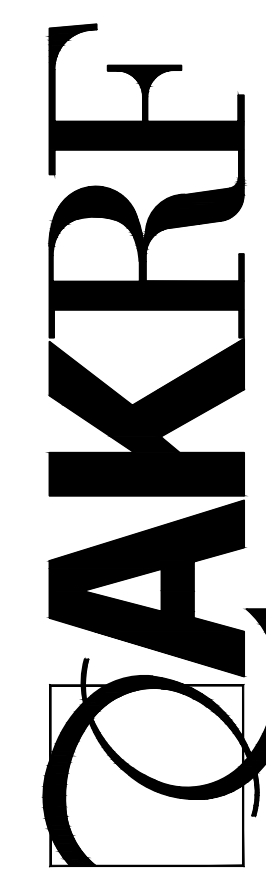


2
FIG-3 SVE EQUIPMENT AREA
SCALE IN FEET
NOTE: PIPE SIZE AND SPACING NOT TO SCALE

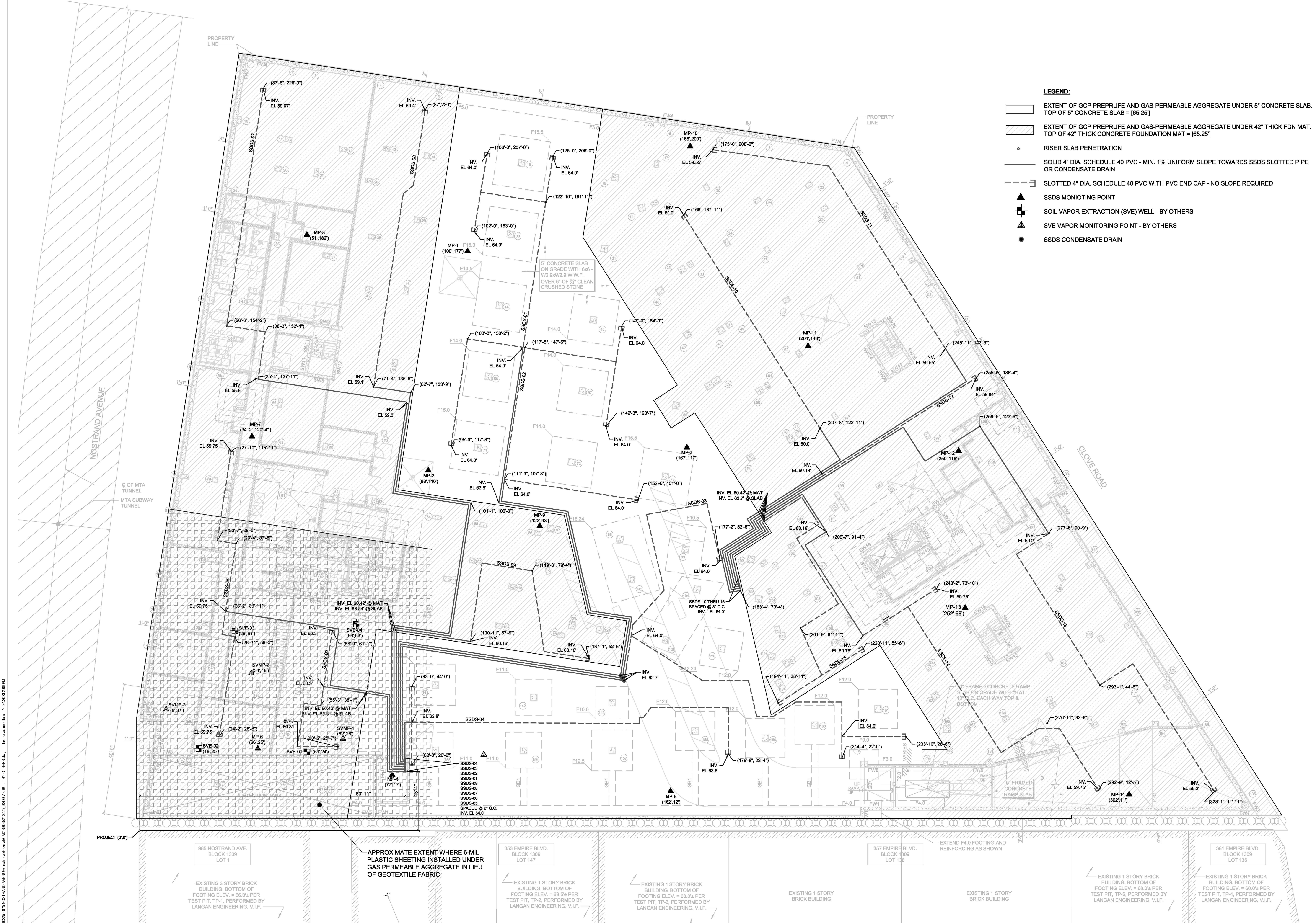


975 Nostrand Avenue
Brooklyn, NY. Block 1309, Lot 6

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



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



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

SSDS LAYOUT PLAN

DATE
4/24/2024

PROJECT NO.
210225

FIGURE
4

APPENDIX A
SVES INSPECTION LOGS

SVE INSPECTION LOG MONTHLY SOIL VAPOR EXTRACTION SYSTEM INSPECTION 975 Nostrand Avenue, Brooklyn, NY				
Inspector Name: M. Bates			Date: 4/30/2024	
Time IN: 09:00			Time OUT: 13:00	
GENERAL				
Weather: Partly Cloudy		Temperature: 55-61 F		Barometric Pressure: 29.96
				Equipment Room Temperature: 60 F
When was the last rain event?				
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? 50.1 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
NA		NA		NA
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		22		9
GAC Influent PID (ppm):		GAC Intermediate PID (ppm): Less than GAC Influent PID		GAC Effluent PID (ppm): 0 ppm
2.0		1.2		ND
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	-5.606	NR	471.60 413.31 445.36	Readings collected back, middle, and front of SVE pipes
SVE-02	-5.601	NR	44.16 66.41 77.46	Readings collected back, middle, and front of SVE pipes
SVE-03	-5.778	NR	169.34 129.66 147.57	Readings collected back, middle, and front of SVE pipes
SVE-04	-6.139	NR	60.35 48.77 60.75	Readings collected back, middle, and front of SVE pipes
SVMP-01	0.111			
SVMP-02	0.139			
SVMP-03	0.116			

**SOIL VAPOR EXTRACTION SYSTEM
EXTRACTED VAPOR SAMPLING**
975 Nostrand Avenue, Brooklyn, NY

Inspector Name: M. Bates				Date: 4/30/2024			
Time IN: 09:00				Time OUT: 13:00			
Location	Start Time	Start Vacuum	End Time	End Vacuum	PID Field Screen	Sample ID	Notes
SVE Carbon Influent	10:25	NA	10:25	NA	2.0	SVE-INF_20240430	
SVE Carbon Intermediate	10:32	NA	10:33	NA	1.2	SVE-INT_20240430	
SVE Carbon Effluent	10:35	NA	10:35	NA	ND	SVE-EFF_20240430	

Comments: SVE GAC lines currently have no vacuum reading gauges.

Note: The SVE Inspection Log should also be completed for each sampling event. Samples to be collected and analyzed for VOCs by TO-15. Individual lines are not anticipated to be sampled in the routine sampling events. Sampling will be conducted as necessary at the discretion of the remedial engineer, in consultation with NYSDEC and NYSDOH.

SVE INSPECTION LOG MONTHLY SOIL VAPOR EXTRACTION SYSTEM INSPECTION 975 Nostrand Avenue, Brooklyn, NY				
Inspector Name: M. Bates			Date: 5/10/2024	
Time IN: 09:00			Time OUT: 12:20	
GENERAL				
Weather: Partly Rainy	Temperature: 48-59 F	Barometric Pressure: 29.83	Equipment Room Temperature:	59 F
When was the last rain event?				
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? 49.9 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
NA		NA		NA
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		55		34
GAC Influent PID (ppm):		GAC Intermediate PID (ppm): Less than GAC Influent PID		GAC Effluent PID (ppm): 0 ppm
1.2		ND		ND
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	-8.594	NR	2088 1934 2035	Readings collected back, middle, and front of SVE pipes
SVE-02	-8.608	NR	337 385 345	Readings collected back, middle, and front of SVE pipes
SVE-03	-8.935	NR	975 690 706	Readings collected back, middle, and front of SVE pipes
SVE-04	-9.709	NR	325 278 332	Readings collected back, middle, and front of SVE pipes
SVMP-01	-0.126			
SVMP-02	-0.163			
SVMP-03	-0.416			

SVE INSPECTION LOG MONTHLY SOIL VAPOR EXTRACTION SYSTEM INSPECTION 975 Nostrand Avenue, Brooklyn, NY				
Inspector Name: K. O'Neill			Date: 6/14/2024	
Time IN: 07:45			Time OUT: 15:00	
GENERAL				
Weather: Clear	Temperature: 67-85 F	Barometric Pressure: 29.88	Equipment Room Temperature:	72 F
When was the last rain event? 6/6/24				
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? 60.08 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
70		120		10
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		10		45
GAC Influent PID (ppm):		GAC Intermediate PID (ppm): Less than GAC Influent PID		GAC Effluent PID (ppm): 0 ppm
30.8		17.0		4.8
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	NR	420	9.12	gauges installed
SVE-02	NR	487	11.22	gauges installed
SVE-03	NR	1313	27.57	gauges installed
SVE-04	NR	625	13.58	gauges installed
SVMP-01	0.116			
SVMP-02	0.179			
SVMP-03	1.274			

APPENDIX B
LABORATORY DATA REPORTS AND DUSRS



ANALYTICAL REPORT

PREPARED FOR

Attn: Ashutosh Sharma
AKRF Inc
440 Park Avenue South
7th Floor
New York NY 10016

Generated 5/7/2024 6:22 AM

JOB DESCRIPTION

975 Nostrand Avenue, Brooklyn (Air)

JOB NUMBER

200-73340-1

Eurofins Burlington

Job Notes

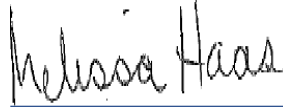
This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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



Generated
5/7/2024 6:22 AM

Authorized for release by
Melissa Haas, Senior Project Manager
Melissa.Haas@et.eurofinsus.com
203 308-0880

Table of Contents

Cover Title Page	1
Data Summaries	5
Definitions	5
Case Narrative	6
Detection Summary	7
Client Sample Results	10
Default Detection Limits	27
QC Sample Results	30
QC Association	37
Chronicle	38
Certification Summary	39
Method Summary	40
Sample Summary	41
Detection Limit Exceptions	42
Manual Integration Summary	43
Reagent Traceability	47
COAs	121
Organic Sample Data	143
Air - GC/MS VOA	143
Method TO15	143
Method TO15 QC Summary	144
Method TO15 Sample Data	151
Standards Data	298
Method TO15 ICAL Data	298
Method TO15 CCAL Data	441
Raw QC Data	455

Table of Contents

Method TO15 Tune Data	455
Method TO15 Blank Data	463
Method TO15 LCS/LCSD Data	473
Method TO15 Run Logs	480
Method TO15 Prep Data	482
Shipping and Receiving Documents	485
Client Chain of Custody	486
Sample Receipt Checklist	488

Definitions/Glossary

Client: AKRF Inc

Job ID: 200-73340-1

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

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative 200-73340-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 5/1/2024 3:30 PM. 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.

Receipt Exceptions

The COC was incorrect - the trip blank ID on the COC was listed as "SVE-X". Per the container label, this sample is confirmed to the trip blank.

Method TO-15 - Volatile Organic Compounds in Ambient Air

Samples SVE-INF_20240430 (200-73340-1), SVE-INT_20240430 (200-73340-2), SVE-EFF_20240430 (200-73340-3), SVE-X_20240430 (200-73340-4) and SVE-TB_20240430 (200-73340-5) were analyzed for Volatile Organic Compounds in Ambient Air. The samples were analyzed on 5/2/2024.

Samples SVE-INF_20240430 (200-73340-1)[20x], SVE-INT_20240430 (200-73340-2)[20x], SVE-EFF_20240430 (200-73340-3)[5x] and SVE-X_20240430 (200-73340-4)[2x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) associated with batch 200-203676 recovered above the upper control limit for 1,2,4-Trichlorobenzene, Bromoform and Hexachlorobutadiene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SVE-INF_20240430, SVE-INT_20240430, SVE-EFF_20240430, SVE-X_20240430 and SVE-TB_20240430.

The laboratory control sample (LCS) for analytical batch 200-203676 recovered outside control limits for the following analytes: Hexachlorobutadiene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Detection Summary

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

Job ID: 200-73340-1

Client Sample ID: SVE-INF_20240430

Lab Sample ID: 200-73340-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.1		1.0	0.42	ppb v/v	20			TO-15	Total/NA
1,2-Dichloroethene, Total	2.1	J	8.0	0.42	ppb v/v	20			TO-15	Total/NA
Trichloroethene	1.5		0.70	0.50	ppb v/v	20			TO-15	Total/NA
Toluene	1.6	J	4.0	1.2	ppb v/v	20			TO-15	Total/NA
Tetrachloroethene	330		4.0	0.42	ppb v/v	20			TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	8.2		4.0	1.7	ug/m3	20			TO-15	Total/NA
1,2-Dichloroethene, Total	8.3	J	32	1.7	ug/m3	20			TO-15	Total/NA
Trichloroethene	8.3		3.8	2.7	ug/m3	20			TO-15	Total/NA
Toluene	6.2	J	15	4.7	ug/m3	20			TO-15	Total/NA
Tetrachloroethene	2200		27	2.8	ug/m3	20			TO-15	Total/NA

Client Sample ID: SVE-INT_20240430

Lab Sample ID: 200-73340-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.2		1.0	0.42	ppb v/v	20			TO-15	Total/NA
1,2-Dichloroethene, Total	2.2	J	8.0	0.42	ppb v/v	20			TO-15	Total/NA
Trichloroethene	1.5		0.70	0.50	ppb v/v	20			TO-15	Total/NA
Toluene	1.8	J	4.0	1.2	ppb v/v	20			TO-15	Total/NA
Tetrachloroethene	330		4.0	0.42	ppb v/v	20			TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	8.6		4.0	1.7	ug/m3	20			TO-15	Total/NA
1,2-Dichloroethene, Total	8.7	J	32	1.7	ug/m3	20			TO-15	Total/NA
Trichloroethene	7.9		3.8	2.7	ug/m3	20			TO-15	Total/NA
Toluene	7.0	J	15	4.7	ug/m3	20			TO-15	Total/NA
Tetrachloroethene	2300		27	2.8	ug/m3	20			TO-15	Total/NA

Client Sample ID: SVE-EFF_20240430

Lab Sample ID: 200-73340-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
n-Butane	2.1	J	2.5	1.0	ppb v/v	5			TO-15	Total/NA
Acetone	20	J	25	8.0	ppb v/v	5			TO-15	Total/NA
Isopropyl alcohol	30		25	8.0	ppb v/v	5			TO-15	Total/NA
cis-1,2-Dichloroethene	3.2		0.25	0.11	ppb v/v	5			TO-15	Total/NA
1,2-Dichloroethene, Total	3.2		2.0	0.11	ppb v/v	5			TO-15	Total/NA
Chloroform	0.52	J	1.0	0.21	ppb v/v	5			TO-15	Total/NA
Tetrahydrofuran	27		25	6.5	ppb v/v	5			TO-15	Total/NA
Benzene	0.24	J	1.0	0.22	ppb v/v	5			TO-15	Total/NA
Trichloroethene	1.1		0.18	0.13	ppb v/v	5			TO-15	Total/NA
methyl isobutyl ketone	1.1	J	2.5	0.65	ppb v/v	5			TO-15	Total/NA
Toluene	2.1		1.0	0.31	ppb v/v	5			TO-15	Total/NA
Tetrachloroethene	130		1.0	0.11	ppb v/v	5			TO-15	Total/NA
m,p-Xylene	0.60	J	2.5	0.48	ppb v/v	5			TO-15	Total/NA
Xylene (total)	0.60	J	3.5	0.26	ppb v/v	5			TO-15	Total/NA
1,2,4-Trimethylbenzene	0.63	J	1.0	0.40	ppb v/v	5			TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
n-Butane	5.0	J	5.9	2.4	ug/m3	5			TO-15	Total/NA
Acetone	47	J	59	19	ug/m3	5			TO-15	Total/NA
Isopropyl alcohol	74		61	20	ug/m3	5			TO-15	Total/NA
cis-1,2-Dichloroethene	13		1.0	0.42	ug/m3	5			TO-15	Total/NA
1,2-Dichloroethene, Total	13		7.9	0.42	ug/m3	5			TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: AKRF Inc

Job ID: 200-73340-1

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

Client Sample ID: SVE-EFF_20240430 (Continued)

Lab Sample ID: 200-73340-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloroform	2.5	J	4.9	1.0	ug/m3	5			TO-15	Total/NA
Tetrahydrofuran	80		74	19	ug/m3	5			TO-15	Total/NA
Benzene	0.76	J	3.2	0.70	ug/m3	5			TO-15	Total/NA
Trichloroethene	6.2		0.94	0.67	ug/m3	5			TO-15	Total/NA
methyl isobutyl ketone	4.5	J	10	2.7	ug/m3	5			TO-15	Total/NA
Toluene	8.0		3.8	1.2	ug/m3	5			TO-15	Total/NA
Tetrachloroethene	880		6.8	0.71	ug/m3	5			TO-15	Total/NA
m,p-Xylene	2.6	J	11	2.1	ug/m3	5			TO-15	Total/NA
Xylene (total)	2.6	J	15	1.1	ug/m3	5			TO-15	Total/NA
1,2,4-Trimethylbenzene	3.1	J	4.9	2.0	ug/m3	5			TO-15	Total/NA

Client Sample ID: SVE-X_20240430

Lab Sample ID: 200-73340-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.40	J	1.0	0.22	ppb v/v	2			TO-15	Total/NA
Freon 22	0.49	J	1.0	0.24	ppb v/v	2			TO-15	Total/NA
n-Butane	2.1		1.0	0.40	ppb v/v	2			TO-15	Total/NA
Trichlorofluoromethane	0.19	J	0.40	0.10	ppb v/v	2			TO-15	Total/NA
Acetone	20		10	3.2	ppb v/v	2			TO-15	Total/NA
Isopropyl alcohol	11		10	3.2	ppb v/v	2			TO-15	Total/NA
Carbon disulfide	0.70	J	1.0	0.26	ppb v/v	2			TO-15	Total/NA
trans-1,2-Dichloroethene	0.049	J	0.40	0.046	ppb v/v	2			TO-15	Total/NA
n-Hexane	0.30	J	1.0	0.22	ppb v/v	2			TO-15	Total/NA
cis-1,2-Dichloroethene	3.4		0.10	0.042	ppb v/v	2			TO-15	Total/NA
1,2-Dichloroethene, Total	3.4		0.80	0.042	ppb v/v	2			TO-15	Total/NA
Chloroform	0.53		0.40	0.082	ppb v/v	2			TO-15	Total/NA
Tetrahydrofuran	36		10	2.6	ppb v/v	2			TO-15	Total/NA
Cyclohexane	0.20	J	0.40	0.12	ppb v/v	2			TO-15	Total/NA
Benzene	0.17	J	0.40	0.088	ppb v/v	2			TO-15	Total/NA
Trichloroethene	1.1		0.070	0.050	ppb v/v	2			TO-15	Total/NA
methyl isobutyl ketone	0.92	J	1.0	0.26	ppb v/v	2			TO-15	Total/NA
Toluene	1.4		0.40	0.12	ppb v/v	2			TO-15	Total/NA
Tetrachloroethene	29		0.40	0.042	ppb v/v	2			TO-15	Total/NA
m,p-Xylene	0.23	J	1.0	0.19	ppb v/v	2			TO-15	Total/NA
Xylene (total)	0.23	J	1.4	0.10	ppb v/v	2			TO-15	Total/NA
1,2,4-Trimethylbenzene	0.23	J	0.40	0.16	ppb v/v	2			TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.0	J	4.9	1.1	ug/m3	2			TO-15	Total/NA
Freon 22	1.7	J	3.5	0.85	ug/m3	2			TO-15	Total/NA
n-Butane	5.1		2.4	0.95	ug/m3	2			TO-15	Total/NA
Trichlorofluoromethane	1.1	J	2.2	0.56	ug/m3	2			TO-15	Total/NA
Acetone	48		24	7.6	ug/m3	2			TO-15	Total/NA
Isopropyl alcohol	27		25	7.9	ug/m3	2			TO-15	Total/NA
Carbon disulfide	2.2	J	3.1	0.81	ug/m3	2			TO-15	Total/NA
trans-1,2-Dichloroethene	0.20	J	1.6	0.18	ug/m3	2			TO-15	Total/NA
n-Hexane	1.1	J	3.5	0.78	ug/m3	2			TO-15	Total/NA
cis-1,2-Dichloroethene	13		0.40	0.17	ug/m3	2			TO-15	Total/NA
1,2-Dichloroethene, Total	14		3.2	0.17	ug/m3	2			TO-15	Total/NA
Chloroform	2.6		2.0	0.40	ug/m3	2			TO-15	Total/NA
Tetrahydrofuran	100		29	7.7	ug/m3	2			TO-15	Total/NA
Cyclohexane	0.68	J	1.4	0.40	ug/m3	2			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: 200-73340-1

Client Sample ID: SVE-X_20240430 (Continued)

Lab Sample ID: 200-73340-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzene	0.56	J	1.3	0.28	ug/m3	2			TO-15	Total/NA
Trichloroethene	6.0		0.38	0.27	ug/m3	2			TO-15	Total/NA
methyl isobutyl ketone	3.8	J	4.1	1.1	ug/m3	2			TO-15	Total/NA
Toluene	5.5		1.5	0.47	ug/m3	2			TO-15	Total/NA
Tetrachloroethene	200		2.7	0.28	ug/m3	2			TO-15	Total/NA
m,p-Xylene	1.0	J	4.3	0.83	ug/m3	2			TO-15	Total/NA
Xylene (total)	1.0	J	6.1	0.45	ug/m3	2			TO-15	Total/NA
1,2,4-Trimethylbenzene	1.1	J	2.0	0.79	ug/m3	2			TO-15	Total/NA

Client Sample ID: SVE-TB_20240430

Lab Sample ID: 200-73340-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Carbon disulfide	0.29	J	0.50	0.13	ppb v/v	1			TO-15	Total/NA
n-Hexane	0.20	J	0.50	0.11	ppb v/v	1			TO-15	Total/NA
methyl isobutyl ketone	0.17	J	0.50	0.13	ppb v/v	1			TO-15	Total/NA
Toluene	2.1		0.20	0.062	ppb v/v	1			TO-15	Total/NA
Tetrachloroethene	0.050	J	0.20	0.021	ppb v/v	1			TO-15	Total/NA
m,p-Xylene	0.099	J	0.50	0.095	ppb v/v	1			TO-15	Total/NA
Xylene (total)	0.099	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
Carbon disulfide	0.90	J	1.6	0.40	ug/m3	1			TO-15	Total/NA
n-Hexane	0.69	J	1.8	0.39	ug/m3	1			TO-15	Total/NA
methyl isobutyl ketone	0.70	J	2.0	0.53	ug/m3	1			TO-15	Total/NA
Toluene	7.9		0.75	0.23	ug/m3	1			TO-15	Total/NA
Tetrachloroethene	0.34	J	1.4	0.14	ug/m3	1			TO-15	Total/NA
m,p-Xylene	0.43	J	2.2	0.41	ug/m3	1			TO-15	Total/NA
Xylene (total)	0.43	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: 200-73340-1

Client Sample ID: SVE-INF_20240430

Lab Sample ID: 200-73340-1

Date Collected: 04/30/24 10:25

Matrix: Air

Date Received: 05/01/24 15:30

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	10	U	10	2.2	ppb v/v			05/02/24 13:54	20
Freon 22	10	U	10	2.4	ppb v/v			05/02/24 13:54	20
1,2-Dichlorotetrafluoroethane	4.0	U	4.0	0.96	ppb v/v			05/02/24 13:54	20
Chloromethane	10	U	10	3.0	ppb v/v			05/02/24 13:54	20
n-Butane	10	U	10	4.0	ppb v/v			05/02/24 13:54	20
Vinyl chloride	1.6	U	1.6	0.42	ppb v/v			05/02/24 13:54	20
1,3-Butadiene	4.0	U	4.0	0.78	ppb v/v			05/02/24 13:54	20
Bromomethane	4.0	U	4.0	1.4	ppb v/v			05/02/24 13:54	20
Chloroethane	10	U	10	3.6	ppb v/v			05/02/24 13:54	20
Bromoethene(Vinyl Bromide)	4.0	U	4.0	1.0	ppb v/v			05/02/24 13:54	20
Trichlorofluoromethane	4.0	U	4.0	1.0	ppb v/v			05/02/24 13:54	20
Freon TF	4.0	U	4.0	1.1	ppb v/v			05/02/24 13:54	20
1,1-Dichloroethene	0.70	U	0.70	0.52	ppb v/v			05/02/24 13:54	20
Acetone	100	U	100	32	ppb v/v			05/02/24 13:54	20
Isopropyl alcohol	100	U	100	32	ppb v/v			05/02/24 13:54	20
Carbon disulfide	10	U	10	2.6	ppb v/v			05/02/24 13:54	20
3-Chloropropene	10	U	10	2.4	ppb v/v			05/02/24 13:54	20
Methylene Chloride	10	U	10	3.6	ppb v/v			05/02/24 13:54	20
tert-Butyl alcohol	100	U	100	24	ppb v/v			05/02/24 13:54	20
Methyl tert-butyl ether	4.0	U	4.0	0.72	ppb v/v			05/02/24 13:54	20
trans-1,2-Dichloroethene	4.0	U	4.0	0.46	ppb v/v			05/02/24 13:54	20
n-Hexane	10	U	10	2.2	ppb v/v			05/02/24 13:54	20
1,1-Dichloroethane	4.0	U	4.0	0.50	ppb v/v			05/02/24 13:54	20
Methyl Ethyl Ketone	10	U	10	9.8	ppb v/v			05/02/24 13:54	20
cis-1,2-Dichloroethene	2.1		1.0	0.42	ppb v/v			05/02/24 13:54	20
1,2-Dichloroethene, Total	2.1 J		8.0	0.42	ppb v/v			05/02/24 13:54	20
Chloroform	4.0	U	4.0	0.82	ppb v/v			05/02/24 13:54	20
Tetrahydrofuran	100	U	100	26	ppb v/v			05/02/24 13:54	20
1,1,1-Trichloroethane	4.0	U	4.0	0.88	ppb v/v			05/02/24 13:54	20
Cyclohexane	4.0	U	4.0	1.2	ppb v/v			05/02/24 13:54	20
Carbon tetrachloride	0.70	U	0.70	0.44	ppb v/v			05/02/24 13:54	20
2,2,4-Trimethylpentane	4.0	U	4.0	0.76	ppb v/v			05/02/24 13:54	20
Benzene	4.0	U	4.0	0.88	ppb v/v			05/02/24 13:54	20
1,2-Dichloroethane	4.0	U	4.0	1.9	ppb v/v			05/02/24 13:54	20
n-Heptane	4.0	U	4.0	1.1	ppb v/v			05/02/24 13:54	20
Trichloroethene	1.5		0.70	0.50	ppb v/v			05/02/24 13:54	20
Methyl methacrylate	10	U	10	2.8	ppb v/v			05/02/24 13:54	20
1,2-Dichloropropane	4.0	U	4.0	1.9	ppb v/v			05/02/24 13:54	20
1,4-Dioxane	100	U	100	1.6	ppb v/v			05/02/24 13:54	20
Bromodichloromethane	4.0	U	4.0	1.0	ppb v/v			05/02/24 13:54	20
cis-1,3-Dichloropropene	4.0	U	4.0	0.90	ppb v/v			05/02/24 13:54	20
methyl isobutyl ketone	10	U	10	2.6	ppb v/v			05/02/24 13:54	20
Toluene	1.6 J		4.0	1.2	ppb v/v			05/02/24 13:54	20
trans-1,3-Dichloropropene	4.0	U	4.0	1.1	ppb v/v			05/02/24 13:54	20
1,1,2-Trichloroethane	4.0	U	4.0	1.5	ppb v/v			05/02/24 13:54	20
Tetrachloroethene	330		4.0	0.42	ppb v/v			05/02/24 13:54	20
Methyl Butyl Ketone (2-Hexanone)	10	U	10	3.0	ppb v/v			05/02/24 13:54	20
Dibromochloromethane	4.0	U	4.0	1.3	ppb v/v			05/02/24 13:54	20

Eurofins Burlington

Client Sample Results

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

Job ID: 200-73340-1

Client Sample ID: SVE-INF_20240430

Lab Sample ID: 200-73340-1

Date Collected: 04/30/24 10:25

Matrix: Air

Date Received: 05/01/24 15:30

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	4.0	U	4.0	0.84	ppb v/v			05/02/24 13:54	20
Chlorobenzene	4.0	U	4.0	0.88	ppb v/v			05/02/24 13:54	20
Ethylbenzene	4.0	U	4.0	1.4	ppb v/v			05/02/24 13:54	20
m,p-Xylene	10	U	10	1.9	ppb v/v			05/02/24 13:54	20
Xylene, o-	4.0	U	4.0	1.3	ppb v/v			05/02/24 13:54	20
Xylene (total)	14	U	14	1.0	ppb v/v			05/02/24 13:54	20
Styrene	4.0	U	4.0	1.2	ppb v/v			05/02/24 13:54	20
Bromoform	4.0	U	4.0	2.4	ppb v/v			05/02/24 13:54	20
Cumene	4.0	U	4.0	0.82	ppb v/v			05/02/24 13:54	20
1,1,2,2-Tetrachloroethane	4.0	U	4.0	0.86	ppb v/v			05/02/24 13:54	20
n-Propylbenzene	4.0	U	4.0	0.94	ppb v/v			05/02/24 13:54	20
4-Ethyltoluene	4.0	U	4.0	0.98	ppb v/v			05/02/24 13:54	20
1,3,5-Trimethylbenzene	4.0	U	4.0	0.94	ppb v/v			05/02/24 13:54	20
2-Chlorotoluene	4.0	U	4.0	0.92	ppb v/v			05/02/24 13:54	20
tert-Butylbenzene	4.0	U	4.0	0.94	ppb v/v			05/02/24 13:54	20
1,2,4-Trimethylbenzene	4.0	U	4.0	1.6	ppb v/v			05/02/24 13:54	20
sec-Butylbenzene	4.0	U	4.0	0.90	ppb v/v			05/02/24 13:54	20
4-Isopropyltoluene	4.0	U	4.0	1.2	ppb v/v			05/02/24 13:54	20
1,3-Dichlorobenzene	4.0	U	4.0	1.5	ppb v/v			05/02/24 13:54	20
1,4-Dichlorobenzene	4.0	U	4.0	1.8	ppb v/v			05/02/24 13:54	20
Benzyl chloride	4.0	U	4.0	1.8	ppb v/v			05/02/24 13:54	20
n-Butylbenzene	4.0	U	4.0	2.2	ppb v/v			05/02/24 13:54	20
1,2-Dichlorobenzene	4.0	U	4.0	1.3	ppb v/v			05/02/24 13:54	20
1,2,4-Trichlorobenzene	10	U	10	6.6	ppb v/v			05/02/24 13:54	20
Hexachlorobutadiene	4.0	U **	4.0	2.2	ppb v/v			05/02/24 13:54	20
Naphthalene	10	U	10	6.0	ppb v/v			05/02/24 13:54	20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	49	U	49	11	ug/m3			05/02/24 13:54	20
Freon 22	35	U	35	8.5	ug/m3			05/02/24 13:54	20
1,2-Dichlorotetrafluoroethane	28	U	28	6.7	ug/m3			05/02/24 13:54	20
Chloromethane	21	U	21	6.2	ug/m3			05/02/24 13:54	20
n-Butane	24	U	24	9.5	ug/m3			05/02/24 13:54	20
Vinyl chloride	4.0	U	4.0	1.1	ug/m3			05/02/24 13:54	20
1,3-Butadiene	8.8	U	8.8	1.7	ug/m3			05/02/24 13:54	20
Bromomethane	16	U	16	5.5	ug/m3			05/02/24 13:54	20
Chloroethane	26	U	26	9.5	ug/m3			05/02/24 13:54	20
Bromoethene(Vinyl Bromide)	17	U	17	4.4	ug/m3			05/02/24 13:54	20
Trichlorofluoromethane	22	U	22	5.6	ug/m3			05/02/24 13:54	20
Freon TF	31	U	31	8.1	ug/m3			05/02/24 13:54	20
1,1-Dichloroethene	2.8	U	2.8	2.1	ug/m3			05/02/24 13:54	20
Acetone	240	U	240	76	ug/m3			05/02/24 13:54	20
Isopropyl alcohol	250	U	250	79	ug/m3			05/02/24 13:54	20
Carbon disulfide	31	U	31	8.1	ug/m3			05/02/24 13:54	20
3-Chloropropene	31	U	31	7.5	ug/m3			05/02/24 13:54	20
Methylene Chloride	35	U	35	13	ug/m3			05/02/24 13:54	20
tert-Butyl alcohol	300	U	300	73	ug/m3			05/02/24 13:54	20
Methyl tert-butyl ether	14	U	14	2.6	ug/m3			05/02/24 13:54	20
trans-1,2-Dichloroethene	16	U	16	1.8	ug/m3			05/02/24 13:54	20

Eurofins Burlington

Client Sample Results

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

Job ID: 200-73340-1

Client Sample ID: SVE-INF_20240430

Lab Sample ID: 200-73340-1

Date Collected: 04/30/24 10:25

Matrix: Air

Date Received: 05/01/24 15:30

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	35	U	35	7.8	ug/m3			05/02/24 13:54	20
1,1-Dichloroethane	16	U	16	2.0	ug/m3			05/02/24 13:54	20
Methyl Ethyl Ketone	29	U	29	29	ug/m3			05/02/24 13:54	20
cis-1,2-Dichloroethene	8.2		4.0	1.7	ug/m3			05/02/24 13:54	20
1,2-Dichloroethene, Total	8.3 J		32	1.7	ug/m3			05/02/24 13:54	20
Chloroform	20	U	20	4.0	ug/m3			05/02/24 13:54	20
Tetrahydrofuran	290	U	290	77	ug/m3			05/02/24 13:54	20
1,1,1-Trichloroethane	22	U	22	4.8	ug/m3			05/02/24 13:54	20
Cyclohexane	14	U	14	4.0	ug/m3			05/02/24 13:54	20
Carbon tetrachloride	4.4	U	4.4	2.8	ug/m3			05/02/24 13:54	20
2,2,4-Trimethylpentane	19	U	19	3.6	ug/m3			05/02/24 13:54	20
Benzene	13	U	13	2.8	ug/m3			05/02/24 13:54	20
1,2-Dichloroethane	16	U	16	7.5	ug/m3			05/02/24 13:54	20
n-Heptane	16	U	16	4.5	ug/m3			05/02/24 13:54	20
Trichloroethene	8.3		3.8	2.7	ug/m3			05/02/24 13:54	20
Methyl methacrylate	41	U	41	11	ug/m3			05/02/24 13:54	20
1,2-Dichloropropane	18	U	18	8.7	ug/m3			05/02/24 13:54	20
1,4-Dioxane	360	U	360	5.9	ug/m3			05/02/24 13:54	20
Bromodichloromethane	27	U	27	6.7	ug/m3			05/02/24 13:54	20
cis-1,3-Dichloropropene	18	U	18	4.1	ug/m3			05/02/24 13:54	20
methyl isobutyl ketone	41	U	41	11	ug/m3			05/02/24 13:54	20
Toluene	6.2 J		15	4.7	ug/m3			05/02/24 13:54	20
trans-1,3-Dichloropropene	18	U	18	4.9	ug/m3			05/02/24 13:54	20
1,1,2-Trichloroethane	22	U	22	8.1	ug/m3			05/02/24 13:54	20
Tetrachloroethene	2200		27	2.8	ug/m3			05/02/24 13:54	20
Methyl Butyl Ketone (2-Hexanone)	41	U	41	12	ug/m3			05/02/24 13:54	20
Dibromochloromethane	34	U	34	11	ug/m3			05/02/24 13:54	20
1,2-Dibromoethane	31	U	31	6.5	ug/m3			05/02/24 13:54	20
Chlorobenzene	18	U	18	4.1	ug/m3			05/02/24 13:54	20
Ethylbenzene	17	U	17	6.0	ug/m3			05/02/24 13:54	20
m,p-Xylene	43	U	43	8.3	ug/m3			05/02/24 13:54	20
Xylene, o-	17	U	17	5.5	ug/m3			05/02/24 13:54	20
Xylene (total)	61	U	61	4.5	ug/m3			05/02/24 13:54	20
Styrene	17	U	17	5.0	ug/m3			05/02/24 13:54	20
Bromoform	41	U	41	25	ug/m3			05/02/24 13:54	20
Cumene	20	U	20	4.0	ug/m3			05/02/24 13:54	20
1,1,2,2-Tetrachloroethane	27	U	27	5.9	ug/m3			05/02/24 13:54	20
n-Propylbenzene	20	U	20	4.6	ug/m3			05/02/24 13:54	20
4-Ethyltoluene	20	U	20	4.8	ug/m3			05/02/24 13:54	20
1,3,5-Trimethylbenzene	20	U	20	4.6	ug/m3			05/02/24 13:54	20
2-Chlorotoluene	21	U	21	4.8	ug/m3			05/02/24 13:54	20
tert-Butylbenzene	22	U	22	5.2	ug/m3			05/02/24 13:54	20
1,2,4-Trimethylbenzene	20	U	20	7.9	ug/m3			05/02/24 13:54	20
sec-Butylbenzene	22	U	22	4.9	ug/m3			05/02/24 13:54	20
4-Isopropyltoluene	22	U	22	6.7	ug/m3			05/02/24 13:54	20
1,3-Dichlorobenzene	24	U	24	8.9	ug/m3			05/02/24 13:54	20
1,4-Dichlorobenzene	24	U	24	11	ug/m3			05/02/24 13:54	20
Benzyl chloride	21	U	21	9.1	ug/m3			05/02/24 13:54	20

Eurofins Burlington

Client Sample Results

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

Job ID: 200-73340-1

Client Sample ID: SVE-INF_20240430

Lab Sample ID: 200-73340-1

Date Collected: 04/30/24 10:25

Matrix: Air

Date Received: 05/01/24 15:30

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	22	U	22	12	ug/m3			05/02/24 13:54	20
1,2-Dichlorobenzene	24	U	24	7.9	ug/m3			05/02/24 13:54	20
1,2,4-Trichlorobenzene	74	U	74	49	ug/m3			05/02/24 13:54	20
Hexachlorobutadiene	43	U **	43	23	ug/m3			05/02/24 13:54	20
Naphthalene	52	U	52	31	ug/m3			05/02/24 13:54	20

Client Sample ID: SVE-INT_20240430

Lab Sample ID: 200-73340-2

Date Collected: 04/30/24 10:32

Matrix: Air

Date Received: 05/01/24 15:30

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	10	U	10	2.2	ppb v/v			05/02/24 14:46	20
Freon 22	10	U	10	2.4	ppb v/v			05/02/24 14:46	20
1,2-Dichlorotetrafluoroethane	4.0	U	4.0	0.96	ppb v/v			05/02/24 14:46	20
Chloromethane	10	U	10	3.0	ppb v/v			05/02/24 14:46	20
n-Butane	10	U	10	4.0	ppb v/v			05/02/24 14:46	20
Vinyl chloride	1.6	U	1.6	0.42	ppb v/v			05/02/24 14:46	20
1,3-Butadiene	4.0	U	4.0	0.78	ppb v/v			05/02/24 14:46	20
Bromomethane	4.0	U	4.0	1.4	ppb v/v			05/02/24 14:46	20
Chloroethane	10	U	10	3.6	ppb v/v			05/02/24 14:46	20
Bromoethene(Vinyl Bromide)	4.0	U	4.0	1.0	ppb v/v			05/02/24 14:46	20
Trichlorofluoromethane	4.0	U	4.0	1.0	ppb v/v			05/02/24 14:46	20
Freon TF	4.0	U	4.0	1.1	ppb v/v			05/02/24 14:46	20
1,1-Dichloroethene	0.70	U	0.70	0.52	ppb v/v			05/02/24 14:46	20
Acetone	100	U	100	32	ppb v/v			05/02/24 14:46	20
Isopropyl alcohol	100	U	100	32	ppb v/v			05/02/24 14:46	20
Carbon disulfide	10	U	10	2.6	ppb v/v			05/02/24 14:46	20
3-Chloropropene	10	U	10	2.4	ppb v/v			05/02/24 14:46	20
Methylene Chloride	10	U	10	3.6	ppb v/v			05/02/24 14:46	20
tert-Butyl alcohol	100	U	100	24	ppb v/v			05/02/24 14:46	20
Methyl tert-butyl ether	4.0	U	4.0	0.72	ppb v/v			05/02/24 14:46	20
trans-1,2-Dichloroethene	4.0	U	4.0	0.46	ppb v/v			05/02/24 14:46	20
n-Hexane	10	U	10	2.2	ppb v/v			05/02/24 14:46	20
1,1-Dichloroethane	4.0	U	4.0	0.50	ppb v/v			05/02/24 14:46	20
Methyl Ethyl Ketone	10	U	10	9.8	ppb v/v			05/02/24 14:46	20
cis-1,2-Dichloroethene	2.2		1.0	0.42	ppb v/v			05/02/24 14:46	20
1,2-Dichloroethene, Total	2.2	J	8.0	0.42	ppb v/v			05/02/24 14:46	20
Chloroform	4.0	U	4.0	0.82	ppb v/v			05/02/24 14:46	20
Tetrahydrofuran	100	U	100	26	ppb v/v			05/02/24 14:46	20
1,1,1-Trichloroethane	4.0	U	4.0	0.88	ppb v/v			05/02/24 14:46	20
Cyclohexane	4.0	U	4.0	1.2	ppb v/v			05/02/24 14:46	20
Carbon tetrachloride	0.70	U	0.70	0.44	ppb v/v			05/02/24 14:46	20
2,2,4-Trimethylpentane	4.0	U	4.0	0.76	ppb v/v			05/02/24 14:46	20
Benzene	4.0	U	4.0	0.88	ppb v/v			05/02/24 14:46	20
1,2-Dichloroethane	4.0	U	4.0	1.9	ppb v/v			05/02/24 14:46	20
n-Heptane	4.0	U	4.0	1.1	ppb v/v			05/02/24 14:46	20
Trichloroethene	1.5		0.70	0.50	ppb v/v			05/02/24 14:46	20

Eurofins Burlington

Client Sample Results

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

Job ID: 200-73340-1

Client Sample ID: SVE-INT_20240430

Lab Sample ID: 200-73340-2

Date Collected: 04/30/24 10:32

Matrix: Air

Date Received: 05/01/24 15:30

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	10	U	10	2.8	ppb v/v			05/02/24 14:46	20
1,2-Dichloropropane	4.0	U	4.0	1.9	ppb v/v			05/02/24 14:46	20
1,4-Dioxane	100	U	100	1.6	ppb v/v			05/02/24 14:46	20
Bromodichloromethane	4.0	U	4.0	1.0	ppb v/v			05/02/24 14:46	20
cis-1,3-Dichloropropene	4.0	U	4.0	0.90	ppb v/v			05/02/24 14:46	20
methyl isobutyl ketone	10	U	10	2.6	ppb v/v			05/02/24 14:46	20
Toluene	1.8	J	4.0	1.2	ppb v/v			05/02/24 14:46	20
trans-1,3-Dichloropropene	4.0	U	4.0	1.1	ppb v/v			05/02/24 14:46	20
1,1,2-Trichloroethane	4.0	U	4.0	1.5	ppb v/v			05/02/24 14:46	20
Tetrachloroethene	330		4.0	0.42	ppb v/v			05/02/24 14:46	20
Methyl Butyl Ketone (2-Hexanone)	10	U	10	3.0	ppb v/v			05/02/24 14:46	20
Dibromochloromethane	4.0	U	4.0	1.3	ppb v/v			05/02/24 14:46	20
1,2-Dibromoethane	4.0	U	4.0	0.84	ppb v/v			05/02/24 14:46	20
Chlorobenzene	4.0	U	4.0	0.88	ppb v/v			05/02/24 14:46	20
Ethylbenzene	4.0	U	4.0	1.4	ppb v/v			05/02/24 14:46	20
m,p-Xylene	10	U	10	1.9	ppb v/v			05/02/24 14:46	20
Xylene, o-	4.0	U	4.0	1.3	ppb v/v			05/02/24 14:46	20
Xylene (total)	14	U	14	1.0	ppb v/v			05/02/24 14:46	20
Styrene	4.0	U	4.0	1.2	ppb v/v			05/02/24 14:46	20
Bromoform	4.0	U	4.0	2.4	ppb v/v			05/02/24 14:46	20
Cumene	4.0	U	4.0	0.82	ppb v/v			05/02/24 14:46	20
1,1,2,2-Tetrachloroethane	4.0	U	4.0	0.86	ppb v/v			05/02/24 14:46	20
n-Propylbenzene	4.0	U	4.0	0.94	ppb v/v			05/02/24 14:46	20
4-Ethyltoluene	4.0	U	4.0	0.98	ppb v/v			05/02/24 14:46	20
1,3,5-Trimethylbenzene	4.0	U	4.0	0.94	ppb v/v			05/02/24 14:46	20
2-Chlorotoluene	4.0	U	4.0	0.92	ppb v/v			05/02/24 14:46	20
tert-Butylbenzene	4.0	U	4.0	0.94	ppb v/v			05/02/24 14:46	20
1,2,4-Trimethylbenzene	4.0	U	4.0	1.6	ppb v/v			05/02/24 14:46	20
sec-Butylbenzene	4.0	U	4.0	0.90	ppb v/v			05/02/24 14:46	20
4-Isopropyltoluene	4.0	U	4.0	1.2	ppb v/v			05/02/24 14:46	20
1,3-Dichlorobenzene	4.0	U	4.0	1.5	ppb v/v			05/02/24 14:46	20
1,4-Dichlorobenzene	4.0	U	4.0	1.8	ppb v/v			05/02/24 14:46	20
Benzyl chloride	4.0	U	4.0	1.8	ppb v/v			05/02/24 14:46	20
n-Butylbenzene	4.0	U	4.0	2.2	ppb v/v			05/02/24 14:46	20
1,2-Dichlorobenzene	4.0	U	4.0	1.3	ppb v/v			05/02/24 14:46	20
1,2,4-Trichlorobenzene	10	U	10	6.6	ppb v/v			05/02/24 14:46	20
Hexachlorobutadiene	4.0	U **	4.0	2.2	ppb v/v			05/02/24 14:46	20
Naphthalene	10	U	10	6.0	ppb v/v			05/02/24 14:46	20
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	49	U	49	11	ug/m3			05/02/24 14:46	20
Freon 22	35	U	35	8.5	ug/m3			05/02/24 14:46	20
1,2-Dichlorotetrafluoroethane	28	U	28	6.7	ug/m3			05/02/24 14:46	20
Chloromethane	21	U	21	6.2	ug/m3			05/02/24 14:46	20
n-Butane	24	U	24	9.5	ug/m3			05/02/24 14:46	20
Vinyl chloride	4.0	U	4.0	1.1	ug/m3			05/02/24 14:46	20
1,3-Butadiene	8.8	U	8.8	1.7	ug/m3			05/02/24 14:46	20
Bromomethane	16	U	16	5.5	ug/m3			05/02/24 14:46	20
Chloroethane	26	U	26	9.5	ug/m3			05/02/24 14:46	20

Eurofins Burlington

Client Sample Results

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

Job ID: 200-73340-1

Client Sample ID: SVE-INT_20240430

Lab Sample ID: 200-73340-2

Date Collected: 04/30/24 10:32

Matrix: Air

Date Received: 05/01/24 15:30

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
Bromoethene(Vinyl Bromide)	17	U	17	4.4	ug/m3			05/02/24 14:46	20
Trichlorofluoromethane	22	U	22	5.6	ug/m3			05/02/24 14:46	20
Freon TF	31	U	31	8.1	ug/m3			05/02/24 14:46	20
1,1-Dichloroethene	2.8	U	2.8	2.1	ug/m3			05/02/24 14:46	20
Acetone	240	U	240	76	ug/m3			05/02/24 14:46	20
Isopropyl alcohol	250	U	250	79	ug/m3			05/02/24 14:46	20
Carbon disulfide	31	U	31	8.1	ug/m3			05/02/24 14:46	20
3-Chloropropene	31	U	31	7.5	ug/m3			05/02/24 14:46	20
Methylene Chloride	35	U	35	13	ug/m3			05/02/24 14:46	20
tert-Butyl alcohol	300	U	300	73	ug/m3			05/02/24 14:46	20
Methyl tert-butyl ether	14	U	14	2.6	ug/m3			05/02/24 14:46	20
trans-1,2-Dichloroethene	16	U	16	1.8	ug/m3			05/02/24 14:46	20
n-Hexane	35	U	35	7.8	ug/m3			05/02/24 14:46	20
1,1-Dichloroethane	16	U	16	2.0	ug/m3			05/02/24 14:46	20
Methyl Ethyl Ketone	29	U	29	29	ug/m3			05/02/24 14:46	20
cis-1,2-Dichloroethene	8.6		4.0	1.7	ug/m3			05/02/24 14:46	20
1,2-Dichloroethene, Total	8.7	J	32	1.7	ug/m3			05/02/24 14:46	20
Chloroform	20	U	20	4.0	ug/m3			05/02/24 14:46	20
Tetrahydrofuran	290	U	290	77	ug/m3			05/02/24 14:46	20
1,1,1-Trichloroethane	22	U	22	4.8	ug/m3			05/02/24 14:46	20
Cyclohexane	14	U	14	4.0	ug/m3			05/02/24 14:46	20
Carbon tetrachloride	4.4	U	4.4	2.8	ug/m3			05/02/24 14:46	20
2,2,4-Trimethylpentane	19	U	19	3.6	ug/m3			05/02/24 14:46	20
Benzene	13	U	13	2.8	ug/m3			05/02/24 14:46	20
1,2-Dichloroethane	16	U	16	7.5	ug/m3			05/02/24 14:46	20
n-Heptane	16	U	16	4.5	ug/m3			05/02/24 14:46	20
Trichloroethene	7.9		3.8	2.7	ug/m3			05/02/24 14:46	20
Methyl methacrylate	41	U	41	11	ug/m3			05/02/24 14:46	20
1,2-Dichloropropane	18	U	18	8.7	ug/m3			05/02/24 14:46	20
1,4-Dioxane	360	U	360	5.9	ug/m3			05/02/24 14:46	20
Bromodichloromethane	27	U	27	6.7	ug/m3			05/02/24 14:46	20
cis-1,3-Dichloropropene	18	U	18	4.1	ug/m3			05/02/24 14:46	20
methyl isobutyl ketone	41	U	41	11	ug/m3			05/02/24 14:46	20
Toluene	7.0	J	15	4.7	ug/m3			05/02/24 14:46	20
trans-1,3-Dichloropropene	18	U	18	4.9	ug/m3			05/02/24 14:46	20
1,1,2-Trichloroethane	22	U	22	8.1	ug/m3			05/02/24 14:46	20
Tetrachloroethene	2300		27	2.8	ug/m3			05/02/24 14:46	20
Methyl Butyl Ketone (2-Hexanone)	41	U	41	12	ug/m3			05/02/24 14:46	20
Dibromochloromethane	34	U	34	11	ug/m3			05/02/24 14:46	20
1,2-Dibromoethane	31	U	31	6.5	ug/m3			05/02/24 14:46	20
Chlorobenzene	18	U	18	4.1	ug/m3			05/02/24 14:46	20
Ethylbenzene	17	U	17	6.0	ug/m3			05/02/24 14:46	20
m,p-Xylene	43	U	43	8.3	ug/m3			05/02/24 14:46	20
Xylene, o-	17	U	17	5.5	ug/m3			05/02/24 14:46	20
Xylene (total)	61	U	61	4.5	ug/m3			05/02/24 14:46	20
Styrene	17	U	17	5.0	ug/m3			05/02/24 14:46	20
Bromoform	41	U	41	25	ug/m3			05/02/24 14:46	20
Cumene	20	U	20	4.0	ug/m3			05/02/24 14:46	20

Eurofins Burlington

Client Sample Results

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

Job ID: 200-73340-1

Client Sample ID: SVE-INT_20240430

Lab Sample ID: 200-73340-2

Date Collected: 04/30/24 10:32

Matrix: Air

Date Received: 05/01/24 15:30

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
1,1,2,2-Tetrachloroethane	27	U	27	5.9	ug/m3			05/02/24 14:46	20
n-Propylbenzene	20	U	20	4.6	ug/m3			05/02/24 14:46	20
4-Ethyltoluene	20	U	20	4.8	ug/m3			05/02/24 14:46	20
1,3,5-Trimethylbenzene	20	U	20	4.6	ug/m3			05/02/24 14:46	20
2-Chlorotoluene	21	U	21	4.8	ug/m3			05/02/24 14:46	20
tert-Butylbenzene	22	U	22	5.2	ug/m3			05/02/24 14:46	20
1,2,4-Trimethylbenzene	20	U	20	7.9	ug/m3			05/02/24 14:46	20
sec-Butylbenzene	22	U	22	4.9	ug/m3			05/02/24 14:46	20
4-Isopropyltoluene	22	U	22	6.7	ug/m3			05/02/24 14:46	20
1,3-Dichlorobenzene	24	U	24	8.9	ug/m3			05/02/24 14:46	20
1,4-Dichlorobenzene	24	U	24	11	ug/m3			05/02/24 14:46	20
Benzyl chloride	21	U	21	9.1	ug/m3			05/02/24 14:46	20
n-Butylbenzene	22	U	22	12	ug/m3			05/02/24 14:46	20
1,2-Dichlorobenzene	24	U	24	7.9	ug/m3			05/02/24 14:46	20
1,2,4-Trichlorobenzene	74	U	74	49	ug/m3			05/02/24 14:46	20
Hexachlorobutadiene	43	U *	43	23	ug/m3			05/02/24 14:46	20
Naphthalene	52	U	52	31	ug/m3			05/02/24 14:46	20

Client Sample ID: SVE-EFF_20240430

Lab Sample ID: 200-73340-3

Date Collected: 04/30/24 10:35

Matrix: Air

Date Received: 05/01/24 15:30

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	2.5	U	2.5	0.55	ppb v/v			05/02/24 15:38	5
Freon 22	2.5	U	2.5	0.60	ppb v/v			05/02/24 15:38	5
1,2-Dichlorotetrafluoroethane	1.0	U	1.0	0.24	ppb v/v			05/02/24 15:38	5
Chloromethane	2.5	U	2.5	0.75	ppb v/v			05/02/24 15:38	5
n-Butane	2.1	J	2.5	1.0	ppb v/v			05/02/24 15:38	5
Vinyl chloride	0.39	U	0.39	0.11	ppb v/v			05/02/24 15:38	5
1,3-Butadiene	1.0	U	1.0	0.20	ppb v/v			05/02/24 15:38	5
Bromomethane	1.0	U	1.0	0.36	ppb v/v			05/02/24 15:38	5
Chloroethane	2.5	U	2.5	0.90	ppb v/v			05/02/24 15:38	5
Bromoethene(Vinyl Bromide)	1.0	U	1.0	0.25	ppb v/v			05/02/24 15:38	5
Trichlorofluoromethane	1.0	U	1.0	0.25	ppb v/v			05/02/24 15:38	5
Freon TF	1.0	U	1.0	0.27	ppb v/v			05/02/24 15:38	5
1,1-Dichloroethene	0.18	U	0.18	0.13	ppb v/v			05/02/24 15:38	5
Acetone	20	J	25	8.0	ppb v/v			05/02/24 15:38	5
Isopropyl alcohol	30		25	8.0	ppb v/v			05/02/24 15:38	5
Carbon disulfide	2.5	U	2.5	0.65	ppb v/v			05/02/24 15:38	5
3-Chloropropene	2.5	U	2.5	0.60	ppb v/v			05/02/24 15:38	5
Methylene Chloride	2.5	U	2.5	0.90	ppb v/v			05/02/24 15:38	5
tert-Butyl alcohol	25	U	25	6.0	ppb v/v			05/02/24 15:38	5
Methyl tert-butyl ether	1.0	U	1.0	0.18	ppb v/v			05/02/24 15:38	5
trans-1,2-Dichloroethene	1.0	U	1.0	0.12	ppb v/v			05/02/24 15:38	5
n-Hexane	2.5	U	2.5	0.55	ppb v/v			05/02/24 15:38	5
1,1-Dichloroethane	1.0	U	1.0	0.13	ppb v/v			05/02/24 15:38	5
Methyl Ethyl Ketone	2.5	U	2.5	2.5	ppb v/v			05/02/24 15:38	5

Eurofins Burlington

Client Sample Results

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

Job ID: 200-73340-1

Client Sample ID: SVE-EFF_20240430

Lab Sample ID: 200-73340-3

Date Collected: 04/30/24 10:35

Matrix: Air

Date Received: 05/01/24 15:30

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
cis-1,2-Dichloroethene	3.2		0.25	0.11	ppb v/v			05/02/24 15:38	5
1,2-Dichloroethene, Total	3.2		2.0	0.11	ppb v/v			05/02/24 15:38	5
Chloroform	0.52	J	1.0	0.21	ppb v/v			05/02/24 15:38	5
Tetrahydrofuran	27		25	6.5	ppb v/v			05/02/24 15:38	5
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ppb v/v			05/02/24 15:38	5
Cyclohexane	1.0	U	1.0	0.29	ppb v/v			05/02/24 15:38	5
Carbon tetrachloride	0.18	U	0.18	0.11	ppb v/v			05/02/24 15:38	5
2,2,4-Trimethylpentane	1.0	U	1.0	0.19	ppb v/v			05/02/24 15:38	5
Benzene	0.24	J	1.0	0.22	ppb v/v			05/02/24 15:38	5
1,2-Dichloroethane	1.0	U	1.0	0.47	ppb v/v			05/02/24 15:38	5
n-Heptane	1.0	U	1.0	0.28	ppb v/v			05/02/24 15:38	5
Trichloroethene	1.1		0.18	0.13	ppb v/v			05/02/24 15:38	5
Methyl methacrylate	2.5	U	2.5	0.70	ppb v/v			05/02/24 15:38	5
1,2-Dichloropropane	1.0	U	1.0	0.47	ppb v/v			05/02/24 15:38	5
1,4-Dioxane	25	U	25	0.41	ppb v/v			05/02/24 15:38	5
Bromodichloromethane	1.0	U	1.0	0.25	ppb v/v			05/02/24 15:38	5
cis-1,3-Dichloropropene	1.0	U	1.0	0.23	ppb v/v			05/02/24 15:38	5
methyl isobutyl ketone	1.1	J	2.5	0.65	ppb v/v			05/02/24 15:38	5
Toluene	2.1		1.0	0.31	ppb v/v			05/02/24 15:38	5
trans-1,3-Dichloropropene	1.0	U	1.0	0.27	ppb v/v			05/02/24 15:38	5
1,1,2-Trichloroethane	1.0	U	1.0	0.37	ppb v/v			05/02/24 15:38	5
Tetrachloroethene	130		1.0	0.11	ppb v/v			05/02/24 15:38	5
Methyl Butyl Ketone (2-Hexanone)	2.5	U	2.5	0.75	ppb v/v			05/02/24 15:38	5
Dibromochloromethane	1.0	U	1.0	0.32	ppb v/v			05/02/24 15:38	5
1,2-Dibromoethane	1.0	U	1.0	0.21	ppb v/v			05/02/24 15:38	5
Chlorobenzene	1.0	U	1.0	0.22	ppb v/v			05/02/24 15:38	5
Ethylbenzene	1.0	U	1.0	0.35	ppb v/v			05/02/24 15:38	5
m,p-Xylene	0.60	J	2.5	0.48	ppb v/v			05/02/24 15:38	5
Xylene, o-	1.0	U	1.0	0.32	ppb v/v			05/02/24 15:38	5
Xylene (total)	0.60	J	3.5	0.26	ppb v/v			05/02/24 15:38	5
Styrene	1.0	U	1.0	0.30	ppb v/v			05/02/24 15:38	5
Bromoform	1.0	U	1.0	0.60	ppb v/v			05/02/24 15:38	5
Cumene	1.0	U	1.0	0.21	ppb v/v			05/02/24 15:38	5
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.22	ppb v/v			05/02/24 15:38	5
n-Propylbenzene	1.0	U	1.0	0.24	ppb v/v			05/02/24 15:38	5
4-Ethyltoluene	1.0	U	1.0	0.25	ppb v/v			05/02/24 15:38	5
1,3,5-Trimethylbenzene	1.0	U	1.0	0.24	ppb v/v			05/02/24 15:38	5
2-Chlorotoluene	1.0	U	1.0	0.23	ppb v/v			05/02/24 15:38	5
tert-Butylbenzene	1.0	U	1.0	0.24	ppb v/v			05/02/24 15:38	5
1,2,4-Trimethylbenzene	0.63	J	1.0	0.40	ppb v/v			05/02/24 15:38	5
sec-Butylbenzene	1.0	U	1.0	0.23	ppb v/v			05/02/24 15:38	5
4-Isopropyltoluene	1.0	U	1.0	0.31	ppb v/v			05/02/24 15:38	5
1,3-Dichlorobenzene	1.0	U	1.0	0.37	ppb v/v			05/02/24 15:38	5
1,4-Dichlorobenzene	1.0	U	1.0	0.45	ppb v/v			05/02/24 15:38	5
Benzyl chloride	1.0	U	1.0	0.44	ppb v/v			05/02/24 15:38	5
n-Butylbenzene	1.0	U	1.0	0.55	ppb v/v			05/02/24 15:38	5
1,2-Dichlorobenzene	1.0	U	1.0	0.33	ppb v/v			05/02/24 15:38	5
1,2,4-Trichlorobenzene	2.5	U	2.5	1.7	ppb v/v			05/02/24 15:38	5

Eurofins Burlington

Client Sample Results

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

Job ID: 200-73340-1

Client Sample ID: SVE-EFF_20240430

Lab Sample ID: 200-73340-3

Date Collected: 04/30/24 10:35

Matrix: Air

Date Received: 05/01/24 15:30

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
Hexachlorobutadiene	1.0	U **	1.0	0.55	ppb v/v			05/02/24 15:38	5
Naphthalene	2.5	U	2.5	1.5	ppb v/v			05/02/24 15:38	5
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	12	U	12	2.7	ug/m3			05/02/24 15:38	5
Freon 22	8.8	U	8.8	2.1	ug/m3			05/02/24 15:38	5
1,2-Dichlorotetrafluoroethane	7.0	U	7.0	1.7	ug/m3			05/02/24 15:38	5
Chloromethane	5.2	U	5.2	1.5	ug/m3			05/02/24 15:38	5
n-Butane	5.0	J	5.9	2.4	ug/m3			05/02/24 15:38	5
Vinyl chloride	1.0	U	1.0	0.27	ug/m3			05/02/24 15:38	5
1,3-Butadiene	2.2	U	2.2	0.43	ug/m3			05/02/24 15:38	5
Bromomethane	3.9	U	3.9	1.4	ug/m3			05/02/24 15:38	5
Chloroethane	6.6	U	6.6	2.4	ug/m3			05/02/24 15:38	5
Bromoethene(Vinyl Bromide)	4.4	U	4.4	1.1	ug/m3			05/02/24 15:38	5
Trichlorofluoromethane	5.6	U	5.6	1.4	ug/m3			05/02/24 15:38	5
Freon TF	7.7	U	7.7	2.0	ug/m3			05/02/24 15:38	5
1,1-Dichloroethene	0.70	U	0.70	0.52	ug/m3			05/02/24 15:38	5
Acetone	47	J	59	19	ug/m3			05/02/24 15:38	5
Isopropyl alcohol	74		61	20	ug/m3			05/02/24 15:38	5
Carbon disulfide	7.8	U	7.8	2.0	ug/m3			05/02/24 15:38	5
3-Chloropropene	7.8	U	7.8	1.9	ug/m3			05/02/24 15:38	5
Methylene Chloride	8.7	U	8.7	3.1	ug/m3			05/02/24 15:38	5
tert-Butyl alcohol	76	U	76	18	ug/m3			05/02/24 15:38	5
Methyl tert-butyl ether	3.6	U	3.6	0.65	ug/m3			05/02/24 15:38	5
trans-1,2-Dichloroethene	4.0	U	4.0	0.46	ug/m3			05/02/24 15:38	5
n-Hexane	8.8	U	8.8	1.9	ug/m3			05/02/24 15:38	5
1,1-Dichloroethane	4.0	U	4.0	0.51	ug/m3			05/02/24 15:38	5
Methyl Ethyl Ketone	7.4	U	7.4	7.2	ug/m3			05/02/24 15:38	5
cis-1,2-Dichloroethene	13		1.0	0.42	ug/m3			05/02/24 15:38	5
1,2-Dichloroethene, Total	13		7.9	0.42	ug/m3			05/02/24 15:38	5
Chloroform	2.5	J	4.9	1.0	ug/m3			05/02/24 15:38	5
Tetrahydrofuran	80		74	19	ug/m3			05/02/24 15:38	5
1,1,1-Trichloroethane	5.5	U	5.5	1.2	ug/m3			05/02/24 15:38	5
Cyclohexane	3.4	U	3.4	1.0	ug/m3			05/02/24 15:38	5
Carbon tetrachloride	1.1	U	1.1	0.69	ug/m3			05/02/24 15:38	5
2,2,4-Trimethylpentane	4.7	U	4.7	0.89	ug/m3			05/02/24 15:38	5
Benzene	0.76	J	3.2	0.70	ug/m3			05/02/24 15:38	5
1,2-Dichloroethane	4.0	U	4.0	1.9	ug/m3			05/02/24 15:38	5
n-Heptane	4.1	U	4.1	1.1	ug/m3			05/02/24 15:38	5
Trichloroethene	6.2		0.94	0.67	ug/m3			05/02/24 15:38	5
Methyl methacrylate	10	U	10	2.9	ug/m3			05/02/24 15:38	5
1,2-Dichloropropane	4.6	U	4.6	2.2	ug/m3			05/02/24 15:38	5
1,4-Dioxane	90	U	90	1.5	ug/m3			05/02/24 15:38	5
Bromodichloromethane	6.7	U	6.7	1.7	ug/m3			05/02/24 15:38	5
cis-1,3-Dichloropropene	4.5	U	4.5	1.0	ug/m3			05/02/24 15:38	5
methyl isobutyl ketone	4.5	J	10	2.7	ug/m3			05/02/24 15:38	5
Toluene	8.0		3.8	1.2	ug/m3			05/02/24 15:38	5
trans-1,3-Dichloropropene	4.5	U	4.5	1.2	ug/m3			05/02/24 15:38	5
1,1,2-Trichloroethane	5.5	U	5.5	2.0	ug/m3			05/02/24 15:38	5

Eurofins Burlington

Client Sample Results

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

Job ID: 200-73340-1

Client Sample ID: SVE-EFF_20240430

Lab Sample ID: 200-73340-3

Date Collected: 04/30/24 10:35

Matrix: Air

Date Received: 05/01/24 15:30

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
Tetrachloroethene	880		6.8	0.71	ug/m3			05/02/24 15:38	5
Methyl Butyl Ketone (2-Hexanone)	10	U	10	3.1	ug/m3			05/02/24 15:38	5
Dibromochloromethane	8.5	U	8.5	2.7	ug/m3			05/02/24 15:38	5
1,2-Dibromoethane	7.7	U	7.7	1.6	ug/m3			05/02/24 15:38	5
Chlorobenzene	4.6	U	4.6	1.0	ug/m3			05/02/24 15:38	5
Ethylbenzene	4.3	U	4.3	1.5	ug/m3			05/02/24 15:38	5
m,p-Xylene	2.6 J		11	2.1	ug/m3			05/02/24 15:38	5
Xylene, o-	4.3	U	4.3	1.4	ug/m3			05/02/24 15:38	5
Xylene (total)	2.6 J		15	1.1	ug/m3			05/02/24 15:38	5
Styrene	4.3	U	4.3	1.3	ug/m3			05/02/24 15:38	5
Bromoform	10	U	10	6.2	ug/m3			05/02/24 15:38	5
Cumene	4.9	U	4.9	1.0	ug/m3			05/02/24 15:38	5
1,1,2,2-Tetrachloroethane	6.9	U	6.9	1.5	ug/m3			05/02/24 15:38	5
n-Propylbenzene	4.9	U	4.9	1.2	ug/m3			05/02/24 15:38	5
4-Ethyltoluene	4.9	U	4.9	1.2	ug/m3			05/02/24 15:38	5
1,3,5-Trimethylbenzene	4.9	U	4.9	1.2	ug/m3			05/02/24 15:38	5
2-Chlorotoluene	5.2	U	5.2	1.2	ug/m3			05/02/24 15:38	5
tert-Butylbenzene	5.5	U	5.5	1.3	ug/m3			05/02/24 15:38	5
1,2,4-Trimethylbenzene	3.1 J		4.9	2.0	ug/m3			05/02/24 15:38	5
sec-Butylbenzene	5.5	U	5.5	1.2	ug/m3			05/02/24 15:38	5
4-Isopropyltoluene	5.5	U	5.5	1.7	ug/m3			05/02/24 15:38	5
1,3-Dichlorobenzene	6.0	U	6.0	2.2	ug/m3			05/02/24 15:38	5
1,4-Dichlorobenzene	6.0	U	6.0	2.7	ug/m3			05/02/24 15:38	5
Benzyl chloride	5.2	U	5.2	2.3	ug/m3			05/02/24 15:38	5
n-Butylbenzene	5.5	U	5.5	3.0	ug/m3			05/02/24 15:38	5
1,2-Dichlorobenzene	6.0	U	6.0	2.0	ug/m3			05/02/24 15:38	5
1,2,4-Trichlorobenzene	19	U	19	12	ug/m3			05/02/24 15:38	5
Hexachlorobutadiene	11	U **	11	5.9	ug/m3			05/02/24 15:38	5
Naphthalene	13	U	13	7.9	ug/m3			05/02/24 15:38	5

Client Sample ID: SVE-X_20240430

Lab Sample ID: 200-73340-4

Date Collected: 04/30/24 00:00

Matrix: Air

Date Received: 05/01/24 15:30

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	0.40 J		1.0	0.22	ppb v/v			05/02/24 16:30	2
Freon 22	0.49 J		1.0	0.24	ppb v/v			05/02/24 16:30	2
1,2-Dichlorotetrafluoroethane	0.40	U	0.40	0.096	ppb v/v			05/02/24 16:30	2
Chloromethane	1.0	U	1.0	0.30	ppb v/v			05/02/24 16:30	2
n-Butane	2.1		1.0	0.40	ppb v/v			05/02/24 16:30	2
Vinyl chloride	0.16	U	0.16	0.042	ppb v/v			05/02/24 16:30	2
1,3-Butadiene	0.40	U	0.40	0.078	ppb v/v			05/02/24 16:30	2
Bromomethane	0.40	U	0.40	0.14	ppb v/v			05/02/24 16:30	2
Chloroethane	1.0	U	1.0	0.36	ppb v/v			05/02/24 16:30	2
Bromoethene(Vinyl Bromide)	0.40	U	0.40	0.10	ppb v/v			05/02/24 16:30	2
Trichlorofluoromethane	0.19 J		0.40	0.10	ppb v/v			05/02/24 16:30	2
Freon TF	0.40	U	0.40	0.11	ppb v/v			05/02/24 16:30	2

Eurofins Burlington

Client Sample Results

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

Job ID: 200-73340-1

Client Sample ID: SVE-X_20240430

Lab Sample ID: 200-73340-4

Date Collected: 04/30/24 00:00

Matrix: Air

Date Received: 05/01/24 15:30

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
1,1-Dichloroethene	0.070	U	0.070	0.052	ppb v/v			05/02/24 16:30	2
Acetone	20		10	3.2	ppb v/v			05/02/24 16:30	2
Isopropyl alcohol	11		10	3.2	ppb v/v			05/02/24 16:30	2
Carbon disulfide	0.70	J	1.0	0.26	ppb v/v			05/02/24 16:30	2
3-Chloropropene	1.0	U	1.0	0.24	ppb v/v			05/02/24 16:30	2
Methylene Chloride	1.0	U	1.0	0.36	ppb v/v			05/02/24 16:30	2
tert-Butyl alcohol	10	U	10	2.4	ppb v/v			05/02/24 16:30	2
Methyl tert-butyl ether	0.40	U	0.40	0.072	ppb v/v			05/02/24 16:30	2
trans-1,2-Dichloroethene	0.049	J	0.40	0.046	ppb v/v			05/02/24 16:30	2
n-Hexane	0.30	J	1.0	0.22	ppb v/v			05/02/24 16:30	2
1,1-Dichloroethane	0.40	U	0.40	0.050	ppb v/v			05/02/24 16:30	2
Methyl Ethyl Ketone	1.0	U	1.0	0.98	ppb v/v			05/02/24 16:30	2
cis-1,2-Dichloroethene	3.4		0.10	0.042	ppb v/v			05/02/24 16:30	2
1,2-Dichloroethene, Total	3.4		0.80	0.042	ppb v/v			05/02/24 16:30	2
Chloroform	0.53		0.40	0.082	ppb v/v			05/02/24 16:30	2
Tetrahydrofuran	36		10	2.6	ppb v/v			05/02/24 16:30	2
1,1,1-Trichloroethane	0.40	U	0.40	0.088	ppb v/v			05/02/24 16:30	2
Cyclohexane	0.20	J	0.40	0.12	ppb v/v			05/02/24 16:30	2
Carbon tetrachloride	0.070	U	0.070	0.044	ppb v/v			05/02/24 16:30	2
2,2,4-Trimethylpentane	0.40	U	0.40	0.076	ppb v/v			05/02/24 16:30	2
Benzene	0.17	J	0.40	0.088	ppb v/v			05/02/24 16:30	2
1,2-Dichloroethane	0.40	U	0.40	0.19	ppb v/v			05/02/24 16:30	2
n-Heptane	0.40	U	0.40	0.11	ppb v/v			05/02/24 16:30	2
Trichloroethene	1.1		0.070	0.050	ppb v/v			05/02/24 16:30	2
Methyl methacrylate	1.0	U	1.0	0.28	ppb v/v			05/02/24 16:30	2
1,2-Dichloropropane	0.40	U	0.40	0.19	ppb v/v			05/02/24 16:30	2
1,4-Dioxane	10	U	10	0.16	ppb v/v			05/02/24 16:30	2
Bromodichloromethane	0.40	U	0.40	0.10	ppb v/v			05/02/24 16:30	2
cis-1,3-Dichloropropene	0.40	U	0.40	0.090	ppb v/v			05/02/24 16:30	2
methyl isobutyl ketone	0.92	J	1.0	0.26	ppb v/v			05/02/24 16:30	2
Toluene	1.4		0.40	0.12	ppb v/v			05/02/24 16:30	2
trans-1,3-Dichloropropene	0.40	U	0.40	0.11	ppb v/v			05/02/24 16:30	2
1,1,2-Trichloroethane	0.40	U	0.40	0.15	ppb v/v			05/02/24 16:30	2
Tetrachloroethene	29		0.40	0.042	ppb v/v			05/02/24 16:30	2
Methyl Butyl Ketone (2-Hexanone)	1.0	U	1.0	0.30	ppb v/v			05/02/24 16:30	2
Dibromochloromethane	0.40	U	0.40	0.13	ppb v/v			05/02/24 16:30	2
1,2-Dibromoethane	0.40	U	0.40	0.084	ppb v/v			05/02/24 16:30	2
Chlorobenzene	0.40	U	0.40	0.088	ppb v/v			05/02/24 16:30	2
Ethylbenzene	0.40	U	0.40	0.14	ppb v/v			05/02/24 16:30	2
m,p-Xylene	0.23	J	1.0	0.19	ppb v/v			05/02/24 16:30	2
Xylene, o-	0.40	U	0.40	0.13	ppb v/v			05/02/24 16:30	2
Xylene (total)	0.23	J	1.4	0.10	ppb v/v			05/02/24 16:30	2
Styrene	0.40	U	0.40	0.12	ppb v/v			05/02/24 16:30	2
Bromoform	0.40	U	0.40	0.24	ppb v/v			05/02/24 16:30	2
Cumene	0.40	U	0.40	0.082	ppb v/v			05/02/24 16:30	2
1,1,2,2-Tetrachloroethane	0.40	U	0.40	0.086	ppb v/v			05/02/24 16:30	2
n-Propylbenzene	0.40	U	0.40	0.094	ppb v/v			05/02/24 16:30	2
4-Ethyltoluene	0.40	U	0.40	0.098	ppb v/v			05/02/24 16:30	2

Eurofins Burlington

Client Sample Results

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

Job ID: 200-73340-1

Client Sample ID: SVE-X_20240430

Lab Sample ID: 200-73340-4

Date Collected: 04/30/24 00:00

Matrix: Air

Date Received: 05/01/24 15:30

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
1,3,5-Trimethylbenzene	0.40	U	0.40	0.094	ppb v/v			05/02/24 16:30	2
2-Chlorotoluene	0.40	U	0.40	0.092	ppb v/v			05/02/24 16:30	2
tert-Butylbenzene	0.40	U	0.40	0.094	ppb v/v			05/02/24 16:30	2
1,2,4-Trimethylbenzene	0.23	J	0.40	0.16	ppb v/v			05/02/24 16:30	2
sec-Butylbenzene	0.40	U	0.40	0.090	ppb v/v			05/02/24 16:30	2
4-Isopropyltoluene	0.40	U	0.40	0.12	ppb v/v			05/02/24 16:30	2
1,3-Dichlorobenzene	0.40	U	0.40	0.15	ppb v/v			05/02/24 16:30	2
1,4-Dichlorobenzene	0.40	U	0.40	0.18	ppb v/v			05/02/24 16:30	2
Benzyl chloride	0.40	U	0.40	0.18	ppb v/v			05/02/24 16:30	2
n-Butylbenzene	0.40	U	0.40	0.22	ppb v/v			05/02/24 16:30	2
1,2-Dichlorobenzene	0.40	U	0.40	0.13	ppb v/v			05/02/24 16:30	2
1,2,4-Trichlorobenzene	1.0	U	1.0	0.66	ppb v/v			05/02/24 16:30	2
Hexachlorobutadiene	0.40	U **	0.40	0.22	ppb v/v			05/02/24 16:30	2
Naphthalene	1.0	U	1.0	0.60	ppb v/v			05/02/24 16:30	2
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.0	J	4.9	1.1	ug/m3			05/02/24 16:30	2
Freon 22	1.7	J	3.5	0.85	ug/m3			05/02/24 16:30	2
1,2-Dichlorotetrafluoroethane	2.8	U	2.8	0.67	ug/m3			05/02/24 16:30	2
Chloromethane	2.1	U	2.1	0.62	ug/m3			05/02/24 16:30	2
n-Butane	5.1		2.4	0.95	ug/m3			05/02/24 16:30	2
Vinyl chloride	0.40	U	0.40	0.11	ug/m3			05/02/24 16:30	2
1,3-Butadiene	0.88	U	0.88	0.17	ug/m3			05/02/24 16:30	2
Bromomethane	1.6	U	1.6	0.55	ug/m3			05/02/24 16:30	2
Chloroethane	2.6	U	2.6	0.95	ug/m3			05/02/24 16:30	2
Bromoethene(Vinyl Bromide)	1.7	U	1.7	0.44	ug/m3			05/02/24 16:30	2
Trichlorofluoromethane	1.1	J	2.2	0.56	ug/m3			05/02/24 16:30	2
Freon TF	3.1	U	3.1	0.81	ug/m3			05/02/24 16:30	2
1,1-Dichloroethene	0.28	U	0.28	0.21	ug/m3			05/02/24 16:30	2
Acetone	48		24	7.6	ug/m3			05/02/24 16:30	2
Isopropyl alcohol	27		25	7.9	ug/m3			05/02/24 16:30	2
Carbon disulfide	2.2	J	3.1	0.81	ug/m3			05/02/24 16:30	2
3-Chloropropene	3.1	U	3.1	0.75	ug/m3			05/02/24 16:30	2
Methylene Chloride	3.5	U	3.5	1.3	ug/m3			05/02/24 16:30	2
tert-Butyl alcohol	30	U	30	7.3	ug/m3			05/02/24 16:30	2
Methyl tert-butyl ether	1.4	U	1.4	0.26	ug/m3			05/02/24 16:30	2
trans-1,2-Dichloroethene	0.20	J	1.6	0.18	ug/m3			05/02/24 16:30	2
n-Hexane	1.1	J	3.5	0.78	ug/m3			05/02/24 16:30	2
1,1-Dichloroethane	1.6	U	1.6	0.20	ug/m3			05/02/24 16:30	2
Methyl Ethyl Ketone	2.9	U	2.9	2.9	ug/m3			05/02/24 16:30	2
cis-1,2-Dichloroethene	13		0.40	0.17	ug/m3			05/02/24 16:30	2
1,2-Dichloroethene, Total	14		3.2	0.17	ug/m3			05/02/24 16:30	2
Chloroform	2.6		2.0	0.40	ug/m3			05/02/24 16:30	2
Tetrahydrofuran	100		29	7.7	ug/m3			05/02/24 16:30	2
1,1,1-Trichloroethane	2.2	U	2.2	0.48	ug/m3			05/02/24 16:30	2
Cyclohexane	0.68	J	1.4	0.40	ug/m3			05/02/24 16:30	2
Carbon tetrachloride	0.44	U	0.44	0.28	ug/m3			05/02/24 16:30	2
2,2,4-Trimethylpentane	1.9	U	1.9	0.36	ug/m3			05/02/24 16:30	2
Benzene	0.56	J	1.3	0.28	ug/m3			05/02/24 16:30	2

Eurofins Burlington

Client Sample Results

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

Job ID: 200-73340-1

Client Sample ID: SVE-X_20240430

Lab Sample ID: 200-73340-4

Date Collected: 04/30/24 00:00

Matrix: Air

Date Received: 05/01/24 15:30

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-Dichloroethane	1.6	U	1.6	0.75	ug/m3			05/02/24 16:30	2
n-Heptane	1.6	U	1.6	0.45	ug/m3			05/02/24 16:30	2
Trichloroethene	6.0		0.38	0.27	ug/m3			05/02/24 16:30	2
Methyl methacrylate	4.1	U	4.1	1.1	ug/m3			05/02/24 16:30	2
1,2-Dichloropropane	1.8	U	1.8	0.87	ug/m3			05/02/24 16:30	2
1,4-Dioxane	36	U	36	0.59	ug/m3			05/02/24 16:30	2
Bromodichloromethane	2.7	U	2.7	0.67	ug/m3			05/02/24 16:30	2
cis-1,3-Dichloropropene	1.8	U	1.8	0.41	ug/m3			05/02/24 16:30	2
methyl isobutyl ketone	3.8	J	4.1	1.1	ug/m3			05/02/24 16:30	2
Toluene	5.5		1.5	0.47	ug/m3			05/02/24 16:30	2
trans-1,3-Dichloropropene	1.8	U	1.8	0.49	ug/m3			05/02/24 16:30	2
1,1,2-Trichloroethane	2.2	U	2.2	0.81	ug/m3			05/02/24 16:30	2
Tetrachloroethene	200		2.7	0.28	ug/m3			05/02/24 16:30	2
Methyl Butyl Ketone (2-Hexanone)	4.1	U	4.1	1.2	ug/m3			05/02/24 16:30	2
Dibromochloromethane	3.4	U	3.4	1.1	ug/m3			05/02/24 16:30	2
1,2-Dibromoethane	3.1	U	3.1	0.65	ug/m3			05/02/24 16:30	2
Chlorobenzene	1.8	U	1.8	0.41	ug/m3			05/02/24 16:30	2
Ethylbenzene	1.7	U	1.7	0.60	ug/m3			05/02/24 16:30	2
m,p-Xylene	1.0	J	4.3	0.83	ug/m3			05/02/24 16:30	2
Xylene, o-	1.7	U	1.7	0.55	ug/m3			05/02/24 16:30	2
Xylene (total)	1.0	J	6.1	0.45	ug/m3			05/02/24 16:30	2
Styrene	1.7	U	1.7	0.50	ug/m3			05/02/24 16:30	2
Bromoform	4.1	U	4.1	2.5	ug/m3			05/02/24 16:30	2
Cumene	2.0	U	2.0	0.40	ug/m3			05/02/24 16:30	2
1,1,2,2-Tetrachloroethane	2.7	U	2.7	0.59	ug/m3			05/02/24 16:30	2
n-Propylbenzene	2.0	U	2.0	0.46	ug/m3			05/02/24 16:30	2
4-Ethyltoluene	2.0	U	2.0	0.48	ug/m3			05/02/24 16:30	2
1,3,5-Trimethylbenzene	2.0	U	2.0	0.46	ug/m3			05/02/24 16:30	2
2-Chlorotoluene	2.1	U	2.1	0.48	ug/m3			05/02/24 16:30	2
tert-Butylbenzene	2.2	U	2.2	0.52	ug/m3			05/02/24 16:30	2
1,2,4-Trimethylbenzene	1.1	J	2.0	0.79	ug/m3			05/02/24 16:30	2
sec-Butylbenzene	2.2	U	2.2	0.49	ug/m3			05/02/24 16:30	2
4-Isopropyltoluene	2.2	U	2.2	0.67	ug/m3			05/02/24 16:30	2
1,3-Dichlorobenzene	2.4	U	2.4	0.89	ug/m3			05/02/24 16:30	2
1,4-Dichlorobenzene	2.4	U	2.4	1.1	ug/m3			05/02/24 16:30	2
Benzyl chloride	2.1	U	2.1	0.91	ug/m3			05/02/24 16:30	2
n-Butylbenzene	2.2	U	2.2	1.2	ug/m3			05/02/24 16:30	2
1,2-Dichlorobenzene	2.4	U	2.4	0.79	ug/m3			05/02/24 16:30	2
1,2,4-Trichlorobenzene	7.4	U	7.4	4.9	ug/m3			05/02/24 16:30	2
Hexachlorobutadiene	4.3	U **	4.3	2.3	ug/m3			05/02/24 16:30	2
Naphthalene	5.2	U	5.2	3.1	ug/m3			05/02/24 16:30	2

Eurofins Burlington

Client Sample Results

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

Job ID: 200-73340-1

Client Sample ID: SVE-TB_20240430

Lab Sample ID: 200-73340-5

Date Collected: 04/30/24 12:00

Matrix: Air

Date Received: 05/01/24 15:30

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			05/02/24 17:22	1
Freon 22	0.50	U	0.50	0.12	ppb v/v			05/02/24 17:22	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			05/02/24 17:22	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			05/02/24 17:22	1
n-Butane	0.50	U	0.50	0.20	ppb v/v			05/02/24 17:22	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			05/02/24 17:22	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			05/02/24 17:22	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			05/02/24 17:22	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			05/02/24 17:22	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			05/02/24 17:22	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			05/02/24 17:22	1
Freon TF	0.20	U	0.20	0.053	ppb v/v			05/02/24 17:22	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			05/02/24 17:22	1
Acetone	5.0	U	5.0	1.6	ppb v/v			05/02/24 17:22	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			05/02/24 17:22	1
Carbon disulfide	0.29	J	0.50	0.13	ppb v/v			05/02/24 17:22	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			05/02/24 17:22	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			05/02/24 17:22	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			05/02/24 17:22	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			05/02/24 17:22	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			05/02/24 17:22	1
n-Hexane	0.20	J	0.50	0.11	ppb v/v			05/02/24 17:22	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			05/02/24 17:22	1
Methyl Ethyl Ketone	0.50	U	0.50	0.49	ppb v/v			05/02/24 17:22	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			05/02/24 17:22	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.021	ppb v/v			05/02/24 17:22	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			05/02/24 17:22	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			05/02/24 17:22	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			05/02/24 17:22	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			05/02/24 17:22	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			05/02/24 17:22	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			05/02/24 17:22	1
Benzene	0.20	U	0.20	0.044	ppb v/v			05/02/24 17:22	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			05/02/24 17:22	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			05/02/24 17:22	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			05/02/24 17:22	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			05/02/24 17:22	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			05/02/24 17:22	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			05/02/24 17:22	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			05/02/24 17:22	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			05/02/24 17:22	1
methyl isobutyl ketone	0.17	J	0.50	0.13	ppb v/v			05/02/24 17:22	1
Toluene	2.1		0.20	0.062	ppb v/v			05/02/24 17:22	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			05/02/24 17:22	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			05/02/24 17:22	1
Tetrachloroethene	0.050	J	0.20	0.021	ppb v/v			05/02/24 17:22	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			05/02/24 17:22	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			05/02/24 17:22	1

Eurofins Burlington

Client Sample Results

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

Job ID: 200-73340-1

Client Sample ID: SVE-TB_20240430

Lab Sample ID: 200-73340-5

Date Collected: 04/30/24 12:00

Matrix: Air

Date Received: 05/01/24 15:30

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			05/02/24 17:22	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			05/02/24 17:22	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			05/02/24 17:22	1
m,p-Xylene	0.099	J	0.50	0.095	ppb v/v			05/02/24 17:22	1
Xylene, o-	0.20	U	0.20	0.063	ppb v/v			05/02/24 17:22	1
Xylene (total)	0.099	J	0.70	0.052	ppb v/v			05/02/24 17:22	1
Styrene	0.20	U	0.20	0.059	ppb v/v			05/02/24 17:22	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			05/02/24 17:22	1
Cumene	0.20	U	0.20	0.041	ppb v/v			05/02/24 17:22	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			05/02/24 17:22	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			05/02/24 17:22	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			05/02/24 17:22	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			05/02/24 17:22	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			05/02/24 17:22	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			05/02/24 17:22	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			05/02/24 17:22	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			05/02/24 17:22	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			05/02/24 17:22	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			05/02/24 17:22	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			05/02/24 17:22	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			05/02/24 17:22	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			05/02/24 17:22	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			05/02/24 17:22	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			05/02/24 17:22	1
Hexachlorobutadiene	0.20	U **	0.20	0.11	ppb v/v			05/02/24 17:22	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			05/02/24 17:22	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			05/02/24 17:22	1
Freon 22	1.8	U	1.8	0.42	ug/m3			05/02/24 17:22	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			05/02/24 17:22	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			05/02/24 17:22	1
n-Butane	1.2	U	1.2	0.48	ug/m3			05/02/24 17:22	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			05/02/24 17:22	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			05/02/24 17:22	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			05/02/24 17:22	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			05/02/24 17:22	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			05/02/24 17:22	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			05/02/24 17:22	1
Freon TF	1.5	U	1.5	0.41	ug/m3			05/02/24 17:22	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			05/02/24 17:22	1
Acetone	12	U	12	3.8	ug/m3			05/02/24 17:22	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			05/02/24 17:22	1
Carbon disulfide	0.90	J	1.6	0.40	ug/m3			05/02/24 17:22	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			05/02/24 17:22	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			05/02/24 17:22	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			05/02/24 17:22	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			05/02/24 17:22	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			05/02/24 17:22	1

Eurofins Burlington

Client Sample Results

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

Job ID: 200-73340-1

Client Sample ID: SVE-TB_20240430

Lab Sample ID: 200-73340-5

Date Collected: 04/30/24 12:00

Matrix: Air

Date Received: 05/01/24 15:30

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	0.69	J	1.8	0.39	ug/m3			05/02/24 17:22	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			05/02/24 17:22	1
Methyl Ethyl Ketone	1.5	U	1.5	1.4	ug/m3			05/02/24 17:22	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			05/02/24 17:22	1
1,2-Dichloroethene, Total	1.6	U	1.6	0.083	ug/m3			05/02/24 17:22	1
Chloroform	0.98	U	0.98	0.20	ug/m3			05/02/24 17:22	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			05/02/24 17:22	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			05/02/24 17:22	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			05/02/24 17:22	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			05/02/24 17:22	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			05/02/24 17:22	1
Benzene	0.64	U	0.64	0.14	ug/m3			05/02/24 17:22	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			05/02/24 17:22	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			05/02/24 17:22	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			05/02/24 17:22	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			05/02/24 17:22	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			05/02/24 17:22	1
1,4-Dioxane	18	U	18	0.30	ug/m3			05/02/24 17:22	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			05/02/24 17:22	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			05/02/24 17:22	1
methyl isobutyl ketone	0.70	J	2.0	0.53	ug/m3			05/02/24 17:22	1
Toluene	7.9		0.75	0.23	ug/m3			05/02/24 17:22	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			05/02/24 17:22	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			05/02/24 17:22	1
Tetrachloroethene	0.34	J	1.4	0.14	ug/m3			05/02/24 17:22	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			05/02/24 17:22	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			05/02/24 17:22	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			05/02/24 17:22	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			05/02/24 17:22	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			05/02/24 17:22	1
m,p-Xylene	0.43	J	2.2	0.41	ug/m3			05/02/24 17:22	1
Xylene, o-	0.87	U	0.87	0.27	ug/m3			05/02/24 17:22	1
Xylene (total)	0.43	J	3.0	0.23	ug/m3			05/02/24 17:22	1
Styrene	0.85	U	0.85	0.25	ug/m3			05/02/24 17:22	1
Bromoform	2.1	U	2.1	1.2	ug/m3			05/02/24 17:22	1
Cumene	0.98	U	0.98	0.20	ug/m3			05/02/24 17:22	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			05/02/24 17:22	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			05/02/24 17:22	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			05/02/24 17:22	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			05/02/24 17:22	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			05/02/24 17:22	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			05/02/24 17:22	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			05/02/24 17:22	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			05/02/24 17:22	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			05/02/24 17:22	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			05/02/24 17:22	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			05/02/24 17:22	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			05/02/24 17:22	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc

Job ID: 200-73340-1

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

Client Sample ID: SVE-TB_20240430

Lab Sample ID: 200-73340-5

Date Collected: 04/30/24 12:00

Matrix: Air

Date Received: 05/01/24 15:30

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			05/02/24 17:22	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			05/02/24 17:22	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			05/02/24 17:22	1
Hexachlorobutadiene	2.1	U *	2.1	1.2	ug/m3			05/02/24 17:22	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			05/02/24 17:22	1

Default Detection Limits

Client: AKRF Inc

Job ID: 200-73340-1

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
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
Benzyl chloride	1.0	0.46	ug/m3
Bromodichloromethane	0.20	0.050	ppb v/v

Eurofins Burlington

Default Detection Limits

Client: AKRF Inc

Job ID: 200-73340-1

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

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

Analyte	RL	MDL	Units
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	0.50	0.49	ppb v/v
Methyl Ethyl Ketone	1.5	1.4	ug/m3
methyl isobutyl ketone	0.50	0.13	ppb v/v
methyl isobutyl ketone	2.0	0.53	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: 200-73340-1

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
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
Xylene, o-	0.20	0.063	ppb v/v
Xylene, o-	0.87	0.27	ug/m3

QC Sample Results

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

Job ID: 200-73340-1

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

Lab Sample ID: MB 200-203676/5

Matrix: Air

Analysis Batch: 203676

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			05/02/24 11:18	1
Freon 22	0.50	U	0.50	0.12	ppb v/v			05/02/24 11:18	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			05/02/24 11:18	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			05/02/24 11:18	1
n-Butane	0.50	U	0.50	0.20	ppb v/v			05/02/24 11:18	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			05/02/24 11:18	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			05/02/24 11:18	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			05/02/24 11:18	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			05/02/24 11:18	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			05/02/24 11:18	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			05/02/24 11:18	1
Freon TF	0.20	U	0.20	0.053	ppb v/v			05/02/24 11:18	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			05/02/24 11:18	1
Acetone	5.0	U	5.0	1.6	ppb v/v			05/02/24 11:18	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			05/02/24 11:18	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			05/02/24 11:18	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			05/02/24 11:18	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			05/02/24 11:18	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			05/02/24 11:18	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			05/02/24 11:18	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			05/02/24 11:18	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			05/02/24 11:18	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			05/02/24 11:18	1
Methyl Ethyl Ketone	0.50	U	0.50	0.49	ppb v/v			05/02/24 11:18	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			05/02/24 11:18	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.021	ppb v/v			05/02/24 11:18	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			05/02/24 11:18	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			05/02/24 11:18	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			05/02/24 11:18	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			05/02/24 11:18	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			05/02/24 11:18	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			05/02/24 11:18	1
Benzene	0.20	U	0.20	0.044	ppb v/v			05/02/24 11:18	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			05/02/24 11:18	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			05/02/24 11:18	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			05/02/24 11:18	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			05/02/24 11:18	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			05/02/24 11:18	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			05/02/24 11:18	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			05/02/24 11:18	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			05/02/24 11:18	1
methyl isobutyl ketone	0.50	U	0.50	0.13	ppb v/v			05/02/24 11:18	1
Toluene	0.20	U	0.20	0.062	ppb v/v			05/02/24 11:18	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			05/02/24 11:18	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			05/02/24 11:18	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			05/02/24 11:18	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			05/02/24 11:18	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			05/02/24 11:18	1

Eurofins Burlington

QC Sample Results

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

Job ID: 200-73340-1

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

Lab Sample ID: MB 200-203676/5

Matrix: Air

Analysis Batch: 203676

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			05/02/24 11:18	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			05/02/24 11:18	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			05/02/24 11:18	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			05/02/24 11:18	1
Xylene, o-	0.20	U	0.20	0.063	ppb v/v			05/02/24 11:18	1
Xylene (total)	0.70	U	0.70	0.052	ppb v/v			05/02/24 11:18	1
Styrene	0.20	U	0.20	0.059	ppb v/v			05/02/24 11:18	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			05/02/24 11:18	1
Cumene	0.20	U	0.20	0.041	ppb v/v			05/02/24 11:18	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			05/02/24 11:18	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			05/02/24 11:18	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			05/02/24 11:18	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			05/02/24 11:18	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			05/02/24 11:18	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			05/02/24 11:18	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			05/02/24 11:18	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			05/02/24 11:18	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			05/02/24 11:18	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			05/02/24 11:18	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			05/02/24 11:18	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			05/02/24 11:18	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			05/02/24 11:18	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			05/02/24 11:18	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			05/02/24 11:18	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			05/02/24 11:18	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			05/02/24 11:18	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			05/02/24 11:18	1
Freon 22	1.8	U	1.8	0.42	ug/m3			05/02/24 11:18	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			05/02/24 11:18	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			05/02/24 11:18	1
n-Butane	1.2	U	1.2	0.48	ug/m3			05/02/24 11:18	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			05/02/24 11:18	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			05/02/24 11:18	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			05/02/24 11:18	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			05/02/24 11:18	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			05/02/24 11:18	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			05/02/24 11:18	1
Freon TF	1.5	U	1.5	0.41	ug/m3			05/02/24 11:18	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			05/02/24 11:18	1
Acetone	12	U	12	3.8	ug/m3			05/02/24 11:18	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			05/02/24 11:18	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			05/02/24 11:18	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			05/02/24 11:18	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			05/02/24 11:18	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			05/02/24 11:18	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			05/02/24 11:18	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			05/02/24 11:18	1

Eurofins Burlington

QC Sample Results

Client: AKRF Inc

Job ID: 200-73340-1

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

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

Lab Sample ID: MB 200-203676/5

Client Sample ID: Method Blank

Matrix: Air

Prep Type: Total/NA

Analysis Batch: 203676

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Hexane	1.8	U	1.8	0.39	ug/m3			05/02/24 11:18	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			05/02/24 11:18	1
Methyl Ethyl Ketone	1.5	U	1.5	1.4	ug/m3			05/02/24 11:18	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			05/02/24 11:18	1
1,2-Dichloroethene, Total	1.6	U	1.6	0.083	ug/m3			05/02/24 11:18	1
Chloroform	0.98	U	0.98	0.20	ug/m3			05/02/24 11:18	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			05/02/24 11:18	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			05/02/24 11:18	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			05/02/24 11:18	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			05/02/24 11:18	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			05/02/24 11:18	1
Benzene	0.64	U	0.64	0.14	ug/m3			05/02/24 11:18	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			05/02/24 11:18	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			05/02/24 11:18	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			05/02/24 11:18	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			05/02/24 11:18	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			05/02/24 11:18	1
1,4-Dioxane	18	U	18	0.30	ug/m3			05/02/24 11:18	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			05/02/24 11:18	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			05/02/24 11:18	1
methyl isobutyl ketone	2.0	U	2.0	0.53	ug/m3			05/02/24 11:18	1
Toluene	0.75	U	0.75	0.23	ug/m3			05/02/24 11:18	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			05/02/24 11:18	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			05/02/24 11:18	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			05/02/24 11:18	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			05/02/24 11:18	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			05/02/24 11:18	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			05/02/24 11:18	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			05/02/24 11:18	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			05/02/24 11:18	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			05/02/24 11:18	1
Xylene, o-	0.87	U	0.87	0.27	ug/m3			05/02/24 11:18	1
Xylene (total)	3.0	U	3.0	0.23	ug/m3			05/02/24 11:18	1
Styrene	0.85	U	0.85	0.25	ug/m3			05/02/24 11:18	1
Bromoform	2.1	U	2.1	1.2	ug/m3			05/02/24 11:18	1
Cumene	0.98	U	0.98	0.20	ug/m3			05/02/24 11:18	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			05/02/24 11:18	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			05/02/24 11:18	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			05/02/24 11:18	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			05/02/24 11:18	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			05/02/24 11:18	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			05/02/24 11:18	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			05/02/24 11:18	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			05/02/24 11:18	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			05/02/24 11:18	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			05/02/24 11:18	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			05/02/24 11:18	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			05/02/24 11:18	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			05/02/24 11:18	1

Eurofins Burlington

QC Sample Results

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

Job ID: 200-73340-1

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

Lab Sample ID: MB 200-203676/5

Matrix: Air

Analysis Batch: 203676

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			05/02/24 11:18	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			05/02/24 11:18	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			05/02/24 11:18	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			05/02/24 11:18	1

Lab Sample ID: LCS 200-203676/3

Matrix: Air

Analysis Batch: 203676

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	10.6		ppb v/v		106	61 - 142
Freon 22	10.0	9.56		ppb v/v		96	60 - 147
1,2-Dichlorotetrafluoroethane	10.0	10.4		ppb v/v		104	71 - 141
Chloromethane	10.0	8.78		ppb v/v		88	56 - 141
n-Butane	10.0	7.62		ppb v/v		76	53 - 151
Vinyl chloride	10.0	8.24		ppb v/v		82	61 - 135
1,3-Butadiene	10.0	7.66		ppb v/v		77	58 - 139
Bromomethane	10.0	10.3		ppb v/v		103	72 - 124
Chloroethane	10.0	9.01		ppb v/v		90	68 - 130
Bromoethene(Vinyl Bromide)	10.0	10.9		ppb v/v		109	75 - 125
Trichlorofluoromethane	10.0	10.2		ppb v/v		102	70 - 129
Freon TF	10.0	9.43		ppb v/v		94	70 - 121
1,1-Dichloroethene	10.0	8.78		ppb v/v		88	68 - 120
Acetone	10.0	8.18		ppb v/v		82	54 - 154
Isopropyl alcohol	10.0	8.68		ppb v/v		87	53 - 142
Carbon disulfide	10.0	8.62		ppb v/v		86	71 - 138
3-Chloropropene	10.0	7.14		ppb v/v		71	50 - 150
Methylene Chloride	10.0	7.31		ppb v/v		73	59 - 137
tert-Butyl alcohol	10.0	8.55		ppb v/v		86	66 - 132
Methyl tert-butyl ether	10.0	8.98		ppb v/v		90	70 - 127
trans-1,2-Dichloroethene	10.0	8.14		ppb v/v		81	69 - 137
n-Hexane	10.0	7.76		ppb v/v		78	63 - 138
1,1-Dichloroethane	10.0	7.85		ppb v/v		79	66 - 130
Methyl Ethyl Ketone	10.0	8.45		ppb v/v		85	72 - 124
cis-1,2-Dichloroethene	10.0	8.53		ppb v/v		85	72 - 121
Chloroform	10.0	8.95		ppb v/v		89	73 - 124
Tetrahydrofuran	10.0	7.80		ppb v/v		78	60 - 149
1,1,1-Trichloroethane	10.0	9.95		ppb v/v		100	72 - 127
Cyclohexane	10.0	9.23		ppb v/v		92	76 - 124
Carbon tetrachloride	10.0	10.7		ppb v/v		107	71 - 133
2,2,4-Trimethylpentane	10.0	8.29		ppb v/v		83	68 - 131
Benzene	10.0	8.81		ppb v/v		88	73 - 119
1,2-Dichloroethane	10.0	9.16		ppb v/v		92	68 - 135
n-Heptane	10.0	7.59		ppb v/v		76	60 - 142
Trichloroethene	10.0	9.72		ppb v/v		97	73 - 122
Methyl methacrylate	10.0	9.22		ppb v/v		92	73 - 129
1,2-Dichloropropane	10.0	8.31		ppb v/v		83	69 - 128
1,4-Dioxane	10.0	9.91		ppb v/v		99	66 - 129
Bromodichloromethane	10.0	9.89		ppb v/v		99	75 - 127

Eurofins Burlington

QC Sample Results

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

Job ID: 200-73340-1

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

Lab Sample ID: LCS 200-203676/3

Matrix: Air

Analysis Batch: 203676

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,3-Dichloropropene	10.0	9.96		ppb v/v		100	74 - 125
methyl isobutyl ketone	10.0	8.16		ppb v/v		82	58 - 144
Toluene	10.0	9.59		ppb v/v		96	75 - 122
trans-1,3-Dichloropropene	10.0	9.81		ppb v/v		98	74 - 128
1,1,2-Trichloroethane	10.0	9.18		ppb v/v		92	75 - 126
Tetrachloroethene	10.0	11.0		ppb v/v		110	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10.0	8.63		ppb v/v		86	57 - 143
Dibromochloromethane	10.0	11.1		ppb v/v		112	73 - 125
1,2-Dibromoethane	10.0	10.1		ppb v/v		101	78 - 122
Chlorobenzene	10.0	10.0		ppb v/v		100	76 - 119
Ethylbenzene	10.0	9.84		ppb v/v		98	74 - 122
m,p-Xylene	20.0	20.6		ppb v/v		103	76 - 121
Xylene, o-	10.0	10.3		ppb v/v		103	73 - 123
Styrene	10.0	10.7		ppb v/v		107	74 - 125
Bromoform	10.0	13.1		ppb v/v		131	53 - 149
Cumene	10.0	10.6		ppb v/v		106	73 - 123
1,1,2,2-Tetrachloroethane	10.0	9.41		ppb v/v		94	74 - 126
n-Propylbenzene	10.0	10.4		ppb v/v		104	73 - 127
4-Ethyltoluene	10.0	11.0		ppb v/v		110	75 - 129
1,3,5-Trimethylbenzene	10.0	10.7		ppb v/v		108	72 - 126
2-Chlorotoluene	10.0	10.2		ppb v/v		102	74 - 126
tert-Butylbenzene	10.0	11.0		ppb v/v		110	71 - 125
1,2,4-Trimethylbenzene	10.0	11.0		ppb v/v		110	71 - 129
sec-Butylbenzene	10.0	10.8		ppb v/v		108	70 - 128
4-Isopropyltoluene	10.0	11.3		ppb v/v		113	68 - 130
1,3-Dichlorobenzene	10.0	11.6		ppb v/v		116	69 - 131
1,4-Dichlorobenzene	10.0	11.9		ppb v/v		119	67 - 132
Benzyl chloride	10.0	11.8		ppb v/v		118	60 - 136
n-Butylbenzene	10.0	11.1		ppb v/v		112	65 - 137
1,2-Dichlorobenzene	10.0	11.5		ppb v/v		115	68 - 129
1,2,4-Trichlorobenzene	10.0	13.4		ppb v/v		134	50 - 150
Hexachlorobutadiene	10.0	13.1	*+	ppb v/v		131	58 - 130
Naphthalene	10.0	13.4		ppb v/v		134	50 - 150
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49	52.2		ug/m3		106	61 - 142
Freon 22	35	33.8		ug/m3		96	60 - 147
1,2-Dichlorotetrafluoroethane	70	72.8		ug/m3		104	71 - 141
Chloromethane	21	18.1		ug/m3		88	56 - 141
n-Butane	24	18.1		ug/m3		76	53 - 151
Vinyl chloride	26	21.1		ug/m3		82	61 - 135
1,3-Butadiene	22	16.9		ug/m3		77	58 - 139
Bromomethane	39	40.2		ug/m3		103	72 - 124
Chloroethane	26	23.8		ug/m3		90	68 - 130
Bromoethene(Vinyl Bromide)	44	47.5		ug/m3		109	75 - 125
Trichlorofluoromethane	56	57.3		ug/m3		102	70 - 129
Freon TF	77	72.3		ug/m3		94	70 - 121
1,1-Dichloroethene	40	34.8		ug/m3		88	68 - 120

Eurofins Burlington

QC Sample Results

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

Job ID: 200-73340-1

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

Lab Sample ID: LCS 200-203676/3

Matrix: Air

Analysis Batch: 203676

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	24	19.4		ug/m3		82	54 - 154
Isopropyl alcohol	25	21.3		ug/m3		87	53 - 142
Carbon disulfide	31	26.8		ug/m3		86	71 - 138
3-Chloropropene	31	22.3		ug/m3		71	50 - 150
Methylene Chloride	35	25.4		ug/m3		73	59 - 137
tert-Butyl alcohol	30	25.9		ug/m3		86	66 - 132
Methyl tert-butyl ether	36	32.4		ug/m3		90	70 - 127
trans-1,2-Dichloroethene	40	32.3		ug/m3		81	69 - 137
n-Hexane	35	27.3		ug/m3		78	63 - 138
1,1-Dichloroethane	40	31.8		ug/m3		79	66 - 130
Methyl Ethyl Ketone	29	24.9		ug/m3		85	72 - 124
cis-1,2-Dichloroethene	40	33.8		ug/m3		85	72 - 121
Chloroform	49	43.7		ug/m3		89	73 - 124
Tetrahydrofuran	29	23.0		ug/m3		78	60 - 149
1,1,1-Trichloroethane	55	54.3		ug/m3		100	72 - 127
Cyclohexane	34	31.8		ug/m3		92	76 - 124
Carbon tetrachloride	63	67.1		ug/m3		107	71 - 133
2,2,4-Trimethylpentane	47	38.7		ug/m3		83	68 - 131
Benzene	32	28.1		ug/m3		88	73 - 119
1,2-Dichloroethane	40	37.1		ug/m3		92	68 - 135
n-Heptane	41	31.1		ug/m3		76	60 - 142
Trichloroethene	54	52.2		ug/m3		97	73 - 122
Methyl methacrylate	41	37.7		ug/m3		92	73 - 129
1,2-Dichloropropane	46	38.4		ug/m3		83	69 - 128
1,4-Dioxane	36	35.7		ug/m3		99	66 - 129
Bromodichloromethane	67	66.3		ug/m3		99	75 - 127
cis-1,3-Dichloropropene	45	45.2		ug/m3		100	74 - 125
methyl isobutyl ketone	41	33.4		ug/m3		82	58 - 144
Toluene	38	36.1		ug/m3		96	75 - 122
trans-1,3-Dichloropropene	45	44.5		ug/m3		98	74 - 128
1,1,2-Trichloroethane	55	50.1		ug/m3		92	75 - 126
Tetrachloroethene	68	74.6		ug/m3		110	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41	35.4		ug/m3		86	57 - 143
Dibromochloromethane	85	95.0		ug/m3		112	73 - 125
1,2-Dibromoethane	77	77.7		ug/m3		101	78 - 122
Chlorobenzene	46	46.2		ug/m3		100	76 - 119
Ethylbenzene	43	42.7		ug/m3		98	74 - 122
m,p-Xylene	87	89.3		ug/m3		103	76 - 121
Xylene, o-	43	44.7		ug/m3		103	73 - 123
Styrene	43	45.7		ug/m3		107	74 - 125
Bromoform	100	136		ug/m3		131	53 - 149
Cumene	49	52.1		ug/m3		106	73 - 123
1,1,2,2-Tetrachloroethane	69	64.6		ug/m3		94	74 - 126
n-Propylbenzene	49	51.1		ug/m3		104	73 - 127
4-Ethyltoluene	49	54.0		ug/m3		110	75 - 129
1,3,5-Trimethylbenzene	49	52.8		ug/m3		108	72 - 126
2-Chlorotoluene	52	52.8		ug/m3		102	74 - 126
tert-Butylbenzene	55	60.2		ug/m3		110	71 - 125

Eurofins Burlington

QC Sample Results

Client: AKRF Inc

Job ID: 200-73340-1

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

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

Lab Sample ID: LCS 200-203676/3

Matrix: Air

Analysis Batch: 203676

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trimethylbenzene	49	54.0		ug/m3		110	71 - 129
sec-Butylbenzene	55	59.5		ug/m3		108	70 - 128
4-Isopropyltoluene	55	61.9		ug/m3		113	68 - 130
1,3-Dichlorobenzene	60	69.6		ug/m3		116	69 - 131
1,4-Dichlorobenzene	60	71.3		ug/m3		119	67 - 132
Benzyl chloride	52	61.3		ug/m3		118	60 - 136
n-Butylbenzene	55	61.2		ug/m3		112	65 - 137
1,2-Dichlorobenzene	60	68.9		ug/m3		115	68 - 129
1,2,4-Trichlorobenzene	74	99.7		ug/m3		134	50 - 150
Hexachlorobutadiene	110	139	*+	ug/m3		131	58 - 130
Naphthalene	52	70.0		ug/m3		134	50 - 150

QC Association Summary

Client: AKRF Inc

Job ID: 200-73340-1

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

Air - GC/MS VOA

Analysis Batch: 203676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-73340-1	SVE-INF_20240430	Total/NA	Air	TO-15	
200-73340-2	SVE-INT_20240430	Total/NA	Air	TO-15	
200-73340-3	SVE-EFF_20240430	Total/NA	Air	TO-15	
200-73340-4	SVE-X_20240430	Total/NA	Air	TO-15	
200-73340-5	SVE-TB_20240430	Total/NA	Air	TO-15	
MB 200-203676/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-203676/3	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

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

Job ID: 200-73340-1

Client Sample ID: SVE-INF_20240430

Lab Sample ID: 200-73340-1

Date Collected: 04/30/24 10:25

Matrix: Air

Date Received: 05/01/24 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		20	203676	A1B	EET BUR	05/02/24 13:54

Client Sample ID: SVE-INT_20240430

Lab Sample ID: 200-73340-2

Date Collected: 04/30/24 10:32

Matrix: Air

Date Received: 05/01/24 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		20	203676	A1B	EET BUR	05/02/24 14:46

Client Sample ID: SVE-EFF_20240430

Lab Sample ID: 200-73340-3

Date Collected: 04/30/24 10:35

Matrix: Air

Date Received: 05/01/24 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		5	203676	A1B	EET BUR	05/02/24 15:38

Client Sample ID: SVE-X_20240430

Lab Sample ID: 200-73340-4

Date Collected: 04/30/24 00:00

Matrix: Air

Date Received: 05/01/24 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		2	203676	A1B	EET BUR	05/02/24 16:30

Client Sample ID: SVE-TB_20240430

Lab Sample ID: 200-73340-5

Date Collected: 04/30/24 12:00

Matrix: Air

Date Received: 05/01/24 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	203676	A1B	EET BUR	05/02/24 17:22

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: 200-73340-1

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	06-30-24

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: 200-73340-1

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: 200-73340-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-73340-1	SVE-INF_20240430	Air	04/30/24 10:25	05/01/24 15:30
200-73340-2	SVE-INT_20240430	Air	04/30/24 10:32	05/01/24 15:30
200-73340-3	SVE-EFF_20240430	Air	04/30/24 10:35	05/01/24 15:30
200-73340-4	SVE-X_20240430	Air	04/30/24 00:00	05/01/24 15:30
200-73340-5	SVE-TB_20240430	Air	04/30/24 12:00	05/01/24 15:30

Quantitation Limit Exceptions Summary

Client: AKRF Inc

Job ID: 200-73340-1

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.: 200-73340-1
SDG No.: _____
Instrument ID: CHAN.i Analysis Batch Number: 203045
Lab Sample ID: IC 200-203045/4 Client Sample ID: _____
Date Analyzed: 04/15/24 15:53 Lab File ID: 59934_004.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
cis-1,2-Dichloroethene	11.24	Assign Peak	BKZ7	04/16/24 06:24

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins BurlingtonJob No.: 200-73340-1

SDG No.: _____

Instrument ID: CHAN.iAnalysis Batch Number: 203676Lab Sample ID: 200-73340-1Client Sample ID: SVE-INF_20240430Date Analyzed: 05/02/24 13:54Lab File ID: 60170_008a.DGC Column: RTX-624ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2-Trichloroethane		Invalid Compound ID	F7XK	05/03/24 09:15
1,3-Dichlorobenzene		Assign Peak	F7XK	05/03/24 09:16
Chloroform		Assign Peak	F7XK	05/03/24 09:14
Freon 22		Invalid Compound ID	F7XK	05/03/24 09:13
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	F7XK	05/03/24 09:15
n-Butane		Assign Peak	F7XK	05/03/24 09:13
sec-Butylbenzene		Invalid Compound ID	F7XK	05/03/24 09:16
m,p-Xylene	19.46	Assign Peak	F7XK	05/03/24 09:16

Lab Sample ID: 200-73340-2Client Sample ID: SVE-INT_20240430Date Analyzed: 05/02/24 14:46Lab File ID: 60170_009.DGC Column: RTX-624ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2-Trichloroethane		Invalid Compound ID	F7XK	05/03/24 09:21
1,3,5-Trimethylbenzene		Assign Peak	F7XK	05/03/24 09:23
Freon 22		Invalid Compound ID	F7XK	05/03/24 09:19
n-Hexane		Invalid Compound ID	F7XK	05/03/24 09:20
Trichlorofluoromethane		Assign Peak	F7XK	05/03/24 09:19
Chloroform	11.82	Assign Peak	F7XK	05/03/24 09:20
m,p-Xylene	19.46	Assign Peak	F7XK	05/03/24 09:22

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins BurlingtonJob No.: 200-73340-1

SDG No.: _____

Instrument ID: CHAN.iAnalysis Batch Number: 203676Lab Sample ID: 200-73340-3Client Sample ID: SVE-EFF_20240430Date Analyzed: 05/02/24 15:38Lab File ID: 60170_010.DGC Column: RTX-624ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 22	4.53	Assign Peak	F7XK	05/03/24 09:31
1,1,2-Trichloroethane		Invalid Compound ID	F7XK	05/03/24 09:28
1,3-Butadiene		Invalid Compound ID	F7XK	05/03/24 09:24
Benzyl chloride		Invalid Compound ID	F7XK	05/03/24 09:30
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	F7XK	05/03/24 09:28
Methyl Ethyl Ketone		Assign Peak	F7XK	05/03/24 09:26
tert-Butylbenzene		Invalid Compound ID	F7XK	05/03/24 09:30
trans-1,2-Dichloroethene		Assign Peak	F7XK	05/03/24 09:25
Cyclohexane	12.27	Assign Peak	F7XK	05/03/24 09:26
2,2,4-Trimethylpentane	12.96	Assign Peak	F7XK	05/03/24 09:27
n-Heptane	13.27	Assign Peak	F7XK	05/03/24 09:27
Xylene, o-	20.24	Assign Peak	F7XK	05/03/24 09:28
Styrene	20.26	Assign Peak	F7XK	05/03/24 09:29

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Instrument ID: CHAN.i

Analysis Batch Number: 203676

Lab Sample ID: 200-73340-4

Client Sample ID: SVE-X_20240430

Date Analyzed: 05/02/24 16:30

Lab File ID: 60170_011.D

GC Column: RTX-624

ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 22	4.53	Assign Peak	F7XK	05/03/24 09:31
Chloromethane	4.97	Assign Peak	F7XK	05/03/24 09:32
trans-1,2-Dichloroethene	9.46	Assign Peak	F7XK	05/03/24 09:33
1,1,2-Trichloroethane		Invalid Compound ID	F7XK	05/03/24 09:36
Benzyl chloride		Invalid Compound ID	F7XK	05/03/24 09:38
Carbon tetrachloride		Assign Peak	F7XK	05/03/24 09:35
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	F7XK	05/03/24 09:36
Naphthalene		Assign Peak	F7XK	05/03/24 09:38
n-Butylbenzene		Invalid Compound ID	F7XK	05/03/24 09:38
tert-Butylbenzene		Invalid Compound ID	F7XK	05/03/24 09:37
Methyl Ethyl Ketone	11.22	Assign Peak	F7XK	05/03/24 09:34
2,2,4-Trimethylpentane	12.97	Assign Peak	F7XK	05/03/24 09:35
n-Heptane	13.26	Assign Peak	F7XK	05/03/24 09:35
1,2-Dichloropropane	14.38	Assign Peak	F7XK	05/03/24 09:36

Lab Sample ID: 200-73340-5

Client Sample ID: SVE-TB_20240430

Date Analyzed: 05/02/24 17:22

Lab File ID: 60170_012.D

GC Column: RTX-624

ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	4.98	Assign Peak	F7XK	05/03/24 09:39
1,1,2-Trichloroethane		Invalid Compound ID	F7XK	05/03/24 09:41
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	F7XK	05/03/24 09:42
n-Heptane	13.26	Assign Peak	F7XK	05/03/24 09:40
1,2-Dichloropropane	14.37	Assign Peak	F7XK	05/03/24 09:41
1,2,4-Trimethylbenzene	22.47	Assign Peak	F7XK	05/03/24 09:43

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL1w_00268	05/11/24	04/11/24	Nitrogen, Lot 12	15.463 L	ATTO15CAL6w_00234	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	0.20044 ppb v/v
							1,2,3-Trichloropropane	0.20044 ppb v/v
							1,2,4-Trichlorobenzene	0.20044 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.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	0.20044 ppb v/v
							Acetonitrile	0.20044 ppb v/v
							Acrolein	0.20044 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
							Dodecane	0.20044 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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	0.20044 ppb v/v
							Isopropyl alcohol	0.20044 ppb v/v
							m,p-Xylene	0.400879 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.20044 ppb v/v
							Methyl Ethyl Ketone	0.20044 ppb v/v
							methyl isobutyl ketone	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	0.140308 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	0.20044 ppb v/v
							Pentane	0.20044 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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	0.158347 ppb v/v
							Vinyl chloride	0.20044 ppb v/v
							Xylene, o-	0.20044 ppb v/v
							Ethanol	0.400944 ppb v/v
.ATTO15CAL6w_00234	05/11/24	04/11/24	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00182	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	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

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
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 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
							Bromodichloromethane	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

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)	19.9961 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v
							methyl isobutyl ketone	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	13.9973 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	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
							Toluene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,2-Dichloroethene	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	15.7969 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00170	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00182	07/02/24	04/11/24	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00048	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	200 ppb v/v
							1,2,3-Trichloropropane	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-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
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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	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	200 ppb v/v
							methyl isobutyl ketone	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	140 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	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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	158 ppb v/v
							Vinyl chloride	200 ppb v/v
...ATTO15CALs_00048	10/18/24		Linde, Lot CC-133603		(Purchased Reagent)		Xylene, o-	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 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	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	0.7 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 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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	0.79 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
..ATTO15EthCALw_00170	07/02/24	04/11/24	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
ATTO15CAL2w_00348	05/11/24	04/11/24	Nitrogen, Lot 12	15.463 L	ATTO15CAL6w_00234	387 mL	1,1,1-Trichloroethane	0.500453 ppb v/v
							1,1,2,2-Tetrachloroethane	0.500453 ppb v/v
							1,1,2-Trichloroethane	0.500453 ppb v/v
							1,1-Dichloroethane	0.500453 ppb v/v
							1,1-Dichloroethene	0.500453 ppb v/v
							1,2,3-Trichlorobenzene	0.500453 ppb v/v
							1,2,3-Trichloropropane	0.500453 ppb v/v
							1,2,4-Trichlorobenzene	0.500453 ppb v/v
							1,2,4-Trimethylbenzene	0.500453 ppb v/v
							1,2-Dibromoethane	0.500453 ppb v/v
							1,2-Dichlorobenzene	0.500453 ppb v/v
							1,2-Dichloroethane	0.500453 ppb v/v
							1,2-Dichloropropane	0.500453 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.500453 ppb v/v
							1,3,5-Trimethylbenzene	0.500453 ppb v/v
							1,3-Butadiene	0.500453 ppb v/v
							1,3-Dichlorobenzene	0.500453 ppb v/v
							1,4-Dichlorobenzene	0.500453 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dioxane	0.500453 ppb v/v
							2,2,4-Trimethylpentane	0.500453 ppb v/v
							2-Chlorotoluene	0.500453 ppb v/v
							2-Methylbutane	0.500453 ppb v/v
							3-Chloropropene	0.500453 ppb v/v
							4-Ethyltoluene	0.500453 ppb v/v
							4-Isopropyltoluene	0.500453 ppb v/v
							Acetone	0.500453 ppb v/v
							Acetonitrile	0.500453 ppb v/v
							Acrolein	0.500453 ppb v/v
							Acrylonitrile	0.500453 ppb v/v
							Alpha Methyl Styrene	0.500453 ppb v/v
							Benzene	0.500453 ppb v/v
							Benzyl chloride	0.500453 ppb v/v
							Bromodichloromethane	0.500453 ppb v/v
							Bromoethene (Vinyl Bromide)	0.500453 ppb v/v
							Bromoform	0.500453 ppb v/v
							Bromomethane	0.500453 ppb v/v
							Carbon disulfide	0.500453 ppb v/v
							Carbon tetrachloride	0.500453 ppb v/v
							Chlorobenzene	0.500453 ppb v/v
							Chloroethane	0.500453 ppb v/v
							Chloroform	0.500453 ppb v/v
							Chloromethane	0.500453 ppb v/v
							cis-1,2-Dichloroethene	0.500453 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,3-Dichloropropene	0.500453 ppb v/v
							Cumene	0.500453 ppb v/v
							Cyclohexane	0.500453 ppb v/v
							Dibromochloromethane	0.500453 ppb v/v
							Dibromomethane	0.500453 ppb v/v
							Dichlorodifluoromethane	0.500453 ppb v/v
							Dodecane	0.500453 ppb v/v
							Ethyl acetate	0.500453 ppb v/v
							Ethyl ether	0.500453 ppb v/v
							Ethylbenzene	0.500453 ppb v/v
							Freon 22	0.500453 ppb v/v
							Freon TF	0.500453 ppb v/v
							Hexachlorobutadiene	0.500453 ppb v/v
							Isopropyl alcohol	0.500453 ppb v/v
							m,p-Xylene	1.00091 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.500453 ppb v/v
							Methyl Ethyl Ketone	0.500453 ppb v/v
							methyl isobutyl ketone	0.500453 ppb v/v
							Methyl methacrylate	0.500453 ppb v/v
							Methyl tert-butyl ether	0.500453 ppb v/v
							Methylene Chloride	0.500453 ppb v/v
							n-Butane	0.500453 ppb v/v
							n-Butanol	0.350317 ppb v/v
							n-Butylbenzene	0.500453 ppb v/v
							n-Decane	0.500453 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	0.500453 ppb v/v
							n-Hexane	0.500453 ppb v/v
							n-Nonane	0.500453 ppb v/v
							n-Octane	0.500453 ppb v/v
							n-Propylbenzene	0.500453 ppb v/v
							Naphthalene	0.500453 ppb v/v
							Pentane	0.500453 ppb v/v
							Propene	0.500453 ppb v/v
							sec-Butylbenzene	0.500453 ppb v/v
							Styrene	0.500453 ppb v/v
							tert-Butyl alcohol	0.500453 ppb v/v
							tert-Butylbenzene	0.500453 ppb v/v
							Tetrachloroethene	0.500453 ppb v/v
							Tetrahydrofuran	0.500453 ppb v/v
							Toluene	0.500453 ppb v/v
							trans-1,2-Dichloroethene	0.500453 ppb v/v
							trans-1,3-Dichloropropene	0.500453 ppb v/v
							Trichloroethene	0.500453 ppb v/v
							Trichlorofluoromethane	0.500453 ppb v/v
							Undecane	0.500453 ppb v/v
							Vinyl acetate	0.395358 ppb v/v
							Vinyl chloride	0.500453 ppb v/v
							Xylene, o-	0.500453 ppb v/v
							Ethanol	5.01064 ppb v/v
					ATTO15EthCALw_00170	124 mL	Ethanol	5.01064 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.ATTO15CAL6w_00234	05/11/24	04/11/24	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00182	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	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v
							methyl isobutyl ketone	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	13.9973 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	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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	15.7969 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00170	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00182	07/02/24	04/11/24	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00048	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	200 ppb v/v
							1,2,3-Trichloropropane	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-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.: 200-73340-1

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
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 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	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	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

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	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	140 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	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	158 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
...ATTO15CALs_00048	10/18/24	Linde, Lot CC-133603			(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 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 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 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butanol	0.7 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 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	0.79 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
..ATTO15EthCALw_00170	07/02/24	04/11/24	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
.ATTO15EthCALw_00170	07/02/24	04/11/24	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_00277	05/11/24	04/11/24	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00182	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	4.99256 ppb v/v
							1,2,3-Trichloropropane	4.99256 ppb v/v
							1,2,4-Trichlorobenzene	4.99256 ppb v/v
							1,2,4-Trimethylbenzene	4.99256 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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
							Acetone	4.99256 ppb v/v
							Acetonitrile	4.99256 ppb v/v
							Acrolein	4.99256 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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	4.99256 ppb v/v
							Isopropyl alcohol	4.99256 ppb v/v
							m,p-Xylene	9.98513 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	4.99256 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone	4.99256 ppb v/v
							methyl isobutyl ketone	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	3.49479 ppb v/v
							n-Butylbenzene	4.99256 ppb v/v
							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	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

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	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	3.94412 ppb v/v
							Vinyl chloride	4.99256 ppb v/v
							Xylene, o-	4.99256 ppb v/v
					ATTO15EthCALw_00170	309 mL	Ethanol	9.99159 ppb v/v
.ATTO15CALSTKi_00182	07/02/24	04/11/24	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00048	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	200 ppb v/v
							1,2,3-Trichloropropane	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-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
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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	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	200 ppb v/v
							methyl isobutyl ketone	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	140 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	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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	158 ppb v/v
..ATTO15CALs_00048	10/18/24		Linde, Lot CC-133603		(Purchased Reagent)		Vinyl chloride	200 ppb v/v
							Xylene, o-	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 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	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	0.7 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 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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	0.79 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00170	07/02/24	04/11/24	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Xylene, o-	1 ppm v/v
..1gEthanol_00005	08/30/25		ChemService, Lot 12173500		(Purchased Reagent)		Ethanol	500 ppb v/v
							Ethanol	1 mL/mL
ATTO15CAL4w_00825	05/11/24	04/11/24	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00182	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	9.99806 ppb v/v
							1,2,3-Trichloropropane	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-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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Acetone	9.99806 ppb v/v
							Acetonitrile	9.99806 ppb v/v
							Acrolein	9.99806 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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	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	9.99806 ppb v/v
							methyl isobutyl ketone	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	6.99864 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Decane	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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	9.99806 ppb v/v
							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	7.89847 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15CALSTKi_00182	07/02/24	04/11/24	Nitrogen, Lot 13	37.5 L	ATTO15EthCALw_00170	464 mL	Ethanol	15.0036 ppb v/v
					ATTO15CALs_00048	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	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-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
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl ether	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	200 ppb v/v
							methyl isobutyl ketone	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	140 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	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	158 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00048	10/18/24		Linde, Lot CC-133603		(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 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	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	0.7 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 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	0.79 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00170	07/02/24	04/11/24	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_00825	05/11/24	04/11/24	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00182	773 mL	1,2-Dichloroethene, Total	19.9961 ppb v/v
							Xylene (total)	29.9942 ppb v/v
.ATTO15CALSTKi_00182	07/02/24	04/11/24	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00048	7500 mL	1,2-Dichloroethene, Total	400 ppb v/v
..ATTO15CALs_00048	10/18/24		Linde, Lot CC-133603		(Purchased Reagent)		Xylene (total)	600 ppb v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							Xylene (total)	3 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL5w_00145	05/11/24	04/11/24	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00182	1160 mL	1,1,1-Trichloroethane	15.0036 ppb v/v
							1,1,2,2-Tetrachloroethane	15.0036 ppb v/v
							1,1,2-Trichloroethane	15.0036 ppb v/v
							1,1-Dichloroethane	15.0036 ppb v/v
							1,1-Dichloroethene	15.0036 ppb v/v
							1,2,3-Trichlorobenzene	15.0036 ppb v/v
							1,2,3-Trichloropropane	15.0036 ppb v/v
							1,2,4-Trichlorobenzene	15.0036 ppb v/v
							1,2,4-Trimethylbenzene	15.0036 ppb v/v
							1,2-Dibromoethane	15.0036 ppb v/v
							1,2-Dichlorobenzene	15.0036 ppb v/v
							1,2-Dichloroethane	15.0036 ppb v/v
							1,2-Dichloropropane	15.0036 ppb v/v
							1,2-Dichlorotetrafluoroethane	15.0036 ppb v/v
							1,3,5-Trimethylbenzene	15.0036 ppb v/v
							1,3-Butadiene	15.0036 ppb v/v
							1,3-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dioxane	15.0036 ppb v/v
							2,2,4-Trimethylpentane	15.0036 ppb v/v
							2-Chlorotoluene	15.0036 ppb v/v
							2-Methylbutane	15.0036 ppb v/v
							3-Chloropropene	15.0036 ppb v/v
							4-Ethyltoluene	15.0036 ppb v/v
							4-Isopropyltoluene	15.0036 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	15.0036 ppb v/v
							Acetonitrile	15.0036 ppb v/v
							Acrolein	15.0036 ppb v/v
							Acrylonitrile	15.0036 ppb v/v
							Alpha Methyl Styrene	15.0036 ppb v/v
							Benzene	15.0036 ppb v/v
							Benzyl chloride	15.0036 ppb v/v
							Bromodichloromethane	15.0036 ppb v/v
							Bromoethene (Vinyl Bromide)	15.0036 ppb v/v
							Bromoform	15.0036 ppb v/v
							Bromomethane	15.0036 ppb v/v
							Carbon disulfide	15.0036 ppb v/v
							Carbon tetrachloride	15.0036 ppb v/v
							Chlorobenzene	15.0036 ppb v/v
							Chloroethane	15.0036 ppb v/v
							Chloroform	15.0036 ppb v/v
							Chloromethane	15.0036 ppb v/v
							cis-1,2-Dichloroethene	15.0036 ppb v/v
							cis-1,3-Dichloropropene	15.0036 ppb v/v
							Cumene	15.0036 ppb v/v
							Cyclohexane	15.0036 ppb v/v
							Dibromochloromethane	15.0036 ppb v/v
							Dibromomethane	15.0036 ppb v/v
							Dichlorodifluoromethane	15.0036 ppb v/v
							Dodecane	15.0036 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl acetate	15.0036 ppb v/v
							Ethyl ether	15.0036 ppb v/v
							Ethylbenzene	15.0036 ppb v/v
							Freon 22	15.0036 ppb v/v
							Freon TF	15.0036 ppb v/v
							Hexachlorobutadiene	15.0036 ppb v/v
							Isopropyl alcohol	15.0036 ppb v/v
							m,p-Xylene	30.0071 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	15.0036 ppb v/v
							Methyl Ethyl Ketone	15.0036 ppb v/v
							methyl isobutyl ketone	15.0036 ppb v/v
							Methyl methacrylate	15.0036 ppb v/v
							Methyl tert-butyl ether	15.0036 ppb v/v
							Methylene Chloride	15.0036 ppb v/v
							n-Butane	15.0036 ppb v/v
							n-Butanol	10.5025 ppb v/v
							n-Butylbenzene	15.0036 ppb v/v
							n-Decane	15.0036 ppb v/v
							n-Heptane	15.0036 ppb v/v
							n-Hexane	15.0036 ppb v/v
							n-Nonane	15.0036 ppb v/v
							n-Octane	15.0036 ppb v/v
							n-Propylbenzene	15.0036 ppb v/v
							Naphthalene	15.0036 ppb v/v
							Pentane	15.0036 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	15.0036 ppb v/v
							sec-Butylbenzene	15.0036 ppb v/v
							Styrene	15.0036 ppb v/v
							tert-Butyl alcohol	15.0036 ppb v/v
							tert-Butylbenzene	15.0036 ppb v/v
							Tetrachloroethene	15.0036 ppb v/v
							Tetrahydrofuran	15.0036 ppb v/v
							Toluene	15.0036 ppb v/v
							trans-1,2-Dichloroethene	15.0036 ppb v/v
							trans-1,3-Dichloropropene	15.0036 ppb v/v
							Trichloroethene	15.0036 ppb v/v
							Trichlorofluoromethane	15.0036 ppb v/v
							Undecane	15.0036 ppb v/v
							Vinyl acetate	11.8528 ppb v/v
							Vinyl chloride	15.0036 ppb v/v
							Xylene, o-	15.0036 ppb v/v
					ATTO15EthCALw_00170	620 mL	Ethanol	20.0479 ppb v/v
.ATTO15CALSTKi_00182	07/02/24	04/11/24	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00048	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	200 ppb v/v
							1,2,3-Trichloropropane	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-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.: 200-73340-1

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
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 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	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	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

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	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	140 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	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	158 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00048	10/18/24	Linde, Lot CC-133603			(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 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 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 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butanol	0.7 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 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_00170	07/02/24	04/11/24	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
ATTO15CAL6w_00234	05/11/24	04/11/24	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00182	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	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 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
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene (Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							methyl isobutyl ketone	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	13.9973 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	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
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	15.7969 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00170	1237 mL	Ethanol	39.9987 ppb v/v
.ATTO15CALSTKi_00182	07/02/24	04/11/24	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00048	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	200 ppb v/v
							1,2,3-Trichloropropane	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-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
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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	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	200 ppb v/v
							methyl isobutyl ketone	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	140 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	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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	158 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00048	10/18/24		Linde, Lot CC-133603			(Purchased Reagent)	Xylene, o-	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 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	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	0.7 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 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.: 200-73340-1

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	0.79 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00170	07/02/24	04/11/24	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_00145	05/11/24	04/11/24	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00182	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	39.9922 ppb v/v
							1,2,3-Trichloropropane	39.9922 ppb v/v
							1,2,4-Trichlorobenzene	39.9922 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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Acetone	39.9922 ppb v/v
							Acetonitrile	39.9922 ppb v/v
							Acrolein	39.9922 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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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	39.9922 ppb v/v
							Isopropyl alcohol	39.9922 ppb v/v
							m,p-Xylene	79.9845 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	39.9922 ppb v/v
							Methyl Ethyl Ketone	39.9922 ppb v/v
							methyl isobutyl ketone	39.9922 ppb v/v
							Methyl methacrylate	39.9922 ppb v/v
							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	27.9946 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Nonane	39.9922 ppb v/v
							n-Octane	39.9922 ppb v/v
							n-Propylbenzene	39.9922 ppb v/v
							Naphthalene	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
							Trichlorofluoromethane	39.9922 ppb v/v
							Undecane	39.9922 ppb v/v
							Vinyl acetate	31.5939 ppb v/v
							Vinyl chloride	39.9922 ppb v/v
							Xylene, o-	39.9922 ppb v/v
					ATTO15EthCALw_00170	3092 mL	Ethanol	99.9806 ppb v/v
.ATTO15CALSTKi_00182	07/02/24	04/11/24	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00048	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	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	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-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
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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	200 ppb v/v
							methyl isobutyl ketone	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	140 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	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	158 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00048	10/18/24		Linde, Lot CC-133603		(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 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 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 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	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	0.7 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 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	0.79 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00170	07/02/24	04/11/24	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)	

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15LCSW_00877	05/03/24	04/03/24	Nitrogen, Lot 13	15.463 L	ATTO15LCSSTKi_00145	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
							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
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							methyl isobutyl ketone	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
							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
							Vinyl chloride	9.99806 ppb v/v
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00145	10/18/24	04/01/24	Nitrogen, Lot 12	37.5 L	ATTO15CALs_00049	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

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	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
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	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
							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
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00049	10/18/24		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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

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
							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
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene (total)	3 ppm v/v
							Xylene, o-	1 ppm v/v
ATTO15LCSW_00878	08/01/24	05/01/24	Nitrogen, Lot 13	15.463 L	ATTO15LCSSTKi_00146	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	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
							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
							Vinyl chloride	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00146	10/18/24	04/22/24	Nitrogen, Lot 12	37.5 L	ATTO15CALs_00049	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
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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	200 ppb v/v
							methyl isobutyl ketone	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
							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
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00049	10/18/24	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	
						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	

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	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
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Xylene, o-	1 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





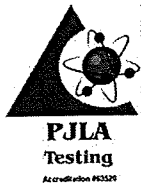
660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

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

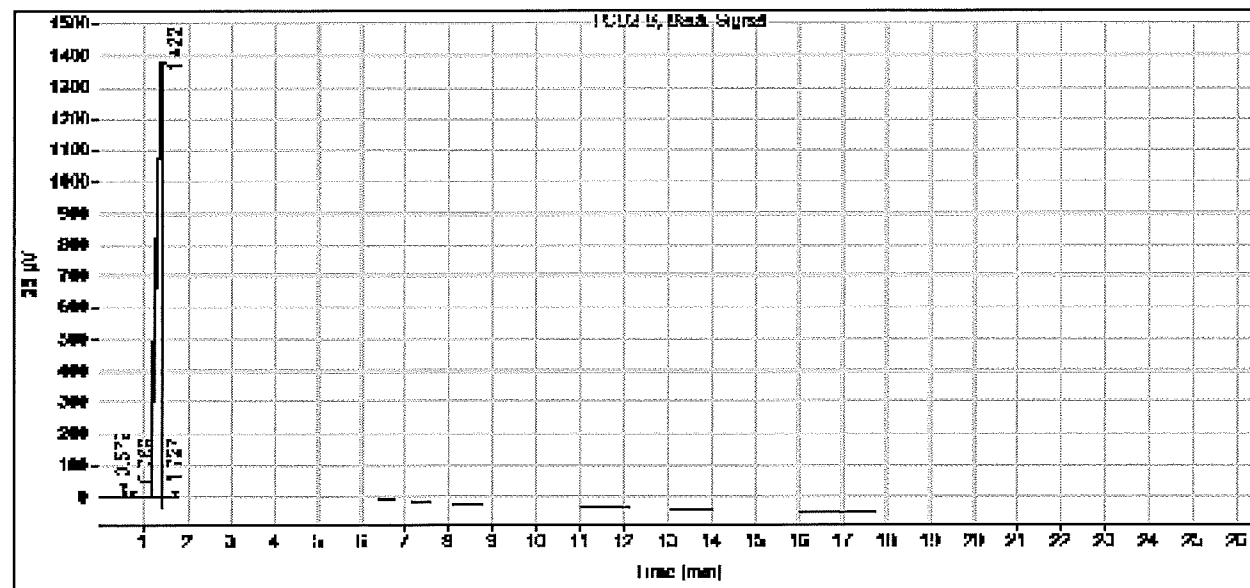
Mary Beth O'Donnell
CSM/TC



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			11772.0658		

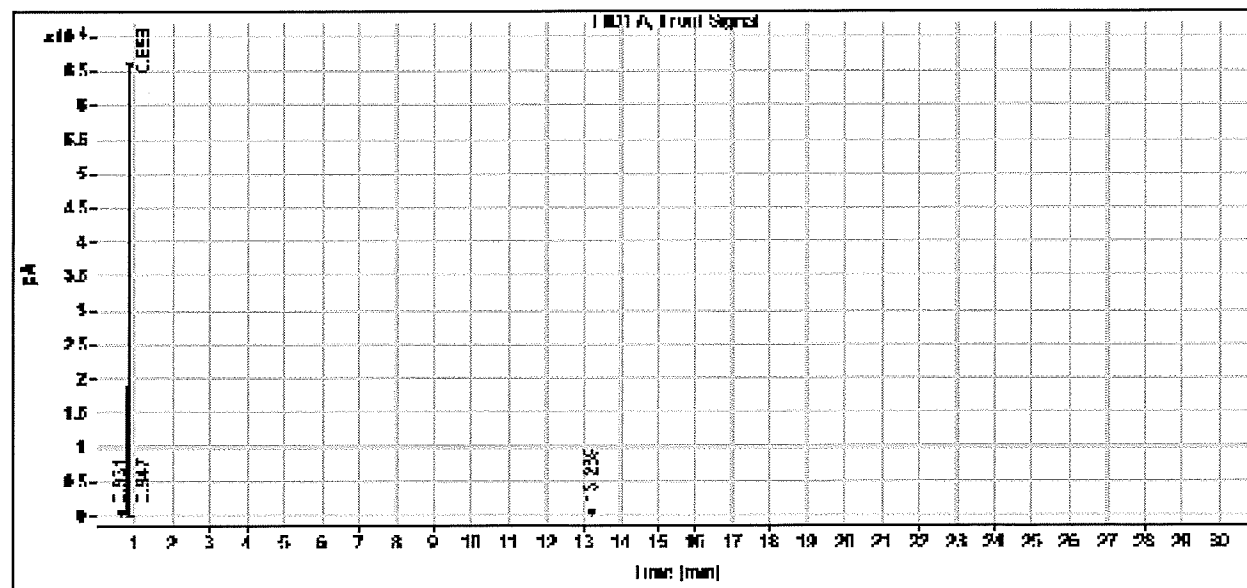


660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

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

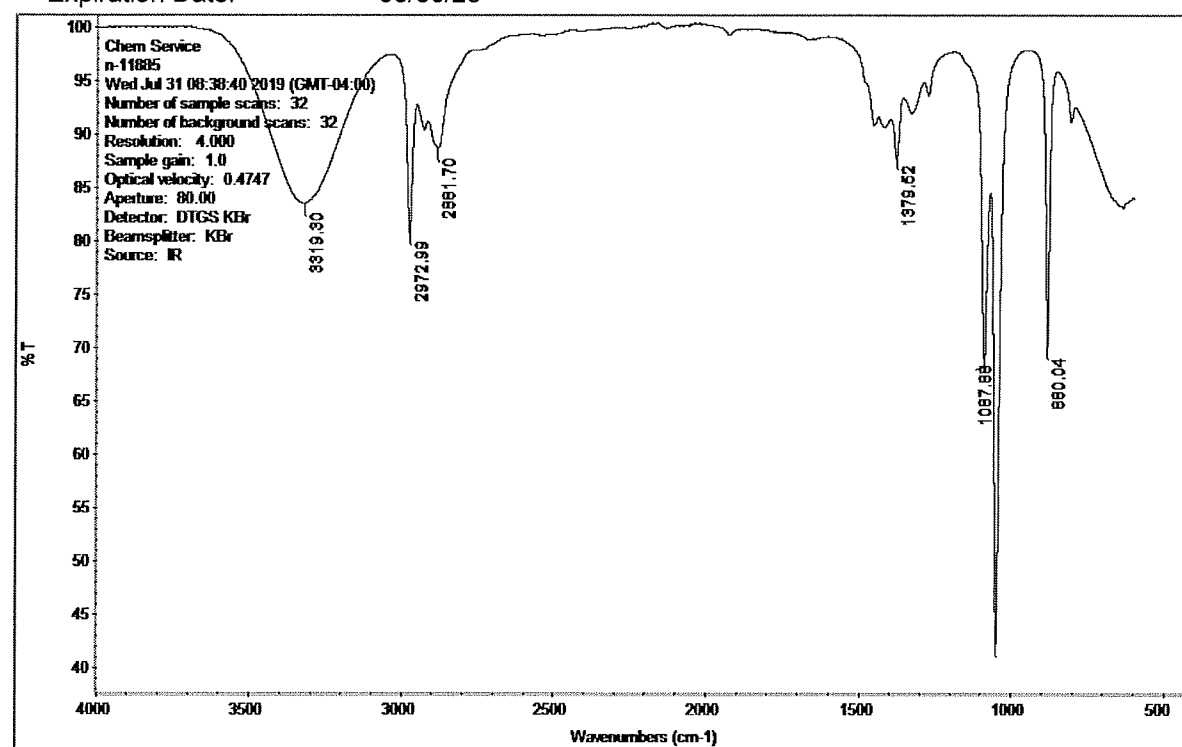
RT [min]	Type	Width [min]	Area	Height	Area%
0.631	BV	0.0075	0.2668	0.5372	0.0002
0.647	VB	0.0112	27.4219	37.8672	0.0185
0.888	BB S	0.0287	148490.7656	65443.8719	99.9813
13.239	BB	0.0025	0.0186	0.1089	0.0000
Sum			148518.4729		



CERTIFICATE OF ANALYSIS

Analysis Method:

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



Reagent

ATTO15CALs_00048

THE LINDE GROUP

Linde

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

PAGE: 1 of 4



1809416

ID: ATTO15CALs_00048

Exp: 10/18/24 Prpd

TO15 Calibration Source 1

ANALYSIS REPORT

Sales#: 117483885
Production#: 1595731
Report Date: Oct-18-2023
P.O.# : 75601236
Blend Type: QUALIFIED
Material#: 24106776
Traceability: NIST by weight
Expiration Date: Oct-18-2024
Do NOT use under: 150 psig

Cylinder Size: 152 (8" X 47.5")
Cylinder # : CC-133603
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
Propylene	115-07-1	1.00 ppm	1.02 ppm
Chlorodifluoromethane	75-45-6	1.00 ppm	1.07 ppm
Freon-12	75-71-8	1.00 ppm	1.04 ppm
Chloromethane	74-87-3	1.00 ppm	1.02 ppm
Freon-114	76-14-2	1.00 ppm	1.09 ppm
Vinyl Chloride	75-01-4	1.00 ppm	1.04 ppm
1,3-Butadiene	106-99-0	1.00 ppm	0.98 ppm
Methanol (No Stability Guarantee)	67-56-1	1.00 ppm	0.58 ppm
n-Butane	106-97-8	1.00 ppm	1.06 ppm
Bromomethane	74-83-9	1.00 ppm	1.04 ppm
Chloroethane	75-00-3	1.00 ppm	1.06 ppm
Vinyl Bromide	593-60-2	1.00 ppm	1.02 ppm
Acetonitrile	75-05-8	1.00 ppm	0.92 ppm
Acrolein	107-02-8	1.00 ppm	0.94 ppm
Isopentane	78-78-4	1.00 ppm	1.05 ppm
Acetone	67-64-1	1.00 ppm	1.04 ppm
Freon-11	75-69-4	1.00 ppm	1.05 ppm
Isopropyl Alcohol	67-63-0	1.00 ppm	0.97 ppm
Acrylonitrile	107-13-1	1.00 ppm	1.03 ppm
n-Pentane	109-66-0	1.00 ppm	1.04 ppm
Ethyl Ether	60-29-7	1.00 ppm	1.04 ppm
1,1-Dichloroethene	75-35-4	1.00 ppm	1.04 ppm
Carbon Disulfide	75-15-0	1.00 ppm	1.03 ppm
Methylene Chloride	75-09-2	1.00 ppm	1.03 ppm
Tert-Butanol	75-65-0	1.00 ppm	1.09 ppm
3-Chloropropene	107-05-1	1.00 ppm	1.05 ppm
Freon-113	76-13-1	1.00 ppm	1.06 ppm
Trans-1,2-Dichloroethene	156-60-5	1.00 ppm	1.05 ppm
1,1-Dichloroethane	75-34-3	1.00 ppm	1.04 ppm
Methyl Tert Butyl Ether	1634-04-4	1.00 ppm	1.04 ppm

THE LINDE GROUP

Linde

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

PAGE: 2 of 4

ANALYSIS REPORT

Sales#:	117483885	Cylinder Size:	152 (8" X 47.5")
Production#:	1595731	Cylinder # :	CC-133603
Report Date:	Oct-18-2023	Cylinder Pressure:	1700 psig
P.O.# :	75601236	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-18-2024	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Analytical Accuracy:	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Vinyl Acetate (No Stability Guarantee)	108-05-4	1.00 ppm	0.79 ppm
Methyl Ethyl Ketone	78-93-3	1.00 ppm	1.03 ppm
Cis-1,2-Dichloroethene	156-59-2	1.00 ppm	1.05 ppm
Hexane	110-54-3	1.00 ppm	1.05 ppm
Chloroform	67-66-3	1.00 ppm	1.05 ppm
Ethyl Acetate	141-78-6	1.00 ppm	1.04 ppm
Tetrahydrofuran	109-99-9	1.00 ppm	0.98 ppm
1,2-Dichloroethane	107-06-2	1.00 ppm	1.05 ppm
1,1,1-Trichloroethane	71-55-6	1.00 ppm	1.04 ppm
Benzene	71-43-2	1.00 ppm	1.04 ppm
1-Butanol (No Stability Guarantee)	71-36-3	1.00 ppm	0.70 ppm
Carbon Tetrachloride	56-23-5	1.00 ppm	1.04 ppm
Cyclohexane	110-82-7	1.00 ppm	1.04 ppm
Dibromomethane	74-95-3	1.00 ppm	1.04 ppm
1,2-Dichloropropane	78-87-5	1.00 ppm	1.04 ppm
Trichloroethylene	79-01-6	1.00 ppm	1.02 ppm
Bromodichloromethane	75-27-4	1.00 ppm	1.02 ppm
1,4-Dioxane	123-91-1	1.00 ppm	1.02 ppm
2,2,4-Trimethylpentane	540-84-1	1.00 ppm	1.03 ppm
Methyl Methacrylate	80-62-6	1.00 ppm	1.03 ppm
Heptane	142-82-5	1.00 ppm	1.04 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.00 ppm	1.02 ppm
Methyl Isobutyl Ketone	108-10-1	1.00 ppm	1.03 ppm
Methylcyclohexane	108-87-2	1.00 ppm	1.05 ppm
Trans-1,3-Dichloropropene	10061-02-6	1.00 ppm	1.00 ppm
1,1,2-Trichloroethane	79-00-5	1.00 ppm	1.05 ppm
Toluene	108-88-3	1.00 ppm	1.03 ppm
Methyl Butyl Ketone	591-78-6	1.00 ppm	1.01 ppm
Dibromochloromethane	124-48-1	1.00 ppm	1.06 ppm
1,2-Dibromoethane	106-93-4	1.00 ppm	1.06 ppm

THE LINDE GROUP

Linde

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

PAGE: 3 of 4

ANALYSIS REPORT

Sales#:	117483885	Cylinder Size:	152 (8" X 47.5")
Production#:	1595731	Cylinder # :	CC-133603
Report Date:	Oct-18-2023	Cylinder Pressure:	1700 psig
P.O.# :	75601236	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-18-2024	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	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	1.06 ppm
Chlorobenzene	108-90-7	1.00 ppm	1.05 ppm
Ethylbenzene	100-41-4	1.00 ppm	1.02 ppm
p-xylene	106-42-3	1.00 ppm	1.03 ppm
m-xylene	108-38-3	1.00 ppm	1.03 ppm
Bromoform	75-25-2	1.00 ppm	1.03 ppm
Styrene	100-42-5	1.00 ppm	1.02 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	1.04 ppm
Nonane	111-84-2	1.00 ppm	1.04 ppm
Cumene	98-82-8	1.00 ppm	1.05 ppm
2-Chlorotoluene	95-49-8	1.00 ppm	1.04 ppm
n-Propylbenzene	103-65-1	1.00 ppm	1.03 ppm
4-Ethyltoluene	622-96-8	1.00 ppm	1.02 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	0.99 ppm
Tert-Butyl Benzene	98-06-6	1.00 ppm	1.03 ppm
1,2,4-Trimethylbenzene	95-63-6	1.00 ppm	1.04 ppm
1,3-Dichlorobenzene	541-73-1	1.00 ppm	1.03 ppm
Benzyl Chloride	100-44-7	1.00 ppm	1.03 ppm
n-Decane	124-18-5	1.00 ppm	1.03 ppm
1,4-Dichlorobenzene	106-46-7	1.00 ppm	1.03 ppm
Sec-Butyl Benzene	135-98-8	1.00 ppm	1.04 ppm
4-Isopropyltoluene	99-87-6	1.00 ppm	1.04 ppm
1,2-Dichlorobenzene	95-50-1	1.00 ppm	1.07 ppm
n-Butyl Benzene	104-51-8	1.00 ppm	1.05 ppm

THE LINDE GROUP

Linde

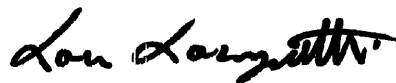
SHIPPED TO: Test America Inc.
30 Community Dr
South Burlington, VT 05403

PAGE: 4 of 4

ANALYSIS REPORT

Sales#:	117483885	Cylinder Size:	152 (8" X 47.5")
Production#:	1595731	Cylinder # :	CC-133603
Report Date:	Oct-18-2023	Cylinder Pressure:	1700 psig
P.O.# :	75601236	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-18-2024	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	1.06 ppm
1,2,4-Trichlorobenzene	120-82-1	1.00 ppm	1.04 ppm
Naphthalene	91-20-3	1.00 ppm	1.05 ppm
n-Dodecane	112-40-3	1.00 ppm	1.07 ppm
1,2,3-Trichlorobenzene	87-61-6	1.00 ppm	1.09 ppm
Hexachloro-1,3-Butadiene	87-68-3	1.00 ppm	1.05 ppm
Nitrogen	7727-37-9	Balance	Balance

ANALYST:

Lou Lorenzetti

DATE: Oct-18-2023

Reagent

ATTO15CALs_00049

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	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
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

THE LINDE GROUP

Linde

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

PAGE: 2 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
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

Linde

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

PAGE: 3 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-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

THE LINDE GROUP

Linde

SHIPPED TO: Test America Inc.
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

THE LINDE GROUP

Linde

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

PAGE: 1 of 4



1809416

ID: ATTO15CALs_00048

Exp: 10/18/24 Prpd

TO15 Calibration Source 1

ANALYSIS REPORT

Sales#: 117483885
Production#: 1595731
Report Date: Oct-18-2023
P.O.# : 75601236
Blend Type: QUALIFIED
Material#: 24106776
Traceability: NIST by weight
Expiration Date: Oct-18-2024
Do NOT use under: 150 psig

Cylinder Size: 152 (8" X 47.5")
Cylinder # : CC-133603
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
Propylene	115-07-1	1.00 ppm	1.02 ppm
Chlorodifluoromethane	75-45-6	1.00 ppm	1.07 ppm
Freon-12	75-71-8	1.00 ppm	1.04 ppm
Chloromethane	74-87-3	1.00 ppm	1.02 ppm
Freon-114	76-14-2	1.00 ppm	1.09 ppm
Vinyl Chloride	75-01-4	1.00 ppm	1.04 ppm
1,3-Butadiene	106-99-0	1.00 ppm	0.98 ppm
Methanol (No Stability Guarantee)	67-56-1	1.00 ppm	0.58 ppm
n-Butane	106-97-8	1.00 ppm	1.06 ppm
Bromomethane	74-83-9	1.00 ppm	1.04 ppm
Chloroethane	75-00-3	1.00 ppm	1.06 ppm
Vinyl Bromide	593-60-2	1.00 ppm	1.02 ppm
Acetonitrile	75-05-8	1.00 ppm	0.92 ppm
Acrolein	107-02-8	1.00 ppm	0.94 ppm
Isopentane	78-78-4	1.00 ppm	1.05 ppm
Acetone	67-64-1	1.00 ppm	1.04 ppm
Freon-11	75-69-4	1.00 ppm	1.05 ppm
Isopropyl Alcohol	67-63-0	1.00 ppm	0.97 ppm
Acrylonitrile	107-13-1	1.00 ppm	1.03 ppm
n-Pentane	109-66-0	1.00 ppm	1.04 ppm
Ethyl Ether	60-29-7	1.00 ppm	1.04 ppm
1,1-Dichloroethene	75-35-4	1.00 ppm	1.04 ppm
Carbon Disulfide	75-15-0	1.00 ppm	1.03 ppm
Methylene Chloride	75-09-2	1.00 ppm	1.03 ppm
Tert-Butanol	75-65-0	1.00 ppm	1.09 ppm
3-Chloropropene	107-05-1	1.00 ppm	1.05 ppm
Freon-113	76-13-1	1.00 ppm	1.06 ppm
Trans-1,2-Dichloroethene	156-60-5	1.00 ppm	1.05 ppm
1,1-Dichloroethane	75-34-3	1.00 ppm	1.04 ppm
Methyl Tert Butyl Ether	1634-04-4	1.00 ppm	1.04 ppm

THE LINDE GROUP

Linde

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

PAGE: 2 of 4

ANALYSIS REPORT

Sales#:	117483885	Cylinder Size:	152 (8" X 47.5")
Production#:	1595731	Cylinder # :	CC-133603
Report Date:	Oct-18-2023	Cylinder Pressure:	1700 psig
P.O.# :	75601236	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-18-2024	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	Analytical Accuracy:	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Vinyl Acetate (No Stability Guarantee)	108-05-4	1.00 ppm	0.79 ppm
Methyl Ethyl Ketone	78-93-3	1.00 ppm	1.03 ppm
Cis-1,2-Dichloroethene	156-59-2	1.00 ppm	1.05 ppm
Hexane	110-54-3	1.00 ppm	1.05 ppm
Chloroform	67-66-3	1.00 ppm	1.05 ppm
Ethyl Acetate	141-78-6	1.00 ppm	1.04 ppm
Tetrahydrofuran	109-99-9	1.00 ppm	0.98 ppm
1,2-Dichloroethane	107-06-2	1.00 ppm	1.05 ppm
1,1,1-Trichloroethane	71-55-6	1.00 ppm	1.04 ppm
Benzene	71-43-2	1.00 ppm	1.04 ppm
1-Butanol (No Stability Guarantee)	71-36-3	1.00 ppm	0.70 ppm
Carbon Tetrachloride	56-23-5	1.00 ppm	1.04 ppm
Cyclohexane	110-82-7	1.00 ppm	1.04 ppm
Dibromomethane	74-95-3	1.00 ppm	1.04 ppm
1,2-Dichloropropane	78-87-5	1.00 ppm	1.04 ppm
Trichloroethylene	79-01-6	1.00 ppm	1.02 ppm
Bromodichloromethane	75-27-4	1.00 ppm	1.02 ppm
1,4-Dioxane	123-91-1	1.00 ppm	1.02 ppm
2,2,4-Trimethylpentane	540-84-1	1.00 ppm	1.03 ppm
Methyl Methacrylate	80-62-6	1.00 ppm	1.03 ppm
Heptane	142-82-5	1.00 ppm	1.04 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.00 ppm	1.02 ppm
Methyl Isobutyl Ketone	108-10-1	1.00 ppm	1.03 ppm
Methylcyclohexane	108-87-2	1.00 ppm	1.05 ppm
Trans-1,3-Dichloropropene	10061-02-6	1.00 ppm	1.00 ppm
1,1,2-Trichloroethane	79-00-5	1.00 ppm	1.05 ppm
Toluene	108-88-3	1.00 ppm	1.03 ppm
Methyl Butyl Ketone	591-78-6	1.00 ppm	1.01 ppm
Dibromochloromethane	124-48-1	1.00 ppm	1.06 ppm
1,2-Dibromoethane	106-93-4	1.00 ppm	1.06 ppm

THE LINDE GROUP

Linde

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

PAGE: 3 of 4

ANALYSIS REPORT

Sales#:	117483885	Cylinder Size:	152 (8" X 47.5")
Production#:	1595731	Cylinder # :	CC-133603
Report Date:	Oct-18-2023	Cylinder Pressure:	1700 psig
P.O.# :	75601236	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-18-2024	Blend Tolerance:	10% Relative
Do NOT use under:	150 psig	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	1.06 ppm
Chlorobenzene	108-90-7	1.00 ppm	1.05 ppm
Ethylbenzene	100-41-4	1.00 ppm	1.02 ppm
p-xylene	106-42-3	1.00 ppm	1.03 ppm
m-xylene	108-38-3	1.00 ppm	1.03 ppm
Bromoform	75-25-2	1.00 ppm	1.03 ppm
Styrene	100-42-5	1.00 ppm	1.02 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	1.04 ppm
Nonane	111-84-2	1.00 ppm	1.04 ppm
Cumene	98-82-8	1.00 ppm	1.05 ppm
2-Chlorotoluene	95-49-8	1.00 ppm	1.04 ppm
n-Propylbenzene	103-65-1	1.00 ppm	1.03 ppm
4-Ethyltoluene	622-96-8	1.00 ppm	1.02 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	0.99 ppm
Tert-Butyl Benzene	98-06-6	1.00 ppm	1.03 ppm
1,2,4-Trimethylbenzene	95-63-6	1.00 ppm	1.04 ppm
1,3-Dichlorobenzene	541-73-1	1.00 ppm	1.03 ppm
Benzyl Chloride	100-44-7	1.00 ppm	1.03 ppm
n-Decane	124-18-5	1.00 ppm	1.03 ppm
1,4-Dichlorobenzene	106-46-7	1.00 ppm	1.03 ppm
Sec-Butyl Benzene	135-98-8	1.00 ppm	1.04 ppm
4-Isopropyltoluene	99-87-6	1.00 ppm	1.04 ppm
1,2-Dichlorobenzene	95-50-1	1.00 ppm	1.07 ppm
n-Butyl Benzene	104-51-8	1.00 ppm	1.05 ppm

THE LINDE GROUP

Linde

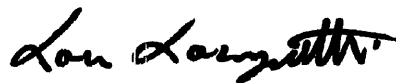
SHIPPED TO: Test America Inc.
30 Community Dr
South Burlington, VT 05403

PAGE: 4 of 4

ANALYSIS REPORT

Sales#:	117483885	Cylinder Size:	152 (8" X 47.5")
Production#:	1595731	Cylinder # :	CC-133603
Report Date:	Oct-18-2023	Cylinder Pressure:	1700 psig
P.O.# :	75601236	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-18-2024	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	1.06 ppm
1,2,4-Trichlorobenzene	120-82-1	1.00 ppm	1.04 ppm
Naphthalene	91-20-3	1.00 ppm	1.05 ppm
n-Dodecane	112-40-3	1.00 ppm	1.07 ppm
1,2,3-Trichlorobenzene	87-61-6	1.00 ppm	1.09 ppm
Hexachloro-1,3-Butadiene	87-68-3	1.00 ppm	1.05 ppm
Nitrogen	7727-37-9	Balance	Balance

ANALYST:

Lou Lorenzetti

DATE: Oct-18-2023

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

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

ANALYST: Brian Bramkamp

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.: 200-73340-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 60170_003.D
 Lab ID: LCS 200-203676/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	10.6	106	61-142	
Freon 22	10.0	9.56	96	60-147	
1,2-Dichlorotetrafluoroethane	10.0	10.4	104	71-141	
Chloromethane	10.0	8.78	88	56-141	
n-Butane	10.0	7.62	76	53-151	
Vinyl chloride	10.0	8.24	82	61-135	
1,3-Butadiene	10.0	7.66	77	58-139	
Bromomethane	10.0	10.3	103	72-124	
Chloroethane	10.0	9.01	90	68-130	
Bromoethene (Vinyl Bromide)	10.0	10.9	109	75-125	
Trichlorofluoromethane	10.0	10.2	102	70-129	
Freon TF	10.0	9.43	94	70-121	
1,1-Dichloroethene	10.0	8.78	88	68-120	
Acetone	10.0	8.18	82	54-154	
Isopropyl alcohol	10.0	8.68	87	53-142	
Carbon disulfide	10.0	8.62	86	71-138	
3-Chloropropene	10.0	7.14	71	50-150	
Methylene Chloride	10.0	7.31	73	59-137	
tert-Butyl alcohol	10.0	8.55	86	66-132	
Methyl tert-butyl ether	10.0	8.98	90	70-127	
trans-1,2-Dichloroethene	10.0	8.14	81	69-137	
n-Hexane	10.0	7.76	78	63-138	
1,1-Dichloroethane	10.0	7.85	79	66-130	
Methyl Ethyl Ketone	10.0	8.45	85	72-124	
cis-1,2-Dichloroethene	10.0	8.53	85	72-121	
Chloroform	10.0	8.95	89	73-124	
Tetrahydrofuran	10.0	7.80	78	60-149	
1,1,1-Trichloroethane	10.0	9.95	100	72-127	
Cyclohexane	10.0	9.23	92	76-124	
Carbon tetrachloride	10.0	10.7	107	71-133	
2,2,4-Trimethylpentane	10.0	8.29	83	68-131	
Benzene	10.0	8.81	88	73-119	
1,2-Dichloroethane	10.0	9.16	92	68-135	
n-Heptane	10.0	7.59	76	60-142	
Trichloroethene	10.0	9.72	97	73-122	
Methyl methacrylate	10.0	9.22	92	73-129	
1,2-Dichloropropane	10.0	8.31	83	69-128	
1,4-Dioxane	10.0	9.91	99	66-129	
Bromodichloromethane	10.0	9.89	99	75-127	
cis-1,3-Dichloropropene	10.0	9.96	100	74-125	
methyl isobutyl ketone	10.0	8.16	82	58-144	
Toluene	10.0	9.59	96	75-122	

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.: 200-73340-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 60170_003.D
 Lab ID: LCS 200-203676/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	9.81	98	74-128	
1,1,2-Trichloroethane	10.0	9.18	92	75-126	
Tetrachloroethene	10.0	11.0	110	70-125	
Methyl Butyl Ketone (2-Hexanone)	10.0	8.63	86	57-143	
Dibromochloromethane	10.0	11.1	112	73-125	
1,2-Dibromoethane	10.0	10.1	101	78-122	
Chlorobenzene	10.0	10.0	100	76-119	
Ethylbenzene	10.0	9.84	98	74-122	
m,p-Xylene	20.0	20.6	103	76-121	
Xylene, o-	10.0	10.3	103	73-123	
Styrene	10.0	10.7	107	74-125	
Bromoform	10.0	13.1	131	53-149	
Cumene	10.0	10.6	106	73-123	
1,1,2,2-Tetrachloroethane	10.0	9.41	94	74-126	
n-Propylbenzene	10.0	10.4	104	73-127	
4-Ethyltoluene	10.0	11.0	110	75-129	
1,3,5-Trimethylbenzene	10.0	10.7	108	72-126	
2-Chlorotoluene	10.0	10.2	102	74-126	
tert-Butylbenzene	10.0	11.0	110	71-125	
1,2,4-Trimethylbenzene	10.0	11.0	110	71-129	
sec-Butylbenzene	10.0	10.8	108	70-128	
4-Isopropyltoluene	10.0	11.3	113	68-130	
1,3-Dichlorobenzene	10.0	11.6	116	69-131	
1,4-Dichlorobenzene	10.0	11.9	119	67-132	
Benzyl chloride	10.0	11.8	118	60-136	
n-Butylbenzene	10.0	11.1	112	65-137	
1,2-Dichlorobenzene	10.0	11.5	115	68-129	
1,2,4-Trichlorobenzene	10.0	13.4	134	50-150	
Hexachlorobutadiene	10.0	13.1	131	58-130	*+
Naphthalene	10.0	13.4	134	50-150	

Column to be used to flag recovery and RPD values

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-73340-1
SDG No.: _____
Lab File ID: 60170_005.D Lab Sample ID: MB 200-203676/5
Matrix: Air Heated Purge: (Y/N) N
Instrument ID: CHAN.i Date Analyzed: 05/02/2024 11:18
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 200-203676/3	60170_003.D	05/02/2024 09:35
SVE-INF_20240430	200-73340-1	60170_008a. D	05/02/2024 13:54
SVE-INT_20240430	200-73340-2	60170_009.D	05/02/2024 14:46
SVE-EFF_20240430	200-73340-3	60170_010.D	05/02/2024 15:38
SVE-X_20240430	200-73340-4	60170_011.D	05/02/2024 16:30
SVE-TB_20240430	200-73340-5	60170_012.D	05/02/2024 17:22

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
SDG No.: _____
Lab File ID: 59934_001.D BFB Injection Date: 04/15/2024
Instrument ID: CHAN.i BFB Injection Time: 13:14
Analysis Batch No.: 203045

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	23.5
75	30.0 - 66.0% of mass 95	54.2
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	56.5
175	4.0 - 9.0 % of mass 174	4.5 (8.0) 1
176	93.0 - 101.0% of mass 174	54.2 (96.0) 1
177	5.0 - 9.0% of mass 176	3.6 (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
	IC 200-203045/4	59934_004.D	04/15/2024	15:53
	IC 200-203045/5	59934_005.D	04/15/2024	16:46
	IC 200-203045/6	59934_006.D	04/15/2024	17:39
	IC 200-203045/7	59934_007.D	04/15/2024	18:32
	ICIS 200-203045/9	59934_009.D	04/15/2024	20:17
	IC 200-203045/10	59934_010.D	04/15/2024	21:10
	IC 200-203045/13	59934_013.D	04/15/2024	23:47
	IC 200-203045/14	59934_014.D	04/16/2024	0:40
	ICV 200-203045/17	59934_017.D	04/16/2024	3:17

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
SDG No.: _____
Lab File ID: 60170_001.D BFB Injection Date: 05/02/2024
Instrument ID: CHAN.i BFB Injection Time: 07:55
Analysis Batch No.: 203676

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	23.2
75	30.0 - 66.0% of mass 95	54.6
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 120.0% of mass 95	64.2
175	4.0 - 9.0 % of mass 174	5.0 (7.7) 1
176	93.0 - 101.0% of mass 174	62.1 (96.7) 1
177	5.0 - 9.0% of mass 176	4.1 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-203676/2	60170_002.D	05/02/2024	8:43
	LCS 200-203676/3	60170_003.D	05/02/2024	9:35
	MB 200-203676/5	60170_005.D	05/02/2024	11:18
SVE-INF_20240430	200-73340-1	60170_008a.D	05/02/2024	13:54
SVE-INT_20240430	200-73340-2	60170_009.D	05/02/2024	14:46
SVE-EFF_20240430	200-73340-3	60170_010.D	05/02/2024	15:38
SVE-X_20240430	200-73340-4	60170_011.D	05/02/2024	16:30
SVE-TB_20240430	200-73340-5	60170_012.D	05/02/2024	17:22

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
SDG No.: _____
Sample No.: ICIS 200-203045/9 Date Analyzed: 04/15/2024 20:17
Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm)
Lab File ID (Standard): 59934_009.D Heated Purge: (Y/N) N
Calibration ID: 52447

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		182076	11.65	939580	13.48	835128	18.96
UPPER LIMIT		254906	11.98	1315412	13.81	1169179	19.29
LOWER LIMIT		109246	11.32	563748	13.15	501077	18.63
LAB SAMPLE ID		CLIENT SAMPLE ID					
ICV 200-203045/17							
		196795	11.65	1000009	13.48	875738	18.96

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Sample No.: CCVIS 200-203676/2 Date Analyzed: 05/02/2024 08:43
 Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 60170_002.D Heated Purge: (Y/N) N
 Calibration ID: 52447

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		143814	11.63	704257	13.47	613772	18.95
UPPER LIMIT		201340	11.96	985960	13.80	859281	19.28
LOWER LIMIT		86288	11.30	422554	13.14	368263	18.62
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-203676/3		143943	11.63	709354	13.48	627435	18.95
MB 200-203676/5		144166	11.64	719646	13.48	615976	18.95
200-73340-1	SVE-INF_20240430	140354	11.64	688714	13.48	602242	18.95
200-73340-2	SVE-INT_20240430	140884	11.64	687747	13.48	601249	18.95
200-73340-3	SVE-EFF_20240430	139936	11.64	680449	13.48	601940	18.95
200-73340-4	SVE-X_20240430	139395	11.64	672268	13.48	604797	18.95
200-73340-5	SVE-TB_20240430	138000	11.64	671057	13.48	603117	18.95

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 I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-INF_20240430 Lab Sample ID: 200-73340-1

Matrix: Air Lab File ID: 60170_008a.D

Analysis Method: TO-15 Date Collected: 04/30/2024 10:25

Sample wt/vol: 10 (mL) Date Analyzed: 05/02/2024 13:54

Soil Aliquot Vol: _____ Dilution Factor: 20

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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	10	U	10	2.2
75-45-6	Freon 22	86.47	10	U	10	2.4
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	4.0	U	4.0	0.96
74-87-3	Chloromethane	50.49	10	U	10	3.0
106-97-8	n-Butane	58.12	10	U	10	4.0
75-01-4	Vinyl chloride	62.50	1.6	U	1.6	0.42
106-99-0	1,3-Butadiene	54.09	4.0	U	4.0	0.78
74-83-9	Bromomethane	94.94	4.0	U	4.0	1.4
75-00-3	Chloroethane	64.52	10	U	10	3.6
593-60-2	Bromoethene (Vinyl Bromide)	106.96	4.0	U	4.0	1.0
75-69-4	Trichlorofluoromethane	137.37	4.0	U	4.0	1.0
76-13-1	Freon TF	187.38	4.0	U	4.0	1.1
75-35-4	1,1-Dichloroethene	96.94	0.70	U	0.70	0.52
67-64-1	Acetone	58.08	100	U	100	32
67-63-0	Isopropyl alcohol	60.10	100	U	100	32
75-15-0	Carbon disulfide	76.14	10	U	10	2.6
107-05-1	3-Chloropropene	76.53	10	U	10	2.4
75-09-2	Methylene Chloride	84.93	10	U	10	3.6
75-65-0	tert-Butyl alcohol	74.12	100	U	100	24
1634-04-4	Methyl tert-butyl ether	88.15	4.0	U	4.0	0.72
156-60-5	trans-1,2-Dichloroethene	96.94	4.0	U	4.0	0.46
110-54-3	n-Hexane	86.17	10	U	10	2.2
75-34-3	1,1-Dichloroethane	98.96	4.0	U	4.0	0.50
78-93-3	Methyl Ethyl Ketone	72.11	10	U	10	9.8
156-59-2	cis-1,2-Dichloroethene	96.94	2.1		1.0	0.42
540-59-0	1,2-Dichloroethene, Total	96.94	2.1	J	8.0	0.42
67-66-3	Chloroform	119.38	4.0	U	4.0	0.82
109-99-9	Tetrahydrofuran	72.11	100	U	100	26
71-55-6	1,1,1-Trichloroethane	133.41	4.0	U	4.0	0.88
110-82-7	Cyclohexane	84.16	4.0	U	4.0	1.2
56-23-5	Carbon tetrachloride	153.81	0.70	U	0.70	0.44
540-84-1	2,2,4-Trimethylpentane	114.23	4.0	U	4.0	0.76

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-INF_20240430 Lab Sample ID: 200-73340-1

Matrix: Air Lab File ID: 60170_008a.D

Analysis Method: TO-15 Date Collected: 04/30/2024 10:25

Sample wt/vol: 10 (mL) Date Analyzed: 05/02/2024 13:54

Soil Aliquot Vol: _____ Dilution Factor: 20

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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	4.0	U	4.0	0.88
107-06-2	1,2-Dichloroethane	98.96	4.0	U	4.0	1.9
142-82-5	n-Heptane	100.21	4.0	U	4.0	1.1
79-01-6	Trichloroethene	131.39	1.5		0.70	0.50
80-62-6	Methyl methacrylate	100.12	10	U	10	2.8
78-87-5	1,2-Dichloropropane	112.99	4.0	U	4.0	1.9
123-91-1	1,4-Dioxane	88.11	100	U	100	1.6
75-27-4	Bromodichloromethane	163.83	4.0	U	4.0	1.0
10061-01-5	cis-1,3-Dichloropropene	110.97	4.0	U	4.0	0.90
108-10-1	methyl isobutyl ketone	100.16	10	U	10	2.6
108-88-3	Toluene	92.14	1.6	J	4.0	1.2
10061-02-6	trans-1,3-Dichloropropene	110.97	4.0	U	4.0	1.1
79-00-5	1,1,2-Trichloroethane	133.41	4.0	U	4.0	1.5
127-18-4	Tetrachloroethene	165.83	330		4.0	0.42
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10	U	10	3.0
124-48-1	Dibromochloromethane	208.28	4.0	U	4.0	1.3
106-93-4	1,2-Dibromoethane	187.87	4.0	U	4.0	0.84
108-90-7	Chlorobenzene	112.56	4.0	U	4.0	0.88
100-41-4	Ethylbenzene	106.17	4.0	U	4.0	1.4
179601-23-1	m,p-Xylene	106.17	10	U	10	1.9
95-47-6	Xylene, o-	106.17	4.0	U	4.0	1.3
1330-20-7	Xylene (total)	106.17	14	U	14	1.0
100-42-5	Styrene	104.15	4.0	U	4.0	1.2
75-25-2	Bromoform	252.75	4.0	U	4.0	2.4
98-82-8	Cumene	120.19	4.0	U	4.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	167.85	4.0	U	4.0	0.86
103-65-1	n-Propylbenzene	120.19	4.0	U	4.0	0.94
622-96-8	4-Ethyltoluene	120.20	4.0	U	4.0	0.98
108-67-8	1,3,5-Trimethylbenzene	120.20	4.0	U	4.0	0.94
95-49-8	2-Chlorotoluene	126.59	4.0	U	4.0	0.92
98-06-6	tert-Butylbenzene	134.22	4.0	U	4.0	0.94
95-63-6	1,2,4-Trimethylbenzene	120.20	4.0	U	4.0	1.6

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-INF_20240430 Lab Sample ID: 200-73340-1
 Matrix: Air Lab File ID: 60170_008a.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 10:25
 Sample wt/vol: 10 (mL) Date Analyzed: 05/02/2024 13:54
 Soil Aliquot Vol: _____ Dilution Factor: 20
 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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	4.0	U	4.0	0.90
99-87-6	4-Isopropyltoluene	134.22	4.0	U	4.0	1.2
541-73-1	1,3-Dichlorobenzene	147.00	4.0	U	4.0	1.5
106-46-7	1,4-Dichlorobenzene	147.00	4.0	U	4.0	1.8
100-44-7	Benzyl chloride	126.58	4.0	U	4.0	1.8
104-51-8	n-Butylbenzene	134.22	4.0	U	4.0	2.2
95-50-1	1,2-Dichlorobenzene	147.00	4.0	U	4.0	1.3
120-82-1	1,2,4-Trichlorobenzene	181.45	10	U	10	6.6
87-68-3	Hexachlorobutadiene	260.76	4.0	U **	4.0	2.2
91-20-3	Naphthalene	128.17	10	U	10	6.0

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-INF_20240430 Lab Sample ID: 200-73340-1

Matrix: Air Lab File ID: 60170_008a.D

Analysis Method: TO-15 Date Collected: 04/30/2024 10:25

Sample wt/vol: 10 (mL) Date Analyzed: 05/02/2024 13:54

Soil Aliquot Vol: _____ Dilution Factor: 20

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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	49	U	49	11
75-45-6	Freon 22	86.47	35	U	35	8.5
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	28	U	28	6.7
74-87-3	Chloromethane	50.49	21	U	21	6.2
106-97-8	n-Butane	58.12	24	U	24	9.5
75-01-4	Vinyl chloride	62.50	4.0	U	4.0	1.1
106-99-0	1,3-Butadiene	54.09	8.8	U	8.8	1.7
74-83-9	Bromomethane	94.94	16	U	16	5.5
75-00-3	Chloroethane	64.52	26	U	26	9.5
593-60-2	Bromoethene (Vinyl Bromide)	106.96	17	U	17	4.4
75-69-4	Trichlorofluoromethane	137.37	22	U	22	5.6
76-13-1	Freon TF	187.38	31	U	31	8.1
75-35-4	1,1-Dichloroethene	96.94	2.8	U	2.8	2.1
67-64-1	Acetone	58.08	240	U	240	76
67-63-0	Isopropyl alcohol	60.10	250	U	250	79
75-15-0	Carbon disulfide	76.14	31	U	31	8.1
107-05-1	3-Chloropropene	76.53	31	U	31	7.5
75-09-2	Methylene Chloride	84.93	35	U	35	13
75-65-0	tert-Butyl alcohol	74.12	300	U	300	73
1634-04-4	Methyl tert-butyl ether	88.15	14	U	14	2.6
156-60-5	trans-1,2-Dichloroethene	96.94	16	U	16	1.8
110-54-3	n-Hexane	86.17	35	U	35	7.8
75-34-3	1,1-Dichloroethane	98.96	16	U	16	2.0
78-93-3	Methyl Ethyl Ketone	72.11	29	U	29	29
156-59-2	cis-1,2-Dichloroethene	96.94	8.2		4.0	1.7
540-59-0	1,2-Dichloroethene, Total	96.94	8.3	J	32	1.7
67-66-3	Chloroform	119.38	20	U	20	4.0
109-99-9	Tetrahydrofuran	72.11	290	U	290	77
71-55-6	1,1,1-Trichloroethane	133.41	22	U	22	4.8
110-82-7	Cyclohexane	84.16	14	U	14	4.0
56-23-5	Carbon tetrachloride	153.81	4.4	U	4.4	2.8
540-84-1	2,2,4-Trimethylpentane	114.23	19	U	19	3.6

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-INF_20240430 Lab Sample ID: 200-73340-1

Matrix: Air Lab File ID: 60170_008a.D

Analysis Method: TO-15 Date Collected: 04/30/2024 10:25

Sample wt/vol: 10 (mL) Date Analyzed: 05/02/2024 13:54

Soil Aliquot Vol: _____ Dilution Factor: 20

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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	13	U	13	2.8
107-06-2	1,2-Dichloroethane	98.96	16	U	16	7.5
142-82-5	n-Heptane	100.21	16	U	16	4.5
79-01-6	Trichloroethene	131.39	8.3		3.8	2.7
80-62-6	Methyl methacrylate	100.12	41	U	41	11
78-87-5	1,2-Dichloropropane	112.99	18	U	18	8.7
123-91-1	1,4-Dioxane	88.11	360	U	360	5.9
75-27-4	Bromodichloromethane	163.83	27	U	27	6.7
10061-01-5	cis-1,3-Dichloropropene	110.97	18	U	18	4.1
108-10-1	methyl isobutyl ketone	100.16	41	U	41	11
108-88-3	Toluene	92.14	6.2	J	15	4.7
10061-02-6	trans-1,3-Dichloropropene	110.97	18	U	18	4.9
79-00-5	1,1,2-Trichloroethane	133.41	22	U	22	8.1
127-18-4	Tetrachloroethene	165.83	2200		27	2.8
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	41	U	41	12
124-48-1	Dibromochloromethane	208.28	34	U	34	11
106-93-4	1,2-Dibromoethane	187.87	31	U	31	6.5
108-90-7	Chlorobenzene	112.56	18	U	18	4.1
100-41-4	Ethylbenzene	106.17	17	U	17	6.0
179601-23-1	m,p-Xylene	106.17	43	U	43	8.3
95-47-6	Xylene, o-	106.17	17	U	17	5.5
1330-20-7	Xylene (total)	106.17	61	U	61	4.5
100-42-5	Styrene	104.15	17	U	17	5.0
75-25-2	Bromoform	252.75	41	U	41	25
98-82-8	Cumene	120.19	20	U	20	4.0
79-34-5	1,1,2,2-Tetrachloroethane	167.85	27	U	27	5.9
103-65-1	n-Propylbenzene	120.19	20	U	20	4.6
622-96-8	4-Ethyltoluene	120.20	20	U	20	4.8
108-67-8	1,3,5-Trimethylbenzene	120.20	20	U	20	4.6
95-49-8	2-Chlorotoluene	126.59	21	U	21	4.8
98-06-6	tert-Butylbenzene	134.22	22	U	22	5.2
95-63-6	1,2,4-Trimethylbenzene	120.20	20	U	20	7.9

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-INF_20240430 Lab Sample ID: 200-73340-1
 Matrix: Air Lab File ID: 60170_008a.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 10:25
 Sample wt/vol: 10 (mL) Date Analyzed: 05/02/2024 13:54
 Soil Aliquot Vol: _____ Dilution Factor: 20
 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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	22	U	22	4.9
99-87-6	4-Isopropyltoluene	134.22	22	U	22	6.7
541-73-1	1,3-Dichlorobenzene	147.00	24	U	24	8.9
106-46-7	1,4-Dichlorobenzene	147.00	24	U	24	11
100-44-7	Benzyl chloride	126.58	21	U	21	9.1
104-51-8	n-Butylbenzene	134.22	22	U	22	12
95-50-1	1,2-Dichlorobenzene	147.00	24	U	24	7.9
120-82-1	1,2,4-Trichlorobenzene	181.45	74	U	74	49
87-68-3	Hexachlorobutadiene	260.76	43	U **	43	23
91-20-3	Naphthalene	128.17	52	U	52	31

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_008a.D
 Lims ID: 200-73340-A-1
 Client ID: SVE-INF_20240430
 Sample Type: Client
 Inject. Date: 02-May-2024 13:54:37 ALS Bottle#: 0 Worklist Smp#: 8
 Purge Vol: 200.000 mL Dil. Factor: 20.0000
 Sample Info:
 Operator ID: Instrument ID: CHAN.i
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 03-May-2024 09:17:36 Calib Date: 16-Apr-2024 00:40:13
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_014.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1653

First Level Reviewer: F7XK

Date: 03-May-2024 09:17:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85		4.487				ND	7
3 Chlorodifluoromethane	51		4.530				ND	MU
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.856				ND	
5 Chloromethane	50		4.974				ND	
6 Vinyl chloride	62		5.273				ND	
7 Butane	43		5.273				ND	MU
8 Butadiene	54		5.385				ND	
9 Bromomethane	94		6.108				ND	
10 Chloroethane	64		6.386				ND	
13 Vinyl bromide	106		6.809				ND	
14 Trichlorofluoromethane	101		6.969				ND	7
20 1,1-Dichloroethene	96		8.034				ND	
21 1,1,2-Trichloro-1,2,2-trifluoro	101		8.071				ND	
22 Acetone	43		8.114				ND	7
23 Isopropyl alcohol	45	8.430	8.408	0.022	98	35143	0.6691	
24 Carbon disulfide	76	8.435	8.435	0.000	25	1834	0.0207	
26 3-Chloro-1-propene	41		8.729				ND	
27 Methylene Chloride	49		8.959				ND	7
28 2-Methyl-2-propanol	59		9.173				ND	7
30 trans-1,2-Dichloroethene	61		9.457				ND	
31 Methyl tert-butyl ether	73		9.462				ND	
32 Hexane	57		9.965				ND	7
S 35 1,2-Dichloroethene, Total	61				0		0.1037	
33 1,1-Dichloroethane	63		10.227				ND	
36 2-Butanone (MEK)	72		11.201				ND	7
37 cis-1,2-Dichloroethene	96	11.238	11.227	0.011	96	3156	0.1037	
* 39 Chlorobromomethane	128	11.640	11.634	0.006	94	140354	10.0	
40 Tetrahydrofuran	42		11.671				ND	7
41 Chloroform	83		11.816				ND	MU
42 1,1,1-Trichloroethane	97		12.121				ND	
43 Cyclohexane	84		12.255				ND	
44 Carbon tetrachloride	117		12.394				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Benzene	78		12.741				ND	7
46 1,2-Dichloroethane	62		12.822				ND	
47 Isooctane	57		12.955				ND	
48 n-Heptane	43		13.260				ND	
* 49 1,4-Difluorobenzene	114	13.480	13.474	0.006	96	688714	10.0	
51 Trichloroethene	95	13.908	13.908	0.000	88	2845	0.0768	
53 1,2-Dichloropropane	63		14.368				ND	
54 Methyl methacrylate	69		14.448				ND	
55 1,4-Dioxane	88		14.491				ND	
58 Dichlorobromomethane	83		14.833				ND	
59 cis-1,3-Dichloropropene	75		15.636				ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.898				ND	7
62 Toluene	92	16.283	16.272	0.011	93	4614	0.0818	
66 trans-1,3-Dichloropropene	75		16.690				ND	
67 1,1,2-Trichloroethane	83		17.064				ND	MU
68 Tetrachloroethene	166	17.262	17.262	0.000	90	580034	16.6	
69 2-Hexanone	43		17.471				ND	MU
70 Chlorodibromomethane	129		17.797				ND	
71 Ethylene Dibromide	107		18.038				ND	
* 73 Chlorobenzene-d5	117	18.953	18.953	0.000	90	602242	10.0	
74 Chlorobenzene	112		19.011				ND	
75 Ethylbenzene	91		19.199				ND	7
76 m-Xylene & p-Xylene	106	19.461	19.461	0.000	0	679	0.0155	M
S 80 Xylenes, Total	106				0		0.0155	7
78 o-Xylene	106		20.231				ND	7
79 Styrene	104		20.263				ND	
81 Bromoform	173		20.600				ND	
82 Isopropylbenzene	105		20.911				ND	
83 1,1,2,2-Tetrachloroethane	83		21.419				ND	7
85 N-Propylbenzene	91		21.617				ND	7
86 2-Chlorotoluene	91		21.761				ND	7
87 4-Ethyltoluene	105		21.809				ND	7
88 1,3,5-Trimethylbenzene	105		21.900				ND	7
91 tert-Butylbenzene	119		22.376				ND	7
92 1,2,4-Trimethylbenzene	105	22.462	22.462	0.000	91	1840	0.0174	
93 sec-Butylbenzene	105		22.697				ND	MU
94 1,3-Dichlorobenzene	146		22.874				ND	MU
95 4-Isopropyltoluene	119		22.911				ND	7
96 1,4-Dichlorobenzene	146		23.013				ND	7
97 Benzyl chloride	91		23.157				ND	7
98 n-Butylbenzene	91		23.468				ND	7
99 1,2-Dichlorobenzene	146		23.505				ND	7
102 1,2,4-Trichlorobenzene	180	25.966	25.971	-0.005	86	939	0.0230	
103 Hexachlorobutadiene	225		26.218				ND	
104 Naphthalene	128	26.453	26.458	-0.005	97	3409	0.0336	

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\20240502-60170.b\60170_008a.D

Injection Date: 02-May-2024 13:54:37

Instrument ID: CHAN.i

Operator ID:

Lims ID: 200-73340-A-1

Lab Sample ID: 200-73340-1

Worklist Smp#: 8

Client ID: SVE-INF_20240430

Purge Vol: 200.000 mL

Dil. Factor: 20.0000

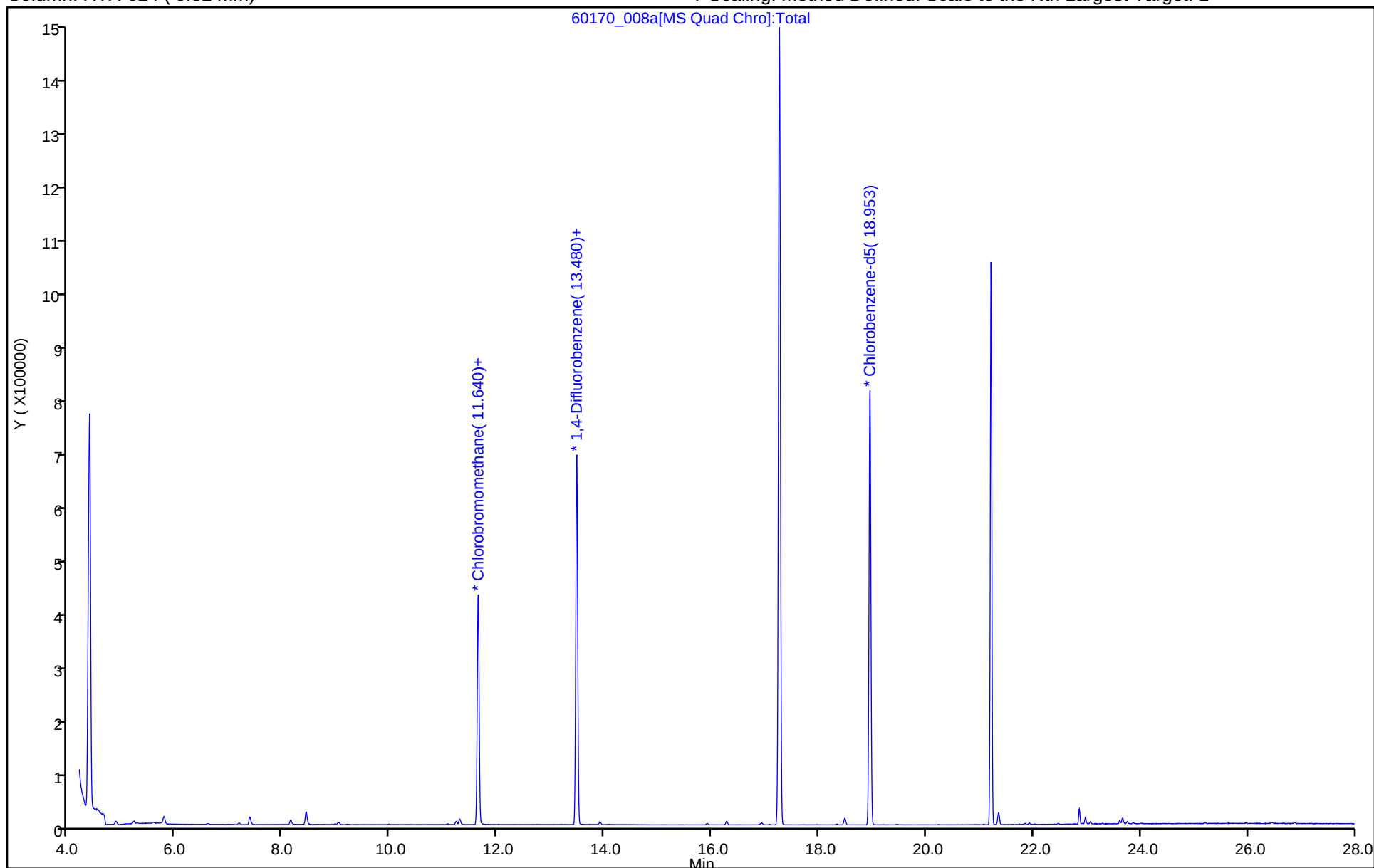
ALS Bottle#: 0

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

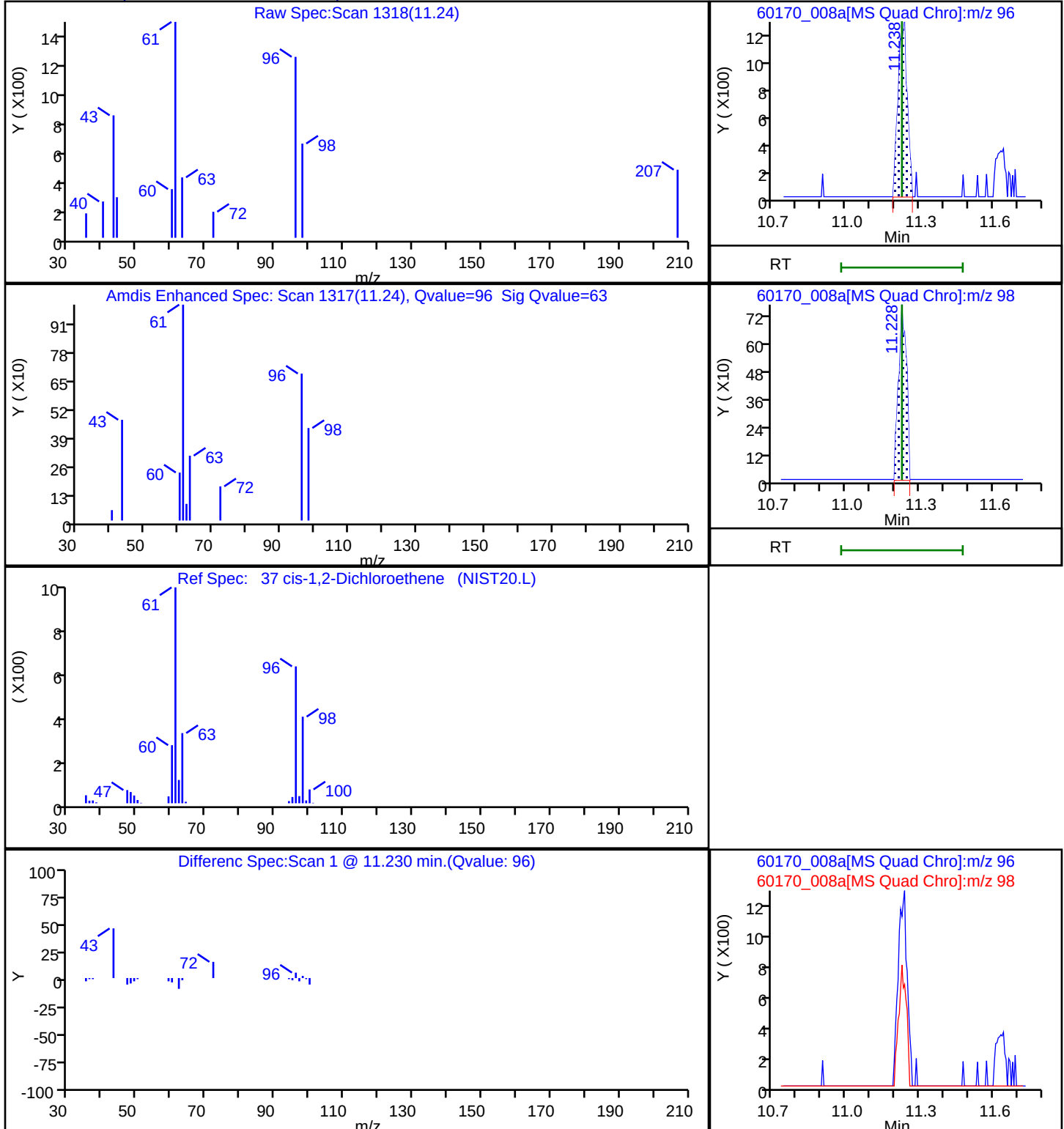
Column: RTX-624 (0.32 mm)

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



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_008a.D
Injection Date: 02-May-2024 13:54:37 Instrument ID: CHAN.i
Lims ID: 200-73340-A-1 Lab Sample ID: 200-73340-1
Client ID: SVE-INF_20240430
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 20.0000
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\20240502-60170.b\60170_008a.D

Injection Date: 02-May-2024 13:54:37

Instrument ID: CHAN.i

Lims ID: 200-73340-A-1

Lab Sample ID: 200-73340-1

Client ID: SVE-INF_20240430

Operator ID:

ALS Bottle#:

Worklist Smp#: 8

Purge Vol: 200.000 mL

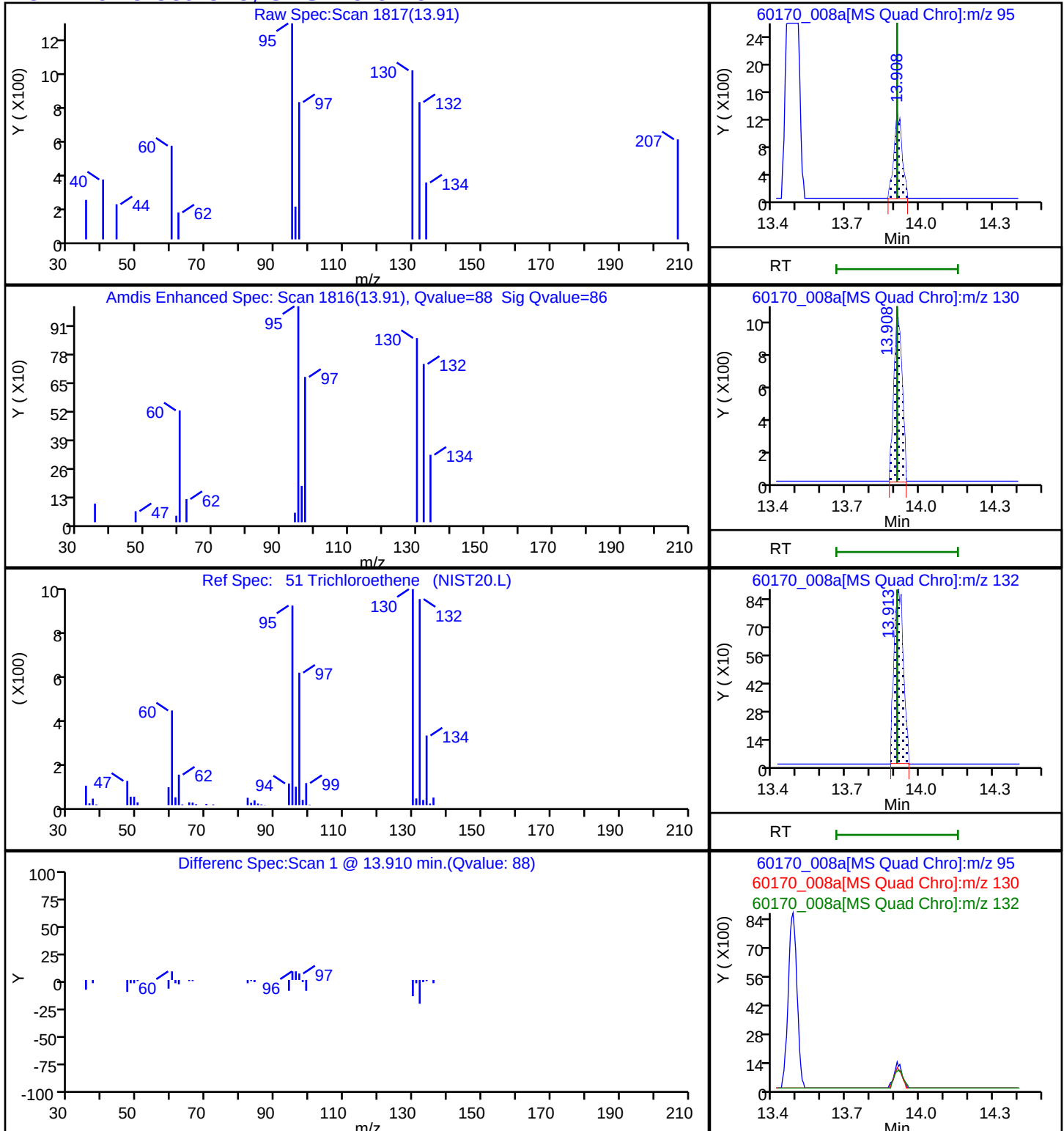
Dil. Factor: 20.0000

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\20240502-60170.b\60170_008a.D

Injection Date: 02-May-2024 13:54:37

Instrument ID: CHAN.i

Lims ID: 200-73340-A-1

Lab Sample ID: 200-73340-1

Client ID: SVE-INF_20240430

Operator ID:

ALS Bottle#:

Worklist Smp#: 8

Purge Vol: 200.000 mL

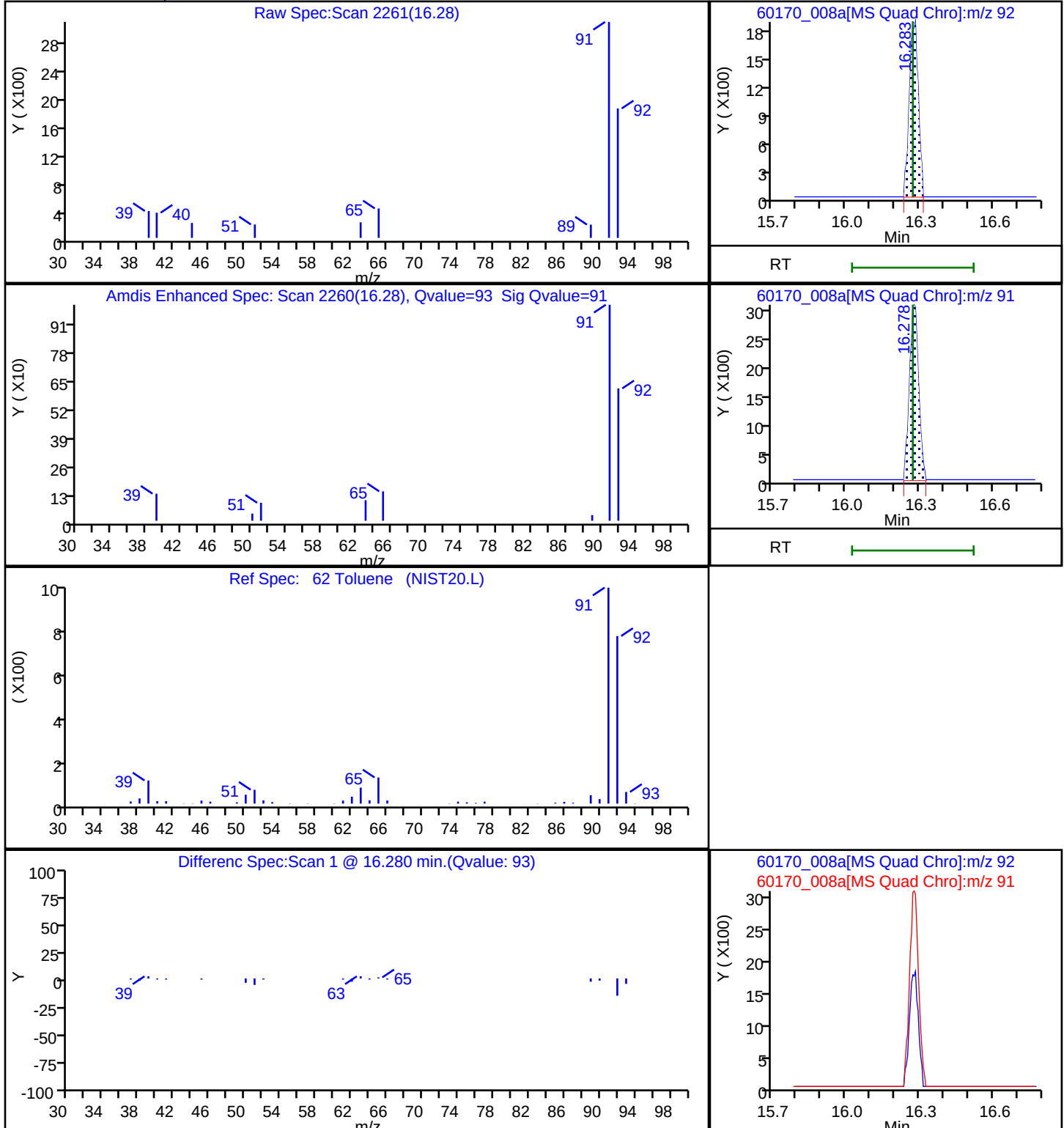
Dil. Factor: 20.0000

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\20240502-60170.b\60170_008a.D

Injection Date: 02-May-2024 13:54:37

Instrument ID: CHAN.i

Lims ID: 200-73340-A-1

Lab Sample ID: 200-73340-1

Client ID: SVE-INF_20240430

Operator ID:

ALS Bottle#:

Worklist Smp#: 8

Purge Vol: 200.000 mL

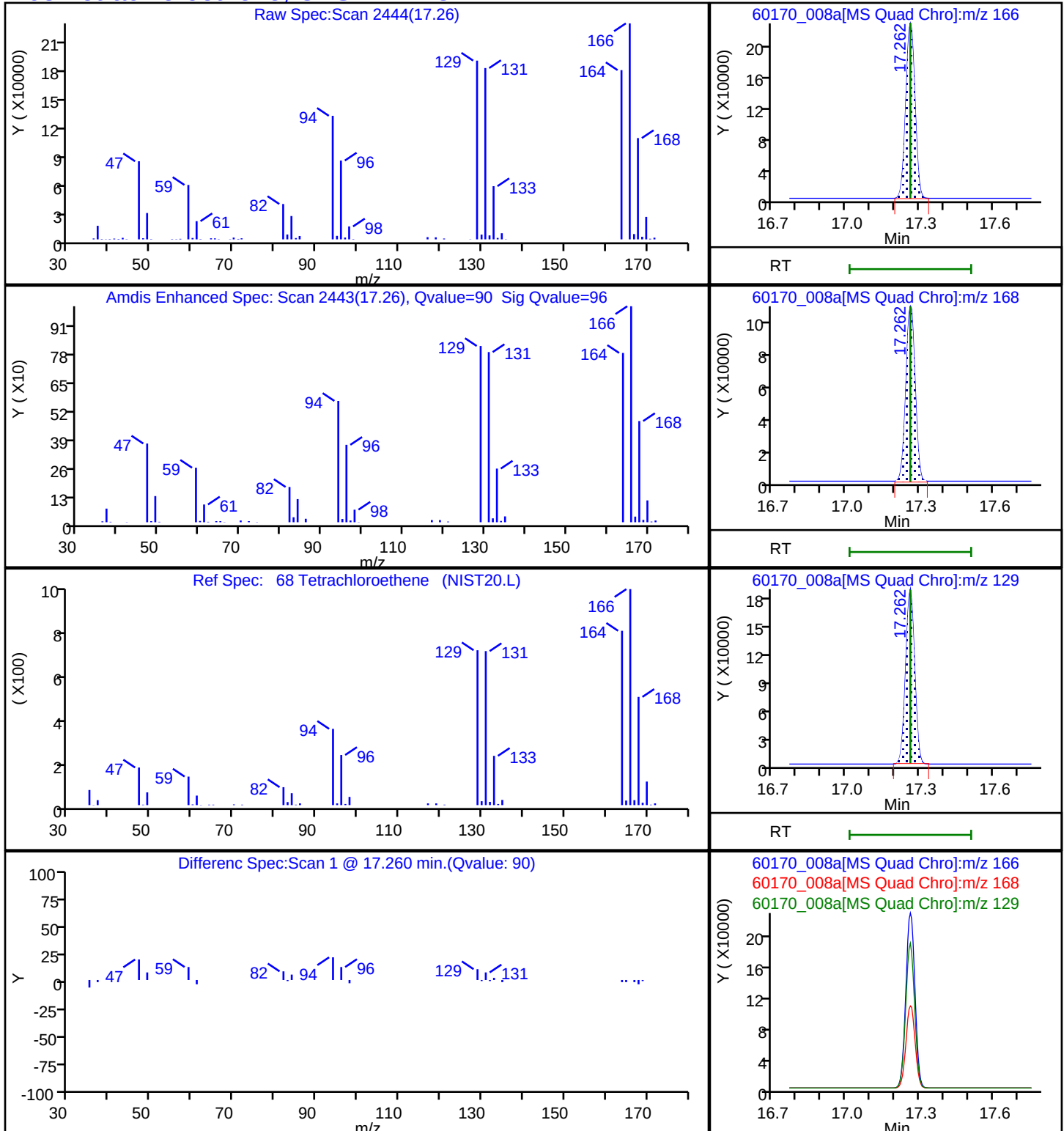
Dil. Factor: 20.0000

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\20240502-60170.b\60170_008a.D

Injection Date: 02-May-2024 13:54:37

Instrument ID: CHAN.i

Lims ID: 200-73340-A-1

Lab Sample ID: 200-73340-1

Client ID: SVE-INF_20240430

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 8

Purge Vol: 200.000 mL

Dil. Factor: 20.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

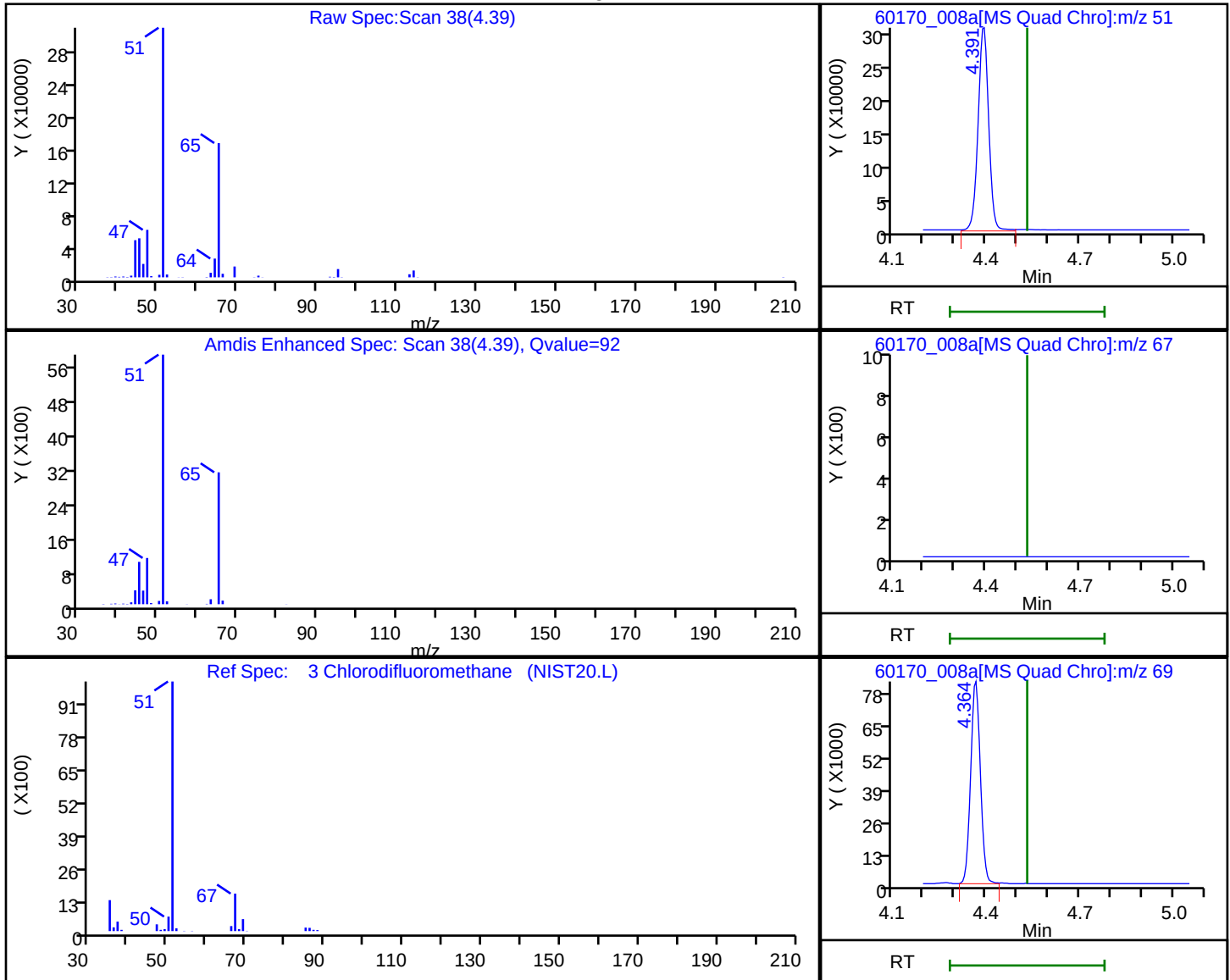
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

3 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
4.39	51.00	722564	11.209498
4.53	67.00	0	
4.36	69.00	179481	

Reviewer: F7XK, 03-May-2024 09:13:25 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

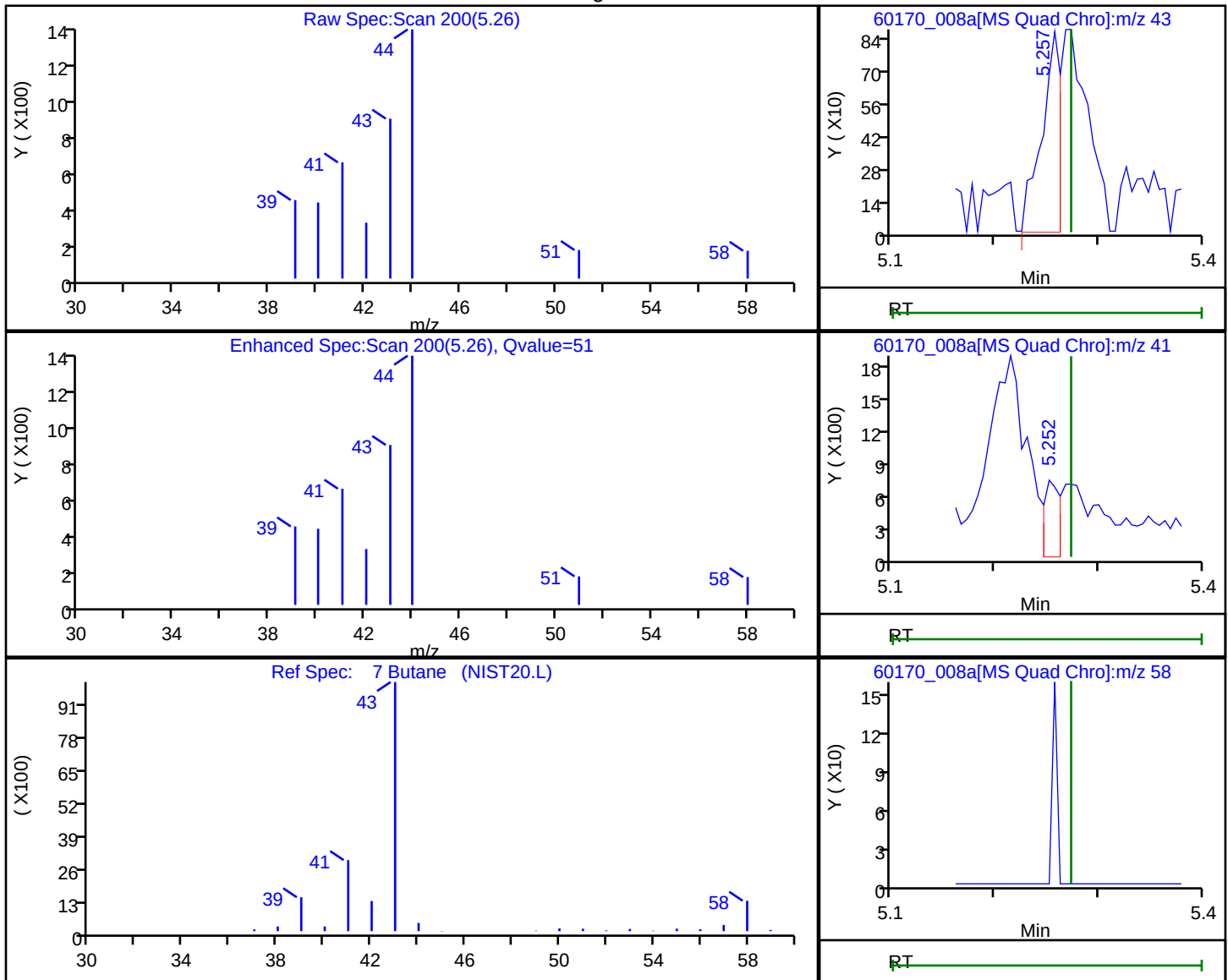
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_008a.D
Injection Date: 02-May-2024 13:54:37 Instrument ID: CHAN.i
Lims ID: 200-73340-A-1 Lab Sample ID: 200-73340-1
Client ID: SVE-INF_20240430
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 20.0000
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

Processing Results



RT	Mass	Response	Amount
5.26	43.00	1108	0.020412
5.25	41.00	753	
5.27	58.00	0	

Reviewer: F7XK, 03-May-2024 09:13:40 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

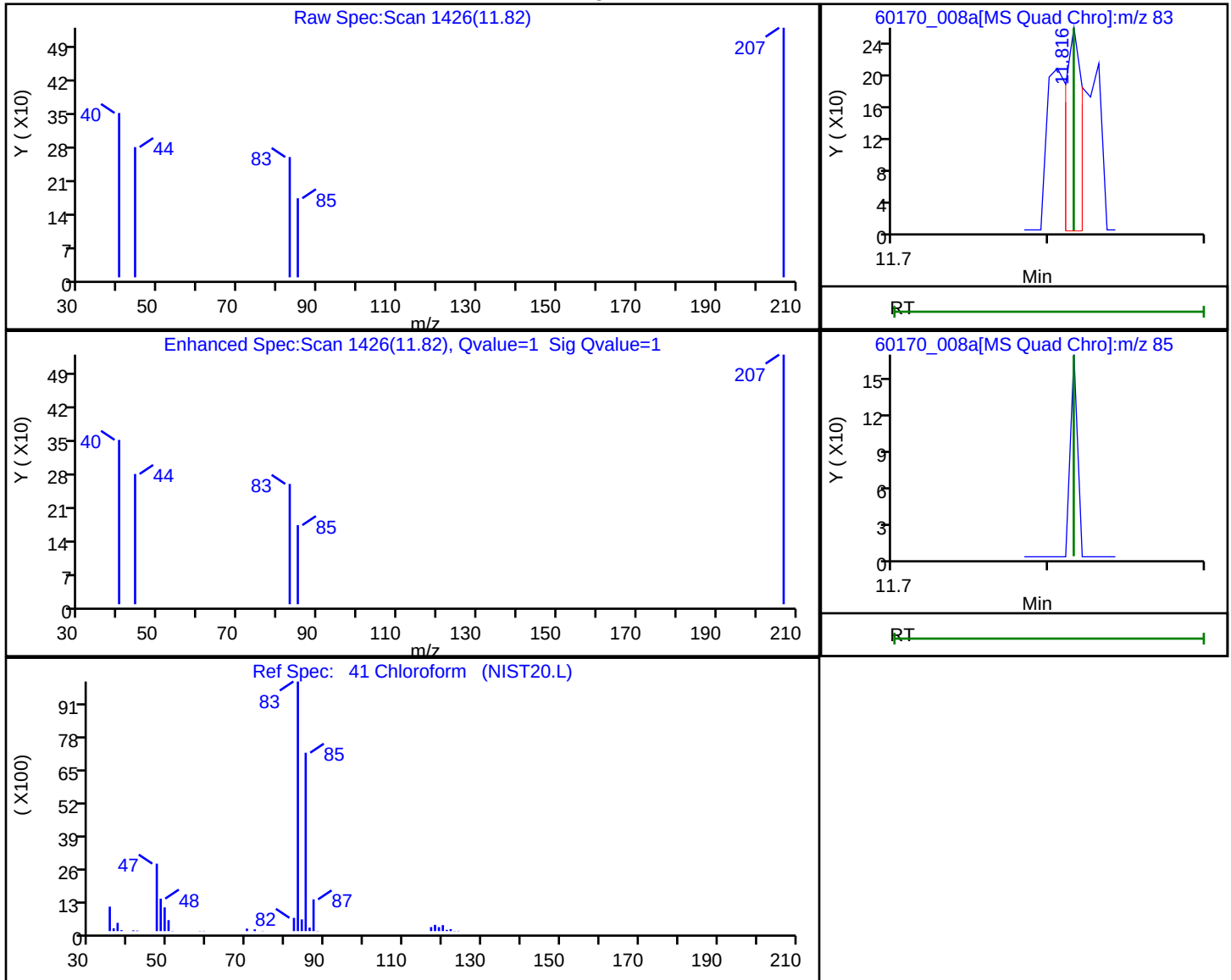
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_008a.D
Injection Date: 02-May-2024 13:54:37 Instrument ID: CHAN.i
Lims ID: 200-73340-A-1 Lab Sample ID: 200-73340-1
Client ID: SVE-INF_20240430
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 20.0000
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

Processing Results



RT	Mass	Response	Amount
11.82	83.00	198	0.003124
11.81	85.00	0	

Reviewer: F7XK, 03-May-2024 09:14:59 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

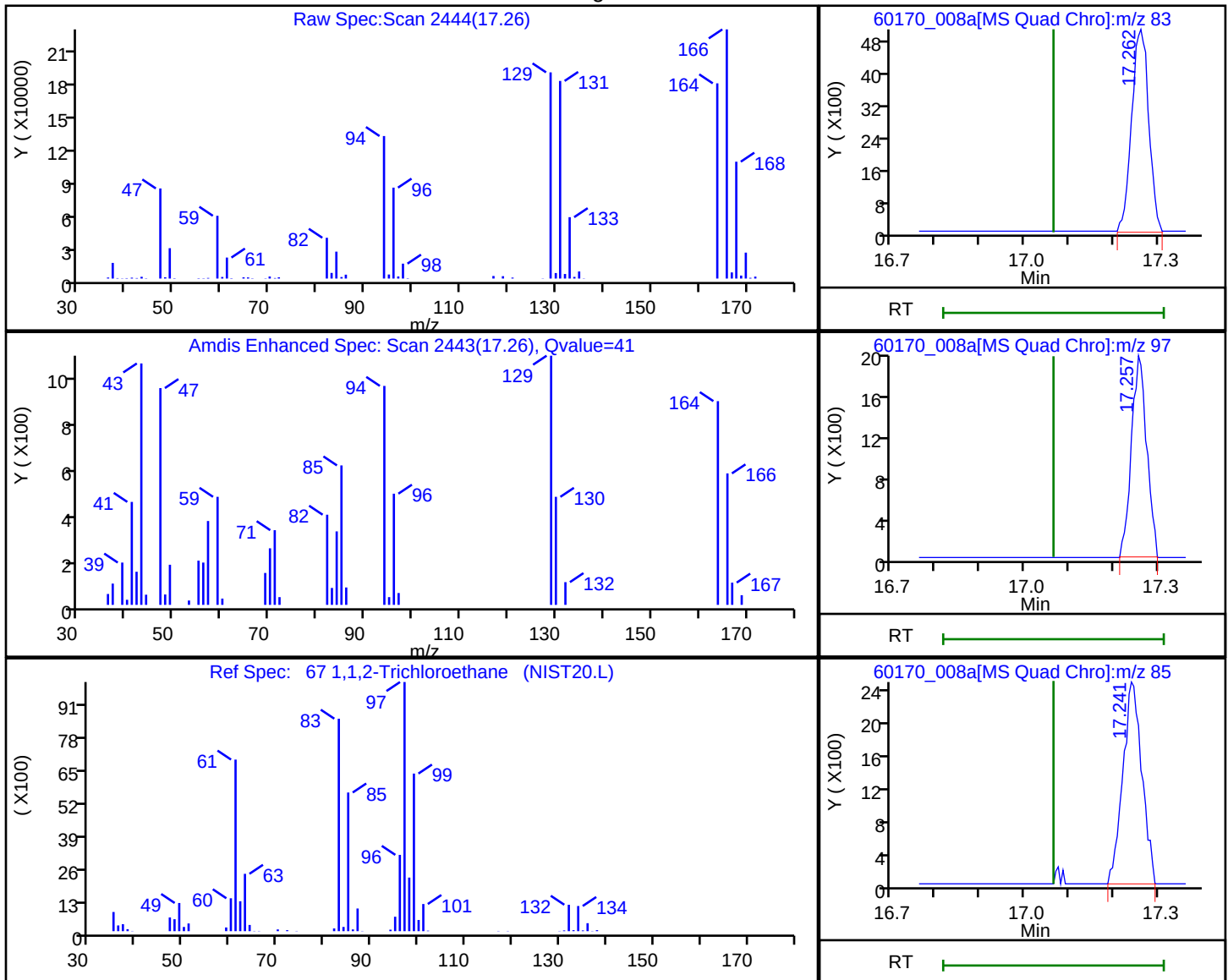
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_008a.D
Injection Date: 02-May-2024 13:54:37 Instrument ID: CHAN.i
Lims ID: 200-73340-A-1 Lab Sample ID: 200-73340-1
Client ID: SVE-INF_20240430
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 20.0000
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
17.26	83.00	13446	0.419670
17.26	97.00	4733	
17.24	85.00	7213	

Reviewer: F7XK, 03-May-2024 09:15:32 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

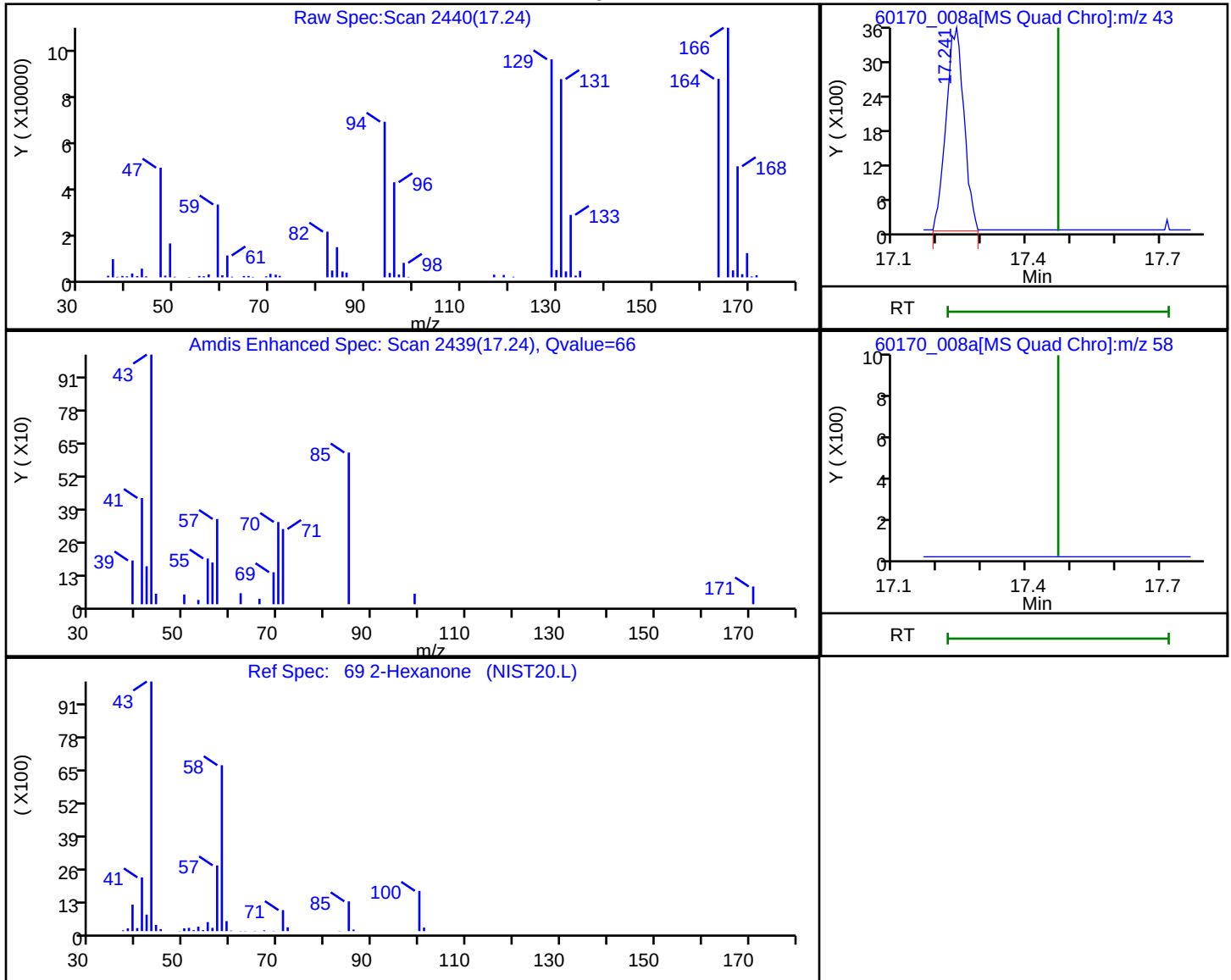
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_008a.D
Injection Date: 02-May-2024 13:54:37 Instrument ID: CHAN.i
Lims ID: 200-73340-A-1 Lab Sample ID: 200-73340-1
Client ID: SVE-INF_20240430
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 20.0000
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
17.24	43.00	9981	0.147510
17.47	58.00	0	

Reviewer: F7XK, 03-May-2024 09:15:40 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

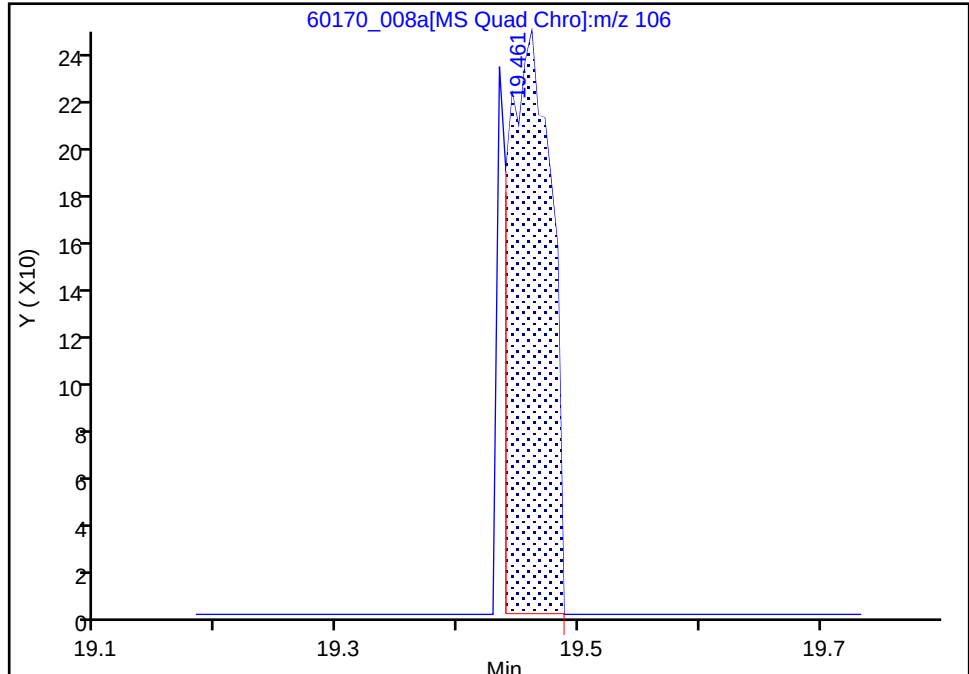
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_008a.D		
Injection Date:	02-May-2024 13:54:37	Instrument ID:	CHAN.i
Lims ID:	200-73340-A-1	Lab Sample ID:	200-73340-1
Client ID:	SVE-INF_20240430		
Operator ID:		ALS Bottle#:	0
Purge Vol:	200.000 mL	Dil. Factor:	20.0000
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN
		Worklist Smp#:	8

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

Signal: 1

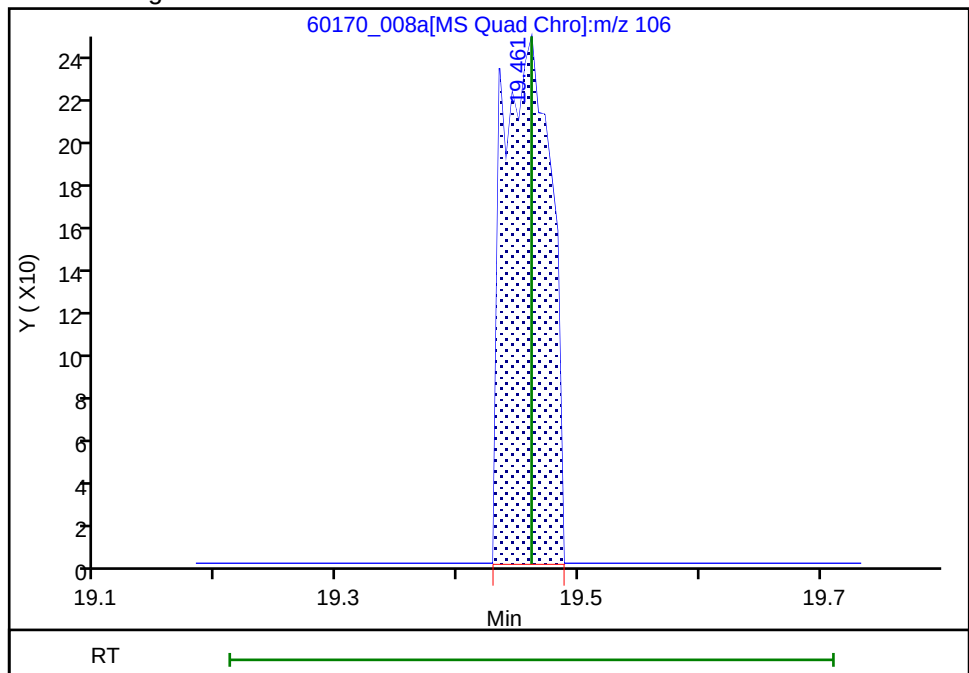
RT: 19.46
Area: 603
Amount: 0.013775
Amount Units: ppb v/v

Processing Integration Results



RT: 19.46
Area: 679
Amount: 0.015512
Amount Units: ppb v/v

Manual Integration Results



Reviewer: F7XK, 03-May-2024 09:16:05 07:00:00 (UTC)

Audit Action: Manually Integrated

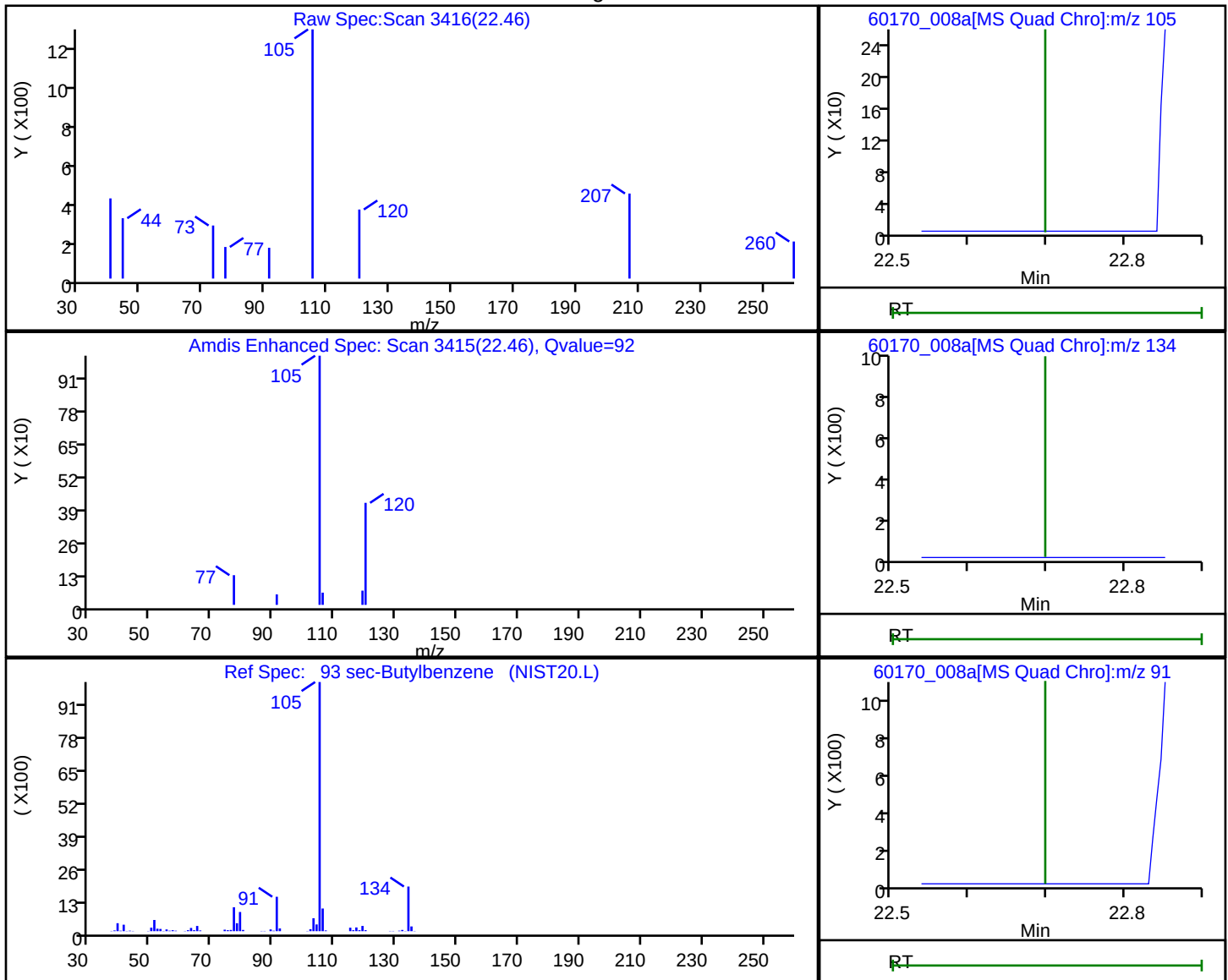
Audit Reason: Assign Peak

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_008a.D
Injection Date: 02-May-2024 13:54:37 Instrument ID: CHAN.i
Lims ID: 200-73340-A-1 Lab Sample ID: 200-73340-1
Client ID: SVE-INF_20240430
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 20.0000
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
22.46	105.00	1840	0.011722
22.70	134.00	0	
22.70	91.00	0	

Reviewer: F7XK, 03-May-2024 09:16:42 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

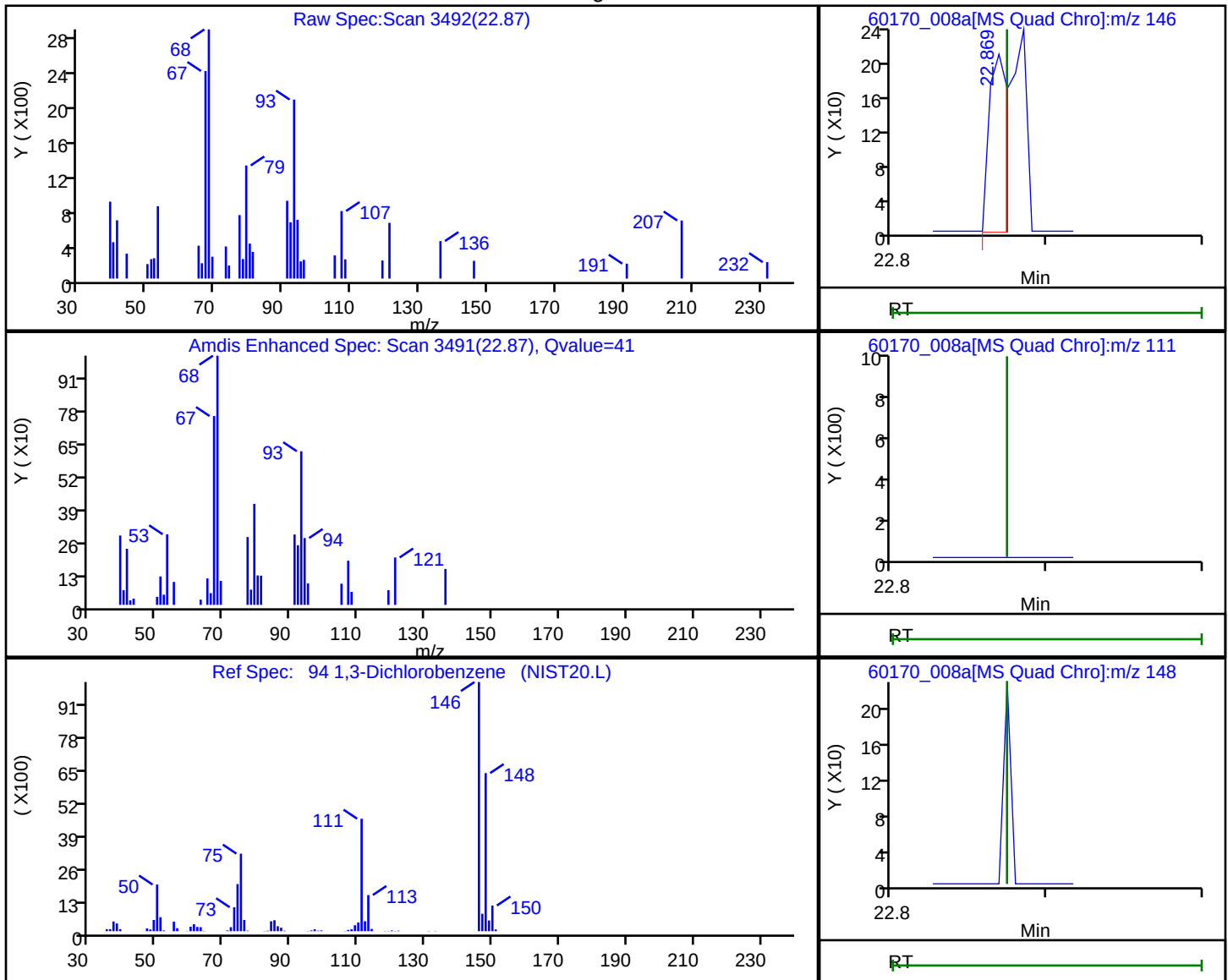
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_008a.D
Injection Date: 02-May-2024 13:54:37 Instrument ID: CHAN.i
Lims ID: 200-73340-A-1 Lab Sample ID: 200-73340-1
Client ID: SVE-INF_20240430
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 20.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

94 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
22.87	146.00	175	0.002789
22.87	111.00	0	
22.87	148.00	0	

Reviewer: F7XK, 03-May-2024 09:17:01 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.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-INT_20240430 Lab Sample ID: 200-73340-2

Matrix: Air Lab File ID: 60170_009.D

Analysis Method: TO-15 Date Collected: 04/30/2024 10:32

Sample wt/vol: 10 (mL) Date Analyzed: 05/02/2024 14:46

Soil Aliquot Vol: _____ Dilution Factor: 20

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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	10	U	10	2.2
75-45-6	Freon 22	86.47	10	U	10	2.4
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	4.0	U	4.0	0.96
74-87-3	Chloromethane	50.49	10	U	10	3.0
106-97-8	n-Butane	58.12	10	U	10	4.0
75-01-4	Vinyl chloride	62.50	1.6	U	1.6	0.42
106-99-0	1,3-Butadiene	54.09	4.0	U	4.0	0.78
74-83-9	Bromomethane	94.94	4.0	U	4.0	1.4
75-00-3	Chloroethane	64.52	10	U	10	3.6
593-60-2	Bromoethene (Vinyl Bromide)	106.96	4.0	U	4.0	1.0
75-69-4	Trichlorofluoromethane	137.37	4.0	U	4.0	1.0
76-13-1	Freon TF	187.38	4.0	U	4.0	1.1
75-35-4	1,1-Dichloroethene	96.94	0.70	U	0.70	0.52
67-64-1	Acetone	58.08	100	U	100	32
67-63-0	Isopropyl alcohol	60.10	100	U	100	32
75-15-0	Carbon disulfide	76.14	10	U	10	2.6
107-05-1	3-Chloropropene	76.53	10	U	10	2.4
75-09-2	Methylene Chloride	84.93	10	U	10	3.6
75-65-0	tert-Butyl alcohol	74.12	100	U	100	24
1634-04-4	Methyl tert-butyl ether	88.15	4.0	U	4.0	0.72
156-60-5	trans-1,2-Dichloroethene	96.94	4.0	U	4.0	0.46
110-54-3	n-Hexane	86.17	10	U	10	2.2
75-34-3	1,1-Dichloroethane	98.96	4.0	U	4.0	0.50
78-93-3	Methyl Ethyl Ketone	72.11	10	U	10	9.8
156-59-2	cis-1,2-Dichloroethene	96.94	2.2		1.0	0.42
540-59-0	1,2-Dichloroethene, Total	96.94	2.2	J	8.0	0.42
67-66-3	Chloroform	119.38	4.0	U	4.0	0.82
109-99-9	Tetrahydrofuran	72.11	100	U	100	26
71-55-6	1,1,1-Trichloroethane	133.41	4.0	U	4.0	0.88
110-82-7	Cyclohexane	84.16	4.0	U	4.0	1.2
56-23-5	Carbon tetrachloride	153.81	0.70	U	0.70	0.44
540-84-1	2,2,4-Trimethylpentane	114.23	4.0	U	4.0	0.76

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-INT_20240430 Lab Sample ID: 200-73340-2

Matrix: Air Lab File ID: 60170_009.D

Analysis Method: TO-15 Date Collected: 04/30/2024 10:32

Sample wt/vol: 10 (mL) Date Analyzed: 05/02/2024 14:46

Soil Aliquot Vol: _____ Dilution Factor: 20

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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	4.0	U	4.0	0.88
107-06-2	1,2-Dichloroethane	98.96	4.0	U	4.0	1.9
142-82-5	n-Heptane	100.21	4.0	U	4.0	1.1
79-01-6	Trichloroethene	131.39	1.5		0.70	0.50
80-62-6	Methyl methacrylate	100.12	10	U	10	2.8
78-87-5	1,2-Dichloropropane	112.99	4.0	U	4.0	1.9
123-91-1	1,4-Dioxane	88.11	100	U	100	1.6
75-27-4	Bromodichloromethane	163.83	4.0	U	4.0	1.0
10061-01-5	cis-1,3-Dichloropropene	110.97	4.0	U	4.0	0.90
108-10-1	methyl isobutyl ketone	100.16	10	U	10	2.6
108-88-3	Toluene	92.14	1.8	J	4.0	1.2
10061-02-6	trans-1,3-Dichloropropene	110.97	4.0	U	4.0	1.1
79-00-5	1,1,2-Trichloroethane	133.41	4.0	U	4.0	1.5
127-18-4	Tetrachloroethene	165.83	330		4.0	0.42
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10	U	10	3.0
124-48-1	Dibromochloromethane	208.28	4.0	U	4.0	1.3
106-93-4	1,2-Dibromoethane	187.87	4.0	U	4.0	0.84
108-90-7	Chlorobenzene	112.56	4.0	U	4.0	0.88
100-41-4	Ethylbenzene	106.17	4.0	U	4.0	1.4
179601-23-1	m,p-Xylene	106.17	10	U	10	1.9
95-47-6	Xylene, o-	106.17	4.0	U	4.0	1.3
1330-20-7	Xylene (total)	106.17	14	U	14	1.0
100-42-5	Styrene	104.15	4.0	U	4.0	1.2
75-25-2	Bromoform	252.75	4.0	U	4.0	2.4
98-82-8	Cumene	120.19	4.0	U	4.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	167.85	4.0	U	4.0	0.86
103-65-1	n-Propylbenzene	120.19	4.0	U	4.0	0.94
622-96-8	4-Ethyltoluene	120.20	4.0	U	4.0	0.98
108-67-8	1,3,5-Trimethylbenzene	120.20	4.0	U	4.0	0.94
95-49-8	2-Chlorotoluene	126.59	4.0	U	4.0	0.92
98-06-6	tert-Butylbenzene	134.22	4.0	U	4.0	0.94
95-63-6	1,2,4-Trimethylbenzene	120.20	4.0	U	4.0	1.6

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-INT_20240430 Lab Sample ID: 200-73340-2
 Matrix: Air Lab File ID: 60170_009.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 10:32
 Sample wt/vol: 10 (mL) Date Analyzed: 05/02/2024 14:46
 Soil Aliquot Vol: _____ Dilution Factor: 20
 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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	4.0	U	4.0	0.90
99-87-6	4-Isopropyltoluene	134.22	4.0	U	4.0	1.2
541-73-1	1,3-Dichlorobenzene	147.00	4.0	U	4.0	1.5
106-46-7	1,4-Dichlorobenzene	147.00	4.0	U	4.0	1.8
100-44-7	Benzyl chloride	126.58	4.0	U	4.0	1.8
104-51-8	n-Butylbenzene	134.22	4.0	U	4.0	2.2
95-50-1	1,2-Dichlorobenzene	147.00	4.0	U	4.0	1.3
120-82-1	1,2,4-Trichlorobenzene	181.45	10	U	10	6.6
87-68-3	Hexachlorobutadiene	260.76	4.0	U **	4.0	2.2
91-20-3	Naphthalene	128.17	10	U	10	6.0

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-INT_20240430 Lab Sample ID: 200-73340-2

Matrix: Air Lab File ID: 60170_009.D

Analysis Method: TO-15 Date Collected: 04/30/2024 10:32

Sample wt/vol: 10 (mL) Date Analyzed: 05/02/2024 14:46

Soil Aliquot Vol: _____ Dilution Factor: 20

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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	49	U	49	11
75-45-6	Freon 22	86.47	35	U	35	8.5
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	28	U	28	6.7
74-87-3	Chloromethane	50.49	21	U	21	6.2
106-97-8	n-Butane	58.12	24	U	24	9.5
75-01-4	Vinyl chloride	62.50	4.0	U	4.0	1.1
106-99-0	1,3-Butadiene	54.09	8.8	U	8.8	1.7
74-83-9	Bromomethane	94.94	16	U	16	5.5
75-00-3	Chloroethane	64.52	26	U	26	9.5
593-60-2	Bromoethene (Vinyl Bromide)	106.96	17	U	17	4.4
75-69-4	Trichlorofluoromethane	137.37	22	U	22	5.6
76-13-1	Freon TF	187.38	31	U	31	8.1
75-35-4	1,1-Dichloroethene	96.94	2.8	U	2.8	2.1
67-64-1	Acetone	58.08	240	U	240	76
67-63-0	Isopropyl alcohol	60.10	250	U	250	79
75-15-0	Carbon disulfide	76.14	31	U	31	8.1
107-05-1	3-Chloropropene	76.53	31	U	31	7.5
75-09-2	Methylene Chloride	84.93	35	U	35	13
75-65-0	tert-Butyl alcohol	74.12	300	U	300	73
1634-04-4	Methyl tert-butyl ether	88.15	14	U	14	2.6
156-60-5	trans-1,2-Dichloroethene	96.94	16	U	16	1.8
110-54-3	n-Hexane	86.17	35	U	35	7.8
75-34-3	1,1-Dichloroethane	98.96	16	U	16	2.0
78-93-3	Methyl Ethyl Ketone	72.11	29	U	29	29
156-59-2	cis-1,2-Dichloroethene	96.94	8.6		4.0	1.7
540-59-0	1,2-Dichloroethene, Total	96.94	8.7	J	32	1.7
67-66-3	Chloroform	119.38	20	U	20	4.0
109-99-9	Tetrahydrofuran	72.11	290	U	290	77
71-55-6	1,1,1-Trichloroethane	133.41	22	U	22	4.8
110-82-7	Cyclohexane	84.16	14	U	14	4.0
56-23-5	Carbon tetrachloride	153.81	4.4	U	4.4	2.8
540-84-1	2,2,4-Trimethylpentane	114.23	19	U	19	3.6

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-INT_20240430 Lab Sample ID: 200-73340-2

Matrix: Air Lab File ID: 60170_009.D

Analysis Method: TO-15 Date Collected: 04/30/2024 10:32

Sample wt/vol: 10 (mL) Date Analyzed: 05/02/2024 14:46

Soil Aliquot Vol: _____ Dilution Factor: 20

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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	13	U	13	2.8
107-06-2	1,2-Dichloroethane	98.96	16	U	16	7.5
142-82-5	n-Heptane	100.21	16	U	16	4.5
79-01-6	Trichloroethene	131.39	7.9		3.8	2.7
80-62-6	Methyl methacrylate	100.12	41	U	41	11
78-87-5	1,2-Dichloropropane	112.99	18	U	18	8.7
123-91-1	1,4-Dioxane	88.11	360	U	360	5.9
75-27-4	Bromodichloromethane	163.83	27	U	27	6.7
10061-01-5	cis-1,3-Dichloropropene	110.97	18	U	18	4.1
108-10-1	methyl isobutyl ketone	100.16	41	U	41	11
108-88-3	Toluene	92.14	7.0	J	15	4.7
10061-02-6	trans-1,3-Dichloropropene	110.97	18	U	18	4.9
79-00-5	1,1,2-Trichloroethane	133.41	22	U	22	8.1
127-18-4	Tetrachloroethene	165.83	2300		27	2.8
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	41	U	41	12
124-48-1	Dibromochloromethane	208.28	34	U	34	11
106-93-4	1,2-Dibromoethane	187.87	31	U	31	6.5
108-90-7	Chlorobenzene	112.56	18	U	18	4.1
100-41-4	Ethylbenzene	106.17	17	U	17	6.0
179601-23-1	m,p-Xylene	106.17	43	U	43	8.3
95-47-6	Xylene, o-	106.17	17	U	17	5.5
1330-20-7	Xylene (total)	106.17	61	U	61	4.5
100-42-5	Styrene	104.15	17	U	17	5.0
75-25-2	Bromoform	252.75	41	U	41	25
98-82-8	Cumene	120.19	20	U	20	4.0
79-34-5	1,1,2,2-Tetrachloroethane	167.85	27	U	27	5.9
103-65-1	n-Propylbenzene	120.19	20	U	20	4.6
622-96-8	4-Ethyltoluene	120.20	20	U	20	4.8
108-67-8	1,3,5-Trimethylbenzene	120.20	20	U	20	4.6
95-49-8	2-Chlorotoluene	126.59	21	U	21	4.8
98-06-6	tert-Butylbenzene	134.22	22	U	22	5.2
95-63-6	1,2,4-Trimethylbenzene	120.20	20	U	20	7.9

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
SDG No.: _____
Client Sample ID: SVE-INT_20240430 Lab Sample ID: 200-73340-2
Matrix: Air Lab File ID: 60170_009.D
Analysis Method: TO-15 Date Collected: 04/30/2024 10:32
Sample wt/vol: 10 (mL) Date Analyzed: 05/02/2024 14:46
Soil Aliquot Vol: _____ Dilution Factor: 20
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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	22	U	22	4.9
99-87-6	4-Isopropyltoluene	134.22	22	U	22	6.7
541-73-1	1,3-Dichlorobenzene	147.00	24	U	24	8.9
106-46-7	1,4-Dichlorobenzene	147.00	24	U	24	11
100-44-7	Benzyl chloride	126.58	21	U	21	9.1
104-51-8	n-Butylbenzene	134.22	22	U	22	12
95-50-1	1,2-Dichlorobenzene	147.00	24	U	24	7.9
120-82-1	1,2,4-Trichlorobenzene	181.45	74	U	74	49
87-68-3	Hexachlorobutadiene	260.76	43	U **	43	23
91-20-3	Naphthalene	128.17	52	U	52	31

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_009.D
 Lims ID: 200-73340-A-2
 Client ID: SVE-INT_20240430
 Sample Type: Client
 Inject. Date: 02-May-2024 14:46:32 ALS Bottle#: 0 Worklist Smp#: 9
 Purge Vol: 200.000 mL Dil. Factor: 20.0000
 Sample Info: 200-0060170-009
 Misc. Info.: 73340-2
 Operator ID: wrd Instrument ID: CHAN.i
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 03-May-2024 09:24:09 Calib Date: 16-Apr-2024 00:40:13
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_014.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1653

First Level Reviewer: F7XK

Date: 03-May-2024 09:24:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85		4.487				ND	7
3 Chlorodifluoromethane	51		4.530				ND	MU
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.856				ND	
5 Chloromethane	50		4.974				ND	
6 Vinyl chloride	62		5.273				ND	
7 Butane	43		5.273				ND	7
8 Butadiene	54		5.385				ND	
9 Bromomethane	94		6.108				ND	
10 Chloroethane	64		6.386				ND	
13 Vinyl bromide	106		6.809				ND	
14 Trichlorofluoromethane	101		6.969				ND	MU
20 1,1-Dichloroethene	96		8.034				ND	
21 1,1,2-Trichloro-1,2,2-trifluoro	101		8.071				ND	
22 Acetone	43	8.135	8.114	0.021	98	21834	0.4038	
23 Isopropyl alcohol	45	8.429	8.408	0.021	98	46181	0.8759	
24 Carbon disulfide	76	8.440	8.435	0.005	27	3585	0.0403	
26 3-Chloro-1-propene	41		8.729				ND	
27 Methylene Chloride	49		8.959				ND	7
28 2-Methyl-2-propanol	59		9.173				ND	7
30 trans-1,2-Dichloroethene	61		9.457				ND	
31 Methyl tert-butyl ether	73		9.462				ND	
32 Hexane	57		9.965				ND	MU
S 35 1,2-Dichloroethene, Total	61				0		0.1082	
33 1,1-Dichloroethane	63		10.227				ND	
36 2-Butanone (MEK)	72	11.227	11.201	0.026	59	737	0.0503	
37 cis-1,2-Dichloroethene	96	11.227	11.227	0.000	92	3305	0.1082	
* 39 Chlorobromomethane	128	11.639	11.634	0.005	94	140884	10.0	
40 Tetrahydrofuran	42	11.688	11.671	0.017	89	8223	0.2399	
41 Chloroform	83	11.816	11.816	0.000	0	995	0.0156	7M
42 1,1,1-Trichloroethane	97		12.121				ND	
43 Cyclohexane	84		12.255				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
44 Carbon tetrachloride	117		12.394				ND	
45 Benzene	78		12.741				ND	7
46 1,2-Dichloroethane	62		12.822				ND	
47 Isooctane	57		12.955				ND	
48 n-Heptane	43		13.260				ND	
* 49 1,4-Difluorobenzene	114	13.480	13.474	0.006	96	687747	10.0	
51 Trichloroethene	95	13.913	13.908	0.005	93	2702	0.0731	
53 1,2-Dichloropropane	63		14.368				ND	
54 Methyl methacrylate	69		14.448				ND	
55 1,4-Dioxane	88		14.491				ND	
58 Dichlorobromomethane	83		14.833				ND	
59 cis-1,3-Dichloropropene	75		15.636				ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.898				ND	7
62 Toluene	92	16.272	16.272	0.000	93	5208	0.0925	
66 trans-1,3-Dichloropropene	75		16.690				ND	
67 1,1,2-Trichloroethane	83		17.064				ND	MU
68 Tetrachloroethene	166	17.262	17.262	0.000	90	580447	16.6	
69 2-Hexanone	43		17.471				ND	7
70 Chlorodibromomethane	129		17.797				ND	
71 Ethylene Dibromide	107		18.038				ND	
* 73 Chlorobenzene-d5	117	18.953	18.953	-0.001	90	601249	10.0	
74 Chlorobenzene	112		19.011				ND	
75 Ethylbenzene	91		19.199				ND	7
76 m-Xylene & p-Xylene	106	19.455	19.455	-0.006	0	850	0.0195	M
S 80 Xylenes, Total	106				0		0.0195	7
78 o-Xylene	106		20.231				ND	7
79 Styrene	104		20.263				ND	
81 Bromoform	173		20.600				ND	
82 Isopropylbenzene	105		20.911				ND	
83 1,1,2,2-Tetrachloroethane	83		21.419				ND	7
85 N-Propylbenzene	91		21.617				ND	7
86 2-Chlorotoluene	91		21.761				ND	7
87 4-Ethyltoluene	105		21.809				ND	7
88 1,3,5-Trimethylbenzene	105		21.900				ND	MU
91 tert-Butylbenzene	119		22.376				ND	7
92 1,2,4-Trimethylbenzene	105	22.462	22.462	0.000	93	2589	0.0245	
93 sec-Butylbenzene	105		22.697				ND	
94 1,3-Dichlorobenzene	146		22.874				ND	
95 4-Isopropyltoluene	119		22.911				ND	7
96 1,4-Dichlorobenzene	146		23.013				ND	
97 Benzyl chloride	91		23.157				ND	7
98 n-Butylbenzene	91		23.468				ND	7
99 1,2-Dichlorobenzene	146		23.505				ND	
102 1,2,4-Trichlorobenzene	180		25.971				ND	
103 Hexachlorobutadiene	225		26.218				ND	
104 Naphthalene	128		26.458				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

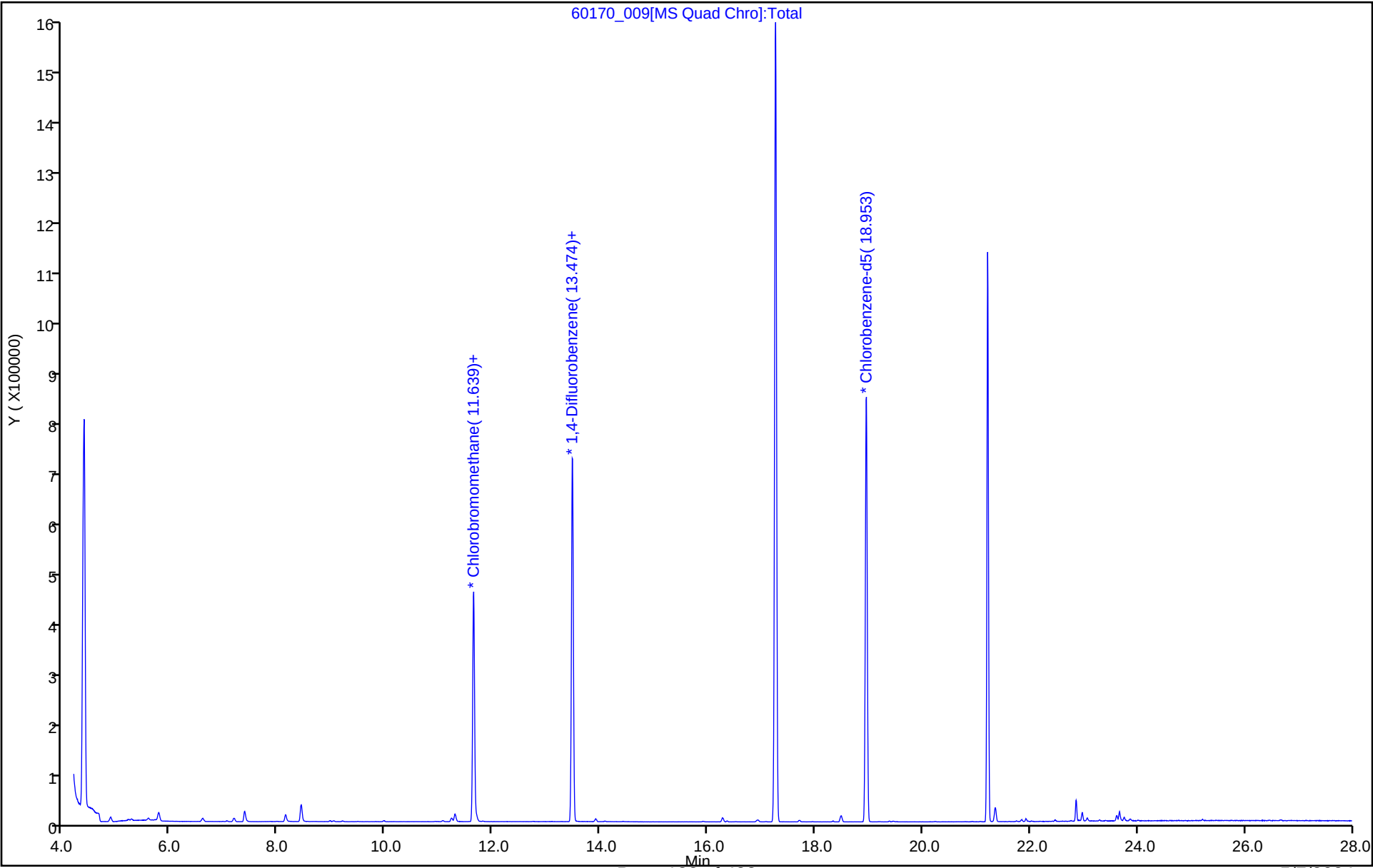
Reagents:

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_009.D

Injection Date: 02-May-2024 14:46:32

Instrument ID: CHAN.i

Lims ID: 200-73340-A-2

Lab Sample ID: 200-73340-2

Client ID: SVE-INT_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 9

Purge Vol: 200.000 mL

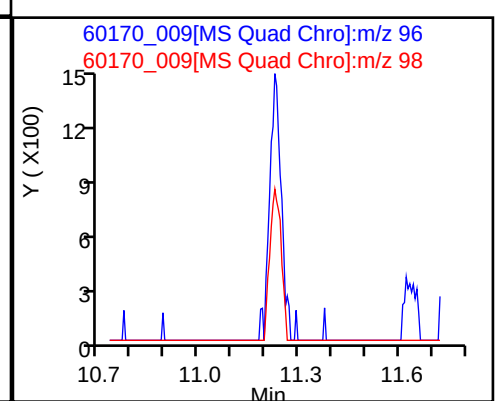
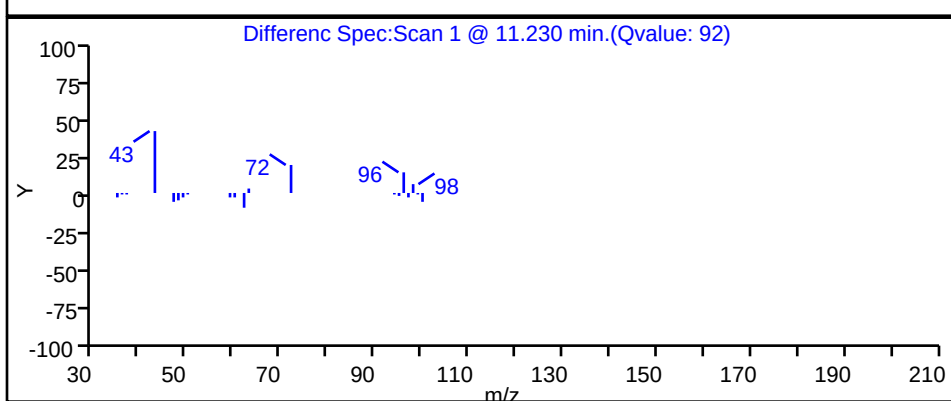
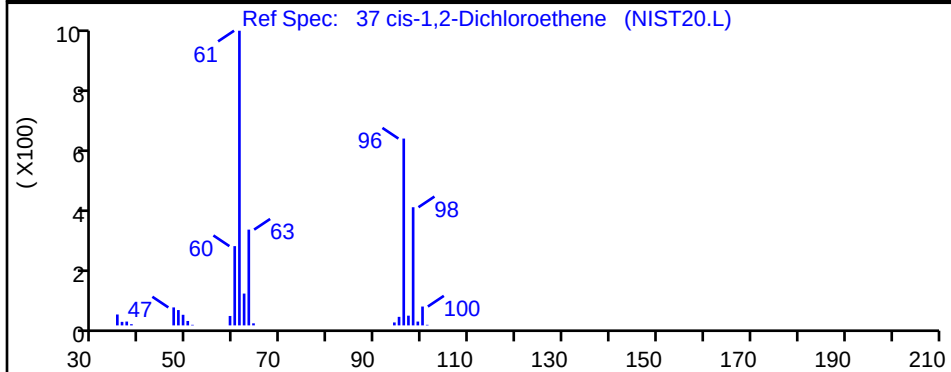
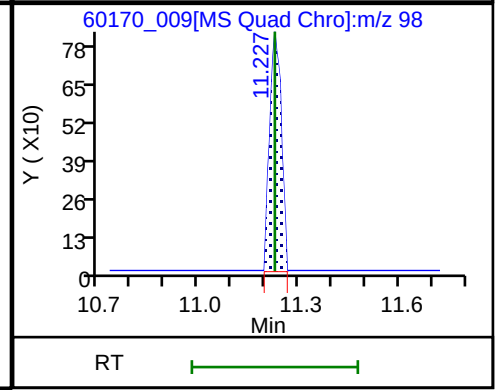
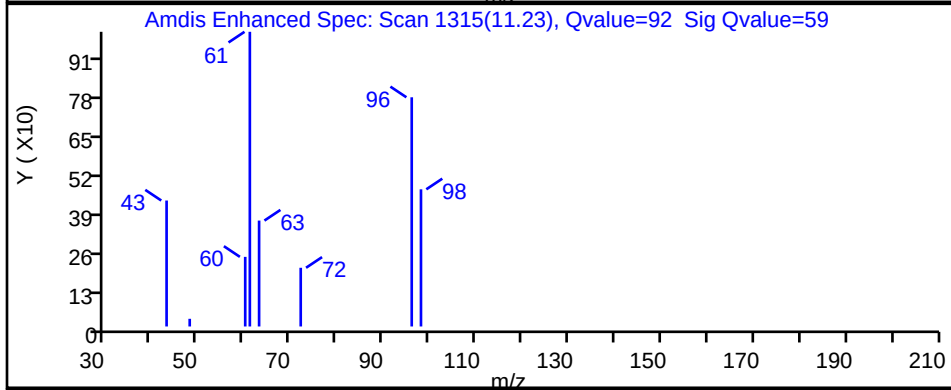
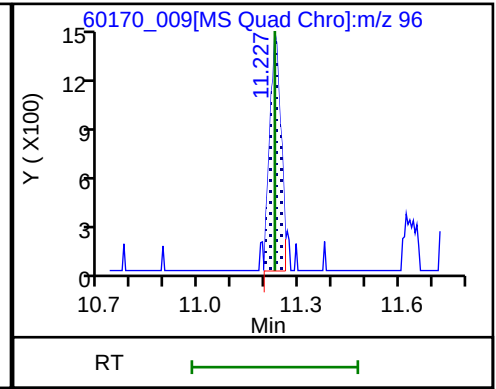
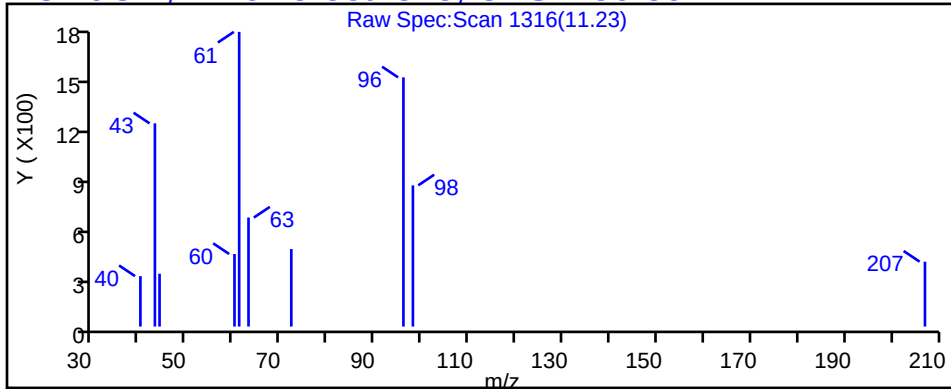
Dil. Factor: 20.0000

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\20240502-60170.b\60170_009.D

Injection Date: 02-May-2024 14:46:32

Instrument ID: CHAN.i

Lims ID: 200-73340-A-2

Lab Sample ID: 200-73340-2

Client ID: SVE-INT_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 9

Purge Vol: 200.000 mL

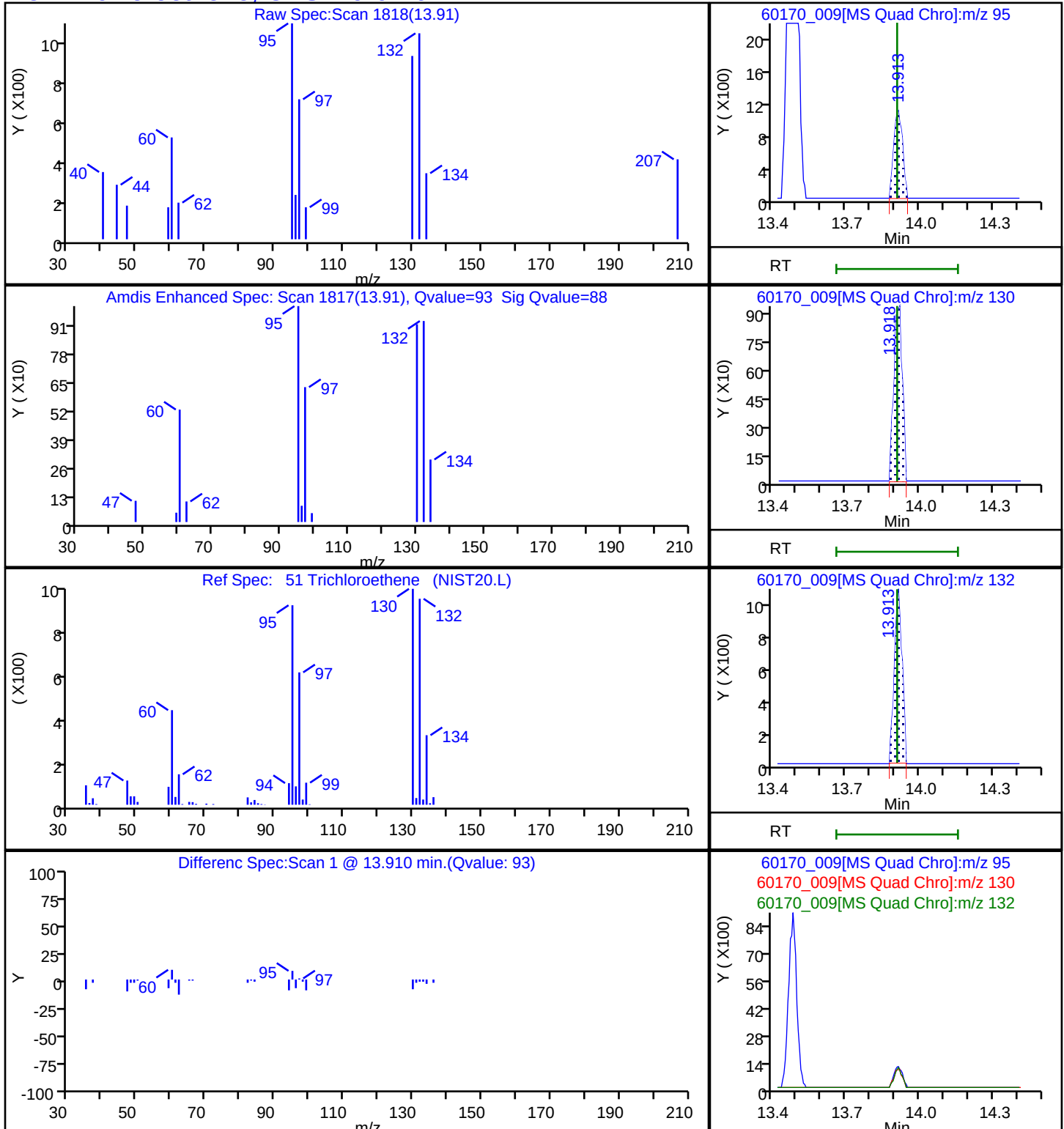
Dil. Factor: 20.0000

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\20240502-60170.b\60170_009.D

Injection Date: 02-May-2024 14:46:32

Instrument ID: CHAN.i

Lims ID: 200-73340-A-2

Lab Sample ID: 200-73340-2

Client ID: SVE-INT_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 9

Purge Vol: 200.000 mL

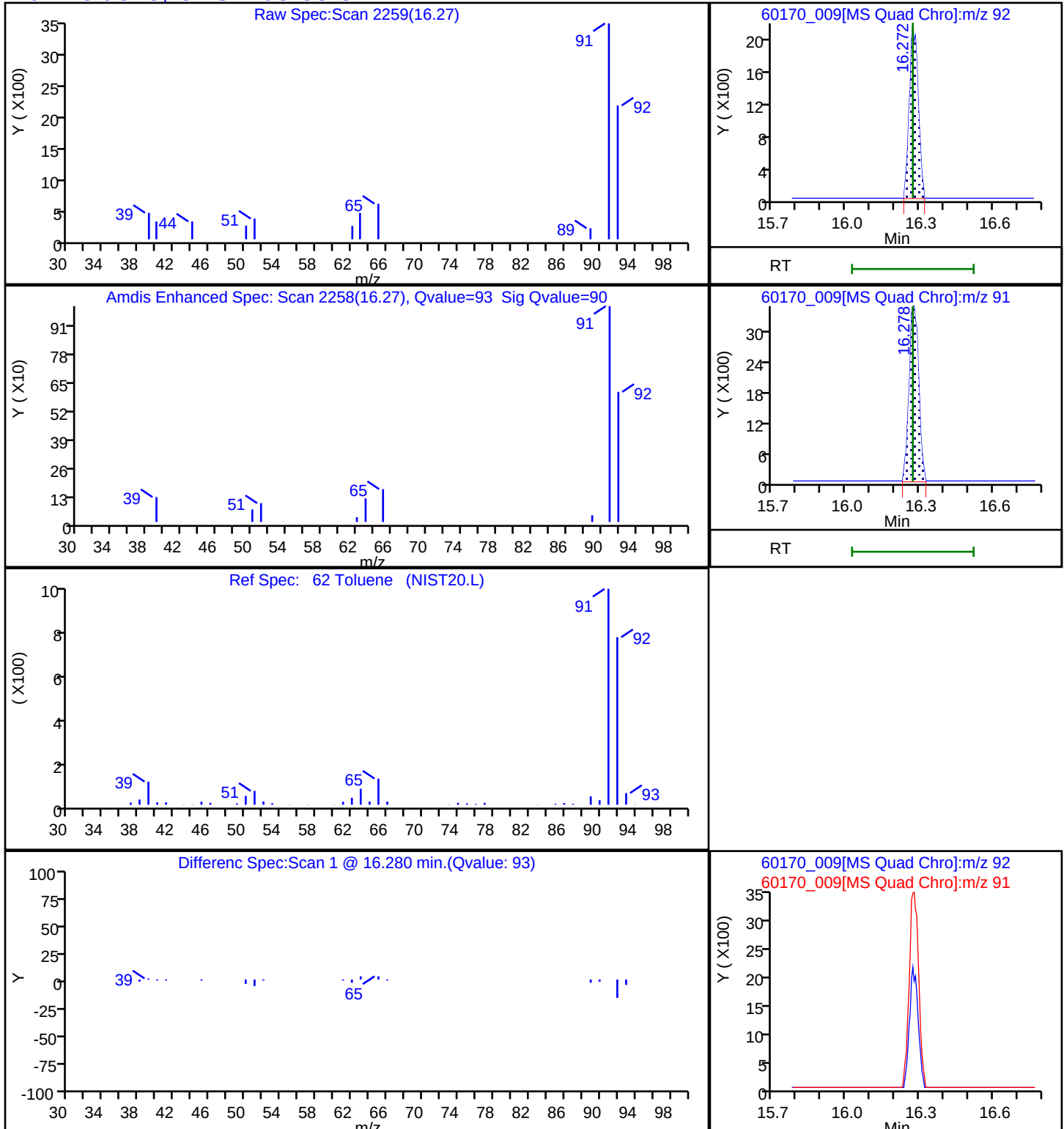
Dil. Factor: 20.0000

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\20240502-60170.b\60170_009.D

Injection Date: 02-May-2024 14:46:32

Instrument ID: CHAN.i

Lims ID: 200-73340-A-2

Lab Sample ID: 200-73340-2

Client ID: SVE-INT_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 9

Purge Vol: 200.000 mL

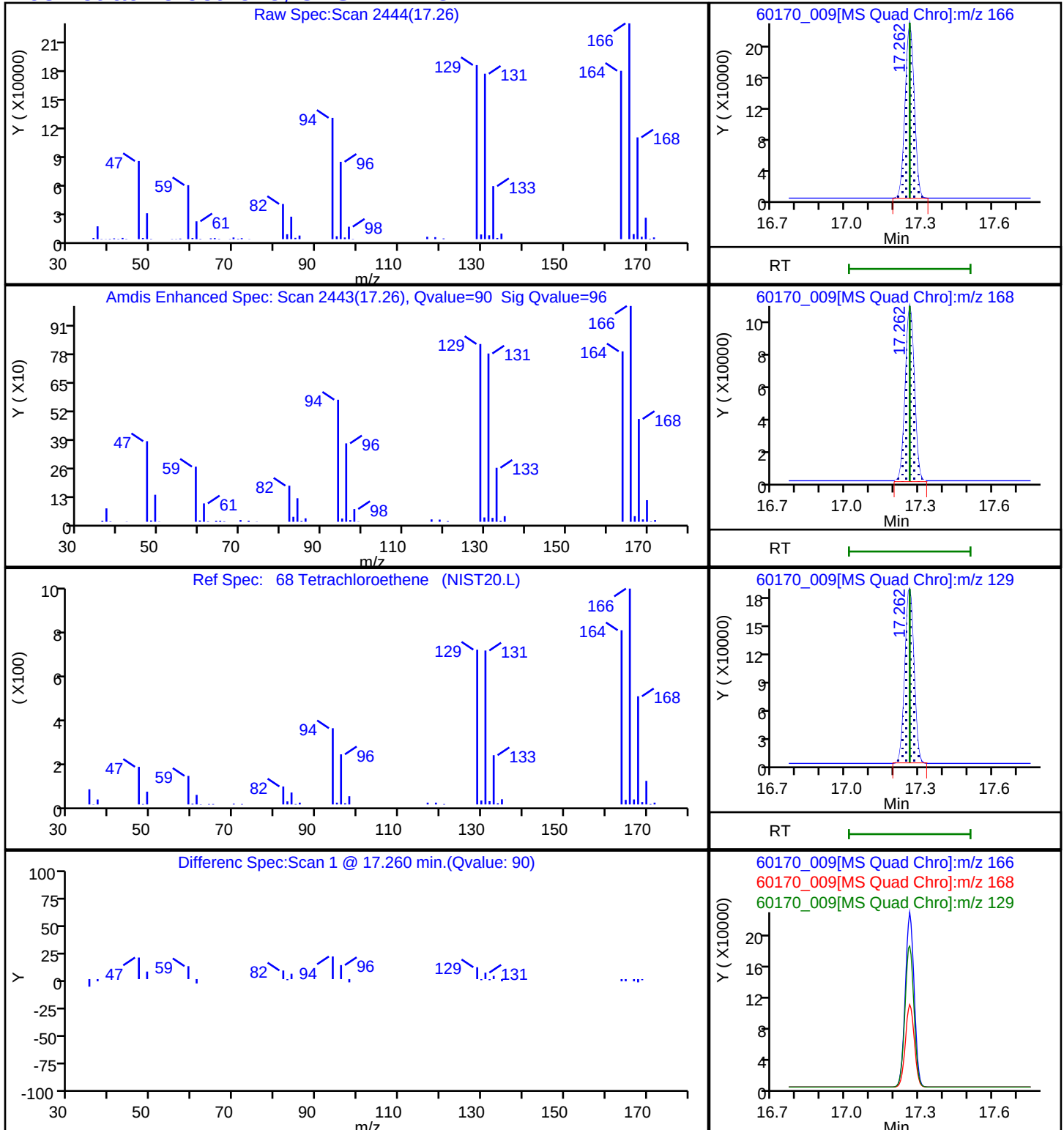
Dil. Factor: 20.0000

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\20240502-60170.b\60170_009.D

Injection Date: 02-May-2024 14:46:32

Instrument ID: CHAN.i

Lims ID: 200-73340-A-2

Lab Sample ID: 200-73340-2

Client ID: SVE-INT_20240430

Operator ID: wrd

ALS Bottle#: 0 Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 20.0000

Method: TO15_TO3_Master_Method_AN

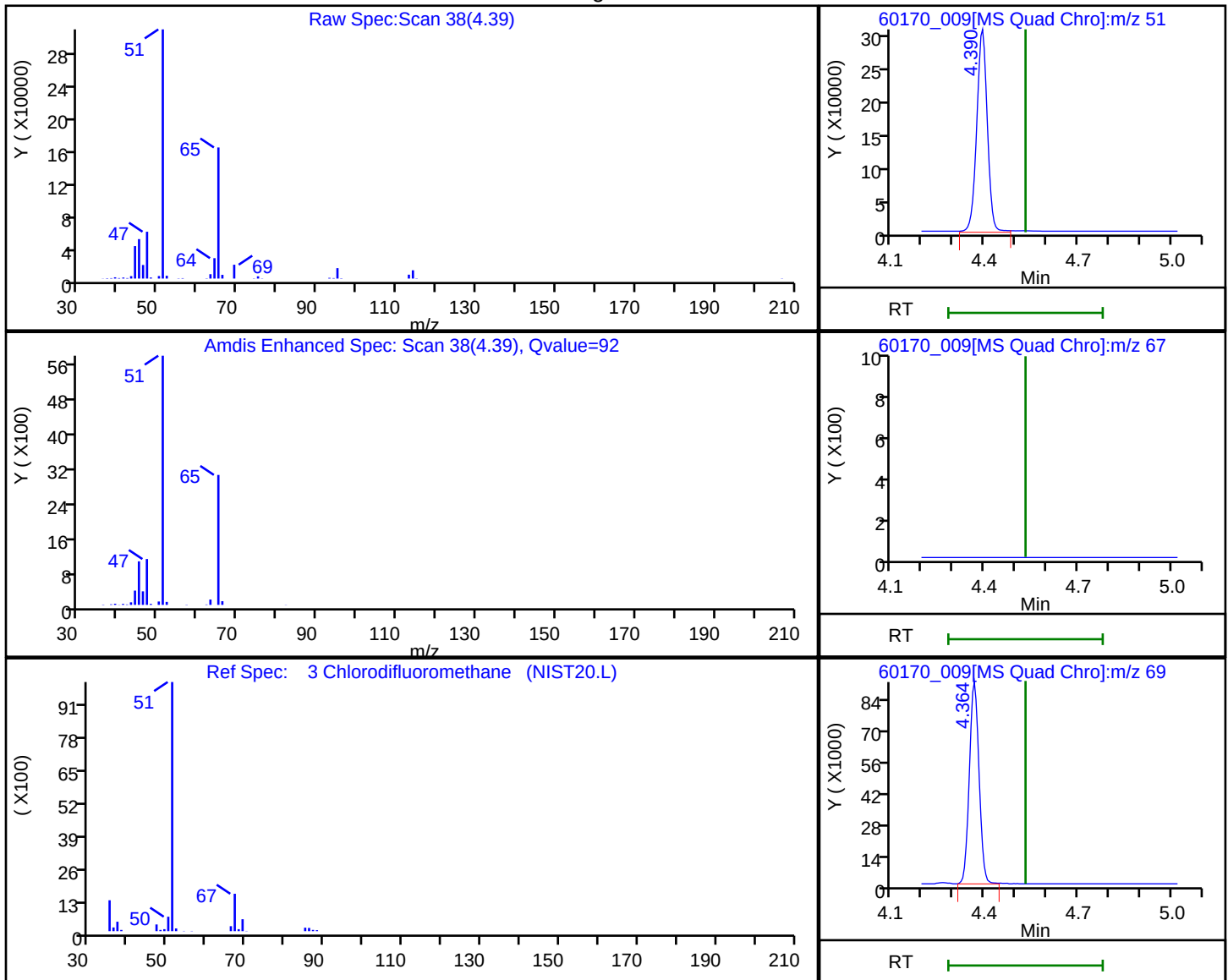
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

3 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
4.39	51.00	716333	11.071027
4.53	67.00	0	
4.36	69.00	200175	

Reviewer: F7XK, 03-May-2024 09:19:03 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_009.D

Injection Date: 02-May-2024 14:46:32

Instrument ID: CHAN.i

Lims ID: 200-73340-A-2

Lab Sample ID: 200-73340-2

Client ID: SVE-INT_20240430

Operator ID: wrd

ALS Bottle#:

0

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 20.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

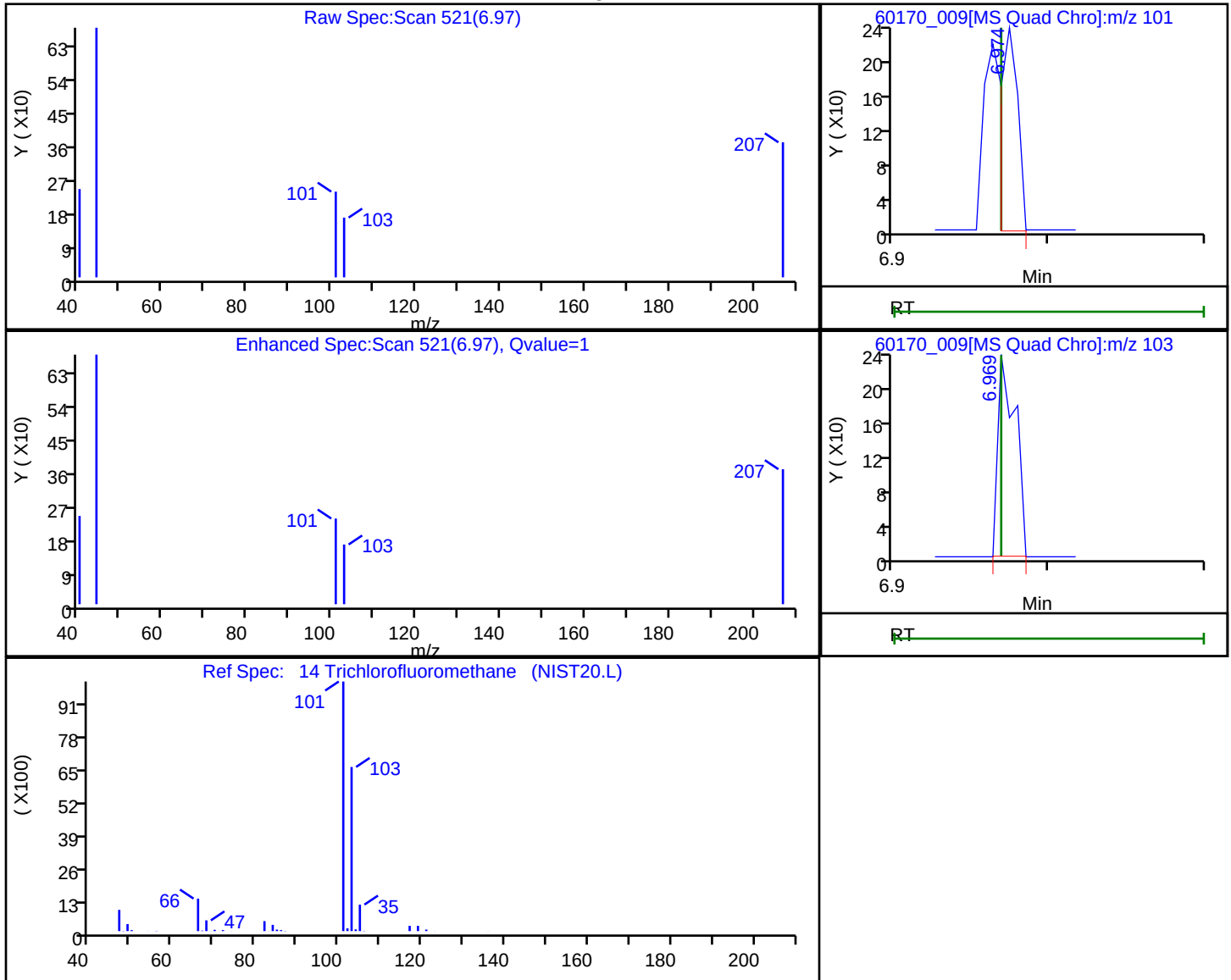
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

14 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
6.97	101.00	177	0.002479
6.97	103.00	183	

Reviewer: F7XK, 03-May-2024 09:19:47 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_009.D

Injection Date: 02-May-2024 14:46:32

Instrument ID: CHAN.i

Lims ID: 200-73340-A-2

Lab Sample ID: 200-73340-2

Client ID: SVE-INT_20240430

Operator ID: wrd

ALS Bottle#:

0

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 20.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

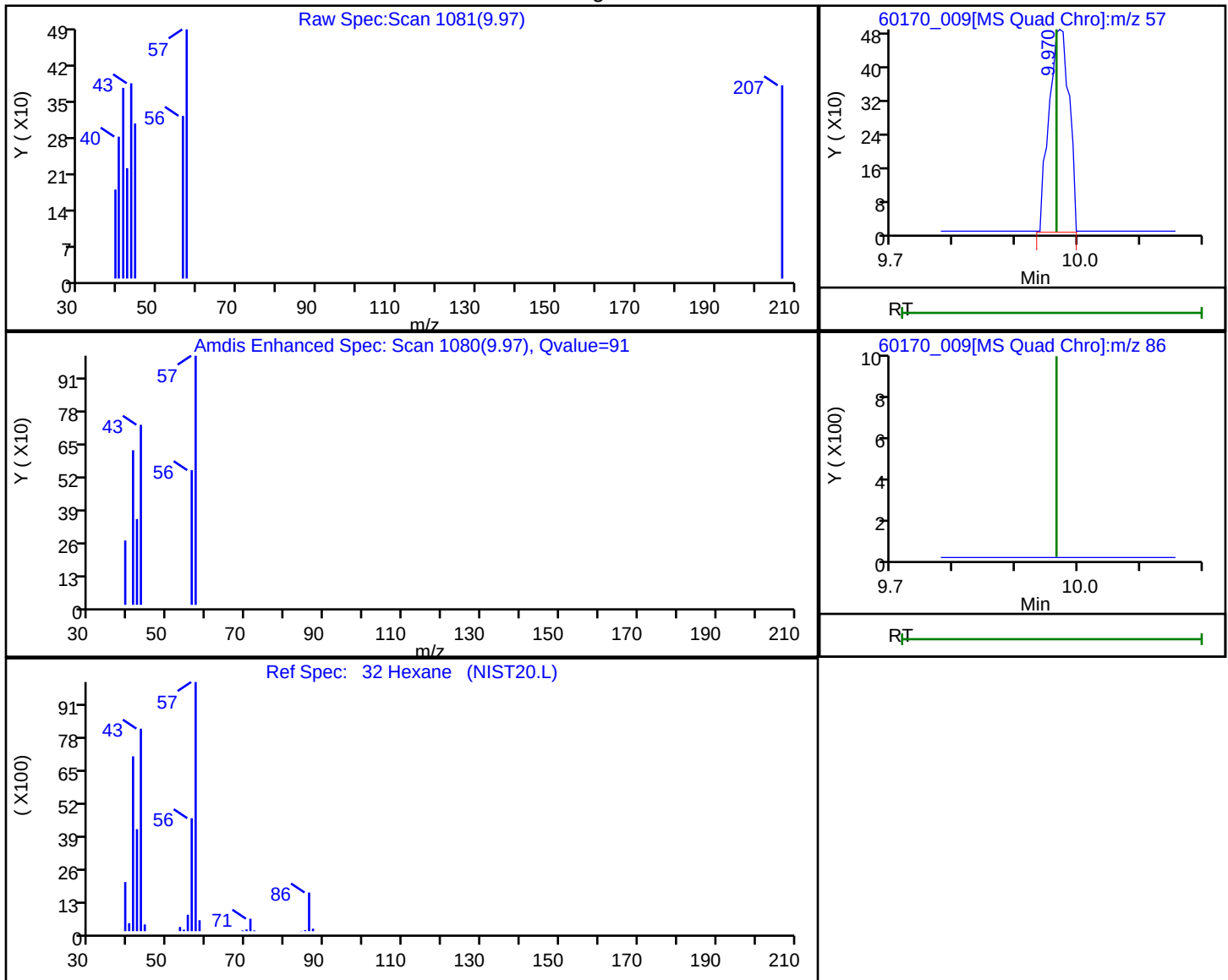
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

32 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
9.97	57.00	1098	0.022281
9.96	86.00	0	

Reviewer: F7XK, 03-May-2024 09:20:27 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

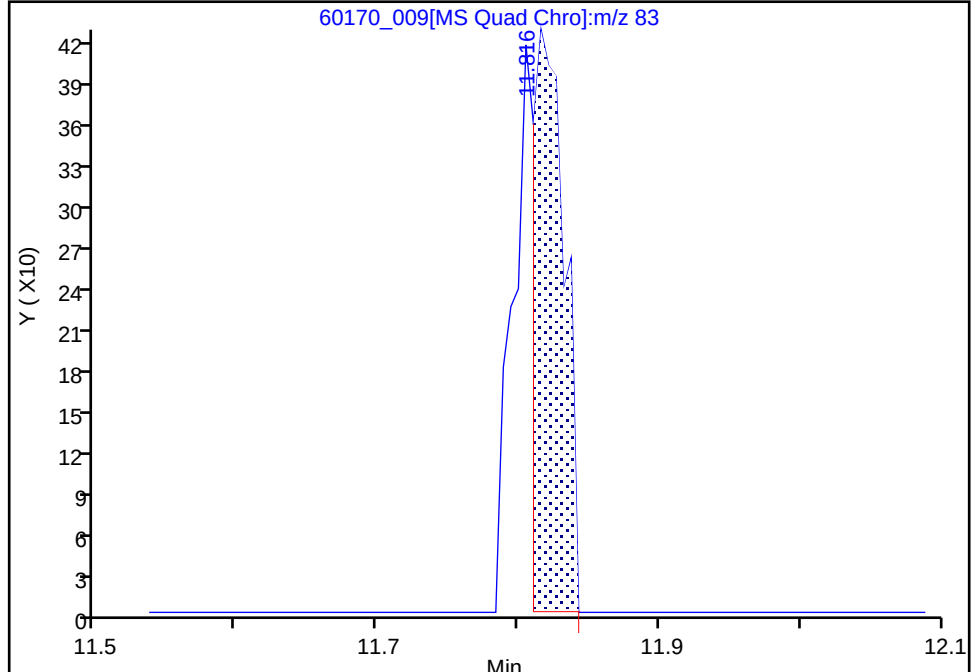
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_009.D				
Injection Date:	02-May-2024 14:46:32	Instrument ID:	CHAN.i		
Lims ID:	200-73340-A-2	Lab Sample ID:	200-73340-2		
Client ID:	SVE-INT_20240430				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
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

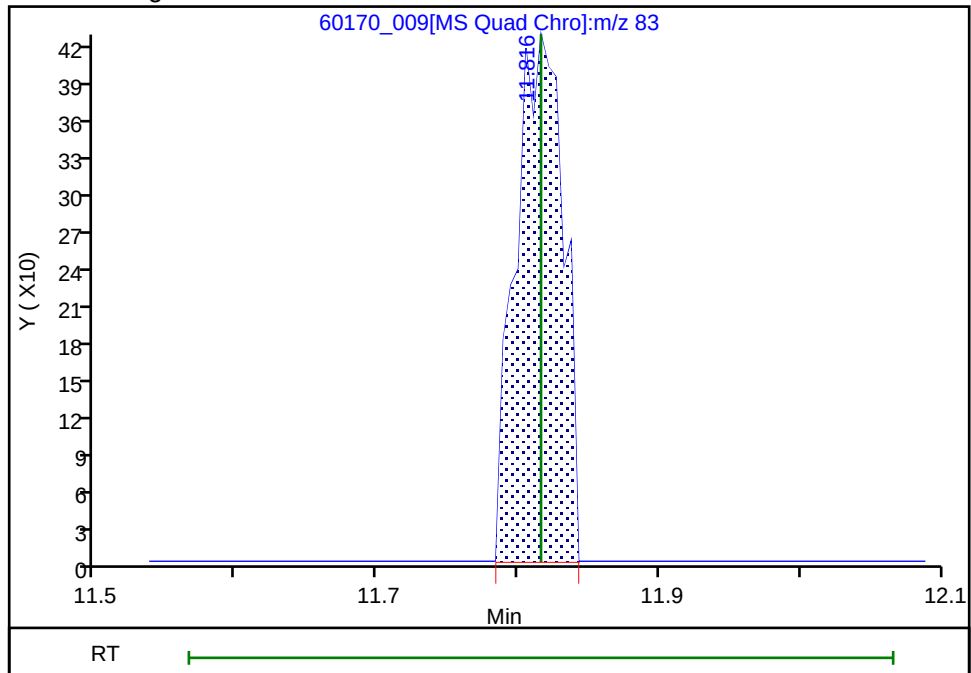
RT: 11.82
Area: 659
Amount: 0.010357
Amount Units: ppb v/v

Processing Integration Results



RT: 11.82
Area: 995
Amount: 0.015638
Amount Units: ppb v/v

Manual Integration Results



Reviewer: F7XK, 03-May-2024 09:20:59 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_009.D

Injection Date: 02-May-2024 14:46:32

Instrument ID: CHAN.i

Lims ID: 200-73340-A-2

Lab Sample ID: 200-73340-2

Client ID: SVE-INT_20240430

Operator ID: wrd

ALS Bottle#:

0

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 20.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

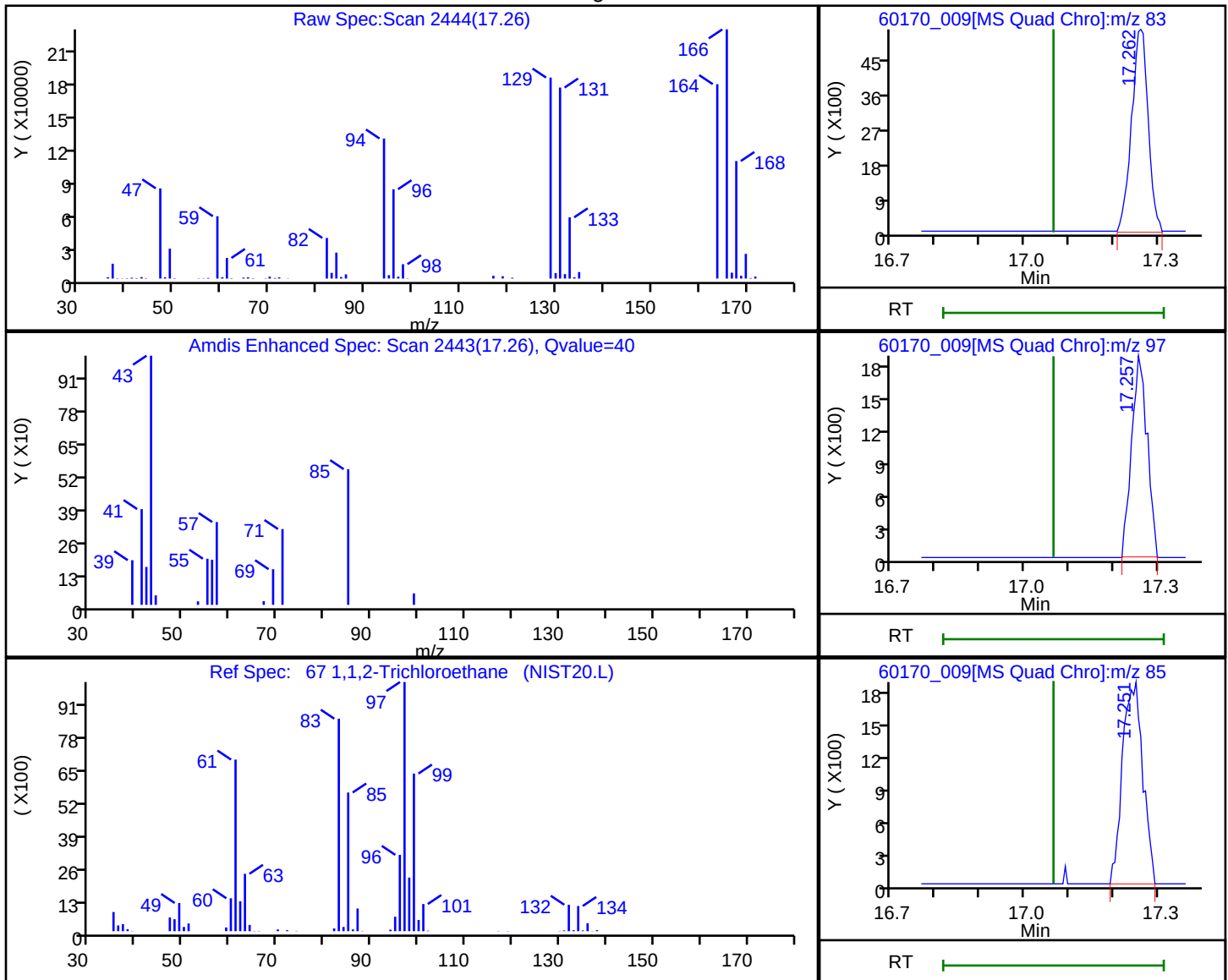
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
17.26	83.00	13599	0.425146
17.26	97.00	4609	
17.25	85.00	6027	

Reviewer: F7XK, 03-May-2024 09:21:57 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

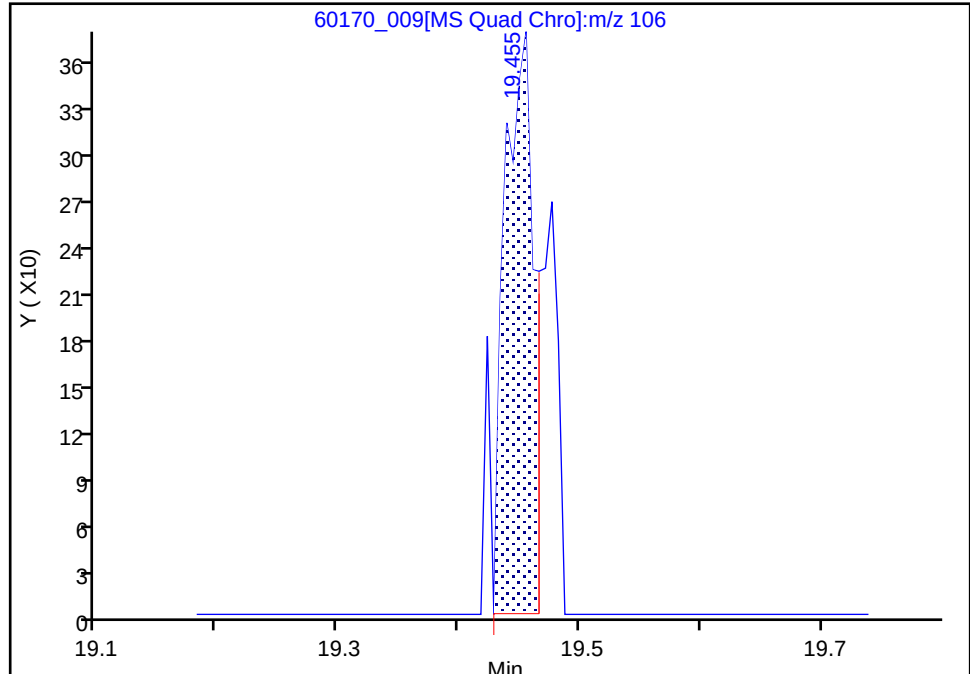
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_009.D				
Injection Date:	02-May-2024 14:46:32	Instrument ID:	CHAN.i		
Lims ID:	200-73340-A-2	Lab Sample ID:	200-73340-2		
Client ID:	SVE-INT_20240430				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
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

Signal: 1

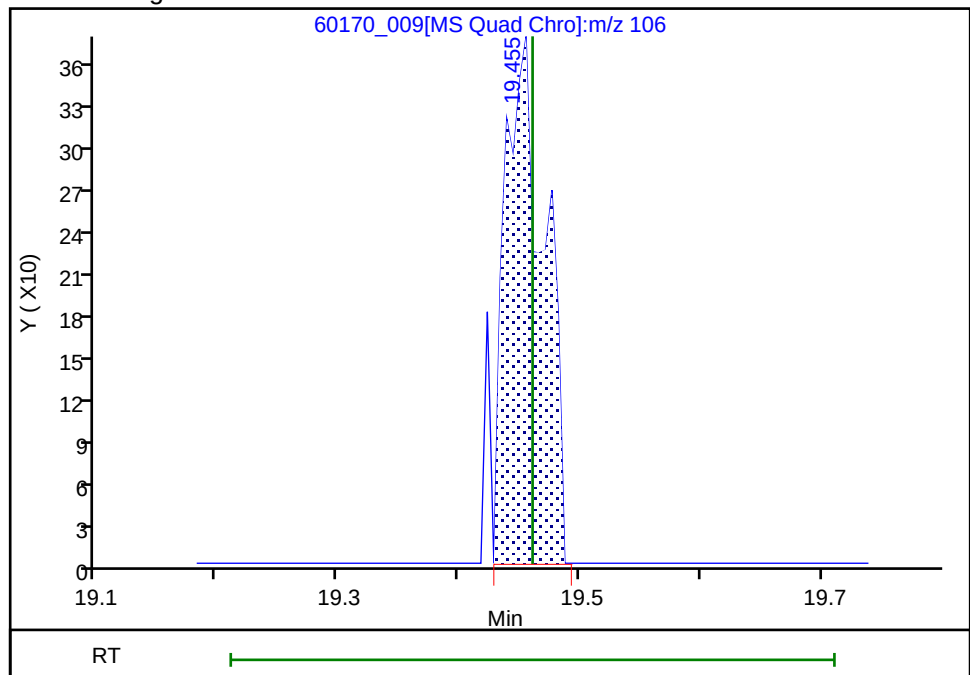
RT: 19.46
Area: 636
Amount: 0.014553
Amount Units: ppb v/v

Processing Integration Results



RT: 19.46
Area: 850
Amount: 0.019450
Amount Units: ppb v/v

Manual Integration Results



Reviewer: F7XK, 03-May-2024 09:22:26 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_009.D

Injection Date: 02-May-2024 14:46:32

Instrument ID: CHAN.i

Lims ID: 200-73340-A-2

Lab Sample ID: 200-73340-2

Client ID: SVE-INT_20240430

Operator ID: wrd

ALS Bottle#:

0

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 20.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

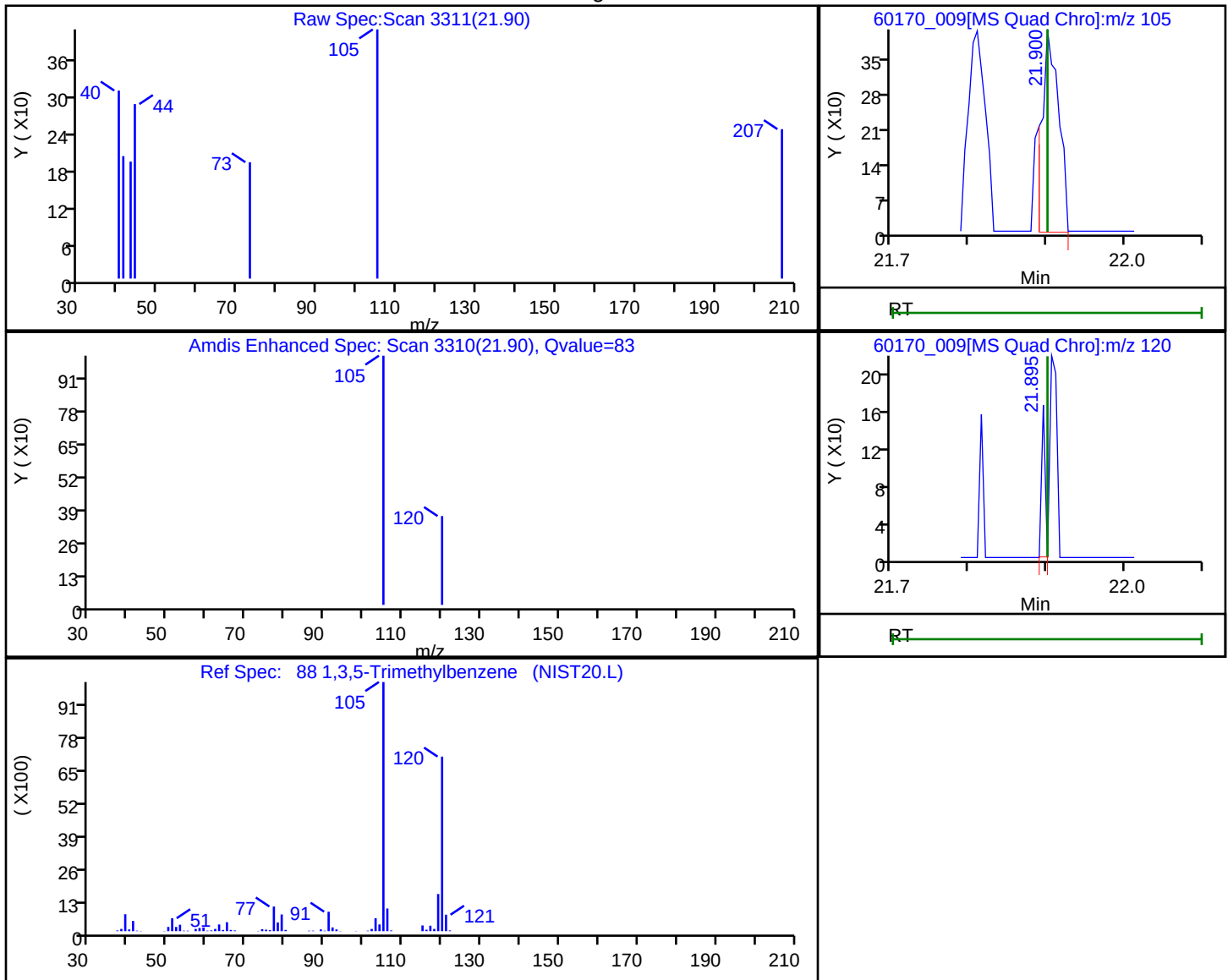
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
21.90	105.00	606	0.005686
21.89	120.00	53	

Reviewer: F7XK, 03-May-2024 09:23:34 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.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-EFF_20240430 Lab Sample ID: 200-73340-3

Matrix: Air Lab File ID: 60170_010.D

Analysis Method: TO-15 Date Collected: 04/30/2024 10:35

Sample wt/vol: 40 (mL) Date Analyzed: 05/02/2024 15:38

Soil Aliquot Vol: _____ Dilution Factor: 5

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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.55
75-45-6	Freon 22	86.47	2.5	U	2.5	0.60
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.0	U	1.0	0.24
74-87-3	Chloromethane	50.49	2.5	U	2.5	0.75
106-97-8	n-Butane	58.12	2.1	J	2.5	1.0
75-01-4	Vinyl chloride	62.50	0.39	U	0.39	0.11
106-99-0	1,3-Butadiene	54.09	1.0	U	1.0	0.20
74-83-9	Bromomethane	94.94	1.0	U	1.0	0.36
75-00-3	Chloroethane	64.52	2.5	U	2.5	0.90
593-60-2	Bromoethene (Vinyl Bromide)	106.96	1.0	U	1.0	0.25
75-69-4	Trichlorofluoromethane	137.37	1.0	U	1.0	0.25
76-13-1	Freon TF	187.38	1.0	U	1.0	0.27
75-35-4	1,1-Dichloroethene	96.94	0.18	U	0.18	0.13
67-64-1	Acetone	58.08	20	J	25	8.0
67-63-0	Isopropyl alcohol	60.10	30		25	8.0
75-15-0	Carbon disulfide	76.14	2.5	U	2.5	0.65
107-05-1	3-Chloropropene	76.53	2.5	U	2.5	0.60
75-09-2	Methylene Chloride	84.93	2.5	U	2.5	0.90
75-65-0	tert-Butyl alcohol	74.12	25	U	25	6.0
1634-04-4	Methyl tert-butyl ether	88.15	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	96.94	1.0	U	1.0	0.12
110-54-3	n-Hexane	86.17	2.5	U	2.5	0.55
75-34-3	1,1-Dichloroethane	98.96	1.0	U	1.0	0.13
78-93-3	Methyl Ethyl Ketone	72.11	2.5	U	2.5	2.5
156-59-2	cis-1,2-Dichloroethene	96.94	3.2		0.25	0.11
540-59-0	1,2-Dichloroethene, Total	96.94	3.2		2.0	0.11
67-66-3	Chloroform	119.38	0.52	J	1.0	0.21
109-99-9	Tetrahydrofuran	72.11	27		25	6.5
71-55-6	1,1,1-Trichloroethane	133.41	1.0	U	1.0	0.22
110-82-7	Cyclohexane	84.16	1.0	U	1.0	0.29
56-23-5	Carbon tetrachloride	153.81	0.18	U	0.18	0.11
540-84-1	2,2,4-Trimethylpentane	114.23	1.0	U	1.0	0.19

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-EFF_20240430 Lab Sample ID: 200-73340-3

Matrix: Air Lab File ID: 60170_010.D

Analysis Method: TO-15 Date Collected: 04/30/2024 10:35

Sample wt/vol: 40 (mL) Date Analyzed: 05/02/2024 15:38

Soil Aliquot Vol: _____ Dilution Factor: 5

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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	0.24	J	1.0	0.22
107-06-2	1,2-Dichloroethane	98.96	1.0	U	1.0	0.47
142-82-5	n-Heptane	100.21	1.0	U	1.0	0.28
79-01-6	Trichloroethene	131.39	1.1		0.18	0.13
80-62-6	Methyl methacrylate	100.12	2.5	U	2.5	0.70
78-87-5	1,2-Dichloropropane	112.99	1.0	U	1.0	0.47
123-91-1	1,4-Dioxane	88.11	25	U	25	0.41
75-27-4	Bromodichloromethane	163.83	1.0	U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	110.97	1.0	U	1.0	0.23
108-10-1	methyl isobutyl ketone	100.16	1.1	J	2.5	0.65
108-88-3	Toluene	92.14	2.1		1.0	0.31
10061-02-6	trans-1,3-Dichloropropene	110.97	1.0	U	1.0	0.27
79-00-5	1,1,2-Trichloroethane	133.41	1.0	U	1.0	0.37
127-18-4	Tetrachloroethene	165.83	130		1.0	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.5	U	2.5	0.75
124-48-1	Dibromochloromethane	208.28	1.0	U	1.0	0.32
106-93-4	1,2-Dibromoethane	187.87	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	112.56	1.0	U	1.0	0.22
100-41-4	Ethylbenzene	106.17	1.0	U	1.0	0.35
179601-23-1	m,p-Xylene	106.17	0.60	J	2.5	0.48
95-47-6	Xylene, o-	106.17	1.0	U	1.0	0.32
1330-20-7	Xylene (total)	106.17	0.60	J	3.5	0.26
100-42-5	Styrene	104.15	1.0	U	1.0	0.30
75-25-2	Bromoform	252.75	1.0	U	1.0	0.60
98-82-8	Cumene	120.19	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.0	U	1.0	0.22
103-65-1	n-Propylbenzene	120.19	1.0	U	1.0	0.24
622-96-8	4-Ethyltoluene	120.20	1.0	U	1.0	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	1.0	U	1.0	0.24
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.23
98-06-6	tert-Butylbenzene	134.22	1.0	U	1.0	0.24
95-63-6	1,2,4-Trimethylbenzene	120.20	0.63	J	1.0	0.40

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-EFF_20240430 Lab Sample ID: 200-73340-3
 Matrix: Air Lab File ID: 60170_010.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 10:35
 Sample wt/vol: 40 (mL) Date Analyzed: 05/02/2024 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 5
 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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	1.0	U	1.0	0.23
99-87-6	4-Isopropyltoluene	134.22	1.0	U	1.0	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.0	U	1.0	0.37
106-46-7	1,4-Dichlorobenzene	147.00	1.0	U	1.0	0.45
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.44
104-51-8	n-Butylbenzene	134.22	1.0	U	1.0	0.55
95-50-1	1,2-Dichlorobenzene	147.00	1.0	U	1.0	0.33
120-82-1	1,2,4-Trichlorobenzene	181.45	2.5	U	2.5	1.7
87-68-3	Hexachlorobutadiene	260.76	1.0	U **	1.0	0.55
91-20-3	Naphthalene	128.17	2.5	U	2.5	1.5

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-EFF_20240430 Lab Sample ID: 200-73340-3

Matrix: Air Lab File ID: 60170_010.D

Analysis Method: TO-15 Date Collected: 04/30/2024 10:35

Sample wt/vol: 40 (mL) Date Analyzed: 05/02/2024 15:38

Soil Aliquot Vol: _____ Dilution Factor: 5

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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	12	U	12	2.7
75-45-6	Freon 22	86.47	8.8	U	8.8	2.1
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	7.0	U	7.0	1.7
74-87-3	Chloromethane	50.49	5.2	U	5.2	1.5
106-97-8	n-Butane	58.12	5.0	J	5.9	2.4
75-01-4	Vinyl chloride	62.50	1.0	U	1.0	0.27
106-99-0	1,3-Butadiene	54.09	2.2	U	2.2	0.43
74-83-9	Bromomethane	94.94	3.9	U	3.9	1.4
75-00-3	Chloroethane	64.52	6.6	U	6.6	2.4
593-60-2	Bromoethene (Vinyl Bromide)	106.96	4.4	U	4.4	1.1
75-69-4	Trichlorofluoromethane	137.37	5.6	U	5.6	1.4
76-13-1	Freon TF	187.38	7.7	U	7.7	2.0
75-35-4	1,1-Dichloroethene	96.94	0.70	U	0.70	0.52
67-64-1	Acetone	58.08	47	J	59	19
67-63-0	Isopropyl alcohol	60.10	74		61	20
75-15-0	Carbon disulfide	76.14	7.8	U	7.8	2.0
107-05-1	3-Chloropropene	76.53	7.8	U	7.8	1.9
75-09-2	Methylene Chloride	84.93	8.7	U	8.7	3.1
75-65-0	tert-Butyl alcohol	74.12	76	U	76	18
1634-04-4	Methyl tert-butyl ether	88.15	3.6	U	3.6	0.65
156-60-5	trans-1,2-Dichloroethene	96.94	4.0	U	4.0	0.46
110-54-3	n-Hexane	86.17	8.8	U	8.8	1.9
75-34-3	1,1-Dichloroethane	98.96	4.0	U	4.0	0.51
78-93-3	Methyl Ethyl Ketone	72.11	7.4	U	7.4	7.2
156-59-2	cis-1,2-Dichloroethene	96.94	13		1.0	0.42
540-59-0	1,2-Dichloroethene, Total	96.94	13		7.9	0.42
67-66-3	Chloroform	119.38	2.5	J	4.9	1.0
109-99-9	Tetrahydrofuran	72.11	80		74	19
71-55-6	1,1,1-Trichloroethane	133.41	5.5	U	5.5	1.2
110-82-7	Cyclohexane	84.16	3.4	U	3.4	1.0
56-23-5	Carbon tetrachloride	153.81	1.1	U	1.1	0.69
540-84-1	2,2,4-Trimethylpentane	114.23	4.7	U	4.7	0.89

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-EFF_20240430 Lab Sample ID: 200-73340-3

Matrix: Air Lab File ID: 60170_010.D

Analysis Method: TO-15 Date Collected: 04/30/2024 10:35

Sample wt/vol: 40 (mL) Date Analyzed: 05/02/2024 15:38

Soil Aliquot Vol: _____ Dilution Factor: 5

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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	0.76	J	3.2	0.70
107-06-2	1,2-Dichloroethane	98.96	4.0	U	4.0	1.9
142-82-5	n-Heptane	100.21	4.1	U	4.1	1.1
79-01-6	Trichloroethene	131.39	6.2		0.94	0.67
80-62-6	Methyl methacrylate	100.12	10	U	10	2.9
78-87-5	1,2-Dichloropropane	112.99	4.6	U	4.6	2.2
123-91-1	1,4-Dioxane	88.11	90	U	90	1.5
75-27-4	Bromodichloromethane	163.83	6.7	U	6.7	1.7
10061-01-5	cis-1,3-Dichloropropene	110.97	4.5	U	4.5	1.0
108-10-1	methyl isobutyl ketone	100.16	4.5	J	10	2.7
108-88-3	Toluene	92.14	8.0		3.8	1.2
10061-02-6	trans-1,3-Dichloropropene	110.97	4.5	U	4.5	1.2
79-00-5	1,1,2-Trichloroethane	133.41	5.5	U	5.5	2.0
127-18-4	Tetrachloroethene	165.83	880		6.8	0.71
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10	U	10	3.1
124-48-1	Dibromochloromethane	208.28	8.5	U	8.5	2.7
106-93-4	1,2-Dibromoethane	187.87	7.7	U	7.7	1.6
108-90-7	Chlorobenzene	112.56	4.6	U	4.6	1.0
100-41-4	Ethylbenzene	106.17	4.3	U	4.3	1.5
179601-23-1	m,p-Xylene	106.17	2.6	J	11	2.1
95-47-6	Xylene, o-	106.17	4.3	U	4.3	1.4
1330-20-7	Xylene (total)	106.17	2.6	J	15	1.1
100-42-5	Styrene	104.15	4.3	U	4.3	1.3
75-25-2	Bromoform	252.75	10	U	10	6.2
98-82-8	Cumene	120.19	4.9	U	4.9	1.0
79-34-5	1,1,2,2-Tetrachloroethane	167.85	6.9	U	6.9	1.5
103-65-1	n-Propylbenzene	120.19	4.9	U	4.9	1.2
622-96-8	4-Ethyltoluene	120.20	4.9	U	4.9	1.2
108-67-8	1,3,5-Trimethylbenzene	120.20	4.9	U	4.9	1.2
95-49-8	2-Chlorotoluene	126.59	5.2	U	5.2	1.2
98-06-6	tert-Butylbenzene	134.22	5.5	U	5.5	1.3
95-63-6	1,2,4-Trimethylbenzene	120.20	3.1	J	4.9	2.0

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-EFF_20240430 Lab Sample ID: 200-73340-3
 Matrix: Air Lab File ID: 60170_010.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 10:35
 Sample wt/vol: 40 (mL) Date Analyzed: 05/02/2024 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 5
 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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	5.5	U	5.5	1.2
99-87-6	4-Isopropyltoluene	134.22	5.5	U	5.5	1.7
541-73-1	1,3-Dichlorobenzene	147.00	6.0	U	6.0	2.2
106-46-7	1,4-Dichlorobenzene	147.00	6.0	U	6.0	2.7
100-44-7	Benzyl chloride	126.58	5.2	U	5.2	2.3
104-51-8	n-Butylbenzene	134.22	5.5	U	5.5	3.0
95-50-1	1,2-Dichlorobenzene	147.00	6.0	U	6.0	2.0
120-82-1	1,2,4-Trichlorobenzene	181.45	19	U	19	12
87-68-3	Hexachlorobutadiene	260.76	11	U **	11	5.9
91-20-3	Naphthalene	128.17	13	U	13	7.9

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_010.D
 Lims ID: 200-73340-A-3
 Client ID: SVE-EFF_20240430
 Sample Type: Client
 Inject. Date: 02-May-2024 15:38:13 ALS Bottle#: 0 Worklist Smp#: 10
 Purge Vol: 200.000 mL Dil. Factor: 5.0000
 Sample Info: 200-0060170-010
 Misc. Info.: 73340-3
 Operator ID: wrd Instrument ID: CHAN.i
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 03-May-2024 09:44:09 Calib Date: 16-Apr-2024 00:40:13
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_014.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1653

First Level Reviewer: F7XK

Date: 03-May-2024 09:30:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.481	4.487	-0.006	99	6763	0.0785	
3 Chlorodifluoromethane	51	4.529	4.529	-0.001	1	6660	0.1036	M
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.856				ND	
5 Chloromethane	50		4.974				ND	
6 Vinyl chloride	62		5.273				ND	
7 Butane	43	5.267	5.273	-0.006	98	22970	0.4244	
8 Butadiene	54		5.385				ND	MU
9 Bromomethane	94		6.108				ND	
10 Chloroethane	64		6.386				ND	
13 Vinyl bromide	106		6.809				ND	
14 Trichlorofluoromethane	101	6.969	6.972	0.000	94	2764	0.0390	
20 1,1-Dichloroethene	96		8.034				ND	
21 1,1,2-Trichloro-1,2,2-trifluoro	101		8.071				ND	7
22 Acetone	43	8.124	8.114	0.010	99	214252	3.99	
23 Isopropyl alcohol	45	8.418	8.408	0.010	100	314280	6.00	
24 Carbon disulfide	76	8.429	8.435	-0.006	99	7389	0.0837	
26 3-Chloro-1-propene	41		8.729				ND	
27 Methylene Chloride	49	8.964	8.959	0.005	94	3546	0.0877	
28 2-Methyl-2-propanol	59	9.200	9.173	0.027	94	8371	0.1370	
30 trans-1,2-Dichloroethene	61		9.457				ND	MU
31 Methyl tert-butyl ether	73		9.462				ND	
32 Hexane	57	9.970	9.965	0.005	86	3351	0.0685	
S 35 1,2-Dichloroethene, Total	61				0		0.6350	
33 1,1-Dichloroethane	63		10.227				ND	
36 2-Butanone (MEK)	72		11.201				ND	MU
37 cis-1,2-Dichloroethene	96	11.227	11.227	0.000	94	19261	0.6350	
* 39 Chlorobromomethane	128	11.639	11.634	0.005	95	139936	10.0	
40 Tetrahydrofuran	42	11.676	11.676	0.005	92	184541	5.44	
41 Chloroform	83	11.821	11.821	0.005	96	6558	0.1038	
42 1,1,1-Trichloroethane	97		12.121				ND	
43 Cyclohexane	84	12.265	12.265	0.010	92	1343	0.0385	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
44 Carbon tetrachloride	117		12.394				ND	
45 Benzene	78	12.752	12.741	0.011	94	4185	0.0477	
46 1,2-Dichloroethane	62		12.822				ND	
47 Isooctane	57	12.960	12.961	0.005	38	1498	0.0100	7M
48 n-Heptane	43	13.271	13.260	0.011	35	1231	0.0207	M
* 49 1,4-Difluorobenzene	114	13.479	13.474	0.005	96	680449	10.0	
51 Trichloroethene	95	13.913	13.913	0.005	92	8399	0.2295	
53 1,2-Dichloropropane	63		14.368				ND	
54 Methyl methacrylate	69		14.448				ND	
55 1,4-Dioxane	88		14.491				ND	
58 Dichlorobromomethane	83		14.833				ND	
59 cis-1,3-Dichloropropene	75		15.636				ND	
61 4-Methyl-2-pentanone (MIBK)	43	15.908	15.898	0.010	97	16433	0.2188	
62 Toluene	92	16.277	16.272	0.005	93	23838	0.4228	
66 trans-1,3-Dichloropropene	75		16.690				ND	7
67 1,1,2-Trichloroethane	83		17.064				ND	MU
68 Tetrachloroethene	166	17.262	17.262	0.000	90	907883	26.0	
69 2-Hexanone	43		17.471				ND	MU
70 Chlorodibromomethane	129		17.797				ND	
71 Ethylene Dibromide	107		18.038				ND	
* 73 Chlorobenzene-d5	117	18.952	18.953	-0.001	90	601940	10.0	
74 Chlorobenzene	112		19.011				ND	7
75 Ethylbenzene	91	19.198	19.199	-0.001	97	4202	0.0334	
76 m-Xylene & p-Xylene	106	19.450	19.455	-0.011	0	5245	0.1199	
S 80 Xylenes, Total	106				0		0.1750	
78 o-Xylene	106	20.236	20.236	0.005	96	2322	0.0551	M
79 Styrene	104	20.263	20.263	0.000	76	472	0.007011	7M
81 Bromoform	173		20.600				ND	
82 Isopropylbenzene	105		20.911				ND	7
83 1,1,2,2-Tetrachloroethane	83		21.419				ND	7
85 N-Propylbenzene	91	21.611	21.617	-0.006	96	2880	0.0174	
86 2-Chlorotoluene	91		21.761				ND	7
87 4-Ethyltoluene	105	21.804	21.809	-0.005	97	3144	0.0251	
88 1,3,5-Trimethylbenzene	105	21.905	21.900	0.005	91	3585	0.0336	
91 tert-Butylbenzene	119		22.376				ND	MU
92 1,2,4-Trimethylbenzene	105	22.467	22.467	0.005	96	13376	0.1265	
93 sec-Butylbenzene	105		22.697				ND	
94 1,3-Dichlorobenzene	146		22.874				ND	7
95 4-Isopropyltoluene	119	22.906	22.911	-0.005	95	4051	0.0333	
96 1,4-Dichlorobenzene	146		23.013				ND	7
97 Benzyl chloride	91		23.157				ND	MU
98 n-Butylbenzene	91		23.468				ND	
99 1,2-Dichlorobenzene	146		23.505				ND	
102 1,2,4-Trichlorobenzene	180		25.971				ND	
103 Hexachlorobutadiene	225		26.218				ND	
104 Naphthalene	128		26.458				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\20240502-60170.b\60170_010.D

Injection Date: 02-May-2024 15:38:13

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: 200-73340-A-3

Lab Sample ID: 200-73340-3

Worklist Smp#: 10

Client ID: SVE-EFF_20240430

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

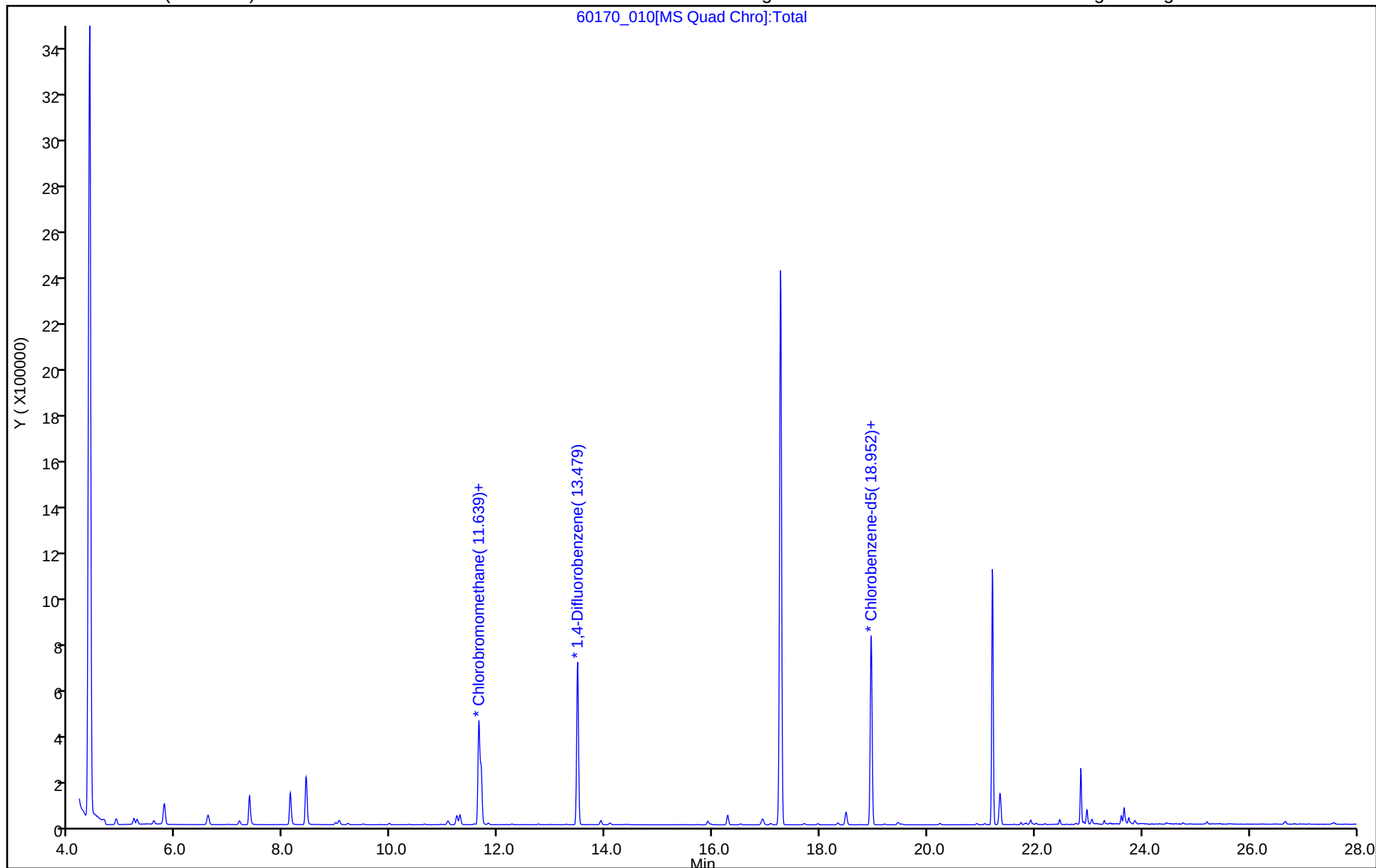
ALS Bottle#: 0

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\20240502-60170.b\60170_010.D

Injection Date: 02-May-2024 15:38:13

Instrument ID: CHAN.i

Lims ID: 200-73340-A-3

Lab Sample ID: 200-73340-3

Client ID: SVE-EFF_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 10

Purge Vol: 200.000 mL

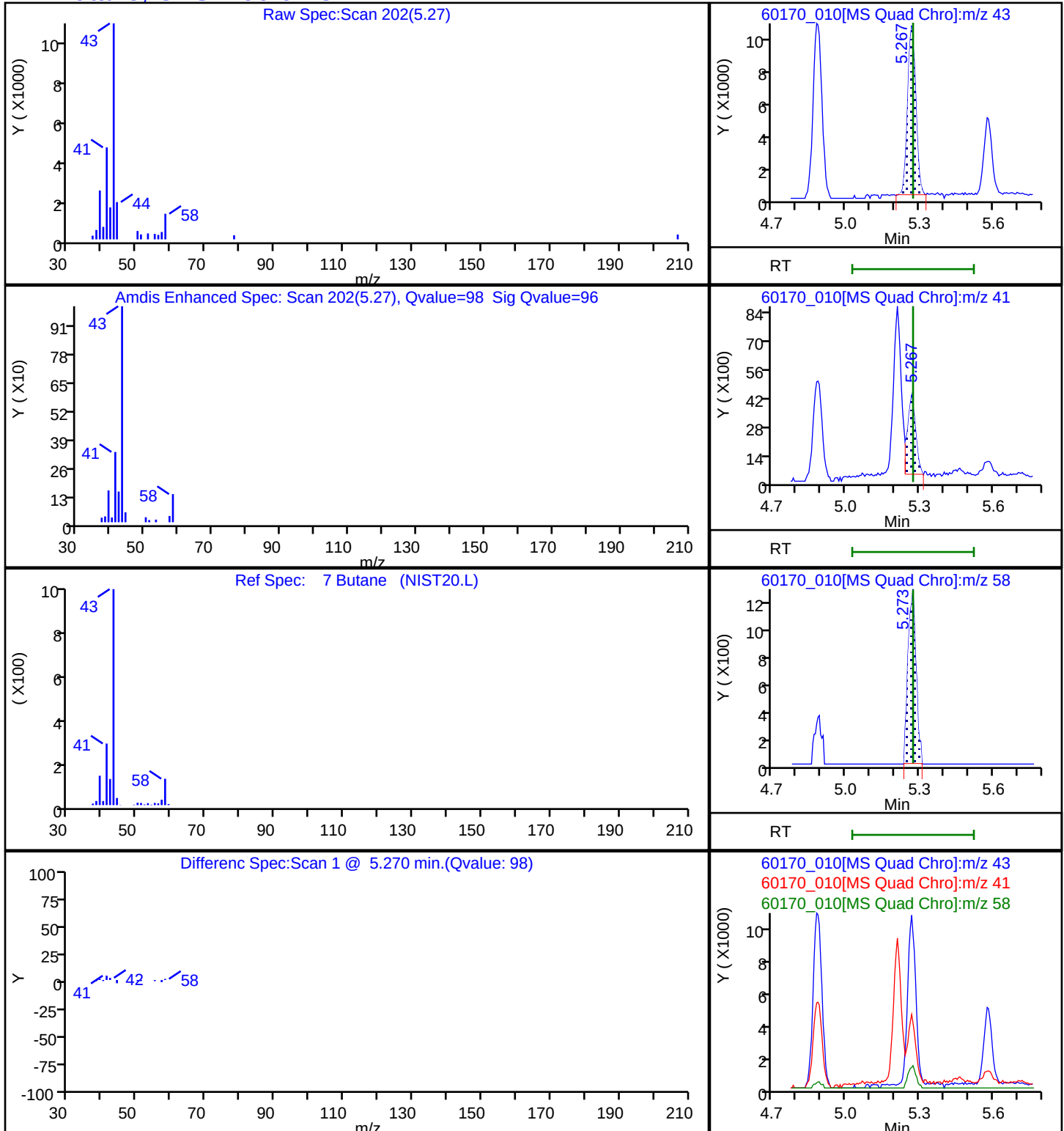
Dil. Factor: 5.0000

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\20240502-60170.b\60170_010.D

Injection Date: 02-May-2024 15:38:13

Instrument ID: CHAN.i

Lims ID: 200-73340-A-3

Lab Sample ID: 200-73340-3

Client ID: SVE-EFF_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 10

Purge Vol: 200.000 mL

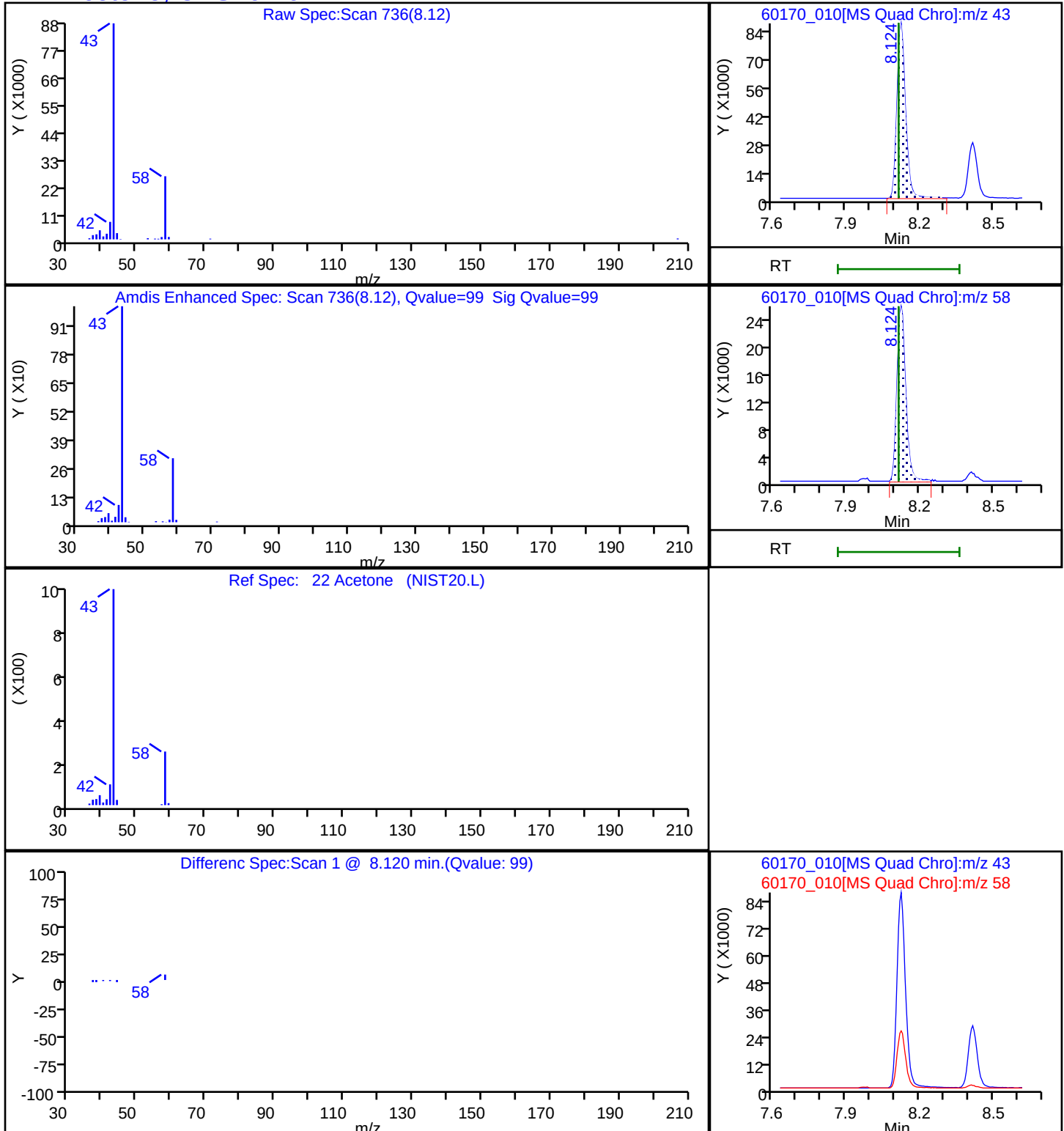
Dil. Factor: 5.0000

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\20240502-60170.b\60170_010.D

Injection Date: 02-May-2024 15:38:13

Instrument ID: CHAN.i

Lims ID: 200-73340-A-3

Lab Sample ID: 200-73340-3

Client ID: SVE-EFF_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 10

Purge Vol: 200.000 mL

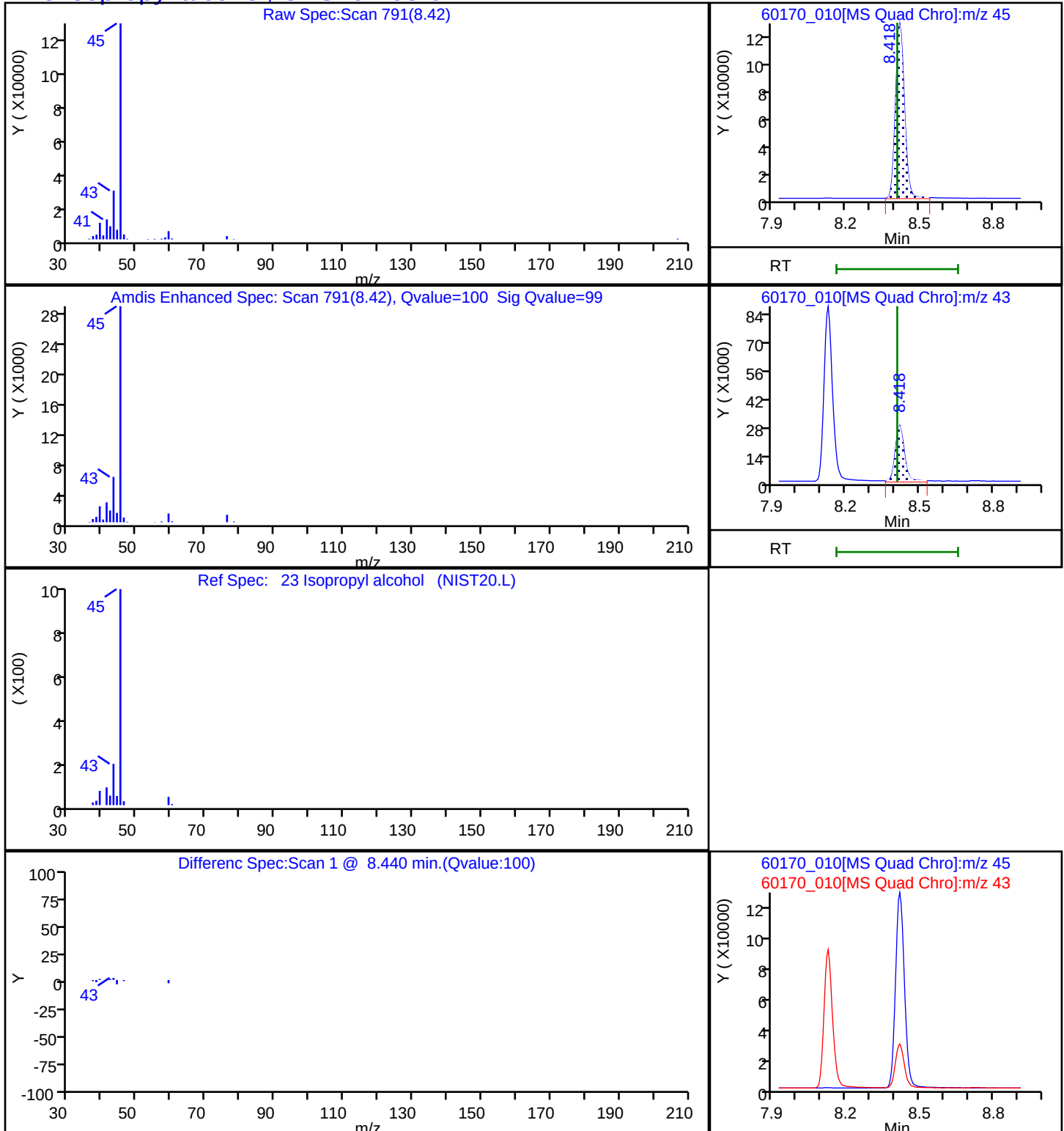
Dil. Factor: 5.0000

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\20240502-60170.b\60170_010.D

Injection Date: 02-May-2024 15:38:13

Instrument ID: CHAN.i

Lims ID: 200-73340-A-3

Lab Sample ID: 200-73340-3

Client ID: SVE-EFF_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 10

Purge Vol: 200.000 mL

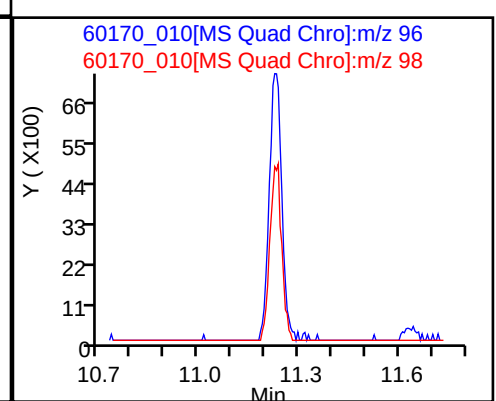
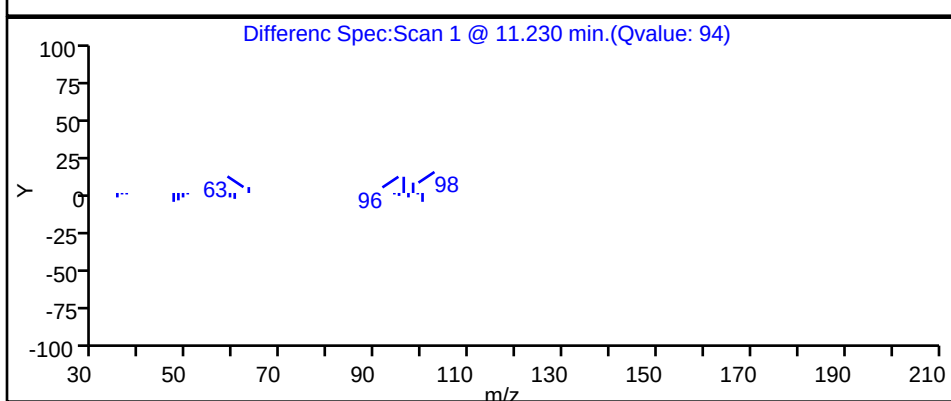
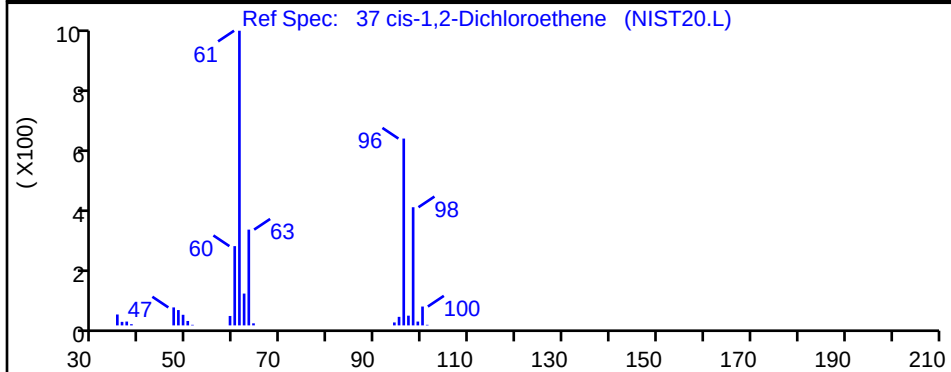
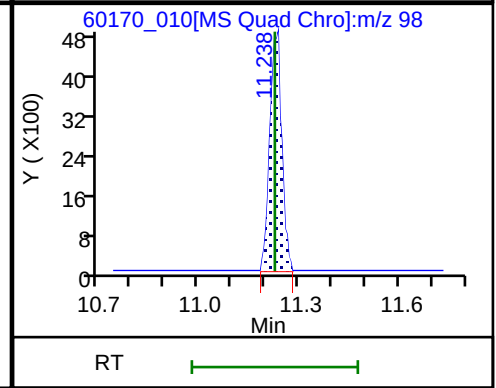
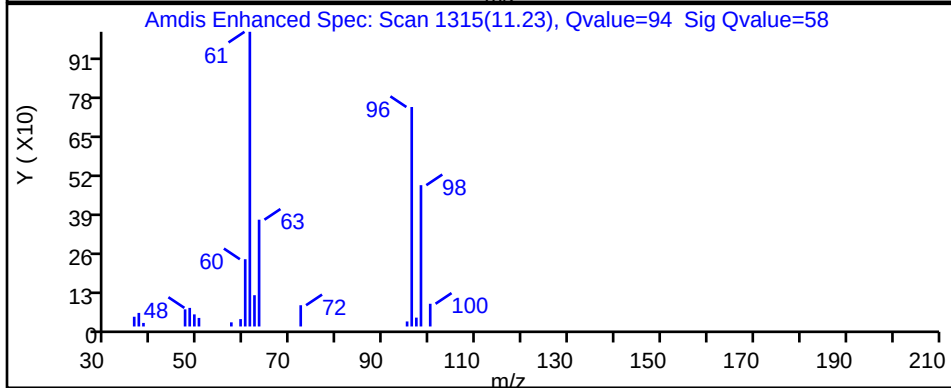
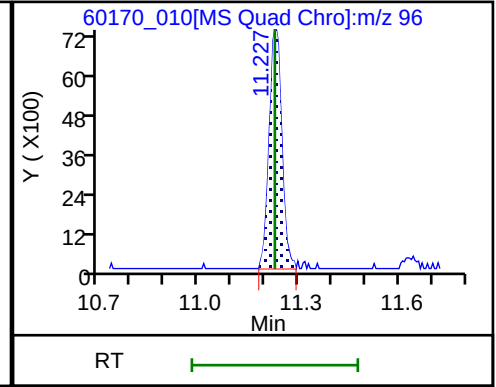
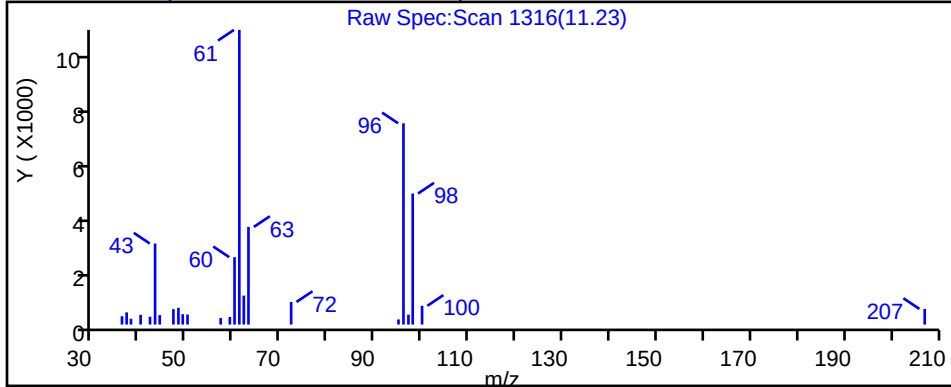
Dil. Factor: 5.0000

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\20240502-60170.b\60170_010.D

Injection Date: 02-May-2024 15:38:13

Instrument ID: CHAN.i

Lims ID: 200-73340-A-3

Lab Sample ID: 200-73340-3

Client ID: SVE-EFF_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 10

Purge Vol: 200.000 mL

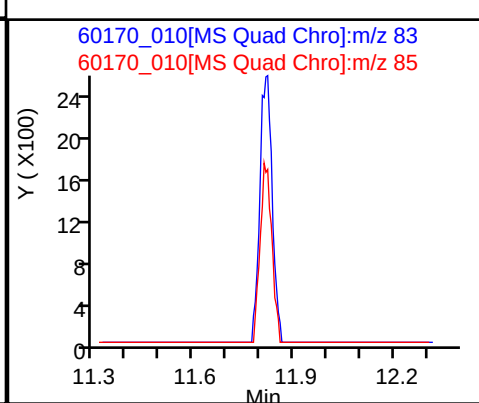
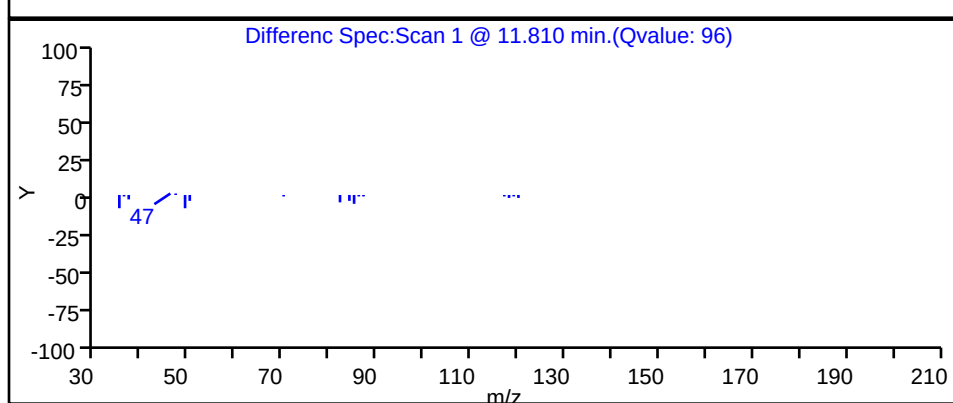
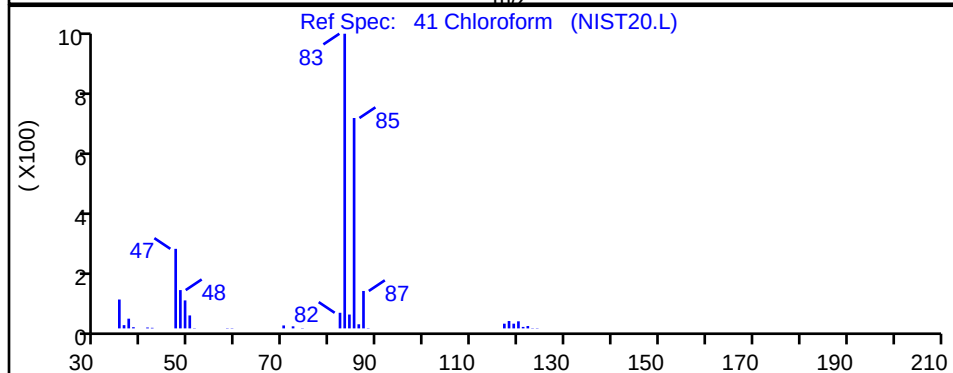
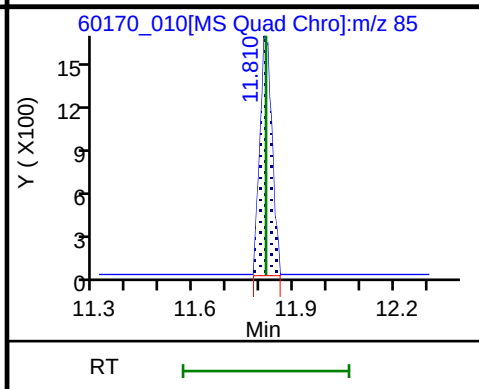
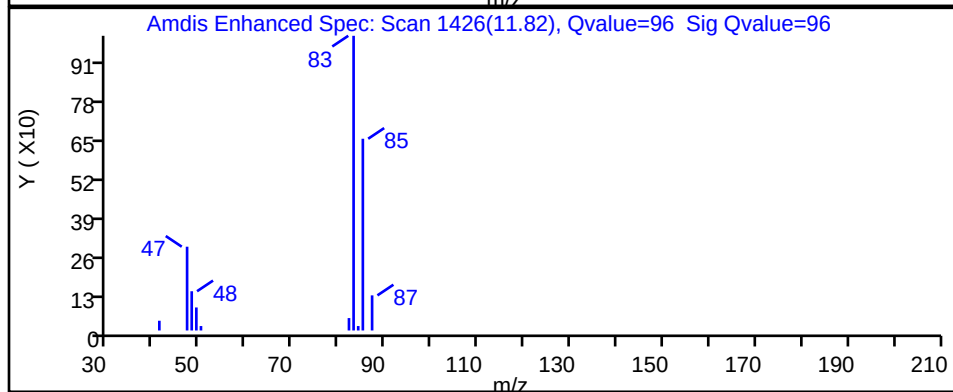
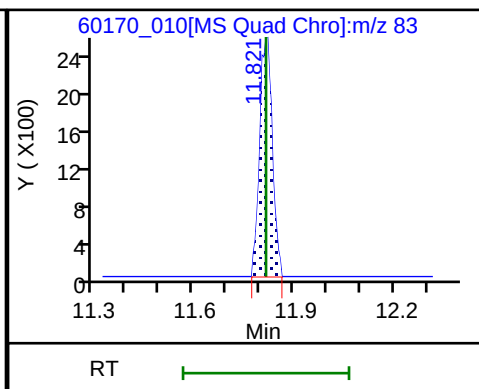
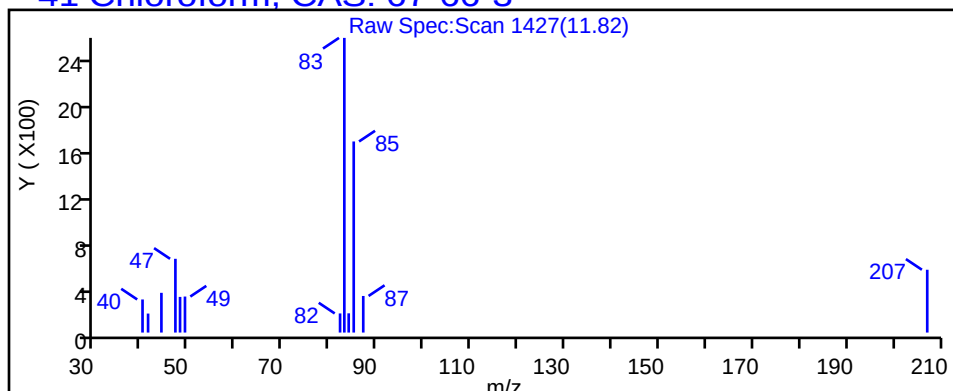
Dil. Factor: 5.0000

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\20240502-60170.b\60170_010.D

Injection Date: 02-May-2024 15:38:13

Instrument ID: CHAN.i

Lims ID: 200-73340-A-3

Lab Sample ID: 200-73340-3

Client ID: SVE-EFF_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 10

Purge Vol: 200.000 mL

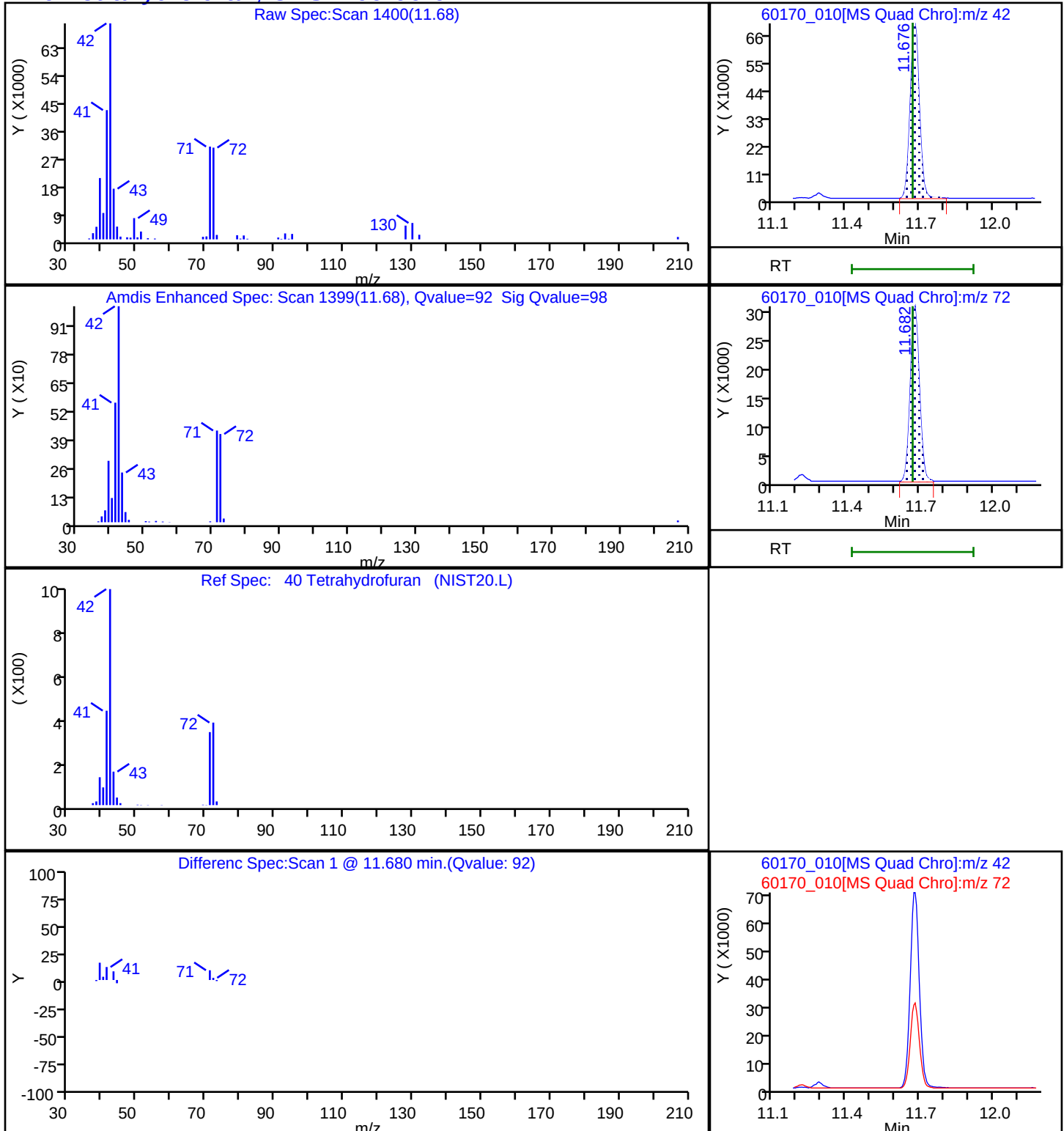
Dil. Factor: 5.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 Tetrahydrofuran, CAS: 109-99-9

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_010.D

Injection Date: 02-May-2024 15:38:13

Instrument ID: CHAN.i

Lims ID: 200-73340-A-3

Lab Sample ID: 200-73340-3

Client ID: SVE-EFF_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

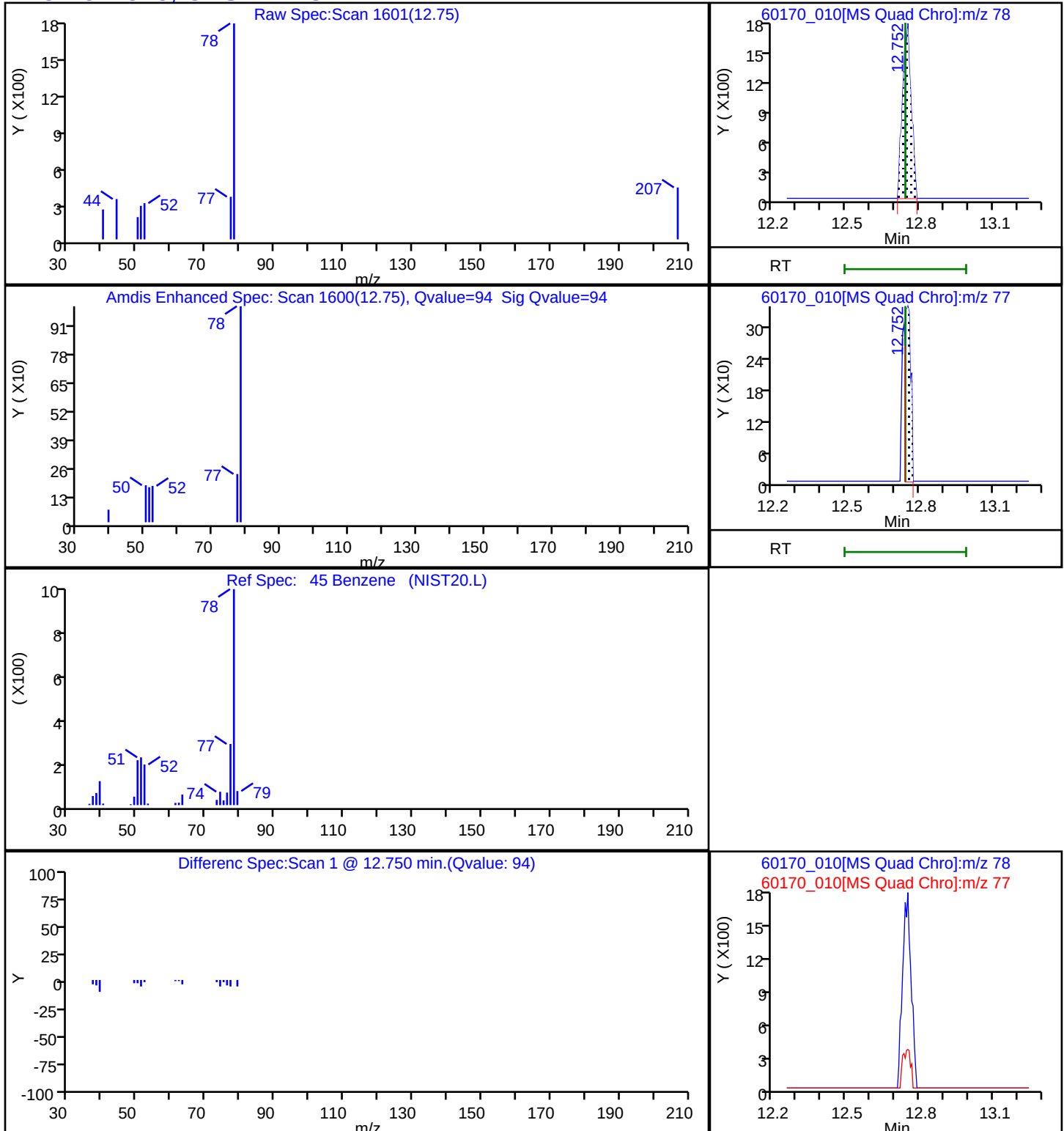
Method: TO15_TO3_Master_Method_AN

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\20240502-60170.b\60170_010.D

Injection Date: 02-May-2024 15:38:13

Instrument ID: CHAN.i

Lims ID: 200-73340-A-3

Lab Sample ID: 200-73340-3

Client ID: SVE-EFF_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 10

Purge Vol: 200.000 mL

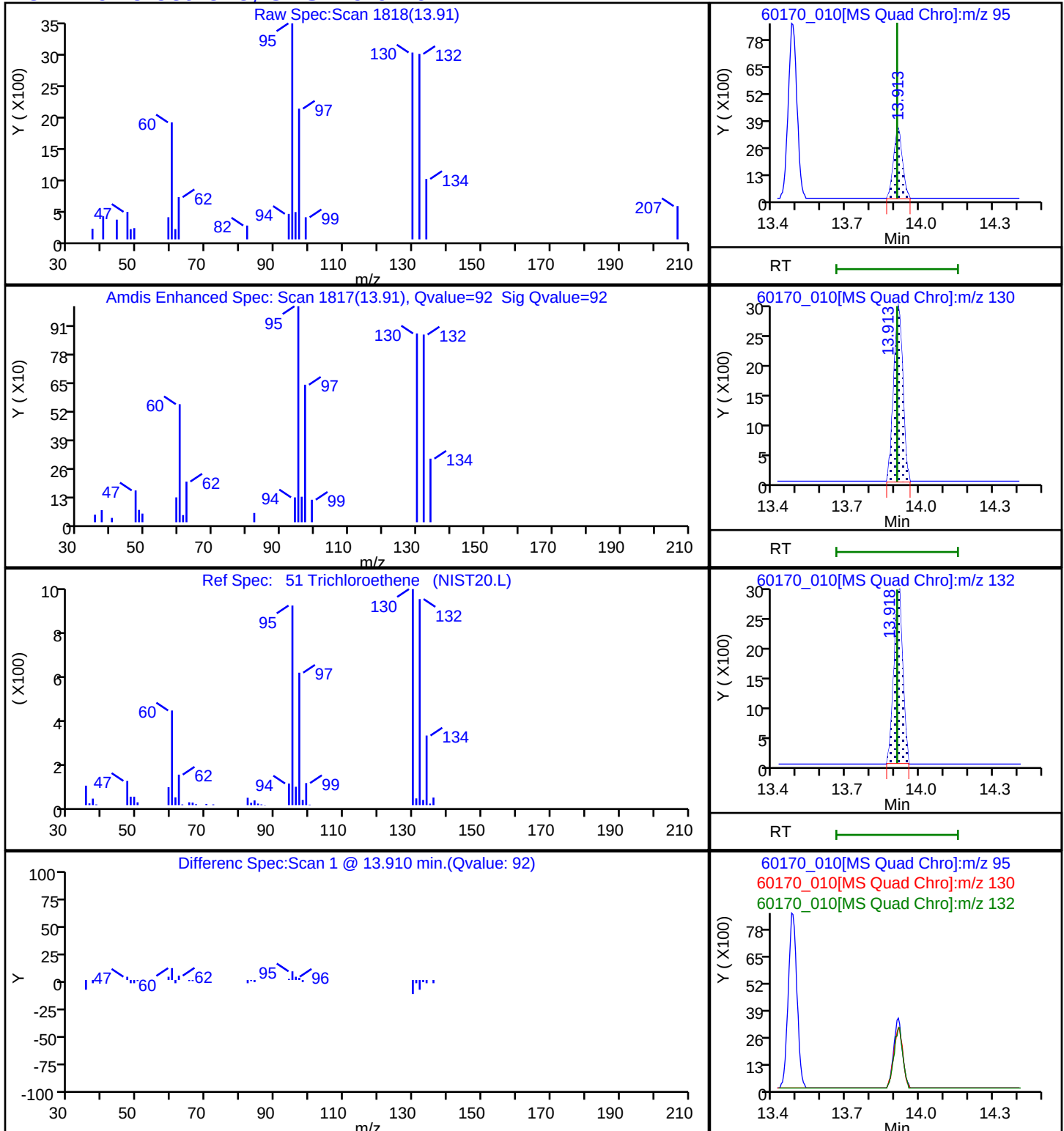
Dil. Factor: 5.0000

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\20240502-60170.b\60170_010.D

Injection Date: 02-May-2024 15:38:13

Instrument ID: CHAN.i

Lims ID: 200-73340-A-3

Lab Sample ID: 200-73340-3

Client ID: SVE-EFF_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 10

Purge Vol: 200.000 mL

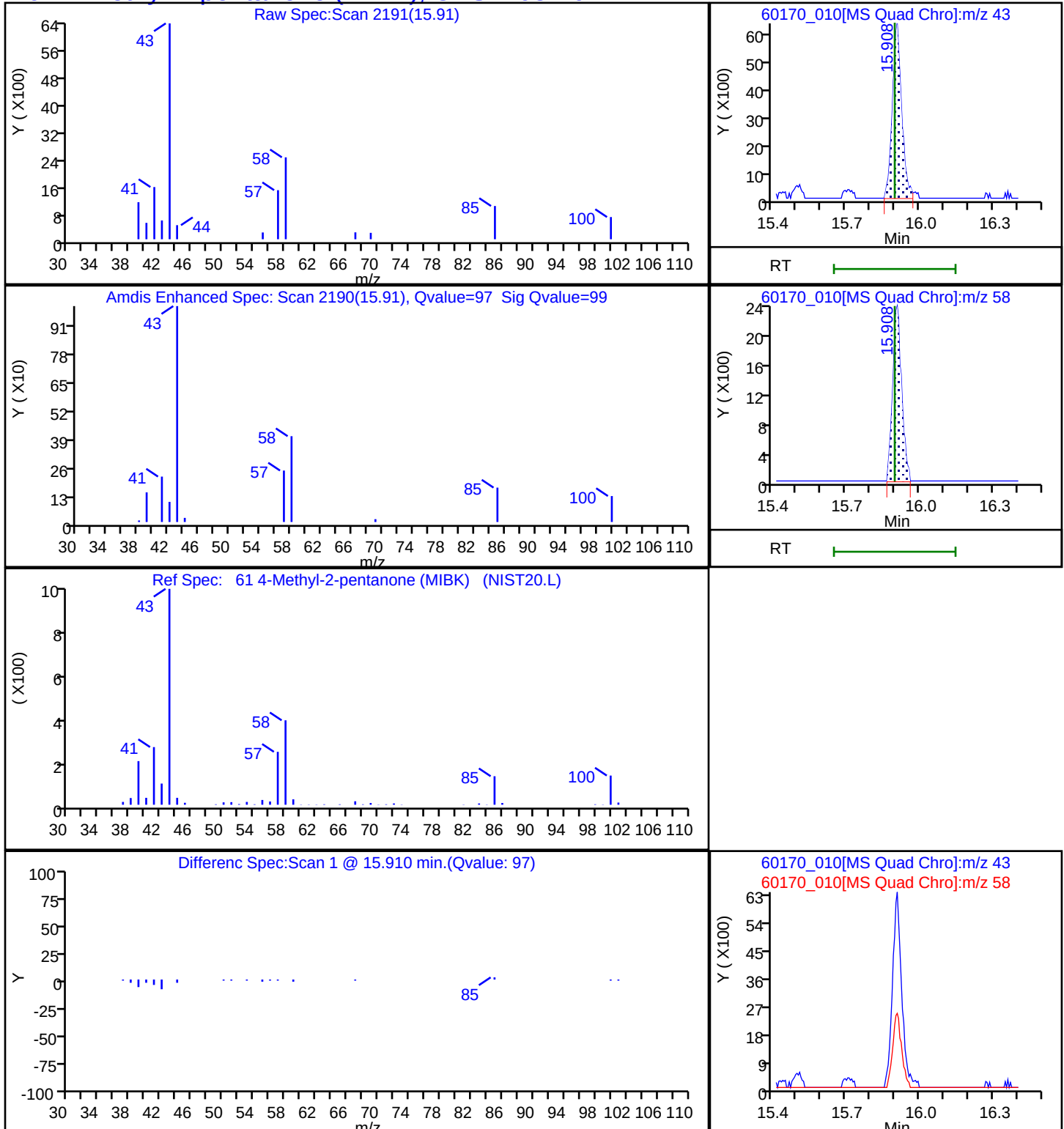
Dil. Factor: 5.0000

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\20240502-60170.b\60170_010.D

Injection Date: 02-May-2024 15:38:13

Instrument ID: CHAN.i

Lims ID: 200-73340-A-3

Lab Sample ID: 200-73340-3

Client ID: SVE-EFF_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 10

Purge Vol: 200.000 mL

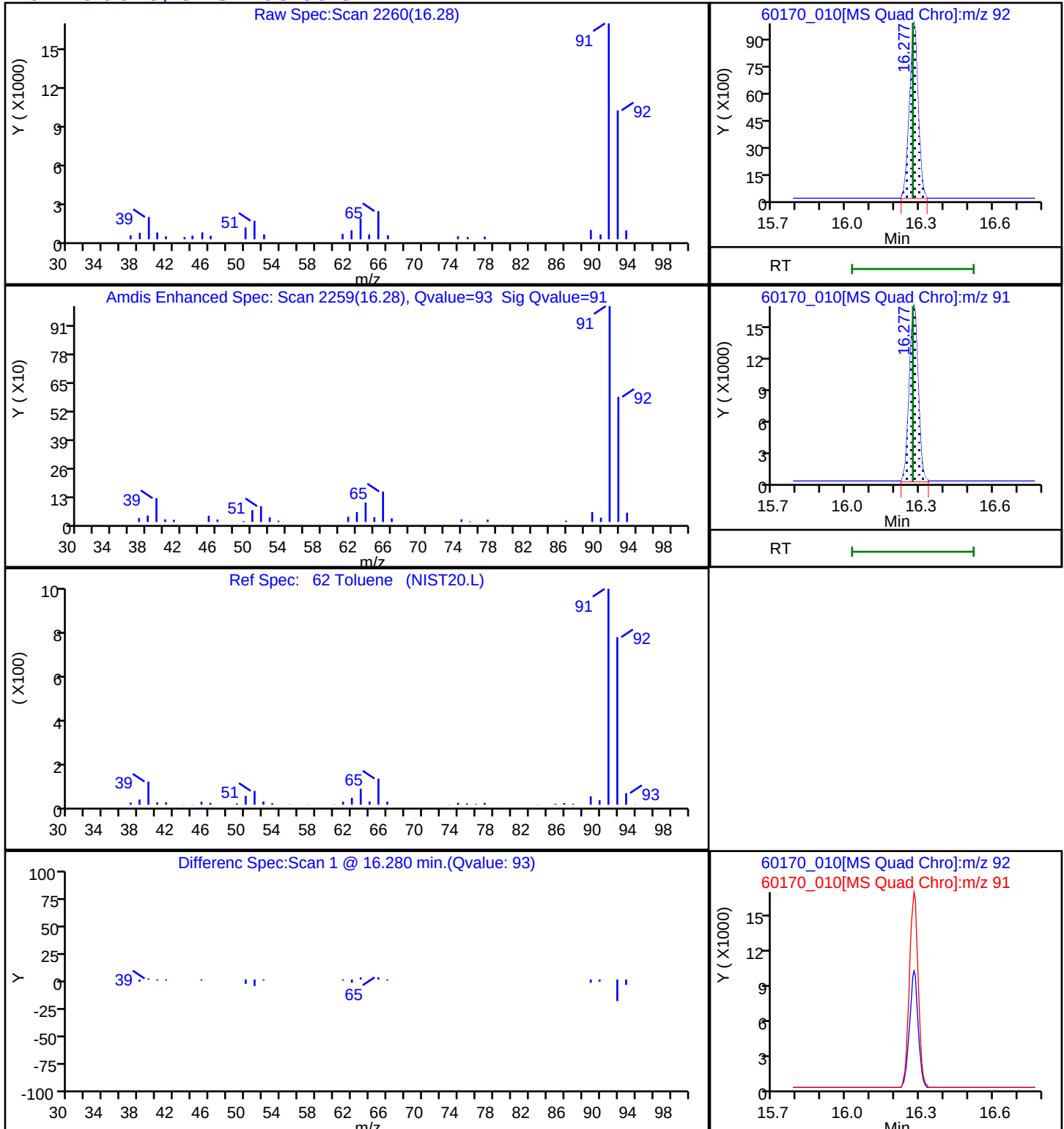
Dil. Factor: 5.0000

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\20240502-60170.b\60170_010.D

Injection Date: 02-May-2024 15:38:13

Instrument ID: CHAN.i

Lims ID: 200-73340-A-3

Lab Sample ID: 200-73340-3

Client ID: SVE-EFF_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 10

Purge Vol: 200.000 mL

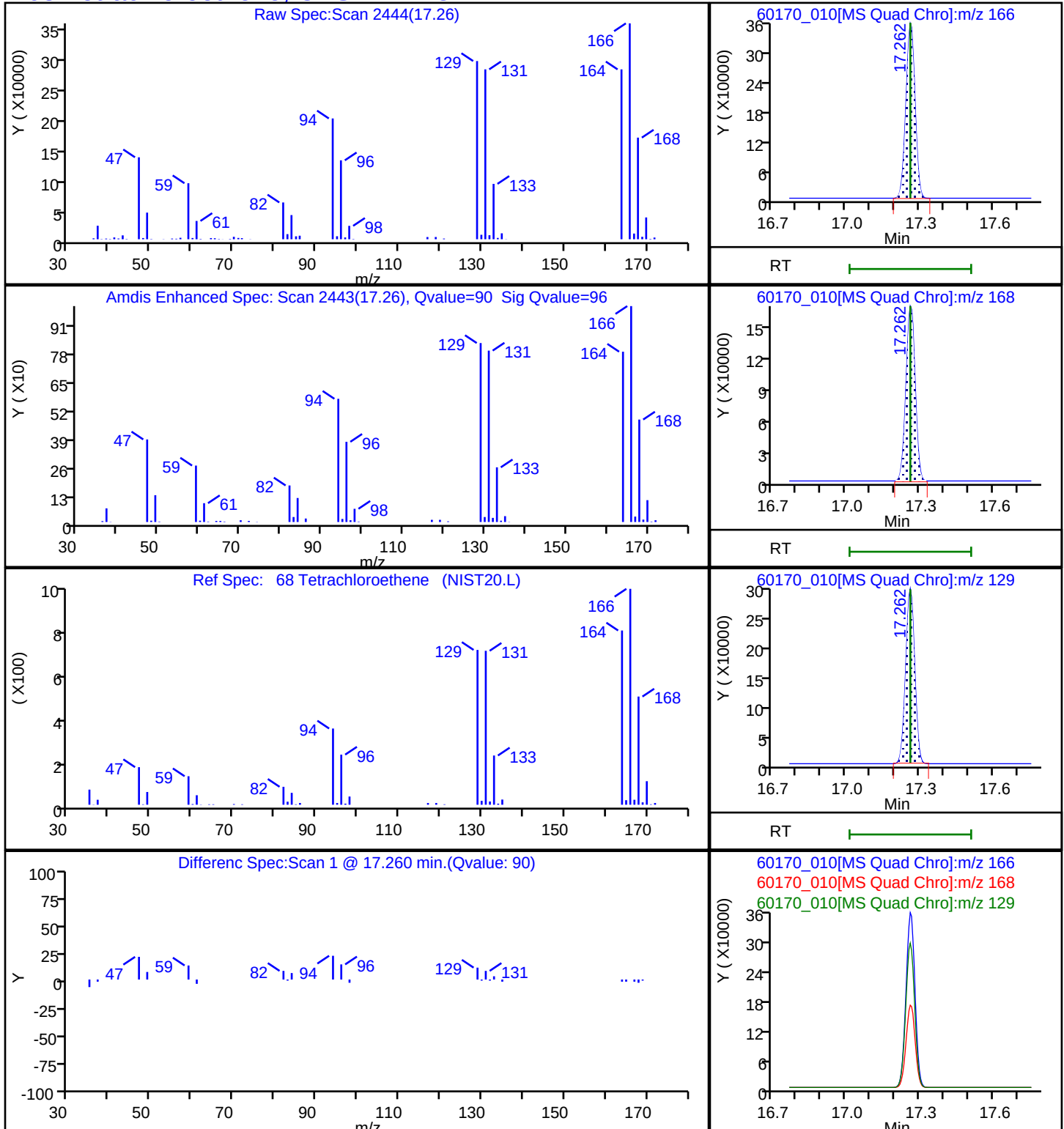
Dil. Factor: 5.0000

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\20240502-60170.b\60170_010.D

Injection Date: 02-May-2024 15:38:13

Instrument ID: CHAN.i

Lims ID: 200-73340-A-3

Lab Sample ID: 200-73340-3

Client ID: SVE-EFF_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 10

Purge Vol: 200.000 mL

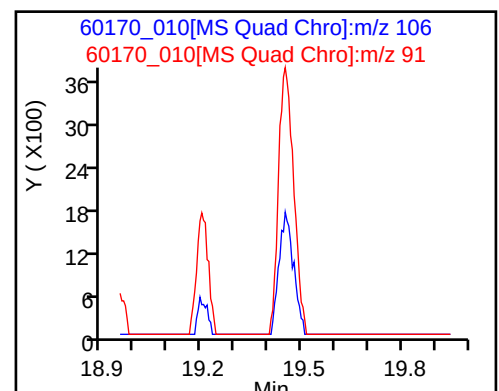
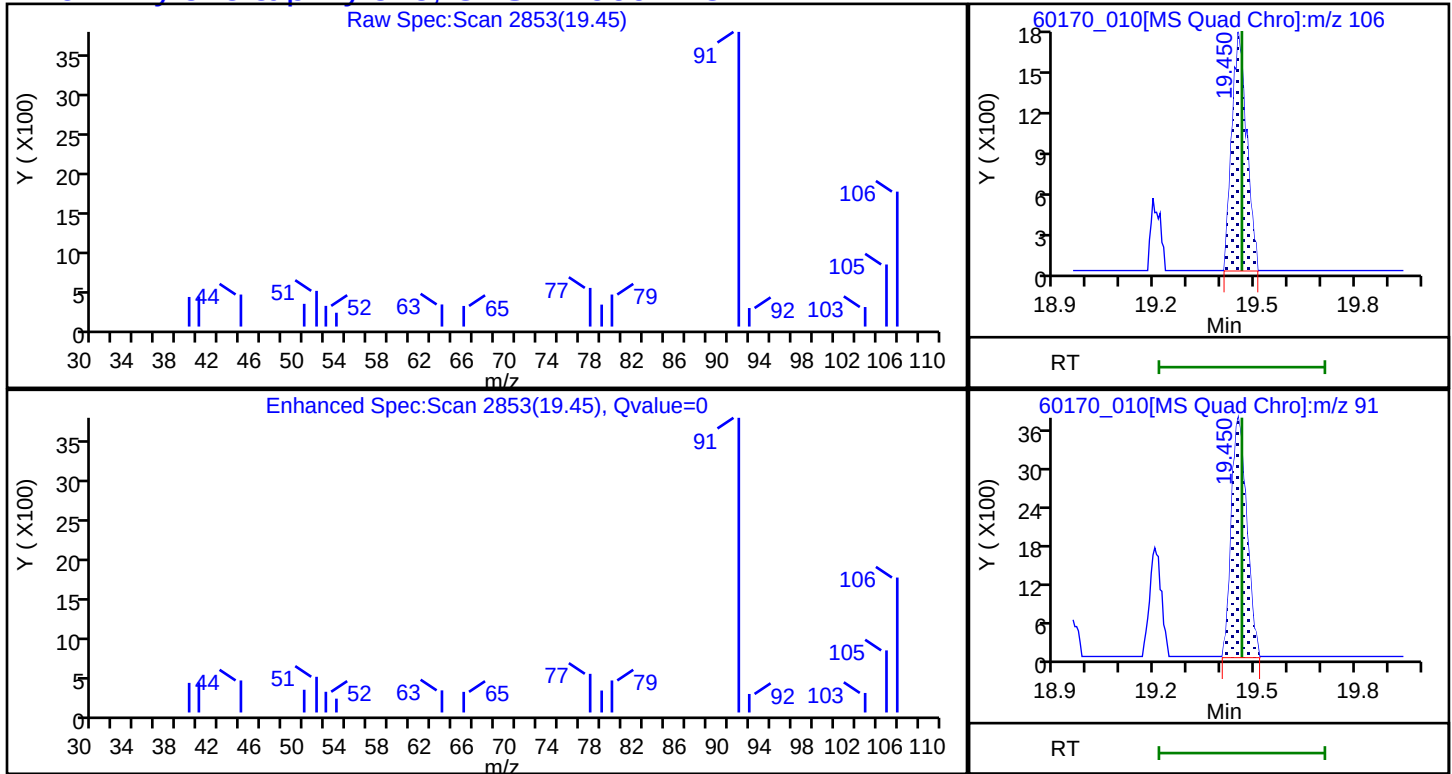
Dil. Factor: 5.0000

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\20240502-60170.b\60170_010.D

Injection Date: 02-May-2024 15:38:13

Instrument ID: CHAN.i

Lims ID: 200-73340-A-3

Lab Sample ID: 200-73340-3

Client ID: SVE-EFF_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 10

Purge Vol: 200.000 mL

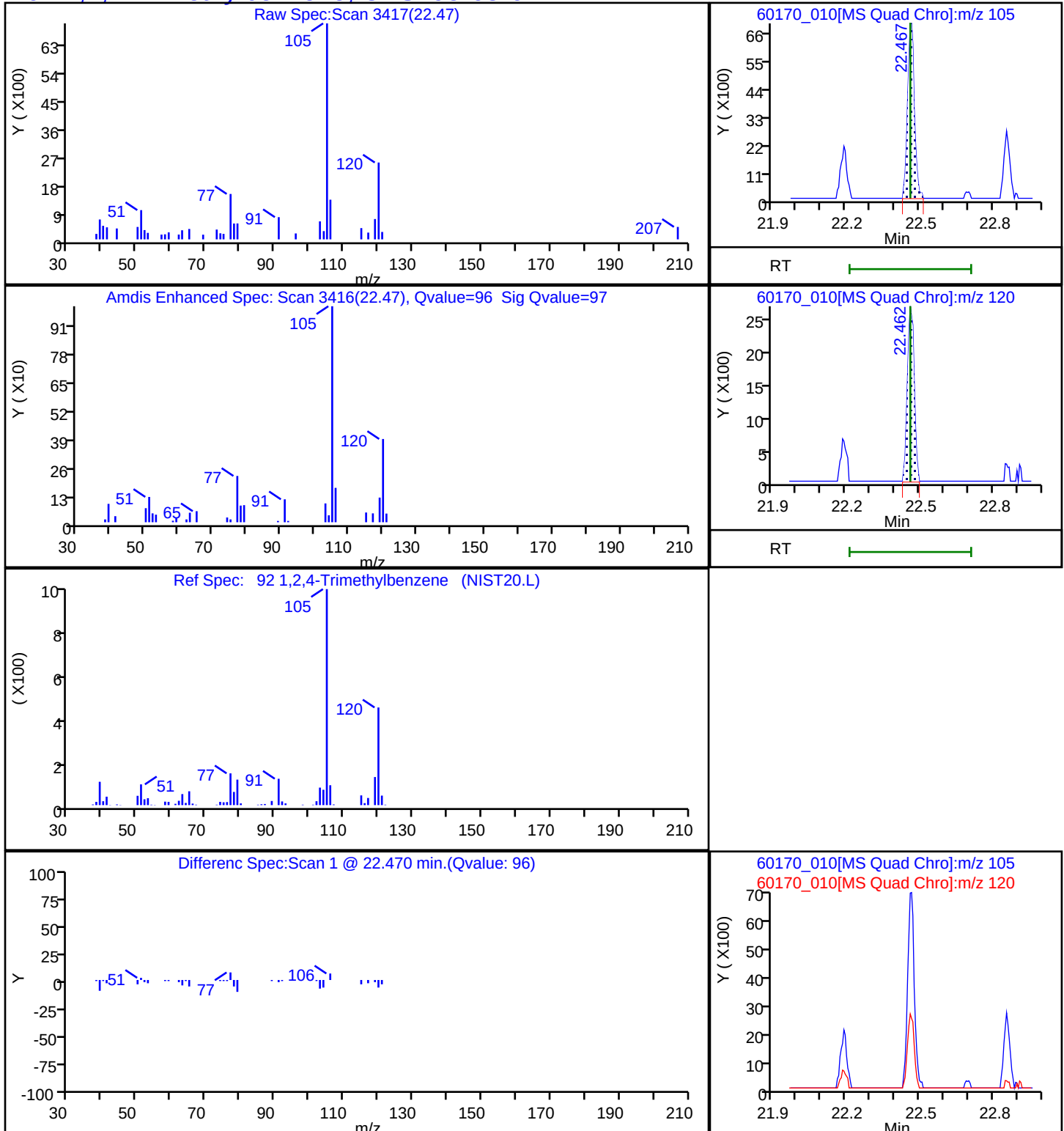
Dil. Factor: 5.0000

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

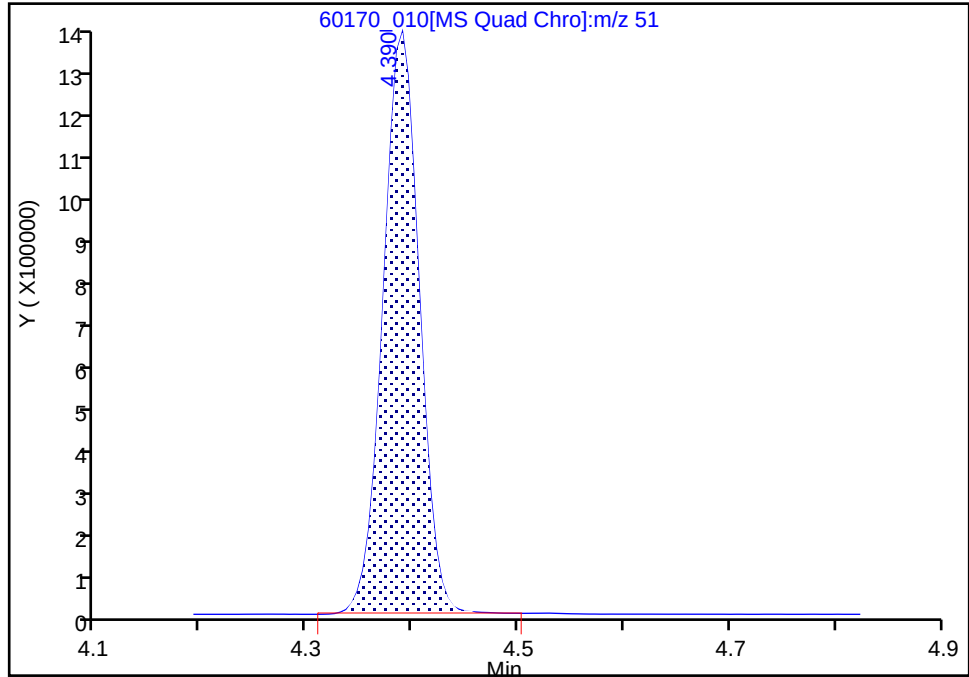
Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_010.D
Injection Date: 02-May-2024 15:38:13 Instrument ID: CHAN.i
Lims ID: 200-73340-A-3 Lab Sample ID: 200-73340-3
Client ID: SVE-EFF_20240430
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 5.0000
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

Signal: 1

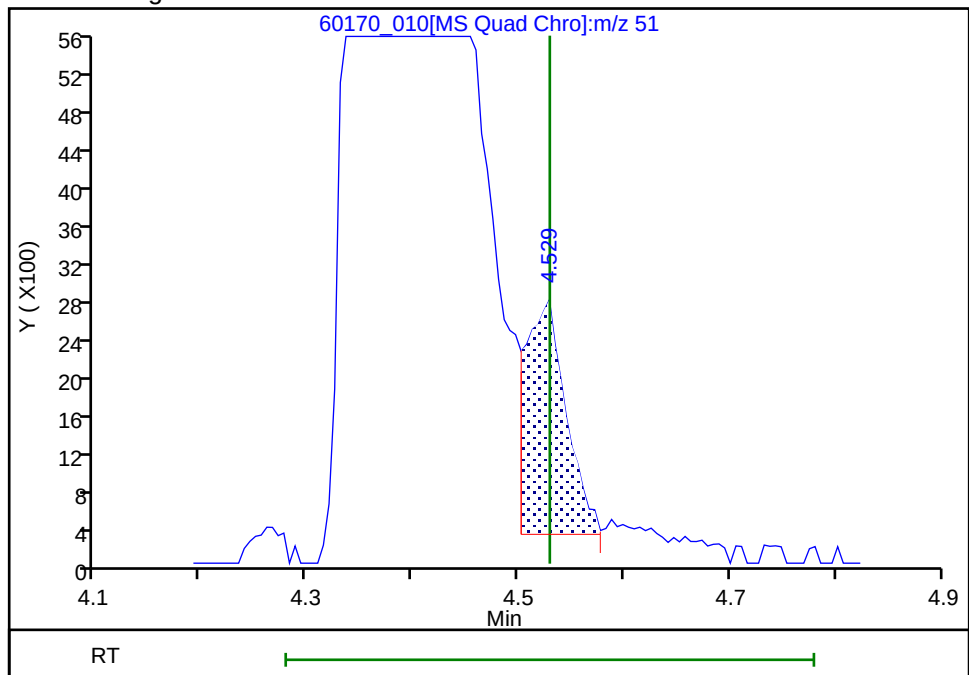
RT: 4.39
Area: 3271002
Amount: 50.896273
Amount Units: ppb v/v

Processing Integration Results



RT: 4.53
Area: 6660
Amount: 0.103629
Amount Units: ppb v/v

Manual Integration Results



Reviewer: F7XK, 03-May-2024 09:31:56 07:00:00 (UTC)

Audit Action: Manually Integrated

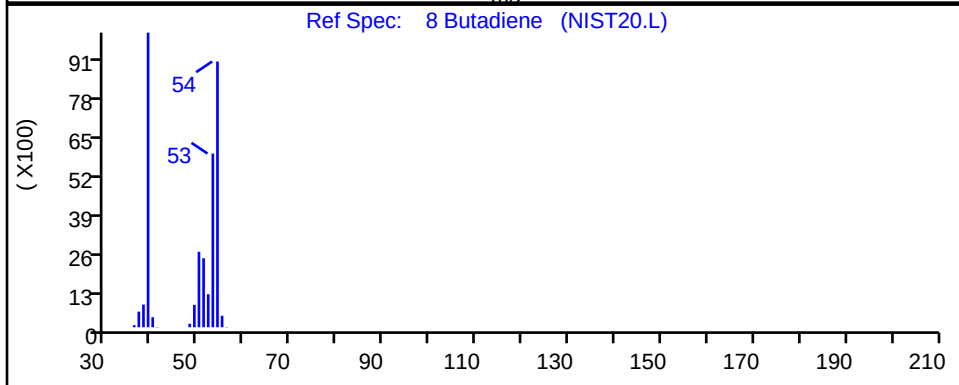
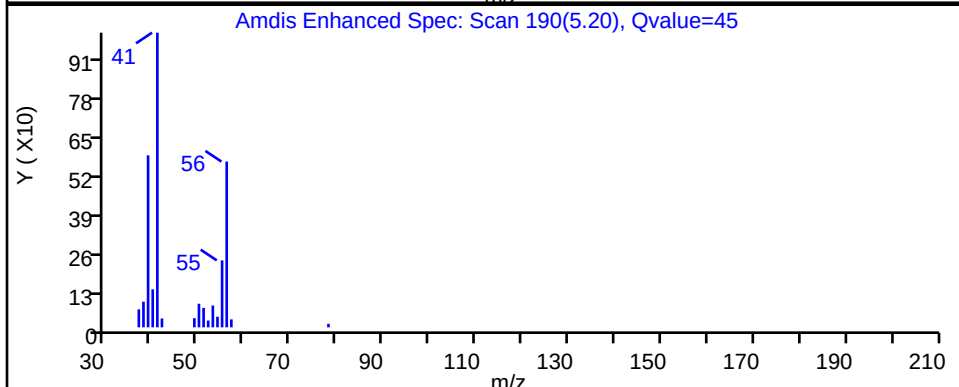
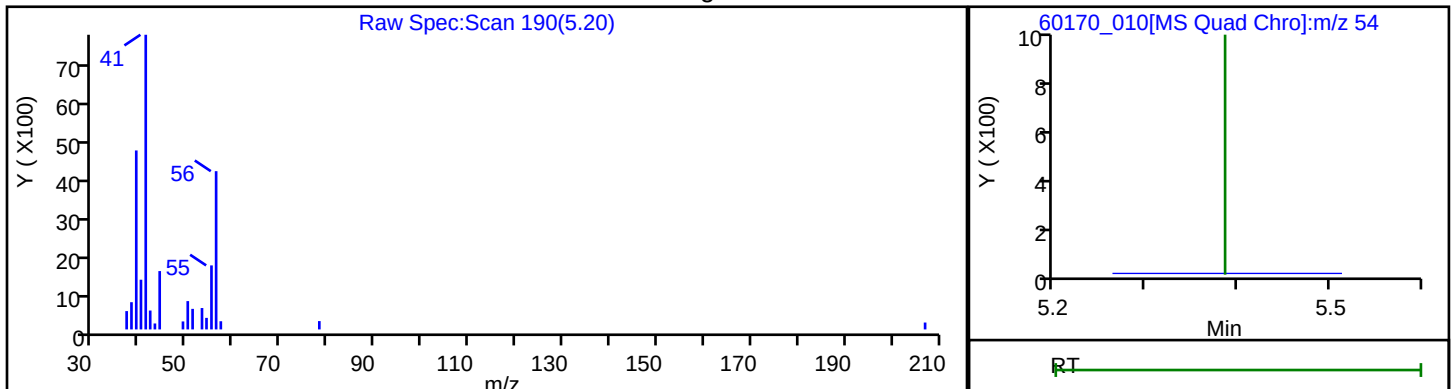
Audit Reason: Assign Peak

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_010.D
Injection Date: 02-May-2024 15:38:13 Instrument ID: CHAN.i
Lims ID: 200-73340-A-3 Lab Sample ID: 200-73340-3
Client ID: SVE-EFF_20240430
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 5.0000
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
5.20	54.00	503	0.018968

Reviewer: F7XK, 03-May-2024 09:24:59 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_010.D

Injection Date: 02-May-2024 15:38:13

Instrument ID: CHAN.i

Lims ID: 200-73340-A-3

Lab Sample ID: 200-73340-3

Client ID: SVE-EFF_20240430

Operator ID: wrd

ALS Bottle#:

0

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

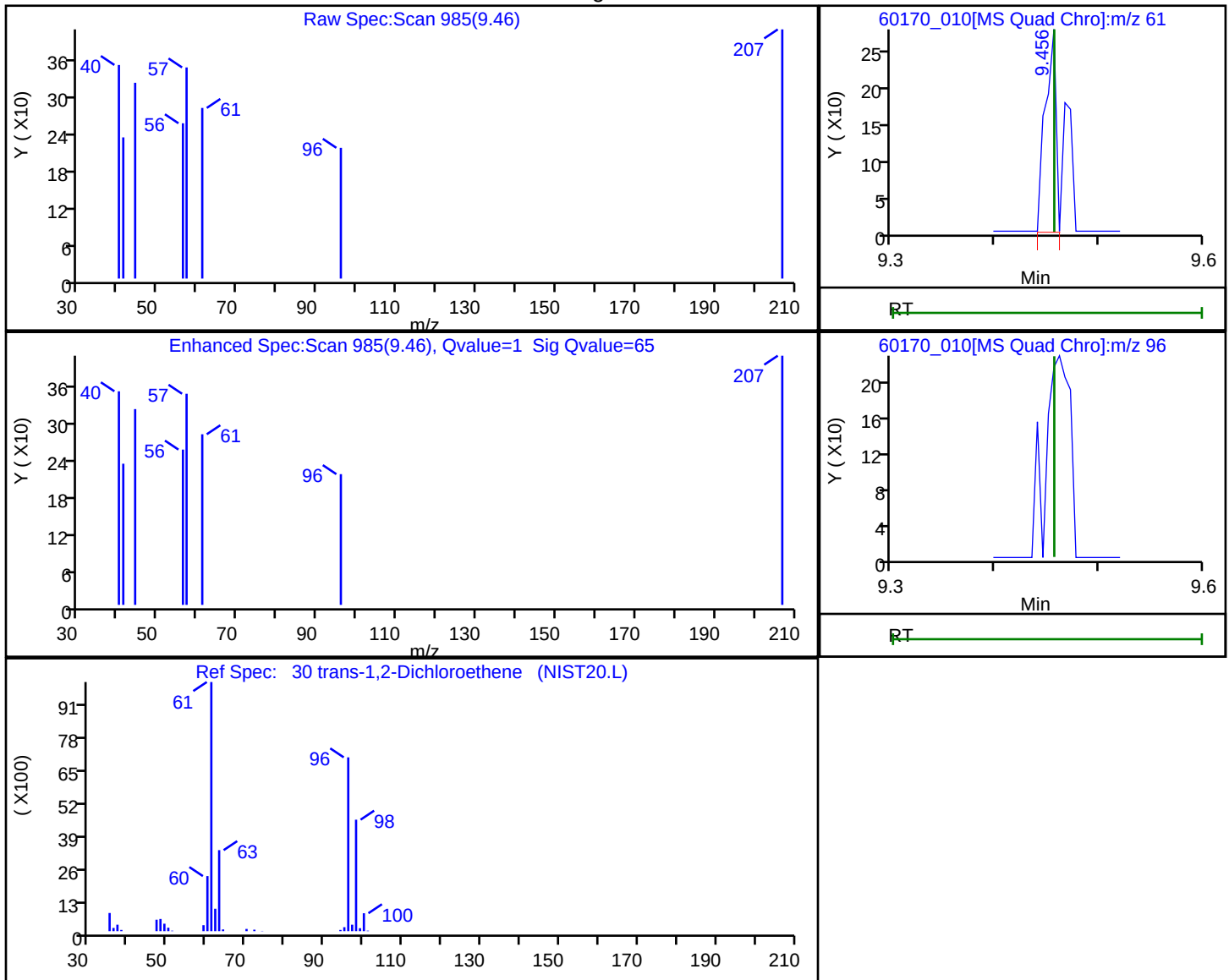
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

30 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
9.46	61.00	201	0.004197
9.46	96.00	0	

Reviewer: F7XK, 03-May-2024 09:25:49 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_010.D

Injection Date: 02-May-2024 15:38:13

Instrument ID: CHAN.i

Lims ID: 200-73340-A-3

Lab Sample ID: 200-73340-3

Client ID: SVE-EFF_20240430

Operator ID: wrd

ALS Bottle#:

0

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

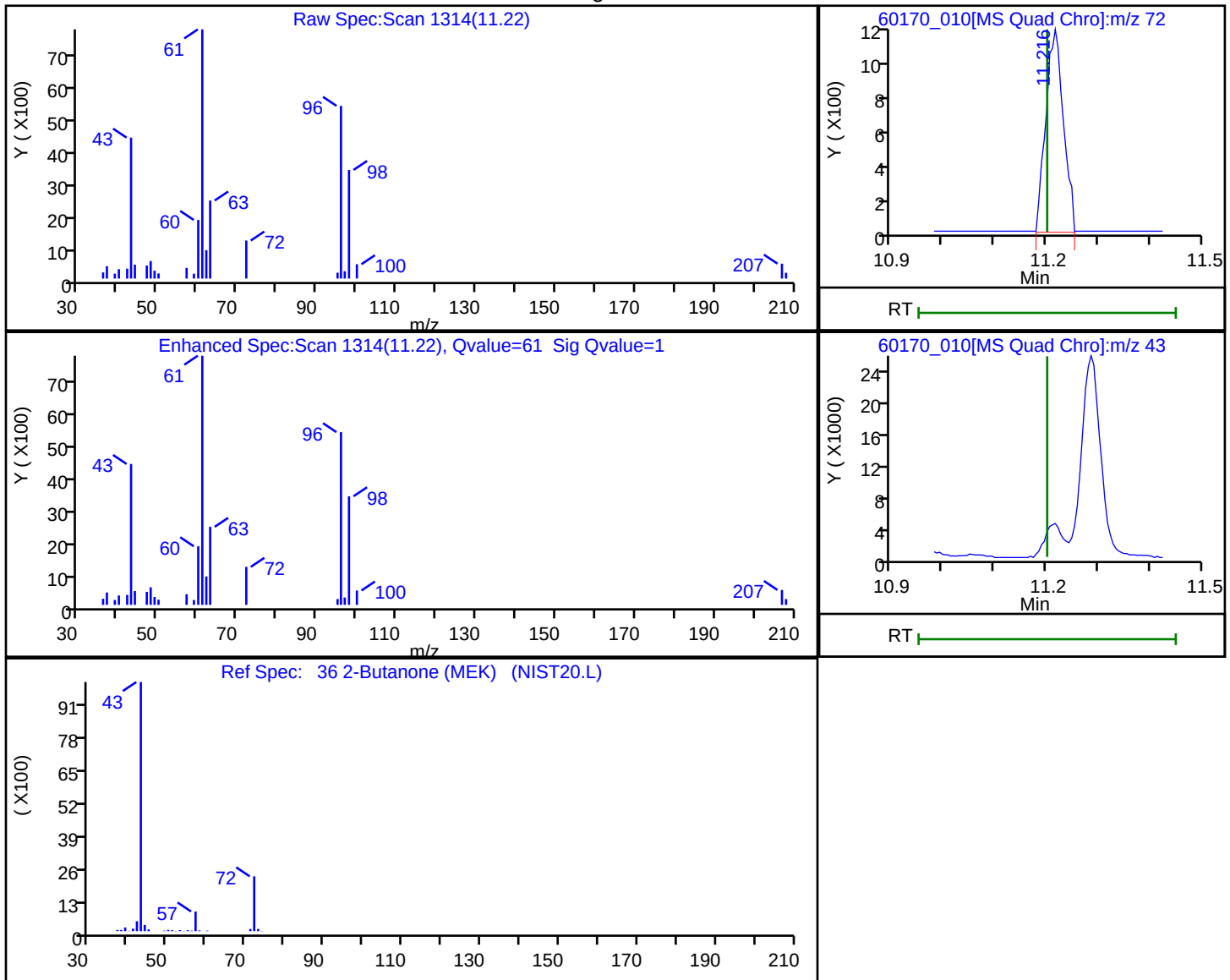
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

36 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
11.22	72.00	2777	0.190774
11.20	43.00	0	

Reviewer: F7XK, 03-May-2024 09:26:23 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

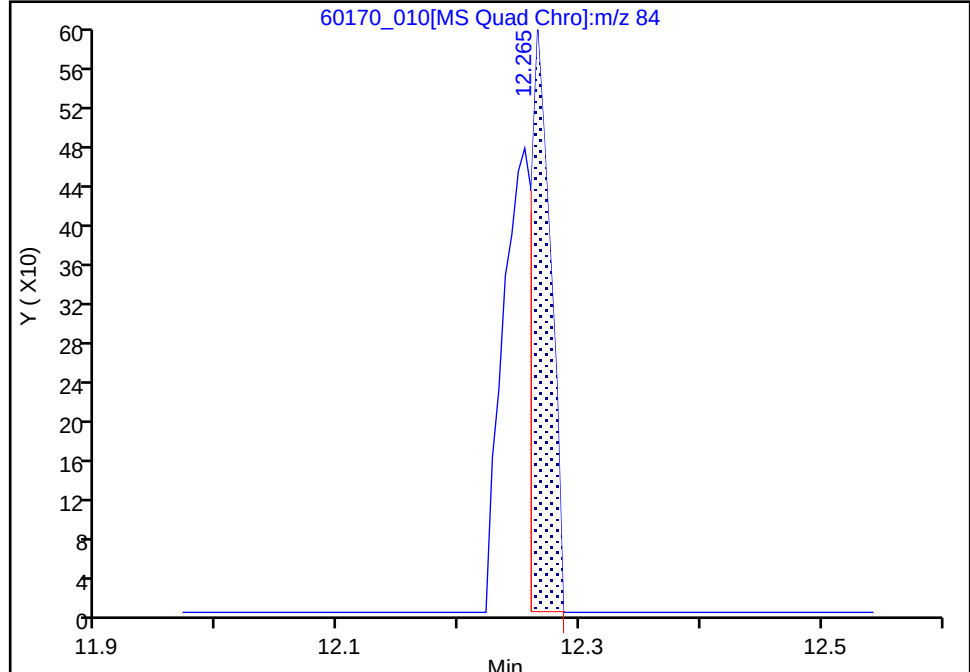
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_010.D				
Injection Date:	02-May-2024 15:38:13	Instrument ID:	CHAN.i		
Lims ID:	200-73340-A-3	Lab Sample ID:	200-73340-3		
Client ID:	SVE-EFF_20240430				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
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

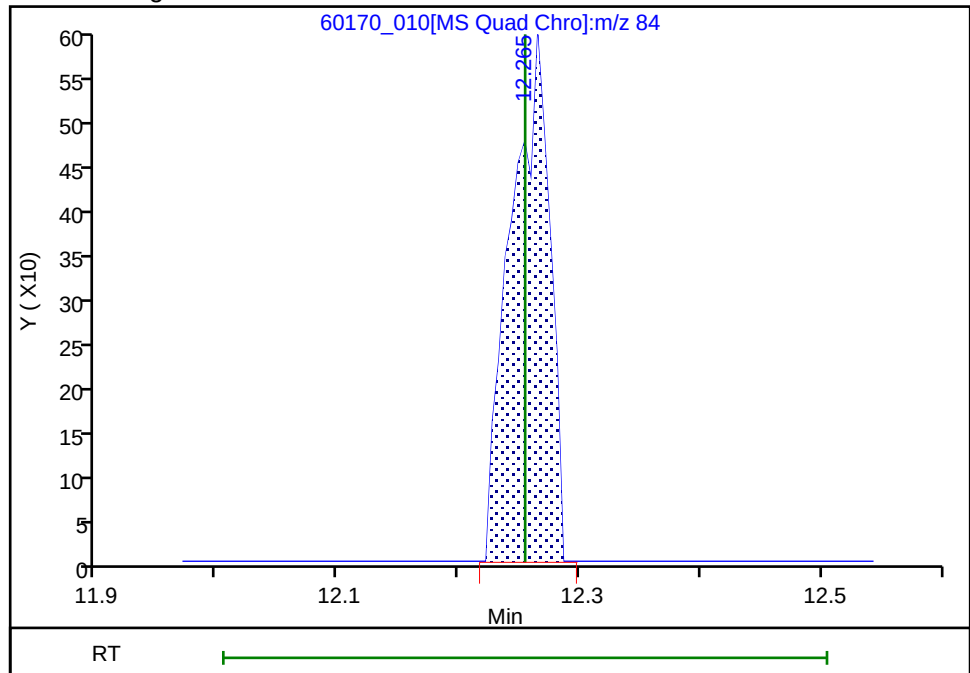
RT: 12.26
Area: 682
Amount: 0.019575
Amount Units: ppb v/v

Processing Integration Results



RT: 12.26
Area: 1343
Amount: 0.038547
Amount Units: ppb v/v

Manual Integration Results



Reviewer: F7XK, 03-May-2024 09:26:55 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

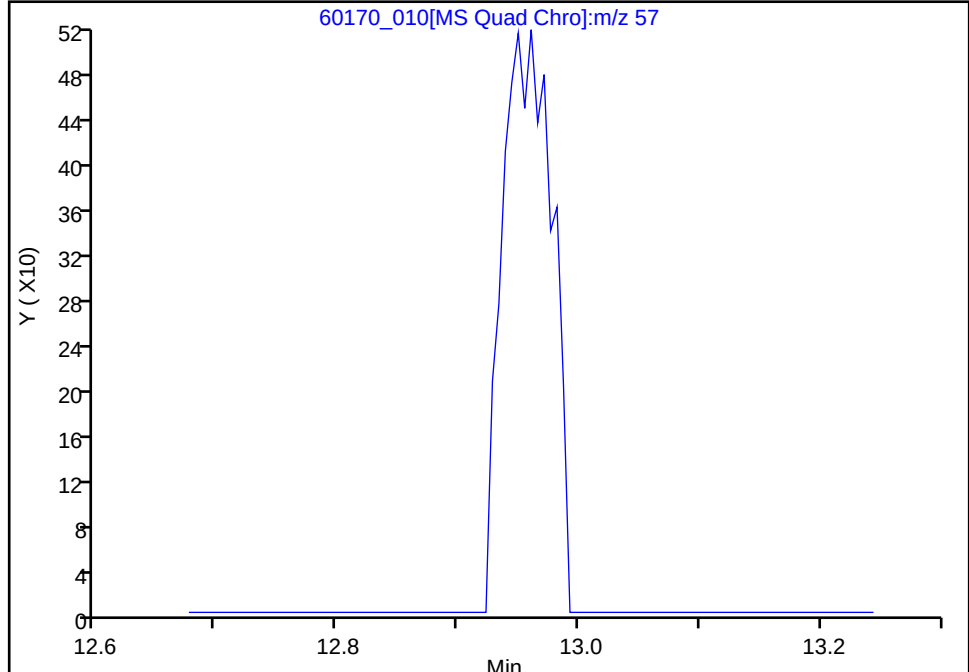
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_010.D				
Injection Date:	02-May-2024 15:38:13	Instrument ID:	CHAN.i		
Lims ID:	200-73340-A-3	Lab Sample ID:	200-73340-3		
Client ID:	SVE-EFF_20240430				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
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

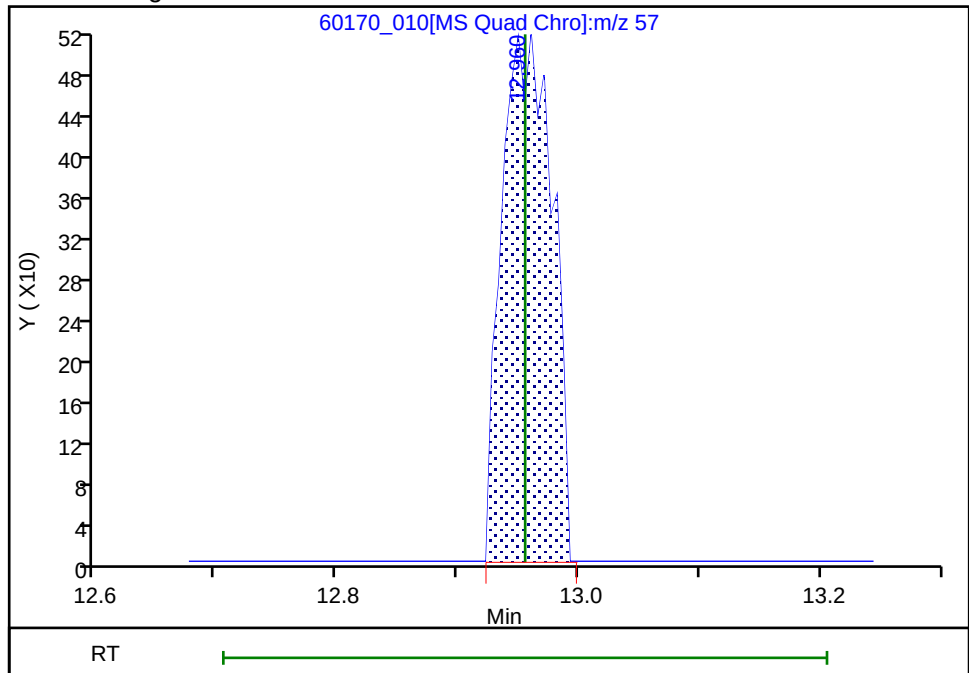
Signal: 1

Not Detected
Expected RT: 12.96

Processing Integration Results



Manual Integration Results



Reviewer: F7XK, 03-May-2024 09:27:24 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

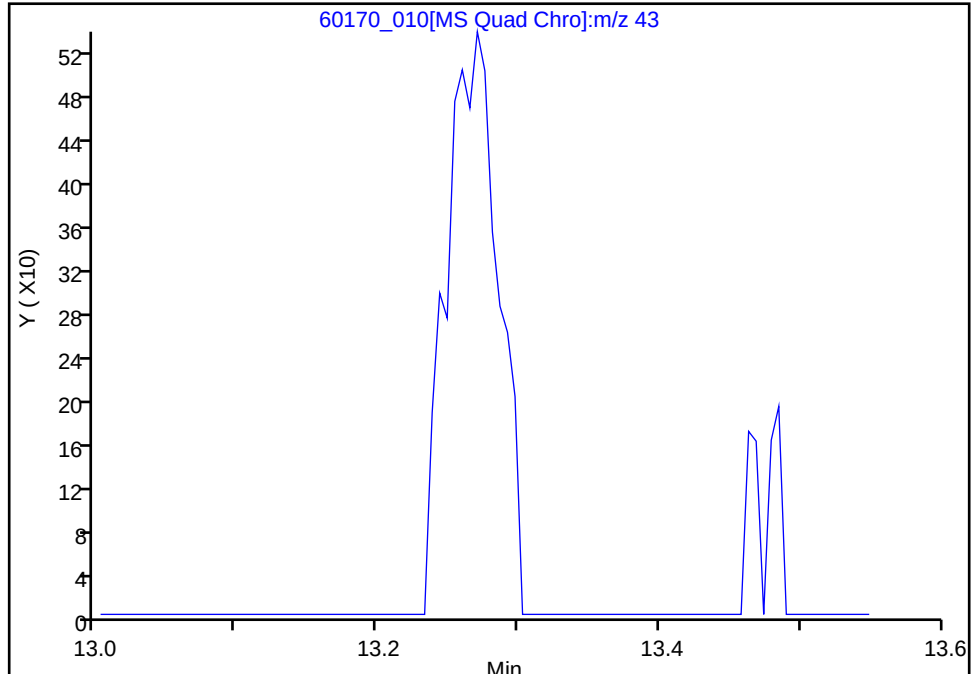
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_010.D				
Injection Date:	02-May-2024 15:38:13	Instrument ID:	CHAN.i		
Lims ID:	200-73340-A-3	Lab Sample ID:	200-73340-3		
Client ID:	SVE-EFF_20240430				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
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

Signal: 1

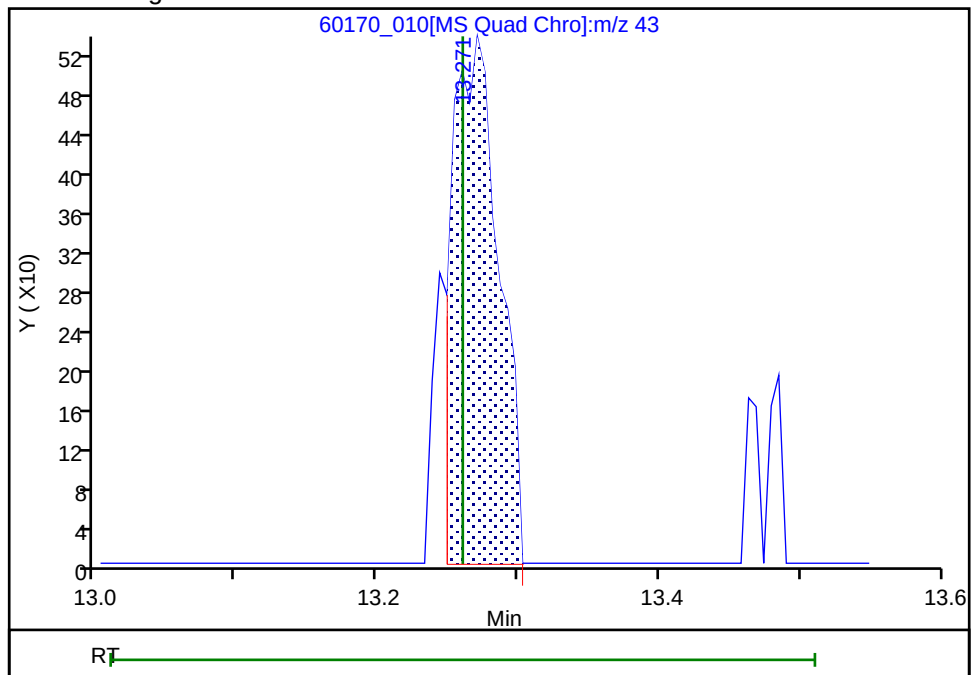
Not Detected
Expected RT: 13.26

Processing Integration Results



RT: 13.27
Area: 1231
Amount: 0.020678
Amount Units: ppb v/v

Manual Integration Results



Reviewer: F7XK, 03-May-2024 09:27:49 07:00:00 (UTC)

Audit Action: Manually Integrated

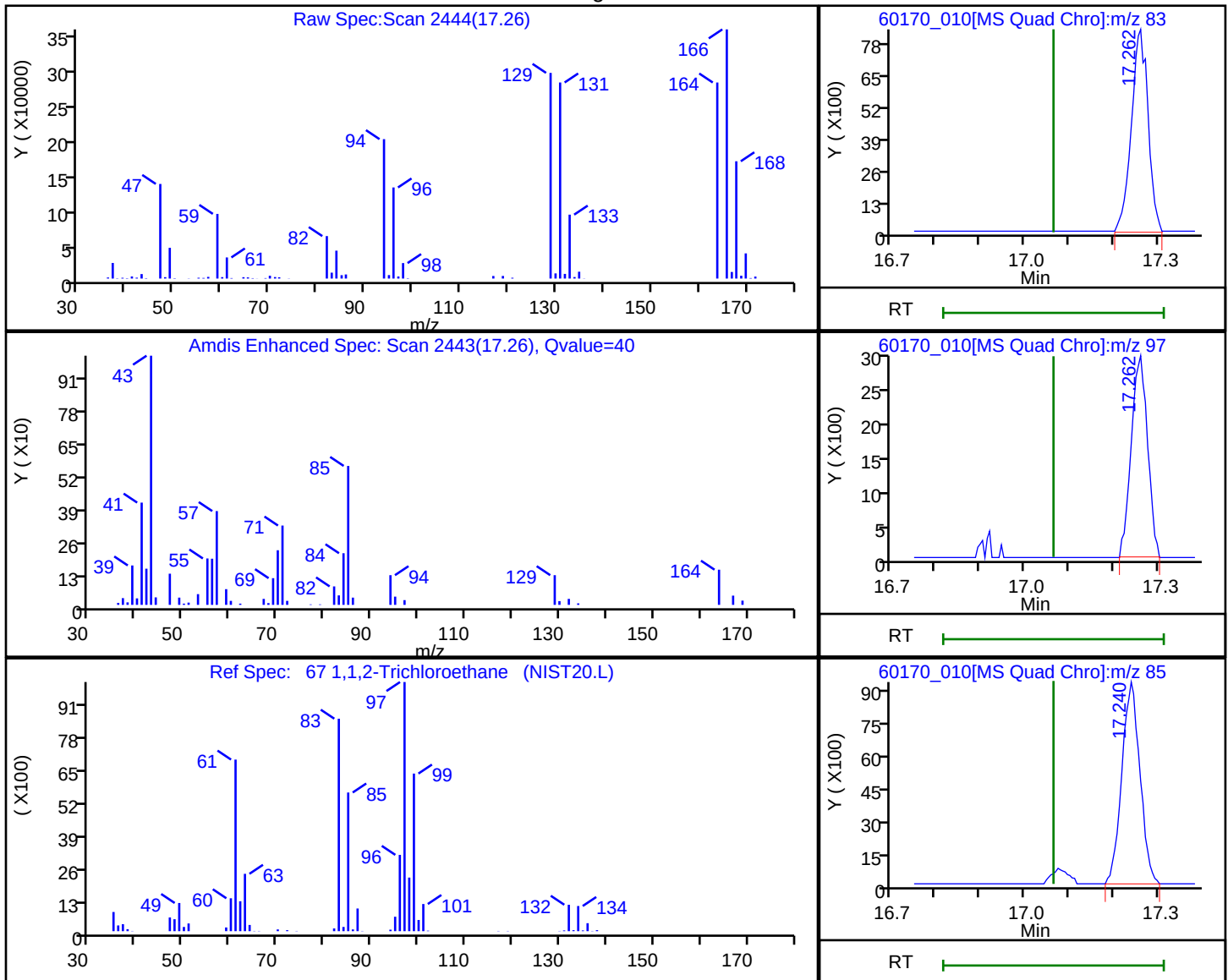
Audit Reason: Assign Peak

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_010.D
Injection Date: 02-May-2024 15:38:13 Instrument ID: CHAN.i
Lims ID: 200-73340-A-3 Lab Sample ID: 200-73340-3
Client ID: SVE-EFF_20240430
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 5.0000
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
17.26	83.00	21750	0.679190
17.26	97.00	7567	
17.24	85.00	26719	

Reviewer: F7XK, 03-May-2024 09:28:20 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_010.D

Injection Date: 02-May-2024 15:38:13

Instrument ID: CHAN.i

Lims ID: 200-73340-A-3

Lab Sample ID: 200-73340-3

Client ID: SVE-EFF_20240430

Operator ID: wrd

ALS Bottle#:

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

Method: TO15_TO3_Master_Method_AN

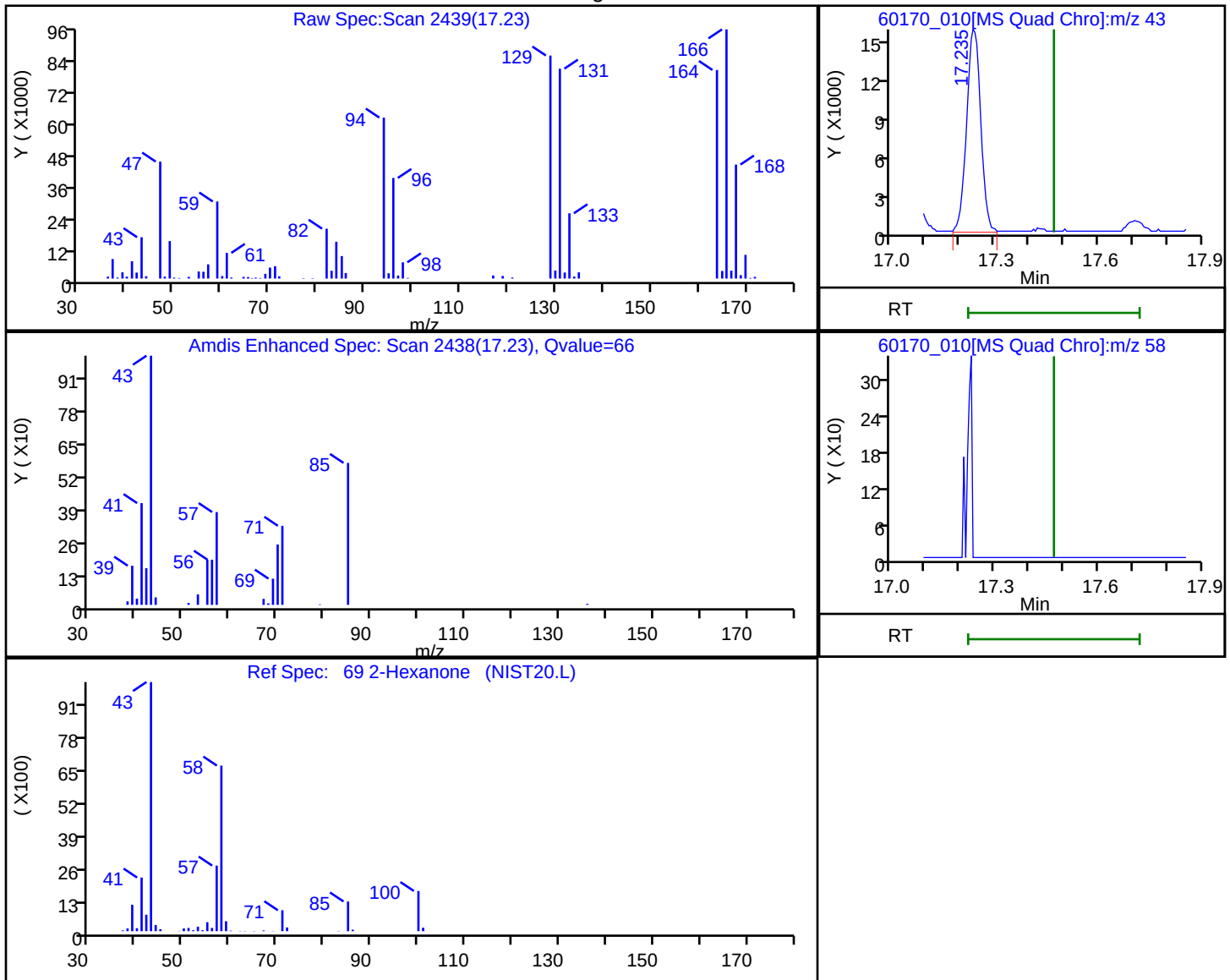
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
17.23	43.00	44957	0.664759
17.47	58.00	0	

Reviewer: F7XK, 03-May-2024 09:28:26 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

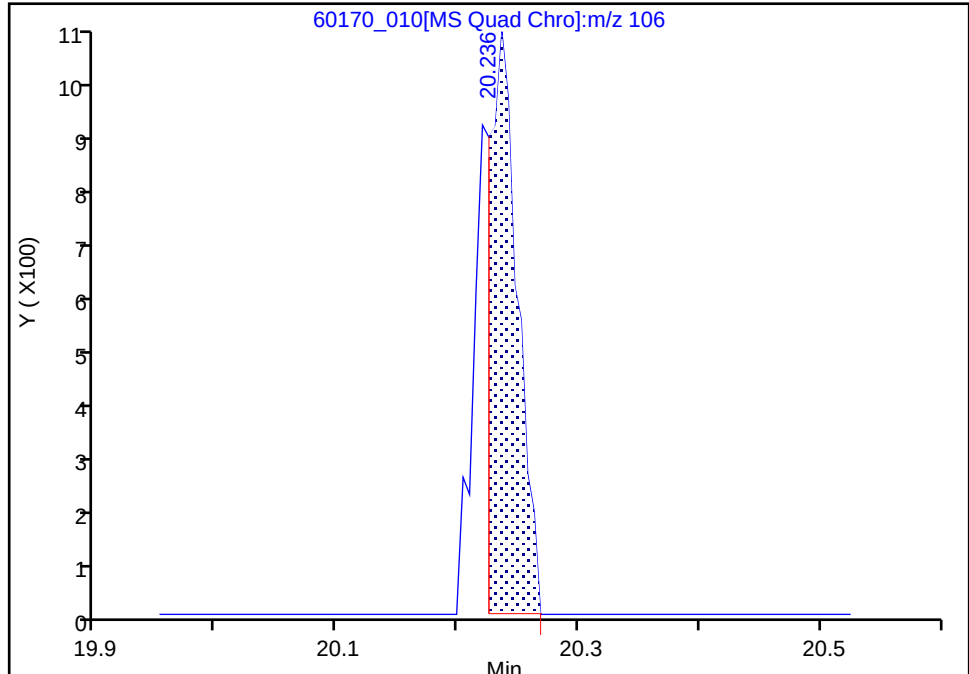
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_010.D				
Injection Date:	02-May-2024 15:38:13	Instrument ID:	CHAN.i		
Lims ID:	200-73340-A-3	Lab Sample ID:	200-73340-3		
Client ID:	SVE-EFF_20240430				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
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

Signal: 1

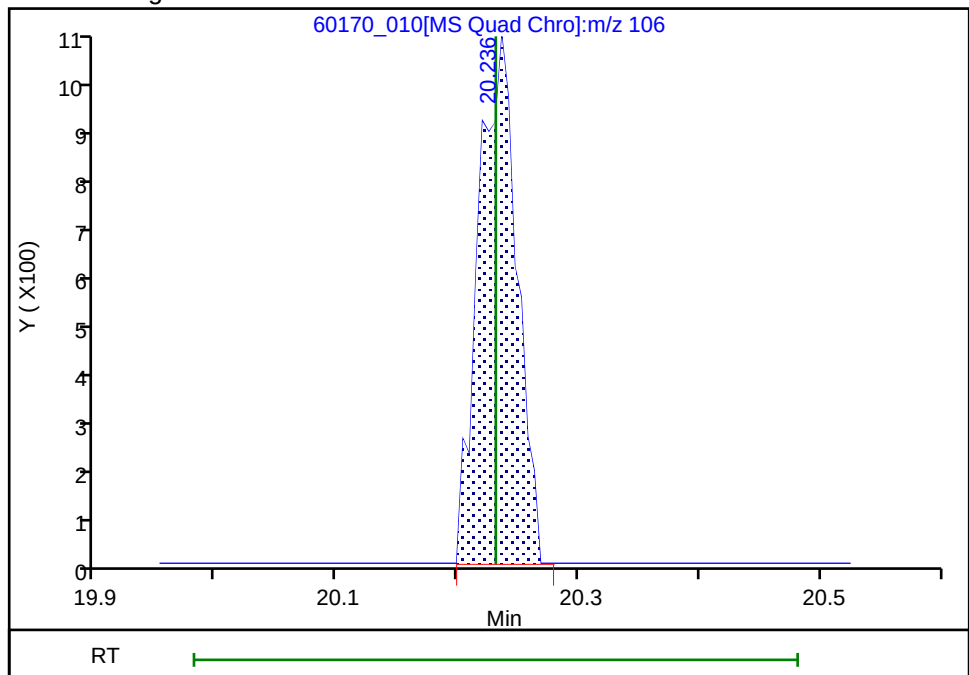
RT: 20.24
Area: 1701
Amount: 0.040398
Amount Units: ppb v/v

Processing Integration Results



RT: 20.24
Area: 2322
Amount: 0.055146
Amount Units: ppb v/v

Manual Integration Results



Reviewer: F7XK, 03-May-2024 09:28:54 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

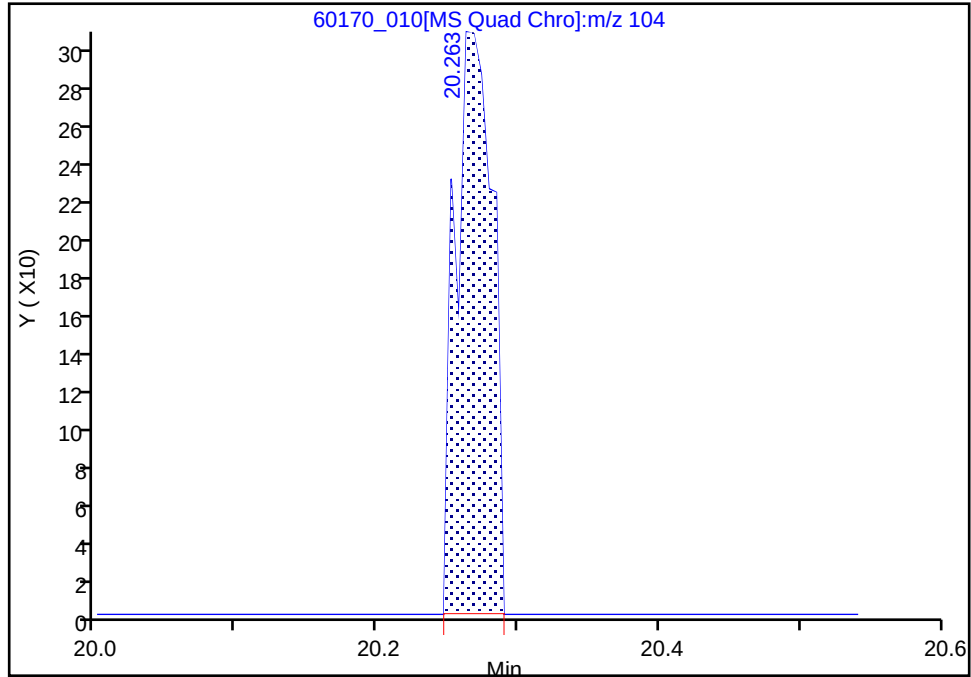
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_010.D				
Injection Date:	02-May-2024 15:38:13	Instrument ID:	CHAN.i		
Lims ID:	200-73340-A-3	Lab Sample ID:	200-73340-3		
Client ID:	SVE-EFF_20240430				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN		

79 Styrene, CAS: 100-42-5

Signal: 1

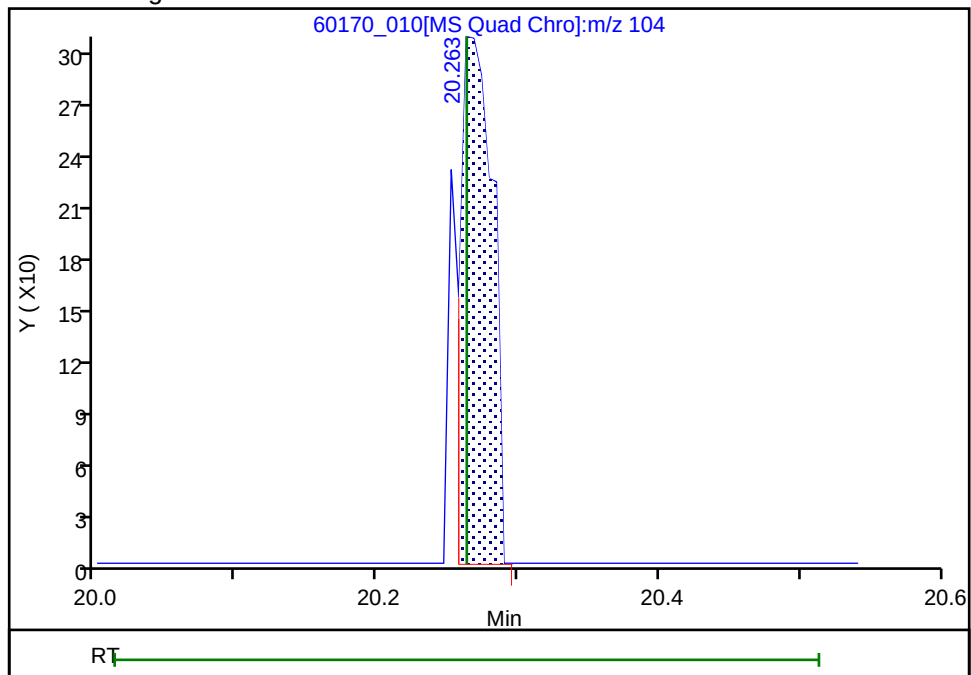
RT: 20.26
Area: 544
Amount: 0.008081
Amount Units: ppb v/v

Processing Integration Results



RT: 20.26
Area: 472
Amount: 0.007011
Amount Units: ppb v/v

Manual Integration Results



Reviewer: F7XK, 03-May-2024 09:29:24 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_010.D

Injection Date: 02-May-2024 15:38:13

Instrument ID: CHAN.i

Lims ID: 200-73340-A-3

Lab Sample ID: 200-73340-3

Client ID: SVE-EFF_20240430

Operator ID: wrd

ALS Bottle#:

0

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

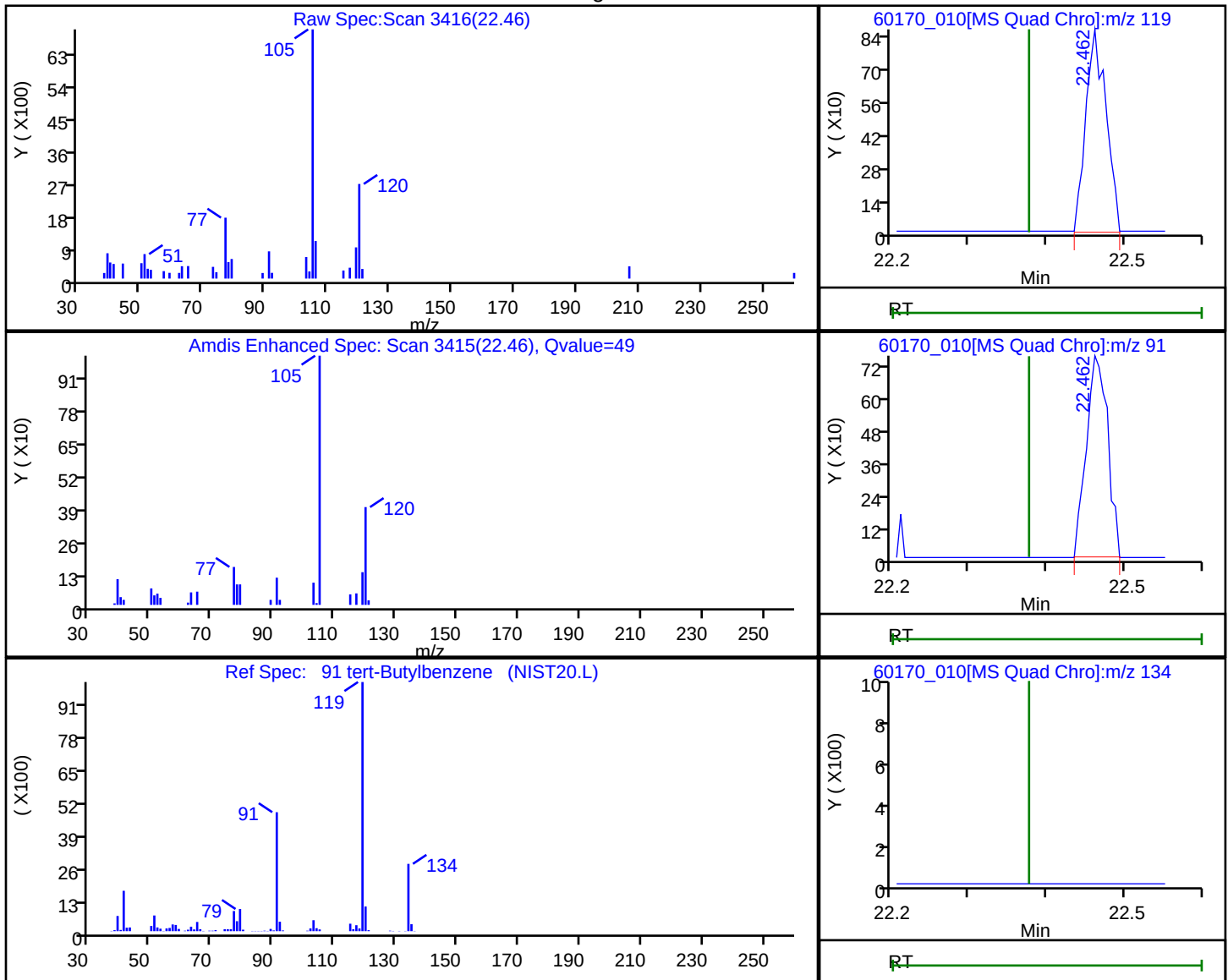
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

91 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
22.46	119.00	1580	0.016302
22.46	91.00	1456	
22.38	134.00	0	

Reviewer: F7XK, 03-May-2024 09:30:01 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_010.D

Injection Date: 02-May-2024 15:38:13

Instrument ID: CHAN.i

Lims ID: 200-73340-A-3

Lab Sample ID: 200-73340-3

Client ID: SVE-EFF_20240430

Operator ID: wrd

ALS Bottle#:

0

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

Method: TO15_TO3_Master_Method_AN

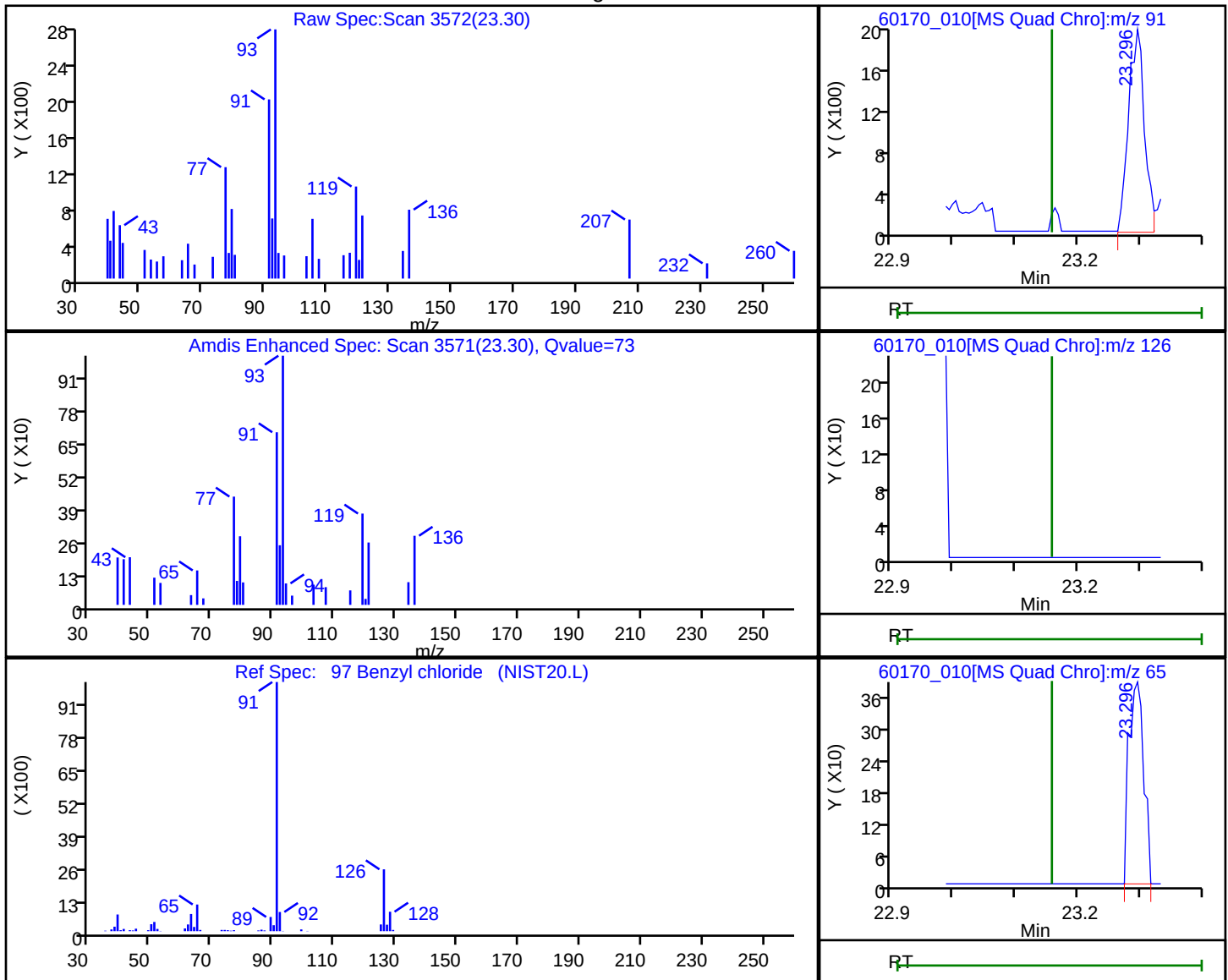
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

97 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
23.30	91.00	3547	0.035851
23.16	126.00	0	
23.30	65.00	641	

Reviewer: F7XK, 03-May-2024 09:30:22 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.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-X_20240430 Lab Sample ID: 200-73340-4

Matrix: Air Lab File ID: 60170_011.D

Analysis Method: TO-15 Date Collected: 04/30/2024 00:00

Sample wt/vol: 100 (mL) Date Analyzed: 05/02/2024 16:30

Soil Aliquot Vol: _____ Dilution Factor: 2

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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.40	J	1.0	0.22
75-45-6	Freon 22	86.47	0.49	J	1.0	0.24
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.40	U	0.40	0.096
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.30
106-97-8	n-Butane	58.12	2.1		1.0	0.40
75-01-4	Vinyl chloride	62.50	0.16	U	0.16	0.042
106-99-0	1,3-Butadiene	54.09	0.40	U	0.40	0.078
74-83-9	Bromomethane	94.94	0.40	U	0.40	0.14
75-00-3	Chloroethane	64.52	1.0	U	1.0	0.36
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.40	U	0.40	0.10
75-69-4	Trichlorofluoromethane	137.37	0.19	J	0.40	0.10
76-13-1	Freon TF	187.38	0.40	U	0.40	0.11
75-35-4	1,1-Dichloroethene	96.94	0.070	U	0.070	0.052
67-64-1	Acetone	58.08	20		10	3.2
67-63-0	Isopropyl alcohol	60.10	11		10	3.2
75-15-0	Carbon disulfide	76.14	0.70	J	1.0	0.26
107-05-1	3-Chloropropene	76.53	1.0	U	1.0	0.24
75-09-2	Methylene Chloride	84.93	1.0	U	1.0	0.36
75-65-0	tert-Butyl alcohol	74.12	10	U	10	2.4
1634-04-4	Methyl tert-butyl ether	88.15	0.40	U	0.40	0.072
156-60-5	trans-1,2-Dichloroethene	96.94	0.049	J	0.40	0.046
110-54-3	n-Hexane	86.17	0.30	J	1.0	0.22
75-34-3	1,1-Dichloroethane	98.96	0.40	U	0.40	0.050
78-93-3	Methyl Ethyl Ketone	72.11	1.0	U	1.0	0.98
156-59-2	cis-1,2-Dichloroethene	96.94	3.4		0.10	0.042
540-59-0	1,2-Dichloroethene, Total	96.94	3.4		0.80	0.042
67-66-3	Chloroform	119.38	0.53		0.40	0.082
109-99-9	Tetrahydrofuran	72.11	36		10	2.6
71-55-6	1,1,1-Trichloroethane	133.41	0.40	U	0.40	0.088
110-82-7	Cyclohexane	84.16	0.20	J	0.40	0.12
56-23-5	Carbon tetrachloride	153.81	0.070	U	0.070	0.044
540-84-1	2,2,4-Trimethylpentane	114.23	0.40	U	0.40	0.076

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-X_20240430 Lab Sample ID: 200-73340-4

Matrix: Air Lab File ID: 60170_011.D

Analysis Method: TO-15 Date Collected: 04/30/2024 00:00

Sample wt/vol: 100 (mL) Date Analyzed: 05/02/2024 16:30

Soil Aliquot Vol: _____ Dilution Factor: 2

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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	0.17	J	0.40	0.088
107-06-2	1,2-Dichloroethane	98.96	0.40	U	0.40	0.19
142-82-5	n-Heptane	100.21	0.40	U	0.40	0.11
79-01-6	Trichloroethene	131.39	1.1		0.070	0.050
80-62-6	Methyl methacrylate	100.12	1.0	U	1.0	0.28
78-87-5	1,2-Dichloropropane	112.99	0.40	U	0.40	0.19
123-91-1	1,4-Dioxane	88.11	10	U	10	0.16
75-27-4	Bromodichloromethane	163.83	0.40	U	0.40	0.10
10061-01-5	cis-1,3-Dichloropropene	110.97	0.40	U	0.40	0.090
108-10-1	methyl isobutyl ketone	100.16	0.92	J	1.0	0.26
108-88-3	Toluene	92.14	1.4		0.40	0.12
10061-02-6	trans-1,3-Dichloropropene	110.97	0.40	U	0.40	0.11
79-00-5	1,1,2-Trichloroethane	133.41	0.40	U	0.40	0.15
127-18-4	Tetrachloroethene	165.83	29		0.40	0.042
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	1.0	U	1.0	0.30
124-48-1	Dibromochloromethane	208.28	0.40	U	0.40	0.13
106-93-4	1,2-Dibromoethane	187.87	0.40	U	0.40	0.084
108-90-7	Chlorobenzene	112.56	0.40	U	0.40	0.088
100-41-4	Ethylbenzene	106.17	0.40	U	0.40	0.14
179601-23-1	m,p-Xylene	106.17	0.23	J	1.0	0.19
95-47-6	Xylene, o-	106.17	0.40	U	0.40	0.13
1330-20-7	Xylene (total)	106.17	0.23	J	1.4	0.10
100-42-5	Styrene	104.15	0.40	U	0.40	0.12
75-25-2	Bromoform	252.75	0.40	U	0.40	0.24
98-82-8	Cumene	120.19	0.40	U	0.40	0.082
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.40	U	0.40	0.086
103-65-1	n-Propylbenzene	120.19	0.40	U	0.40	0.094
622-96-8	4-Ethyltoluene	120.20	0.40	U	0.40	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.40	U	0.40	0.094
95-49-8	2-Chlorotoluene	126.59	0.40	U	0.40	0.092
98-06-6	tert-Butylbenzene	134.22	0.40	U	0.40	0.094
95-63-6	1,2,4-Trimethylbenzene	120.20	0.23	J	0.40	0.16

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-X_20240430 Lab Sample ID: 200-73340-4
 Matrix: Air Lab File ID: 60170_011.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 00:00
 Sample wt/vol: 100 (mL) Date Analyzed: 05/02/2024 16:30
 Soil Aliquot Vol: _____ Dilution Factor: 2
 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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	0.40	U	0.40	0.090
99-87-6	4-Isopropyltoluene	134.22	0.40	U	0.40	0.12
541-73-1	1,3-Dichlorobenzene	147.00	0.40	U	0.40	0.15
106-46-7	1,4-Dichlorobenzene	147.00	0.40	U	0.40	0.18
100-44-7	Benzyl chloride	126.58	0.40	U	0.40	0.18
104-51-8	n-Butylbenzene	134.22	0.40	U	0.40	0.22
95-50-1	1,2-Dichlorobenzene	147.00	0.40	U	0.40	0.13
120-82-1	1,2,4-Trichlorobenzene	181.45	1.0	U	1.0	0.66
87-68-3	Hexachlorobutadiene	260.76	0.40	U **	0.40	0.22
91-20-3	Naphthalene	128.17	1.0	U	1.0	0.60

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-X_20240430 Lab Sample ID: 200-73340-4

Matrix: Air Lab File ID: 60170_011.D

Analysis Method: TO-15 Date Collected: 04/30/2024 00:00

Sample wt/vol: 100 (mL) Date Analyzed: 05/02/2024 16:30

Soil Aliquot Vol: _____ Dilution Factor: 2

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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.0	J	4.9	1.1
75-45-6	Freon 22	86.47	1.7	J	3.5	0.85
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	2.8	U	2.8	0.67
74-87-3	Chloromethane	50.49	2.1	U	2.1	0.62
106-97-8	n-Butane	58.12	5.1		2.4	0.95
75-01-4	Vinyl chloride	62.50	0.40	U	0.40	0.11
106-99-0	1,3-Butadiene	54.09	0.88	U	0.88	0.17
74-83-9	Bromomethane	94.94	1.6	U	1.6	0.55
75-00-3	Chloroethane	64.52	2.6	U	2.6	0.95
593-60-2	Bromoethene (Vinyl Bromide)	106.96	1.7	U	1.7	0.44
75-69-4	Trichlorofluoromethane	137.37	1.1	J	2.2	0.56
76-13-1	Freon TF	187.38	3.1	U	3.1	0.81
75-35-4	1,1-Dichloroethene	96.94	0.28	U	0.28	0.21
67-64-1	Acetone	58.08	48		24	7.6
67-63-0	Isopropyl alcohol	60.10	27		25	7.9
75-15-0	Carbon disulfide	76.14	2.2	J	3.1	0.81
107-05-1	3-Chloropropene	76.53	3.1	U	3.1	0.75
75-09-2	Methylene Chloride	84.93	3.5	U	3.5	1.3
75-65-0	tert-Butyl alcohol	74.12	30	U	30	7.3
1634-04-4	Methyl tert-butyl ether	88.15	1.4	U	1.4	0.26
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	J	1.6	0.18
110-54-3	n-Hexane	86.17	1.1	J	3.5	0.78
75-34-3	1,1-Dichloroethane	98.96	1.6	U	1.6	0.20
78-93-3	Methyl Ethyl Ketone	72.11	2.9	U	2.9	2.9
156-59-2	cis-1,2-Dichloroethene	96.94	13		0.40	0.17
540-59-0	1,2-Dichloroethene, Total	96.94	14		3.2	0.17
67-66-3	Chloroform	119.38	2.6		2.0	0.40
109-99-9	Tetrahydrofuran	72.11	100		29	7.7
71-55-6	1,1,1-Trichloroethane	133.41	2.2	U	2.2	0.48
110-82-7	Cyclohexane	84.16	0.68	J	1.4	0.40
56-23-5	Carbon tetrachloride	153.81	0.44	U	0.44	0.28
540-84-1	2,2,4-Trimethylpentane	114.23	1.9	U	1.9	0.36

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-X_20240430 Lab Sample ID: 200-73340-4

Matrix: Air Lab File ID: 60170_011.D

Analysis Method: TO-15 Date Collected: 04/30/2024 00:00

Sample wt/vol: 100(mL) Date Analyzed: 05/02/2024 16:30

Soil Aliquot Vol: _____ Dilution Factor: 2

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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	0.56	J	1.3	0.28
107-06-2	1,2-Dichloroethane	98.96	1.6	U	1.6	0.75
142-82-5	n-Heptane	100.21	1.6	U	1.6	0.45
79-01-6	Trichloroethene	131.39	6.0		0.38	0.27
80-62-6	Methyl methacrylate	100.12	4.1	U	4.1	1.1
78-87-5	1,2-Dichloropropane	112.99	1.8	U	1.8	0.87
123-91-1	1,4-Dioxane	88.11	36	U	36	0.59
75-27-4	Bromodichloromethane	163.83	2.7	U	2.7	0.67
10061-01-5	cis-1,3-Dichloropropene	110.97	1.8	U	1.8	0.41
108-10-1	methyl isobutyl ketone	100.16	3.8	J	4.1	1.1
108-88-3	Toluene	92.14	5.5		1.5	0.47
10061-02-6	trans-1,3-Dichloropropene	110.97	1.8	U	1.8	0.49
79-00-5	1,1,2-Trichloroethane	133.41	2.2	U	2.2	0.81
127-18-4	Tetrachloroethene	165.83	200		2.7	0.28
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	4.1	U	4.1	1.2
124-48-1	Dibromochloromethane	208.28	3.4	U	3.4	1.1
106-93-4	1,2-Dibromoethane	187.87	3.1	U	3.1	0.65
108-90-7	Chlorobenzene	112.56	1.8	U	1.8	0.41
100-41-4	Ethylbenzene	106.17	1.7	U	1.7	0.60
179601-23-1	m,p-Xylene	106.17	1.0	J	4.3	0.83
95-47-6	Xylene, o-	106.17	1.7	U	1.7	0.55
1330-20-7	Xylene (total)	106.17	1.0	J	6.1	0.45
100-42-5	Styrene	104.15	1.7	U	1.7	0.50
75-25-2	Bromoform	252.75	4.1	U	4.1	2.5
98-82-8	Cumene	120.19	2.0	U	2.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.7	U	2.7	0.59
103-65-1	n-Propylbenzene	120.19	2.0	U	2.0	0.46
622-96-8	4-Ethyltoluene	120.20	2.0	U	2.0	0.48
108-67-8	1,3,5-Trimethylbenzene	120.20	2.0	U	2.0	0.46
95-49-8	2-Chlorotoluene	126.59	2.1	U	2.1	0.48
98-06-6	tert-Butylbenzene	134.22	2.2	U	2.2	0.52
95-63-6	1,2,4-Trimethylbenzene	120.20	1.1	J	2.0	0.79

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
SDG No.: _____
Client Sample ID: SVE-X_20240430 Lab Sample ID: 200-73340-4
Matrix: Air Lab File ID: 60170_011.D
Analysis Method: TO-15 Date Collected: 04/30/2024 00:00
Sample wt/vol: 100 (mL) Date Analyzed: 05/02/2024 16:30
Soil Aliquot Vol: _____ Dilution Factor: 2
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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	2.2	U	2.2	0.49
99-87-6	4-Isopropyltoluene	134.22	2.2	U	2.2	0.67
541-73-1	1,3-Dichlorobenzene	147.00	2.4	U	2.4	0.89
106-46-7	1,4-Dichlorobenzene	147.00	2.4	U	2.4	1.1
100-44-7	Benzyl chloride	126.58	2.1	U	2.1	0.91
104-51-8	n-Butylbenzene	134.22	2.2	U	2.2	1.2
95-50-1	1,2-Dichlorobenzene	147.00	2.4	U	2.4	0.79
120-82-1	1,2,4-Trichlorobenzene	181.45	7.4	U	7.4	4.9
87-68-3	Hexachlorobutadiene	260.76	4.3	U **	4.3	2.3
91-20-3	Naphthalene	128.17	5.2	U	5.2	3.1

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_011.D
 Lims ID: 200-73340-A-4
 Client ID: SVE-X_20240430
 Sample Type: Client
 Inject. Date: 02-May-2024 16:30:21 ALS Bottle#: 0 Worklist Smp#: 11
 Purge Vol: 200.000 mL Dil. Factor: 2.0000
 Sample Info: 200-0060170-011
 Misc. Info.: 73340-4
 Operator ID: wrd Instrument ID: CHAN.i
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 03-May-2024 09:38:46 Calib Date: 16-Apr-2024 00:40:13
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_014.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1653

First Level Reviewer: F7XK

Date: 03-May-2024 09:31:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.476	4.487	-0.011	99	16970	0.1977	
3 Chlorodifluoromethane	51	4.529	4.529	-0.001	97	15745	0.2459	M
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.856				ND	
5 Chloromethane	50	4.968	4.968	-0.006	44	2448	0.0624	M
6 Vinyl chloride	62		5.273				ND	
7 Butane	43	5.268	5.273	-0.005	100	57418	1.07	
8 Butadiene	54		5.385				ND	7
9 Bromomethane	94		6.108				ND	
10 Chloroethane	64		6.386				ND	
13 Vinyl bromide	106		6.809				ND	
14 Trichlorofluoromethane	101	6.980	6.974	0.011	95	6767	0.0958	
20 1,1-Dichloroethene	96		8.034				ND	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	8.071	8.075	0.000	76	2078	0.0357	
22 Acetone	43	8.119	8.114	0.005	99	541765	10.1	
23 Isopropyl alcohol	45	8.419	8.408	0.011	99	281942	5.40	
24 Carbon disulfide	76	8.435	8.435	0.000	100	30861	0.3509	
26 3-Chloro-1-propene	41		8.729				ND	7
27 Methylene Chloride	49	8.964	8.959	0.005	94	6102	0.1516	
28 2-Methyl-2-propanol	59	9.194	9.173	0.021	96	12124	0.1992	
30 trans-1,2-Dichloroethene	61	9.457	9.457	0.000	25	1175	0.0246	M
31 Methyl tert-butyl ether	73		9.462				ND	
32 Hexane	57	9.965	9.965	0.000	89	7324	0.1502	
S 35 1,2-Dichloroethene, Total	61				0		1.72	
33 1,1-Dichloroethane	63		10.227				ND	
36 2-Butanone (MEK)	72	11.217	11.217	0.016	36	3967	0.2736	M
37 cis-1,2-Dichloroethene	96	11.227	11.227	0.000	95	51162	1.69	
* 39 Chlorobromomethane	128	11.639	11.634	0.005	95	139395	10.0	
40 Tetrahydrofuran	42	11.677	11.671	0.006	90	595289	17.8	
41 Chloroform	83	11.816	11.816	0.000	97	16710	0.2654	
42 1,1,1-Trichloroethane	97		12.121				ND	
43 Cyclohexane	84	12.260	12.265	0.005	95	3408	0.0990	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
44 Carbon tetrachloride	117		12.394				ND	MU
45 Benzene	78	12.747	12.741	0.006	98	7555	0.0871	
46 1,2-Dichloroethane	62		12.822				ND	
47 Isooctane	57	12.966	12.966	0.011	37	1490	0.0101	7M
48 n-Heptane	43	13.260	13.260	0.000	70	2290	0.0389	M
* 49 1,4-Difluorobenzene	114	13.480	13.474	0.006	96	672268	10.0	
51 Trichloroethene	95	13.913	13.908	0.005	92	20345	0.5628	
53 1,2-Dichloropropane	63	14.378	14.378	0.010	1	494	0.0137	7M
54 Methyl methacrylate	69		14.448				ND	
55 1,4-Dioxane	88		14.491				ND	
58 Dichlorobromomethane	83		14.833				ND	
59 cis-1,3-Dichloropropene	75		15.636				ND	
61 4-Methyl-2-pentanone (MIBK)	43	15.903	15.898	0.005	98	33989	0.4580	
62 Toluene	92	16.278	16.272	0.006	93	40983	0.7235	
66 trans-1,3-Dichloropropene	75		16.690				ND	7
67 1,1,2-Trichloroethane	83		17.064				ND	MU
68 Tetrachloroethene	166	17.262	17.262	0.000	90	513448	14.6	
69 2-Hexanone	43		17.471				ND	MU
70 Chlorodibromomethane	129		17.797				ND	
71 Ethylene Dibromide	107		18.038				ND	
* 73 Chlorobenzene-d5	117	18.952	18.953	-0.001	90	604797	10.0	
74 Chlorobenzene	112		19.011				ND	7
75 Ethylbenzene	91	19.193	19.199	-0.006	34	4121	0.0326	
76 m-Xylene & p-Xylene	106	19.445	19.455	-0.016	0	5039	0.1146	
S 80 Xylenes, Total	106				0		0.1664	
78 o-Xylene	106	20.231	20.236	0.000	94	2190	0.0518	
79 Styrene	104	20.263	20.263	0.000	1	623	0.009210	
81 Bromoform	173		20.600				ND	
82 Isopropylbenzene	105		20.911				ND	7
83 1,1,2,2-Tetrachloroethane	83		21.419				ND	7
85 N-Propylbenzene	91	21.611	21.617	-0.006	96	2378	0.0143	
86 2-Chlorotoluene	91		21.761				ND	7
87 4-Ethyltoluene	105	21.815	21.809	0.006	95	2663	0.0212	
88 1,3,5-Trimethylbenzene	105	21.895	21.900	-0.005	90	2976	0.0278	
91 tert-Butylbenzene	119		22.376				ND	MU
92 1,2,4-Trimethylbenzene	105	22.462	22.462	0.000	94	12330	0.1161	
93 sec-Butylbenzene	105		22.697				ND	
94 1,3-Dichlorobenzene	146		22.874				ND	7
95 4-Isopropyltoluene	119	22.911	22.911	0.000	92	3721	0.0304	
96 1,4-Dichlorobenzene	146		23.013				ND	7
97 Benzyl chloride	91		23.157				ND	MU
98 n-Butylbenzene	91		23.468				ND	MU
99 1,2-Dichlorobenzene	146		23.505				ND	
102 1,2,4-Trichlorobenzene	180		25.971				ND	
103 Hexachlorobutadiene	225		26.218				ND	
104 Naphthalene	128		26.458				ND	MU

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\20240502-60170.b\60170_011.D

Injection Date: 02-May-2024 16:30:21

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: 200-73340-A-4

Lab Sample ID: 200-73340-4

Worklist Smp#: 11

Client ID: SVE-X_20240430

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

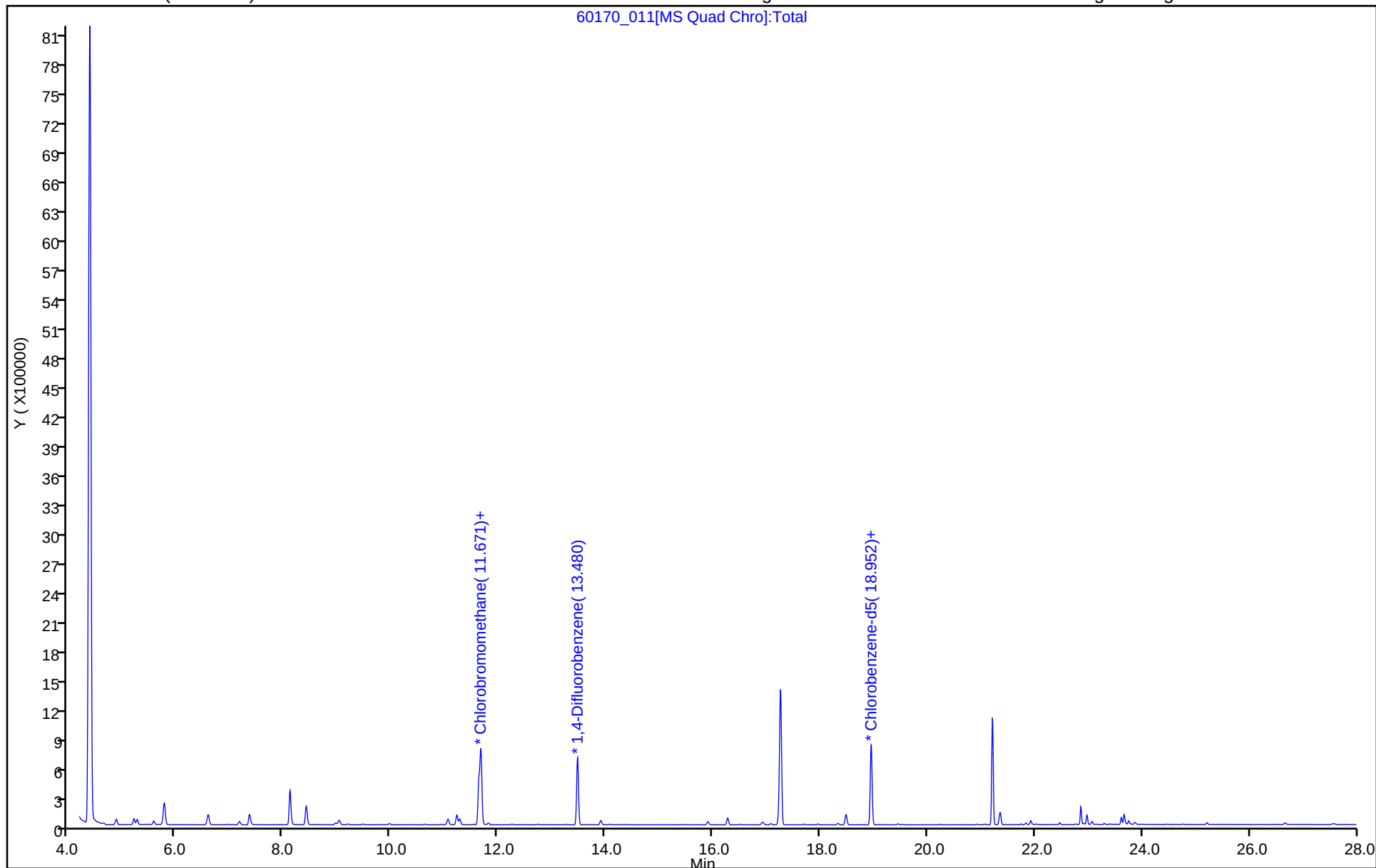
ALS Bottle#: 0

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\20240502-60170.b\60170_011.D

Injection Date: 02-May-2024 16:30:21

Instrument ID: CHAN.i

Lims ID: 200-73340-A-4

Lab Sample ID: 200-73340-4

Client ID: SVE-X_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 11

Purge Vol: 200.000 mL

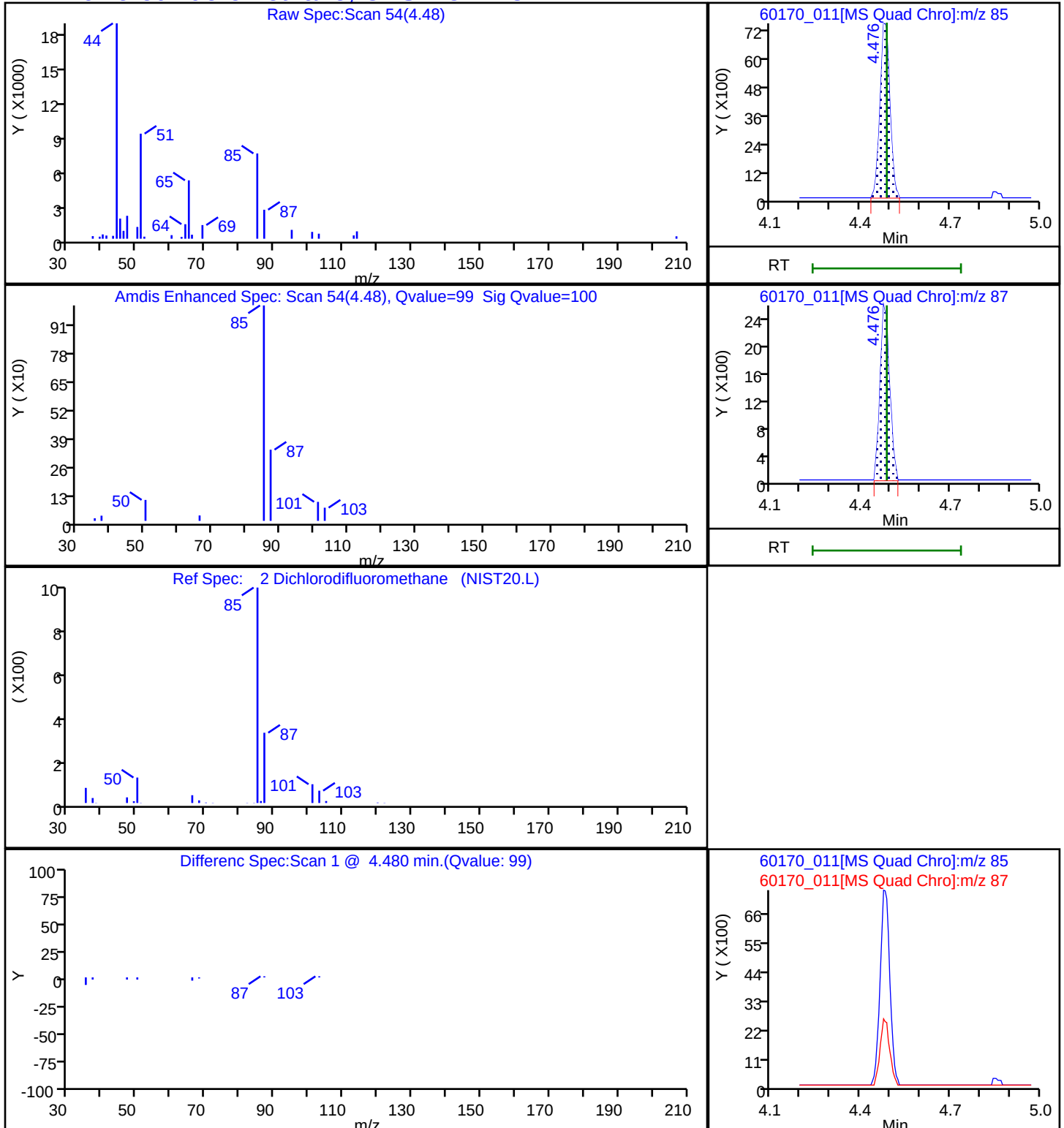
Dil. Factor: 2.0000

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\20240502-60170.b\60170_011.D

Injection Date: 02-May-2024 16:30:21

Instrument ID: CHAN.i

Lims ID: 200-73340-A-4

Lab Sample ID: 200-73340-4

Client ID: SVE-X_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 11

Purge Vol: 200.000 mL

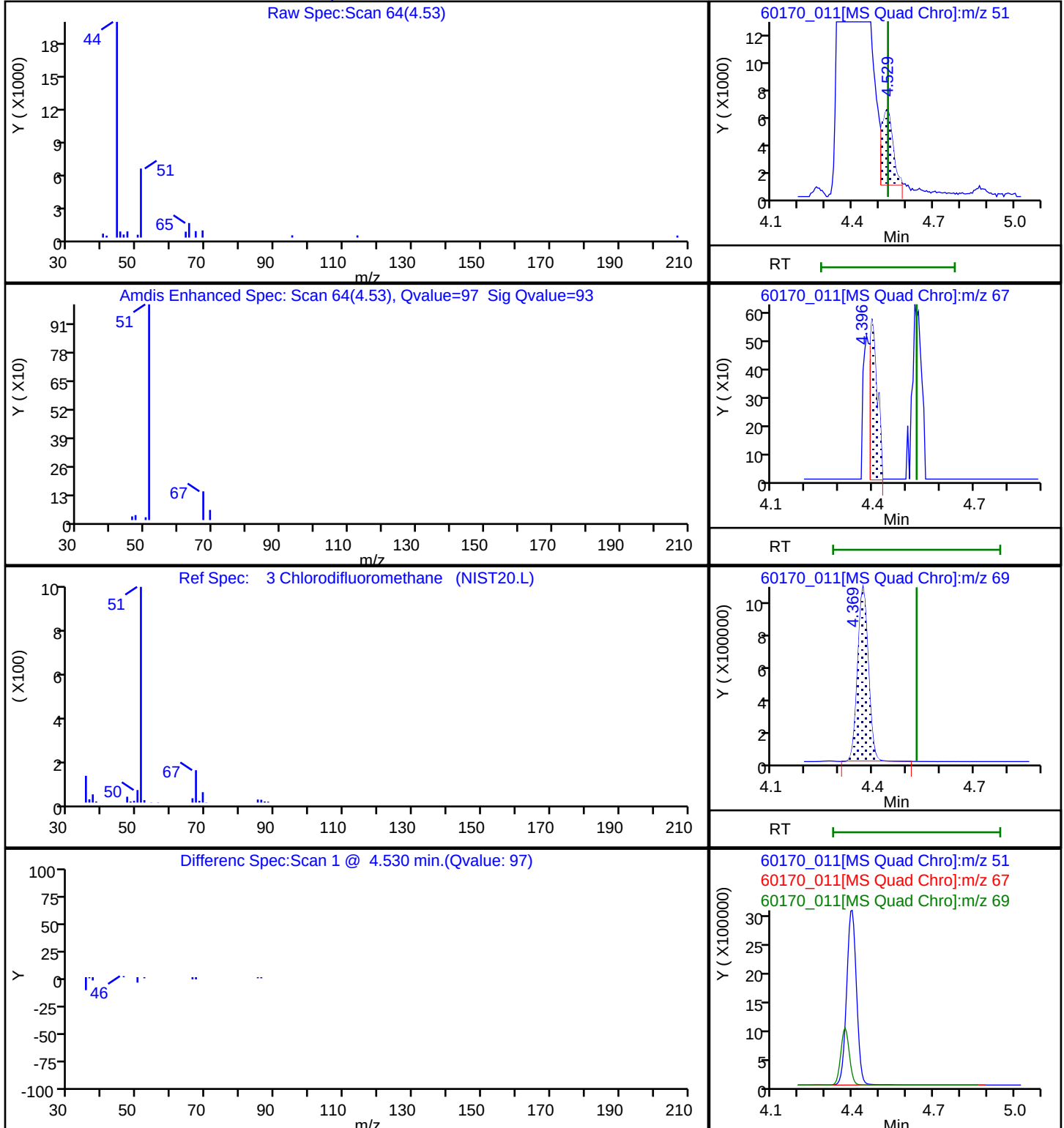
Dil. Factor: 2.0000

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

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_011.D

Injection Date: 02-May-2024 16:30:21

Instrument ID: CHAN.i

Lims ID: 200-73340-A-4

Lab Sample ID: 200-73340-4

Client ID: SVE-X_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 11

Purge Vol: 200.000 mL

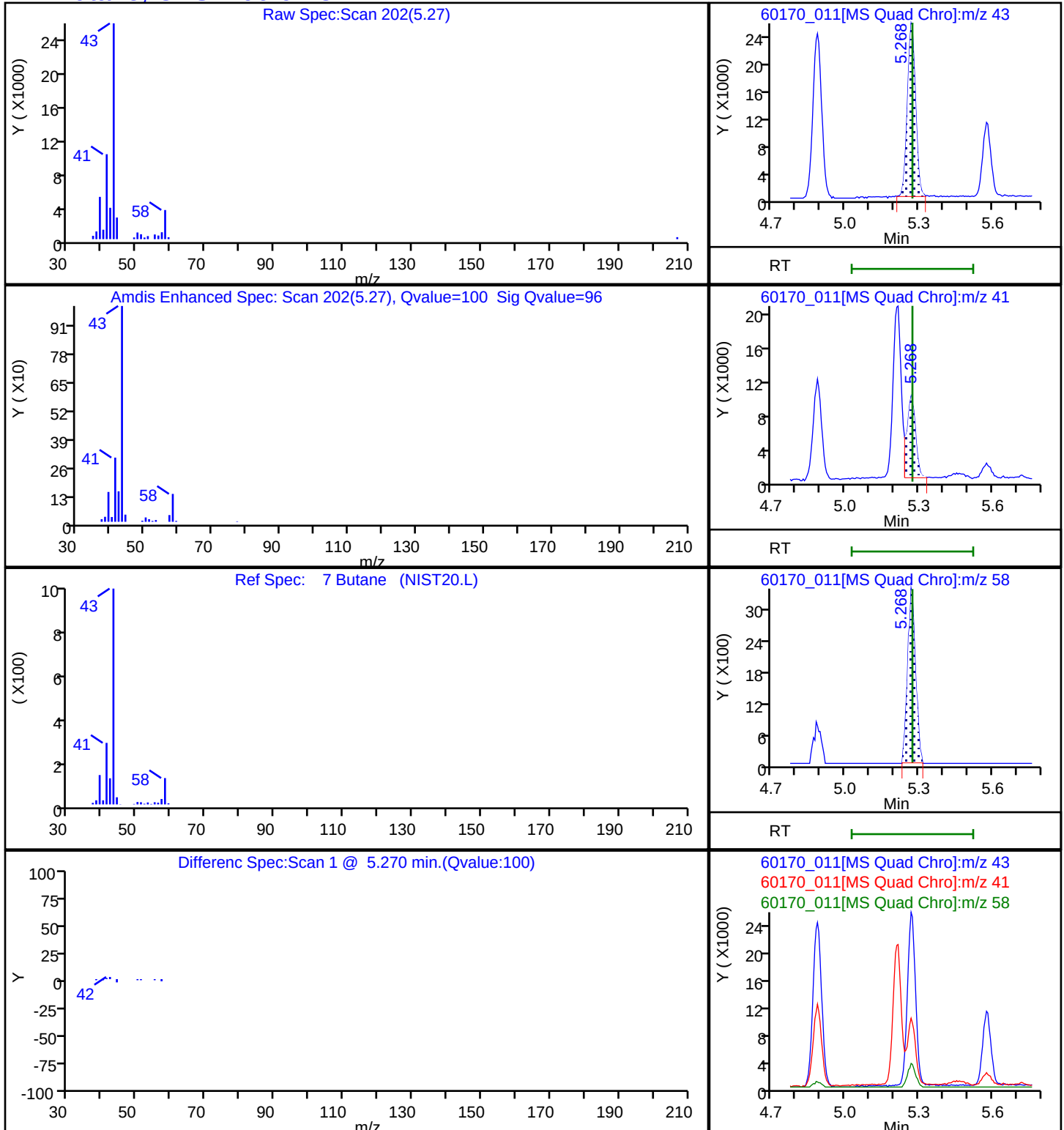
Dil. Factor: 2.0000

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\20240502-60170.b\60170_011.D

Injection Date: 02-May-2024 16:30:21

Instrument ID: CHAN.i

Lims ID: 200-73340-A-4

Lab Sample ID: 200-73340-4

Client ID: SVE-X_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 11

Purge Vol: 200.000 mL

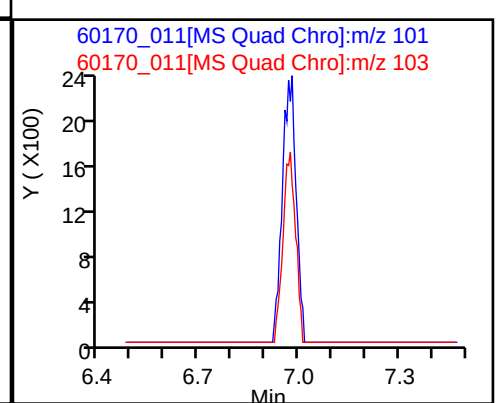
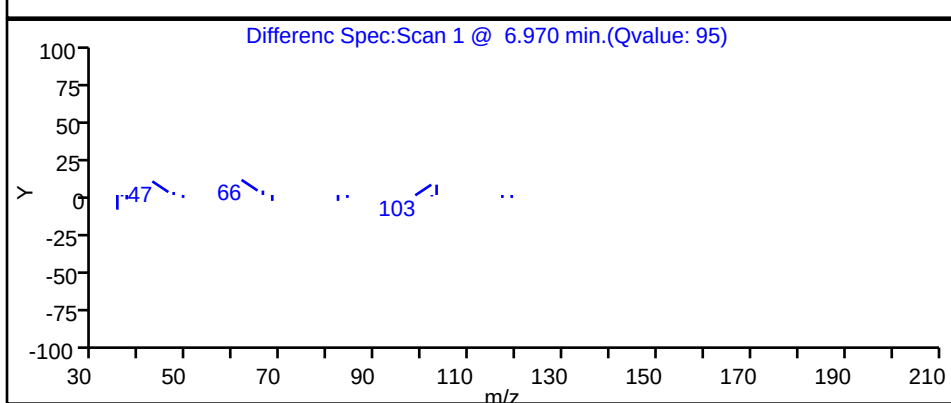
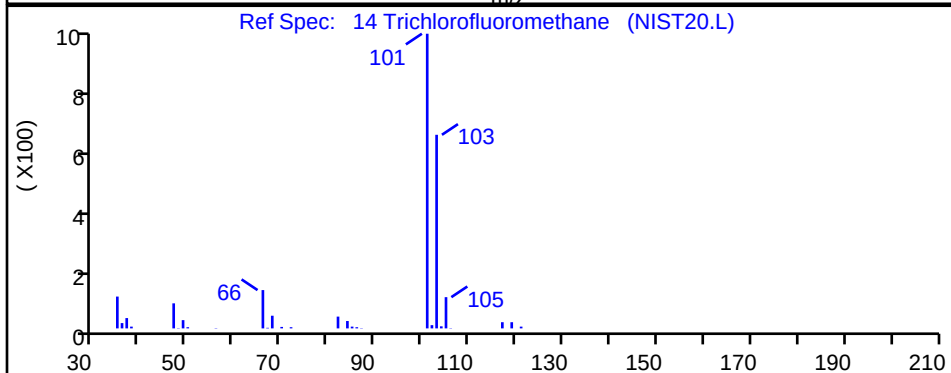
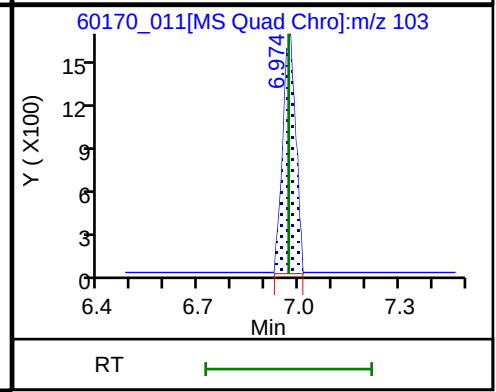
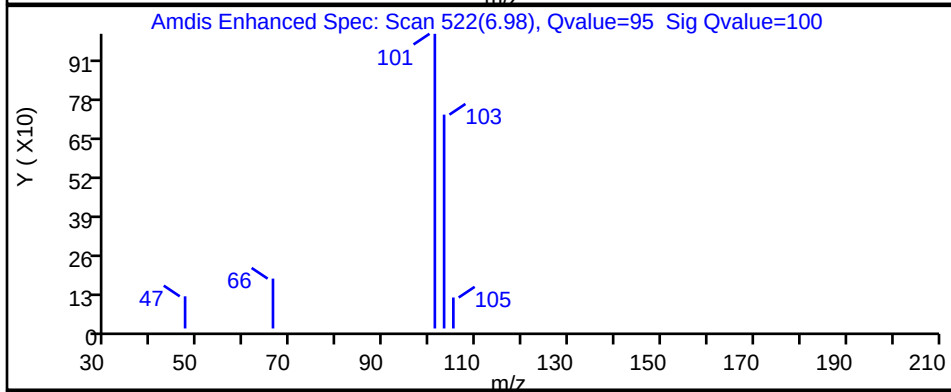
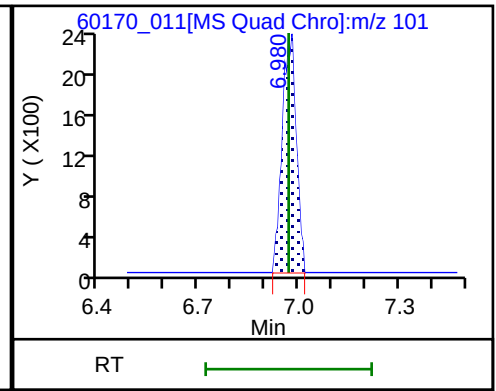
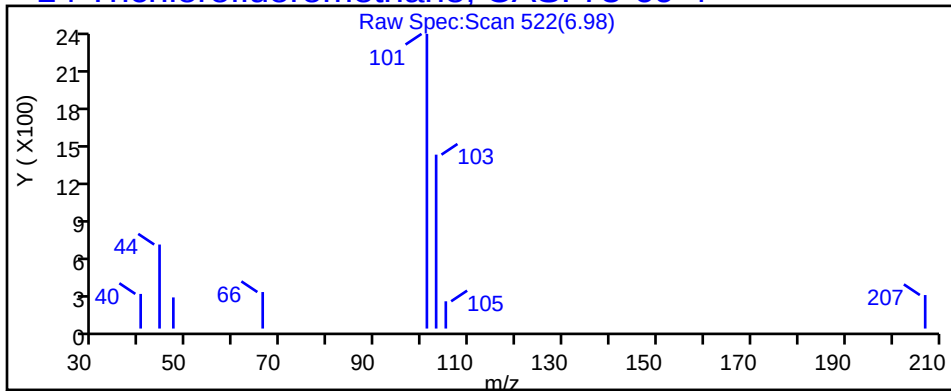
Dil. Factor: 2.0000

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\20240502-60170.b\60170_011.D

Injection Date: 02-May-2024 16:30:21

Instrument ID: CHAN.i

Lims ID: 200-73340-A-4

Lab Sample ID: 200-73340-4

Client ID: SVE-X_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 11

Purge Vol: 200.000 mL

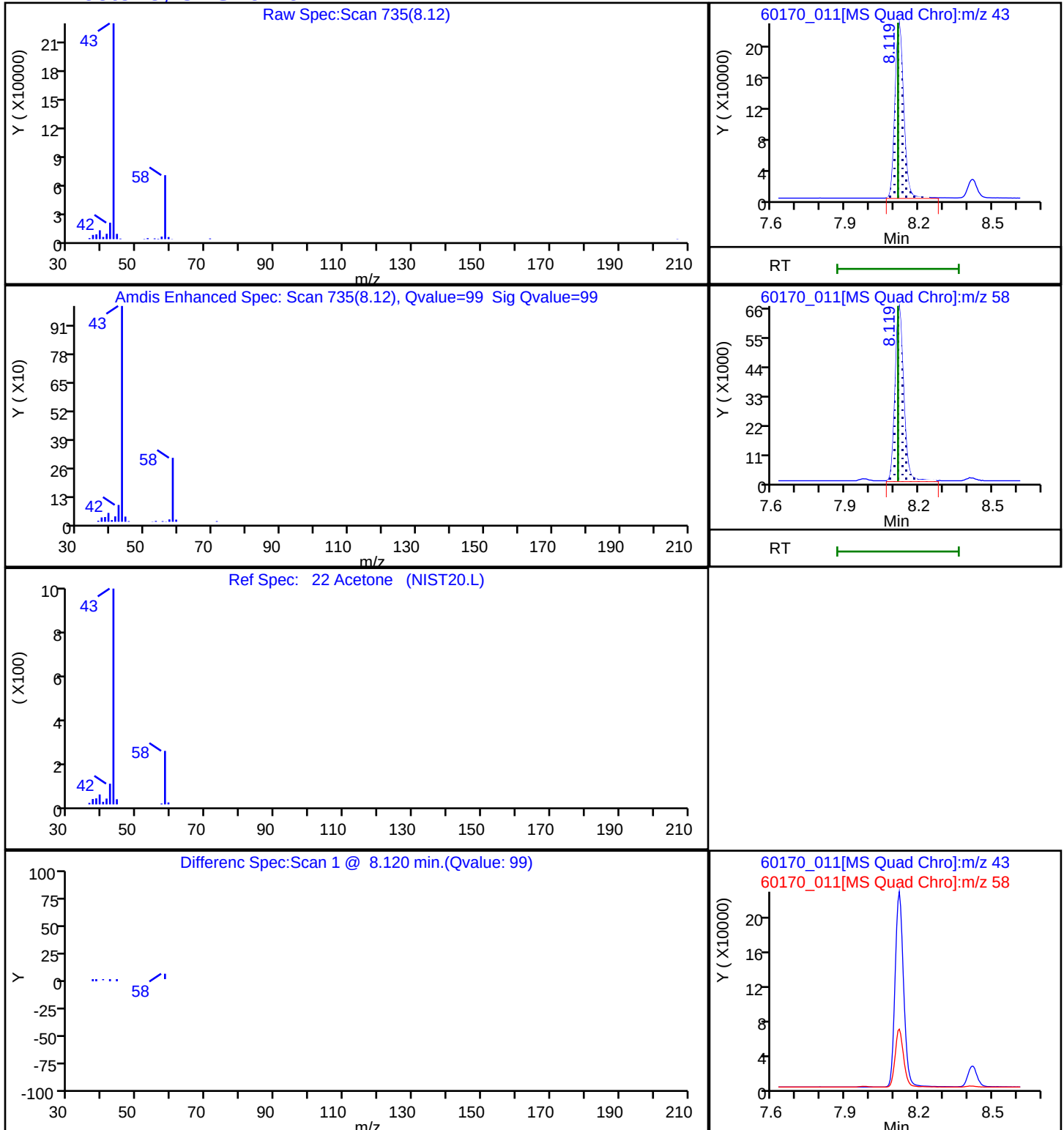
Dil. Factor: 2.0000

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\20240502-60170.b\60170_011.D

Injection Date: 02-May-2024 16:30:21

Instrument ID: CHAN.i

Lims ID: 200-73340-A-4

Lab Sample ID: 200-73340-4

Client ID: SVE-X_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 11

Purge Vol: 200.000 mL

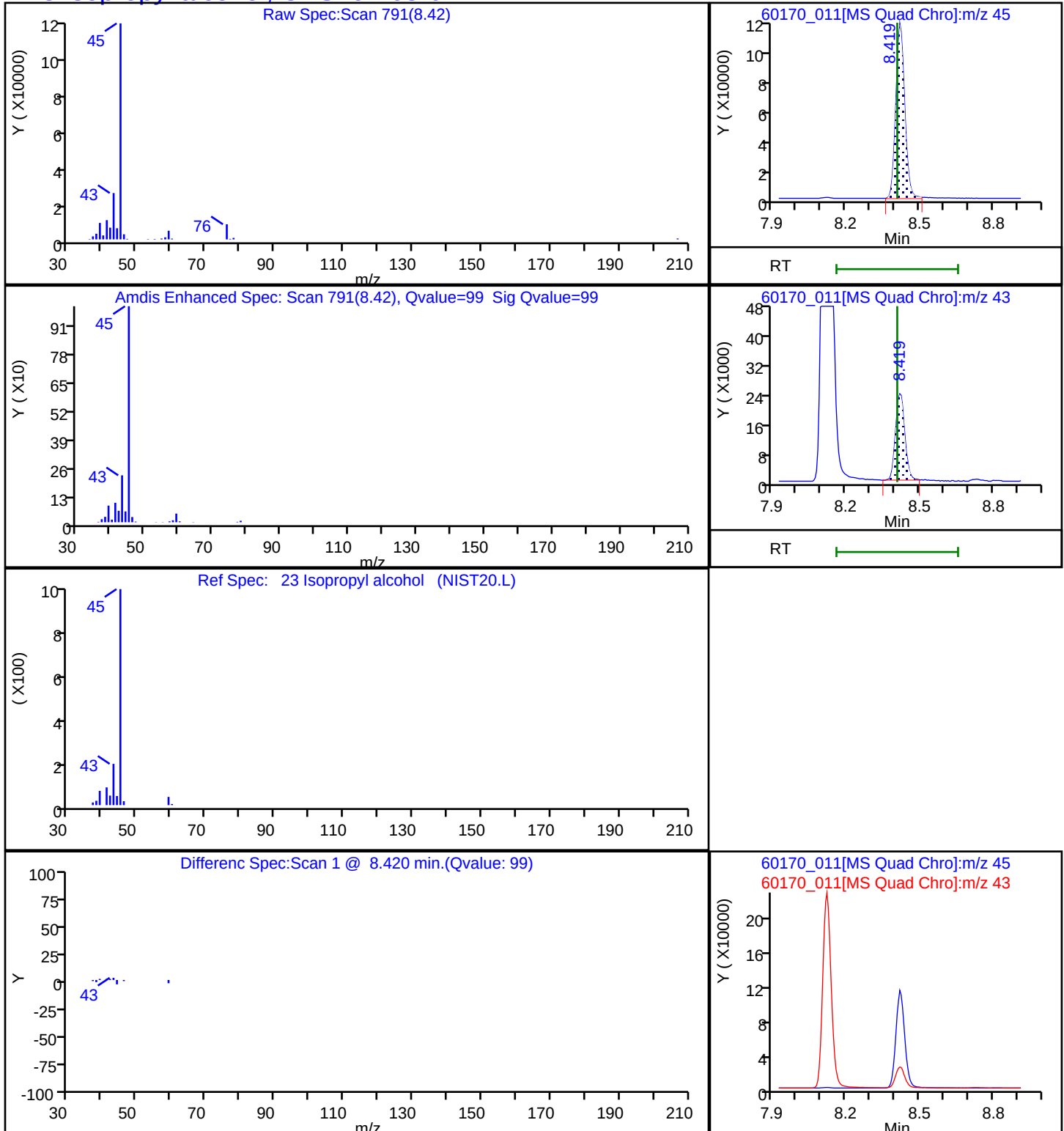
Dil. Factor: 2.0000

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\20240502-60170.b\60170_011.D

Injection Date: 02-May-2024 16:30:21

Instrument ID: CHAN.i

Lims ID: 200-73340-A-4

Lab Sample ID: 200-73340-4

Client ID: SVE-X_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 11

Purge Vol: 200.000 mL

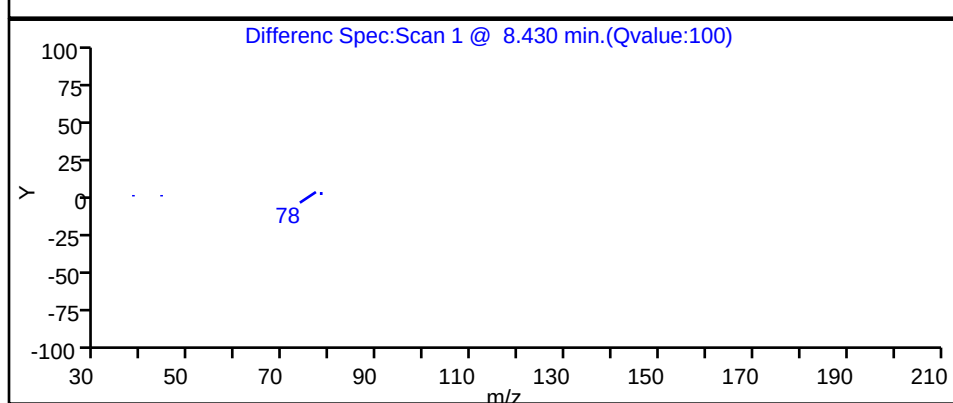
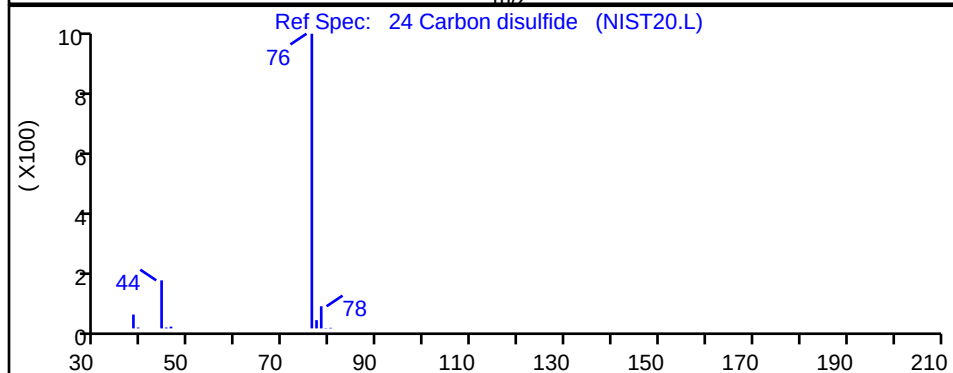
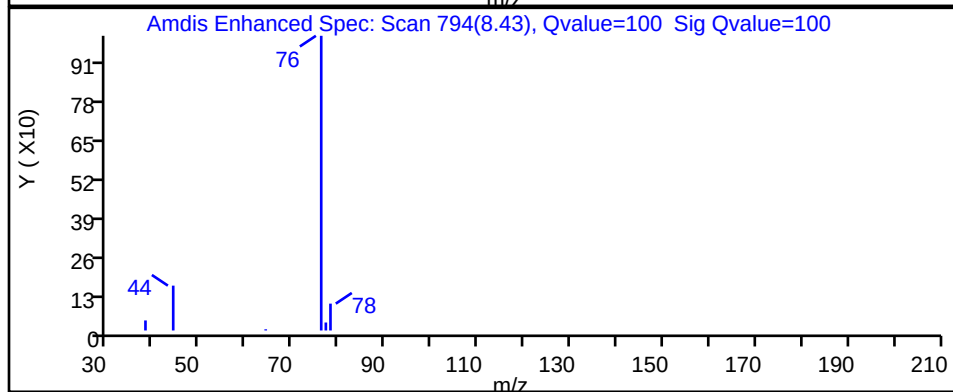
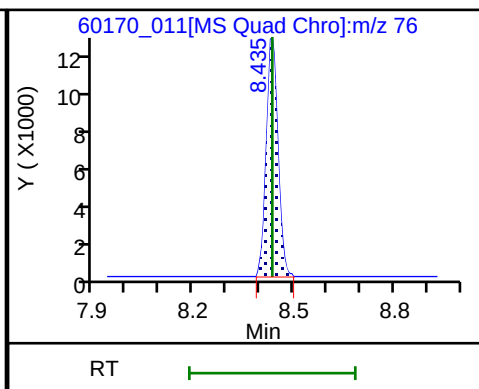
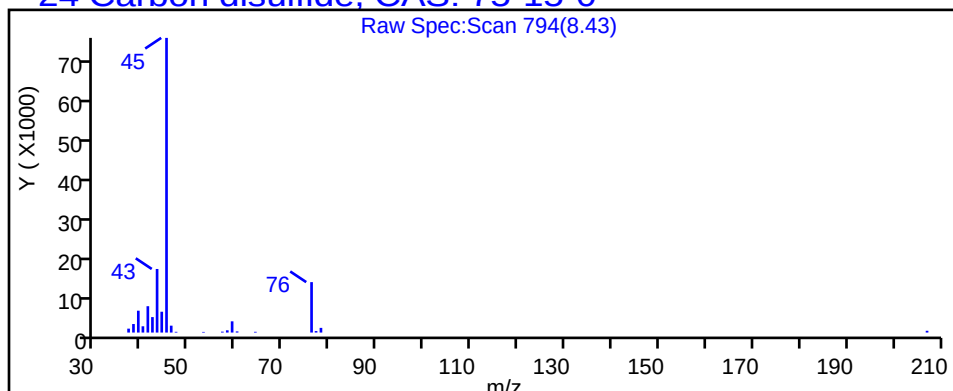
Dil. Factor: 2.0000

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\20240502-60170.b\60170_011.D

Injection Date: 02-May-2024 16:30:21

Instrument ID: CHAN.i

Lims ID: 200-73340-A-4

Lab Sample ID: 200-73340-4

Client ID: SVE-X_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 11

Purge Vol: 200.000 mL

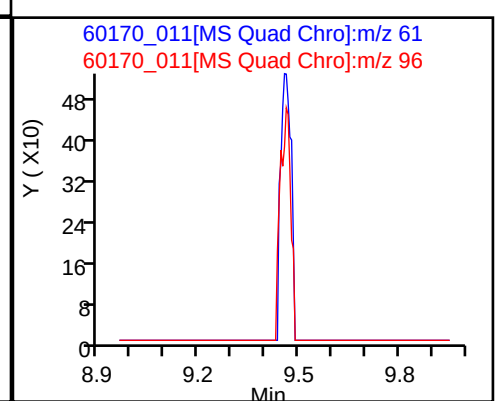
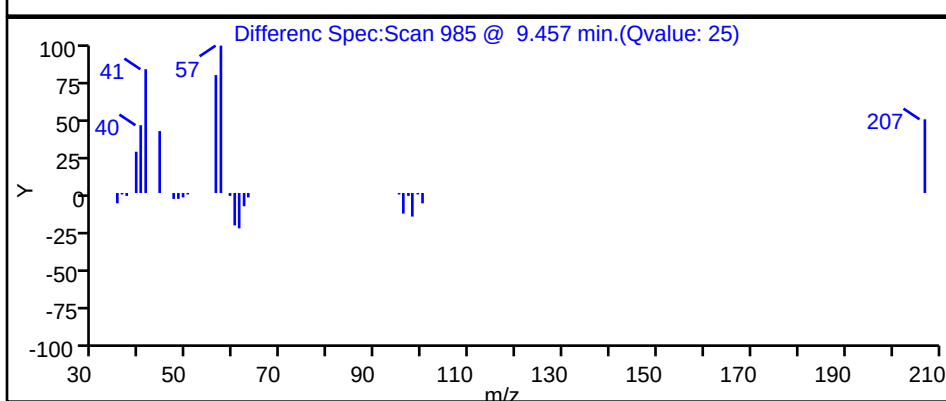
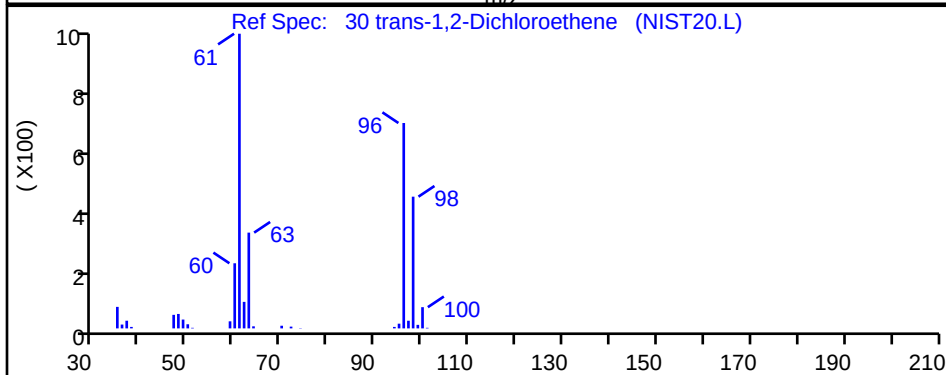
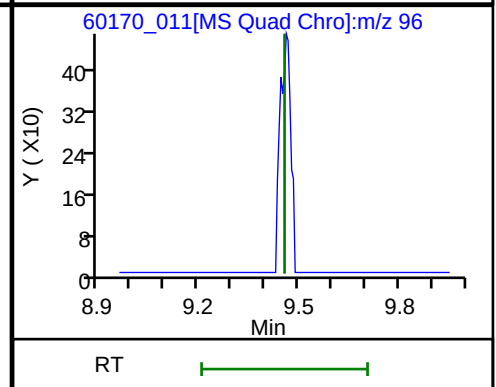
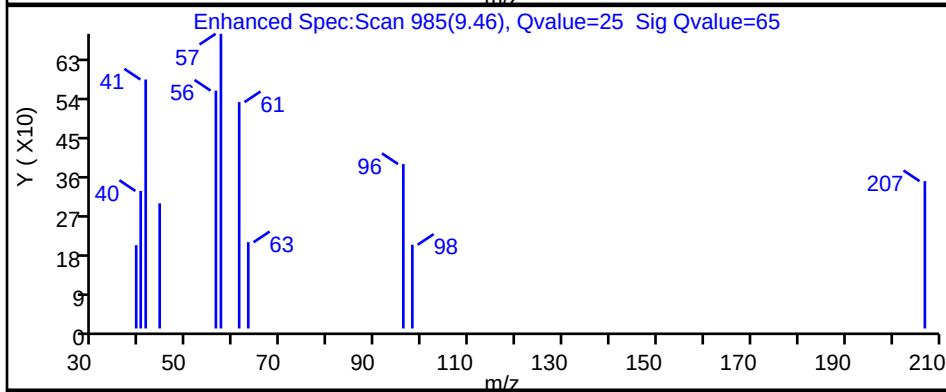
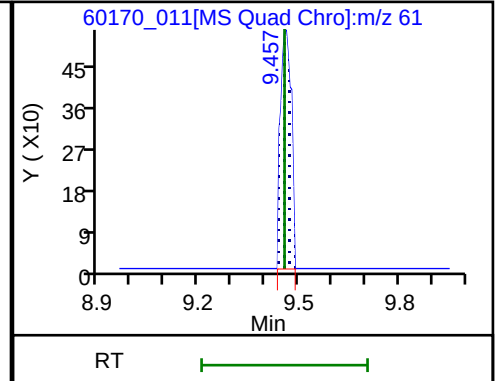
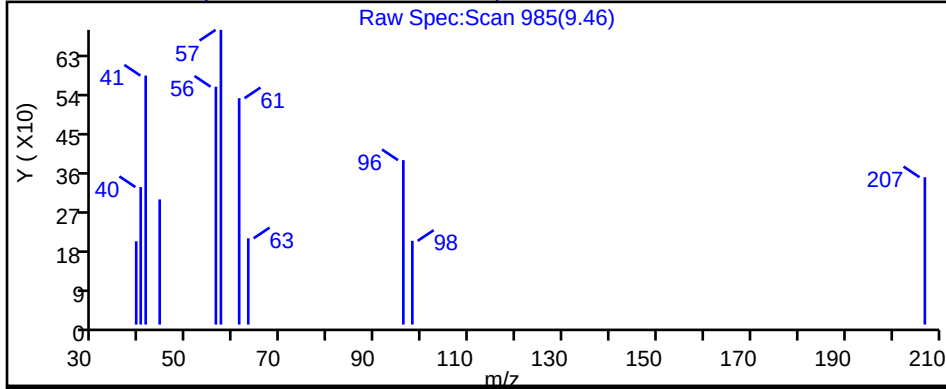
Dil. Factor: 2.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

30 trans-1,2-Dichloroethene, CAS: 156-60-5

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_011.D

Injection Date: 02-May-2024 16:30:21

Instrument ID: CHAN.i

Lims ID: 200-73340-A-4

Lab Sample ID: 200-73340-4

Client ID: SVE-X_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 11

Purge Vol: 200.000 mL

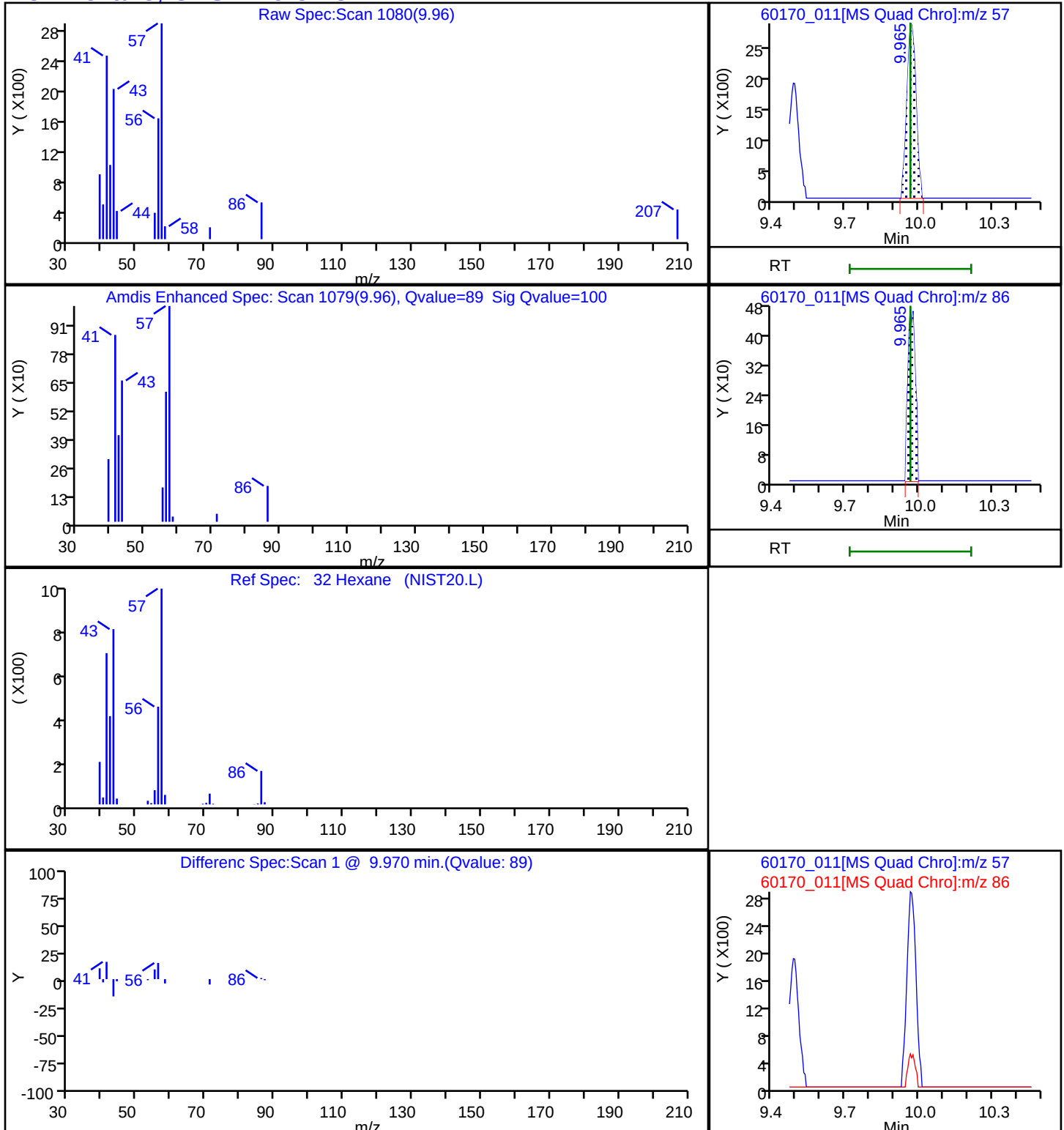
Dil. Factor: 2.0000

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\20240502-60170.b\60170_011.D

Injection Date: 02-May-2024 16:30:21

Instrument ID: CHAN.i

Lims ID: 200-73340-A-4

Lab Sample ID: 200-73340-4

Client ID: SVE-X_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 11

Purge Vol: 200.000 mL

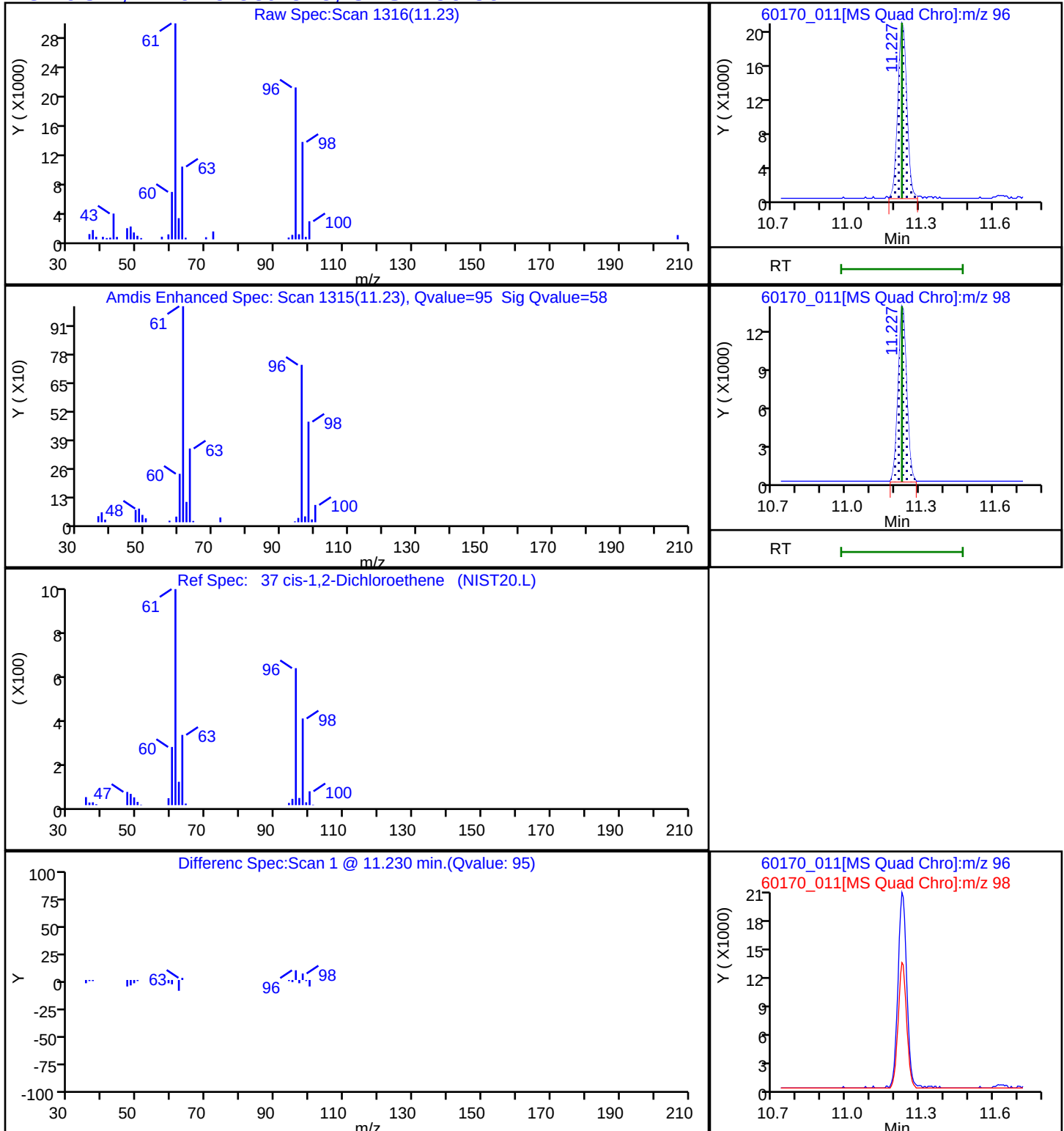
Dil. Factor: 2.0000

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\20240502-60170.b\60170_011.D

Injection Date: 02-May-2024 16:30:21

Instrument ID: CHAN.i

Lims ID: 200-73340-A-4

Lab Sample ID: 200-73340-4

Client ID: SVE-X_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 11

Purge Vol: 200.000 mL

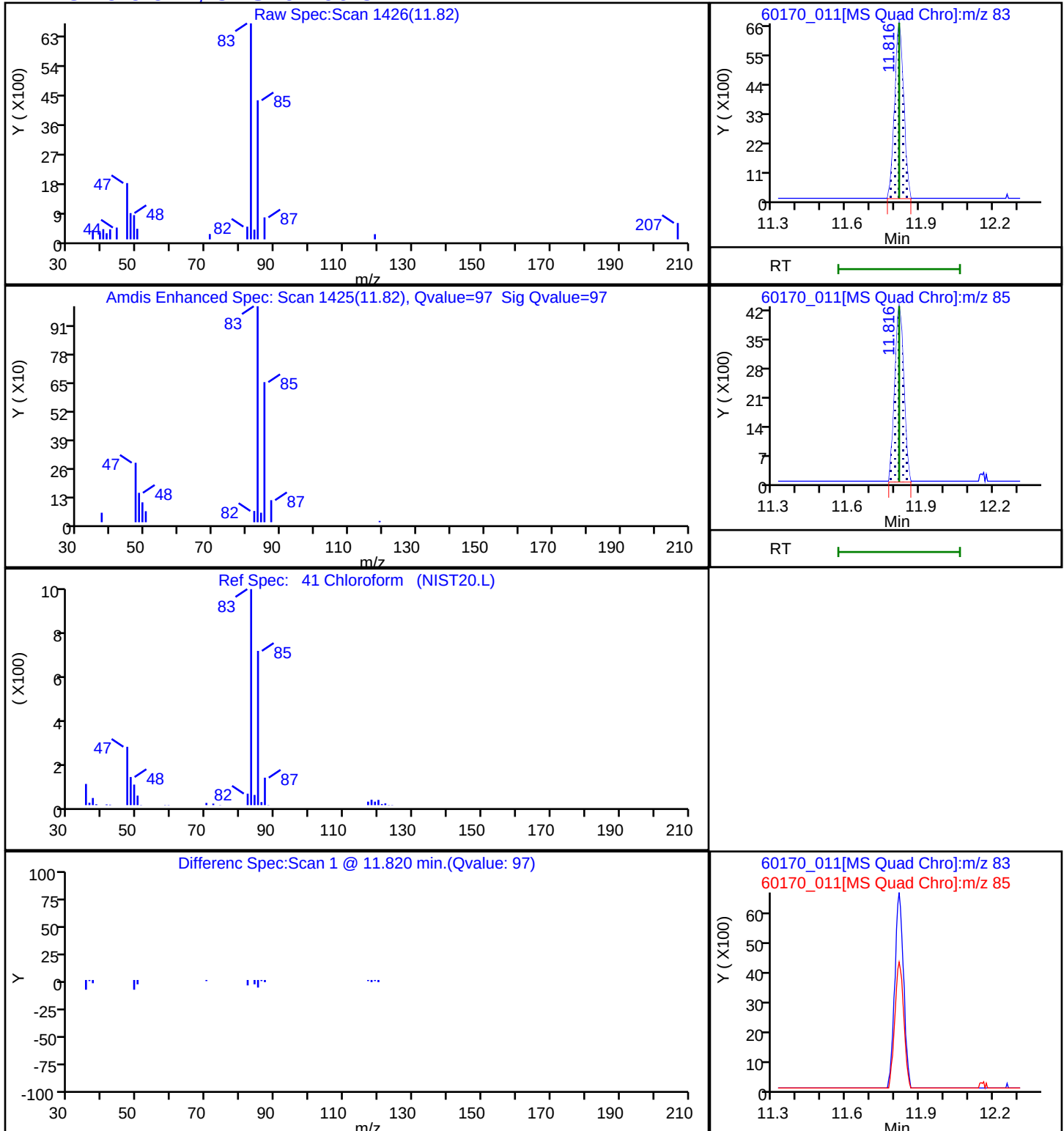
Dil. Factor: 2.0000

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\20240502-60170.b\60170_011.D

Injection Date: 02-May-2024 16:30:21

Instrument ID: CHAN.i

Lims ID: 200-73340-A-4

Lab Sample ID: 200-73340-4

Client ID: SVE-X_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 11

Purge Vol: 200.000 mL

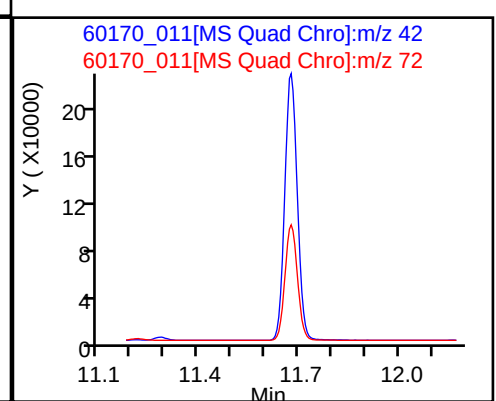
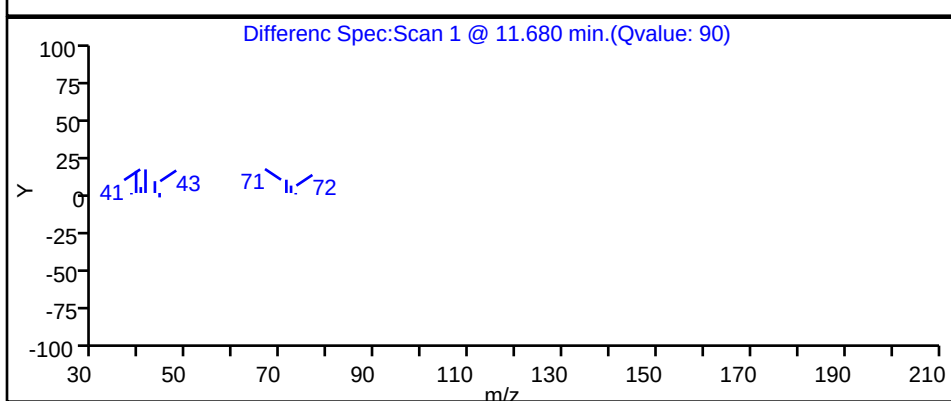
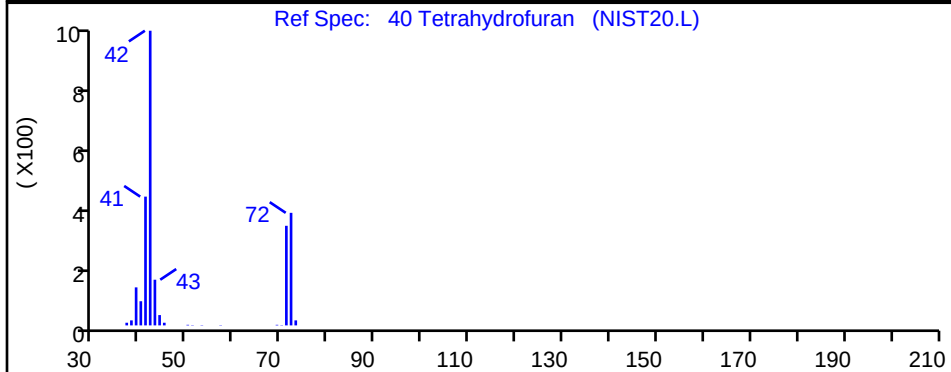
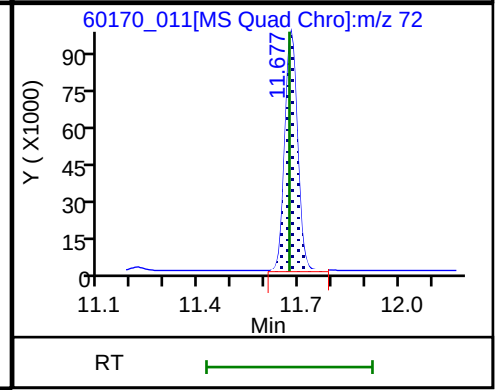
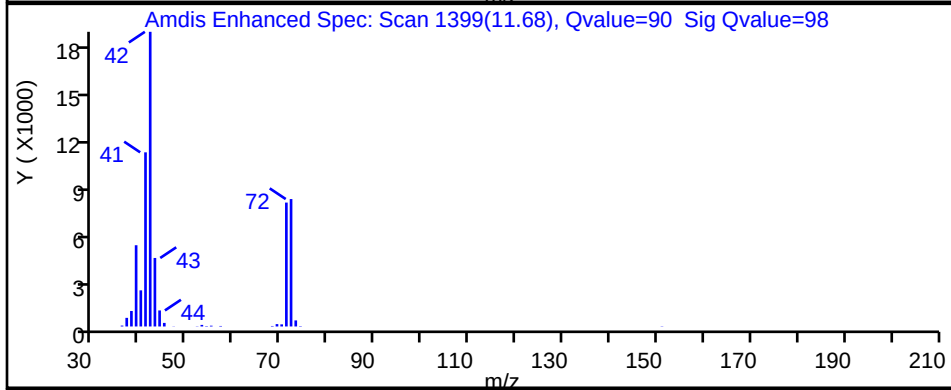
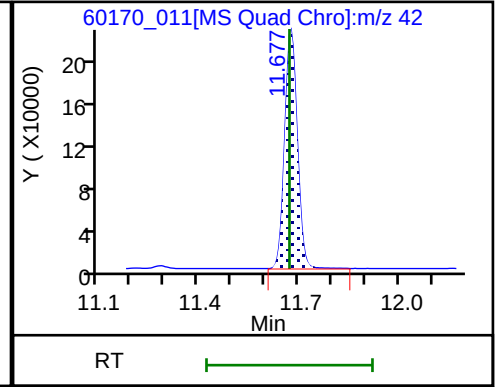
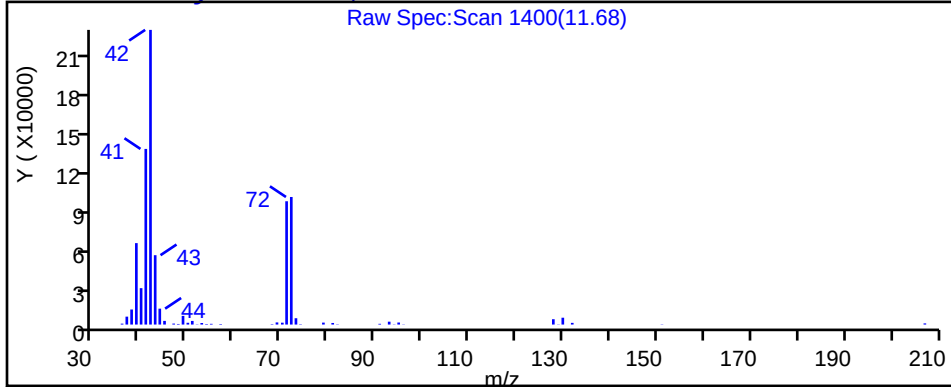
Dil. Factor: 2.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 Tetrahydrofuran, CAS: 109-99-9

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_011.D

Injection Date: 02-May-2024 16:30:21

Instrument ID: CHAN.i

Lims ID: 200-73340-A-4

Lab Sample ID: 200-73340-4

Client ID: SVE-X_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 11

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

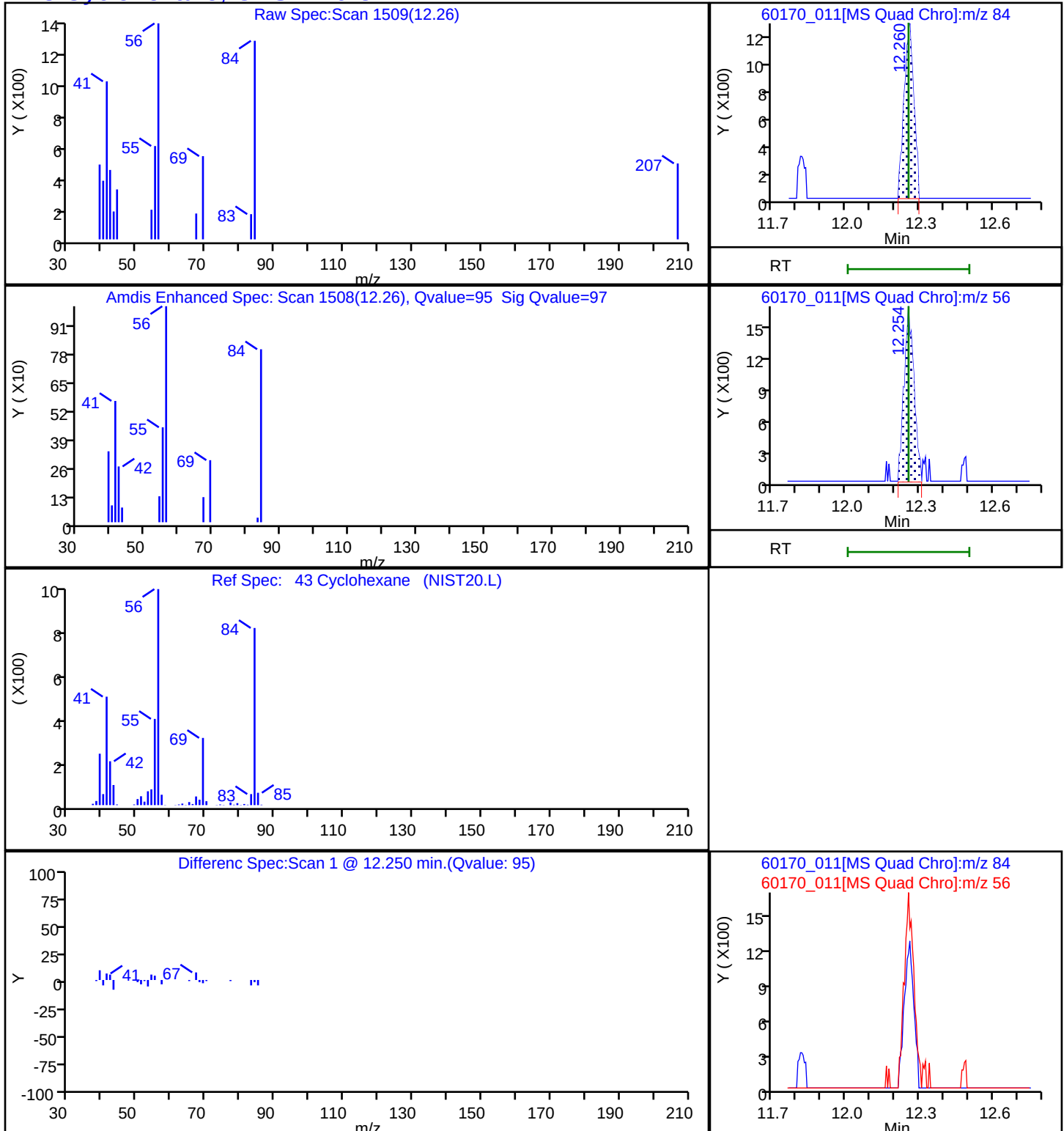
Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

43 Cyclohexane, CAS: 110-82-7



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_011.D

Injection Date: 02-May-2024 16:30:21

Instrument ID: CHAN.i

Lims ID: 200-73340-A-4

Lab Sample ID: 200-73340-4

Client ID: SVE-X_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 11

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

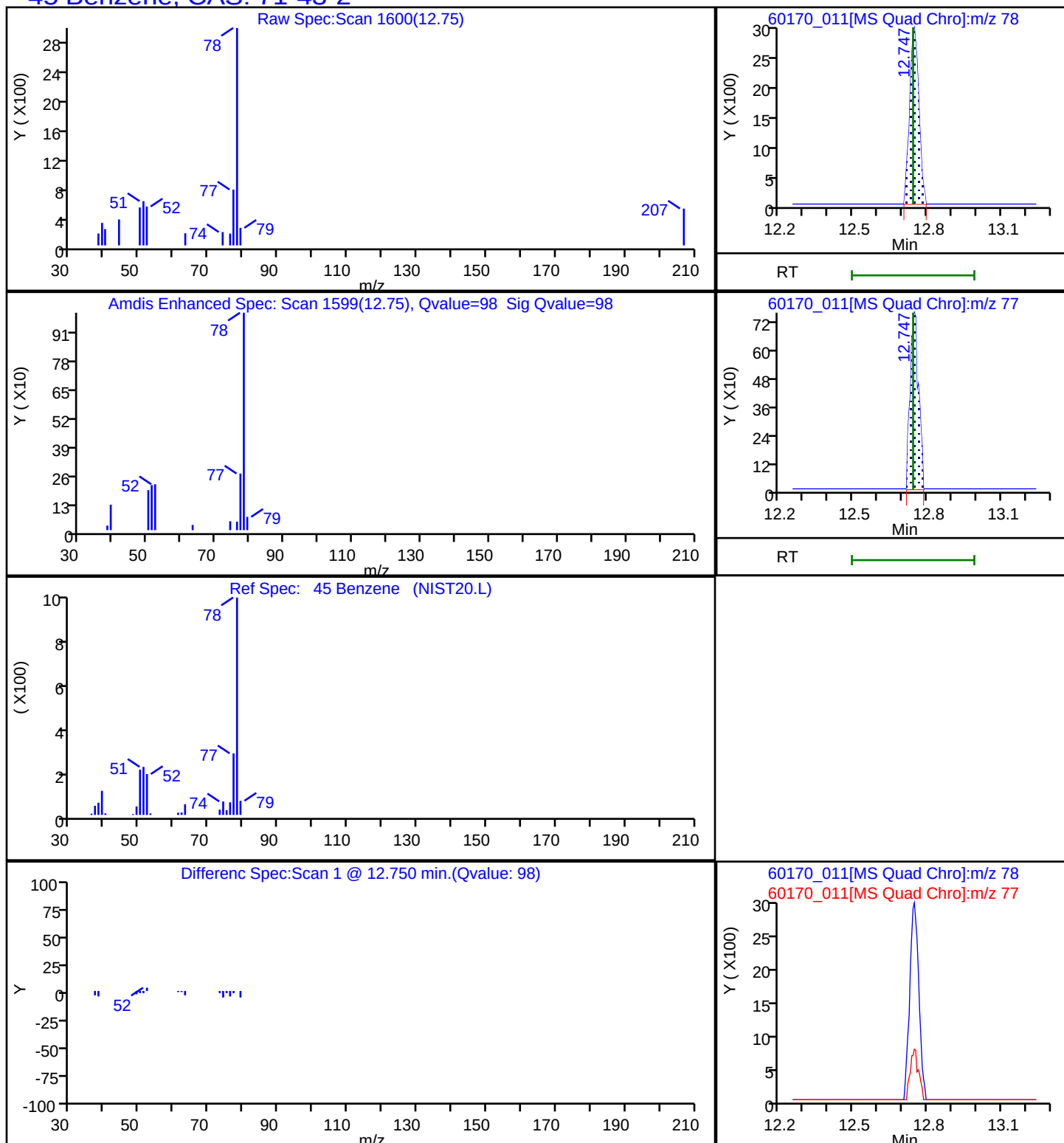
Method: TO15_TO3_Master_Method_AN

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\20240502-60170.b\60170_011.D

Injection Date: 02-May-2024 16:30:21

Instrument ID: CHAN.i

Lims ID: 200-73340-A-4

Lab Sample ID: 200-73340-4

Client ID: SVE-X_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 11

Purge Vol: 200.000 mL

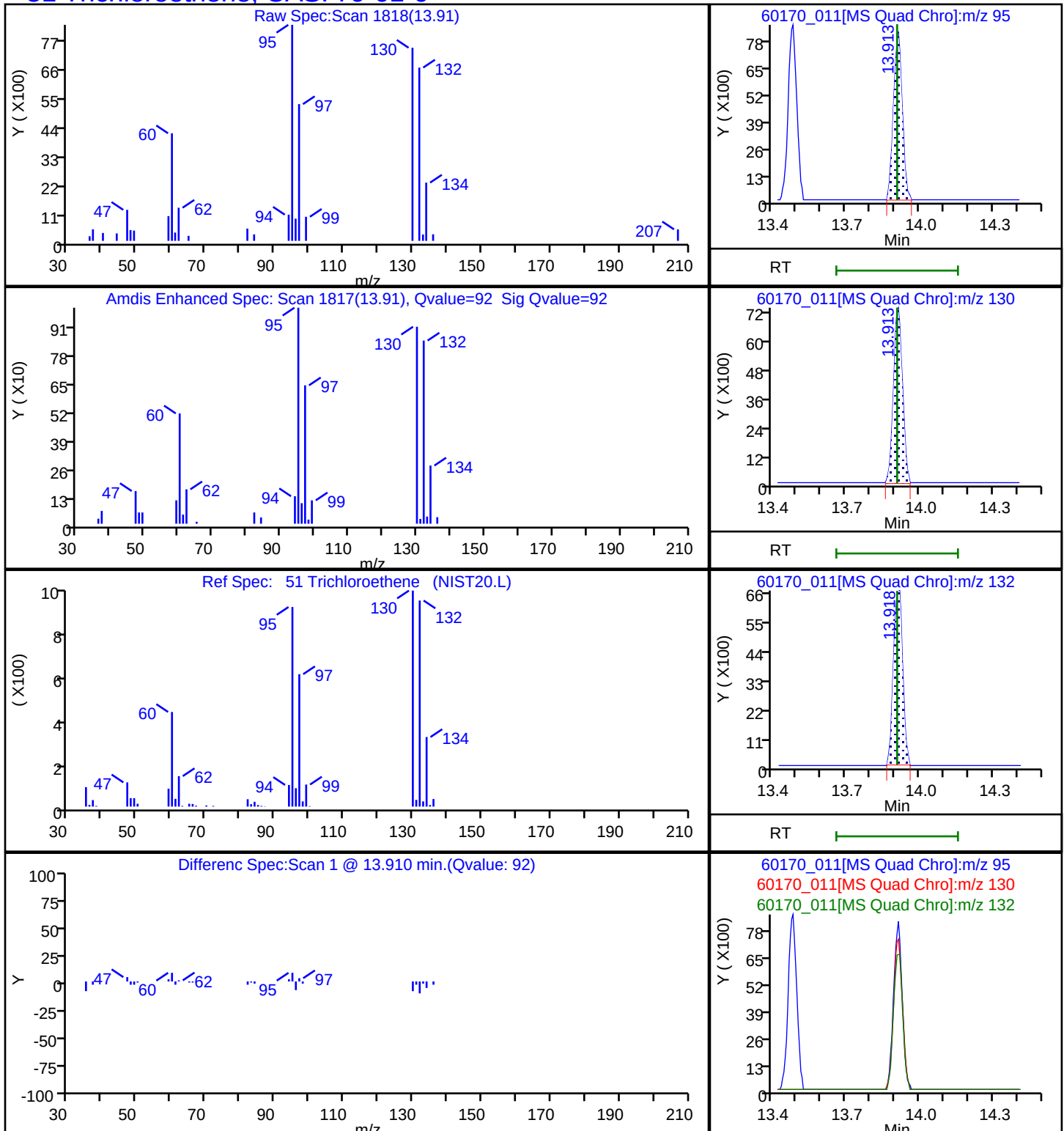
Dil. Factor: 2.0000

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

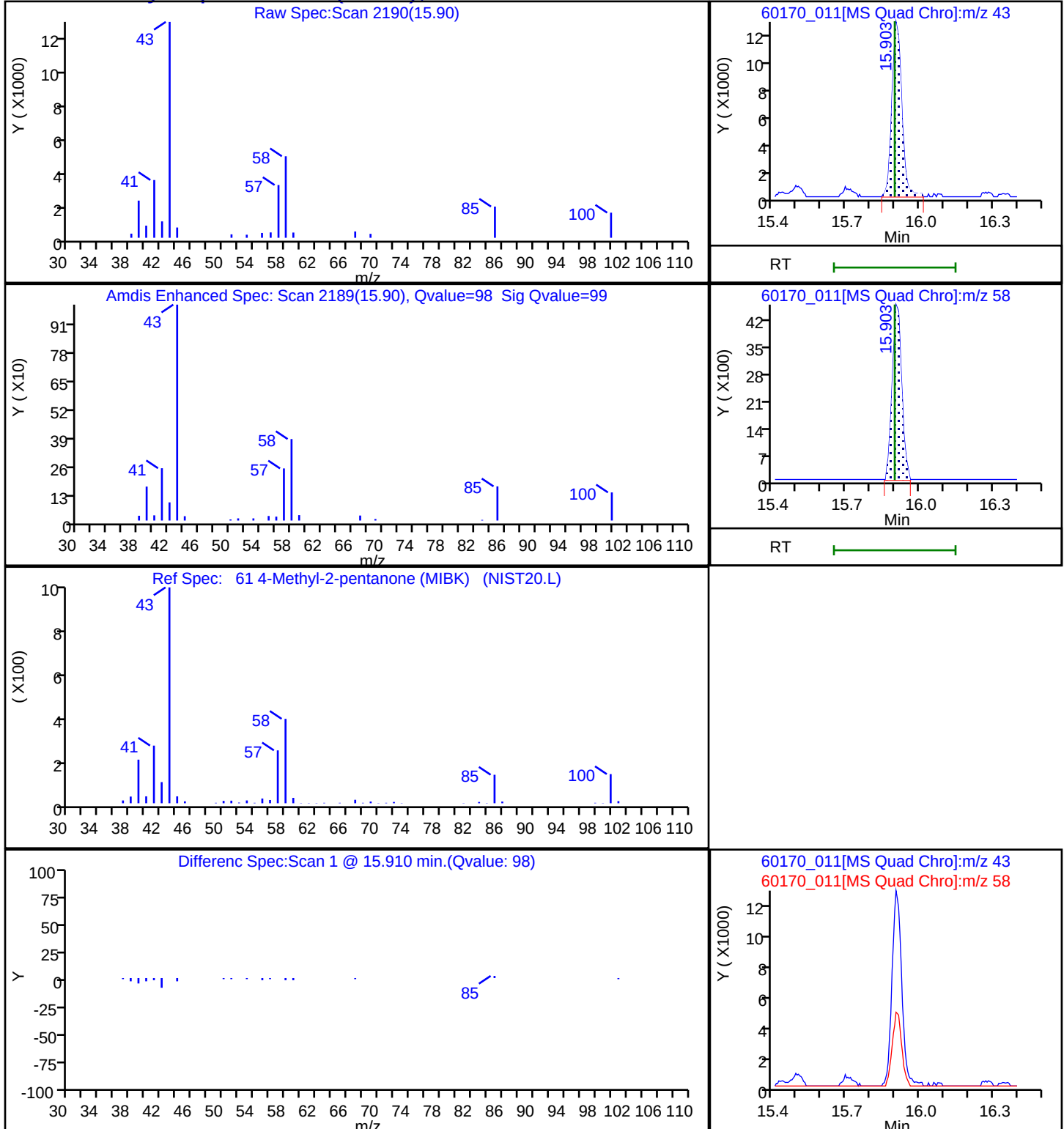
Column: RTX-624 (0.32 mm)

Detector: MS SCAN

51 Trichloroethene, CAS: 79-01-6

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_011.D
Injection Date: 02-May-2024 16:30:21 Instrument ID: CHAN.i
Lims ID: 200-73340-A-4 Lab Sample ID: 200-73340-4
Client ID: SVE-X_20240430
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 2.0000
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\20240502-60170.b\60170_011.D

Injection Date: 02-May-2024 16:30:21

Instrument ID: CHAN.i

Lims ID: 200-73340-A-4

Lab Sample ID: 200-73340-4

Client ID: SVE-X_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 11

Purge Vol: 200.000 mL

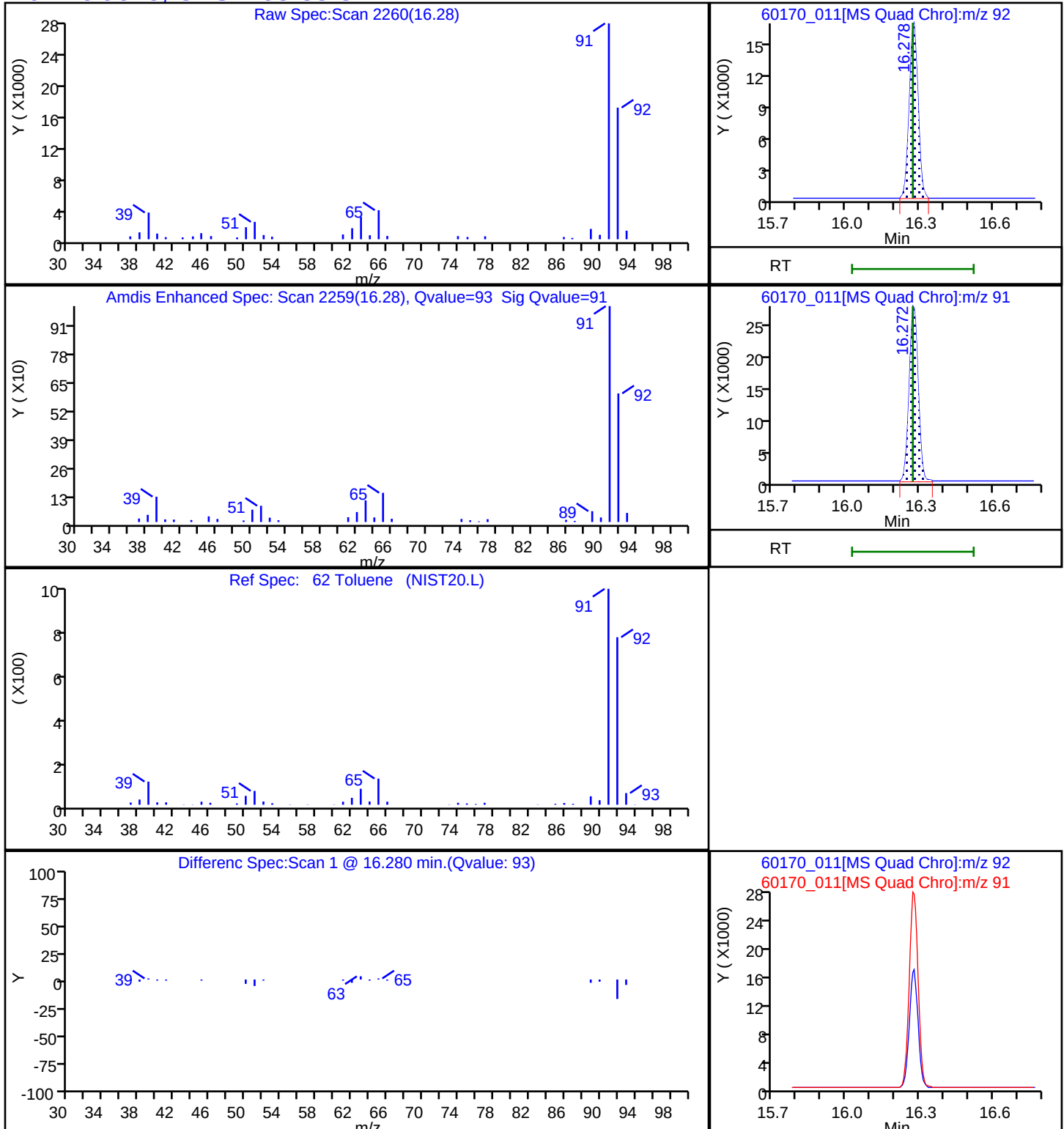
Dil. Factor: 2.0000

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\20240502-60170.b\60170_011.D

Injection Date: 02-May-2024 16:30:21

Instrument ID: CHAN.i

Lims ID: 200-73340-A-4

Lab Sample ID: 200-73340-4

Client ID: SVE-X_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 11

Purge Vol: 200.000 mL

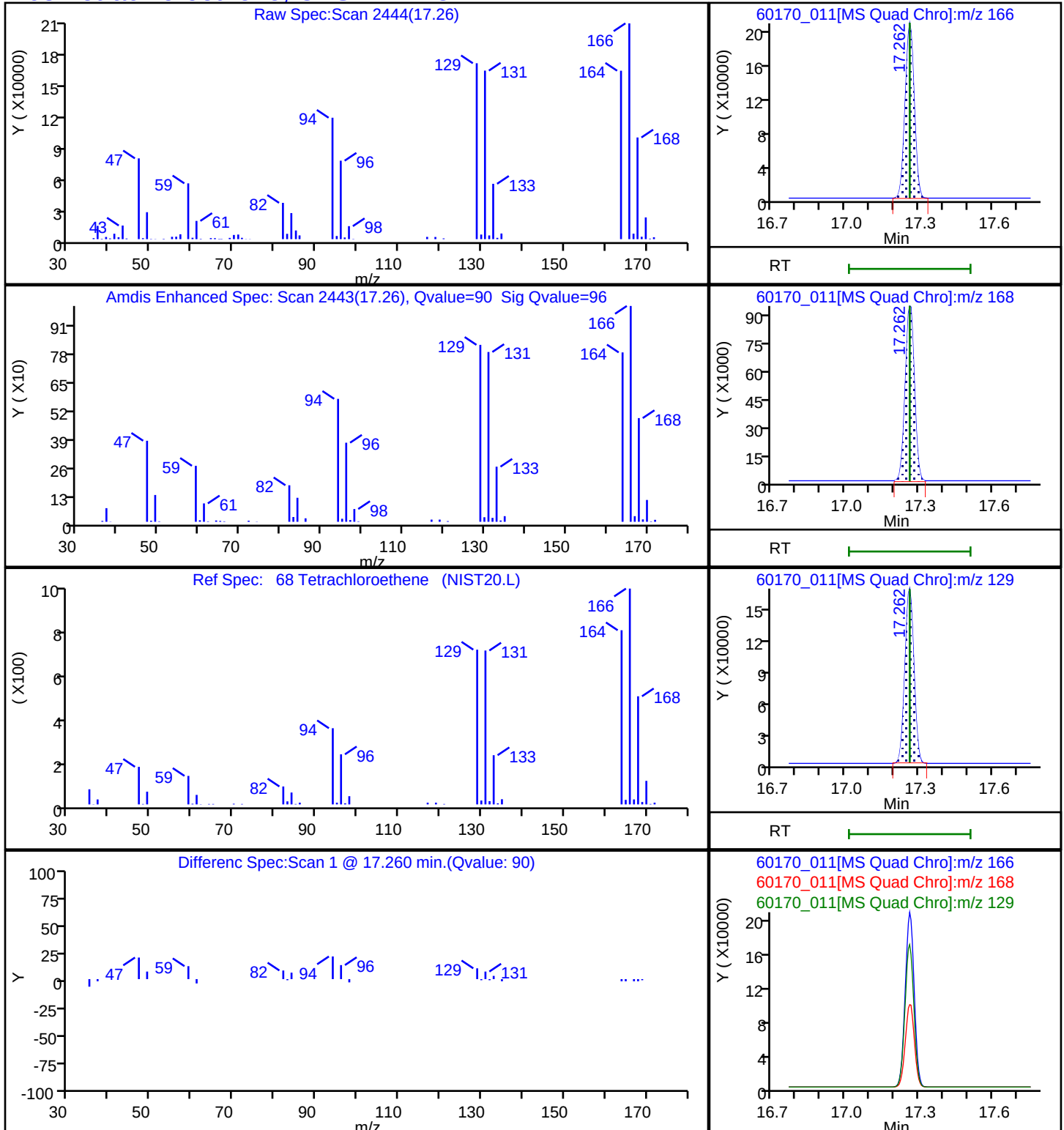
Dil. Factor: 2.0000

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\20240502-60170.b\60170_011.D

Injection Date: 02-May-2024 16:30:21

Instrument ID: CHAN.i

Lims ID: 200-73340-A-4

Lab Sample ID: 200-73340-4

Client ID: SVE-X_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 11

Purge Vol: 200.000 mL

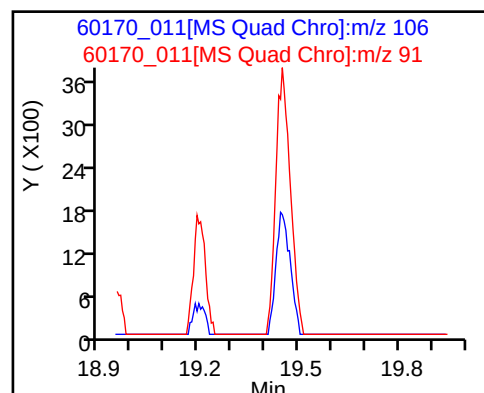
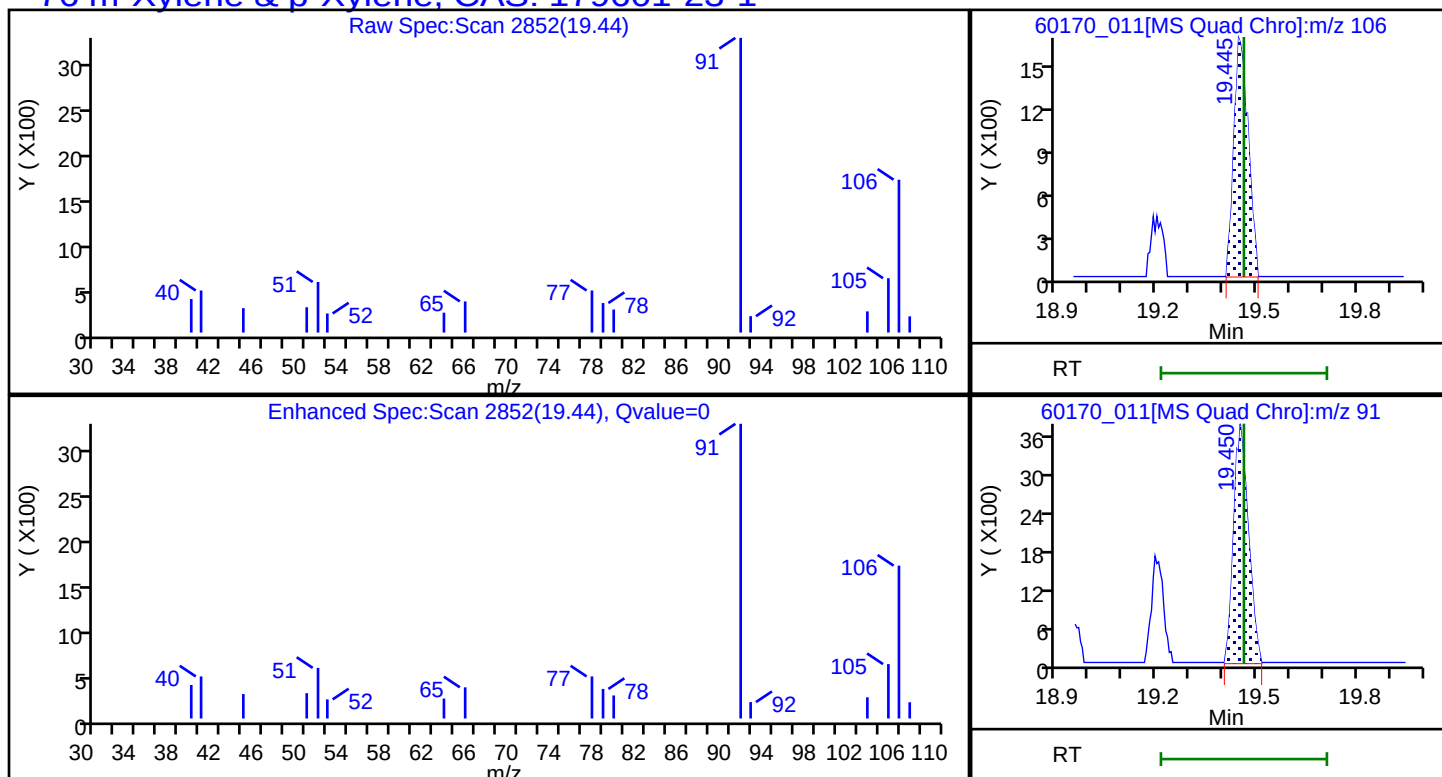
Dil. Factor: 2.0000

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\20240502-60170.b\60170_011.D

Injection Date: 02-May-2024 16:30:21

Instrument ID: CHAN.i

Lims ID: 200-73340-A-4

Lab Sample ID: 200-73340-4

Client ID: SVE-X_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 11

Purge Vol: 200.000 mL

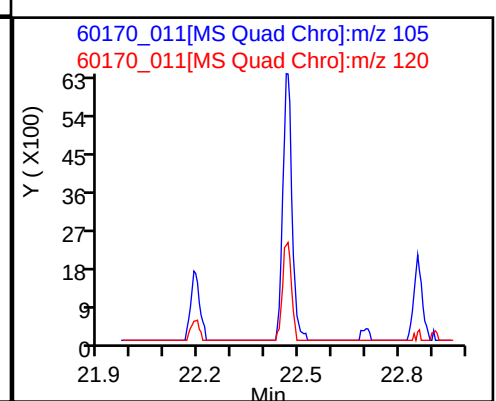
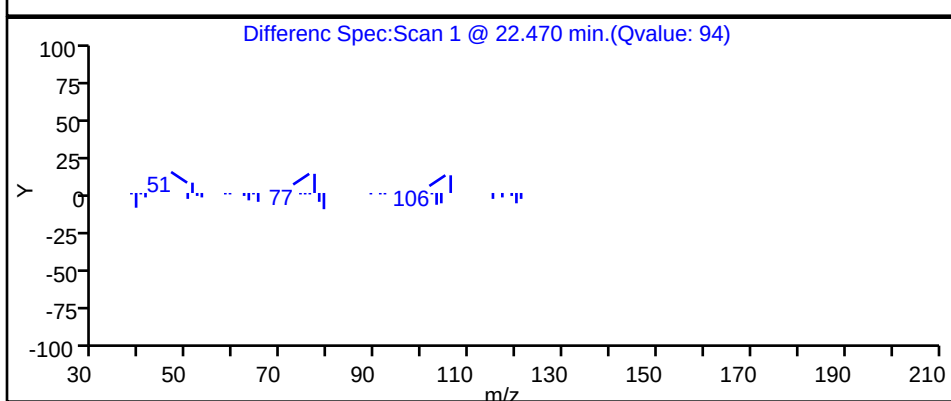
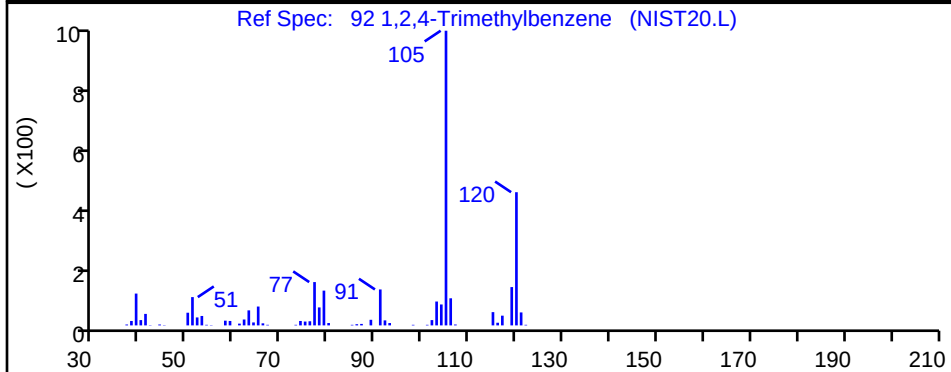
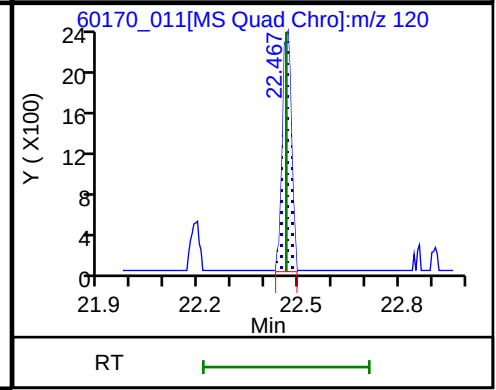
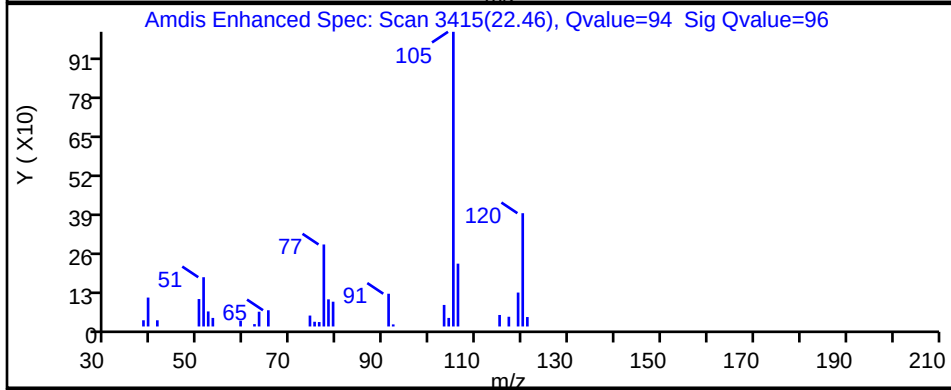
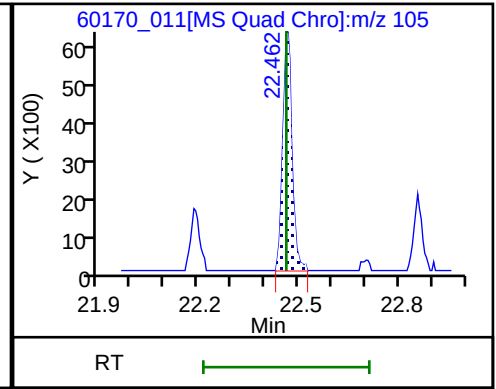
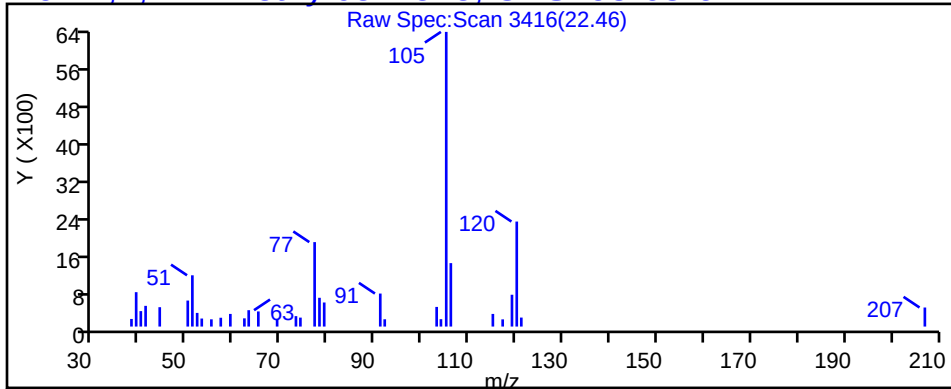
Dil. Factor: 2.0000

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

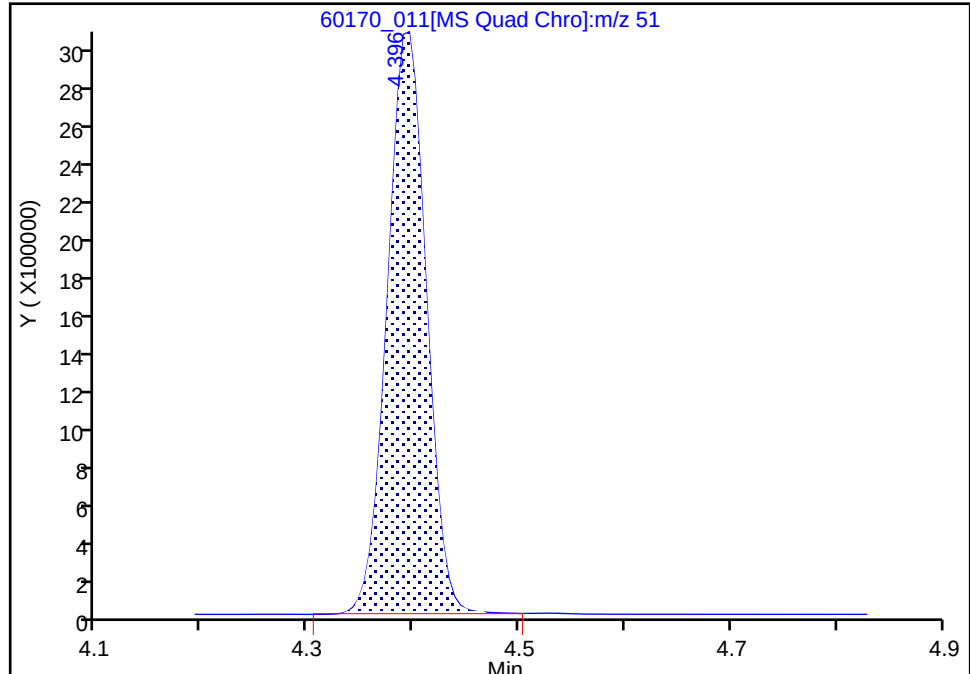
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_011.D				
Injection Date:	02-May-2024 16:30:21	Instrument ID:	CHAN.i		
Lims ID:	200-73340-A-4	Lab Sample ID:	200-73340-4		
Client ID:	SVE-X_20240430				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
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

Signal: 1

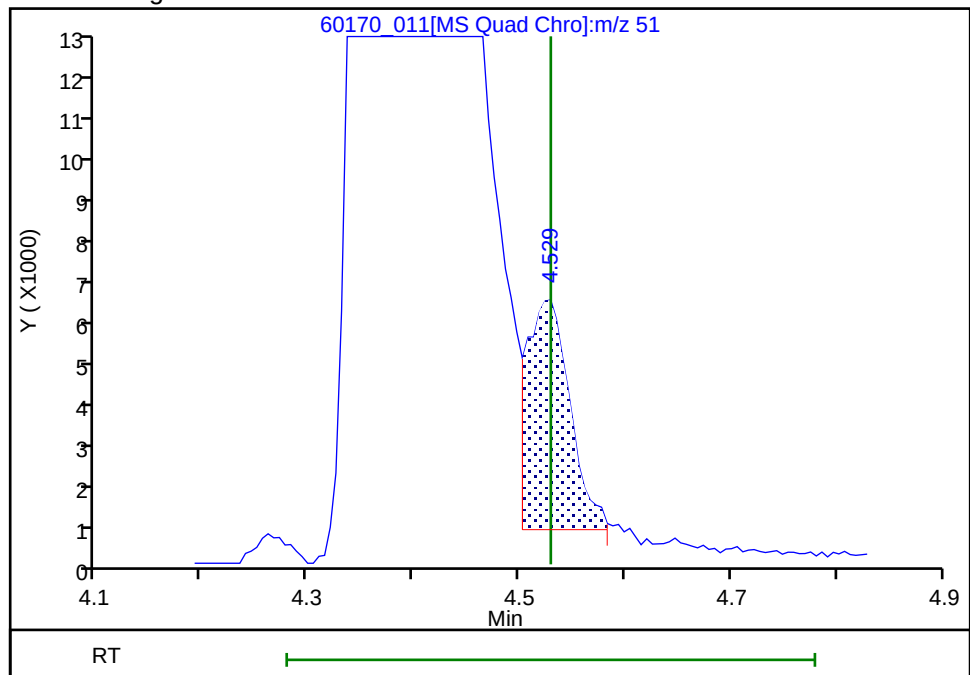
RT: 4.40
Area: 7857939
Amount: 122.7428
Amount Units: ppb v/v

Processing Integration Results



RT: 4.53
Area: 15745
Amount: 0.245941
Amount Units: ppb v/v

Manual Integration Results



Reviewer: F7XK, 03-May-2024 09:31:19 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

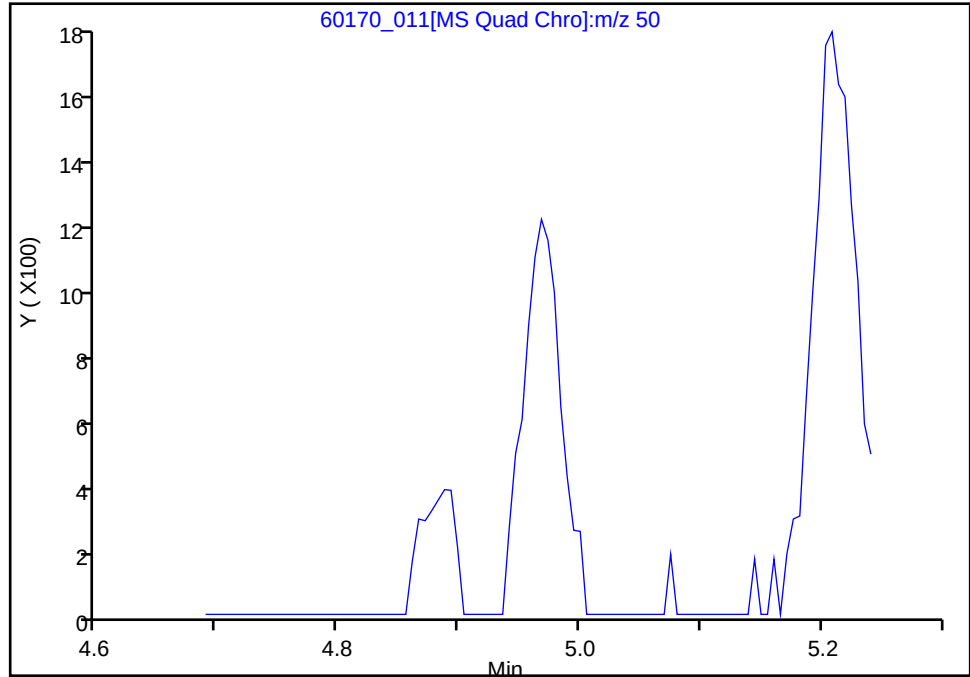
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_011.D				
Injection Date:	02-May-2024 16:30:21	Instrument ID:	CHAN.i		
Lims ID:	200-73340-A-4	Lab Sample ID:	200-73340-4		
Client ID:	SVE-X_20240430				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
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

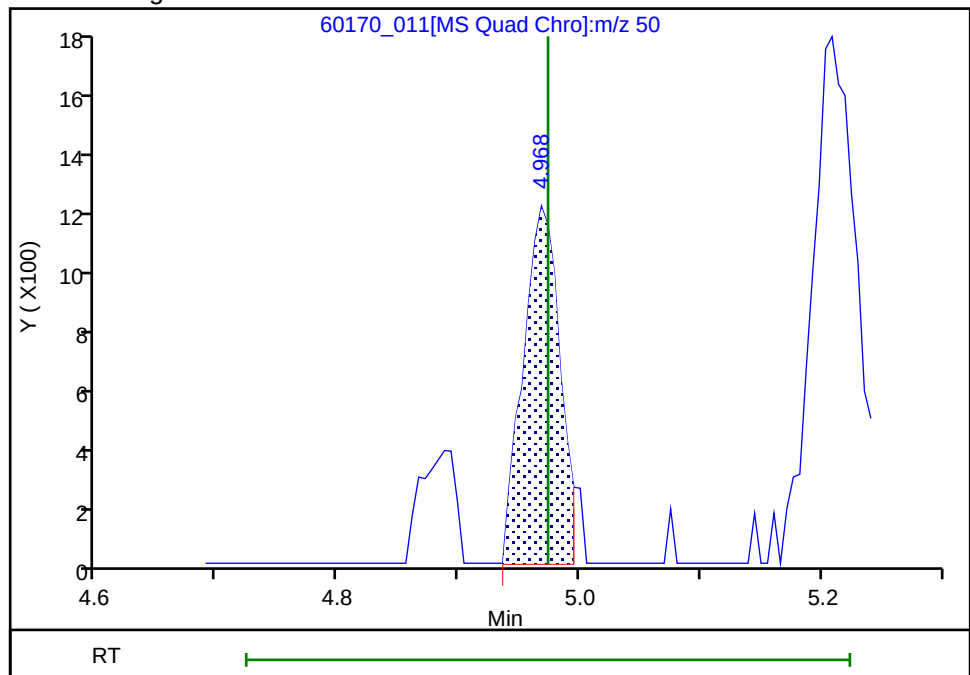
Signal: 1

Not Detected
Expected RT: 4.97

Processing Integration Results



Manual Integration Results



RT: 4.97
Area: 2448
Amount: 0.062389
Amount Units: ppb v/v

Reviewer: F7XK, 03-May-2024 09:32:57 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

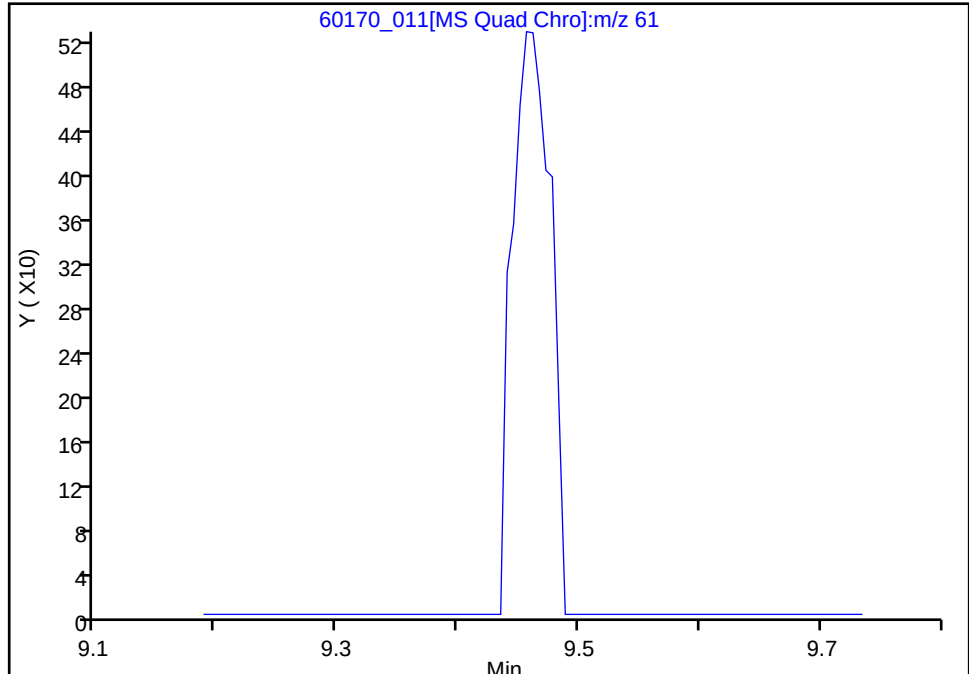
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_011.D				
Injection Date:	02-May-2024 16:30:21	Instrument ID:	CHAN.i		
Lims ID:	200-73340-A-4	Lab Sample ID:	200-73340-4		
Client ID:	SVE-X_20240430				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN		

30 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

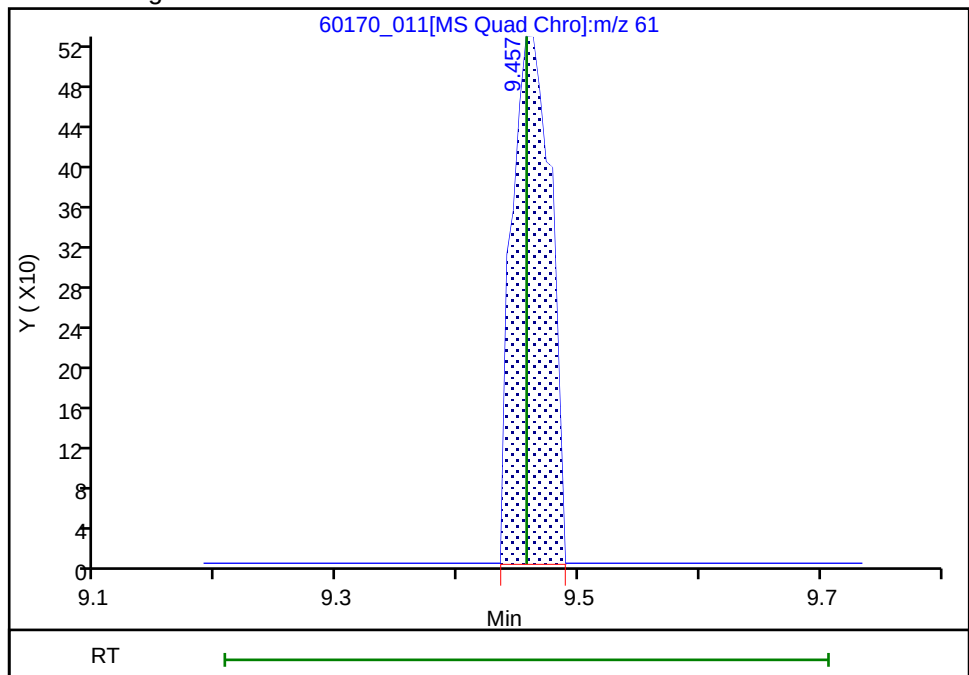
Not Detected
Expected RT: 9.46

Processing Integration Results



RT: 9.46
Area: 1175
Amount: 0.024629
Amount Units: ppb v/v

Manual Integration Results



Reviewer: F7XK, 03-May-2024 09:33:54 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

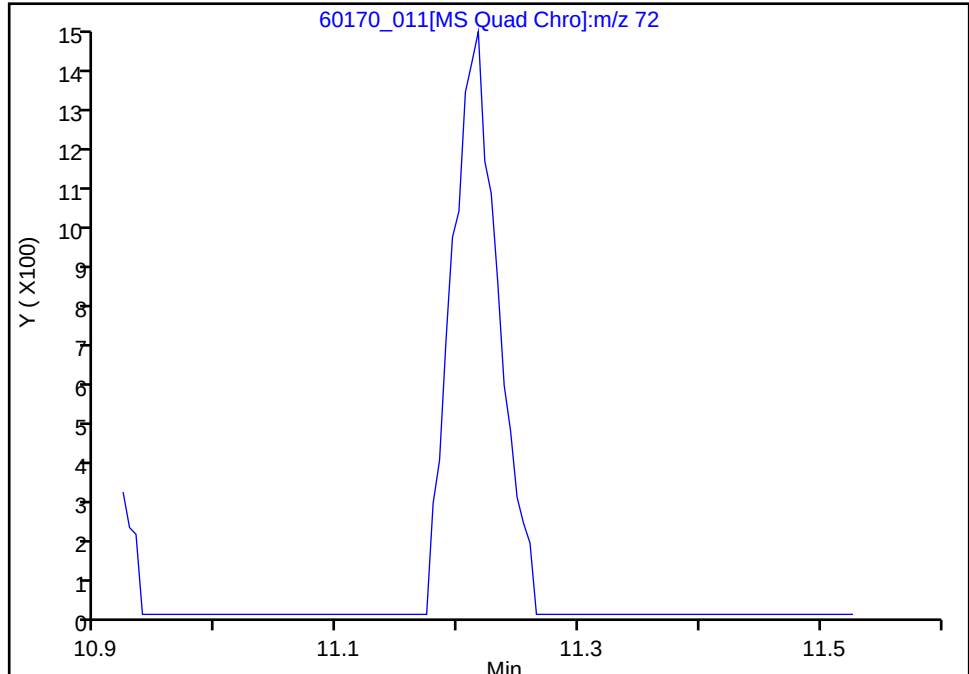
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_011.D				
Injection Date:	02-May-2024 16:30:21	Instrument ID:	CHAN.i		
Lims ID:	200-73340-A-4	Lab Sample ID:	200-73340-4		
Client ID:	SVE-X_20240430				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN		

36 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

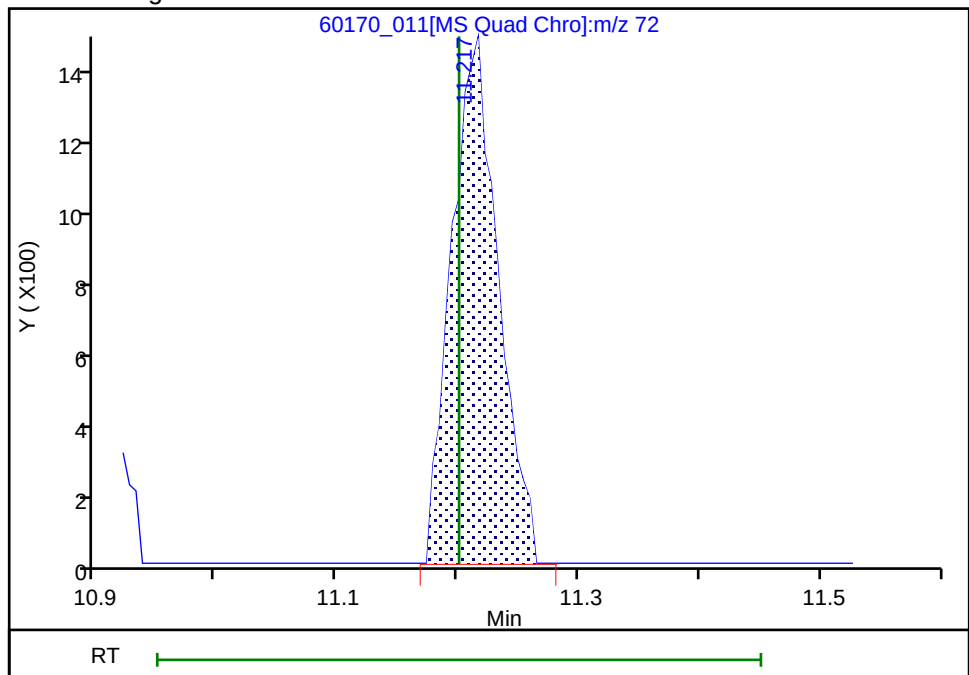
Not Detected
Expected RT: 11.20

Processing Integration Results



RT: 11.22
Area: 3967
Amount: 0.273582
Amount Units: ppb v/v

Manual Integration Results



Reviewer: F7XK, 03-May-2024 09:34:21 07:00:00 (UTC)

Audit Action: Manually Integrated

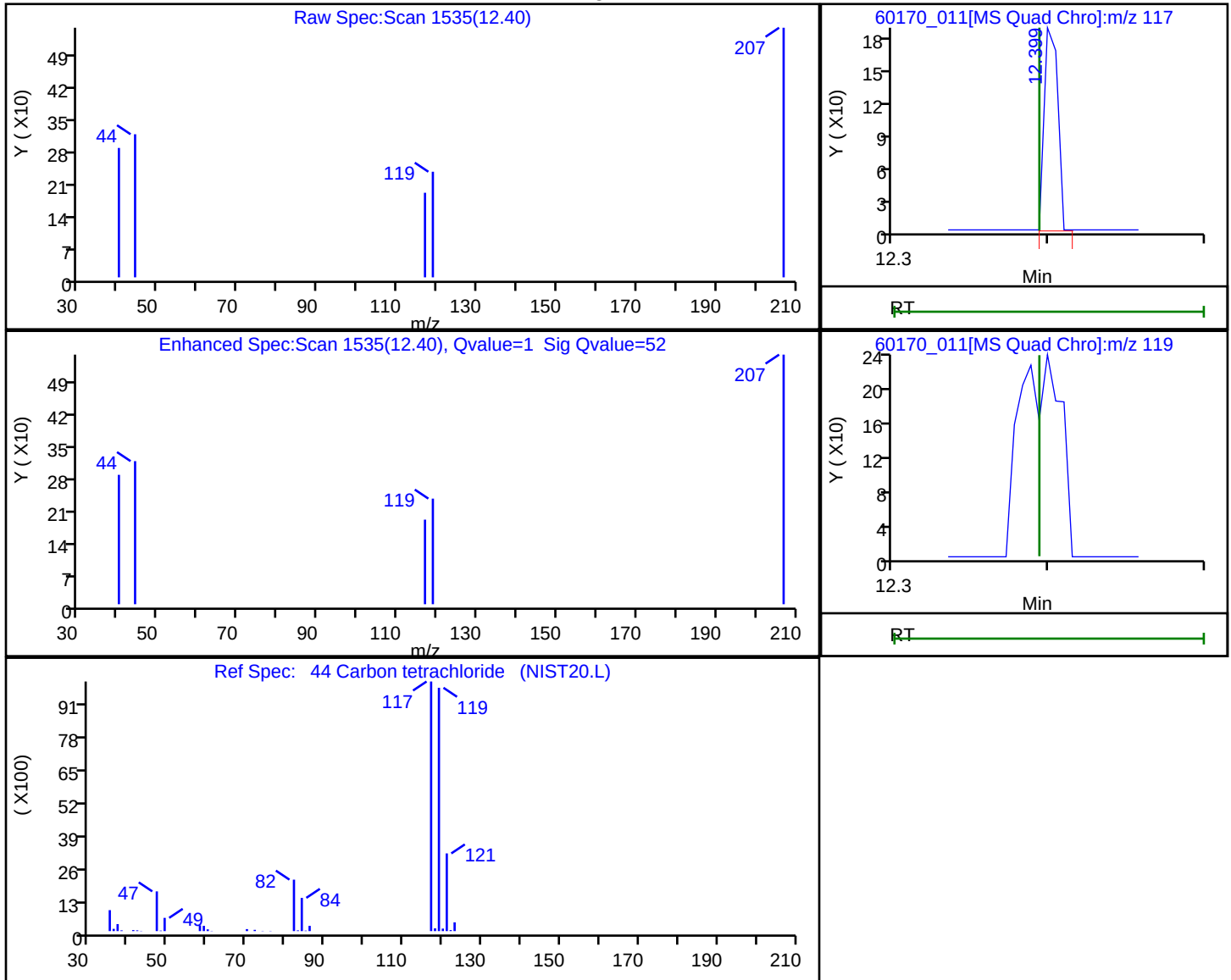
Audit Reason: Assign Peak

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_011.D
Injection Date: 02-May-2024 16:30:21 Instrument ID: CHAN.i
Lims ID: 200-73340-A-4 Lab Sample ID: 200-73340-4
Client ID: SVE-X_20240430
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 2.0000
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

Processing Results



RT	Mass	Response	Amount
12.40	117.00	112	0.002179
12.39	119.00	0	

Reviewer: F7XK, 03-May-2024 09:35:13 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

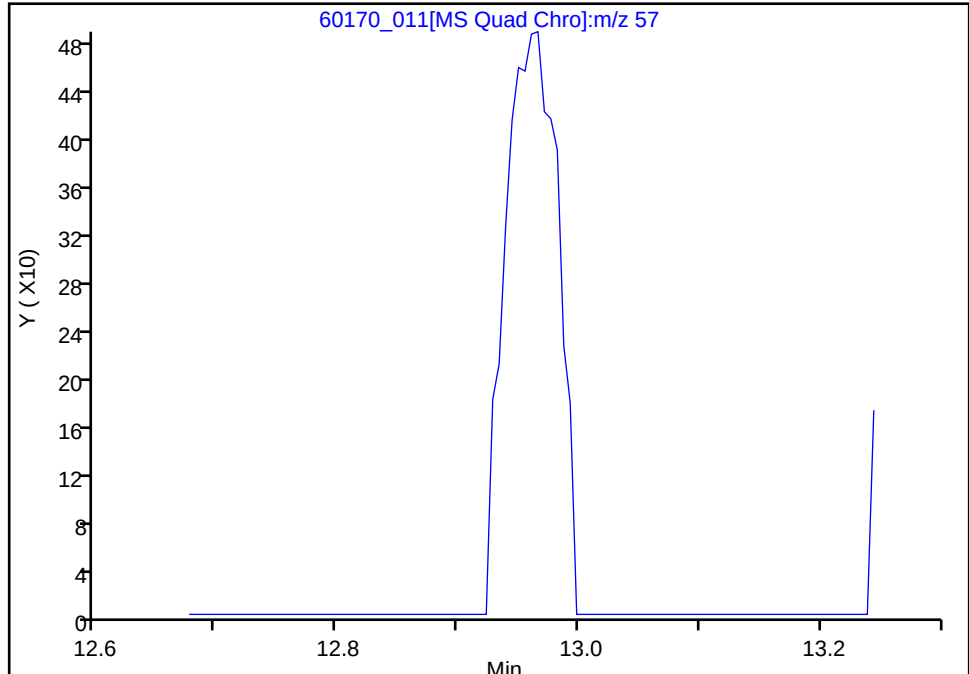
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_011.D				
Injection Date:	02-May-2024 16:30:21	Instrument ID:	CHAN.i		
Lims ID:	200-73340-A-4	Lab Sample ID:	200-73340-4		
Client ID:	SVE-X_20240430				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
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

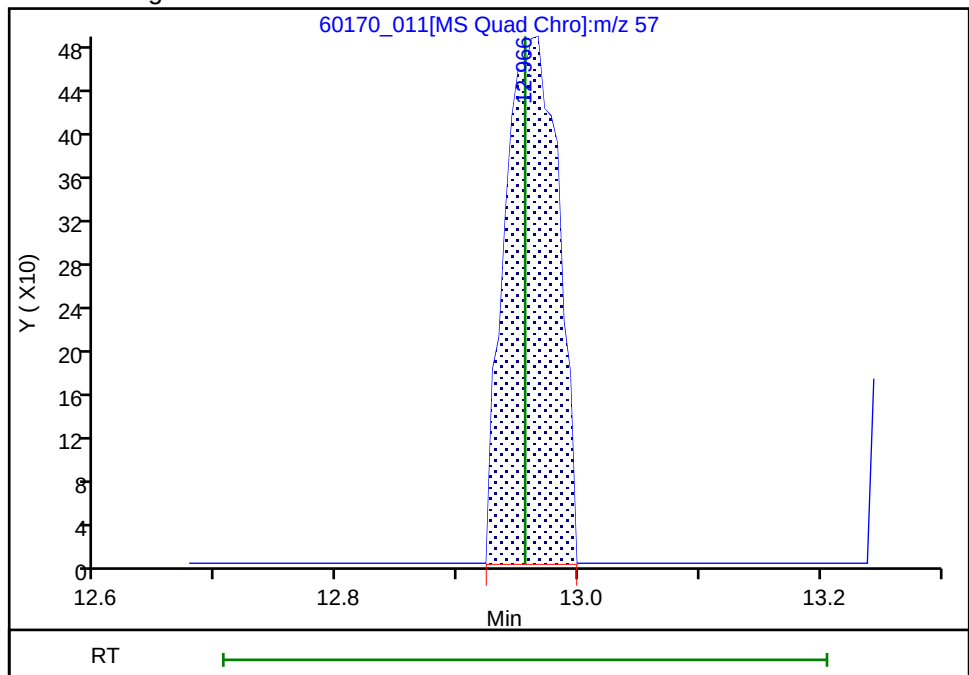
Not Detected
Expected RT: 12.96

Processing Integration Results



RT: 12.97
Area: 1490
Amount: 0.010096
Amount Units: ppb v/v

Manual Integration Results



Reviewer: F7XK, 03-May-2024 09:35:34 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

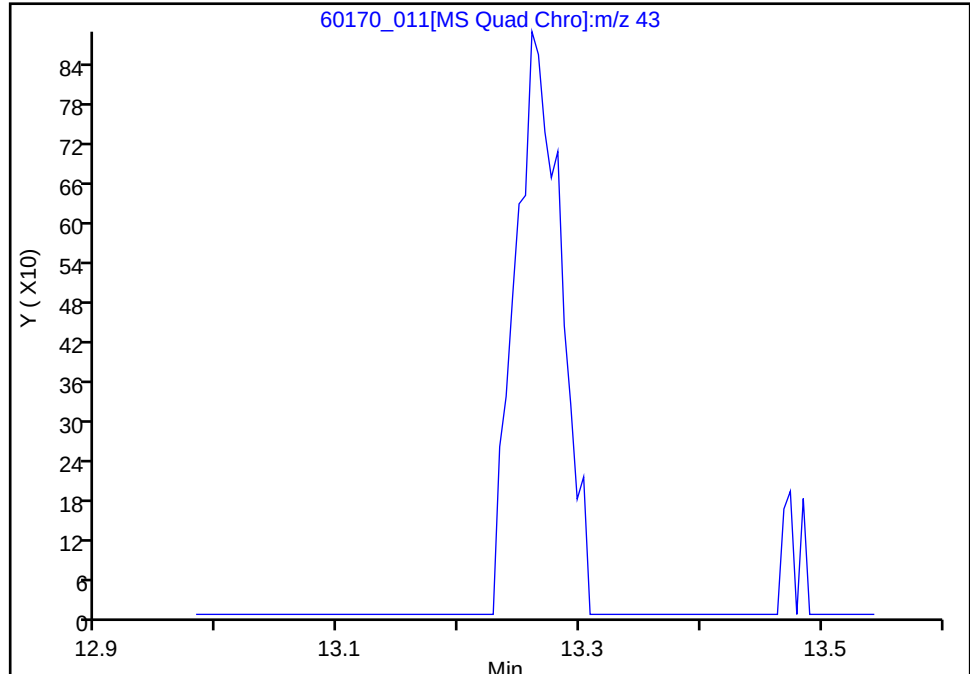
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_011.D				
Injection Date:	02-May-2024 16:30:21	Instrument ID:	CHAN.i		
Lims ID:	200-73340-A-4	Lab Sample ID:	200-73340-4		
Client ID:	SVE-X_20240430				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
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

Signal: 1

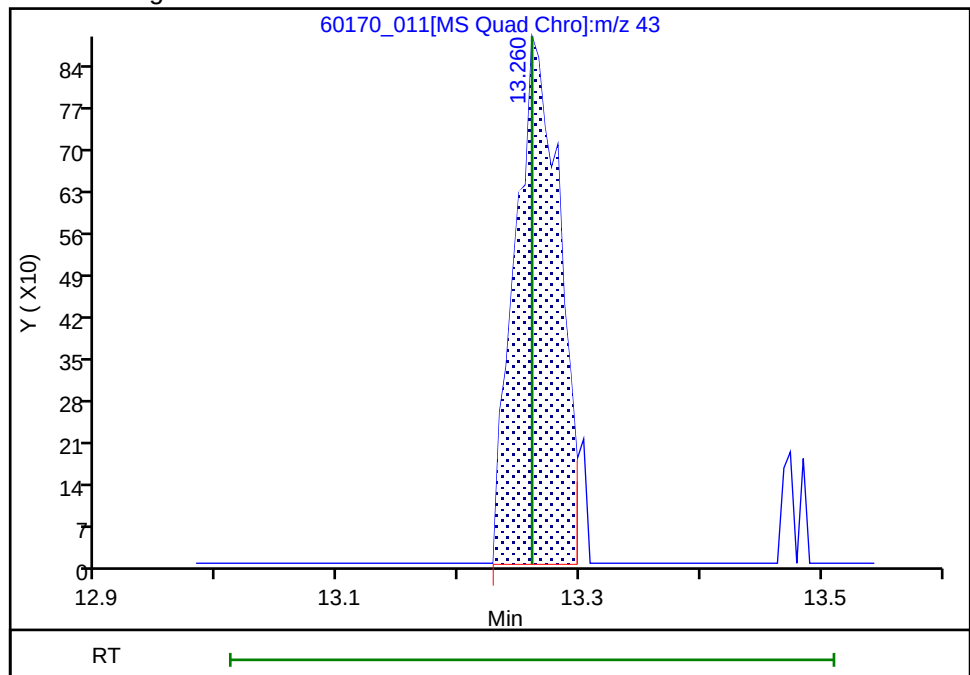
Not Detected
Expected RT: 13.26

Processing Integration Results



Manual Integration Results

RT: 13.26
Area: 2290
Amount: 0.038936
Amount Units: ppb v/v



Reviewer: F7XK, 03-May-2024 09:35:59 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

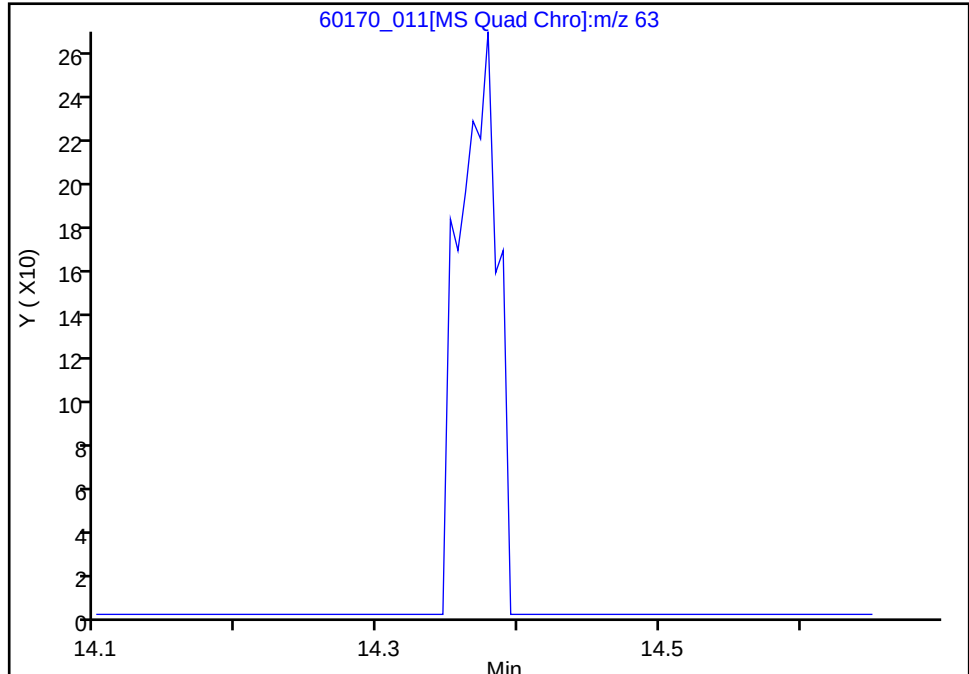
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_011.D				
Injection Date:	02-May-2024 16:30:21	Instrument ID:	CHAN.i		
Lims ID:	200-73340-A-4	Lab Sample ID:	200-73340-4		
Client ID:	SVE-X_20240430				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	2.0000		
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

Signal: 1

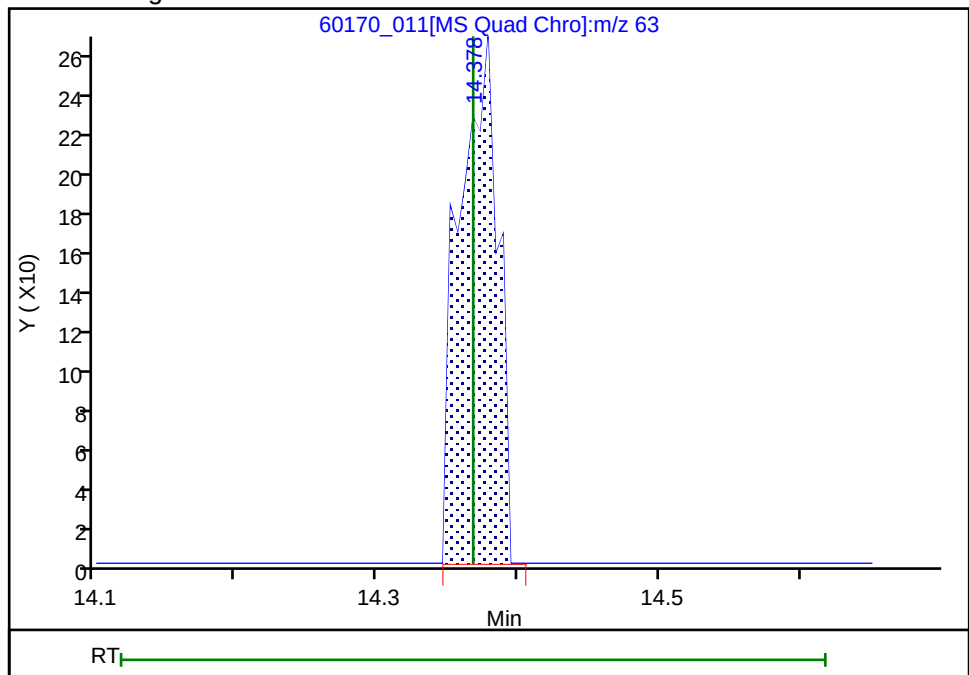
Not Detected
Expected RT: 14.37

Processing Integration Results



RT: 14.38
Area: 494
Amount: 0.013702
Amount Units: ppb v/v

Manual Integration Results



Reviewer: F7XK, 03-May-2024 09:36:24 07:00:00 (UTC)

Audit Action: Manually Integrated

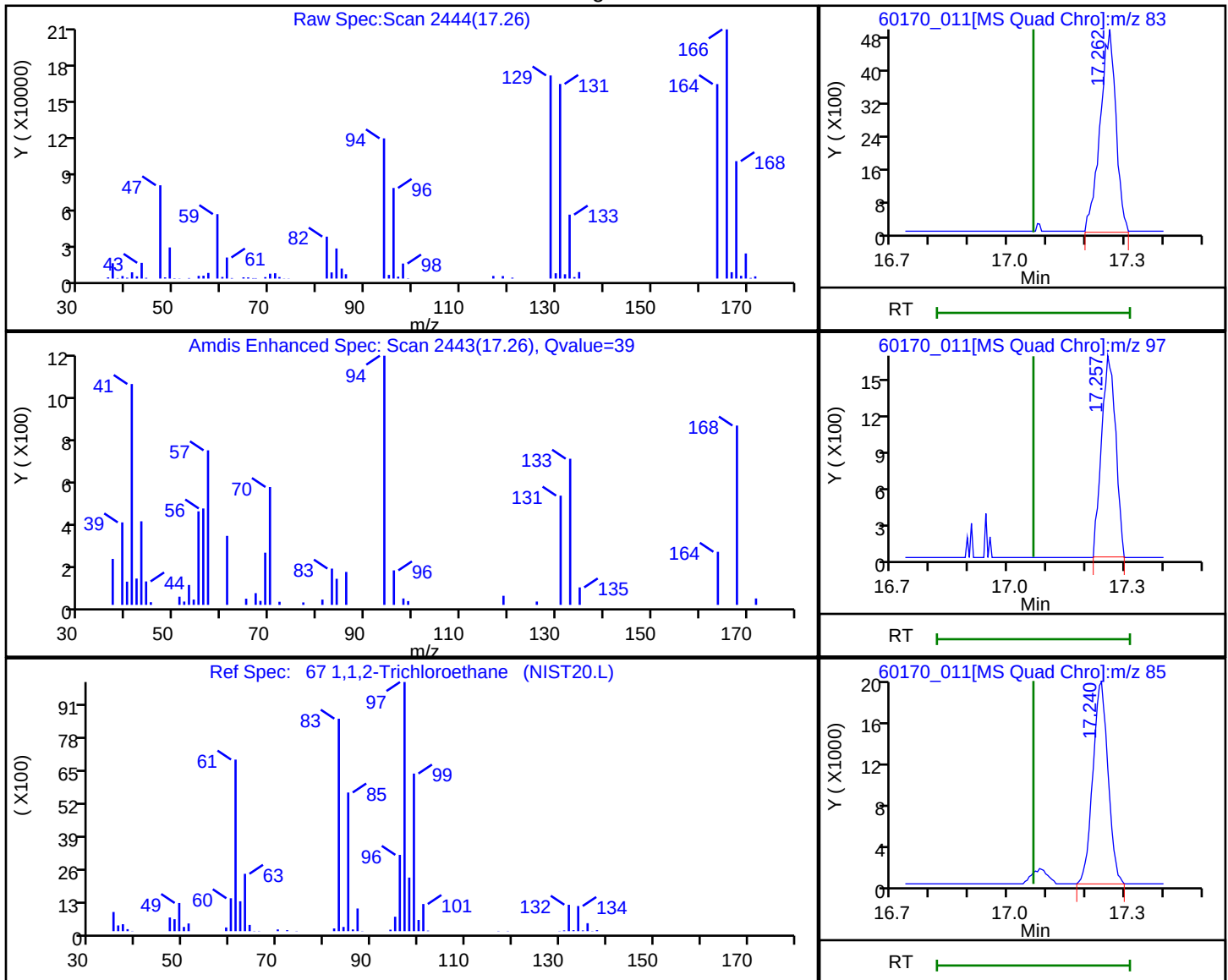
Audit Reason: Assign Peak

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_011.D
Injection Date: 02-May-2024 16:30:21 Instrument ID: CHAN.i
Lims ID: 200-73340-A-4 Lab Sample ID: 200-73340-4
Client ID: SVE-X_20240430
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 2.0000
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
17.26	83.00	13898	0.431945
17.26	97.00	4204	
17.24	85.00	52095	

Reviewer: F7XK, 03-May-2024 09:36:51 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

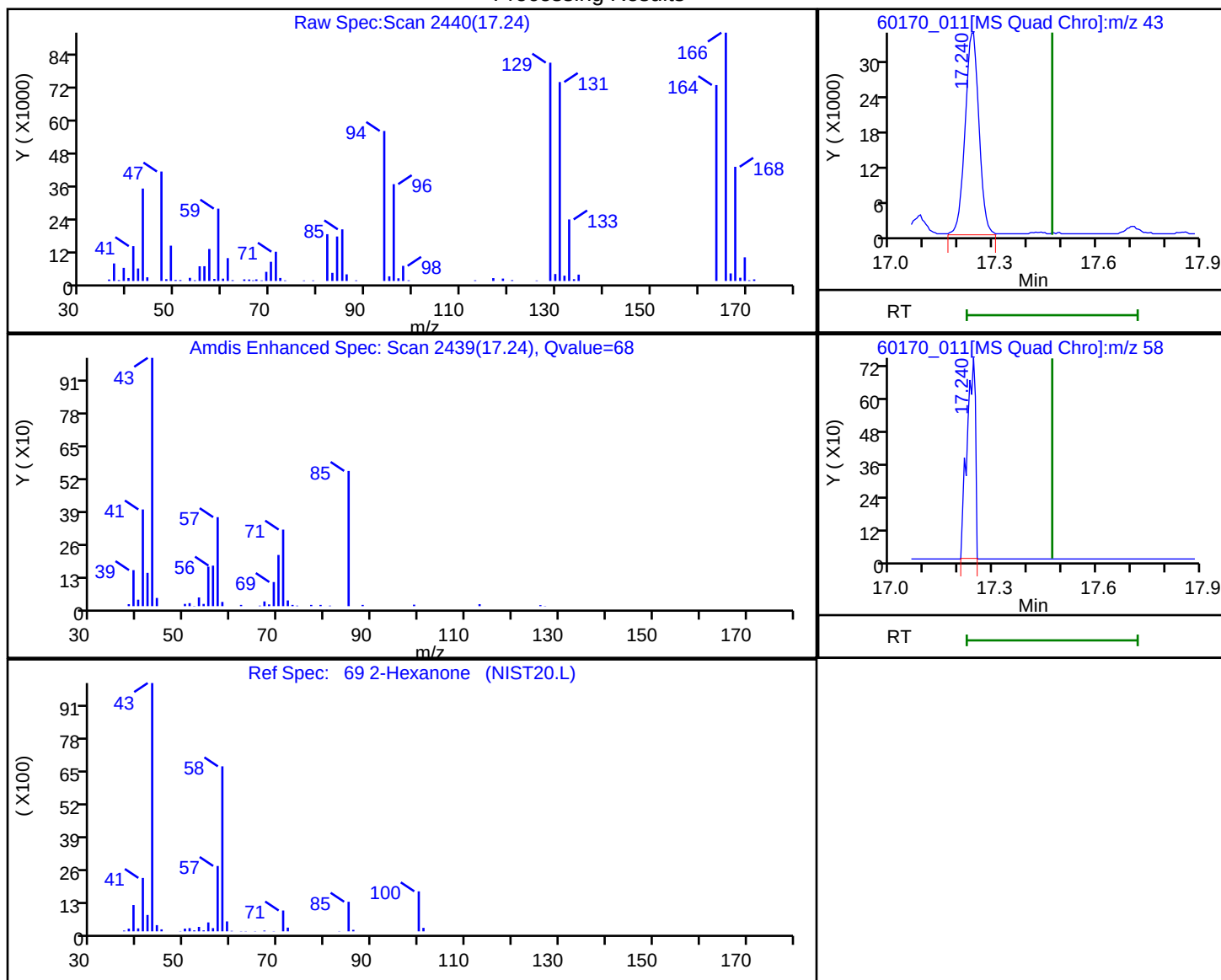
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_011.D
Injection Date: 02-May-2024 16:30:21 Instrument ID: CHAN.i
Lims ID: 200-73340-A-4 Lab Sample ID: 200-73340-4
Client ID: SVE-X_20240430
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 2.0000
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
17.24	43.00	95017	1.398336
17.24	58.00	1280	

Reviewer: F7XK, 03-May-2024 09:36:59 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

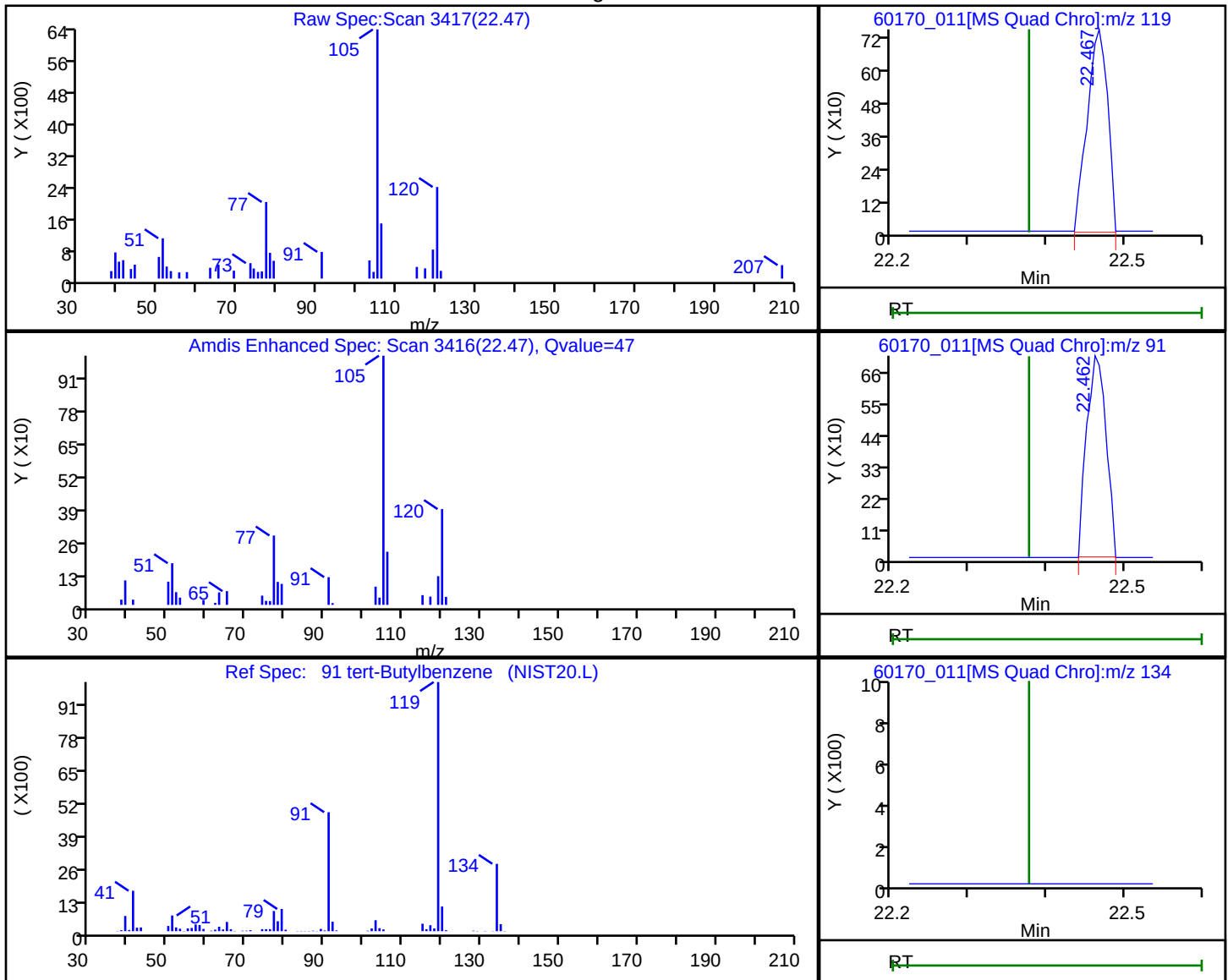
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_011.D
Injection Date: 02-May-2024 16:30:21 Instrument ID: CHAN.i
Lims ID: 200-73340-A-4 Lab Sample ID: 200-73340-4
Client ID: SVE-X_20240430
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 2.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

91 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
22.47	119.00	1351	0.013873
22.46	91.00	1248	
22.38	134.00	0	

Reviewer: F7XK, 03-May-2024 09:37:53 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

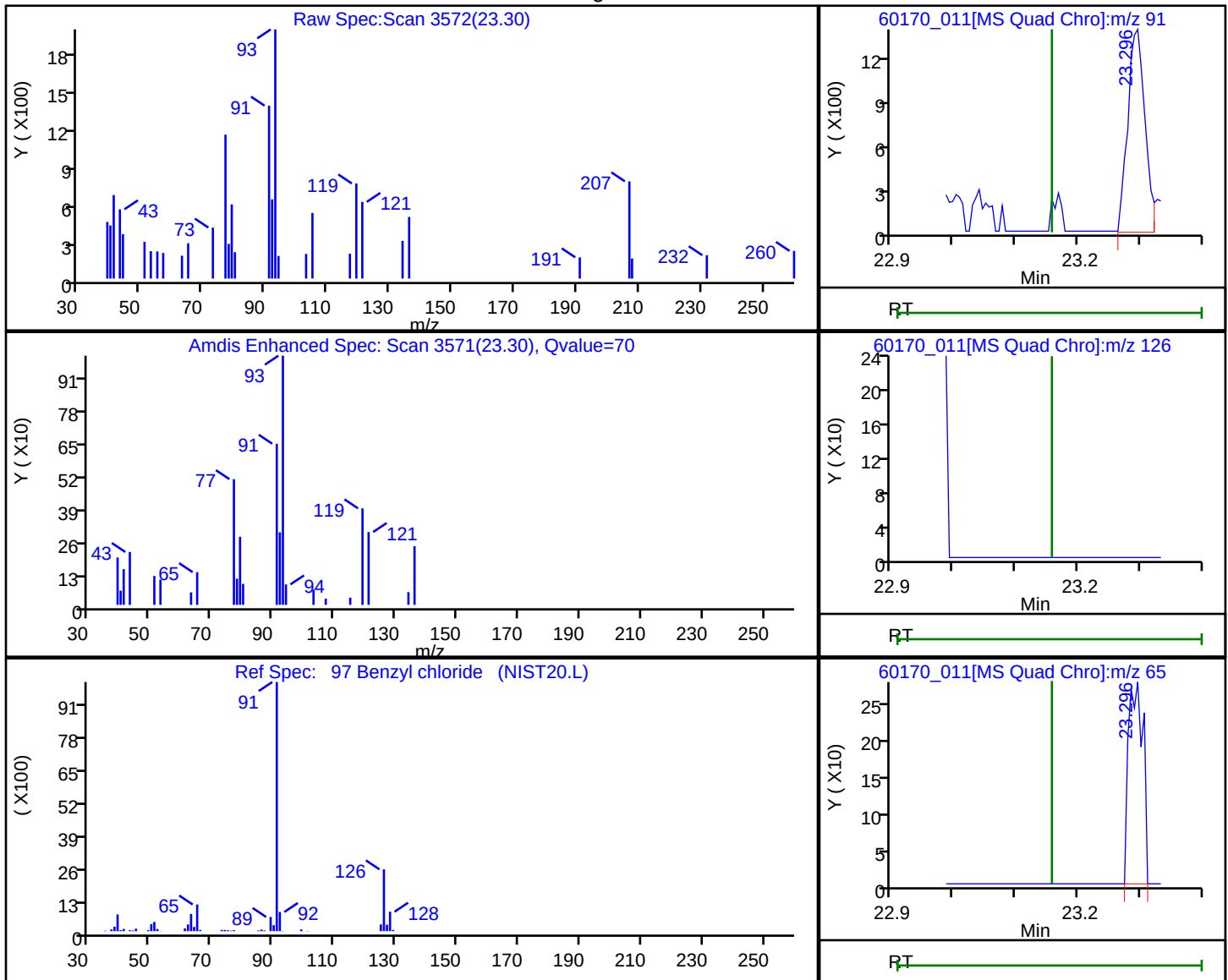
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_011.D
Injection Date: 02-May-2024 16:30:21 Instrument ID: CHAN.i
Lims ID: 200-73340-A-4 Lab Sample ID: 200-73340-4
Client ID: SVE-X_20240430
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 2.0000
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
23.30	91.00	2645	0.026608
23.16	126.00	0	
23.30	65.00	457	

Reviewer: F7XK, 03-May-2024 09:38:15 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

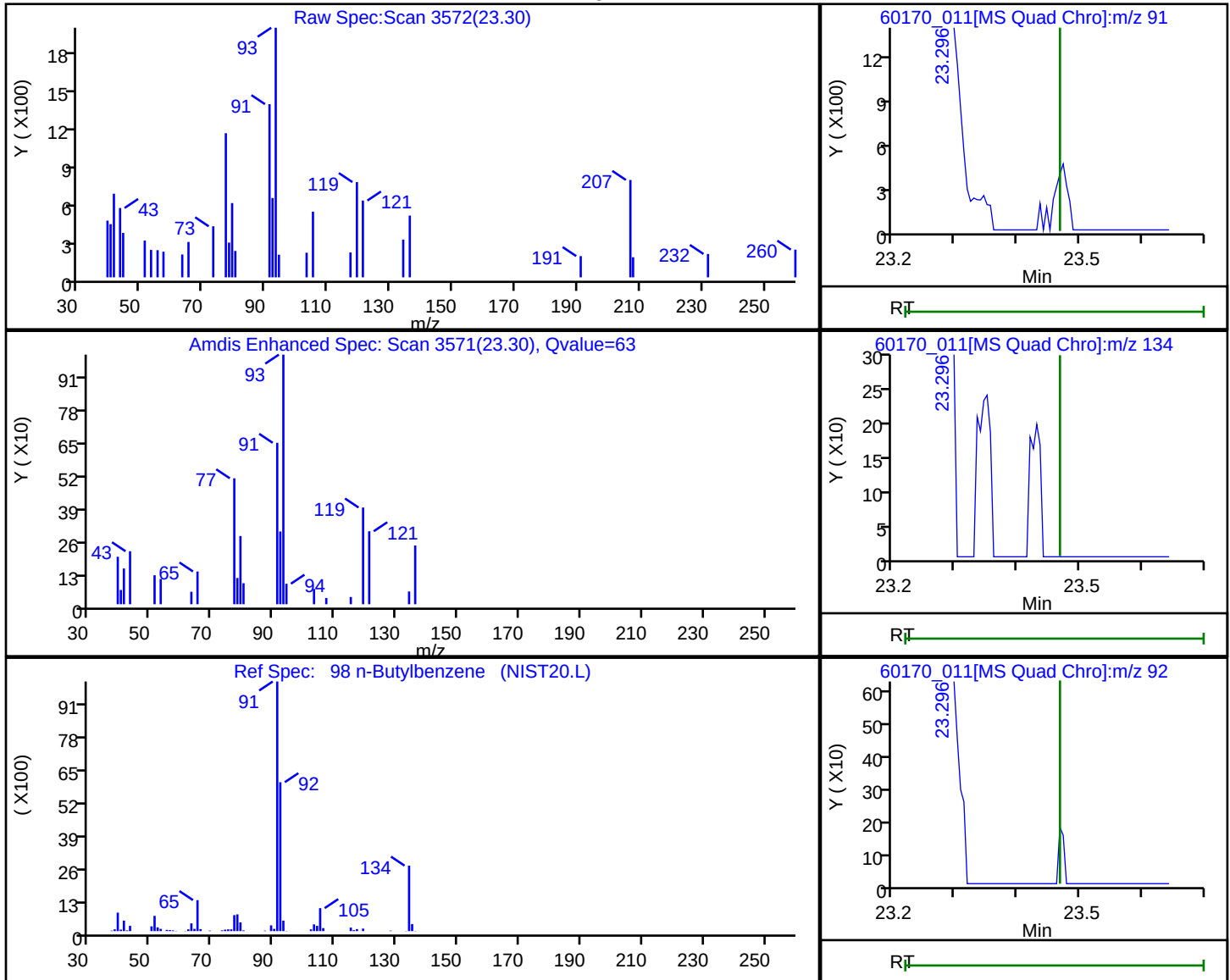
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_011.D
Injection Date: 02-May-2024 16:30:21 Instrument ID: CHAN.i
Lims ID: 200-73340-A-4 Lab Sample ID: 200-73340-4
Client ID: SVE-X_20240430
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 2.0000
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
23.30	91.00	2645	0.020144
23.30	134.00	215	
23.30	92.00	1031	

Reviewer: F7XK, 03-May-2024 09:38:21 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

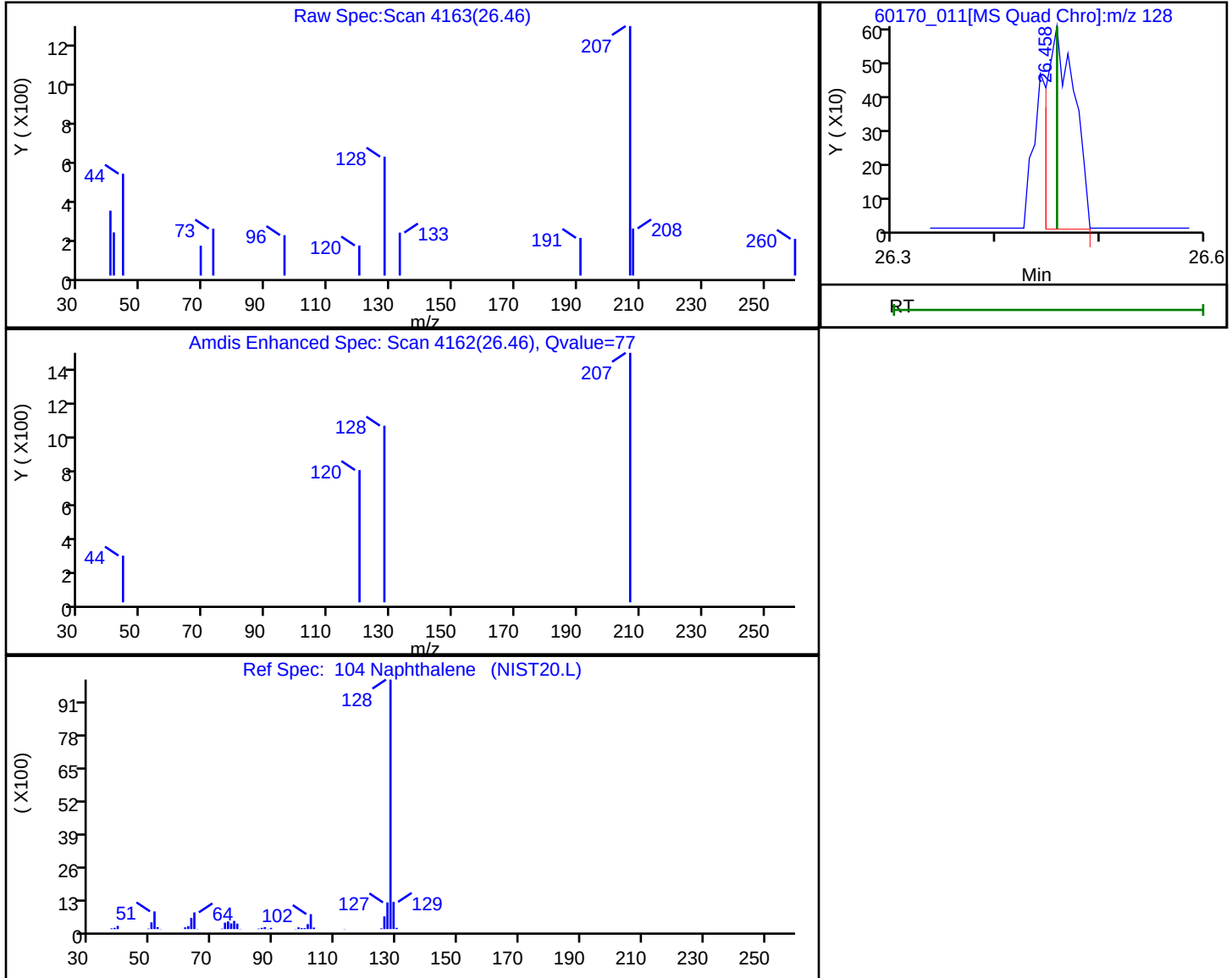
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_011.D
Injection Date: 02-May-2024 16:30:21 Instrument ID: CHAN.i
Lims ID: 200-73340-A-4 Lab Sample ID: 200-73340-4
Client ID: SVE-X_20240430
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 2.0000
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

Processing Results



RT	Mass	Response	Amount
26.46	128.00	1101	0.010803

Reviewer: F7XK, 03-May-2024 09:38:41 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.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-TB_20240430 Lab Sample ID: 200-73340-5

Matrix: Air Lab File ID: 60170_012.D

Analysis Method: TO-15 Date Collected: 04/30/2024 12:00

Sample wt/vol: 200 (mL) Date Analyzed: 05/02/2024 17:22

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.: 203676 Units: ppb v/v

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	0.29	J	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	0.20	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	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
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

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-TB_20240430 Lab Sample ID: 200-73340-5

Matrix: Air Lab File ID: 60170_012.D

Analysis Method: TO-15 Date Collected: 04/30/2024 12:00

Sample wt/vol: 200 (mL) Date Analyzed: 05/02/2024 17:22

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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
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	methyl isobutyl ketone	100.16	0.17	J	0.50	0.13
108-88-3	Toluene	92.14	2.1		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	0.050	J	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	0.099	J	0.50	0.095
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.063
1330-20-7	Xylene (total)	106.17	0.099	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
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

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-TB_20240430 Lab Sample ID: 200-73340-5
 Matrix: Air Lab File ID: 60170_012.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 12:00
 Sample wt/vol: 200 (mL) Date Analyzed: 05/02/2024 17:22
 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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
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.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-TB_20240430 Lab Sample ID: 200-73340-5

Matrix: Air Lab File ID: 60170_012.D

Analysis Method: TO-15 Date Collected: 04/30/2024 12:00

Sample wt/vol: 200 (mL) Date Analyzed: 05/02/2024 17:22

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.: 203676 Units: ug/m3

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	0.90	J	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	0.69	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	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
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

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-TB_20240430 Lab Sample ID: 200-73340-5

Matrix: Air Lab File ID: 60170_012.D

Analysis Method: TO-15 Date Collected: 04/30/2024 12:00

Sample wt/vol: 200 (mL) Date Analyzed: 05/02/2024 17:22

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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
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	methyl isobutyl ketone	100.16	0.70	J	2.0	0.53
108-88-3	Toluene	92.14	7.9		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	0.34	J	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	0.43	J	2.2	0.41
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.27
1330-20-7	Xylene (total)	106.17	0.43	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
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

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-TB_20240430 Lab Sample ID: 200-73340-5
 Matrix: Air Lab File ID: 60170_012.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 12:00
 Sample wt/vol: 200 (mL) Date Analyzed: 05/02/2024 17:22
 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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
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\20240502-60170.b\60170_012.D
 Lims ID: 200-73340-A-5
 Client ID: SVE-TB_20240430
 Sample Type: Client
 Inject. Date: 02-May-2024 17:22:02 ALS Bottle#: 0 Worklist Smp#: 12
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0060170-012
 Misc. Info.: 73340-5
 Operator ID: wrd Instrument ID: CHAN.i
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 03-May-2024 09:44:09 Calib Date: 16-Apr-2024 00:40:13
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_014.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1653

First Level Reviewer: F7XK

Date: 03-May-2024 09:44:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85		4.487				ND	7
3 Chlorodifluoromethane	51		4.530				ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.856				ND	
5 Chloromethane	50	4.979	4.979	0.005	86	1630	0.0420	M
6 Vinyl chloride	62		5.273				ND	
7 Butane	43		5.273				ND	7
8 Butadiene	54		5.385				ND	7
9 Bromomethane	94		6.108				ND	
10 Chloroethane	64		6.386				ND	
13 Vinyl bromide	106		6.809				ND	
14 Trichlorofluoromethane	101		6.969				ND	
20 1,1-Dichloroethene	96		8.034				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.071				ND	
22 Acetone	43	8.130	8.114	0.016	99	57656	1.09	
23 Isopropyl alcohol	45	8.429	8.408	0.021	55	10806	0.2092	
24 Carbon disulfide	76	8.435	8.435	0.000	100	25061	0.2879	
26 3-Chloro-1-propene	41		8.729				ND	7
27 Methylene Chloride	49	8.959	8.959	0.000	91	4322	0.1084	
28 2-Methyl-2-propanol	59	9.194	9.173	0.021	95	10514	0.1745	
30 trans-1,2-Dichloroethene	61		9.457				ND	
31 Methyl tert-butyl ether	73		9.462				ND	
32 Hexane	57	9.965	9.965	0.000	90	9421	0.1952	
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
33 1,1-Dichloroethane	63		10.227				ND	
36 2-Butanone (MEK)	72	11.217	11.217	0.016	99	6786	0.4727	
37 cis-1,2-Dichloroethene	96		11.227				ND	7
* 39 Chlorobromomethane	128	11.639	11.634	0.005	95	138000	10.0	
40 Tetrahydrofuran	42		11.671				ND	
41 Chloroform	83		11.816				ND	
42 1,1,1-Trichloroethane	97		12.121				ND	
43 Cyclohexane	84		12.255				ND	7

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
44 Carbon tetrachloride	117		12.394				ND	
45 Benzene	78	12.747	12.741	0.006	95	3317	0.0383	
46 1,2-Dichloroethane	62		12.822				ND	
47 Isooctane	57		12.955				ND	
48 n-Heptane	43	13.260	13.260	0.000	68	1990	0.0339	M
* 49 1,4-Difluorobenzene	114	13.480	13.474	0.006	96	671057	10.0	
51 Trichloroethene	95		13.908				ND	
53 1,2-Dichloropropane	63	14.373	14.373	0.005	1	566	0.0157	7M
54 Methyl methacrylate	69		14.448				ND	
55 1,4-Dioxane	88		14.491				ND	
58 Dichlorobromomethane	83		14.833				ND	
59 cis-1,3-Dichloropropene	75		15.636				ND	
61 4-Methyl-2-pentanone (MIBK)	43	15.908	15.898	0.010	98	12573	0.1697	
62 Toluene	92	16.278	16.272	0.006	93	118452	2.10	
66 trans-1,3-Dichloropropene	75		16.690				ND	
67 1,1,2-Trichloroethane	83		17.064				ND	MU
68 Tetrachloroethene	166	17.273	17.262	0.011	73	1748	0.0499	
69 2-Hexanone	43		17.471				ND	MU
70 Chlorodibromomethane	129		17.797				ND	
71 Ethylene Dibromide	107		18.038				ND	
* 73 Chlorobenzene-d5	117	18.952	18.953	-0.001	90	603117	10.0	
74 Chlorobenzene	112		19.011				ND	
75 Ethylbenzene	91	19.199	19.199	0.000	95	3130	0.0248	
76 m-Xylene & p-Xylene	106	19.450	19.455	-0.011	0	4357	0.0994	
S 80 Xylenes, Total	106				0		0.1292	
78 o-Xylene	106	20.231	20.236	0.000	94	1259	0.0298	
79 Styrene	104	20.258	20.263	-0.005	81	1377	0.0204	
81 Bromoform	173		20.600				ND	
82 Isopropylbenzene	105		20.911				ND	7
83 1,1,2,2-Tetrachloroethane	83		21.419				ND	
85 N-Propylbenzene	91		21.617				ND	7
86 2-Chlorotoluene	91		21.761				ND	7
87 4-Ethyltoluene	105		21.809				ND	7
88 1,3,5-Trimethylbenzene	105		21.900				ND	7
91 tert-Butylbenzene	119		22.376				ND	7
92 1,2,4-Trimethylbenzene	105	22.467	22.467	0.005	75	4529	0.0428	M
93 sec-Butylbenzene	105		22.697				ND	
94 1,3-Dichlorobenzene	146		22.874				ND	7
95 4-Isopropyltoluene	119		22.911				ND	7
96 1,4-Dichlorobenzene	146		23.013				ND	7
97 Benzyl chloride	91		23.157				ND	7
98 n-Butylbenzene	91		23.468				ND	7
99 1,2-Dichlorobenzene	146		23.505				ND	
102 1,2,4-Trichlorobenzene	180		25.971				ND	
103 Hexachlorobutadiene	225		26.218				ND	
104 Naphthalene	128	26.458	26.458	0.000	96	7889	0.0776	

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

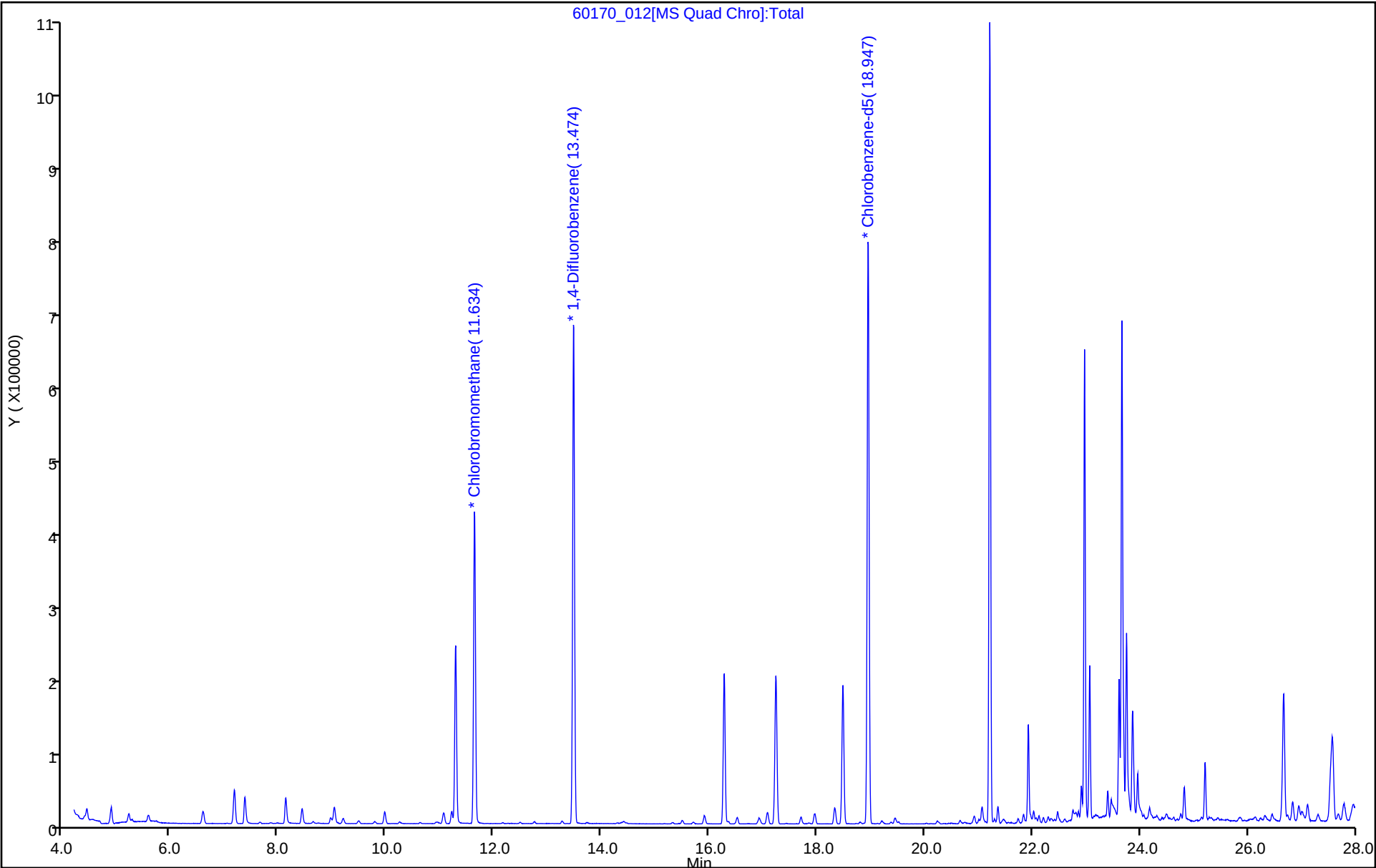
Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_012.D
Injection Date: 02-May-2024 17:22:02 Instrument ID: CHAN.i
Lims ID: 200-73340-A-5 Lab Sample ID: 200-73340-5
Client ID: SVE-TB_20240430
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)

Operator ID: wrd
Worklist Smp#: 12
ALS Bottle#: 0

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



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_012.D

Injection Date: 02-May-2024 17:22:02

Instrument ID: CHAN.i

Lims ID: 200-73340-A-5

Lab Sample ID: 200-73340-5

Client ID: SVE-TB_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 12

Purge Vol: 200.000 mL

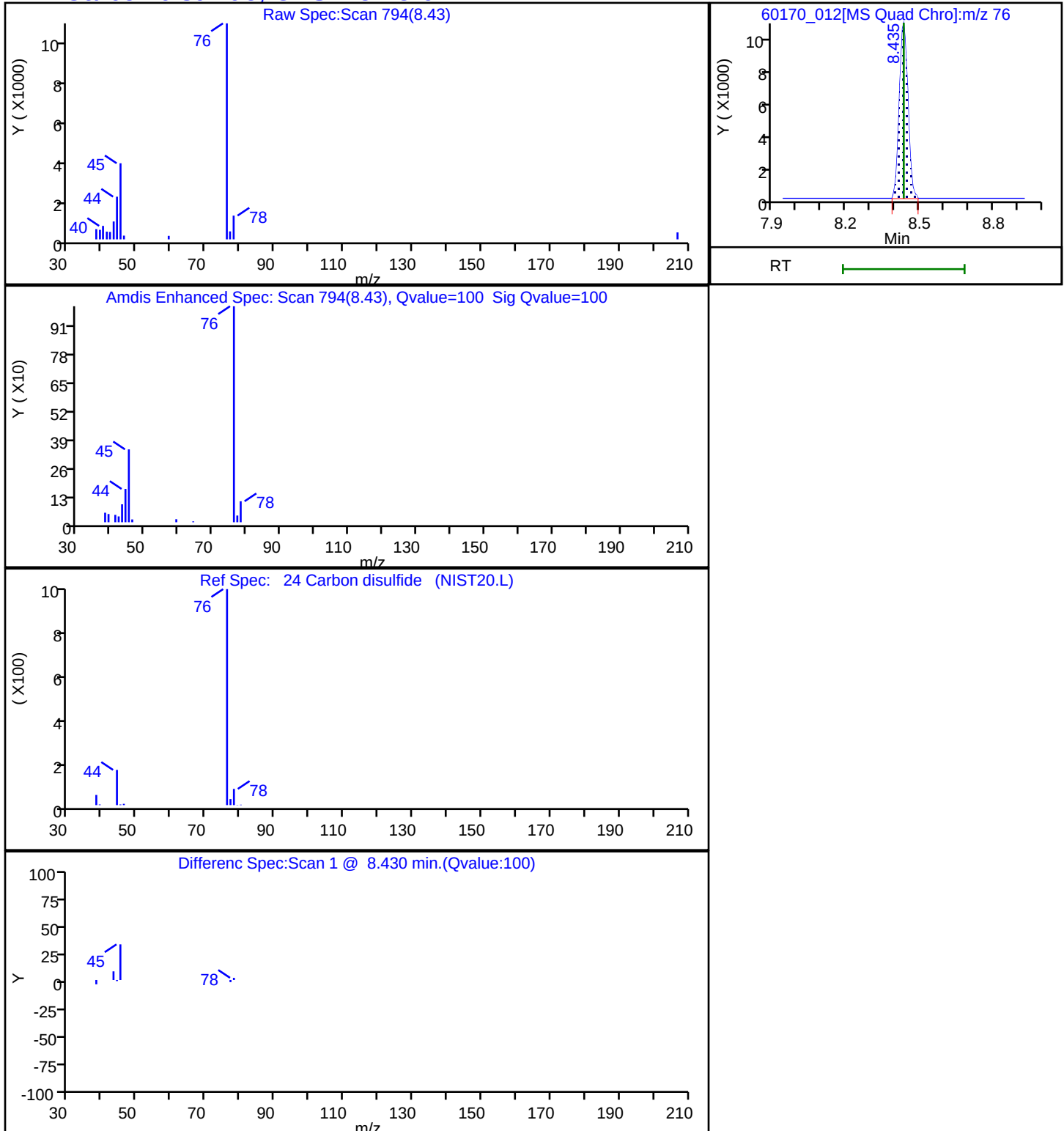
Dil. Factor: 1.0000

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\20240502-60170.b\60170_012.D

Injection Date: 02-May-2024 17:22:02

Instrument ID: CHAN.i

Lims ID: 200-73340-A-5

Lab Sample ID: 200-73340-5

Client ID: SVE-TB_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 12

Purge Vol: 200.000 mL

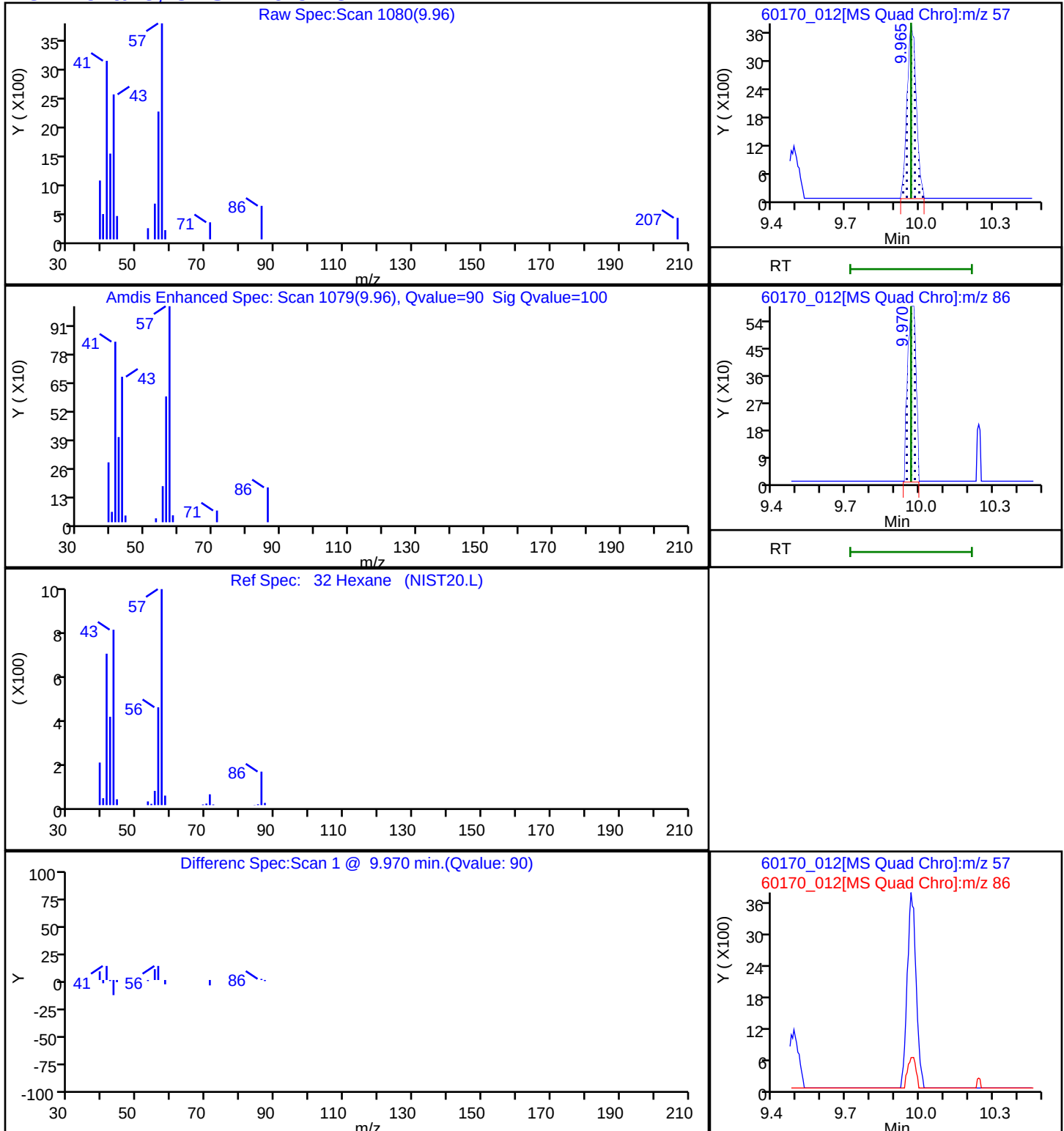
Dil. Factor: 1.0000

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\20240502-60170.b\60170_012.D

Injection Date: 02-May-2024 17:22:02

Instrument ID: CHAN.i

Lims ID: 200-73340-A-5

Lab Sample ID: 200-73340-5

Client ID: SVE-TB_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 12

Purge Vol: 200.000 mL

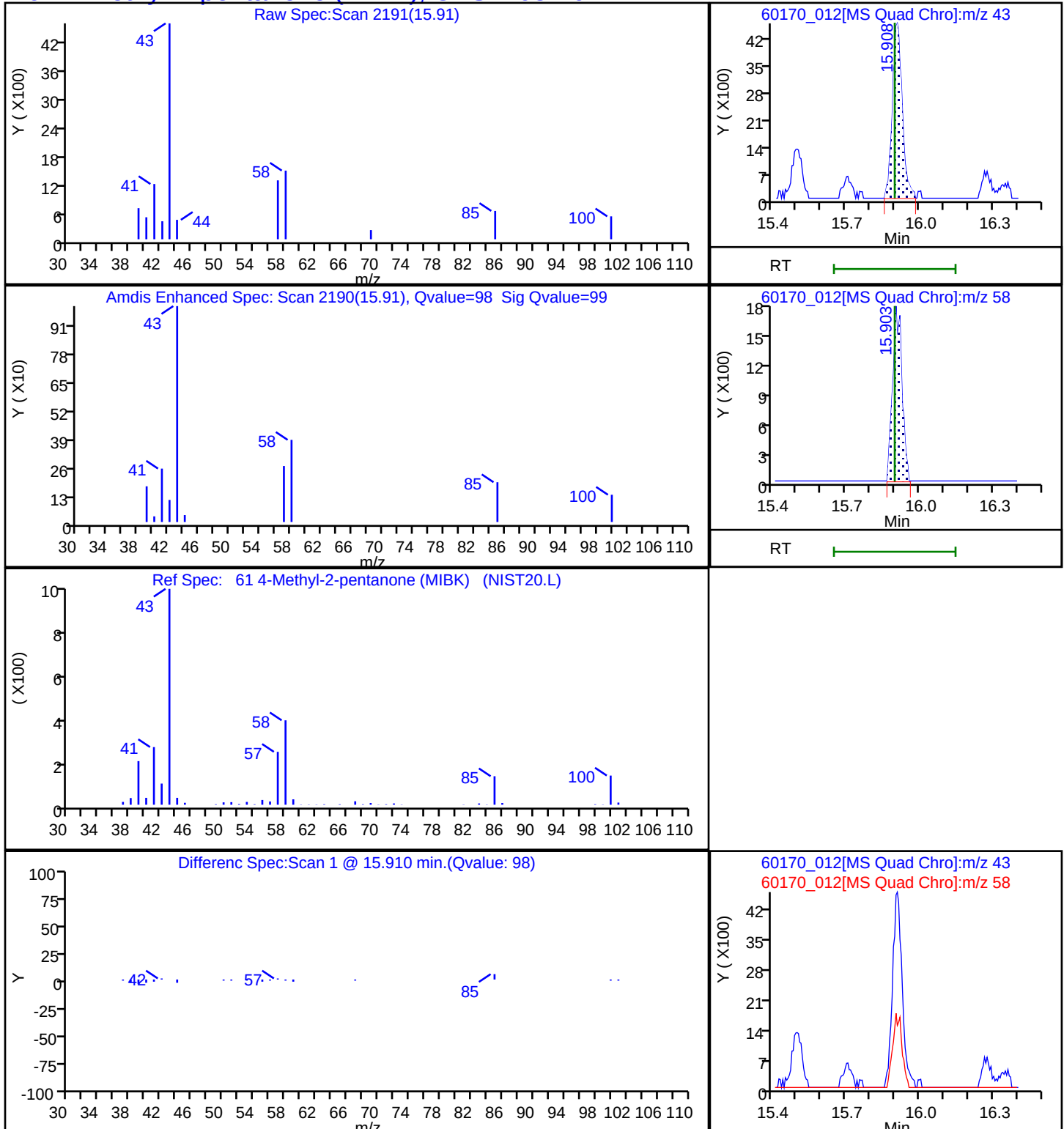
Dil. Factor: 1.0000

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\20240502-60170.b\60170_012.D

Injection Date: 02-May-2024 17:22:02

Instrument ID: CHAN.i

Lims ID: 200-73340-A-5

Lab Sample ID: 200-73340-5

Client ID: SVE-TB_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 12

Purge Vol: 200.000 mL

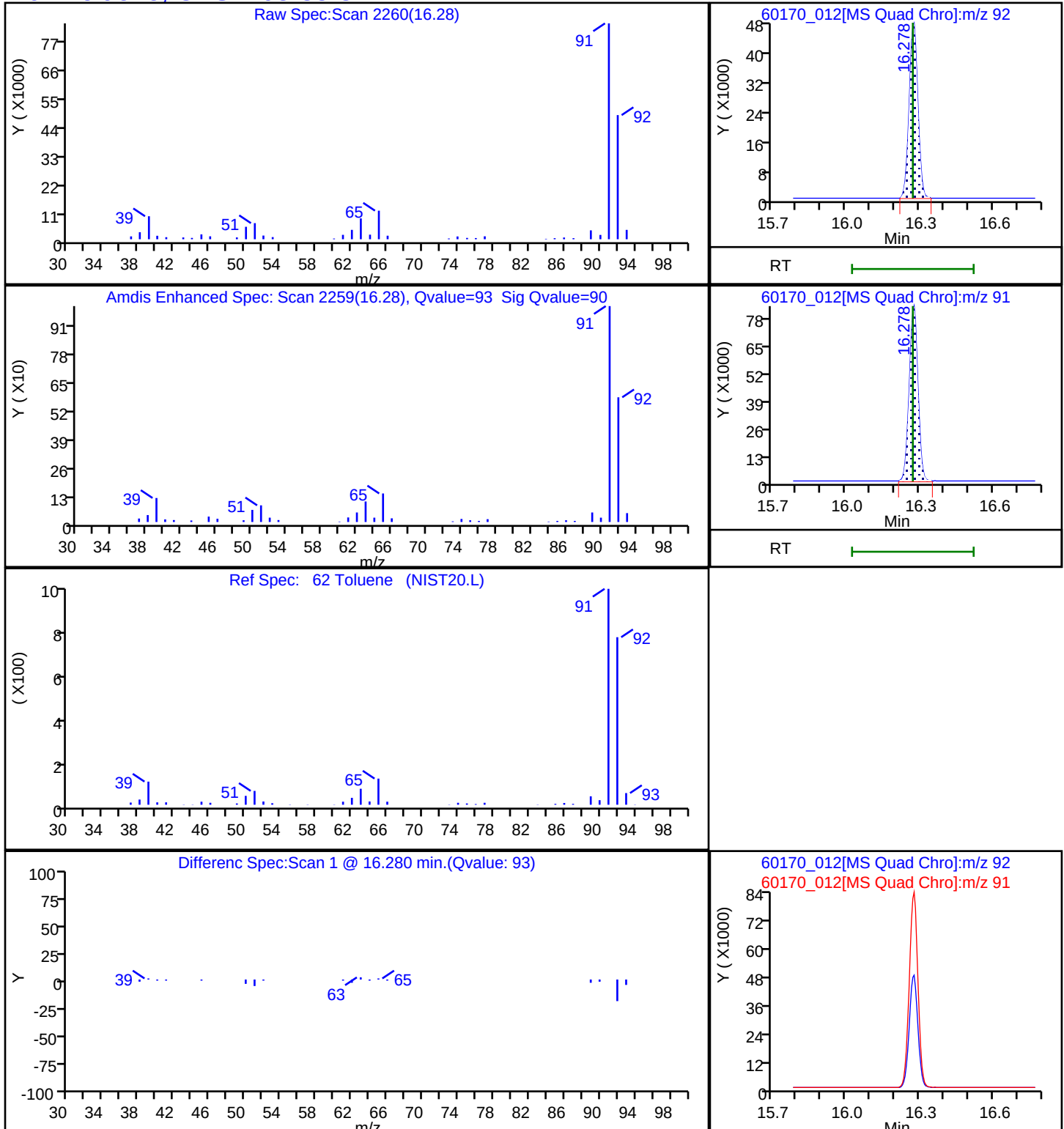
Dil. Factor: 1.0000

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\20240502-60170.b\60170_012.D

Injection Date: 02-May-2024 17:22:02

Instrument ID: CHAN.i

Lims ID: 200-73340-A-5

Lab Sample ID: 200-73340-5

Client ID: SVE-TB_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 12

Purge Vol: 200.000 mL

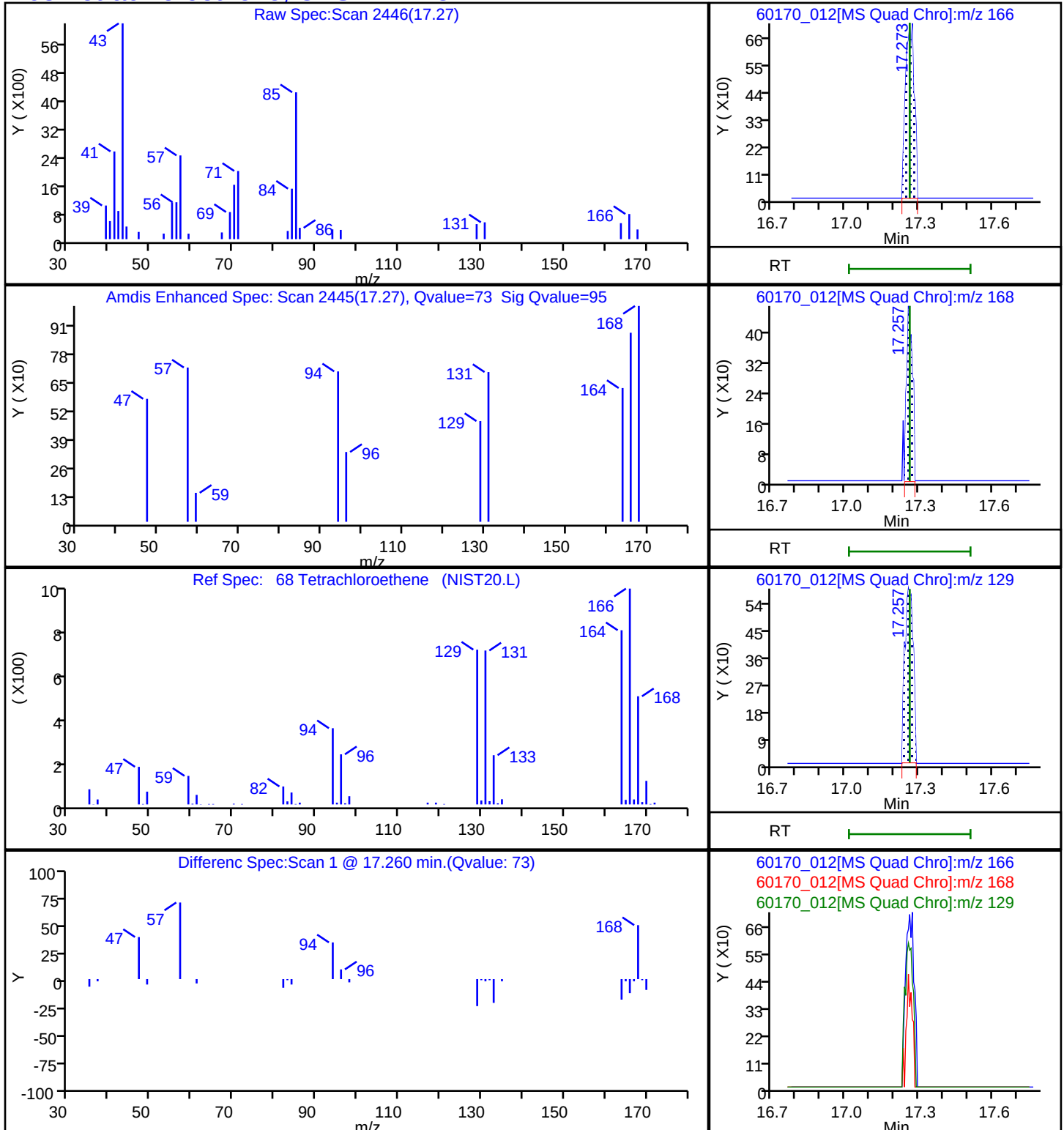
Dil. Factor: 1.0000

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\20240502-60170.b\60170_012.D

Injection Date: 02-May-2024 17:22:02

Instrument ID: CHAN.i

Lims ID: 200-73340-A-5

Lab Sample ID: 200-73340-5

Client ID: SVE-TB_20240430

Operator ID: wrd

ALS Bottle#: 0

Worklist Smp#: 12

Purge Vol: 200.000 mL

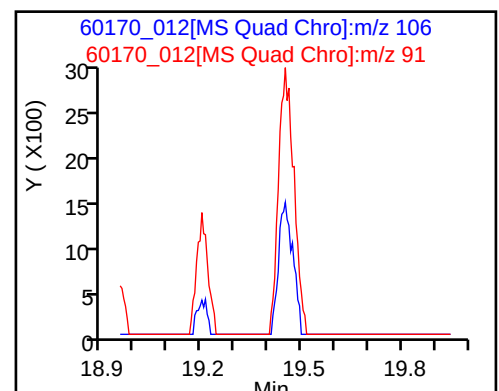
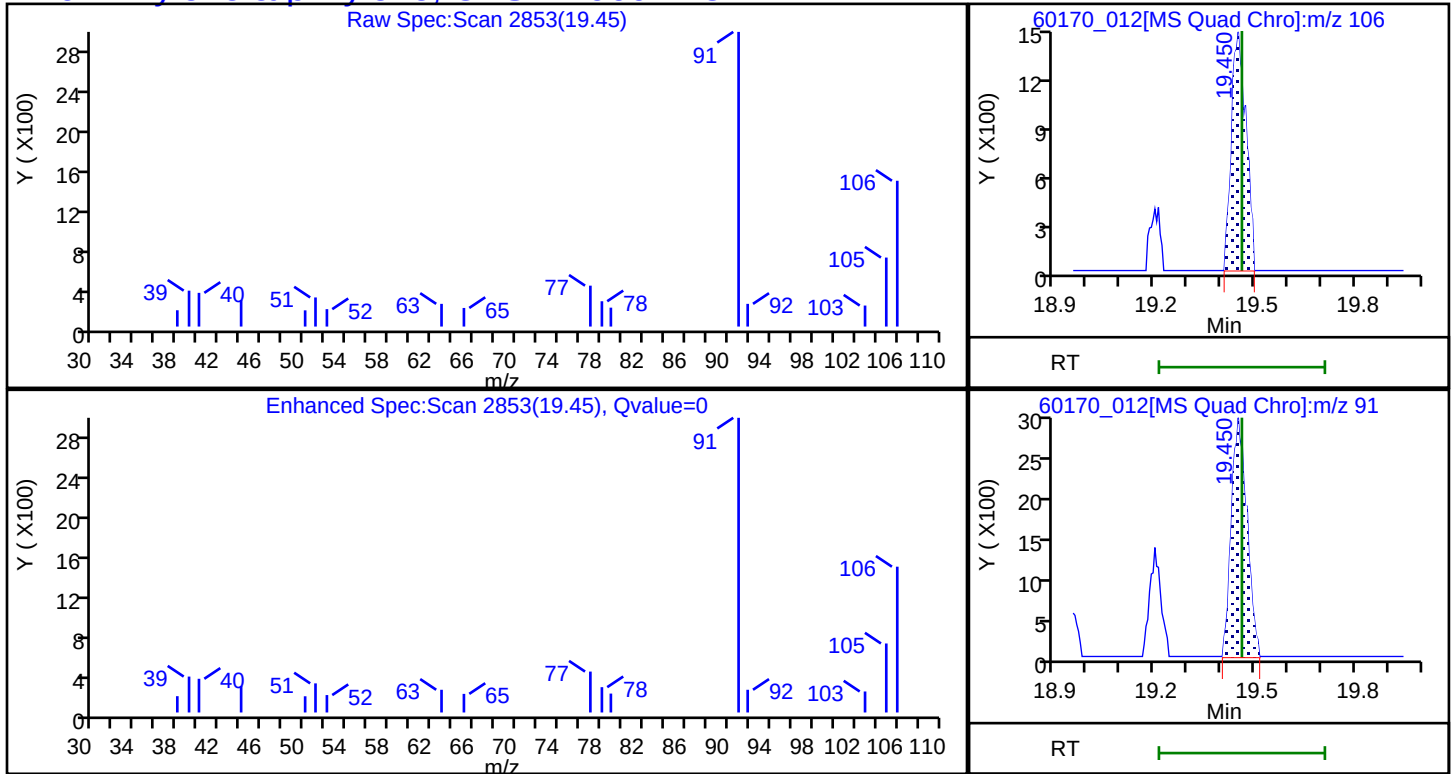
Dil. Factor: 1.0000

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

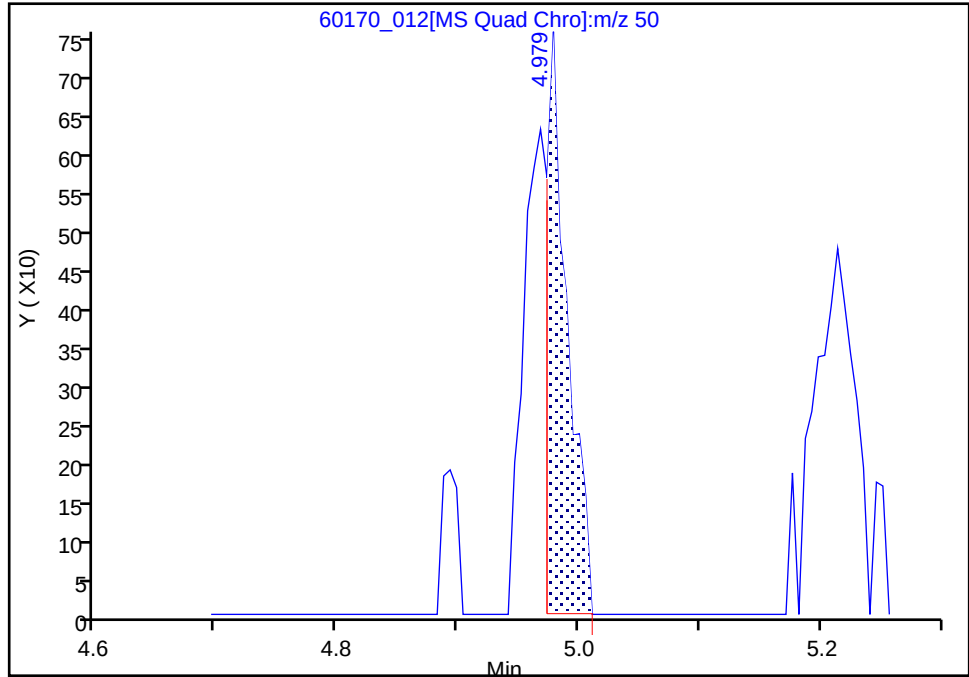
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_012.D				
Injection Date:	02-May-2024 17:22:02	Instrument ID:	CHAN.i		
Lims ID:	200-73340-A-5	Lab Sample ID:	200-73340-5		
Client ID:	SVE-TB_20240430				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. 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

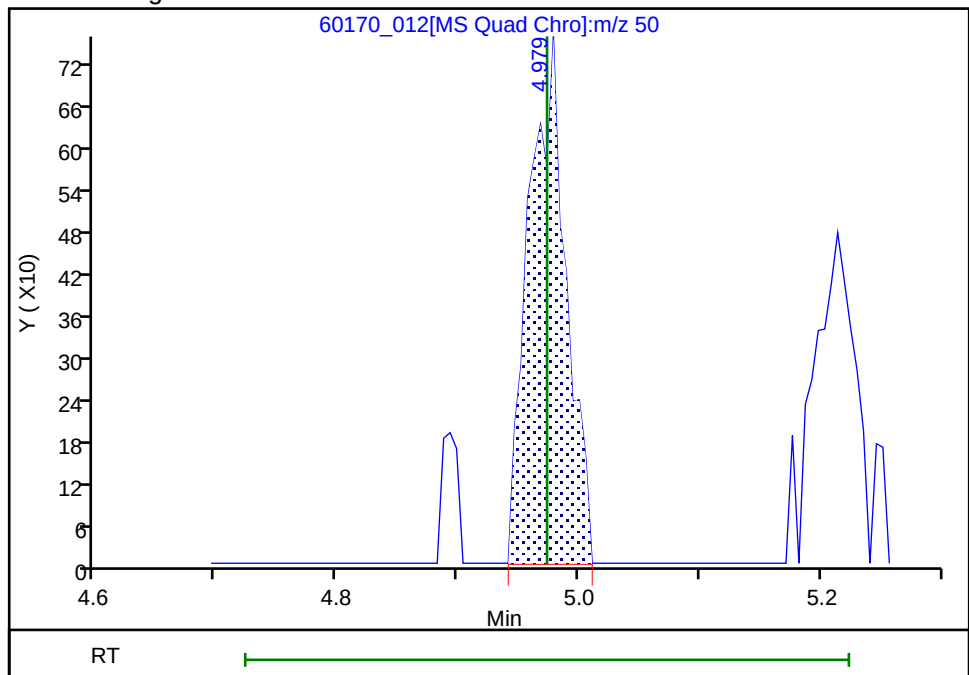
RT: 4.98
Area: 916
Amount: 0.023581
Amount Units: ppb v/v

Processing Integration Results



RT: 4.98
Area: 1630
Amount: 0.041962
Amount Units: ppb v/v

Manual Integration Results



Reviewer: F7XK, 03-May-2024 09:39:26 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

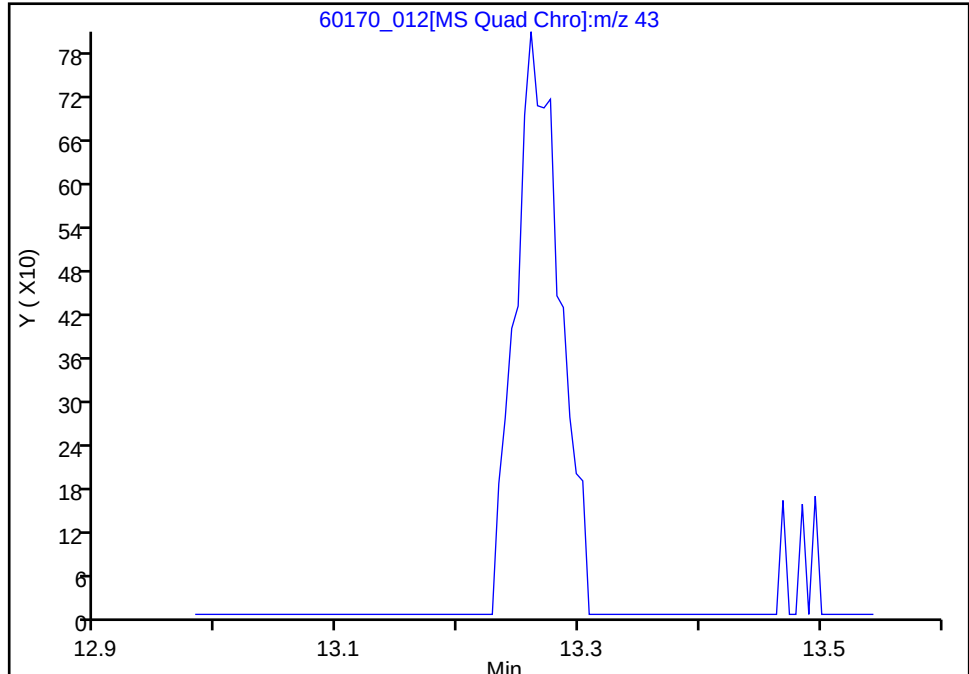
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_012.D				
Injection Date:	02-May-2024 17:22:02	Instrument ID:	CHAN.i		
Lims ID:	200-73340-A-5	Lab Sample ID:	200-73340-5		
Client ID:	SVE-TB_20240430				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. 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

Signal: 1

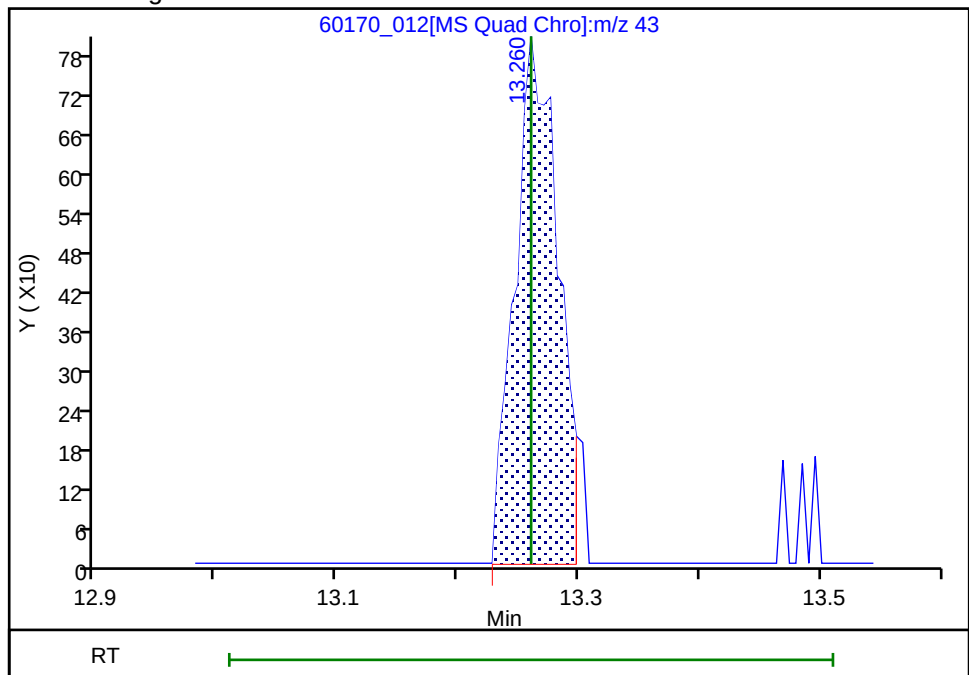
Not Detected
Expected RT: 13.26

Processing Integration Results



Manual Integration Results

RT: 13.26
Area: 1990
Amount: 0.033896
Amount Units: ppb v/v



Reviewer: F7XK, 03-May-2024 09:40:56 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

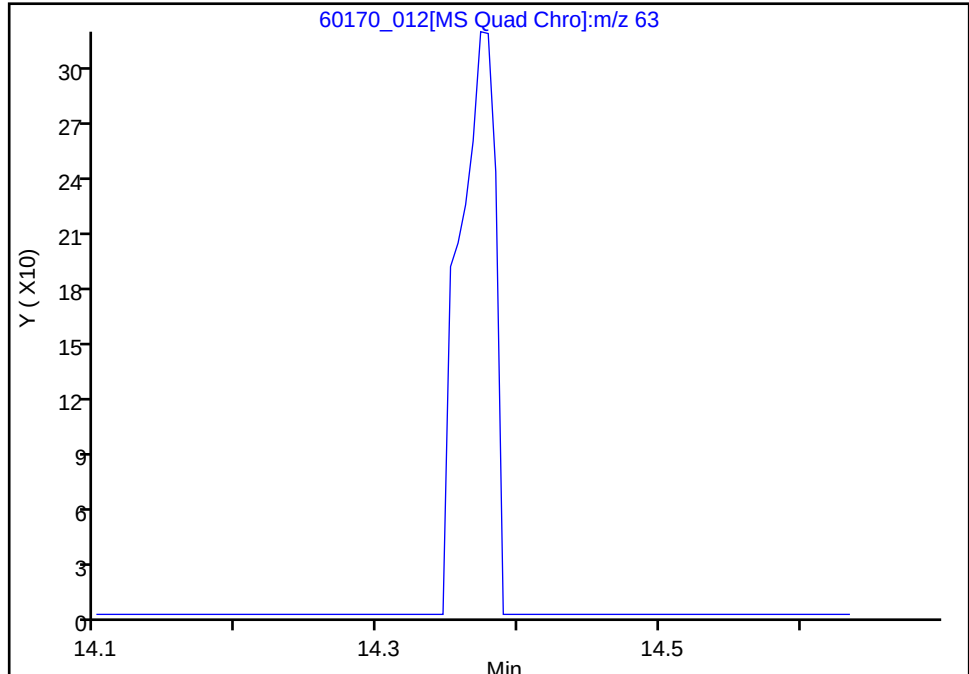
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_012.D				
Injection Date:	02-May-2024 17:22:02	Instrument ID:	CHAN.i		
Lims ID:	200-73340-A-5	Lab Sample ID:	200-73340-5		
Client ID:	SVE-TB_20240430				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. 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

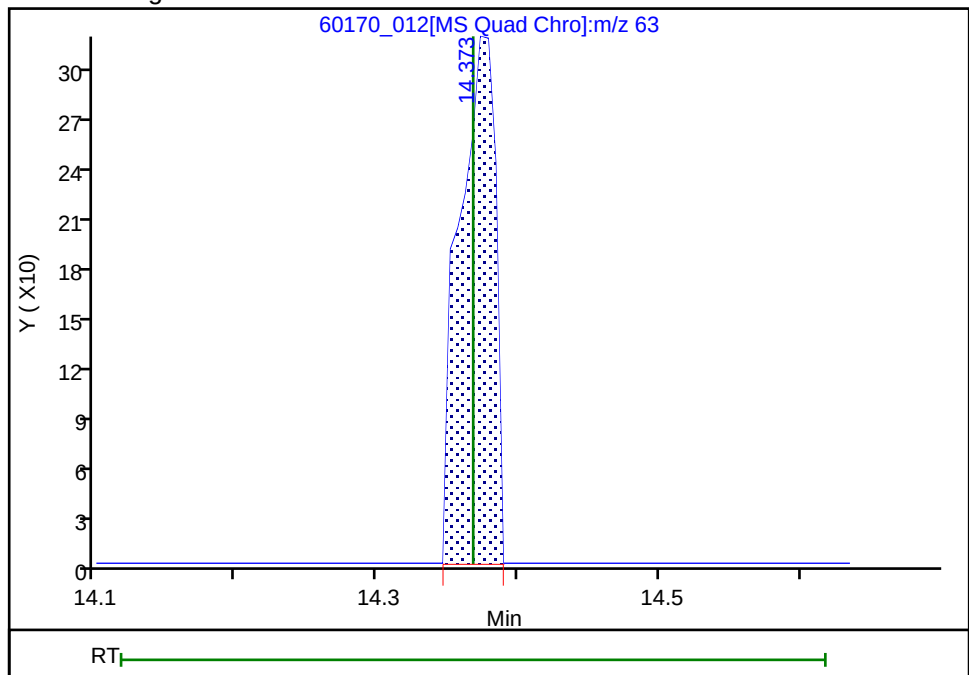
Signal: 1

Not Detected
Expected RT: 14.37

Processing Integration Results



Manual Integration Results



RT: 14.37
Area: 566
Amount: 0.015728
Amount Units: ppb v/v

Reviewer: F7XK, 03-May-2024 09:41:16 07:00:00 (UTC)

Audit Action: Manually Integrated

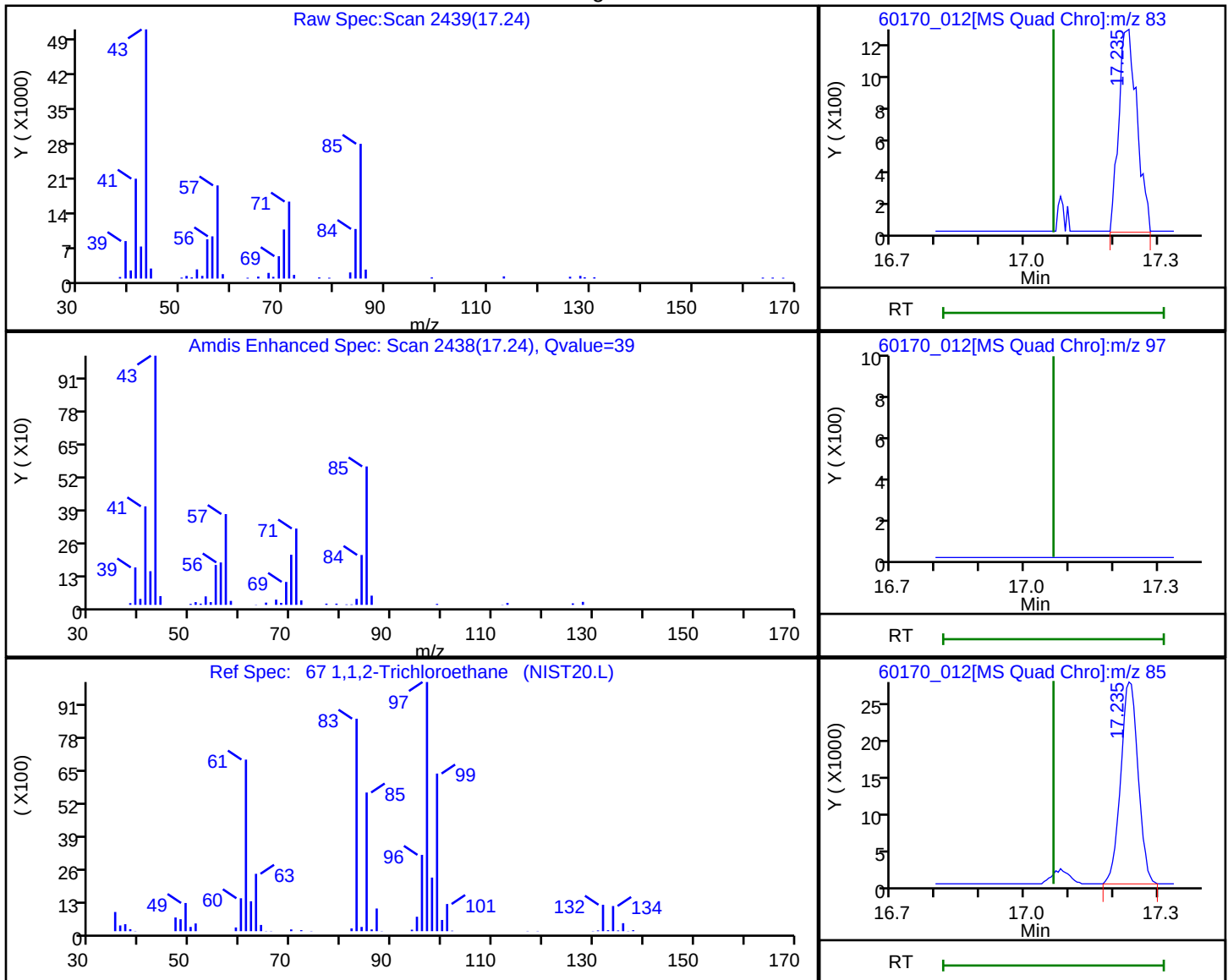
Audit Reason: Assign Peak

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_012.D
Injection Date: 02-May-2024 17:22:02 Instrument ID: CHAN.i
Lims ID: 200-73340-A-5 Lab Sample ID: 200-73340-5
Client ID: SVE-TB_20240430
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 12
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
17.24	83.00	3510	0.109393
17.06	97.00	0	
17.24	85.00	74162	

Reviewer: F7XK, 03-May-2024 09:41:54 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

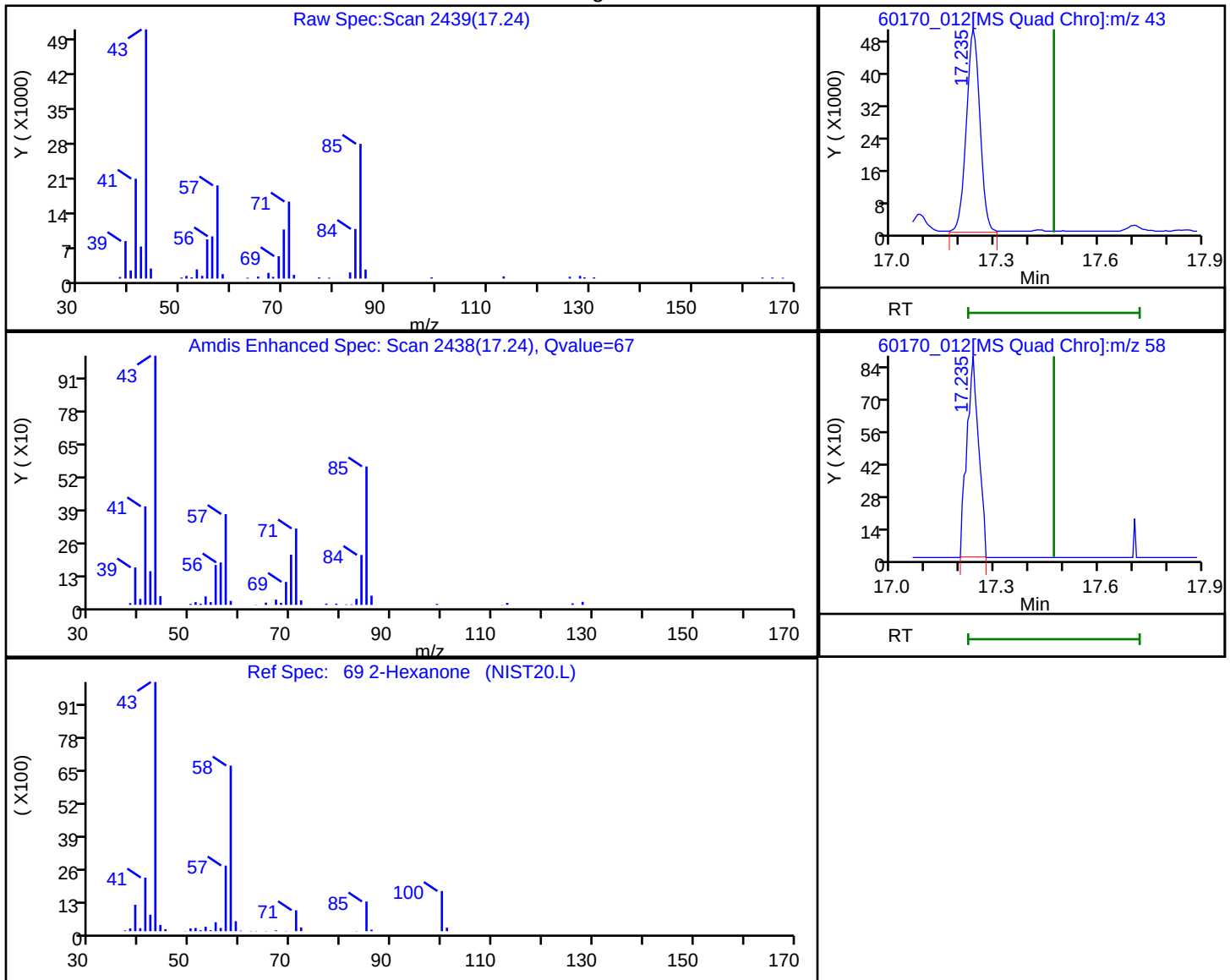
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_012.D
Injection Date: 02-May-2024 17:22:02 Instrument ID: CHAN.i
Lims ID: 200-73340-A-5 Lab Sample ID: 200-73340-5
Client ID: SVE-TB_20240430
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 12
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
17.24	43.00	136160	2.009406
17.24	58.00	2099	

Reviewer: F7XK, 03-May-2024 09:42:09 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

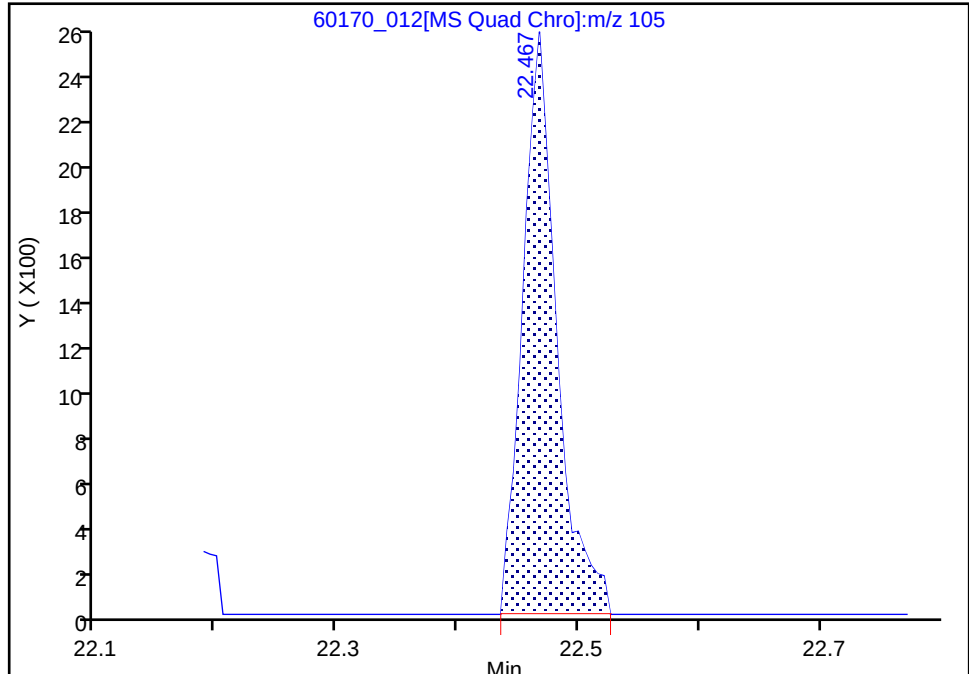
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_012.D				
Injection Date:	02-May-2024 17:22:02	Instrument ID:	CHAN.i		
Lims ID:	200-73340-A-5	Lab Sample ID:	200-73340-5		
Client ID:	SVE-TB_20240430				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. 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

Signal: 1

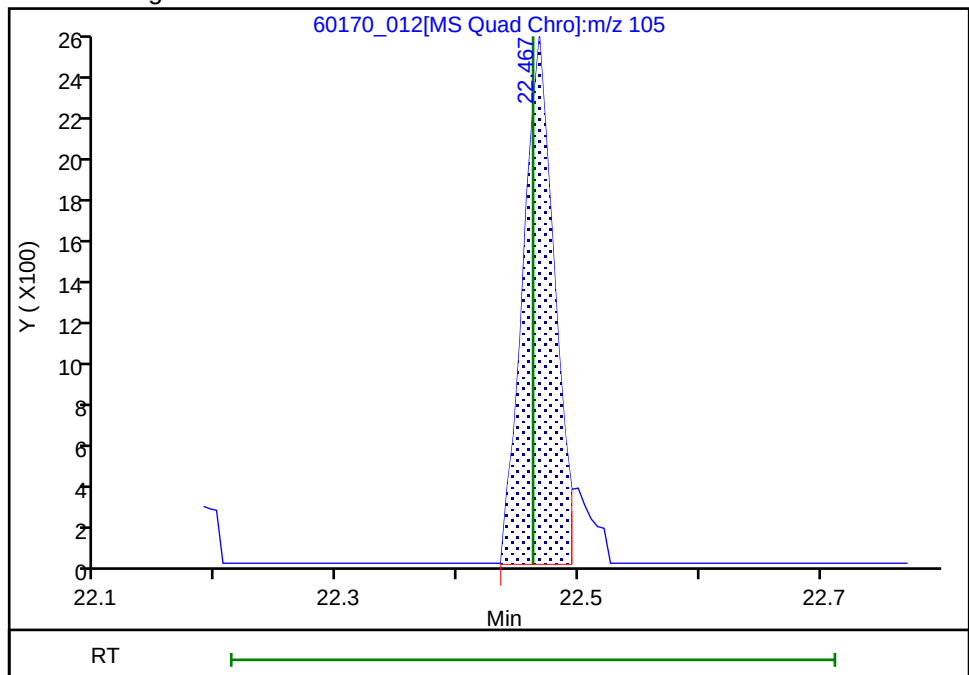
RT: 22.47
Area: 4911
Amount: 0.046366
Amount Units: ppb v/v

Processing Integration Results



RT: 22.47
Area: 4529
Amount: 0.042759
Amount Units: ppb v/v

Manual Integration Results



Reviewer: F7XK, 03-May-2024 09:43:12 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-73340-1 Analy Batch No.: 203045
SDG No.: _____
Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/15/2024 15:53 Calibration End Date: 04/16/2024 00:40 Calibration ID: 52447

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-203045/4	59934_004.D
Level 2	IC 200-203045/5	59934_005.D
Level 3	IC 200-203045/6	59934_006.D
Level 4	IC 200-203045/7	59934_007.D
Level 5	ICIS 200-203045/9	59934_009.D
Level 6	IC 200-203045/10	59934_010.D
Level 7	IC 200-203045/13	59934_013.D
Level 8	IC 200-203045/14	59934_014.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	++++ 2.5992	++++ 2.5867	++++ 2.4884	2.5846	2.3906	Ave		2.529 9				3.5		30.0			
Dichlorodifluoromethane	++++ 6.2138	++++ 6.1046	6.9344 5.8913	6.1072	5.6899	Ave		6.156 9				6.9		30.0			
Freon 22	++++ 4.5794	++++ 4.5202	5.3291 4.3549	4.5660	4.2065	Ave		4.592 7				8.5		30.0			
1,2-Dichlorotetrafluoroethane	++++ 6.3255	7.1731 6.2525	7.0645 6.0805	6.2101	5.8068	Ave		6.416 1				7.9		30.0			
Chloromethane	++++ 2.7943	++++ 2.7702	3.2846 2.6646	2.8094	2.5661	Ave		2.814 9				8.8		30.0			
n-Butane	++++ 3.8084	++++ 3.6895	4.6067 3.4633	4.0521	3.5850	Ave		3.867 5				10.7		30.0			
Vinyl chloride	2.6776 2.2107	2.6067 2.1562	2.5626 2.0659	2.2455	2.0506	Ave		2.322 0				10.9		30.0			
1,3-Butadiene	2.8308 1.6886	2.1545 1.6453	1.9670 1.5751	1.7334	1.5653	Ave		1.895 0				22.7		30.0			
Bromomethane	++++ 1.9922	2.2830 1.9776	2.1910 1.9668	1.9359	1.8298	Ave		2.025 2				7.7		30.0			
Chloroethane	++++ 1.4324	++++ 1.4047	1.5661 1.3888	1.3917	1.3044	Ave		1.414 7				6.1		30.0			
Isopentane	++++ 3.4961	4.0827 3.3911	3.8871 3.2816	3.4548	3.2161	Ave		3.544 2				9.1		30.0			
Bromoethene (Vinyl Bromide)	++++ 1.7785	1.8917 1.7479	1.8455 1.7651	1.6870	1.6072	Ave		1.760 4				5.4		30.0			
Trichlorofluoromethane	++++ 5.0118	5.6095 4.8709	5.6210 4.7832	4.9565	4.6199	Ave		5.067 5				7.8		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.: 200-73340-1 Analy Batch No.: 203045

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2024 15:53 Calibration End Date: 04/16/2024 00:40 Calibration ID: 52447

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	+++++ 5.0985	+++++ 4.9010	5.6663 4.6959	5.0747	4.6942	Ave		5.021 8				7.2		30.0			
Ethanol	+++++ 1.4929	+++++ 1.4245	1.5127 1.3385	1.4840	1.2233	Ave		1.412 6				7.9		30.0			
Ethyl ether	+++++ 1.7438	1.7869 1.6903	1.8206 1.6539	1.6916	1.5927	Ave		1.711 4				4.6		30.0			
Acrolein	+++++ 0.9153	+++++ 0.8642	+++++ 0.8664	0.8850	0.7891	Ave		0.864 0				5.4		30.0			
1,1-Dichloroethene	2.6927 2.0049	2.3304 1.9571	2.1523 1.9268	1.9175	1.8168	Ave		2.099 8				13.7		30.0			
Freon TF	+++++ 4.1482	4.6121 4.0422	4.6159 3.9465	4.0821	3.8048	Ave		4.178 8				7.6		30.0			
Acetone	+++++ 3.9330	+++++ 3.7905	+++++ 3.6066	4.0676	3.7932	Ave		3.838 2				4.5		30.0			
Isopropyl alcohol	+++++ 3.8651	+++++ 3.6231	+++++ 3.5575	3.8520	3.8137	Ave		3.742 3				3.8		30.0			
Carbon disulfide	+++++ 6.3992	+++++ 6.1860	7.0631 6.0036	6.3129	5.8885	Ave		6.308 9				6.6		30.0			
Acetonitrile	+++++ 1.8474	+++++ 1.7569	+++++ 1.7231	1.9153	1.7619	Ave		1.800 9				4.4		30.0			
3-Chloropropene	+++++ 3.2925	3.5386 3.1249	3.6334 3.0354	3.2879	2.8681	Ave		3.254 4				8.3		30.0			
Methylene Chloride	+++++ 2.8681	+++++ 2.7192	3.4751 2.6515	2.9444	2.6719	Ave		2.888 4				10.7		30.0			
tert-Butyl alcohol	+++++ 4.5434	+++++ 4.2881	+++++ 4.2784	4.3768	4.3428	Ave		4.365 9				2.5		30.0			
Acrylonitrile	+++++ 1.6830	+++++ 1.6123	1.7568 1.5992	1.6599	1.5450	Ave		1.642 7				4.5		30.0			
trans-1,2-Dichloroethene	3.5620 3.3735	3.7392 3.2362	3.7843 3.1157	3.4307	3.1381	Ave		3.422 5				7.5		30.0			
Methyl tert-butyl ether	+++++ 5.9581	5.9881 5.7371	6.0802 5.5905	5.8523	5.4912	Ave		5.813 9				3.7		30.0			
n-Hexane	+++++ 3.5583	3.7389 3.3856	3.6823 3.3050	3.5215	3.2939	Ave		3.497 9				5.1		30.0			
1,1-Dichloroethane	4.7089 4.1286	4.7398 3.9406	4.6793 3.7976	4.1664	3.8453	Ave		4.250 8				9.4		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.: 200-73340-1 Analy Batch No.: 203045
SDG No.: _____
Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/15/2024 15:53 Calibration End Date: 04/16/2024 00:40 Calibration ID: 52447

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	+++++ 5.7436	+++++ 5.4471	+++++ 5.3543	5.5513	5.2030	Ave		5.459 9				3.7		30.0			
Methyl Ethyl Ketone	+++++ 1.0744	+++++ 1.0345	1.0775 1.0289	1.0265	0.9995	Ave		1.040 2				2.9		30.0			
cis-1,2-Dichloroethene	2.9385 2.0670	2.3412 1.9986	2.1372 1.9650	1.9937	1.8990	Ave		2.167 5				15.7		30.0			
Ethyl acetate	+++++ 0.1832	+++++ 0.1770	+++++ 0.1768	0.1772	0.1674	Ave		0.176 3				3.2		30.0			
Tetrahydrofuran	+++++ 0.5155	+++++ 0.4850	+++++ 0.4749	0.5293	0.4873	Ave		0.498 4				4.6		30.0			
Chloroform	+++++ 4.4880	5.0129 4.2793	5.0107 4.2229	4.4784	4.1214	Ave		4.516 2				8.0		30.0			
1,1,1-Trichloroethane	+++++ 0.8180	0.9083 0.7841	0.9030 0.7758	0.8091	0.7498	Ave		0.821 2				7.5		30.0			
Cyclohexane	+++++ 0.5247	0.5268 0.5090	0.5265 0.5039	0.5117	0.4816	Ave		0.512 0				3.2		30.0			
Carbon tetrachloride	0.7482 0.7744	0.7970 0.7504	0.8304 0.7423	0.7639	0.7108	Ave		0.764 7				4.8		30.0			
Benzene	+++++ 1.2860	1.4223 1.2338	1.4270 1.2035	1.2698	1.1860	Ave		1.289 8				7.6		30.0			
1,2-Dichloroethane	+++++ 0.6163	0.6907 0.5892	0.6931 0.5814	0.6283	0.5748	Ave		0.624 8				7.9		30.0			
2,2,4-Trimethylpentane	+++++ 2.2414	2.3123 2.1148	2.3317 2.0237	2.2626	2.0802	Ave		2.195 2				5.5		30.0			
n-Heptane	+++++ 0.8858	0.9264 0.8309	0.9401 0.8026	0.9105	0.8278	Ave		0.874 9				6.2		30.0			
n-Butanol	+++++ 0.3106	+++++ 0.2953	+++++ 0.3100	0.2919	0.3186	Ave		0.305 3				3.7		30.0			
Trichloroethene	0.5691 0.5397	0.5626 0.5222	0.5667 0.5185	0.5247	0.4986	Ave		0.537 8				4.8		30.0			
1,2-Dichloropropane	+++++ 0.5341	0.5832 0.5046	0.6049 0.4862	0.5429	0.4981	Ave		0.536 3				8.3		30.0			
Methyl methacrylate	+++++ 0.4746	+++++ 0.4571	0.4202 0.4528	0.4598	0.4410	Ave		0.450 9				4.1		30.0			
1,4-Dioxane	+++++ 0.2343	0.2231 0.2202	0.2238 0.2145	0.2397	0.2487	Ave		0.229 2				5.3		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-73340-1 Analy Batch No.: 203045

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2024 15:53 Calibration End Date: 04/16/2024 00:40 Calibration ID: 52447

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	++++ 0.3508	0.4128 0.3422	0.3774 0.3399	0.3357	0.3202	Ave		0.354 1				8.8		30.0			
Bromodichloromethane	++++ 0.9326	0.9252 0.8877	0.9801 0.8861	0.9226	0.8537	Ave		0.912 6				4.5		30.0			
cis-1,3-Dichloropropene	++++ 0.7866	0.7360 0.7595	0.7421 0.7575	0.7462	0.7169	Ave		0.749 2				2.9		30.0			
methyl isobutyl ketone	++++ 1.1554	++++ 1.0882	1.0605 1.0613	1.1620	1.0956	Ave		1.103 8				4.1		30.0			
Toluene	++++ 0.9653	0.9838 0.9220	0.9648 0.9048	0.9318	0.8840	Ave		0.936 6				3.9		30.0			
n-Octane	++++ 1.2167	1.1673 1.1328	1.2347 1.0800	1.2588	1.1402	Ave		1.175 8				5.4		30.0			
trans-1,3-Dichloropropene	++++ 0.7323	0.6746 0.7053	0.6975 0.7031	0.7078	0.6689	Ave		0.698 5				3.1		30.0			
1,1,2-Trichloroethane	++++ 0.5273	0.6018 0.5032	0.5862 0.4981	0.5214	0.4860	Ave		0.532 0				8.4		30.0			
Tetrachloroethene	0.5729 0.5907	0.6248 0.5741	0.6154 0.5669	0.5653	0.5354	Ave		0.580 7				5.0		30.0			
Methyl Butyl Ketone (2-Hexanone)	++++ 1.1911	++++ 1.1210	0.9973 1.1057	1.1722	1.1538	Ave		1.123 5				6.2		30.0			
Dibromochloromethane	++++ 0.8828	0.7595 0.8326	0.8730 0.8531	0.8458	0.7963	Ave		0.834 7				5.2		30.0			
1,2-Dibromoethane	++++ 0.8492	0.8506 0.8157	0.8550 0.8096	0.8157	0.7756	Ave		0.824 5				3.5		30.0			
Chlorobenzene	++++ 1.1967	1.3242 1.1534	1.3140 1.1288	1.1687	1.1058	Ave		1.198 8				7.3		30.0			
Ethylbenzene	++++ 2.1666	2.1388 2.0563	2.1685 1.9916	2.1288	1.9986	Ave		2.092 7				3.7		30.0			
m,p-Xylene	++++ 0.7606	0.6966 0.7225	0.7566 0.6985	0.7481	0.7050	Ave		0.726 8				3.8		30.0			
n-Nonane	++++ 1.2173	1.1052 1.1379	1.3016 1.0803	1.2581	1.1360	Ave		1.176 6				7.1		30.0			
Xylene, o-	++++ 0.7404	0.6756 0.7115	0.6797 0.6909	0.7172	0.6812	Ave		0.699 5				3.5		30.0			
Styrene	++++ 1.2245	0.9422 1.1736	1.0476 1.1404	1.1752	1.1253	Ave		1.118 4				8.5		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.: 200-73340-1 Analy Batch No.: 203045
SDG No.: _____
Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/15/2024 15:53 Calibration End Date: 04/16/2024 00:40 Calibration ID: 52447

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	++++ 0.7231	0.4296 0.6513	0.6538 0.7221	0.6919	0.6432	Ave		0.645 n				15.6		30.0			
Cumene	++++ 2.2462	1.9908 2.1399	2.0992 2.0429	2.1878	2.0643	Ave		2.110 2				4.2		30.0			
1,1,2,2-Tetrachloroethane	++++ 1.3828	1.5022 1.3072	1.4909 1.2579	1.3742	1.2814	Ave		1.370 q				7.1		30.0			
1,2,3-Trichloropropane	++++ 1.1080	++++ 1.0474	1.2322 1.0196	1.1112	1.0436	Ave		1.093 7				7.1		30.0			
n-Propylbenzene	++++ 2.8879	2.6264 2.7272	2.8987 2.5338	2.8904	2.7079	Ave		2.753 2				5.2		30.0			
2-Chlorotoluene	++++ 1.8202	1.7552 1.7347	1.8676 1.6824	1.8129	1.7038	Ave		1.768 1				3.8		30.0			
4-Ethyltoluene	++++ 2.1968	1.8831 2.0937	2.1709 1.9651	2.1841	2.0515	Ave		2.077 q				5.8		30.0			
1,3,5-Trimethylbenzene	++++ 1.8660	1.6473 1.7758	1.8604 1.6631	1.8618	1.7346	Ave		1.772 7				5.3		30.0			
n-Decane	++++ 1.5633	++++ 1.4467	1.6787 1.3336	1.6327	1.4674	Ave		1.520 4				8.5		30.0			
Alpha Methyl Styrene	++++ 0.8926	0.5502 0.8639	0.6930 0.8462	0.8332	0.8151	Ave		0.784 q				15.5		30.0			
tert-Butylbenzene	++++ 1.6819	1.5781 1.6017	1.6665 1.5192	1.6607	1.5631	Ave		1.610 2				3.8		30.0			
1,2,4-Trimethylbenzene	++++ 1.8725	1.4490 1.7916	1.8525 1.6876	1.8769	1.7631	Ave		1.756 2				8.6		30.0			
sec-Butylbenzene	++++ 2.7494	2.4425 2.5989	2.7471 2.3797	2.7626	2.5642	Ave		2.606 4				6.0		30.0			
1,3-Dichlorobenzene	++++ 1.0922	0.9370 1.0518	1.1031 1.0073	1.0685	1.0336	Ave		1.041 q				5.5		30.0			
4-Isopropyltoluene	++++ 2.1806	1.7268 2.0691	2.0650 1.9167	2.1579	2.0401	Ave		2.022 3				7.7		30.0			
1,4-Dichlorobenzene	++++ 1.0833	0.9210 1.0422	1.0585 1.0047	1.0542	1.0244	Ave		1.026 q				5.2		30.0			
Benzyl chloride	++++ 1.8251	1.3494 1.7070	1.5400 1.6764	1.7622	1.6456	Ave		1.643 7				9.6		30.0			
n-Butylbenzene	++++ 2.3896	1.6141 2.2517	2.2070 2.0721	2.4023	2.2604	Ave		2.171 n				12.4		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.: 200-73340-1 Analy Batch No.: 203045
SDG No.: _____
Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/15/2024 15:53 Calibration End Date: 04/16/2024 00:40 Calibration ID: 52447

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	+++++ 1.0542	0.9193 1.0107	1.0743 0.9673	1.0449	1.0020	Ave		1.010 4				5.3		30.0			
n-Undecane	+++++ 1.6436	+++++ 1.5218	+++++ 1.4405	1.6605	1.5338	Ave		1.560 1				5.9		30.0			
n-Dodecane	+++++ 1.4515	+++++ 1.3290	+++++ 1.3246	1.4411	1.3368	Ave		1.376 6				4.6		30.0			
1,2,4-Trichlorobenzene	+++++ 0.7296	+++++ 0.7176	0.5399 0.7339	0.6542	0.6889	Ave		0.677 3				10.9		30.0			
Hexachlorobutadiene	+++++ 0.5804	0.5476 0.5576	0.5581 0.5418	0.5505	0.5395	Ave		0.553 7				2.5		30.0			
Naphthalene	+++++ 1.9620	0.8469 1.9504	1.3526 1.9362	1.8245	1.9229	Ave		1.685 1				25.4		30.0			
1,2,3-Trichlorobenzene	+++++ 0.6671	+++++ 0.6502	0.5267 0.6611	0.6103	0.6370	Ave		0.625 4				8.4		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-73340-1 Analy Batch No.: 203045

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2024 15:53 Calibration End Date: 04/16/2024 00:40 Calibration ID: 52447

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-203045/4	59934_004.D
Level 2	IC 200-203045/5	59934_005.D
Level 3	IC 200-203045/6	59934_006.D
Level 4	IC 200-203045/7	59934_007.D
Level 5	ICIS 200-203045/9	59934_009.D
Level 6	IC 200-203045/10	59934_010.D
Level 7	IC 200-203045/13	59934_013.D
Level 8	IC 200-203045/14	59934_014.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	++++ 719605	++++ 979675	++++ 1915899	223937	435180	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	++++ 1720337	++++ 2312027	60893 4535990	529138	1035789	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	++++ 1267843	++++ 1711938	46796 3353043	395602	765758	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 1751284	26502 2368017	62035 4681650	538054	1057066	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 773632	++++ 1049157	28843 2051600	243407	467137	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	++++ 1054385	++++ 1397316	40453 2666580	351079	652623	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	1765 612060	9631 816634	22503 1590616	194557	373296	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	1866 467518	7960 623147	17273 1212767	150182	284943	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 551553	8435 748991	19240 1514288	167727	333091	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 396576	++++ 532002	13752 1069281	120580	237458	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	++++ 967932	15084 1284319	34134 2526654	299333	585463	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 492385	6989 661971	16206 1359002	146163	292567	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	++++ 1387559	20725 1844764	49360 3682784	429439	841002	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	++++ 1411571	++++ 1856177	49757 3615538	439680	854529	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 552276	++++ 1079159	132998 2576497	257315	334180	++++ 20.0	++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-73340-1 Analy Batch No.: 203045
SDG No.: _____
Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/15/2024 15:53 Calibration End Date: 04/16/2024 00:40 Calibration ID: 52447

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	++++ 482792	6602 640186	15987 1273372	146565	289928	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	++++ 253402	++++ 327308	++++ 667045	76677	143650	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	1775 555082	8610 741216	18900 1483502	166135	330736	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Freon TF	BCM	Ave	++++ 1148457	17040 1530916	40534 3038558	353676	692633	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	++++ 1088887	++++ 1435580	++++ 2776896	352424	690514	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	++++ 1070088	++++ 1372189	++++ 2739044	333745	694243	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	++++ 1771675	++++ 2342848	62023 4622431	546960	1071947	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	++++ 511477	++++ 665409	++++ 1326665	165943	320746	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	++++ 911551	13074 1183516	31906 2337054	284870	522108	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	++++ 794051	++++ 1029844	30516 2041489	255106	486395	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	++++ 1257883	++++ 1624054	++++ 3294116	379212	790575	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	++++ 465948	++++ 610624	15427 1231278	143815	281252	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	2348 933974	13815 1225643	33231 2398914	297240	571270	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	++++ 1649565	22124 2172831	53392 4304391	507048	999613	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	++++ 985155	13814 1282240	32335 2544647	305112	599623	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	3104 1143027	17512 1492425	41090 2923941	360984	700006	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	++++ 1256240	++++ 1629780	++++ 3256766	379970	748258	++++ 11.9	++++ 15.8	++++ 31.6	3.94	7.90
Methyl Ethyl Ketone	BCM	Ave	++++ 297471	++++ 391803	9462 792171	88938	181951	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	1937 572280	8650 756936	18767 1512942	172734	345701	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	++++ 50712	++++ 67030	++++ 136137	15351	30470	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Tetrahydrofuran	DFBZ	Ave	++++	++++	++++	234946	457745	++++	++++	++++	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

Analy Batch No.: 203045

SDG No.: _____

Instrument ID: CHAN.i

GC Column: RTX-624 ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2024 15:53

Calibration End Date: 04/16/2024 00:40

Calibration ID: 52447

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
			738185	948241	1889562			15.0	20.0	40.0		
Chloroform	BCM	Ave	++++ 1242535	18521 1620697	44000 3251412	388016	750264	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFBZ	Ave	++++ 1171241	17345 1532899	40764 3086522	359110	704368	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFBZ	Ave	++++ 751340	10059 995052	23765 2004970	227123	452428	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFBZ	Ave	2549 1108874	15220 1466965	37487 2953149	339082	667740	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFBZ	Ave	++++ 1841443	27161 2412051	64416 4788226	563612	1114157	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFBZ	Ave	++++ 882391	13189 1151821	31289 2313021	278864	540004	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	++++ 3209371	44156 4134337	105257 8051144	1004282	1954164	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFBZ	Ave	++++ 1268288	17691 1624455	42437 3193174	404138	777606	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFBZ	Ave	++++ 311332	++++ 404165	++++ 863262	90687	209518	++++ 10.5	++++ 14.0	++++ 28.0	3.49	7.00
Trichloroethene	DFBZ	Ave	1939 772821	10743 1020870	25581 2062720	232889	468360	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFBZ	Ave	++++ 764735	11137 986517	27304 1934278	240980	467926	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFBZ	Ave	++++ 679614	++++ 893668	18967 1801663	204095	414273	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFBZ	Ave	++++ 335480	4261 430448	10103 853279	106387	233611	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Dibromomethane	DFBZ	Ave	++++ 502339	7882 669044	17035 1352172	149003	300838	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFBZ	Ave	++++ 1335366	17667 1735490	44243 3525178	409508	801984	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFBZ	Ave	++++ 1126249	14055 1484734	33499 3013657	331184	673469	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFBZ	Ave	++++ 1654365	++++ 2127473	47872 4222324	515776	1029238	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBNZd 5	Ave	++++ 1222886	15979 1604087	37612 3204969	365144	738091	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFBZ	Ave	++++ 1742191	22291 2214697	55736 4296682	558719	1071119	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFBZ	Ave	++++	12883	31485	314182	628391	++++	0.200	0.500	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-73340-1 Analy Batch No.: 203045

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2024 15:53 Calibration End Date: 04/16/2024 00:40 Calibration ID: 52447

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
			1048580	1378819	2797358			15.0	20.0	40.0		
1,1,2-Trichloroethane	CBNZd 5	Ave	++++	9775	22854	204330	405782	++++	0.200	0.500	4.99	10.00
			667959	875475	1764366			15.0	20.0	40.0		
Tetrachloroethene	CBNZd 5	Ave	1691	10148	23993	221505	447072	0.0351	0.200	0.500	4.99	10.00
			748313	998935	2008106			15.0	20.0	40.0		
Methyl Butyl Ketone (2-Hexanone)	CBNZd 5	Ave	++++	++++	38881	459326	963425	++++	++++	0.500	4.99	10.00
			1508932	1950374	3916390			15.0	20.0	40.0		
Dibromochloromethane	CBNZd 5	Ave	++++	12336	34035	331443	664881	++++	0.200	0.500	4.99	10.00
			1118316	1448561	3021807			15.0	20.0	40.0		
1,2-Dibromoethane	CBNZd 5	Ave	++++	13816	33331	319640	647626	++++	0.200	0.500	4.99	10.00
			1075813	1419249	2867663			15.0	20.0	40.0		
Chlorobenzene	CBNZd 5	Ave	++++	21508	51226	457967	923344	++++	0.200	0.500	4.99	10.00
			1516009	2006816	3998408			15.0	20.0	40.0		
Ethylbenzene	CBNZd 5	Ave	++++	34739	84541	834173	1668760	++++	0.200	0.500	4.99	10.00
			2744750	3577634	7054428			15.0	20.0	40.0		
m,p-Xylene	CBNZd 5	Ave	++++	22628	58992	586292	1177381	++++	0.401	1.00	9.99	20.0
			1927198	2514004	4948346			30.0	40.0	80.0		
n-Nonane	CBNZd 5	Ave	++++	17951	50744	492996	948510	++++	0.200	0.500	4.99	10.00
			1542113	1979736	3826394			15.0	20.0	40.0		
Xylene, o-	CBNZd 5	Ave	++++	10974	26498	281050	568808	++++	0.200	0.500	4.99	10.00
			937956	1237941	2447128			15.0	20.0	40.0		
Styrene	CBNZd 5	Ave	++++	15303	40840	460516	939627	++++	0.200	0.500	4.99	10.00
			1551268	2041865	4039541			15.0	20.0	40.0		
Bromoform	CBNZd 5	Ave	++++	6977	25488	271136	537061	++++	0.200	0.500	4.99	10.00
			916026	1133261	2557897			15.0	20.0	40.0		
Cumene	CBNZd 5	Ave	++++	32335	81838	857314	1723655	++++	0.200	0.500	4.99	10.00
			2845542	3723159	7236287			15.0	20.0	40.0		
1,1,2,2-Tetrachloroethane	CBNZd 5	Ave	++++	24399	58123	538469	1069903	++++	0.200	0.500	4.99	10.00
			1751802	2274366	4455593			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.: 200-73340-1 Analy Batch No.: 203045
SDG No.: _____
Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/15/2024 15:53 Calibration End Date: 04/16/2024 00:40 Calibration ID: 52447

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
1,2,3-Trichloropropane	CBNZd 5	Ave	++++ 1403679	++++ 1822409	48040 3611475	435431	871374	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBNZd 5	Ave	++++ 3658453	42659 4744970	113008 8974989	1132629	2261035	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBNZd 5	Ave	++++ 2305918	28509 3018142	72809 5959188	710411	1422606	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBNZd 5	Ave	++++ 2782992	30586 3642823	84636 6960457	855866	1712896	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBNZd 5	Ave	++++ 2363926	26756 3089696	72531 5890702	729568	1448348	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Decane	CBNZd 5	Ave	++++ 1980503	++++ 2517035	65445 4723761	639771	1225203	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBNZd 5	Ave	++++ 1130759	8936 1503021	27017 2997227	326497	680621	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBNZd 5	Ave	++++ 2130694	25632 2786783	64969 5381179	650743	1305159	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,4-Trimethylbenzene	CBNZd 5	Ave	++++ 2372103	23536 3117174	72221 5977760	735463	1472159	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBNZd 5	Ave	++++ 3483082	39672 4521832	107096 8429123	1082553	2141022	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBNZd 5	Ave	++++ 1383592	15219 1829968	43006 3568047	418711	862982	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBNZd 5	Ave	++++ 2762524	28048 3600038	80504 6789111	845600	1703405	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBNZd 5	Ave	++++ 1372371	14960 1813263	41266 3558774	413080	855320	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBNZd 5	Ave	++++ 2312117	21917 2969947	60038 5937768	690516	1374017	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-73340-1 Analy Batch No.: 203045
SDG No.: _____
Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/15/2024 15:53 Calibration End Date: 04/16/2024 00:40 Calibration ID: 52447

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	+++++ 3027195	26217 3917678	86041 7339626	941371	1887347	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBNZd 5	Ave	+++++ 1335522	14931 1758551	41884 3426201	409451	836610	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBNZd 5	Ave	+++++ 2082214	+++++ 2647754	+++++ 5102346	650693	1280694	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
n-Dodecane	CBNZd 5	Ave	+++++ 1838875	+++++ 2312350	+++++ 4691910	564685	1116155	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBNZd 5	Ave	+++++ 924265	+++++ 1248493	21047 2599696	256351	575201	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBNZd 5	Ave	+++++ 735295	8895 970116	21759 1919269	215735	450453	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBNZd 5	Ave	+++++ 2485526	13756 3393484	52732 6858178	714941	1605594	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBNZd 5	Ave	+++++ 845086	+++++ 1131247	20533 2341513	239166	531911	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00

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.: 200-73340-1 Analy Batch No.: 203045

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2024 15:53 Calibration End Date: 04/16/2024 00:40 Calibration ID: 52447

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-203045/4	59934_004.D
Level 2	IC 200-203045/5	59934_005.D
Level 3	IC 200-203045/6	59934_006.D
Level 4	IC 200-203045/7	59934_007.D
Level 5	ICIS 200-203045/9	59934_009.D
Level 6	IC 200-203045/10	59934_010.D
Level 7	IC 200-203045/13	59934_013.D
Level 8	IC 200-203045/14	59934_014.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	++++ 2.2	++++ -1.6	++++	2.2	-5.5	2.7	30	30		50	30	30
Dichlorodifluoromethane	++++ -0.8	++++ -4.3	12.6	-0.8	-7.6	0.9	30	30	50	30	30	30
Freon 22	++++ -1.6	++++ -5.2	16.0	-0.6	-8.4	-0.3	30	30	50	30	30	30
1,2-Dichlorotetrafluoroethane	++++ -2.6	11.8 -5.2	10.1	-3.2	-9.5	-1.4	30	50 30	30	30	30	30
Chloromethane	++++ -1.6	++++ -5.3	16.7	-0.2	-8.8	-0.7	30	30	50	30	30	30
n-Butane	++++ -4.6	++++ -10.5	19.1	4.8	-7.3	-1.5	30	30	50	30	30	30
Vinyl chloride	15.3 -7.1	12.3 -11.0	10.4	-3.3	-11.7	-4.8	50 30	30 30	30	30	30	30
1,3-Butadiene	49.4 -13.2	13.7 -16.9	3.8	-8.5	-17.4	-10.9	50 30	30 30	30	30	30	30
Bromomethane	++++ -2.3	12.7 -2.9	8.2	-4.4	-9.6	-1.6	30	50 30	30	30	30	30
Chloroethane	++++ -0.7	++++ -1.8	10.7	-1.6	-7.8	1.3	30	30	50	30	30	30
Isopentane	++++ -4.3	15.2 -7.4	9.7	-2.5	-9.3	-1.4	30	50 30	30	30	30	30
Bromoethene (Vinyl Bromide)	++++ -0.7	7.5 0.3	4.8	-4.2	-8.7	1.0	30	50 30	30	30	30	30
Trichlorofluoromethane	++++ -3.9	10.7 -5.6	10.9	-2.2	-8.8	-1.1	30	50 30	30	30	30	30
n-Pentane	++++ -2.4	++++ -6.5	12.8	1.1	-6.5	1.5	30	30	50	30	30	30
Ethanol	++++ 0.8	++++ -5.2	7.1	5.0	-13.4	5.7	30	30	50	30	30	30

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington Job No.: 200-73340-1 Analy Batch No.: 203045

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2024 15:53 Calibration End Date: 04/16/2024 00:40 Calibration ID: 52447

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	++++ -1.2	4.4 -3.4	6.4	-1.2	-6.9	1.9	30	50 30	30	30	30	30
Acrolein	++++ 0.0	++++ 0.3	++++	2.4	-8.7	5.9	30	30		50	30	30
1,1-Dichloroethene	28.2 -6.8	11.0 -8.2	2.5	-8.7	-13.5	-4.5	50 30	30 30	30	30	30	30
Freon TF	++++ -3.3	10.4 -5.6	10.5	-2.3	-8.9	-0.7	30	50 30	30	30	30	30
Acetone	++++ -1.2	++++ -6.0	++++	6.0	-1.2	2.5	30	30		50	30	30
Isopropyl alcohol	++++ -3.2	++++ -4.9	++++	2.9	1.9	3.3	30	30		50	30	30
Carbon disulfide	++++ -1.9	++++ -4.8	12.0	0.1	-6.7	1.4	30	30	50	30	30	30
Acetonitrile	++++ -2.4	++++ -4.3	++++	6.3	-2.2	2.6	30	30		50	30	30
3-Chloropropene	++++ -4.0	8.7 -6.7	11.6	1.0	-11.9	1.2	30	50 30	30	30	30	30
Methylene Chloride	++++ -5.9	++++ -8.2	20.3	1.9	-7.5	-0.7	30	30	50	30	30	30
tert-Butyl alcohol	++++ -1.8	++++ -2.0	++++	0.2	-0.5	4.1	30	30		50	30	30
Acrylonitrile	++++ -1.9	++++ -2.6	6.9	1.0	-5.9	2.5	30	30	50	30	30	30
trans-1,2-Dichloroethene	4.1 -5.4	9.3 -9.0	10.6	0.2	-8.3	-1.4	50 30	30 30	30	30	30	30
Methyl tert-butyl ether	++++ -1.3	3.0 -3.8	4.6	0.7	-5.6	2.5	30	50 30	30	30	30	30
n-Hexane	++++ -3.2	6.9 -5.5	5.3	0.7	-5.8	1.7	30	50 30	30	30	30	30
1,1-Dichloroethane	10.8 -7.3	11.5 -10.7	10.1	-2.0	-9.5	-2.9	50 30	30 30	30	30	30	30
Vinyl acetate	++++ -0.2	++++ -1.9	++++	1.7	-4.7	5.2	30	30		50	30	30
Methyl Ethyl Ketone	++++ -0.5	++++ -1.1	3.6	-1.3	-3.9	3.3	30	30	50	30	30	30
cis-1,2-Dichloroethene	35.6 -7.8	8.0 -9.3	-1.4	-8.0	-12.4	-4.6	50 30	30 30	30	30	30	30
Ethyl acetate	++++ 0.4	++++ 0.3	++++	0.5	-5.1	3.9	30	30		50	30	30
Tetrahydrofuran	++++ -2.7	++++ -4.7	++++	6.2	-2.2	3.4	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.: 200-73340-1 Analy Batch No.: 203045

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2024 15:53 Calibration End Date: 04/16/2024 00:40 Calibration ID: 52447

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	++++ -5.2	11.0 -6.5	10.9	-0.8	-8.7	-0.6	30	50 30	30	30	30	30
1,1,1-Trichloroethane	++++ -4.5	10.6 -5.5	10.0	-1.5	-8.7	-0.4	30	50 30	30	30	30	30
Cyclohexane	++++ -0.6	2.9 -1.6	2.8	-0.1	-5.9	2.5	30	50 30	30	30	30	30
Carbon tetrachloride	-2.2 -1.9	4.2 -2.9	8.6	-0.1	-7.0	1.3	50 30	30	30	30	30	30
Benzene	++++ -4.3	10.3 -6.7	10.6	-1.5	-8.0	-0.3	30	50 30	30	30	30	30
1,2-Dichloroethane	++++ -5.7	10.5 -7.0	10.9	0.6	-8.0	-1.4	30	50 30	30	30	30	30
2,2,4-Trimethylpentane	++++ -3.7	5.3 -7.8	6.2	3.1	-5.2	2.1	30	50 30	30	30	30	30
n-Heptane	++++ -5.0	5.9 -8.3	7.5	4.1	-5.4	1.2	30	50 30	30	30	30	30
n-Butanol	++++ -3.3	++++ 1.5	++++	-4.4	4.4	1.7	30	30		50	30	30
Trichloroethene	5.8 -2.9	4.6 -3.6	5.4	-2.4	-7.3	0.4	50 30	30 30	30	30	30	30
1,2-Dichloropropane	++++ -5.9	8.8 -9.3	12.8	1.2	-7.1	-0.4	30	50 30	30	30	30	30
Methyl methacrylate	++++ 1.4	++++ 0.4	-6.8	2.0	-2.2	5.3	30	30	50	30	30	30
1,4-Dioxane	++++ -3.9	-2.6 -6.4	-2.3	4.6	8.5	2.2	30	50 30	30	30	30	30
Dibromomethane	++++ -3.4	16.6 -4.0	6.6	-5.2	-9.6	-0.9	30	50 30	30	30	30	30
Bromodichloromethane	++++ -2.7	1.4 -2.9	7.4	1.1	-6.4	2.2	30	50 30	30	30	30	30
cis-1,3-Dichloropropene	++++ 1.4	-1.8 1.1	-1.0	-0.4	-4.3	5.0	30	50 30	30	30	30	30
methyl isobutyl ketone	++++ -1.4	++++ -3.9	-3.9	5.3	-0.7	4.7	30	30	50	30	30	30
Toluene	++++ -1.6	5.0 -3.4	3.0	-0.5	-5.6	3.1	30	50 30	30	30	30	30
n-Octane	++++ -3.7	-0.7 -8.1	5.0	7.1	-3.0	3.5	30	50 30	30	30	30	30
trans-1,3-Dichloropropene	++++ 1.0	-3.4 0.7	-0.1	1.3	-4.2	4.8	30	50 30	30	30	30	30
1,1,2-Trichloroethane	++++ -5.4	13.1 -6.4	10.2	-2.0	-8.6	-0.9	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.: 200-73340-1 Analy Batch No.: 203045
SDG No.: _____
Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/15/2024 15:53 Calibration End Date: 04/16/2024 00:40 Calibration ID: 52447

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	-1.3 -1.1	7.6 -2.4	6.0	-2.7	-7.8	1.7	50 30	30 30	30	30	30	30
Methyl Butyl Ketone (2-Hexanone)	++++ -0.2	++++ -1.6	-11.2	4.3	2.7	6.0	30	30	50	30	30	30
Dibromochloromethane	++++ -0.3	-9.0 2.2	4.6	1.3	-4.6	5.8	30	50 30	30	30	30	30
1,2-Dibromoethane	++++ -1.1	3.2 -1.8	3.7	-1.1	-5.9	3.0	30	50 30	30	30	30	30
Chlorobenzene	++++ -3.8	10.5 -5.8	9.6	-2.5	-7.8	-0.2	30	50 30	30	30	30	30
Ethylbenzene	++++ -1.7	2.2 -4.8	3.6	1.7	-4.5	3.5	30	50 30	30	30	30	30
m,p-Xylene	++++ -0.6	-4.2 -3.9	4.1	2.9	-3.0	4.6	30	50 30	30	30	30	30
n-Nonane	++++ -3.3	-6.1 -8.2	10.6	6.9	-3.5	3.5	30	50 30	30	30	30	30
Xylene, o-	++++ 1.7	-3.4 -1.2	-2.8	2.5	-2.6	5.8	30	50 30	30	30	30	30
Styrene	++++ 4.9	-15.8 2.0	-6.3	5.1	0.6	9.5	30	50 30	30	30	30	30
Bromoform	++++ 1.0	-33.4 12.0	1.4	7.3	-0.3	12.1	30	50 30	30	30	30	30
Cumene	++++ 1.4	-5.7 -3.2	-0.5	3.7	-2.2	6.4	30	50 30	30	30	30	30
1,1,2,2-Tetrachloroethane	++++ -4.6	9.6 -8.2	8.7	0.2	-6.5	0.9	30	50 30	30	30	30	30
1,2,3-Trichloropropane	++++ -4.2	++++ -6.8	12.7	1.6	-4.6	1.3	30	30	50	30	30	30
n-Propylbenzene	++++ -0.9	-4.6 -8.0	5.3	5.0	-1.6	4.9	30	50 30	30	30	30	30
2-Chlorotoluene	++++ -1.9	-0.7 -4.8	5.6	2.5	-3.6	2.9	30	50 30	30	30	30	30
4-Ethyltoluene	++++ 0.8	-9.4 -5.4	4.5	5.1	-1.3	5.7	30	50 30	30	30	30	30
1,3,5-Trimethylbenzene	++++ 0.2	-7.1 -6.2	4.9	5.0	-2.1	5.3	30	50 30	30	30	30	30
n-Decane	++++ -4.8	++++ -12.3	10.4	7.4	-3.5	2.8	30	30	50	30	30	30
Alpha Methyl Styrene	++++ 10.1	-29.9 7.8	-11.7	6.2	3.9	13.7	30	50 30	30	30	30	30
tert-Butylbenzene	++++ -0.5	-2.0 -5.6	3.5	3.1	-2.9	4.5	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.: 200-73340-1 Analy Batch No.: 203045

SDG No.: _____

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2024 15:53 Calibration End Date: 04/16/2024 00:40 Calibration ID: 52447

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	++++ 2.0	-17.5 -3.9	5.5	6.9	0.4	6.6	30	50 30	30	30	30	30
sec-Butylbenzene	++++ -0.3	-6.3 -8.7	5.4	6.0	-1.6	5.5	30	50 30	30	30	30	30
1,3-Dichlorobenzene	++++ 0.9	-10.1 -3.3	5.9	2.6	-0.8	4.8	30	50 30	30	30	30	30
4-Isopropyltoluene	++++ 2.3	-14.6 -5.2	2.1	6.7	0.9	7.8	30	50 30	30	30	30	30
1,4-Dichlorobenzene	++++ 1.5	-10.3 -2.2	3.1	2.7	-0.2	5.5	30	50 30	30	30	30	30
Benzyl chloride	++++ 3.9	-17.9 2.0	-6.3	7.2	0.1	11.0	30	50 30	30	30	30	30
n-Butylbenzene	++++ 3.7	-25.7 -4.6	1.7	10.7	4.1	10.1	30	50 30	30	30	30	30
1,2-Dichlorobenzene	++++ 0.0	-9.0 -4.3	6.3	3.4	-0.8	4.3	30	50 30	30	30	30	30
n-Undecane	++++ -2.5	++++ -7.7	++++	6.4	-1.7	5.4	30	30		50	30	30
n-Dodecane	++++ -3.5	++++ -3.8	++++	4.7	-2.9	5.4	30	30		50	30	30
1,2,4-Trichlorobenzene	++++ 5.9	++++ 8.4	-20.3	-3.4	1.7	7.7	30	30	50	30	30	30
Hexachlorobutadiene	++++ 0.7	-1.1 -2.1	0.8	-0.6	-2.6	4.8	30	50 30	30	30	30	30
Naphthalene	++++ 15.7	-49.7 14.9	-19.7	8.3	14.1	16.4	30	50 30	30	30	30	30
1,2,3-Trichlorobenzene	++++ 4.0	++++ 5.7	-15.8	-2.4	1.9	6.7	30	30	50	30	30	30

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_004.D
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 15-Apr-2024 15:53:48 ALS Bottle#: 0 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0059934-004
 Misc. Info.: IC 1
 Operator ID: wrd Instrument ID: CHAN.i
 Sublist: chrom-TO15_TO3_Master_Method_AN*sub1
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 16-Apr-2024 14:13:38 Calib Date: 16-Apr-2024 00:40:13
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_014.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1669

First Level Reviewer: BKZ7

Date: 16-Apr-2024 06:25:45

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	4.396	4.385	0.011	92	3404	0.0351	0.0716	
2 Dichlorodifluoromethane	85	4.487	4.487	0.000	97	4409	0.0351	0.0381	
3 Chlorodifluoromethane	51	4.535	4.530	0.005	96	3570	0.0351	0.0414	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.850	4.851	-0.001	97	4622	0.0351	0.0383	
5 Chloromethane	50	4.979	4.974	0.005	95	2385	0.0351	0.0451	
7 Butane	43	5.278	5.273	0.005	97	4912	0.0351	0.0676	
6 Vinyl chloride	62	5.278	5.273	0.005	70	1765	0.0351	0.0404	
8 Butadiene	54	5.385	5.391	-0.006	91	1866	0.0351	0.0524	
9 Bromomethane	94	6.113	6.113	0.000	89	1394	0.0351	0.0366	
10 Chloroethane	64	6.386	6.386	0.000	89	976	0.0351	0.0367	
12 2-Methylbutane	43	6.600	6.595	0.005	94	3048	0.0351	0.0458	
13 Vinyl bromide	106	6.803	6.809	-0.006	95	1287	0.0351	0.0389	
14 Trichlorofluoromethane	101	6.974	6.969	0.005	96	3693	0.0351	0.0388	
15 Pentane	43	7.178	7.178	0.000	92	4158	0.0351	0.0441	
16 Ethanol	45	7.397	7.360	0.037	98	3243	0.0702	0.1222	
18 Ethyl ether	59	7.611	7.590	0.021	95	1018	0.0351	0.0317	
19 Acrolein	56	7.857	7.841	0.016	1	500	0.0351	0.0308	
20 1,1-Dichloroethene	96	8.028	8.034	-0.006	89	1775	0.0351	0.0450	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.082	8.071	0.011	87	2929	0.0351	0.0373	
22 Acetone	43	8.157	8.119	0.038	97	6467	0.0351	0.0897	
23 Isopropyl alcohol	45	8.446	8.414	0.032	67	3482	0.0351	0.0495	
24 Carbon disulfide	76	8.440	8.435	0.005	97	4556	0.0351	0.0384	
25 Acetonitrile	41	8.649	8.628	0.021	98	1888	0.0351	0.0558	
26 3-Chloro-1-propene	41	8.729	8.735	-0.006	92	3014	0.0351	0.0493	
27 Methylene Chloride	49	8.964	8.965	-0.001	97	3429	0.0351	0.0632	
28 2-Methyl-2-propanol	59	9.211	9.179	0.032	97	2693	0.0351	0.0328	
29 Acrylonitrile	53	9.392	9.371	0.021	89	957	0.0351	0.0310	
30 trans-1,2-Dichloroethene	61	9.467	9.462	0.005	88	2348	0.0351	0.0365	
31 Methyl tert-butyl ether	73	9.489	9.468	0.021	94	4094	0.0351	0.0375	
32 Hexane	57	9.970	9.970	0.000	88	2404	0.0351	0.0366	

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				0		0.0702	0.0841	
33 1,1-Dichloroethane	63	10.232	10.233	-0.001	94	3104	0.0351	0.0389	
34 Vinyl acetate	43	10.270	10.238	0.032	98	2194	0.0277	0.0214	
36 2-Butanone (MEK)	72	11.238	11.206	0.032	96	708	0.0351	0.0362	
37 cis-1,2-Dichloroethene	96	11.238	11.233	0.005	86	1937	0.0351	0.0476	M
38 Ethyl acetate	88		11.281				ND	ND	
* 39 Chlorobromomethane	128	11.639	11.645	-0.006	94	187925	10.0	10.0	
40 Tetrahydrofuran	42	11.704	11.677	0.027	89	1840	0.0351	0.0380	
41 Chloroform	83	11.821	11.821	0.000	96	3252	0.0351	0.0383	
42 1,1,1-Trichloroethane	97	12.115	12.126	-0.011	94	3037	0.0351	0.0381	
43 Cyclohexane	84	12.265	12.260	0.005	88	1219	0.0351	0.0245	
44 Carbon tetrachloride	117	12.404	12.399	0.005	92	2549	0.0351	0.0343	
45 Benzene	78	12.752	12.752	0.000	97	5415	0.0351	0.0432	
46 1,2-Dichloroethane	62	12.832	12.827	0.005	89	2173	0.0351	0.0358	
47 Isooctane	57	12.961	12.966	-0.005	97	7881	0.0351	0.0370	
48 n-Heptane	43	13.271	13.266	0.005	88	2965	0.0351	0.0349	
* 49 1,4-Difluorobenzene	114	13.480	13.480	0.000	98	971298	10.0	10.0	
50 n-Butanol	56	13.752	13.710	0.042	1	579	0.0246	0.0195	
51 Trichloroethene	95	13.913	13.913	0.000	86	1939	0.0351	0.0371	
53 1,2-Dichloropropane	63		14.373				ND	ND	
54 Methyl methacrylate	69		14.459				ND	ND	
55 1,4-Dioxane	88	14.528	14.496	0.032	43	742	0.0351	0.0333	
57 Dibromomethane	174	14.534	14.528	0.006	86	1456	0.0351	0.0423	
58 Dichlorobromomethane	83	14.833	14.839	-0.006	93	3190	0.0351	0.0360	
59 cis-1,3-Dichloropropene	75	15.641	15.641	0.000	92	2229	0.0351	0.0306	
61 4-Methyl-2-pentanone (MIBK)	43	15.914	15.903	0.011	93	3018	0.0351	0.0281	
62 Toluene	92	16.278	16.278	0.000	91	2694	0.0351	0.0342	
A 63 Toluene Range	1	16.286	(16.214-16.358)		0	10970	NC	NC	
A 65 C8 Range	1	16.513	(16.433-16.593)		0	13474	NC	NC	
64 n-Octane	43	16.518	16.524	-0.006	91	3692	0.0351	0.0323	
66 trans-1,3-Dichloropropene	75	16.695	16.695	0.000	93	1987	0.0351	0.0293	
67 1,1,2-Trichloroethane	83		17.070				ND	ND	
68 Tetrachloroethene	166	17.262	17.267	-0.005	88	1691	0.0351	0.0346	
69 2-Hexanone	43	17.497	17.476	0.021	88	2508	0.0351	0.0265	
70 Chlorodibromomethane	129	17.802	17.808	-0.006	94	2111	0.0351	0.0301	
71 Ethylene Dibromide	107	18.043	18.049	-0.006	98	2130	0.0351	0.0307	
* 73 Chlorobenzene-d5	117	18.958	18.958	0.000	93	841528	10.0	10.0	
74 Chlorobenzene	112	19.017	19.017	0.000	94	3785	0.0351	0.0375	
75 Ethylbenzene	91	19.209	19.204	0.005	95	6080	0.0351	0.0345	
76 m-Xylene & p-Xylene	106	19.477	19.466	0.011	0	2071	0.0702	0.0339	
77 n-Nonane	57	19.525	19.520	0.005	93	2779	0.0351	0.0281	
S 80 Xylenes, Total	106				0		0.1052	0.0641	
78 o-Xylene	106	20.242	20.237	0.005	95	1779	0.0351	0.0302	
79 Styrene	104	20.274	20.274	0.000	94	2581	0.0351	0.0274	
81 Bromoform	173	20.611	20.611	0.000	88	1120	0.0351	0.0206	
82 Isopropylbenzene	105	20.910	20.916	-0.006	69	3155	0.0351	0.0178	
83 1,1,2,2-Tetrachloroethane	83	21.424	21.424	0.000	95	4102	0.0351	0.0356	
84 1,2,3-Trichloropropane	75	21.526	21.526	0.000	96	3630	0.0351	0.0394	
85 N-Propylbenzene	91	21.622	21.617	0.005	97	7117	0.0351	0.0307	
86 2-Chlorotoluene	91	21.766	21.767	-0.001	93	5051	0.0351	0.0339	
87 4-Ethyltoluene	105	21.815	21.809	0.006	96	4925	0.0351	0.0282	
88 1,3,5-Trimethylbenzene	105	21.906	21.906	0.000	91	4342	0.0351	0.0291	

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	21.932	21.932	0.000	87	2914	0.0351	0.0228	
90 Alpha Methyl Styrene	118	22.227	22.227	0.000	82	1472	0.0351	0.0223	
91 tert-Butylbenzene	119	22.382	22.382	0.000	86	4357	0.0351	0.0322	
92 1,2,4-Trimethylbenzene	105	22.473	22.467	0.006	96	3868	0.0351	0.0262	
93 sec-Butylbenzene	105	22.703	22.703	0.000	96	6381	0.0351	0.0291	
94 1,3-Dichlorobenzene	146	22.874	22.874	0.000	93	2789	0.0351	0.0318	
95 4-Isopropyltoluene	119	22.911	22.912	-0.001	95	4833	0.0351	0.0284	
96 1,4-Dichlorobenzene	146	23.018	23.013	0.005	86	2891	0.0351	0.0335	
97 Benzyl chloride	91	23.163	23.163	0.000	96	3589	0.0351	0.0259	
98 n-Butylbenzene	91	23.473	23.473	0.000	96	4208	0.0351	0.0230	
99 1,2-Dichlorobenzene	146	23.516	23.511	0.005	87	2733	0.0351	0.0321	
100 Undecane	57	23.617	23.618	-0.001	93	2660	0.0351	0.0203	
101 Dodecane	57	25.217	25.212	0.005	91	2343	0.0351	0.0202	
102 1,2,4-Trichlorobenzene	180	25.977	25.977	0.000	89	1987	0.0351	0.0349	
103 Hexachlorobutadiene	225	26.217	26.223	-0.006	85	1551	0.0351	0.0333	
104 Naphthalene	128	26.469	26.464	0.005	97	6735	0.0351	0.0475	
105 1,2,3-Trichlorobenzene	180	26.875	26.881	-0.006	88	2419	0.0351	0.0460	
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_00268

Amount Added: 35.00

Units: mL

ATTO15CISs_00012

Amount Added: 20.00

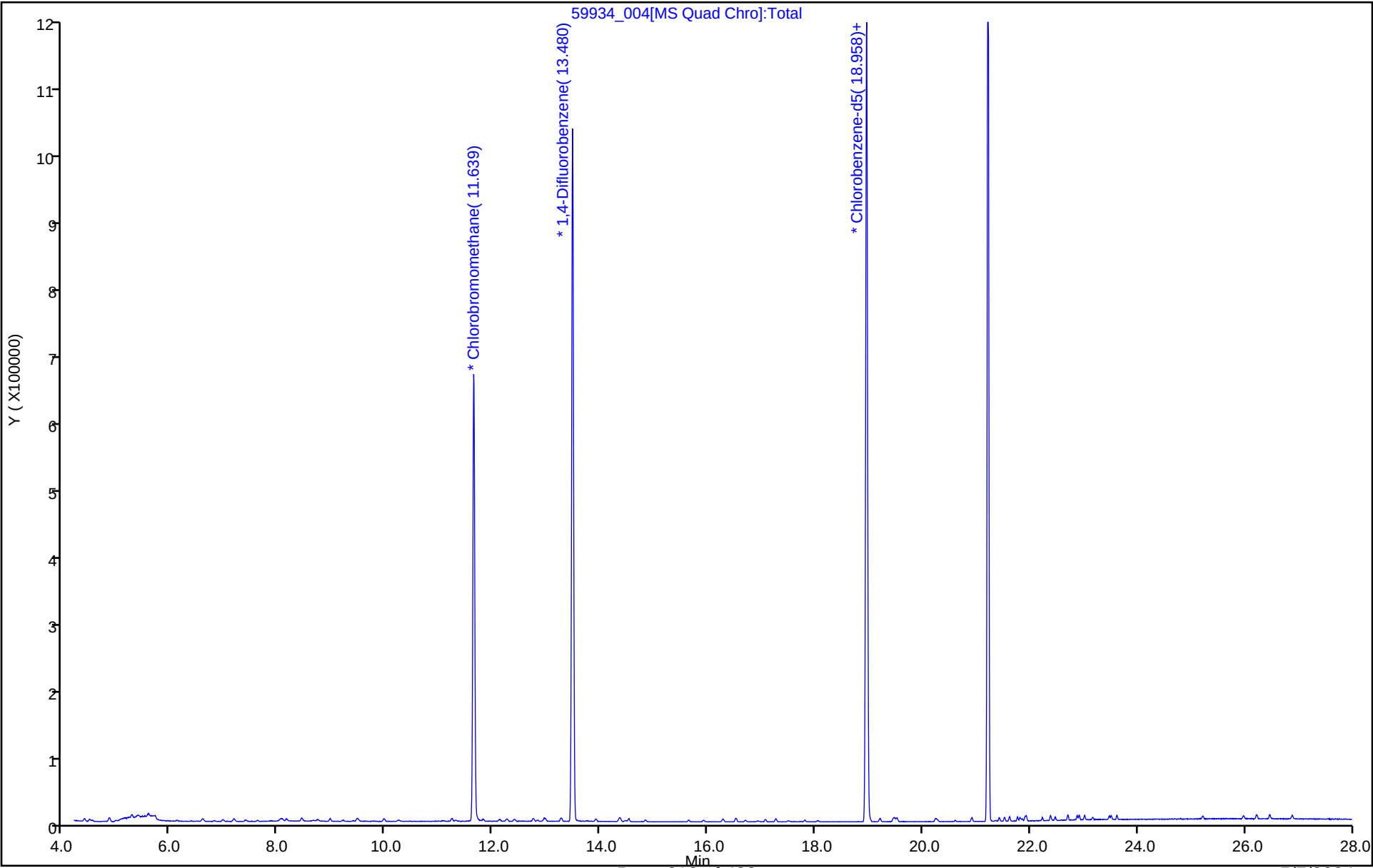
Units: mL

Run Reagent

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_004.D		
Injection Date:	15-Apr-2024 15:53:48	Instrument ID:	CHAN.i
Lims ID:	IC	Operator ID:	wrd
Client ID:		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)	ALS Bottle#:	0

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



Eurofins Burlington

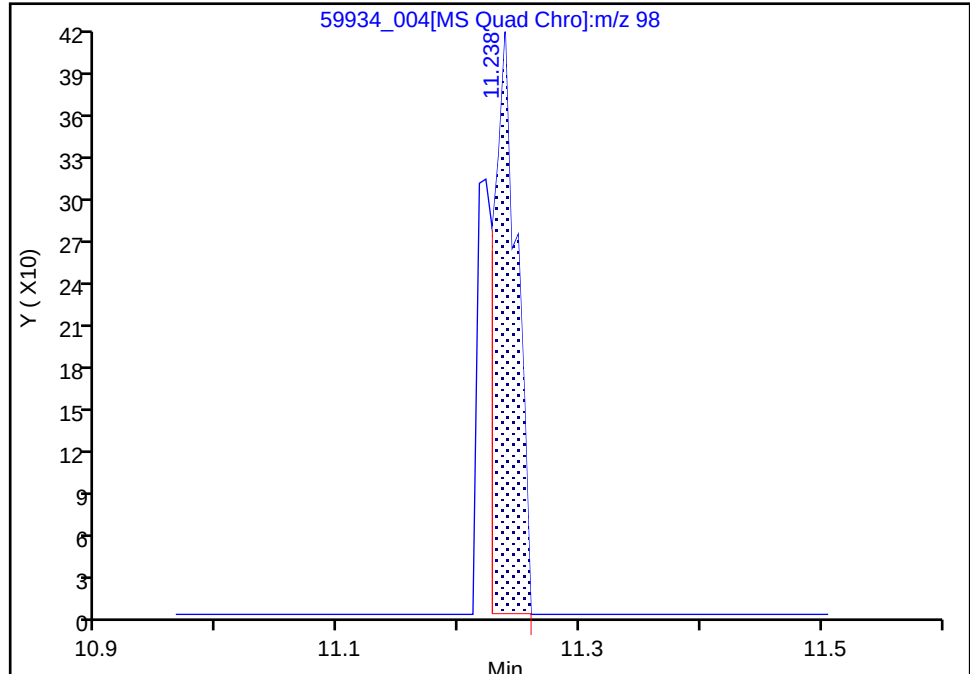
Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_004.D
Injection Date: 15-Apr-2024 15:53:48 Instrument ID: CHAN.i
Lims ID: IC
Client ID:
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

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

Signal: 2

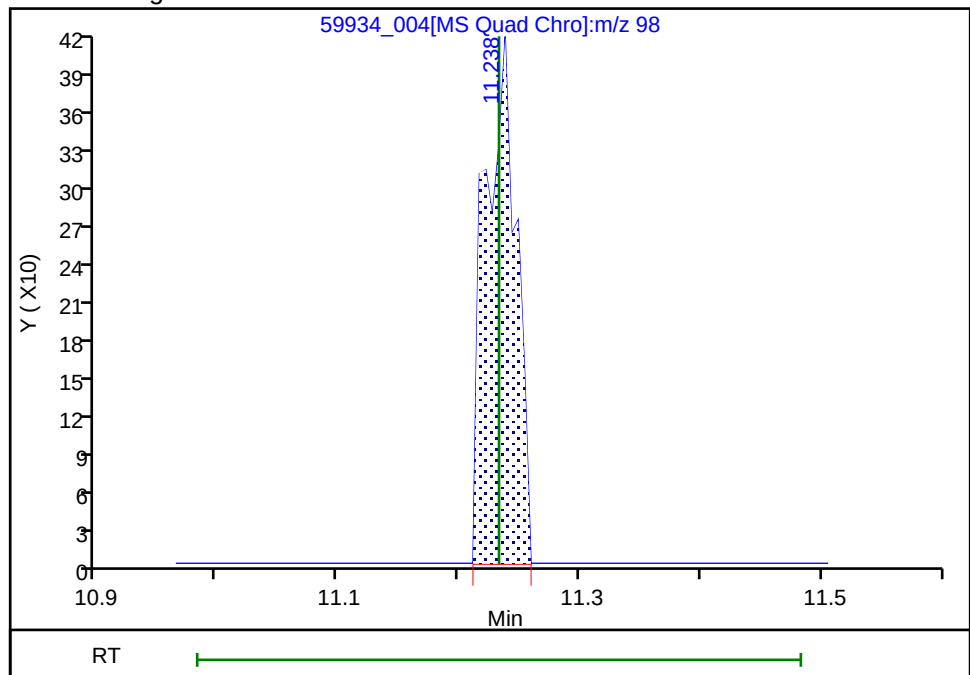
RT: 11.24
Area: 551
Amount: 0.033867
Amount Units: ppb v/v

Processing Integration Results



RT: 11.24
Area: 750
Amount: 0.047553
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 16-Apr-2024 06:23:40 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

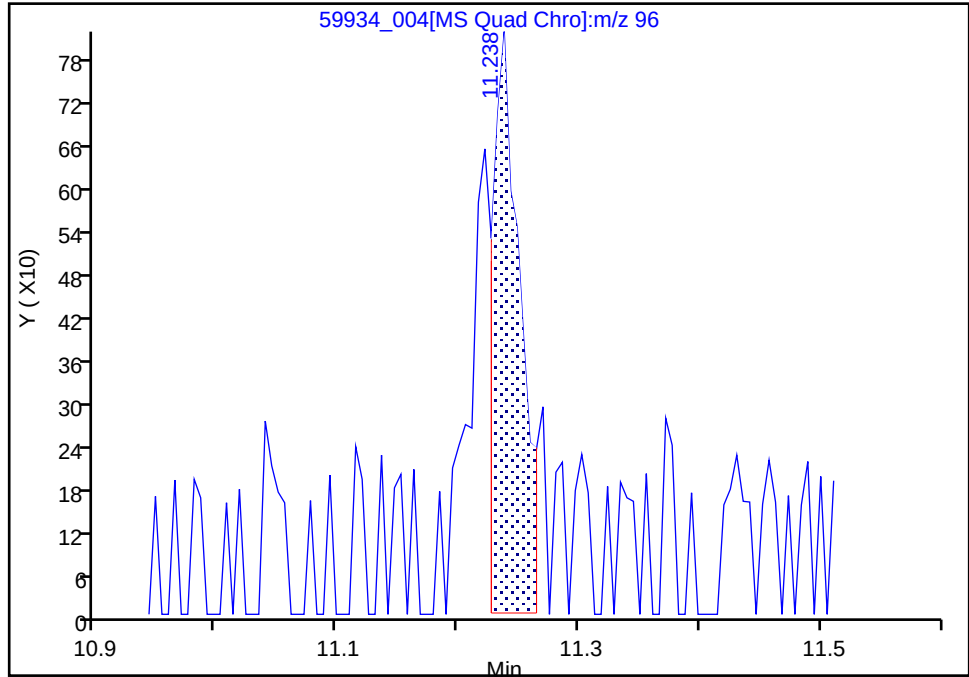
Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_004.D
Injection Date: 15-Apr-2024 15:53:48 Instrument ID: CHAN.i
Lims ID: IC
Client ID:
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

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

Signal: 1

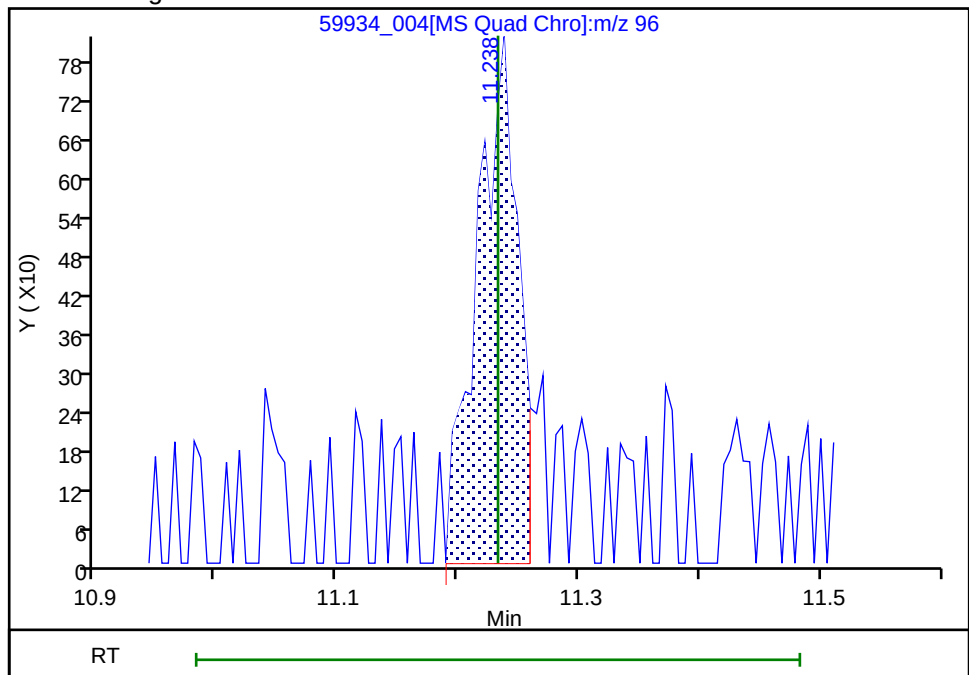
RT: 11.24
Area: 1303
Amount: 0.033867
Amount Units: ppb v/v

Processing Integration Results



RT: 11.24
Area: 1937
Amount: 0.047553
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 16-Apr-2024 06:24:45 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Assign Peak

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_005.D
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 15-Apr-2024 16:46:33 ALS Bottle#: 0 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0059934-005
 Misc. Info.: IC 2
 Operator ID: wrd Instrument ID: CHAN.i
 Sublist: chrom-TO15_TO3_Master_Method_AN*sub1
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 16-Apr-2024 14:13:42 Calib Date: 16-Apr-2024 00:40:13
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_014.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1669

First Level Reviewer: BKZ7

Date: 16-Apr-2024 06:26:24

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	4.390	4.390	0.000	96	12935	0.2004	0.2774	
2 Dichlorodifluoromethane	85	4.486	4.486	0.000	99	26234	0.2004	0.2312	
3 Chlorodifluoromethane	51	4.535	4.535	0.000	98	19945	0.2004	0.2356	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.856	4.856	0.000	97	26502	0.2004	0.2241	
5 Chloromethane	50	4.973	4.973	0.000	99	12558	0.2004	0.2420	
7 Butane	43	5.273	5.273	0.000	98	17881	0.2004	0.2508	
6 Vinyl chloride	62	5.278	5.278	0.000	66	9631	0.2004	0.2250	
8 Butadiene	54	5.385	5.385	0.000	97	7960	0.2004	0.2279	
9 Bromomethane	94	6.113	6.113	0.000	97	8435	0.2004	0.2260	
10 Chloroethane	64	6.386	6.386	0.000	98	5799	0.2004	0.2224	
12 2-Methylbutane	43	6.594	6.594	0.000	93	15084	0.2004	0.2309	
13 Vinyl bromide	106	6.808	6.808	0.000	95	6989	0.2004	0.2154	
14 Trichlorofluoromethane	101	6.969	6.969	0.000	98	20725	0.2004	0.2219	
15 Pentane	43	7.172	7.172	0.000	98	21885	0.2004	0.2364	
16 Ethanol	45	7.381	7.381	0.000	98	17340	0.4009	0.6659	
18 Ethyl ether	59	7.611	7.611	0.000	96	6602	0.2004	0.2093	
19 Acrolein	56	7.851	7.851	0.000	92	3179	0.2004	0.1996	
20 1,1-Dichloroethene	96	8.039	8.039	0.000	94	8610	0.2004	0.2225	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	8.076	8.076	0.000	89	17040	0.2004	0.2212	
22 Acetone	43	8.146	8.146	0.000	99	24444	0.2004	0.3455	
23 Isopropyl alcohol	45	8.435	8.435	0.000	64	16080	0.2004	0.2331	
24 Carbon disulfide	76	8.435	8.435	0.000	100	26253	0.2004	0.2258	
25 Acetonitrile	41	8.638	8.638	0.000	98	8176	0.2004	0.2463	
26 3-Chloro-1-propene	41	8.739	8.739	0.000	96	13074	0.2004	0.2179	
27 Methylene Chloride	49	8.964	8.964	0.000	98	13959	0.2004	0.2622	
28 2-Methyl-2-propanol	59	9.200	9.200	0.000	96	15768	0.2004	0.1959	
29 Acrylonitrile	53	9.381	9.381	0.000	93	6329	0.2004	0.2090	
30 trans-1,2-Dichloroethene	61	9.462	9.462	0.000	93	13815	0.2004	0.2190	
31 Methyl tert-butyl ether	73	9.488	9.488	0.000	95	22124	0.2004	0.2064	
32 Hexane	57	9.975	9.975	0.000	93	13814	0.2004	0.2142	

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				0		0.4009	0.4355	
33 1,1-Dichloroethane	63	10.232	10.232	0.000	99	17512	0.2004	0.2235	
34 Vinyl acetate	43	10.253	10.253	0.000	99	15700	0.1583	0.1560	
36 2-Butanone (MEK)	72	11.222	11.222	0.000	100	4736	0.2004	0.2470	
37 cis-1,2-Dichloroethene	96	11.232	11.232	0.000	86	8650	0.2004	0.2165	
38 Ethyl acetate	88	11.302	11.302	0.000	98	471	0.2004	0.1449	
* 39 Chlorobromomethane	128	11.644	11.644	0.000	94	184327	10.0	10.0	
40 Tetrahydrofuran	42	11.698	11.698	0.000	94	10945	0.2004	0.2305	
41 Chloroform	83	11.816	11.816	0.000	95	18521	0.2004	0.2225	
42 1,1,1-Trichloroethane	97	12.126	12.126	0.000	95	17345	0.2004	0.2217	
43 Cyclohexane	84	12.260	12.260	0.000	93	10059	0.2004	0.2062	
44 Carbon tetrachloride	117	12.404	12.404	0.000	93	15220	0.2004	0.2089	
45 Benzene	78	12.752	12.752	0.000	98	27161	0.2004	0.2210	
46 1,2-Dichloroethane	62	12.832	12.832	0.000	94	13189	0.2004	0.2216	
47 Isooctane	57	12.966	12.966	0.000	98	44156	0.2004	0.2111	
48 n-Heptane	43	13.265	13.265	0.000	95	17691	0.2004	0.2123	
* 49 1,4-Difluorobenzene	114	13.479	13.479	0.000	98	952699	10.0	10.0	
50 n-Butanol	56	13.720	13.720	0.000	97	6226	0.1403	0.2141	
51 Trichloroethene	95	13.913	13.913	0.000	90	10743	0.2004	0.2097	
53 1,2-Dichloropropane	63	14.378	14.378	0.000	89	11137	0.2004	0.2180	
54 Methyl methacrylate	69	14.464	14.464	0.000	92	7433	0.2004	0.1730	
55 1,4-Dioxane	88	14.517	14.517	0.000	96	4261	0.2004	0.1952	
57 Dibromomethane	174	14.533	14.533	0.000	85	7882	0.2004	0.2336	
58 Dichlorobromomethane	83	14.838	14.838	0.000	96	17667	0.2004	0.2032	
59 cis-1,3-Dichloropropene	75	15.641	15.641	0.000	99	14055	0.2004	0.1969	
61 4-Methyl-2-pentanone (MIBK)	43	15.919	15.919	0.000	97	19332	0.2004	0.1838	
62 Toluene	92	16.283	16.283	0.000	92	15979	0.2004	0.2105	
A 63 Toluene Range	1	16.283	(16.229-16.336)	0	69550	NC	NC		
A 65 C8 Range	1	16.523	(16.465-16.582)	0	81588	NC	NC		
64 n-Octane	43	16.523	16.523	0.000	94	22291	0.2004	0.1990	
66 trans-1,3-Dichloropropene	75	16.689	16.689	0.000	95	12883	0.2004	0.1936	
67 1,1,2-Trichloroethane	83	17.069	17.069	0.000	92	9775	0.2004	0.2267	
68 Tetrachloroethene	166	17.262	17.262	0.000	86	10148	0.2004	0.2157	
69 2-Hexanone	43	17.492	17.492	0.000	91	15518	0.2004	0.1704	
70 Chlorodibromomethane	129	17.807	17.807	0.000	95	12336	0.2004	0.1824	
71 Ethylene Dibromide	107	18.043	18.043	0.000	96	13816	0.2004	0.2068	
* 73 Chlorobenzene-d5	117	18.958	18.958	0.000	93	810341	10.0	10.0	
74 Chlorobenzene	112	19.016	19.016	0.000	92	21508	0.2004	0.2214	
75 Ethylbenzene	91	19.209	19.209	0.000	100	34739	0.2004	0.2048	
76 m-Xylene & p-Xylene	106	19.466	19.466	0.000	0	22628	0.4009	0.3842	
77 n-Nonane	57	19.519	19.519	0.000	94	17951	0.2004	0.1883	
S 80 Xylenes, Total	106				0		0.6013	0.5778	
78 o-Xylene	106	20.236	20.236	0.000	97	10974	0.2004	0.1936	
79 Styrene	104	20.274	20.274	0.000	97	15303	0.2004	0.1689	
81 Bromoform	173	20.611	20.611	0.000	88	6977	0.2004	0.1335	
82 Isopropylbenzene	105	20.916	20.916	0.000	98	32335	0.2004	0.1891	
83 1,1,2,2-Tetrachloroethane	83	21.424	21.424	0.000	98	24399	0.2004	0.2196	
84 1,2,3-Trichloropropane	75	21.525	21.525	0.000	96	20295	0.2004	0.2290	
85 N-Propylbenzene	91	21.616	21.616	0.000	97	42659	0.2004	0.1912	
86 2-Chlorotoluene	91	21.766	21.766	0.000	96	28509	0.2004	0.1990	
87 4-Ethyltoluene	105	21.814	21.814	0.000	97	30586	0.2004	0.1816	
88 1,3,5-Trimethylbenzene	105	21.905	21.905	0.000	90	26756	0.2004	0.1863	

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	21.927	21.927	0.000	90	19560	0.2004	0.1588	
90 Alpha Methyl Styrene	118	22.226	22.226	0.000	80	8936	0.2004	0.1405	
91 tert-Butylbenzene	119	22.381	22.381	0.000	88	25632	0.2004	0.1964	
92 1,2,4-Trimethylbenzene	105	22.467	22.467	0.000	98	23536	0.2004	0.1654	
93 sec-Butylbenzene	105	22.702	22.702	0.000	97	39672	0.2004	0.1878	
94 1,3-Dichlorobenzene	146	22.879	22.879	0.000	93	15219	0.2004	0.1803	
95 4-Isopropyltoluene	119	22.916	22.916	0.000	96	28048	0.2004	0.1712	
96 1,4-Dichlorobenzene	146	23.013	23.013	0.000	87	14960	0.2004	0.1798	
97 Benzyl chloride	91	23.168	23.168	0.000	96	21917	0.2004	0.1646	
98 n-Butylbenzene	91	23.478	23.478	0.000	97	26217	0.2004	0.1490	
99 1,2-Dichlorobenzene	146	23.510	23.510	0.000	90	14931	0.2004	0.1824	
100 Undecane	57	23.617	23.617	0.000	93	14431	0.2004	0.1142	
101 Dodecane	57	25.217	25.217	0.000	92	10104	0.2004	0.0906	
102 1,2,4-Trichlorobenzene	180	25.982	25.982	0.000	90	5282	0.2004	0.0962	
103 Hexachlorobutadiene	225	26.223	26.223	0.000	88	8895	0.2004	0.1983	
104 Naphthalene	128	26.469	26.469	0.000	96	13756	0.2004	0.1007	
105 1,2,3-Trichlorobenzene	180	26.881	26.881	0.000	90	6092	0.2004	0.1202	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL1w_00268

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\20240415-59934.b\59934_005.D

Injection Date: 15-Apr-2024 16:46:33

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: IC

Worklist Smp#: 5

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

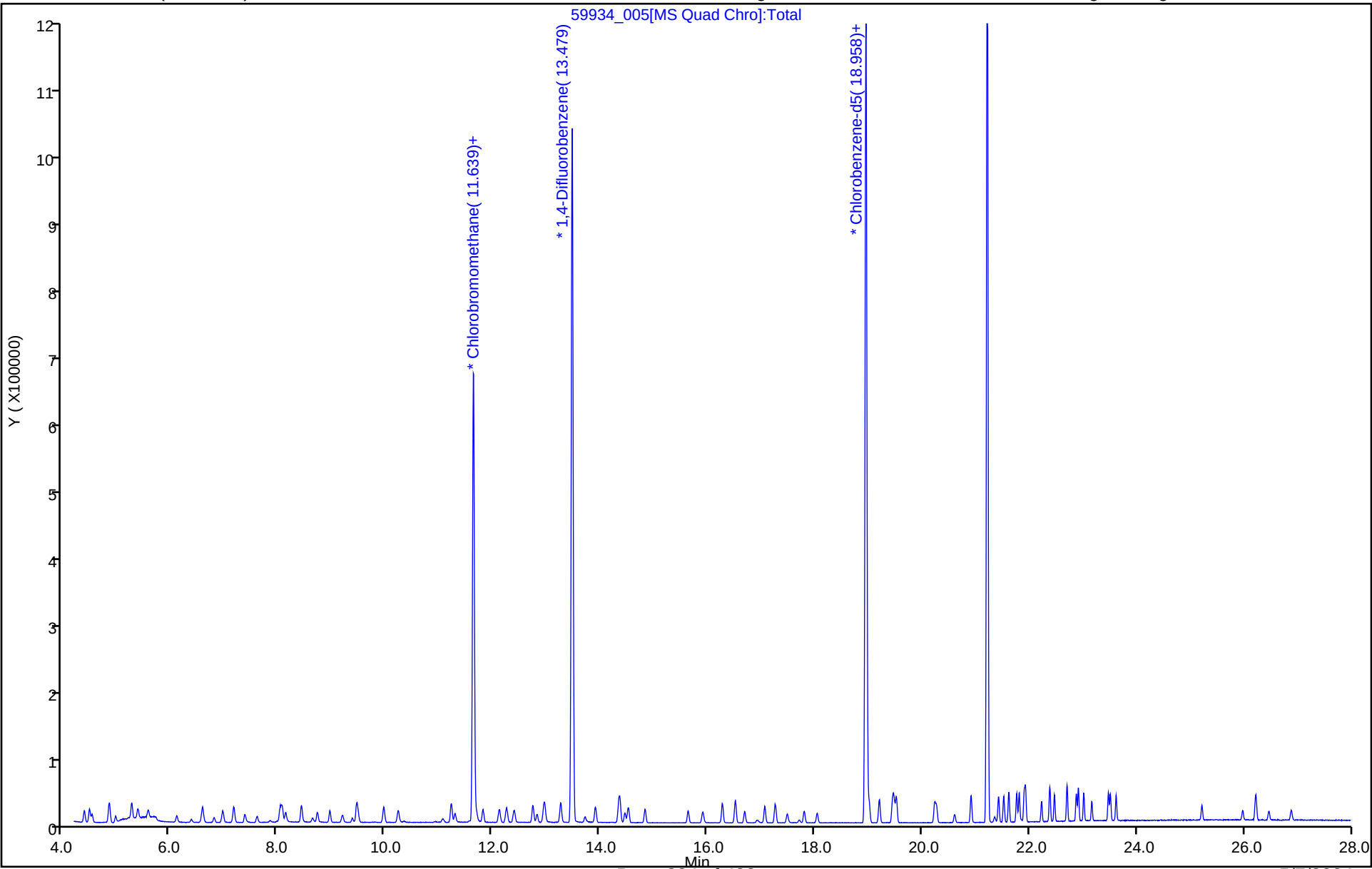
ALS Bottle#: 0

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
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_006.D
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 15-Apr-2024 17:39:11 ALS Bottle#: 0 Worklist Smp#: 6
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0059934-006
 Misc. Info.: IC 3
 Operator ID: wrd Instrument ID: CHAN.i
 Sublist: chrom-TO15_TO3_Master_Method_AN*sub1
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 16-Apr-2024 14:13:47 Calib Date: 16-Apr-2024 00:40:13
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_014.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1669

First Level Reviewer: BKZ7

Date: 16-Apr-2024 06:26:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.390	4.390	0.000	97	27323	0.5005	0.6155	
2 Dichlorodifluoromethane	85	4.487	4.486	0.001	99	60893	0.5005	0.5637	
3 Chlorodifluoromethane	51	4.535	4.535	0.000	98	46796	0.5005	0.5807	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.850	4.856	-0.006	97	62035	0.5005	0.5510	
5 Chloromethane	50	4.973	4.973	0.000	99	28843	0.5005	0.5840	
7 Butane	43	5.273	5.273	0.000	98	40453	0.5005	0.5961	
6 Vinyl chloride	62	5.273	5.278	-0.005	66	22503	0.5005	0.5523	
8 Butadiene	54	5.385	5.385	0.000	97	17273	0.5005	0.5195	
9 Bromomethane	94	6.113	6.113	0.000	98	19240	0.5005	0.5414	
10 Chloroethane	64	6.386	6.386	0.000	99	13752	0.5005	0.5540	
12 2-Methylbutane	43	6.589	6.594	-0.005	95	34134	0.5005	0.5489	
13 Vinyl bromide	106	6.808	6.808	0.000	98	16206	0.5005	0.5247	
14 Trichlorofluoromethane	101	6.969	6.969	0.000	97	49360	0.5005	0.5551	
15 Pentane	43	7.178	7.172	0.006	96	49757	0.5005	0.5647	
16 Ethanol	45	7.370	7.381	-0.011	98	132998	5.01	5.37	
18 Ethyl ether	59	7.606	7.611	-0.005	97	15987	0.5005	0.5324	
19 Acrolein	56	7.852	7.851	0.001	95	8044	0.5005	0.5306	
20 1,1-Dichloroethene	96	8.039	8.039	0.000	91	18900	0.5005	0.5130	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.071	8.076	-0.005	89	40534	0.5005	0.5528	
22 Acetone	43	8.135	8.146	-0.011	99	48914	0.5005	0.7263	
23 Isopropyl alcohol	45	8.435	8.435	0.000	98	35091	0.5005	0.5344	
24 Carbon disulfide	76	8.440	8.435	0.005	100	62023	0.5005	0.5603	
25 Acetonitrile	41	8.643	8.638	0.005	100	18816	0.5005	0.5954	
26 3-Chloro-1-propene	41	8.734	8.739	-0.005	95	31906	0.5005	0.5587	
27 Methylene Chloride	49	8.964	8.964	0.000	98	30516	0.5005	0.6021	
28 2-Methyl-2-propanol	59	9.200	9.200	0.000	96	37122	0.5005	0.4846	
29 Acrylonitrile	53	9.382	9.381	0.001	97	15427	0.5005	0.5352	
30 trans-1,2-Dichloroethene	61	9.462	9.462	0.000	92	33231	0.5005	0.5534	
31 Methyl tert-butyl ether	73	9.478	9.488	-0.010	96	53392	0.5005	0.5234	
32 Hexane	57	9.970	9.975	-0.005	93	32335	0.5005	0.5268	

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				0		1.00	1.05	
33 1,1-Dichloroethane	63	10.232	10.232	0.000	100	41090	0.5005	0.5509	
34 Vinyl acetate	43	10.248	10.253	-0.005	100	37316	0.3954	0.3895	
36 2-Butanone (MEK)	72	11.217	11.222	-0.005	100	9462	0.5005	0.5184	
37 cis-1,2-Dichloroethene	96	11.233	11.232	0.001	98	18767	0.5005	0.4934	
38 Ethyl acetate	88	11.302	11.302	0.000	98	1458	0.5005	0.4713	
* 39 Chlorobromomethane	128	11.645	11.644	0.001	94	175467	10.0	10.0	
40 Tetrahydrofuran	42	11.693	11.698	-0.005	94	25398	0.5005	0.5649	
41 Chloroform	83	11.816	11.816	0.000	97	44000	0.5005	0.5552	
42 1,1,1-Trichloroethane	97	12.126	12.126	0.000	96	40764	0.5005	0.5503	
43 Cyclohexane	84	12.260	12.260	0.000	93	23765	0.5005	0.5146	
44 Carbon tetrachloride	117	12.399	12.404	-0.005	95	37487	0.5005	0.5435	
45 Benzene	78	12.747	12.752	-0.005	98	64416	0.5005	0.5537	
46 1,2-Dichloroethane	62	12.827	12.832	-0.005	94	31289	0.5005	0.5552	
47 Isooctane	57	12.966	12.966	0.000	98	105257	0.5005	0.5316	
48 n-Heptane	43	13.266	13.265	0.001	95	42437	0.5005	0.5378	
* 49 1,4-Difluorobenzene	114	13.480	13.479	0.001	98	902017	10.0	10.0	
50 n-Butanol	56	13.715	13.720	-0.005	95	10212	0.3503	0.3708	
51 Trichloroethene	95	13.913	13.913	0.000	89	25581	0.5005	0.5274	
53 1,2-Dichloropropane	63	14.373	14.378	-0.005	88	27304	0.5005	0.5644	
54 Methyl methacrylate	69	14.464	14.464	0.000	92	18967	0.5005	0.4663	
55 1,4-Dioxane	88	14.517	14.517	0.000	95	10103	0.5005	0.4887	
57 Dibromomethane	174	14.534	14.533	0.001	85	17035	0.5005	0.5333	
58 Dichlorobromomethane	83	14.844	14.838	0.006	97	44243	0.5005	0.5375	
59 cis-1,3-Dichloropropene	75	15.641	15.641	0.000	97	33499	0.5005	0.4957	
61 4-Methyl-2-pentanone (MIBK)	43	15.908	15.919	-0.011	97	47872	0.5005	0.4808	
62 Toluene	92	16.278	16.283	-0.005	92	37612	0.5005	0.5155	
A 63 Toluene Range	1	16.283	(16.229-16.336)	0	166856	NC	NC		
64 n-Octane	43	16.518	16.523	-0.005	96	55736	0.5005	0.5255	
A 65 C8 Range	1	16.523	(16.465-16.582)	0	203737	NC	NC		
66 trans-1,3-Dichloropropene	75	16.695	16.689	0.006	97	31485	0.5005	0.4997	
67 1,1,2-Trichloroethane	83	17.069	17.069	0.000	96	22854	0.5005	0.5514	
68 Tetrachloroethene	166	17.273	17.262	0.011	86	23993	0.5005	0.5304	
69 2-Hexanone	43	17.487	17.492	-0.005	92	38881	0.5005	0.4442	
70 Chlorodibromomethane	129	17.802	17.807	-0.005	95	34035	0.5005	0.5234	
71 Ethylene Dibromide	107	18.043	18.043	0.000	97	33331	0.5005	0.5189	
* 73 Chlorobenzene-d5	117	18.958	18.958	0.000	93	779011	10.0	10.0	
74 Chlorobenzene	112	19.017	19.016	0.001	90	51226	0.5005	0.5485	
75 Ethylbenzene	91	19.204	19.209	-0.005	100	84541	0.5005	0.5186	
76 m-Xylene & p-Xylene	106	19.471	19.466	0.005	0	58992	1.00	1.04	
77 n-Nonane	57	19.520	19.519	0.001	94	50744	0.5005	0.5536	
S 80 Xylenes, Total	106				0		1.50	1.53	
78 o-Xylene	106	20.236	20.236	0.000	97	26498	0.5005	0.4863	
79 Styrene	104	20.269	20.274	-0.006	98	40840	0.5005	0.4688	
81 Bromoform	173	20.606	20.611	-0.005	89	25488	0.5005	0.5073	
82 Isopropylbenzene	105	20.916	20.916	0.000	98	81838	0.5005	0.4978	
83 1,1,2,2-Tetrachloroethane	83	21.424	21.424	0.000	98	58123	0.5005	0.5442	
84 1,2,3-Trichloropropane	75	21.520	21.525	-0.005	97	48040	0.5005	0.5639	
85 N-Propylbenzene	91	21.617	21.616	0.001	97	113008	0.5005	0.5269	
86 2-Chlorotoluene	91	21.766	21.766	0.000	96	72809	0.5005	0.5286	
87 4-Ethyltoluene	105	21.809	21.814	-0.005	98	84636	0.5005	0.5229	
88 1,3,5-Trimethylbenzene	105	21.906	21.905	0.001	91	72531	0.5005	0.5252	

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	21.932	21.927	0.005	90	65445	0.5005	0.5526	
90 Alpha Methyl Styrene	118	22.227	22.226	0.001	82	27017	0.5005	0.4419	
91 tert-Butylbenzene	119	22.382	22.381	0.001	90	64969	0.5005	0.5180	
92 1,2,4-Trimethylbenzene	105	22.467	22.467	0.000	98	72221	0.5005	0.5279	
93 sec-Butylbenzene	105	22.703	22.702	0.001	98	107096	0.5005	0.5275	
94 1,3-Dichlorobenzene	146	22.879	22.879	0.000	95	43006	0.5005	0.5298	
95 4-Isopropyltoluene	119	22.917	22.916	0.001	98	80504	0.5005	0.5110	
96 1,4-Dichlorobenzene	146	23.013	23.013	0.000	87	41266	0.5005	0.5158	
97 Benzyl chloride	91	23.163	23.168	-0.005	97	60038	0.5005	0.4689	
98 n-Butylbenzene	91	23.473	23.478	-0.005	97	86041	0.5005	0.5087	
99 1,2-Dichlorobenzene	146	23.510	23.510	0.000	90	41884	0.5005	0.5321	
100 Undecane	57	23.617	23.617	0.000	95	59499	0.5005	0.4896	
101 Dodecane	57	25.217	25.217	0.000	93	44122	0.5005	0.4114	
102 1,2,4-Trichlorobenzene	180	25.977	25.982	-0.005	90	21047	0.5005	0.3989	
103 Hexachlorobutadiene	225	26.223	26.223	0.000	88	21759	0.5005	0.5045	
104 Naphthalene	128	26.464	26.469	-0.005	97	52732	0.5005	0.4017	
105 1,2,3-Trichlorobenzene	180	26.881	26.881	0.000	93	20533	0.5005	0.4215	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL2w_00348

Amount Added: 200.00

Units: mL

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 16-Apr-2024 14:13:47

Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_006.D

Injection Date: 15-Apr-2024 17:39:11

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: IC

Worklist Smp#: 6

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

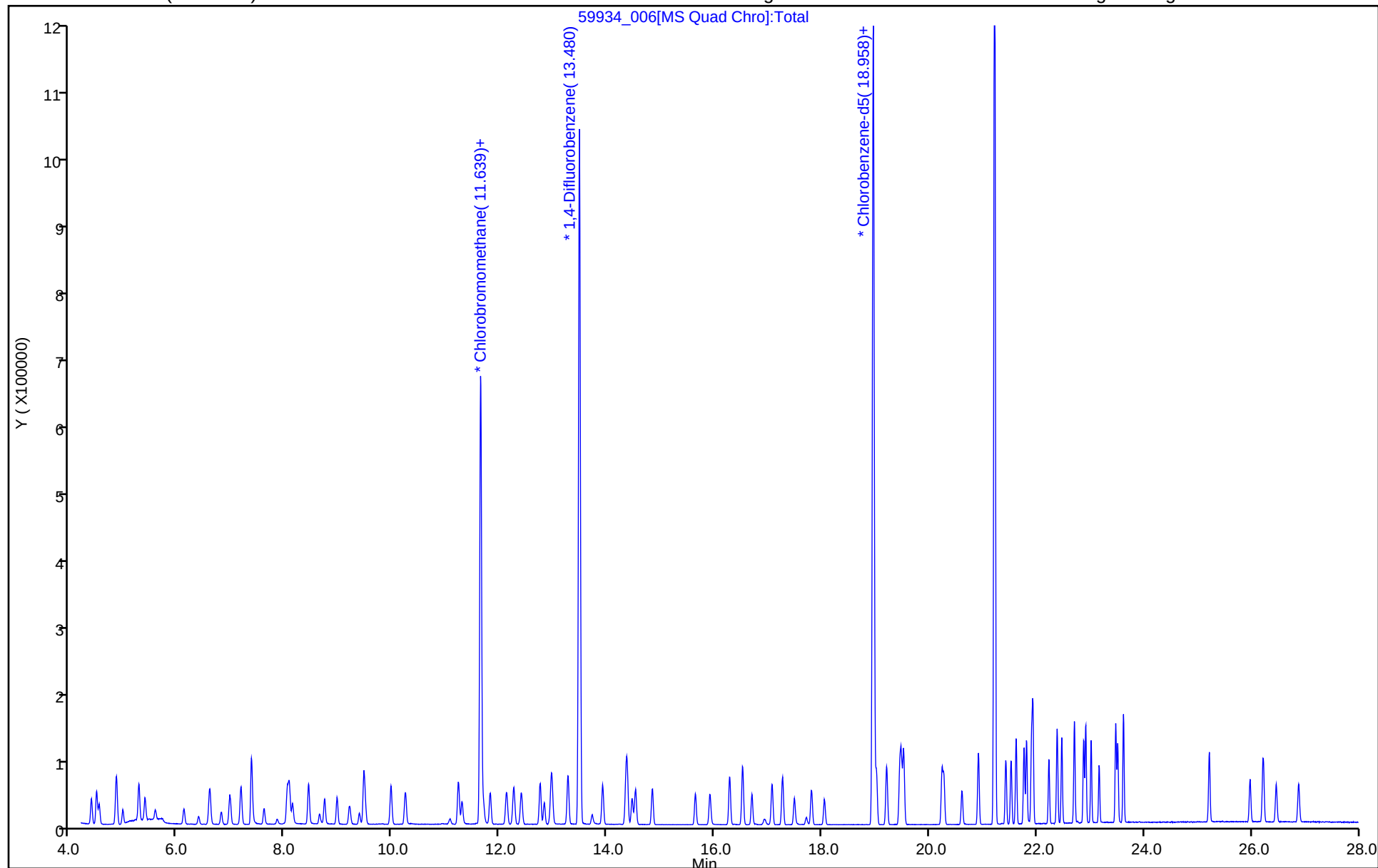
ALS Bottle#: 0

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\20240415-59934.b\59934_007.D
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 15-Apr-2024 18:32:00 ALS Bottle#: 0 Worklist Smp#: 7
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0059934-007
 Misc. Info.: IC 4
 Operator ID: wrd Instrument ID: CHAN.i
 Sublist: chrom-TO15_TO3_Master_Method_AN*sub1
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 16-Apr-2024 14:13:52 Calib Date: 16-Apr-2024 00:40:13
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_014.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1669

First Level Reviewer: BKZ7

Date: 16-Apr-2024 14:13:20

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	4.385	4.390	-0.005	98	223937	4.99	5.10	
2 Dichlorodifluoromethane	85	4.487	4.486	0.001	99	529138	4.99	4.95	
3 Chlorodifluoromethane	51	4.535	4.535	0.000	97	395602	4.99	4.96	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.856	4.856	0.000	97	538054	4.99	4.83	
5 Chloromethane	50	4.973	4.973	0.000	99	243407	4.99	4.98	
7 Butane	43	5.273	5.273	0.000	98	351079	4.99	5.23	
6 Vinyl chloride	62	5.273	5.278	-0.005	67	194557	4.99	4.83	
8 Butadiene	54	5.391	5.385	0.006	97	150182	4.99	4.57	
9 Bromomethane	94	6.113	6.113	0.000	98	167727	4.99	4.77	
10 Chloroethane	64	6.386	6.386	0.000	100	120580	4.99	4.91	
12 2-Methylbutane	43	6.594	6.594	0.000	95	299333	4.99	4.87	
13 Vinyl bromide	106	6.808	6.808	0.000	98	146163	4.99	4.78	
14 Trichlorofluoromethane	101	6.969	6.969	0.000	98	429439	4.99	4.88	
15 Pentane	43	7.178	7.172	0.006	96	439680	4.99	5.05	
16 Ethanol	45	7.365	7.381	-0.016	98	257315	10.0	10.5	
18 Ethyl ether	59	7.595	7.611	-0.016	98	146565	4.99	4.93	
19 Acrolein	56	7.841	7.851	-0.010	96	76677	4.99	5.11	
20 1,1-Dichloroethene	96	8.034	8.039	-0.005	92	166135	4.99	4.56	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	8.071	8.076	-0.005	89	353676	4.99	4.88	
22 Acetone	43	8.125	8.146	-0.022	99	352424	4.99	5.29	
23 Isopropyl alcohol	45	8.419	8.435	-0.016	100	333745	4.99	5.14	
24 Carbon disulfide	76	8.440	8.435	0.005	100	546960	4.99	5.00	
25 Acetonitrile	41	8.633	8.638	-0.005	98	165943	4.99	5.31	
26 3-Chloro-1-propene	41	8.734	8.739	-0.005	95	284870	4.99	5.04	
27 Methylene Chloride	49	8.964	8.964	0.000	98	255106	4.99	5.09	
28 2-Methyl-2-propanol	59	9.184	9.200	-0.016	97	379212	4.99	5.01	
29 Acrylonitrile	53	9.376	9.381	-0.005	94	143815	4.99	5.04	
30 trans-1,2-Dichloroethene	61	9.462	9.462	0.000	92	297240	4.99	5.00	
31 Methyl tert-butyl ether	73	9.467	9.488	-0.021	97	507048	4.99	5.03	
32 Hexane	57	9.970	9.975	-0.005	93	305112	4.99	5.03	

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				0		9.99	9.60	
33 1,1-Dichloroethane	63	10.232	10.232	0.000	100	360984	4.99	4.89	
34 Vinyl acetate	43	10.243	10.253	-0.010	100	379970	3.94	4.01	
36 2-Butanone (MEK)	72	11.211	11.222	-0.011	100	88938	4.99	4.93	
37 cis-1,2-Dichloroethene	96	11.233	11.232	0.001	98	172734	4.99	4.59	
38 Ethyl acetate	88	11.286	11.302	-0.016	99	15351	4.99	5.02	
* 39 Chlorobromomethane	128	11.645	11.644	0.001	94	173541	10.0	10.0	
40 Tetrahydrofuran	42	11.682	11.698	-0.016	95	234946	4.99	5.30	
41 Chloroform	83	11.821	11.816	0.005	97	388016	4.99	4.95	
42 1,1,1-Trichloroethane	97	12.126	12.126	0.000	96	359110	4.99	4.92	
43 Cyclohexane	84	12.260	12.260	0.000	94	227123	4.99	4.99	
44 Carbon tetrachloride	117	12.399	12.404	-0.005	95	339082	4.99	4.99	
45 Benzene	78	12.752	12.752	0.000	98	563612	4.99	4.92	
46 1,2-Dichloroethane	62	12.827	12.832	-0.005	93	278864	4.99	5.02	
47 Isooctane	57	12.961	12.966	-0.005	98	1004282	4.99	5.15	
48 n-Heptane	43	13.266	13.265	0.001	97	404138	4.99	5.20	
* 49 1,4-Difluorobenzene	114	13.480	13.479	0.001	97	889036	10.0	10.0	
50 n-Butanol	56	13.710	13.720	-0.010	95	90687	3.49	3.34	
51 Trichloroethene	95	13.913	13.913	0.000	89	232889	4.99	4.87	
53 1,2-Dichloropropane	63	14.373	14.378	-0.005	87	240980	4.99	5.05	
54 Methyl methacrylate	69	14.459	14.464	-0.005	91	204095	4.99	5.09	
55 1,4-Dioxane	88	14.496	14.517	-0.021	98	106387	4.99	5.22	
57 Dibromomethane	174	14.528	14.533	-0.005	85	149003	4.99	4.73	
58 Dichlorobromomethane	83	14.838	14.838	0.000	97	409508	4.99	5.05	
59 cis-1,3-Dichloropropene	75	15.641	15.641	0.000	97	331184	4.99	4.97	
61 4-Methyl-2-pentanone (MIBK)	43	15.908	15.919	-0.011	97	515776	4.99	5.26	
62 Toluene	92	16.278	16.283	-0.005	92	365144	4.99	4.97	
A 63 Toluene Range	1	16.283	(16.229-16.336)	0	1609984	NC	NC		
64 n-Octane	43	16.524	16.523	0.001	96	558719	4.99	5.34	
A 65 C8 Range	1	16.523	(16.465-16.582)	0	1997566	NC	NC		
66 trans-1,3-Dichloropropene	75	16.695	16.689	0.006	97	314182	4.99	5.06	
67 1,1,2-Trichloroethane	83	17.069	17.069	0.000	96	204330	4.99	4.89	
68 Tetrachloroethene	166	17.267	17.262	0.005	87	221505	4.99	4.86	
69 2-Hexanone	43	17.481	17.492	-0.011	92	459326	4.99	5.21	
70 Chlorodibromomethane	129	17.808	17.807	0.001	96	331443	4.99	5.06	
71 Ethylene Dibromide	107	18.043	18.043	0.000	98	319640	4.99	4.94	
* 73 Chlorobenzene-d5	117	18.958	18.958	0.000	93	784876	10.0	10.0	
74 Chlorobenzene	112	19.017	19.016	0.001	89	457967	4.99	4.87	
75 Ethylbenzene	91	19.204	19.209	-0.005	100	834173	4.99	5.08	
76 m-Xylene & p-Xylene	106	19.466	19.466	0.000	0	586292	9.99	10.3	
77 n-Nonane	57	19.520	19.519	0.001	95	492996	4.99	5.34	
S 80 Xylenes, Total	106				0		15.0	15.4	
78 o-Xylene	106	20.236	20.236	0.000	97	281050	4.99	5.12	
79 Styrene	104	20.269	20.274	-0.006	98	460516	4.99	5.25	
81 Bromoform	173	20.611	20.611	0.000	90	271136	4.99	5.36	
82 Isopropylbenzene	105	20.916	20.916	0.000	99	857314	4.99	5.18	
83 1,1,2,2-Tetrachloroethane	83	21.424	21.424	0.000	98	538469	4.99	5.00	
84 1,2,3-Trichloropropane	75	21.520	21.525	-0.005	97	435431	4.99	5.07	
85 N-Propylbenzene	91	21.617	21.616	0.001	97	1132629	4.99	5.24	
86 2-Chlorotoluene	91	21.766	21.766	0.000	96	710411	4.99	5.12	
87 4-Ethyltoluene	105	21.809	21.814	-0.005	98	855866	4.99	5.25	
88 1,3,5-Trimethylbenzene	105	21.906	21.905	0.001	91	729568	4.99	5.24	

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	21.932	21.927	0.005	90	639771	4.99	5.36	
90 Alpha Methyl Styrene	118	22.227	22.226	0.001	82	326497	4.99	5.30	
91 tert-Butylbenzene	119	22.382	22.381	0.001	89	650743	4.99	5.15	
92 1,2,4-Trimethylbenzene	105	22.467	22.467	0.000	98	735463	4.99	5.34	
93 sec-Butylbenzene	105	22.703	22.702	0.001	98	1082553	4.99	5.29	
94 1,3-Dichlorobenzene	146	22.874	22.879	-0.005	96	418711	4.99	5.12	
95 4-Isopropyltoluene	119	22.917	22.916	0.001	96	845600	4.99	5.33	
96 1,4-Dichlorobenzene	146	23.013	23.013	0.000	89	413080	4.99	5.13	
97 Benzyl chloride	91	23.163	23.168	-0.005	97	690516	4.99	5.35	
98 n-Butylbenzene	91	23.473	23.478	-0.005	97	941371	4.99	5.52	
99 1,2-Dichlorobenzene	146	23.510	23.510	0.000	90	409451	4.99	5.16	
100 Undecane	57	23.617	23.617	0.000	96	650693	4.99	5.31	
101 Dodecane	57	25.217	25.217	0.000	94	564685	4.99	5.23	
102 1,2,4-Trichlorobenzene	180	25.977	25.982	-0.005	93	256351	4.99	4.82	
103 Hexachlorobutadiene	225	26.223	26.223	0.000	92	215735	4.99	4.96	
104 Naphthalene	128	26.464	26.469	-0.005	98	714941	4.99	5.41	
105 1,2,3-Trichlorobenzene	180	26.881	26.881	0.000	94	239166	4.99	4.87	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL3w_00277

Amount Added: 200.00

Units: mL

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 16-Apr-2024 14:13:52

Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_007.D

Injection Date: 15-Apr-2024 18:32:00

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: IC

Worklist Smp#: 7

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

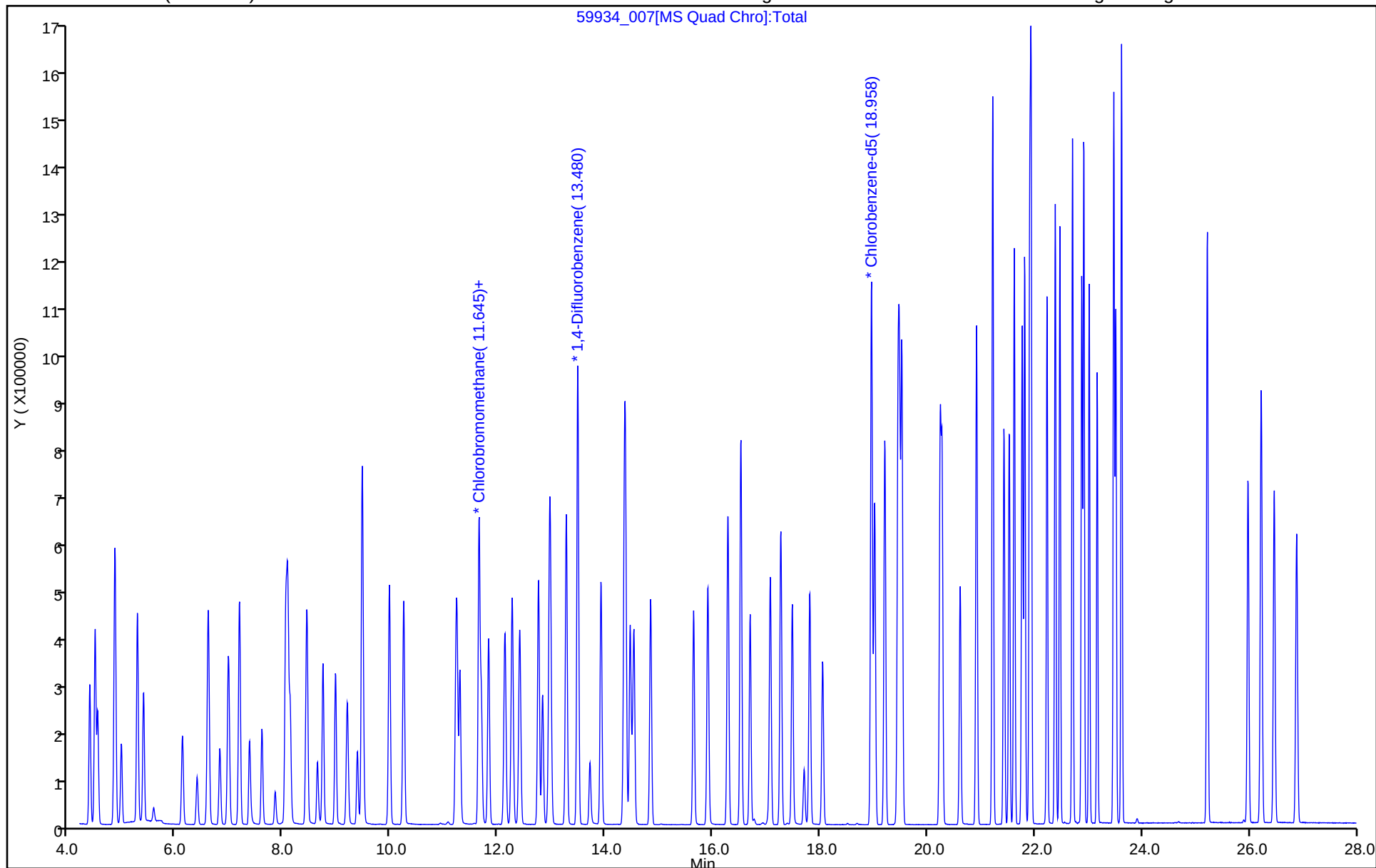
ALS Bottle#: 0

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\20240415-59934.b\59934_009.D
 Lims ID: ICIS
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 15-Apr-2024 20:17:18 ALS Bottle#: 0 Worklist Smp#: 9
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0059934-009
 Misc. Info.: ICIS
 Operator ID: wrd Instrument ID: CHAN.i
 Sublist: chrom-TO15_TO3_Master_Method_AN*sub1
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 16-Apr-2024 14:13:33 Calib Date: 16-Apr-2024 00:40:13
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_014.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1669

First Level Reviewer: BKZ7

Date: 16-Apr-2024 14:13:33

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	4.385	4.385	0.000	98	435180	10.0	9.45	
2 Dichlorodifluoromethane	85	4.487	4.487	0.000	99	1035789	10.0	9.24	
3 Chlorodifluoromethane	51	4.530	4.530	0.000	97	765758	10.0	9.16	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.851	4.851	0.000	98	1057066	10.0	9.05	
5 Chloromethane	50	4.974	4.974	0.000	99	467137	10.0	9.11	
7 Butane	43	5.273	5.273	0.000	98	652623	10.0	9.27	
6 Vinyl chloride	62	5.273	5.273	0.000	78	373296	10.0	8.83	
8 Butadiene	54	5.391	5.391	0.000	97	284943	10.0	8.26	
9 Bromomethane	94	6.113	6.113	0.000	98	333091	10.0	9.03	
10 Chloroethane	64	6.386	6.386	0.000	100	237458	10.0	9.22	
12 2-Methylbutane	43	6.595	6.595	0.000	95	585463	10.0	9.07	
13 Vinyl bromide	106	6.809	6.809	0.000	98	292567	10.0	9.13	
14 Trichlorofluoromethane	101	6.969	6.969	0.000	98	841002	10.0	9.11	
15 Pentane	43	7.178	7.178	0.000	96	854529	10.0	9.35	
16 Ethanol	45	7.360	7.360	0.000	98	334180	15.0	13.0	
18 Ethyl ether	59	7.590	7.590	0.000	97	289928	10.0	9.30	
19 Acrolein	56	7.841	7.841	0.000	97	143650	10.0	9.13	
20 1,1-Dichloroethene	96	8.034	8.034	0.000	92	330736	10.0	8.65	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.071	8.071	0.000	90	692633	10.0	9.10	
22 Acetone	43	8.119	8.119	0.000	99	690514	10.0	9.88	
23 Isopropyl alcohol	45	8.414	8.414	0.000	100	694243	10.0	10.2	
24 Carbon disulfide	76	8.435	8.435	0.000	100	1071947	10.0	9.33	
25 Acetonitrile	41	8.628	8.628	0.000	99	320746	10.0	9.78	
26 3-Chloro-1-propene	41	8.735	8.735	0.000	95	522108	10.0	8.81	
27 Methylene Chloride	49	8.965	8.965	0.000	98	486395	10.0	9.25	
28 2-Methyl-2-propanol	59	9.179	9.179	0.000	98	790575	10.0	9.95	
29 Acrylonitrile	53	9.371	9.371	0.000	94	281252	10.0	9.40	
30 trans-1,2-Dichloroethene	61	9.462	9.462	0.000	92	571270	10.0	9.17	
31 Methyl tert-butyl ether	73	9.468	9.468	0.000	98	999613	10.0	9.44	
32 Hexane	57	9.970	9.970	0.000	93	599623	10.0	9.41	

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				0		20.0	17.9	
33 1,1-Dichloroethane	63	10.233	10.233	0.000	99	700006	10.0	9.04	
34 Vinyl acetate	43	10.238	10.238	0.000	100	748258	7.90	7.53	
36 2-Butanone (MEK)	72	11.206	11.206	0.000	100	181951	10.0	9.61	
37 cis-1,2-Dichloroethene	96	11.233	11.233	0.000	97	345701	10.0	8.76	
38 Ethyl acetate	88	11.281	11.281	0.000	99	30470	10.0	9.49	
* 39 Chlorobromomethane	128	11.645	11.645	0.000	95	182076	10.0	10.0	
40 Tetrahydrofuran	42	11.677	11.677	0.000	95	457745	10.0	9.77	
41 Chloroform	83	11.821	11.821	0.000	97	750264	10.0	9.12	
42 1,1,1-Trichloroethane	97	12.126	12.126	0.000	97	704368	10.0	9.13	
43 Cyclohexane	84	12.260	12.260	0.000	95	452428	10.0	9.40	
44 Carbon tetrachloride	117	12.399	12.399	0.000	95	667740	10.0	9.29	
45 Benzene	78	12.752	12.752	0.000	98	1114157	10.0	9.19	
46 1,2-Dichloroethane	62	12.827	12.827	0.000	93	540004	10.0	9.20	
47 Isooctane	57	12.966	12.966	0.000	98	1954164	10.0	9.47	
48 n-Heptane	43	13.266	13.266	0.000	96	777606	10.0	9.46	
* 49 1,4-Difluorobenzene	114	13.480	13.480	0.000	97	939580	10.0	10.0	
50 n-Butanol	56	13.710	13.710	0.000	92	209518	7.00	7.30	
51 Trichloroethene	95	13.913	13.913	0.000	90	468360	10.0	9.27	
53 1,2-Dichloropropane	63	14.373	14.373	0.000	90	467926	10.0	9.29	
54 Methyl methacrylate	69	14.459	14.459	0.000	92	414273	10.0	9.78	
55 1,4-Dioxane	88	14.496	14.496	0.000	98	233611	10.0	10.8	
57 Dibromomethane	174	14.528	14.528	0.000	86	300838	10.0	9.04	
58 Dichlorobromomethane	83	14.839	14.839	0.000	97	801984	10.0	9.35	
59 cis-1,3-Dichloropropene	75	15.641	15.641	0.000	97	673469	10.0	9.57	
61 4-Methyl-2-pentanone (MIBK)	43	15.903	15.903	0.000	97	1029238	10.0	9.92	
62 Toluene	92	16.278	16.278	0.000	93	738091	10.0	9.44	
A 63 Toluene Range	1	16.286	(16.214-16.358)	0	3208322	NC	NC		
64 n-Octane	43	16.524	16.524	0.000	95	1071119	10.0	9.70	
A 65 C8 Range	1	16.513	(16.433-16.593)	0	3865718	NC	NC		
66 trans-1,3-Dichloropropene	75	16.695	16.695	0.000	97	628391	10.0	9.57	
67 1,1,2-Trichloroethane	83	17.070	17.070	0.000	96	405782	10.0	9.13	
68 Tetrachloroethene	166	17.267	17.267	0.000	88	447072	10.0	9.22	
69 2-Hexanone	43	17.476	17.476	0.000	92	963425	10.0	10.3	
70 Chlorodibromomethane	129	17.808	17.808	0.000	96	664881	10.0	9.54	
71 Ethylene Dibromide	107	18.049	18.049	0.000	98	647626	10.0	9.41	
* 73 Chlorobenzene-d5	117	18.958	18.958	0.000	92	835128	10.0	10.0	
74 Chlorobenzene	112	19.017	19.017	0.000	89	923344	10.0	9.22	
75 Ethylbenzene	91	19.204	19.204	0.000	100	1668760	10.0	9.55	
76 m-Xylene & p-Xylene	106	19.466	19.466	0.000	0	1177381	20.0	19.4	
77 n-Nonane	57	19.520	19.520	0.000	94	948510	10.0	9.65	
S 80 Xylenes, Total	106				0		30.0	29.1	
78 o-Xylene	106	20.237	20.237	0.000	97	568808	10.0	9.74	
79 Styrene	104	20.274	20.274	0.000	98	939627	10.0	10.1	
81 Bromoform	173	20.611	20.611	0.000	90	537061	10.0	9.97	
82 Isopropylbenzene	105	20.916	20.916	0.000	99	1723655	10.0	9.78	
83 1,1,2,2-Tetrachloroethane	83	21.424	21.424	0.000	98	1069903	10.0	9.34	
84 1,2,3-Trichloropropane	75	21.526	21.526	0.000	99	871374	10.0	9.54	
85 N-Propylbenzene	91	21.617	21.617	0.000	98	2261035	10.0	9.83	
86 2-Chlorotoluene	91	21.767	21.767	0.000	96	1422606	10.0	9.63	
87 4-Ethyltoluene	105	21.809	21.809	0.000	98	1712896	10.0	9.87	
88 1,3,5-Trimethylbenzene	105	21.906	21.906	0.000	91	1448348	10.0	9.78	

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	21.932	21.932	0.000	90	1225203	10.0	9.65	
90 Alpha Methyl Styrene	118	22.227	22.227	0.000	83	680621	10.0	10.4	
91 tert-Butylbenzene	119	22.382	22.382	0.000	89	1305159	10.0	9.71	
92 1,2,4-Trimethylbenzene	105	22.467	22.467	0.000	98	1472159	10.0	10.0	
93 sec-Butylbenzene	105	22.703	22.703	0.000	98	2141022	10.0	9.84	
94 1,3-Dichlorobenzene	146	22.874	22.874	0.000	97	862982	10.0	9.92	
95 4-Isopropyltoluene	119	22.912	22.912	0.000	96	1703405	10.0	10.1	
96 1,4-Dichlorobenzene	146	23.013	23.013	0.000	89	855320	10.0	9.97	
97 Benzyl chloride	91	23.163	23.163	0.000	97	1374017	10.0	10.0	
98 n-Butylbenzene	91	23.473	23.473	0.000	97	1887347	10.0	10.4	
99 1,2-Dichlorobenzene	146	23.511	23.511	0.000	91	836610	10.0	9.91	
100 Undecane	57	23.618	23.618	0.000	96	1280694	10.0	9.83	
101 Dodecane	57	25.212	25.212	0.000	96	1116155	10.0	9.71	
102 1,2,4-Trichlorobenzene	180	25.977	25.977	0.000	91	575201	10.0	10.2	
103 Hexachlorobutadiene	225	26.223	26.223	0.000	90	450453	10.0	9.74	
104 Naphthalene	128	26.464	26.464	0.000	98	1605594	10.0	11.4	
105 1,2,3-Trichlorobenzene	180	26.881	26.881	0.000	93	531911	10.0	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_00825

Amount Added: 200.00

Units: mL

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 16-Apr-2024 14:13:34

Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_009.D

Injection Date: 15-Apr-2024 20:17:18

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: ICIS

Worklist Smp#: 9

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

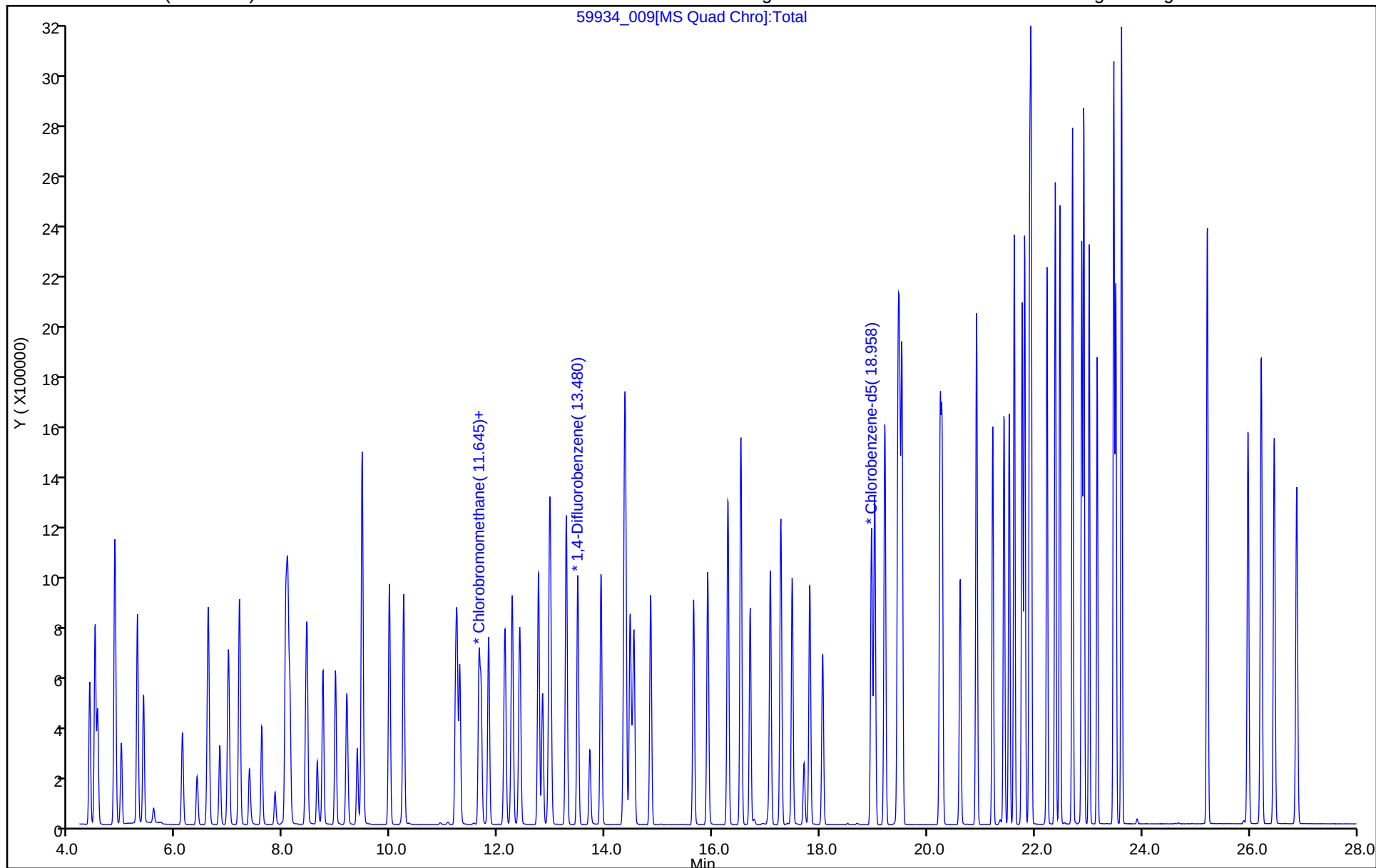
ALS Bottle#: 0

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\20240415-59934.b\59934_010.D
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 15-Apr-2024 21:10:01 ALS Bottle#: 0 Worklist Smp#: 10
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0059934-010
 Misc. Info.: IC 6
 Operator ID: wrd Instrument ID: CHAN.i
 Sublist: chrom-TO15_TO3_Master_Method_AN*sub1
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 16-Apr-2024 14:13:56 Calib Date: 16-Apr-2024 00:40:13
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_014.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1669

First Level Reviewer: BKZ7

Date: 16-Apr-2024 06:29:14

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	4.385	4.390	-0.005	97	719605	15.0	15.4	
2 Dichlorodifluoromethane	85	4.487	4.486	0.001	100	1720337	15.0	15.1	
3 Chlorodifluoromethane	51	4.529	4.535	-0.006	97	1267843	15.0	15.0	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.850	4.856	-0.006	98	1751284	15.0	14.8	
5 Chloromethane	50	4.973	4.973	0.000	99	773632	15.0	14.9	
7 Butane	43	5.273	5.273	0.000	98	1054385	15.0	14.8	
6 Vinyl chloride	62	5.273	5.278	-0.005	69	612060	15.0	14.3	
8 Butadiene	54	5.391	5.385	0.006	98	467518	15.0	13.4	
9 Bromomethane	94	6.113	6.113	0.000	99	551553	15.0	14.8	
10 Chloroethane	64	6.386	6.386	0.000	100	396576	15.0	15.2	
12 2-Methylbutane	43	6.594	6.594	0.000	94	967932	15.0	14.8	
13 Vinyl bromide	106	6.808	6.808	0.000	99	492385	15.0	15.2	
14 Trichlorofluoromethane	101	6.969	6.969	0.000	98	1387559	15.0	14.8	
15 Pentane	43	7.178	7.172	0.006	96	1411571	15.0	15.2	
16 Ethanol	45	7.359	7.381	-0.022	98	552276	20.0	21.2	
18 Ethyl ether	59	7.590	7.611	-0.021	97	482792	15.0	15.3	
19 Acrolein	56	7.836	7.851	-0.015	97	253402	15.0	15.9	
20 1,1-Dichloroethene	96	8.039	8.039	0.000	92	555082	15.0	14.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.071	8.076	-0.005	92	1148457	15.0	14.9	
22 Acetone	43	8.114	8.146	-0.032	99	1088887	15.0	15.4	
23 Isopropyl alcohol	45	8.408	8.435	-0.027	100	1070088	15.0	15.5	
24 Carbon disulfide	76	8.435	8.435	0.000	100	1771675	15.0	15.2	
25 Acetonitrile	41	8.627	8.638	-0.011	99	511477	15.0	15.4	
26 3-Chloro-1-propene	41	8.734	8.739	-0.005	95	911551	15.0	15.2	
27 Methylene Chloride	49	8.964	8.964	0.000	99	794051	15.0	14.9	
28 2-Methyl-2-propanol	59	9.173	9.200	-0.027	99	1257883	15.0	15.6	
29 Acrylonitrile	53	9.371	9.381	-0.010	94	465948	15.0	15.4	
30 trans-1,2-Dichloroethene	61	9.462	9.462	0.000	80	933974	15.0	14.8	
31 Methyl tert-butyl ether	73	9.462	9.488	-0.026	97	1649565	15.0	15.4	
32 Hexane	57	9.970	9.975	-0.005	93	985155	15.0	15.3	

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				0		30.0	29.1	
33 1,1-Dichloroethane	63	10.232	10.232	0.000	99	1143027	15.0	14.6	
34 Vinyl acetate	43	10.238	10.253	-0.015	100	1256240	11.9	12.5	
36 2-Butanone (MEK)	72	11.201	11.222	-0.021	100	297471	15.0	15.5	
37 cis-1,2-Dichloroethene	96	11.233	11.232	0.001	99	572280	15.0	14.3	
38 Ethyl acetate	88	11.281	11.302	-0.021	99	50712	15.0	15.6	
* 39 Chlorobromomethane	128	11.645	11.644	0.001	95	184529	10.0	10.0	
40 Tetrahydrofuran	42	11.677	11.698	-0.021	94	738185	15.0	15.5	
41 Chloroform	83	11.821	11.816	0.005	97	1242535	15.0	14.9	
42 1,1,1-Trichloroethane	97	12.126	12.126	0.000	97	1171241	15.0	14.9	
43 Cyclohexane	84	12.260	12.260	0.000	96	751340	15.0	15.4	
44 Carbon tetrachloride	117	12.399	12.404	-0.005	95	1108874	15.0	15.2	
45 Benzene	78	12.752	12.752	0.000	98	1841443	15.0	15.0	
46 1,2-Dichloroethane	62	12.827	12.832	-0.005	93	882391	15.0	14.8	
47 Isooctane	57	12.961	12.966	-0.005	98	3209371	15.0	15.3	
48 n-Heptane	43	13.266	13.265	0.001	96	1268288	15.0	15.2	
* 49 1,4-Difluorobenzene	114	13.485	13.479	0.006	97	954348	10.0	10.0	
50 n-Butanol	56	13.704	13.720	-0.016	92	311332	10.5	10.7	
51 Trichloroethene	95	13.913	13.913	0.000	90	772821	15.0	15.1	
53 1,2-Dichloropropane	63	14.373	14.378	-0.005	91	764735	15.0	14.9	
54 Methyl methacrylate	69	14.453	14.464	-0.011	92	679614	15.0	15.8	
55 1,4-Dioxane	88	14.496	14.517	-0.021	99	335480	15.0	15.3	
57 Dibromomethane	174	14.528	14.533	-0.005	87	502339	15.0	14.9	
58 Dichlorobromomethane	83	14.838	14.838	0.000	98	1335366	15.0	15.3	
59 cis-1,3-Dichloropropene	75	15.641	15.641	0.000	97	1126249	15.0	15.8	
61 4-Methyl-2-pentanone (MIBK)	43	15.903	15.919	-0.016	97	1654365	15.0	15.7	
62 Toluene	92	16.283	16.283	0.000	93	1222886	15.0	15.5	
A 63 Toluene Range	1	16.286	(16.229-16.336)	0	5276478	NC	NC		
64 n-Octane	43	16.524	16.523	0.001	95	1742191	15.0	15.5	
A 65 C8 Range	1	16.513	(16.465-16.582)	0	6319917	NC	NC		
66 trans-1,3-Dichloropropene	75	16.695	16.689	0.006	98	1048580	15.0	15.7	
67 1,1,2-Trichloroethane	83	17.069	17.069	0.000	96	667959	15.0	14.9	
68 Tetrachloroethene	166	17.267	17.262	0.005	91	748313	15.0	15.3	
69 2-Hexanone	43	17.476	17.492	-0.016	92	1508932	15.0	15.9	
70 Chlorodibromomethane	129	17.808	17.807	0.001	96	1118316	15.0	15.9	
71 Ethylene Dibromide	107	18.048	18.043	0.005	98	1075813	15.0	15.5	
* 73 Chlorobenzene-d5	117	18.958	18.958	0.000	91	844359	10.0	10.0	
74 Chlorobenzene	112	19.017	19.016	0.001	89	1516009	15.0	15.0	
75 Ethylbenzene	91	19.204	19.209	-0.005	100	2744750	15.0	15.5	
76 m-Xylene & p-Xylene	106	19.466	19.466	0.000	0	1927198	30.0	31.4	
77 n-Nonane	57	19.520	19.519	0.001	94	1542113	15.0	15.5	
S 80 Xylenes, Total	106				0		45.0	47.3	
78 o-Xylene	106	20.236	20.236	0.000	97	937956	15.0	15.9	
79 Styrene	104	20.274	20.274	0.000	98	1551268	15.0	16.4	
81 Bromoform	173	20.611	20.611	0.000	91	916026	15.0	16.8	
82 Isopropylbenzene	105	20.916	20.916	0.000	98	2845542	15.0	16.0	
83 1,1,2,2-Tetrachloroethane	83	21.424	21.424	0.000	98	1751802	15.0	15.1	
84 1,2,3-Trichloropropane	75	21.526	21.525	0.001	98	1403679	15.0	15.2	
85 N-Propylbenzene	91	21.617	21.616	0.001	98	3658453	15.0	15.7	
86 2-Chlorotoluene	91	21.766	21.766	0.000	96	2305918	15.0	15.4	
87 4-Ethyltoluene	105	21.815	21.814	0.001	98	2782992	15.0	15.9	
88 1,3,5-Trimethylbenzene	105	21.906	21.905	0.001	91	2363926	15.0	15.8	

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	21.932	21.927	0.005	91	1980503	15.0	15.4	
90 Alpha Methyl Styrene	118	22.227	22.226	0.000	83	1130759	15.0	17.1	
91 tert-Butylbenzene	119	22.382	22.381	0.001	90	2130694	15.0	15.7	
92 1,2,4-Trimethylbenzene	105	22.467	22.467	0.000	99	2372103	15.0	16.0	
93 sec-Butylbenzene	105	22.703	22.702	0.001	98	3483082	15.0	15.8	
94 1,3-Dichlorobenzene	146	22.879	22.879	0.000	97	1383592	15.0	15.7	
95 4-Isopropyltoluene	119	22.917	22.916	0.001	96	2762524	15.0	16.2	
96 1,4-Dichlorobenzene	146	23.018	23.013	0.005	89	1372371	15.0	15.8	
97 Benzyl chloride	91	23.163	23.168	-0.005	97	2312117	15.0	16.7	
98 n-Butylbenzene	91	23.473	23.478	-0.005	98	3027195	15.0	16.5	
99 1,2-Dichlorobenzene	146	23.510	23.510	0.000	91	1335522	15.0	15.7	
100 Undecane	57	23.617	23.617	0.000	96	2082214	15.0	15.8	
101 Dodecane	57	25.217	25.217	0.000	95	1838875	15.0	15.8	
102 1,2,4-Trichlorobenzene	180	25.977	25.982	-0.005	91	924265	15.0	16.2	
103 Hexachlorobutadiene	225	26.223	26.223	0.000	93	735295	15.0	15.7	
104 Naphthalene	128	26.464	26.469	-0.005	98	2485526	15.0	17.5	
105 1,2,3-Trichlorobenzene	180	26.881	26.881	0.000	93	845086	15.0	16.0	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL5w_00145

Amount Added: 200.00

Units: mL

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 16-Apr-2024 14:13:57

Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_010.D

Injection Date: 15-Apr-2024 21:10:01

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: IC

Worklist Smp#: 10

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

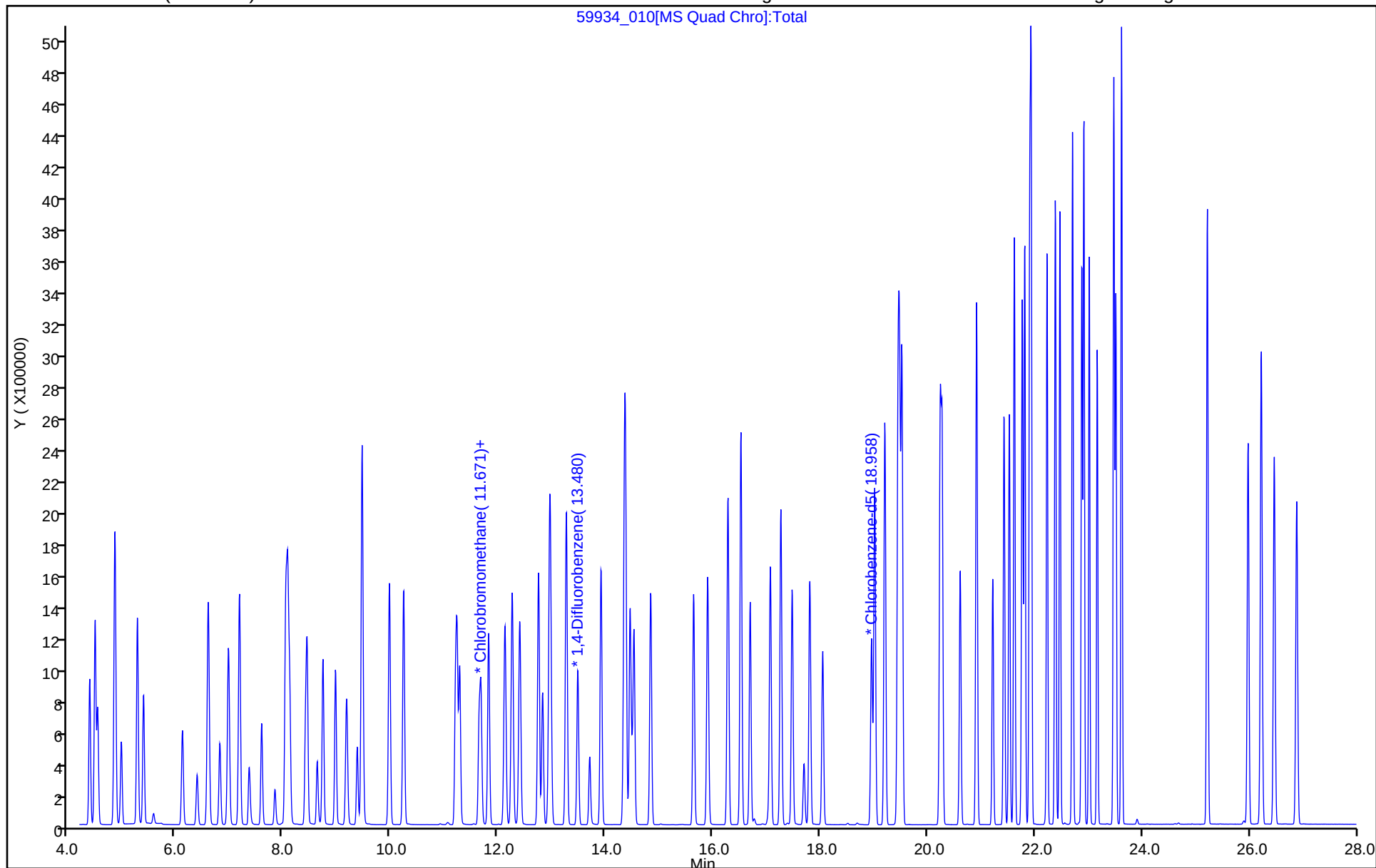
ALS Bottle#: 0

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
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_013.D
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 15-Apr-2024 23:47:51 ALS Bottle#: 0 Worklist Smp#: 13
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0059934-013
 Misc. Info.: IC 7
 Operator ID: wrd Instrument ID: CHAN.i
 Sublist: chrom-TO15_TO3_Master_Method_AN*sub1
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 16-Apr-2024 14:14:01 Calib Date: 16-Apr-2024 00:40:13
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_014.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1669

First Level Reviewer: BKZ7

Date: 16-Apr-2024 06:29:45

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	4.385	4.390	-0.005	97	979675	20.0	20.4	
2 Dichlorodifluoromethane	85	4.487	4.486	0.001	99	2312027	20.0	19.8	
3 Chlorodifluoromethane	51	4.529	4.535	-0.006	97	1711938	20.0	19.7	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.850	4.856	-0.006	98	2368017	20.0	19.5	
5 Chloromethane	50	4.973	4.973	0.000	99	1049157	20.0	19.7	
7 Butane	43	5.273	5.273	0.000	98	1397316	20.0	19.1	
6 Vinyl chloride	62	5.273	5.278	-0.005	69	816634	20.0	18.6	
8 Butadiene	54	5.385	5.385	0.000	98	623147	20.0	17.4	
9 Bromomethane	94	6.113	6.113	0.000	98	748991	20.0	19.5	
10 Chloroethane	64	6.386	6.386	0.000	100	532002	20.0	19.9	
12 2-Methylbutane	43	6.594	6.594	0.000	96	1284319	20.0	19.1	
13 Vinyl bromide	106	6.808	6.808	0.000	98	661971	20.0	19.9	
14 Trichlorofluoromethane	101	6.969	6.969	0.000	98	1844764	20.0	19.2	
15 Pentane	43	7.178	7.172	0.006	96	1856177	20.0	19.5	
16 Ethanol	45	7.354	7.381	-0.027	98	1079159	40.0	40.3	
18 Ethyl ether	59	7.589	7.611	-0.022	97	640186	20.0	19.8	
19 Acrolein	56	7.836	7.851	-0.015	96	327308	20.0	20.0	
20 1,1-Dichloroethene	96	8.033	8.039	-0.006	92	741216	20.0	18.6	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	8.071	8.076	-0.005	90	1530916	20.0	19.3	
22 Acetone	43	8.114	8.146	-0.032	98	1435580	20.0	19.7	
23 Isopropyl alcohol	45	8.408	8.435	-0.027	100	1372189	20.0	19.4	
24 Carbon disulfide	76	8.435	8.435	0.000	100	2342848	20.0	19.6	
25 Acetonitrile	41	8.622	8.638	-0.016	99	665409	20.0	19.5	
26 3-Chloro-1-propene	41	8.734	8.739	-0.005	96	1183516	20.0	19.2	
27 Methylene Chloride	49	8.964	8.964	0.000	99	1029844	20.0	18.8	
28 2-Methyl-2-propanol	59	9.173	9.200	-0.027	99	1624054	20.0	19.6	
29 Acrylonitrile	53	9.371	9.381	-0.010	94	610624	20.0	19.6	
30 trans-1,2-Dichloroethene	61	9.462	9.462	0.000	82	1225643	20.0	18.9	
31 Methyl tert-butyl ether	73	9.462	9.488	-0.026	97	2172831	20.0	19.7	
32 Hexane	57	9.970	9.975	-0.005	93	1282240	20.0	19.4	

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				0		40.0	37.3	
33 1,1-Dichloroethane	63	10.232	10.232	0.000	99	1492425	20.0	18.5	
34 Vinyl acetate	43	10.238	10.253	-0.015	100	1629780	15.8	15.8	
36 2-Butanone (MEK)	72	11.201	11.222	-0.021	100	391803	20.0	19.9	
37 cis-1,2-Dichloroethene	96	11.233	11.232	0.001	96	756936	20.0	18.4	
38 Ethyl acetate	88	11.281	11.302	-0.021	99	67030	20.0	20.1	
* 39 Chlorobromomethane	128	11.645	11.644	0.001	95	189403	10.0	10.0	
40 Tetrahydrofuran	42	11.671	11.698	-0.027	94	948241	20.0	19.5	
41 Chloroform	83	11.821	11.816	0.005	97	1620697	20.0	18.9	
42 1,1,1-Trichloroethane	97	12.126	12.126	0.000	97	1532899	20.0	19.1	
43 Cyclohexane	84	12.260	12.260	0.000	97	995052	20.0	19.9	
44 Carbon tetrachloride	117	12.399	12.404	-0.005	95	1466965	20.0	19.6	
45 Benzene	78	12.752	12.752	0.000	98	2412051	20.0	19.1	
46 1,2-Dichloroethane	62	12.827	12.832	-0.005	93	1151821	20.0	18.9	
47 Isooctane	57	12.961	12.966	-0.005	98	4134337	20.0	19.3	
48 n-Heptane	43	13.271	13.265	0.006	96	1624455	20.0	19.0	
* 49 1,4-Difluorobenzene	114	13.480	13.479	0.001	97	977679	10.0	10.0	
50 n-Butanol	56	13.704	13.720	-0.016	92	404165	14.0	13.5	
51 Trichloroethene	95	13.913	13.913	0.000	91	1020870	20.0	19.4	
53 1,2-Dichloropropane	63	14.373	14.378	-0.005	90	986517	20.0	18.8	
54 Methyl methacrylate	69	14.459	14.464	-0.005	92	893668	20.0	20.3	
55 1,4-Dioxane	88	14.491	14.517	-0.026	98	430448	20.0	19.2	
57 Dibromomethane	174	14.528	14.533	-0.005	87	669044	20.0	19.3	
58 Dichlorobromomethane	83	14.838	14.838	0.000	98	1735490	20.0	19.5	
59 cis-1,3-Dichloropropene	75	15.641	15.641	0.000	97	1484734	20.0	20.3	
61 4-Methyl-2-pentanone (MIBK)	43	15.903	15.919	-0.016	98	2127473	20.0	19.7	
62 Toluene	92	16.277	16.283	-0.006	93	1604087	20.0	19.7	
A 63 Toluene Range	1	16.286	(16.229-16.336)	0	6884676	NC	NC		
64 n-Octane	43	16.524	16.523	0.001	94	2214697	20.0	19.3	
A 65 C8 Range	1	16.513	(16.465-16.582)	0	8149280	NC	NC		
66 trans-1,3-Dichloropropene	75	16.695	16.689	0.006	98	1378819	20.0	20.2	
67 1,1,2-Trichloroethane	83	17.069	17.069	0.000	97	875475	20.0	18.9	
68 Tetrachloroethene	166	17.267	17.262	0.005	88	998935	20.0	19.8	
69 2-Hexanone	43	17.476	17.492	-0.016	93	1950374	20.0	20.0	
70 Chlorodibromomethane	129	17.808	17.807	0.001	96	1448561	20.0	19.9	
71 Ethylene Dibromide	107	18.048	18.043	0.005	98	1419249	20.0	19.8	
* 73 Chlorobenzene-d5	117	18.958	18.958	0.000	91	870104	10.0	10.0	
74 Chlorobenzene	112	19.017	19.016	0.001	89	2006816	20.0	19.2	
75 Ethylbenzene	91	19.204	19.209	-0.005	100	3577634	20.0	19.6	
76 m-Xylene & p-Xylene	106	19.471	19.466	0.005	0	2514004	40.0	39.8	
77 n-Nonane	57	19.525	19.519	0.006	92	1979736	20.0	19.3	
S 80 Xylenes, Total	106				0		60.0	60.1	
78 o-Xylene	106	20.236	20.236	0.000	97	1237941	20.0	20.3	
79 Styrene	104	20.274	20.274	0.000	98	2041865	20.0	21.0	
81 Bromoform	173	20.611	20.611	0.000	91	1133261	20.0	20.2	
82 Isopropylbenzene	105	20.916	20.916	0.000	98	3723159	20.0	20.3	
83 1,1,2,2-Tetrachloroethane	83	21.429	21.424	0.005	98	2274366	20.0	19.1	
84 1,2,3-Trichloropropane	75	21.526	21.525	0.001	98	1822409	20.0	19.2	
85 N-Propylbenzene	91	21.622	21.616	0.006	98	4744970	20.0	19.8	
86 2-Chlorotoluene	91	21.766	21.766	0.000	96	3018142	20.0	19.6	
87 4-Ethyltoluene	105	21.815	21.814	0.000	99	3642823	20.0	20.1	
88 1,3,5-Trimethylbenzene	105	21.905	21.905	0.000	91	3089696	20.0	20.0	

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	21.932	21.927	0.005	91	2517035	20.0	19.0	
90 Alpha Methyl Styrene	118	22.232	22.226	0.006	83	1503021	20.0	22.0	
91 tert-Butylbenzene	119	22.382	22.381	0.001	89	2786783	20.0	19.9	
92 1,2,4-Trimethylbenzene	105	22.467	22.467	0.000	99	3117174	20.0	20.4	
93 sec-Butylbenzene	105	22.703	22.702	0.001	98	4521832	20.0	19.9	
94 1,3-Dichlorobenzene	146	22.879	22.879	0.000	97	1829968	20.0	20.2	
95 4-Isopropyltoluene	119	22.917	22.916	0.001	96	3600038	20.0	20.5	
96 1,4-Dichlorobenzene	146	23.018	23.013	0.005	89	1813263	20.0	20.3	
97 Benzyl chloride	91	23.163	23.168	-0.005	97	2969947	20.0	20.8	
98 n-Butylbenzene	91	23.473	23.478	-0.005	98	3917678	20.0	20.7	
99 1,2-Dichlorobenzene	146	23.510	23.510	0.000	91	1758551	20.0	20.0	
100 Undecane	57	23.617	23.617	0.000	96	2647754	20.0	19.5	
101 Dodecane	57	25.217	25.217	0.000	95	2312350	20.0	19.3	
102 1,2,4-Trichlorobenzene	180	25.977	25.982	-0.005	92	1248493	20.0	21.2	
103 Hexachlorobutadiene	225	26.223	26.223	0.000	96	970116	20.0	20.1	
104 Naphthalene	128	26.463	26.469	-0.006	98	3393484	20.0	23.1	
105 1,2,3-Trichlorobenzene	180	26.881	26.881	0.000	94	1131247	20.0	20.8	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL6w_00234

Amount Added: 200.00

Units: mL

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 16-Apr-2024 14:14:01

Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_013.D

Injection Date: 15-Apr-2024 23:47:51

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: IC

Worklist Smp#: 13

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

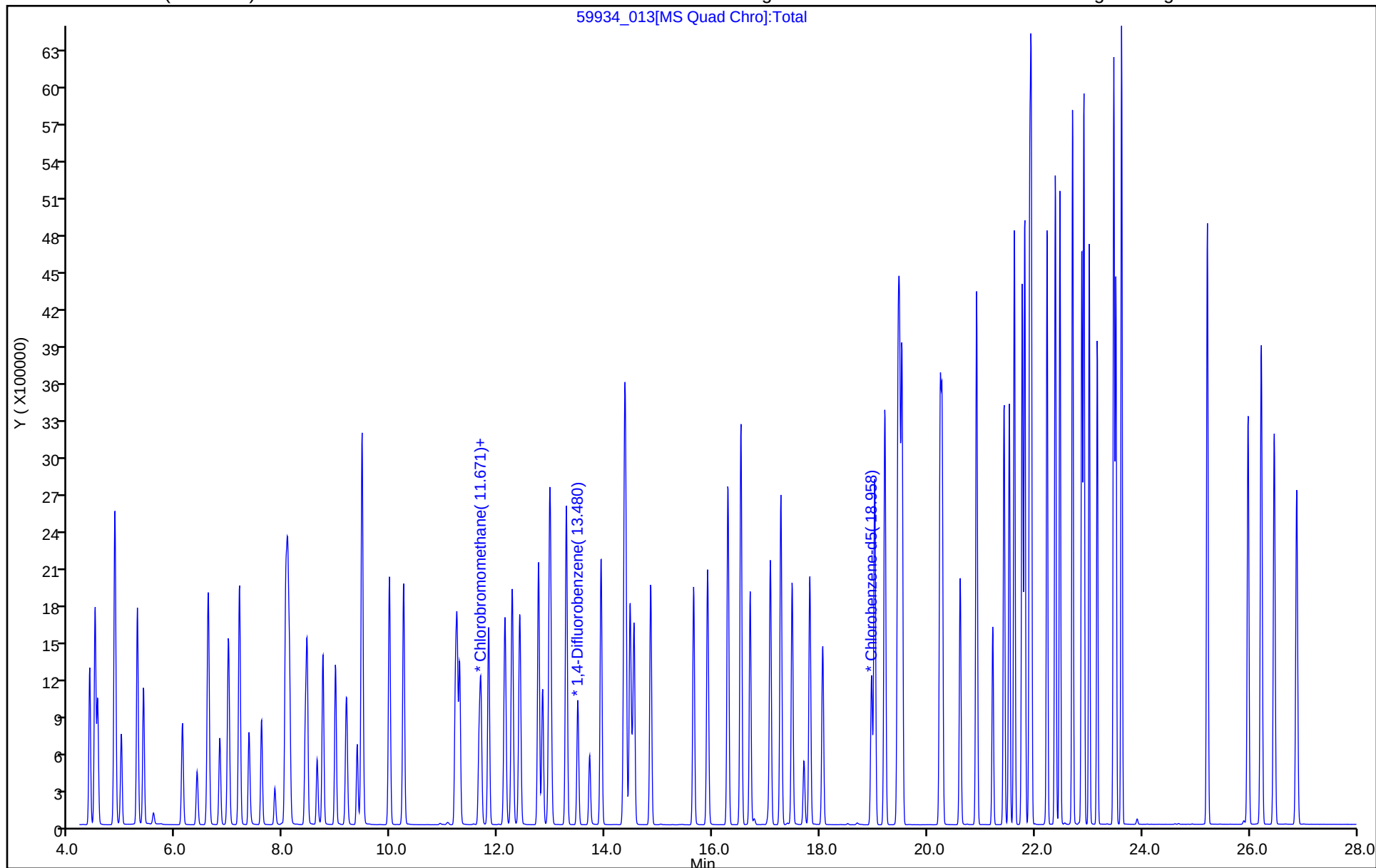
ALS Bottle#: 0

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



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_014.D
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 16-Apr-2024 00:40:13 ALS Bottle#: 0 Worklist Smp#: 14
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0059934-014
 Misc. Info.: IC 8
 Operator ID: wrd Instrument ID: CHAN.i
 Sublist: chrom-TO15_TO3_Master_Method_AN*sub1
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 16-Apr-2024 14:14:06 Calib Date: 16-Apr-2024 00:40:13
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_014.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1669

First Level Reviewer: BKZ7

Date: 16-Apr-2024 06:30:12

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	4.385	4.390	-0.005	98	1915899	40.0	39.3	
2 Dichlorodifluoromethane	85	4.486	4.486	0.000	99	4535990	40.0	38.3	
3 Chlorodifluoromethane	51	4.535	4.535	-0.001	98	3353043	40.0	37.9	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.855	4.856	-0.001	99	4681650	40.0	37.9	
5 Chloromethane	50	4.973	4.973	0.000	99	2051600	40.0	37.9	
7 Butane	43	5.273	5.273	0.000	97	2666580	40.0	35.8	
6 Vinyl chloride	62	5.273	5.278	-0.005	71	1590616	40.0	35.6	
8 Butadiene	54	5.390	5.385	0.005	97	1212767	40.0	33.2	
9 Bromomethane	94	6.113	6.113	0.000	99	1514288	40.0	38.8	
10 Chloroethane	64	6.386	6.386	0.000	100	1069281	40.0	39.3	
12 2-Methylbutane	43	6.594	6.594	0.000	94	2526654	40.0	37.0	
13 Vinyl bromide	106	6.808	6.808	0.000	98	1359002	40.0	40.1	
14 Trichlorofluoromethane	101	6.969	6.969	0.000	98	3682784	40.0	37.7	
15 Pentane	43	7.177	7.172	0.005	96	3615538	40.0	37.4	
16 Ethanol	45	7.354	7.381	-0.027	98	2576497	100.0	94.7	
18 Ethyl ether	59	7.584	7.611	-0.027	97	1273372	40.0	38.6	
19 Acrolein	56	7.835	7.851	-0.016	96	667045	40.0	40.1	
20 1,1-Dichloroethene	96	8.039	8.039	0.000	96	1483502	40.0	36.7	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	8.076	8.076	0.000	91	3038558	40.0	37.8	
22 Acetone	43	8.108	8.146	-0.038	98	2776896	40.0	37.6	
23 Isopropyl alcohol	45	8.402	8.435	-0.033	100	2739044	40.0	38.0	
24 Carbon disulfide	76	8.440	8.435	0.005	100	4622431	40.0	38.1	
25 Acetonitrile	41	8.622	8.638	-0.016	98	1326665	40.0	38.3	
26 3-Chloro-1-propene	41	8.734	8.739	-0.005	96	2337054	40.0	37.3	
27 Methylene Chloride	49	8.964	8.964	0.000	99	2041489	40.0	36.7	
28 2-Methyl-2-propanol	59	9.167	9.200	-0.033	99	3294116	40.0	39.2	
29 Acrylonitrile	53	9.371	9.381	-0.010	93	1231278	40.0	38.9	
30 trans-1,2-Dichloroethene	61	9.462	9.462	0.000	95	2398914	40.0	36.4	
31 Methyl tert-butyl ether	73	9.462	9.488	-0.026	97	4304391	40.0	38.5	
32 Hexane	57	9.970	9.975	-0.005	93	2544647	40.0	37.8	

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				0		80.0	72.7	
33 1,1-Dichloroethane	63	10.232	10.232	0.000	100	2923941	40.0	35.7	
34 Vinyl acetate	43	10.237	10.253	-0.016	100	3256766	31.6	31.0	
36 2-Butanone (MEK)	72	11.200	11.222	-0.022	100	792171	40.0	39.6	
37 cis-1,2-Dichloroethene	96	11.232	11.232	0.000	96	1512942	40.0	36.3	
38 Ethyl acetate	88	11.281	11.302	-0.021	100	136137	40.0	40.1	
* 39 Chlorobromomethane	128	11.644	11.644	0.000	96	192523	10.0	10.0	
40 Tetrahydrofuran	42	11.671	11.698	-0.027	94	1889562	40.0	38.1	
41 Chloroform	83	11.821	11.816	0.005	97	3251412	40.0	37.4	
42 1,1,1-Trichloroethane	97	12.126	12.126	0.000	97	3086522	40.0	37.8	
43 Cyclohexane	84	12.265	12.260	0.005	96	2004970	40.0	39.4	
44 Carbon tetrachloride	117	12.404	12.404	0.000	95	2953149	40.0	38.8	
45 Benzene	78	12.752	12.752	0.000	98	4788226	40.0	37.3	
46 1,2-Dichloroethane	62	12.827	12.832	-0.005	93	2313021	40.0	37.2	
47 Isooctane	57	12.966	12.966	0.000	98	8051144	40.0	36.9	
48 n-Heptane	43	13.271	13.265	0.006	95	3193174	40.0	36.7	
* 49 1,4-Difluorobenzene	114	13.485	13.479	0.006	97	994823	10.0	10.0	
50 n-Butanol	56	13.704	13.720	-0.016	91	863262	28.0	28.4	
51 Trichloroethene	95	13.918	13.913	0.005	91	2062720	40.0	38.6	
53 1,2-Dichloropropane	63	14.378	14.378	0.000	90	1934278	40.0	36.3	
54 Methyl methacrylate	69	14.458	14.464	-0.006	93	1801663	40.0	40.2	
55 1,4-Dioxane	88	14.490	14.517	-0.027	99	853279	40.0	37.4	
57 Dibromomethane	174	14.533	14.533	0.000	87	1352172	40.0	38.4	
58 Dichlorobromomethane	83	14.844	14.838	0.006	98	3525178	40.0	38.8	
59 cis-1,3-Dichloropropene	75	15.641	15.641	0.000	97	3013657	40.0	40.4	
61 4-Methyl-2-pentanone (MIBK)	43	15.903	15.919	-0.016	98	4222324	40.0	38.5	
62 Toluene	92	16.283	16.283	0.000	93	3204969	40.0	38.6	
A 63 Toluene Range	1	16.286	(16.229-16.336)	0	13685830	NC	NC		
64 n-Octane	43	16.523	16.523	0.000	94	4296682	40.0	36.7	
A 65 C8 Range	1	16.513	(16.465-16.582)	0	16051387	NC	NC		
66 trans-1,3-Dichloropropene	75	16.695	16.689	0.006	98	2797358	40.0	40.3	
67 1,1,2-Trichloroethane	83	17.069	17.069	0.000	97	1764366	40.0	37.4	
68 Tetrachloroethene	166	17.272	17.262	0.010	88	2008106	40.0	39.0	
69 2-Hexanone	43	17.476	17.492	-0.016	93	3916390	40.0	39.4	
70 Chlorodibromomethane	129	17.807	17.807	0.000	96	3021807	40.0	40.9	
71 Ethylene Dibromide	107	18.048	18.043	0.005	98	2867663	40.0	39.3	
* 73 Chlorobenzene-d5	117	18.958	18.958	0.000	92	885692	10.0	10.0	
74 Chlorobenzene	112	19.016	19.016	0.000	89	3998408	40.0	37.7	
75 Ethylbenzene	91	19.209	19.209	0.000	99	7054428	40.0	38.1	
76 m-Xylene & p-Xylene	106	19.466	19.466	0.000	0	4948346	80.0	76.9	
77 n-Nonane	57	19.525	19.519	0.006	92	3826394	40.0	36.7	
S 80 Xylenes, Total	106				0		120.0	116.4	
78 o-Xylene	106	20.236	20.236	0.000	98	2447128	40.0	39.5	
79 Styrene	104	20.274	20.274	0.000	98	4039541	40.0	40.8	
81 Bromoform	173	20.611	20.611	0.000	91	2557897	40.0	44.8	
82 Isopropylbenzene	105	20.916	20.916	0.000	98	7236287	40.0	38.7	
83 1,1,2,2-Tetrachloroethane	83	21.429	21.424	0.005	98	4455593	40.0	36.7	
84 1,2,3-Trichloropropane	75	21.525	21.525	0.000	98	3611475	40.0	37.3	
85 N-Propylbenzene	91	21.622	21.616	0.006	98	8974989	40.0	36.8	
86 2-Chlorotoluene	91	21.766	21.766	0.000	97	5959188	40.0	38.1	
87 4-Ethyltoluene	105	21.814	21.814	0.000	97	6960457	40.0	37.8	
88 1,3,5-Trimethylbenzene	105	21.905	21.905	0.000	91	5890702	40.0	37.5	

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	21.932	21.927	0.005	92	4723761	40.0	35.1	
90 Alpha Methyl Styrene	118	22.232	22.226	0.006	83	2997227	40.0	43.1	
91 tert-Butylbenzene	119	22.387	22.381	0.006	89	5381179	40.0	37.7	
92 1,2,4-Trimethylbenzene	105	22.472	22.467	0.005	99	5977760	40.0	38.4	
93 sec-Butylbenzene	105	22.708	22.702	0.006	97	8429123	40.0	36.5	
94 1,3-Dichlorobenzene	146	22.879	22.879	0.000	96	3568047	40.0	38.7	
95 4-Isopropyltoluene	119	22.916	22.916	0.000	96	6789111	40.0	37.9	
96 1,4-Dichlorobenzene	146	23.018	23.013	0.005	89	3558774	40.0	39.1	
97 Benzyl chloride	91	23.168	23.168	0.000	97	5937768	40.0	40.8	
98 n-Butylbenzene	91	23.473	23.478	-0.005	99	7339626	40.0	38.2	
99 1,2-Dichlorobenzene	146	23.510	23.510	0.000	91	3426201	40.0	38.3	
100 Undecane	57	23.617	23.617	0.000	95	5102346	40.0	36.9	
101 Dodecane	57	25.217	25.217	0.000	96	4691910	40.0	38.5	
102 1,2,4-Trichlorobenzene	180	25.976	25.982	-0.006	92	2599696	40.0	43.3	
103 Hexachlorobutadiene	225	26.222	26.223	-0.001	95	1919269	40.0	39.1	
104 Naphthalene	128	26.463	26.469	-0.006	97	6858178	40.0	46.0	
105 1,2,3-Trichlorobenzene	180	26.886	26.881	0.005	93	2341513	40.0	42.3	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL7w_00145

Amount Added: 200.00

Units: mL

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 16-Apr-2024 14:14:06

Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_014.D

Injection Date: 16-Apr-2024 00:40:13

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: IC

Worklist Smp#: 14

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

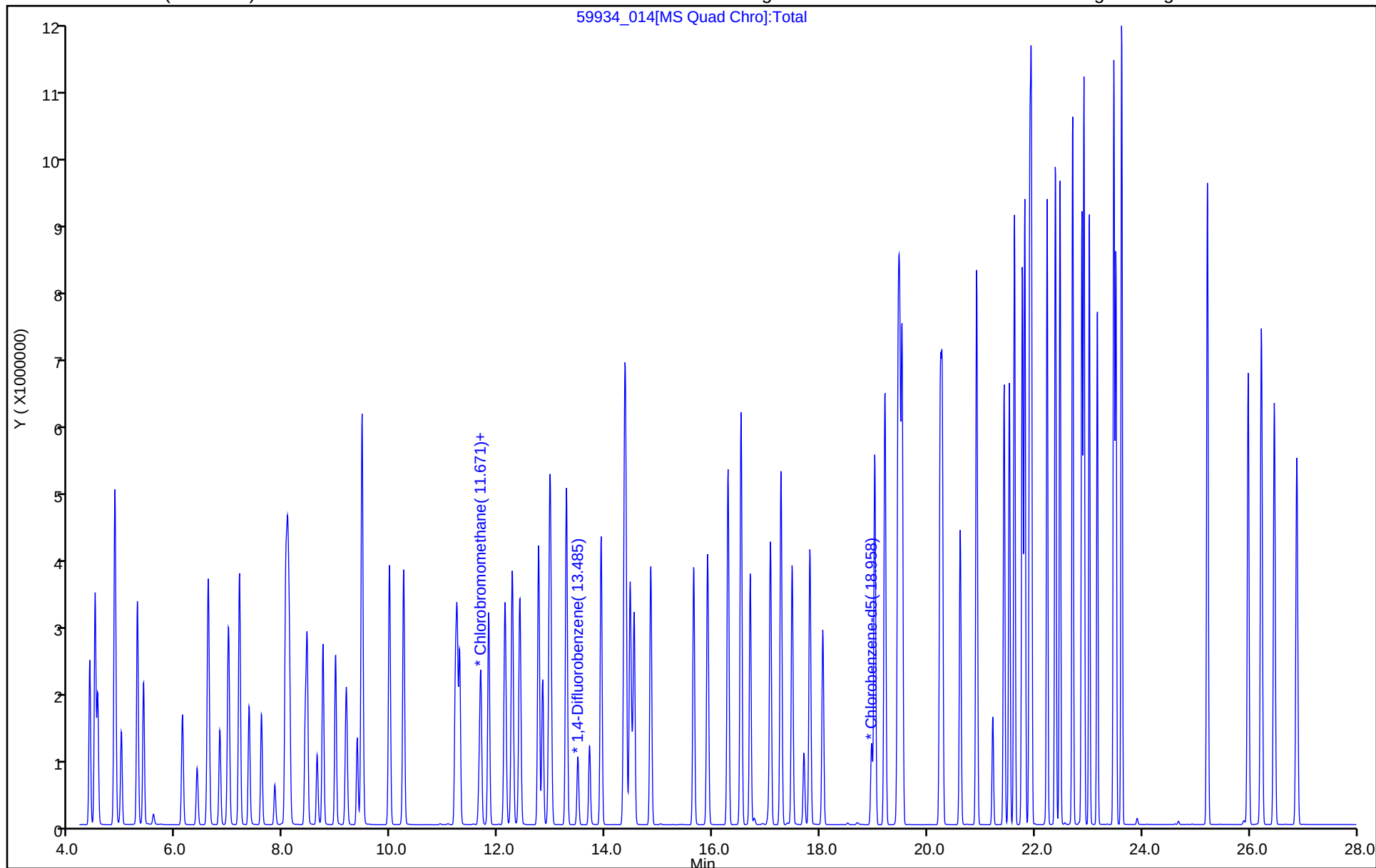
ALS Bottle#: 0

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

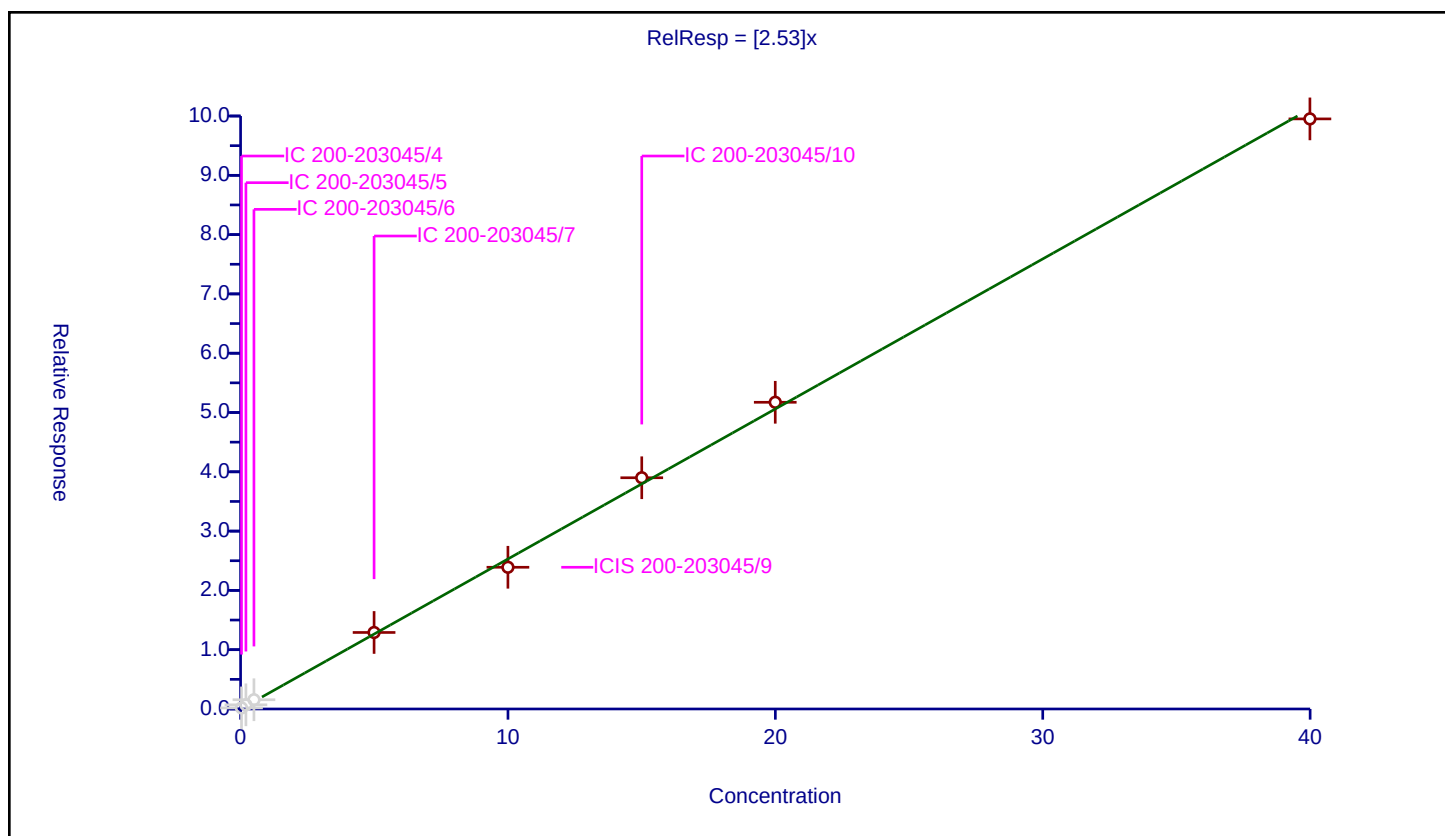
Curve Coefficients

Intercept: 0
Slope: 2.53

Error Coefficients

Relative Standard Deviation: 3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.181136	10.0	187925.0	5.163965	N
2	IC 200-203045/5	0.20044	0.701742	10.0	184327.0	3.501014	N
3	IC 200-203045/6	0.500453	1.557159	10.0	175467.0	3.111501	N
4	IC 200-203045/7	4.992563	12.903982	10.0	173541.0	2.584641	Y
5	ICIS 200-203045/9	9.99806	23.901008	10.0	182076.0	2.390565	Y
6	IC 200-203045/10	15.003557	38.996851	10.0	184529.0	2.599174	Y
7	IC 200-203045/13	19.99612	51.724366	10.0	189403.0	2.58672	Y
8	IC 200-203045/14	39.99224	99.515331	10.0	192523.0	2.488366	Y



Calibration

/ Dichlorodifluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

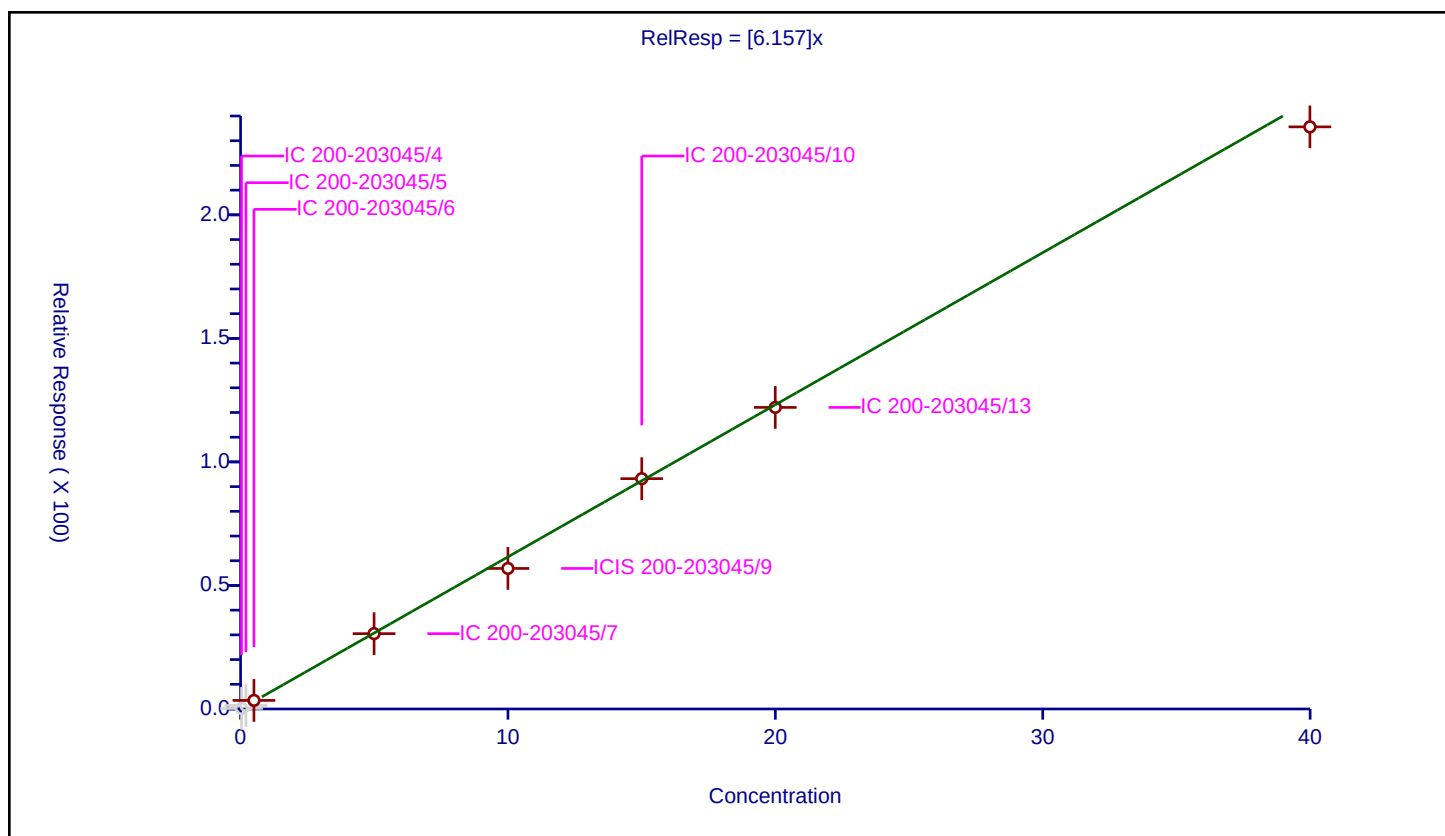
Curve Coefficients

Intercept: 0
Slope: 6.157

Error Coefficients

Relative Standard Deviation: 6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.234615	10.0	187925.0	6.688578	N
2	IC 200-203045/5	0.20044	1.423232	10.0	184327.0	7.100548	N
3	IC 200-203045/6	0.500453	3.470339	10.0	175467.0	6.934401	Y
4	IC 200-203045/7	4.992563	30.490662	10.0	173541.0	6.107216	Y
5	ICIS 200-203045/9	9.99806	56.887728	10.0	182076.0	5.689877	Y
6	IC 200-203045/10	15.003557	93.228544	10.0	184529.0	6.213763	Y
7	IC 200-203045/13	19.99612	122.069186	10.0	189403.0	6.104644	Y
8	IC 200-203045/14	39.99224	235.607694	10.0	192523.0	5.891335	Y



Calibration

/ Chlorodifluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

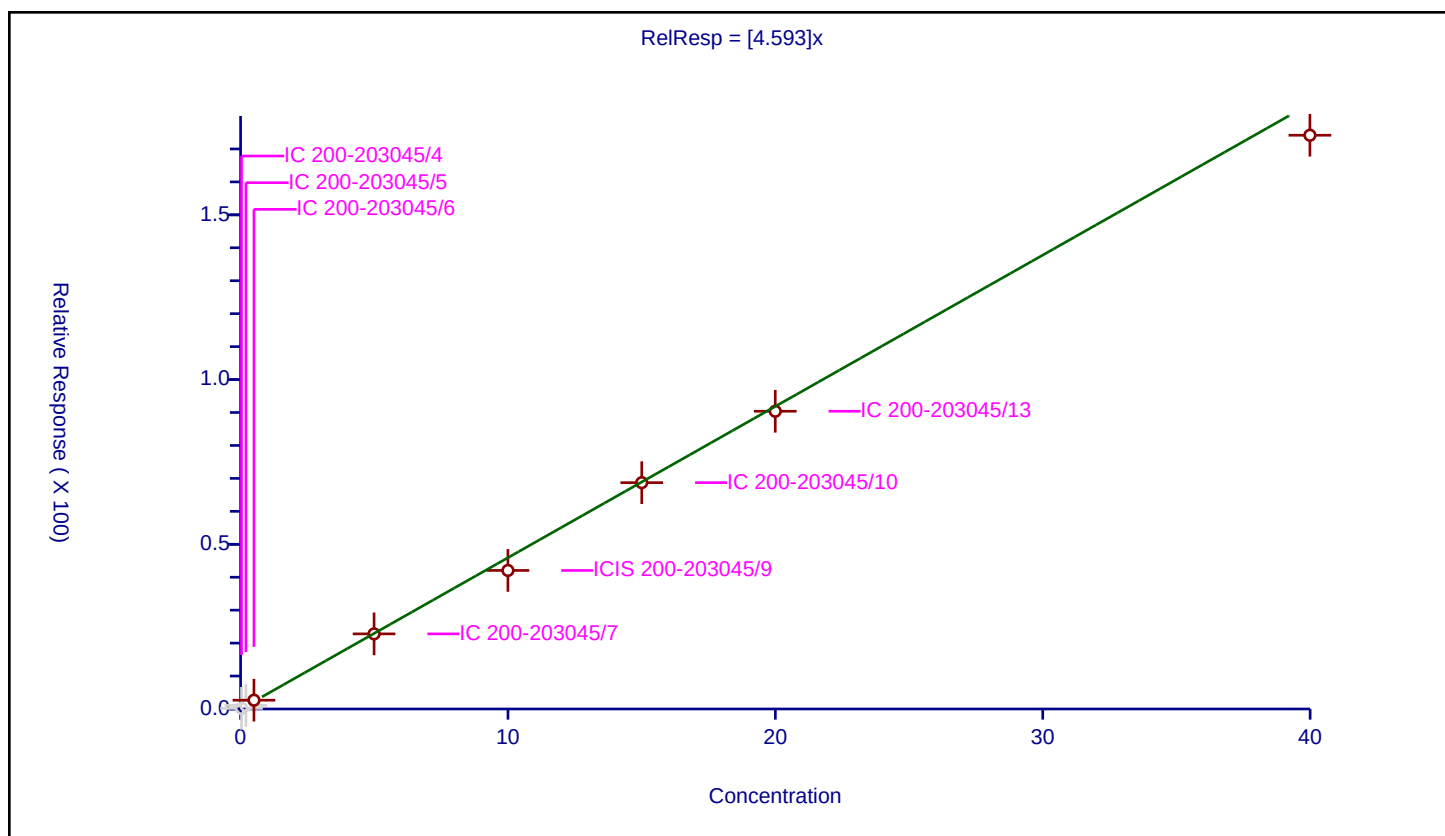
Curve Coefficients

Intercept: 0
Slope: 4.593

Error Coefficients

Relative Standard Deviation: 8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.189969	10.0	187925.0	5.415791	N
2	IC 200-203045/5	0.20044	1.082044	10.0	184327.0	5.398355	N
3	IC 200-203045/6	0.500453	2.66694	10.0	175467.0	5.329057	Y
4	IC 200-203045/7	4.992563	22.795881	10.0	173541.0	4.565968	Y
5	ICIS 200-203045/9	9.99806	42.057053	10.0	182076.0	4.206521	Y
6	IC 200-203045/10	15.003557	68.706978	10.0	184529.0	4.579379	Y
7	IC 200-203045/13	19.99612	90.386002	10.0	189403.0	4.520177	Y
8	IC 200-203045/14	39.99224	174.163243	10.0	192523.0	4.354926	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

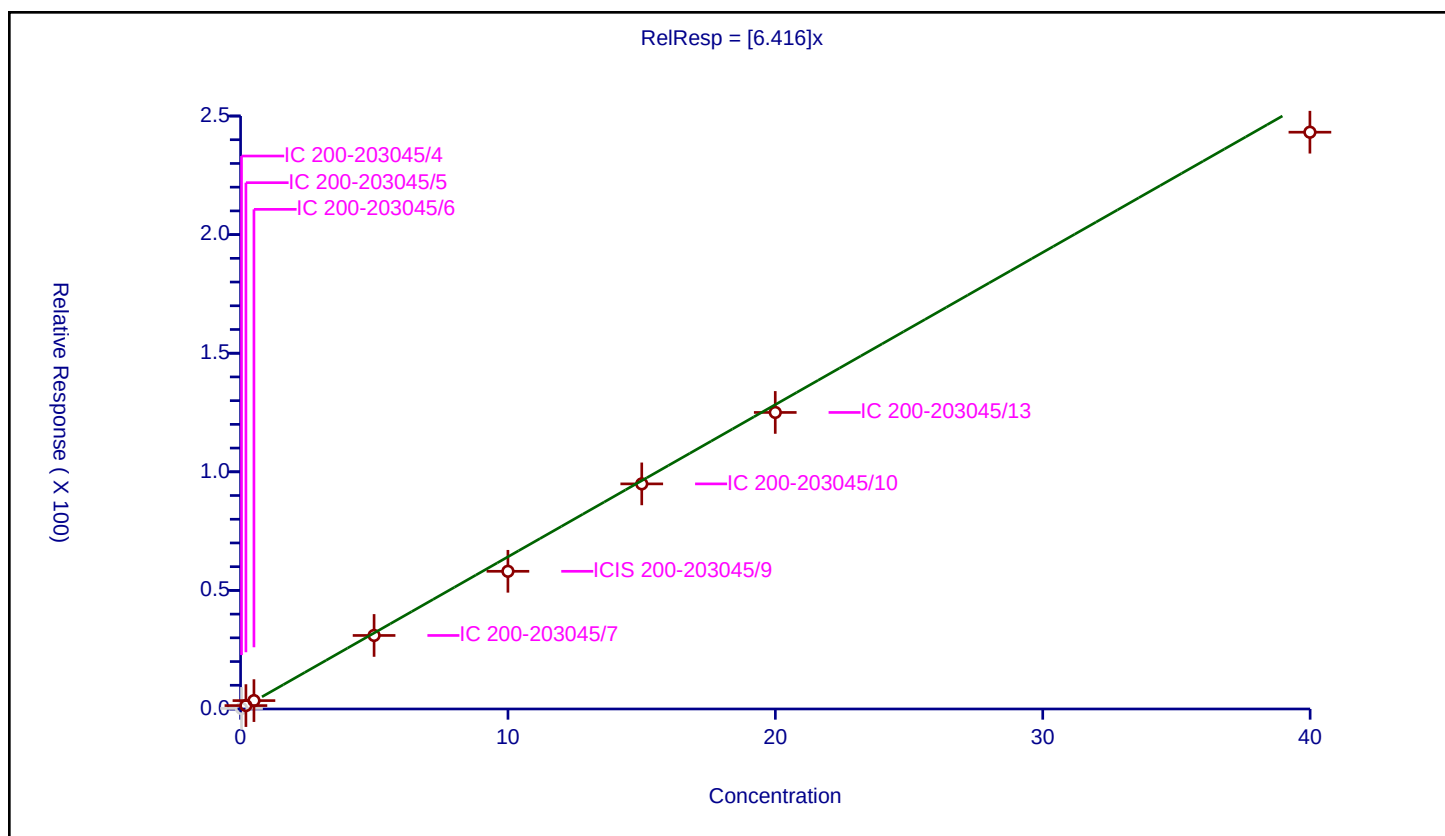
Curve Coefficients

Intercept: 0
Slope: 6.416

Error Coefficients

Relative Standard Deviation: 7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.245949	10.0	187925.0	7.011705	N
2	IC 200-203045/5	0.20044	1.437771	10.0	184327.0	7.173086	Y
3	IC 200-203045/6	0.500453	3.535423	10.0	175467.0	7.064451	Y
4	IC 200-203045/7	4.992563	31.004431	10.0	173541.0	6.210123	Y
5	ICIS 200-203045/9	9.99806	58.056306	10.0	182076.0	5.806757	Y
6	IC 200-203045/10	15.003557	94.905625	10.0	184529.0	6.325542	Y
7	IC 200-203045/13	19.99612	125.025316	10.0	189403.0	6.252479	Y
8	IC 200-203045/14	39.99224	243.173543	10.0	192523.0	6.080518	Y



Calibration

/ Chloromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

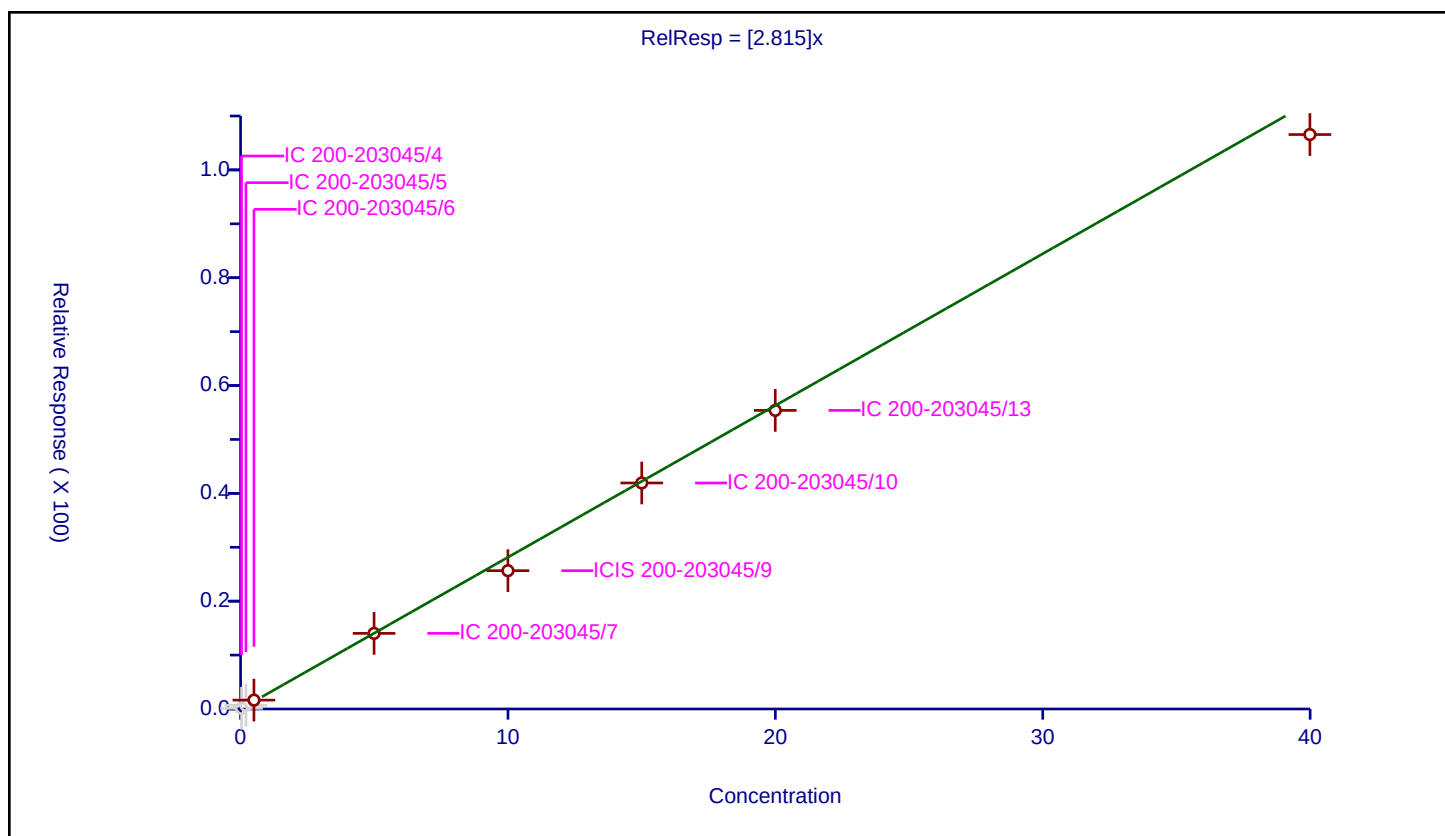
Curve Coefficients

Intercept: 0
Slope: 2.815

Error Coefficients

Relative Standard Deviation: 8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.126912	10.0	187925.0	3.618113	N
2	IC 200-203045/5	0.20044	0.681289	10.0	184327.0	3.398974	N
3	IC 200-203045/6	0.500453	1.643785	10.0	175467.0	3.284597	Y
4	IC 200-203045/7	4.992563	14.025907	10.0	173541.0	2.80936	Y
5	ICIS 200-203045/9	9.99806	25.656155	10.0	182076.0	2.566113	Y
6	IC 200-203045/10	15.003557	41.924684	10.0	184529.0	2.794316	Y
7	IC 200-203045/13	19.99612	55.39284	10.0	189403.0	2.770179	Y
8	IC 200-203045/14	39.99224	106.563891	10.0	192523.0	2.664614	Y



Calibration

/ Butane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

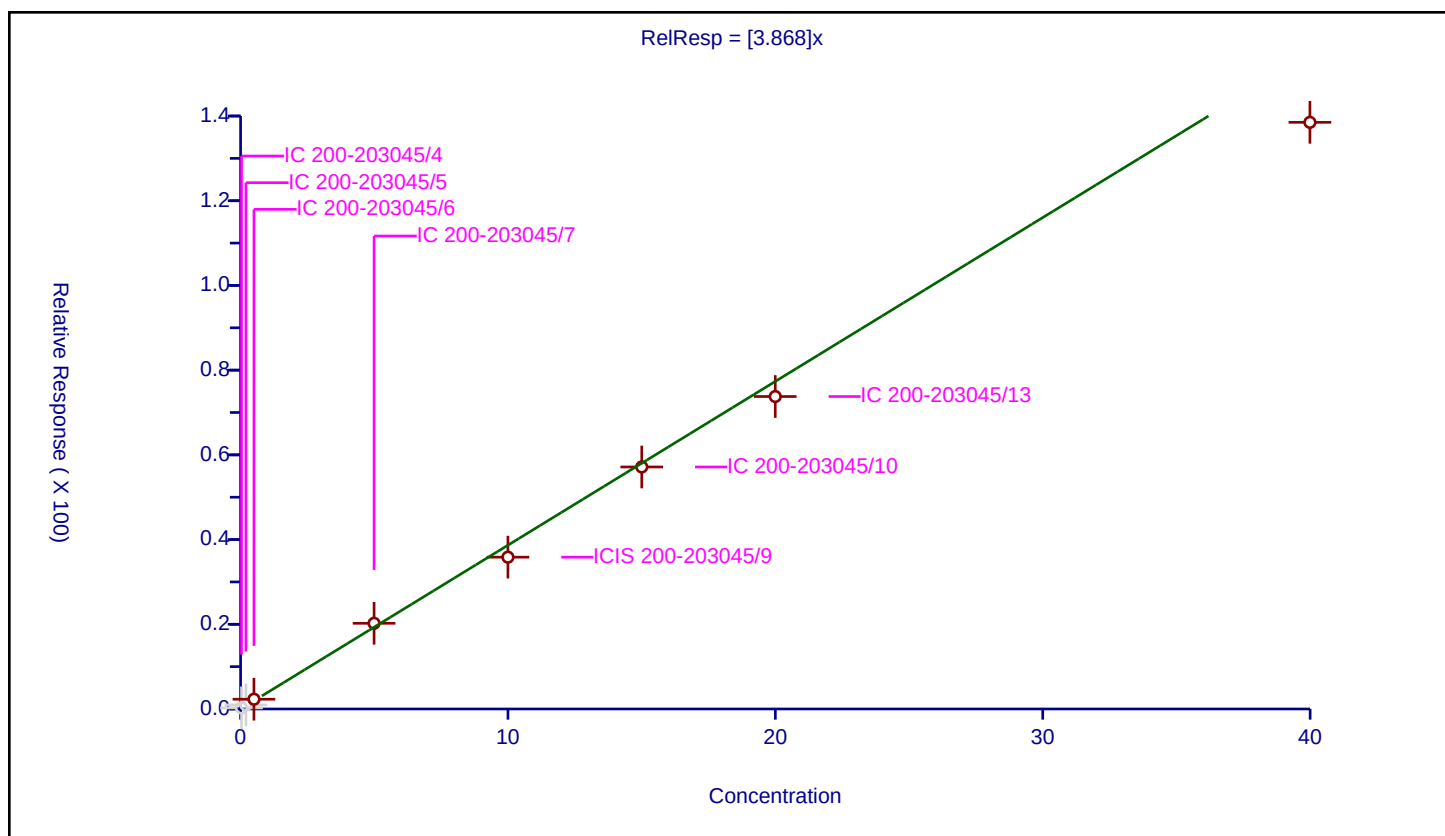
Curve Coefficients

Intercept: 0
Slope: 3.868

Error Coefficients

Relative Standard Deviation: 10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.261381	10.0	187925.0	7.451644	N
2	IC 200-203045/5	0.20044	0.970069	10.0	184327.0	4.839708	N
3	IC 200-203045/6	0.500453	2.305448	10.0	175467.0	4.606726	Y
4	IC 200-203045/7	4.992563	20.23032	10.0	173541.0	4.052091	Y
5	ICIS 200-203045/9	9.99806	35.843439	10.0	182076.0	3.585039	Y
6	IC 200-203045/10	15.003557	57.139257	10.0	184529.0	3.808381	Y
7	IC 200-203045/13	19.99612	73.774755	10.0	189403.0	3.689454	Y
8	IC 200-203045/14	39.99224	138.507087	10.0	192523.0	3.463349	Y



Calibration

/ Vinyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

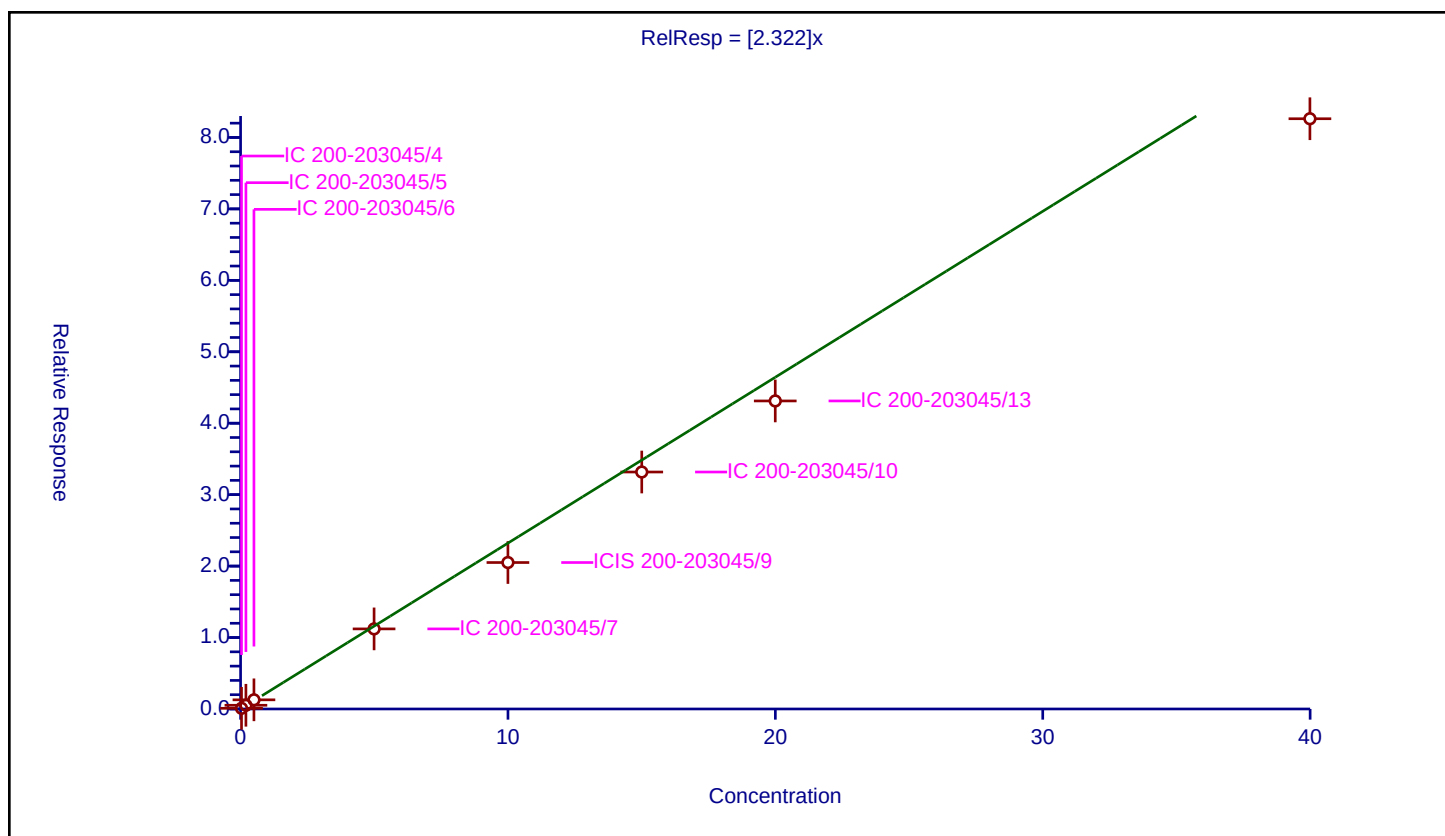
Curve Coefficients

Intercept: 0
Slope: 2.322

Error Coefficients

Relative Standard Deviation: 10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.09392	10.0	187925.0	2.677555	Y
2	IC 200-203045/5	0.20044	0.522495	10.0	184327.0	2.606746	Y
3	IC 200-203045/6	0.500453	1.282463	10.0	175467.0	2.562607	Y
4	IC 200-203045/7	4.992563	11.211011	10.0	173541.0	2.245542	Y
5	ICIS 200-203045/9	9.99806	20.502208	10.0	182076.0	2.050619	Y
6	IC 200-203045/10	15.003557	33.16877	10.0	184529.0	2.210727	Y
7	IC 200-203045/13	19.99612	43.116213	10.0	189403.0	2.156229	Y
8	IC 200-203045/14	39.99224	82.619531	10.0	192523.0	2.065889	Y



Calibration

/ Butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

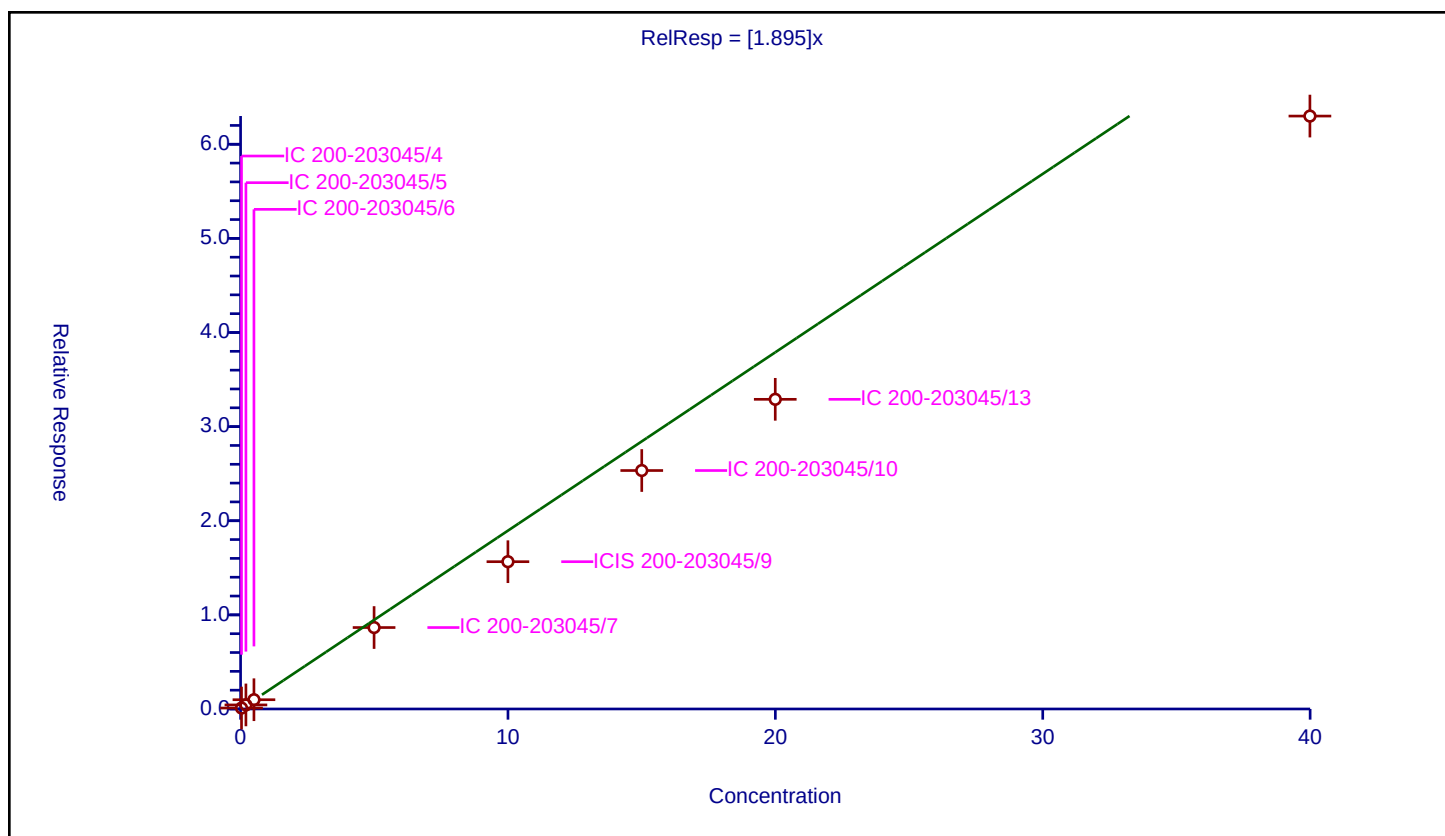
Curve Coefficients

Intercept: 0
Slope: 1.895

Error Coefficients

Relative Standard Deviation: 22.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.099295	10.0	187925.0	2.830775	Y
2	IC 200-203045/5	0.20044	0.431841	10.0	184327.0	2.15447	Y
3	IC 200-203045/6	0.500453	0.984402	10.0	175467.0	1.967023	Y
4	IC 200-203045/7	4.992563	8.653978	10.0	173541.0	1.733374	Y
5	ICIS 200-203045/9	9.99806	15.649674	10.0	182076.0	1.565271	Y
6	IC 200-203045/10	15.003557	25.335747	10.0	184529.0	1.688649	Y
7	IC 200-203045/13	19.99612	32.900588	10.0	189403.0	1.645349	Y
8	IC 200-203045/14	39.99224	62.993357	10.0	192523.0	1.57514	Y



Calibration

/ Bromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

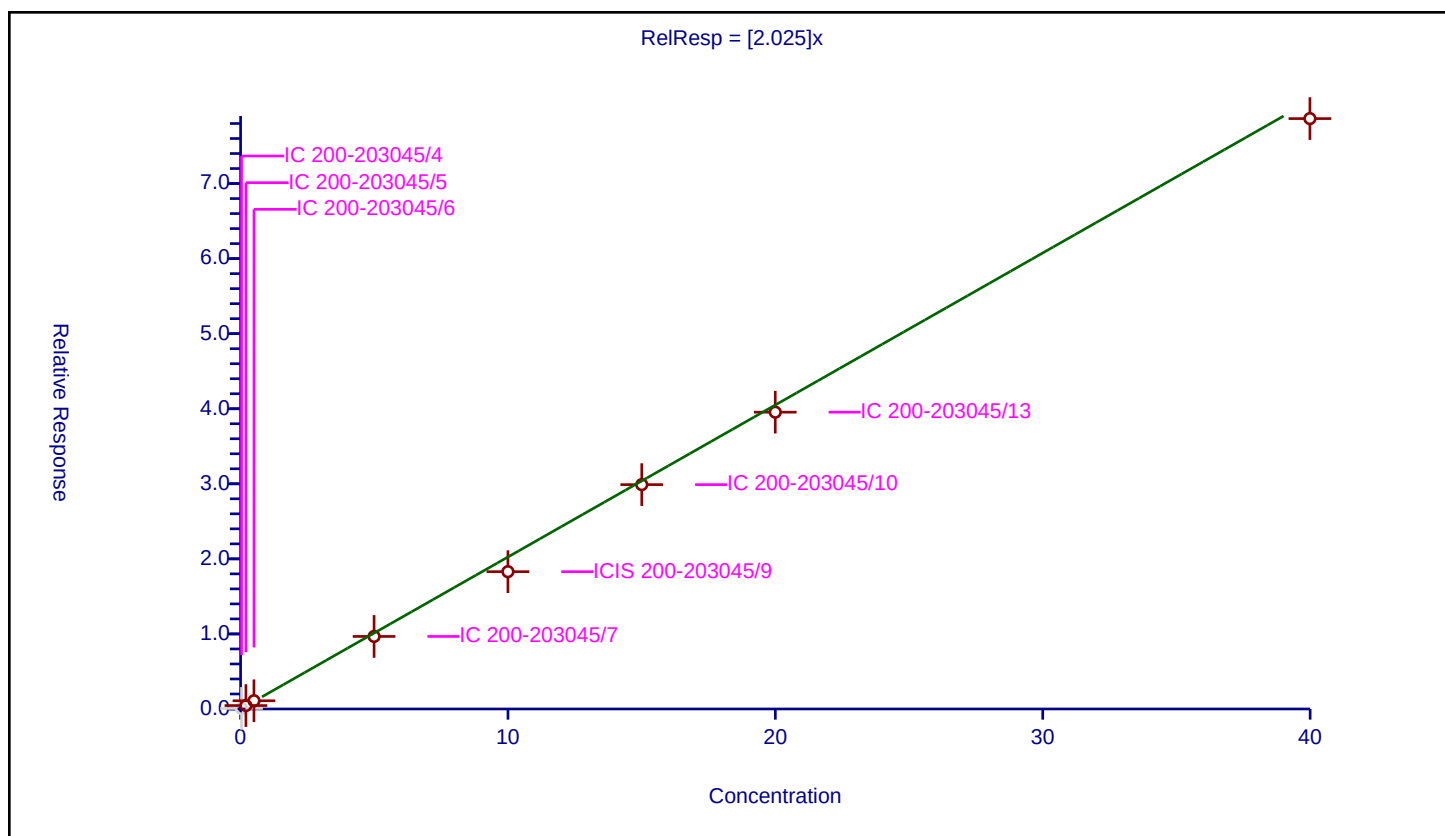
Curve Coefficients

Intercept: 0
Slope: 2.025

Error Coefficients

Relative Standard Deviation: 7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.074179	10.0	187925.0	2.114738	N
2	IC 200-203045/5	0.20044	0.457611	10.0	184327.0	2.283034	Y
3	IC 200-203045/6	0.500453	1.096502	10.0	175467.0	2.191022	Y
4	IC 200-203045/7	4.992563	9.664978	10.0	173541.0	1.935875	Y
5	ICIS 200-203045/9	9.99806	18.294064	10.0	182076.0	1.829761	Y
6	IC 200-203045/10	15.003557	29.889773	10.0	184529.0	1.992179	Y
7	IC 200-203045/13	19.99612	39.544833	10.0	189403.0	1.977625	Y
8	IC 200-203045/14	39.99224	78.654914	10.0	192523.0	1.966754	Y



Calibration

/ Chloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

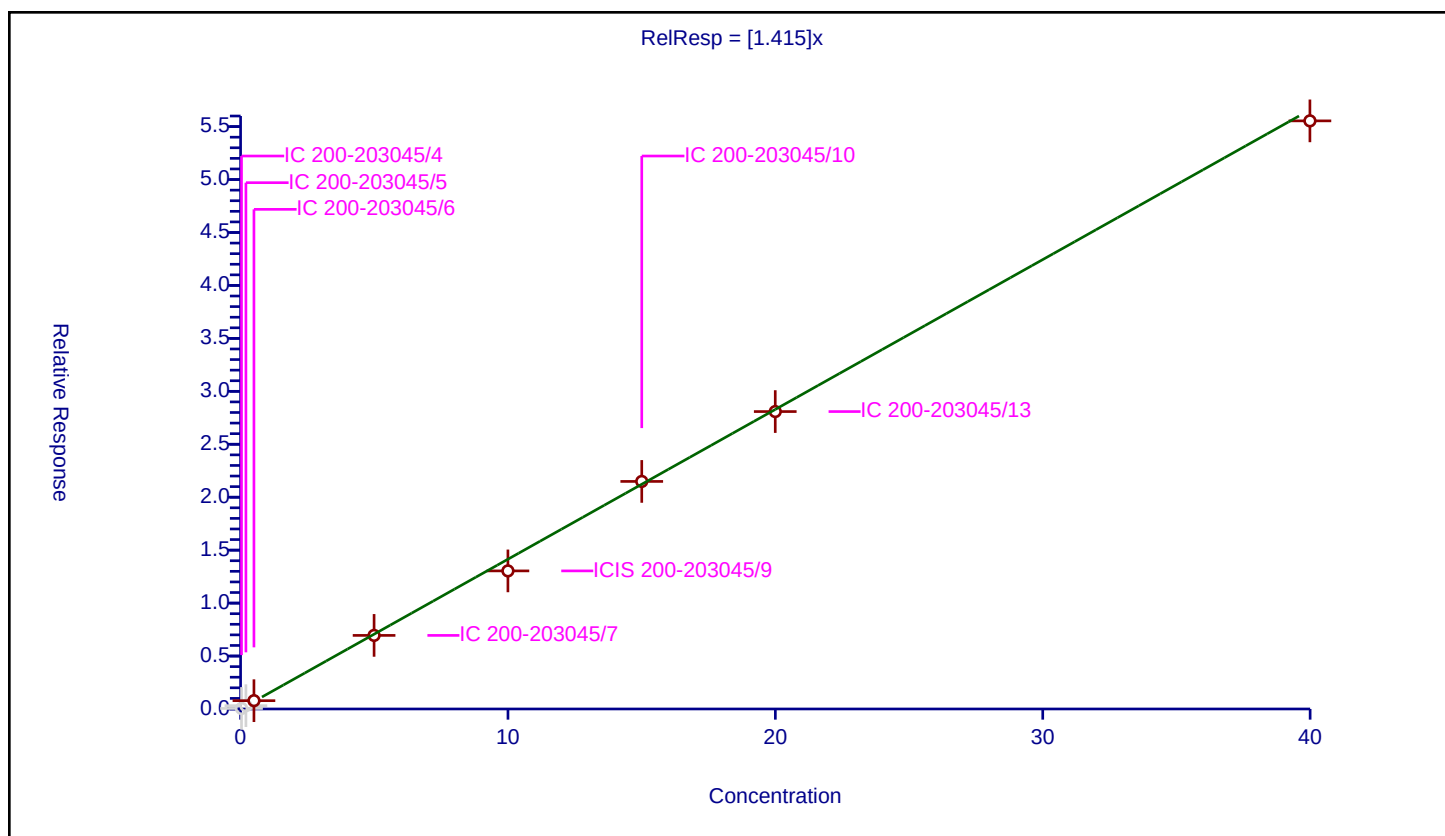
Curve Coefficients

Intercept: 0
Slope: 1.415

Error Coefficients

Relative Standard Deviation: 6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.051936	10.0	187925.0	1.48062	N
2	IC 200-203045/5	0.20044	0.314604	10.0	184327.0	1.569569	N
3	IC 200-203045/6	0.500453	0.783737	10.0	175467.0	1.566057	Y
4	IC 200-203045/7	4.992563	6.948214	10.0	173541.0	1.391713	Y
5	ICIS 200-203045/9	9.99806	13.041697	10.0	182076.0	1.304423	Y
6	IC 200-203045/10	15.003557	21.491256	10.0	184529.0	1.432411	Y
7	IC 200-203045/13	19.99612	28.088362	10.0	189403.0	1.404691	Y
8	IC 200-203045/14	39.99224	55.540429	10.0	192523.0	1.38878	Y



Calibration

/ 2-Methylbutane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

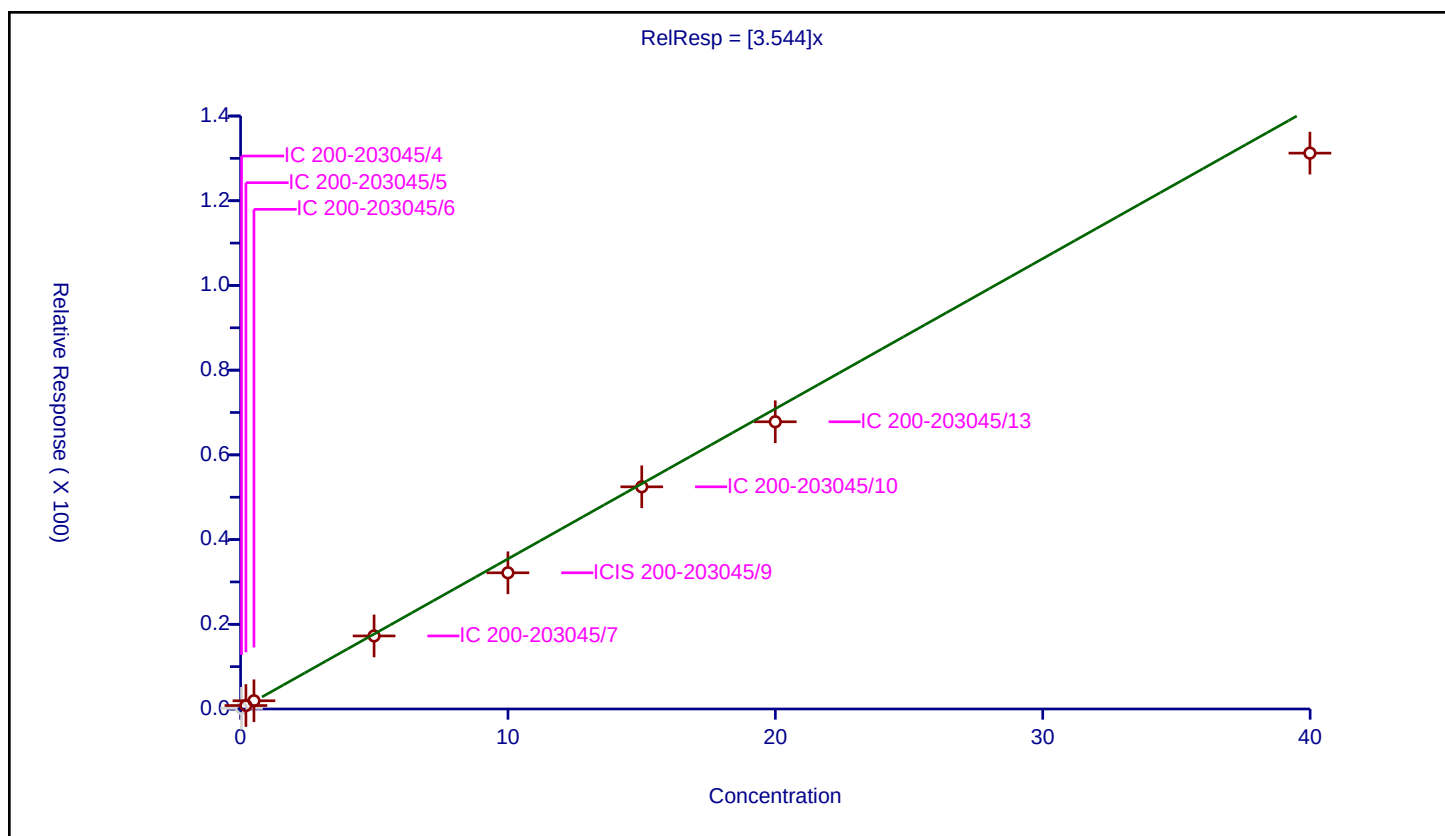
Curve Coefficients

Intercept: 0
Slope: 3.544

Error Coefficients

Relative Standard Deviation: 9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.162192	10.0	187925.0	4.623903	N
2	IC 200-203045/5	0.20044	0.818328	10.0	184327.0	4.082666	Y
3	IC 200-203045/6	0.500453	1.945323	10.0	175467.0	3.887128	Y
4	IC 200-203045/7	4.992563	17.248546	10.0	173541.0	3.454848	Y
5	ICIS 200-203045/9	9.99806	32.154869	10.0	182076.0	3.216111	Y
6	IC 200-203045/10	15.003557	52.454194	10.0	184529.0	3.496117	Y
7	IC 200-203045/13	19.99612	67.808799	10.0	189403.0	3.391098	Y
8	IC 200-203045/14	39.99224	131.239073	10.0	192523.0	3.281613	Y



Calibration

/ Vinyl bromide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

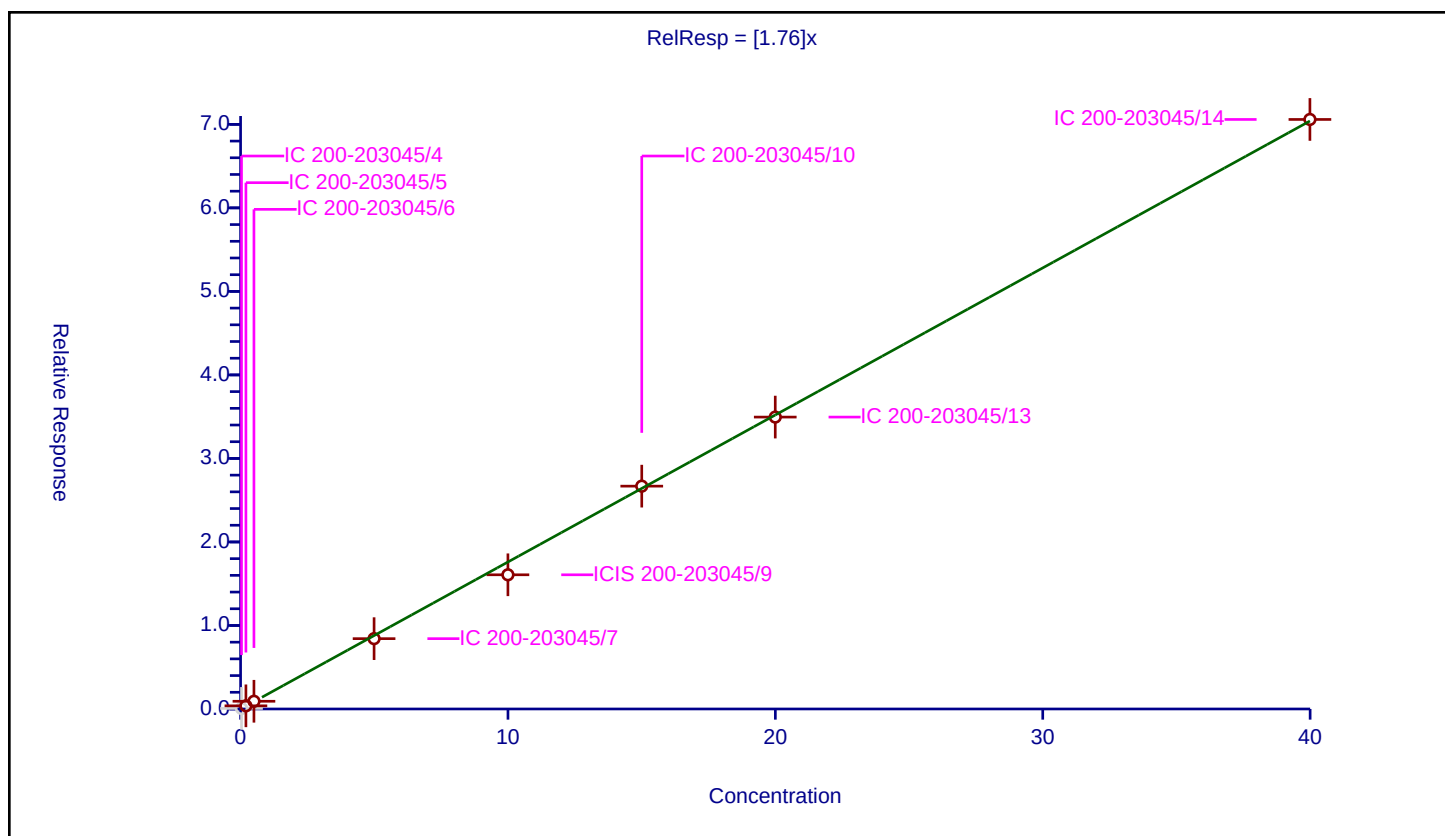
Curve Coefficients

Intercept: 0
Slope: 1.76

Error Coefficients

Relative Standard Deviation: 5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.068485	10.0	187925.0	1.952416	N
2	IC 200-203045/5	0.20044	0.379163	10.0	184327.0	1.891657	Y
3	IC 200-203045/6	0.500453	0.923592	10.0	175467.0	1.845514	Y
4	IC 200-203045/7	4.992563	8.42239	10.0	173541.0	1.686987	Y
5	ICIS 200-203045/9	9.99806	16.0684	10.0	182076.0	1.607152	Y
6	IC 200-203045/10	15.003557	26.68334	10.0	184529.0	1.778468	Y
7	IC 200-203045/13	19.99612	34.950397	10.0	189403.0	1.747859	Y
8	IC 200-203045/14	39.99224	70.589072	10.0	192523.0	1.765069	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

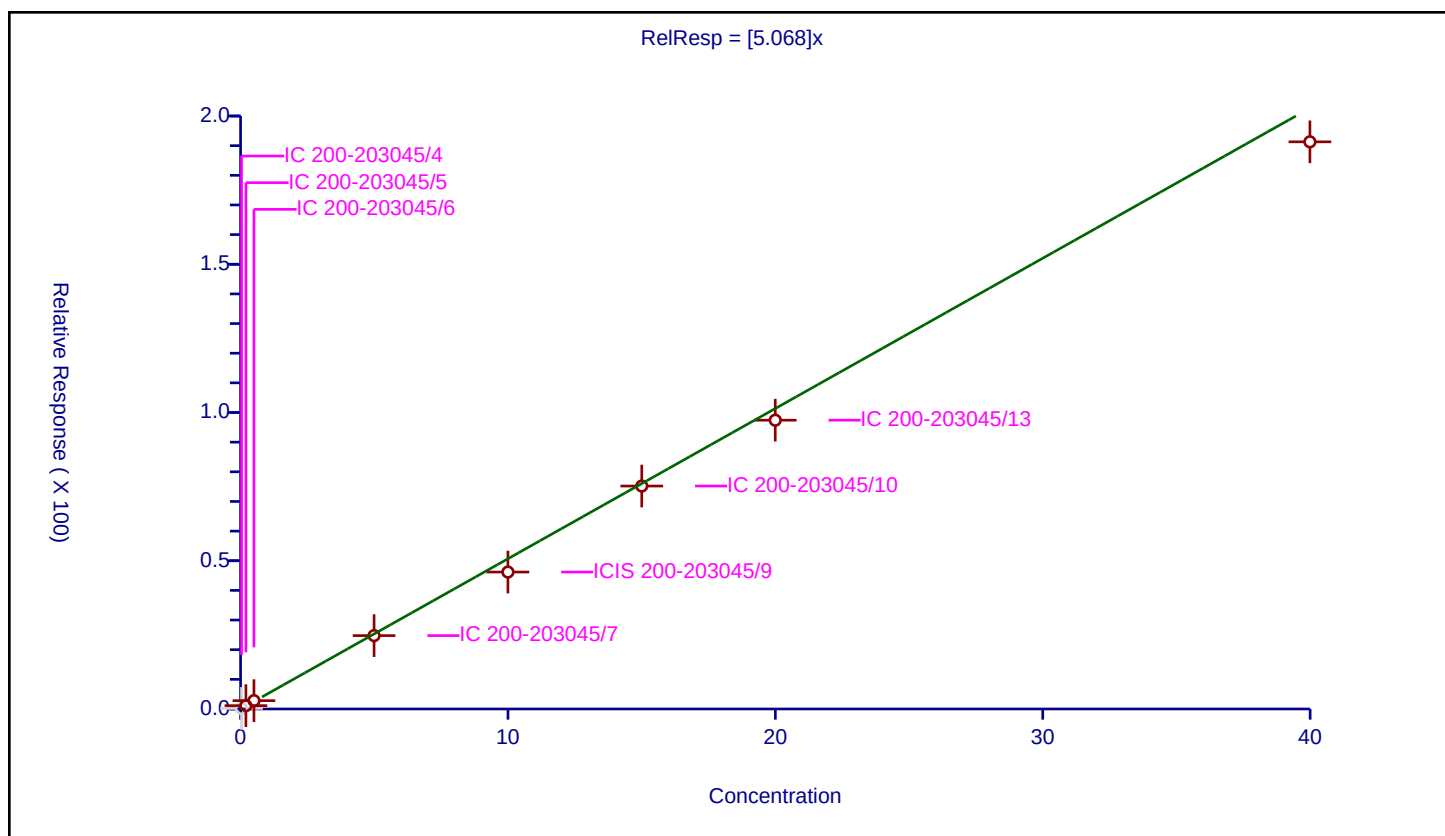
Curve Coefficients

Intercept: 0
Slope: 5.068

Error Coefficients

Relative Standard Deviation: 7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.196515	10.0	187925.0	5.602386	N
2	IC 200-203045/5	0.20044	1.124361	10.0	184327.0	5.609471	Y
3	IC 200-203045/6	0.500453	2.813065	10.0	175467.0	5.621041	Y
4	IC 200-203045/7	4.992563	24.74568	10.0	173541.0	4.956508	Y
5	ICIS 200-203045/9	9.99806	46.189613	10.0	182076.0	4.619858	Y
6	IC 200-203045/10	15.003557	75.194631	10.0	184529.0	5.011787	Y
7	IC 200-203045/13	19.99612	97.39888	10.0	189403.0	4.870889	Y
8	IC 200-203045/14	39.99224	191.290599	10.0	192523.0	4.783193	Y



Calibration

/ Pentane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

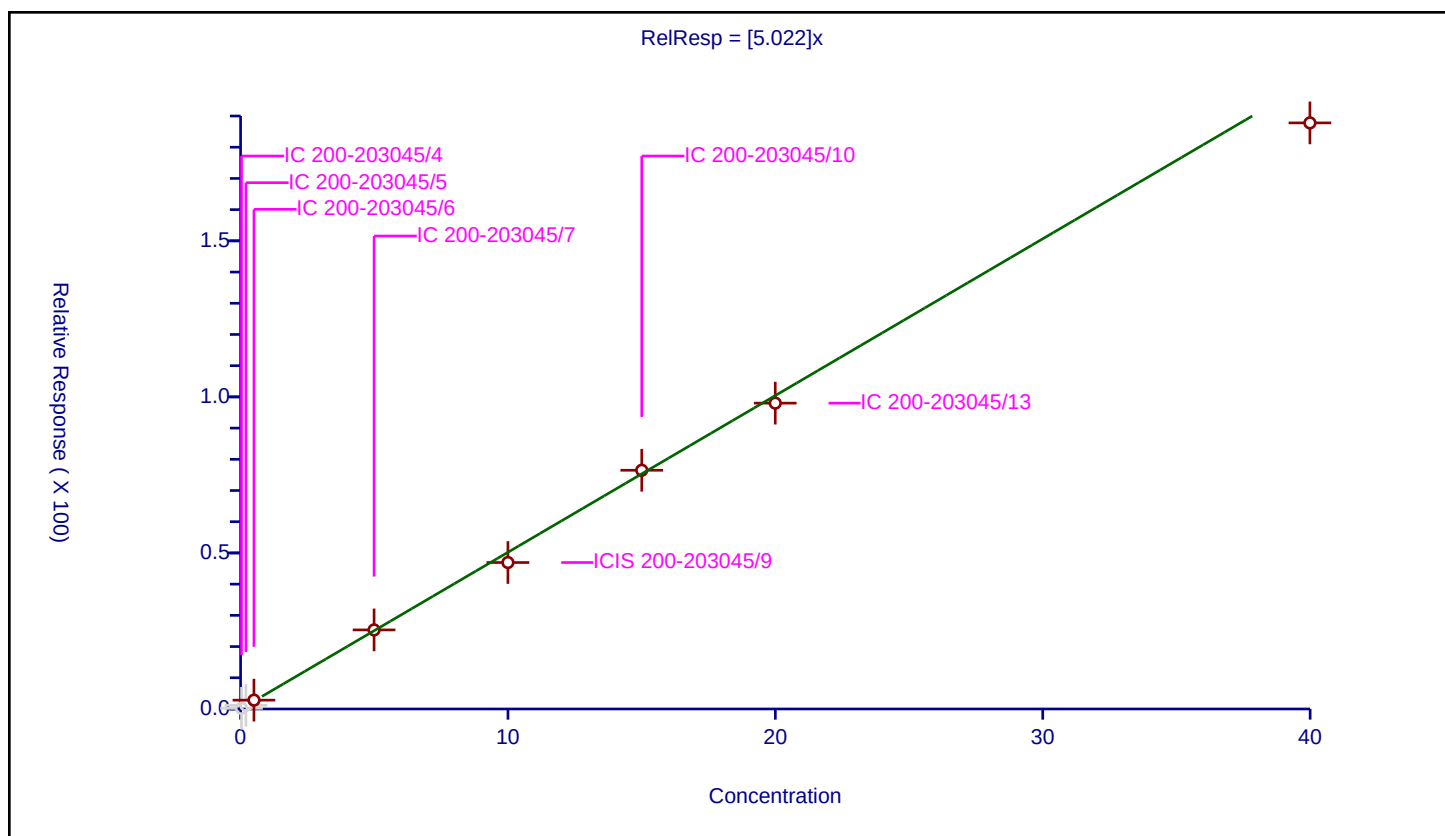
Curve Coefficients

Intercept: 0
Slope: 5.022

Error Coefficients

Relative Standard Deviation: 7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.221258	10.0	187925.0	6.307804	N
2	IC 200-203045/5	0.20044	1.187292	10.0	184327.0	5.923439	N
3	IC 200-203045/6	0.500453	2.83569	10.0	175467.0	5.666251	Y
4	IC 200-203045/7	4.992563	25.3358	10.0	173541.0	5.074708	Y
5	ICIS 200-203045/9	9.99806	46.932545	10.0	182076.0	4.694165	Y
6	IC 200-203045/10	15.003557	76.49589	10.0	184529.0	5.098517	Y
7	IC 200-203045/13	19.99612	98.001457	10.0	189403.0	4.901024	Y
8	IC 200-203045/14	39.99224	187.797718	10.0	192523.0	4.695854	Y



Calibration

/ Ethanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

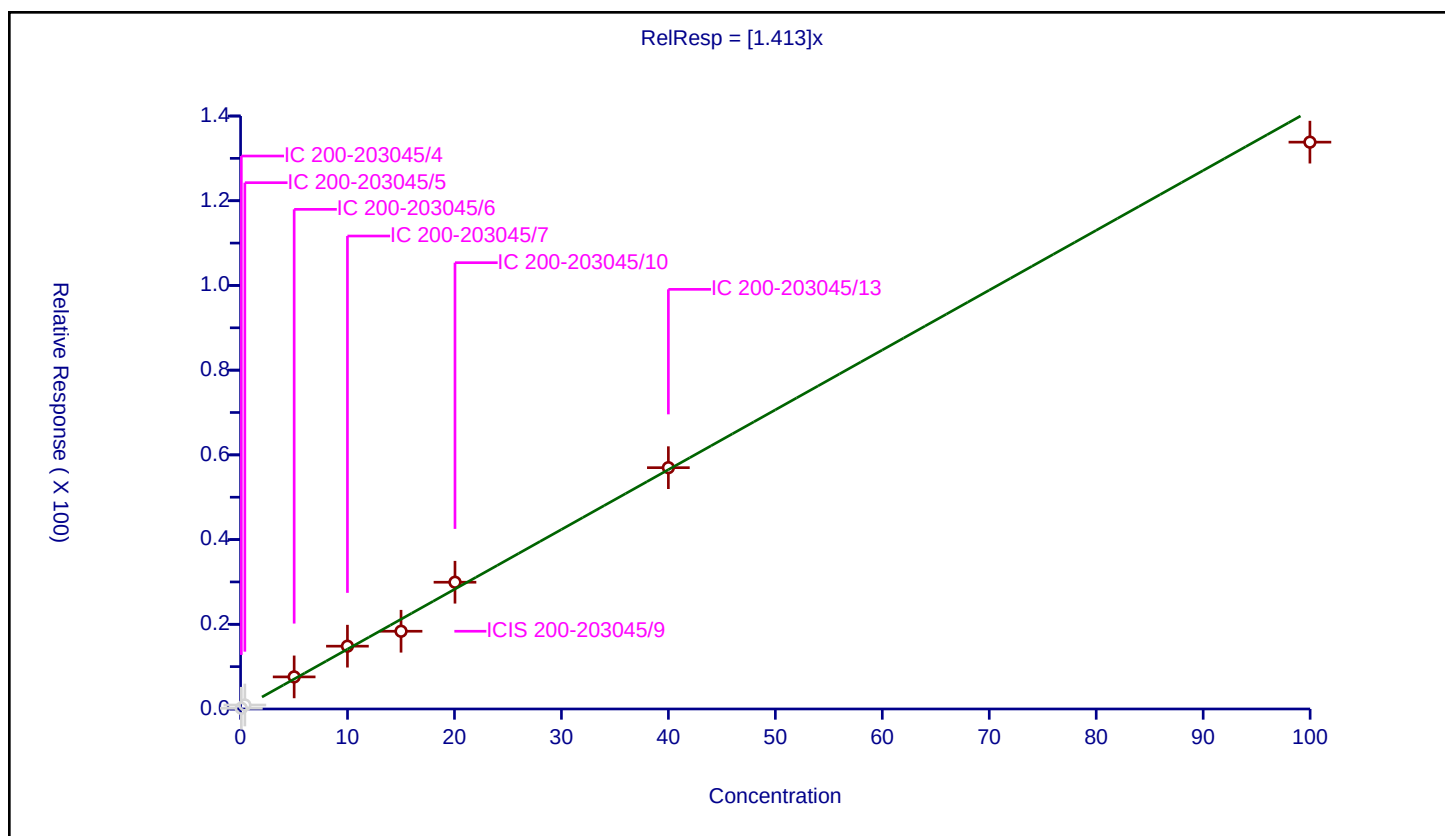
Curve Coefficients

Intercept: 0
Slope: 1.413

Error Coefficients

Relative Standard Deviation: 7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.070165	0.172569	10.0	187925.0	2.459464	N
2	IC 200-203045/5	0.400944	0.940719	10.0	184327.0	2.346261	N
3	IC 200-203045/6	5.010638	7.579659	10.0	175467.0	1.512713	Y
4	IC 200-203045/7	9.991593	14.827332	10.0	173541.0	1.483981	Y
5	ICIS 200-203045/9	15.003557	18.353874	10.0	182076.0	1.223302	Y
6	IC 200-203045/10	20.047856	29.928954	10.0	184529.0	1.492876	Y
7	IC 200-203045/13	39.998707	56.976869	10.0	189403.0	1.424468	Y
8	IC 200-203045/14	99.980599	133.82801	10.0	192523.0	1.33854	Y



Calibration

/ Ethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

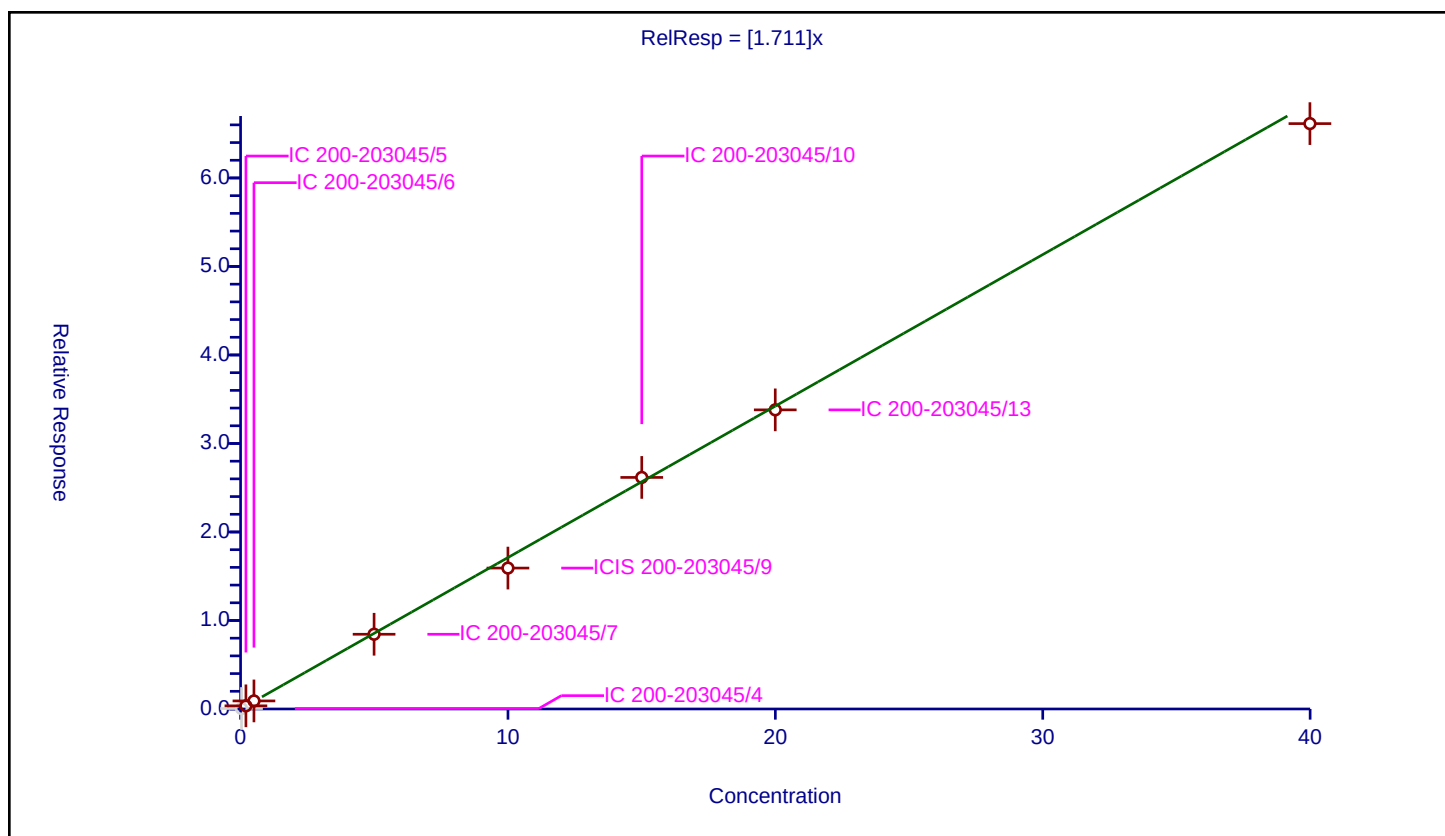
Curve Coefficients

Intercept: 0
Slope: 1.711

Error Coefficients

Relative Standard Deviation: 4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.054171	10.0	187925.0	1.544335	N
2	IC 200-203045/5	0.20044	0.358168	10.0	184327.0	1.786911	Y
3	IC 200-203045/6	0.500453	0.911111	10.0	175467.0	1.820575	Y
4	IC 200-203045/7	4.992563	8.445555	10.0	173541.0	1.691627	Y
5	ICIS 200-203045/9	9.99806	15.923461	10.0	182076.0	1.592655	Y
6	IC 200-203045/10	15.003557	26.163476	10.0	184529.0	1.743818	Y
7	IC 200-203045/13	19.99612	33.800204	10.0	189403.0	1.690338	Y
8	IC 200-203045/14	39.99224	66.141292	10.0	192523.0	1.653853	Y



Calibration

/ Acrolein

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

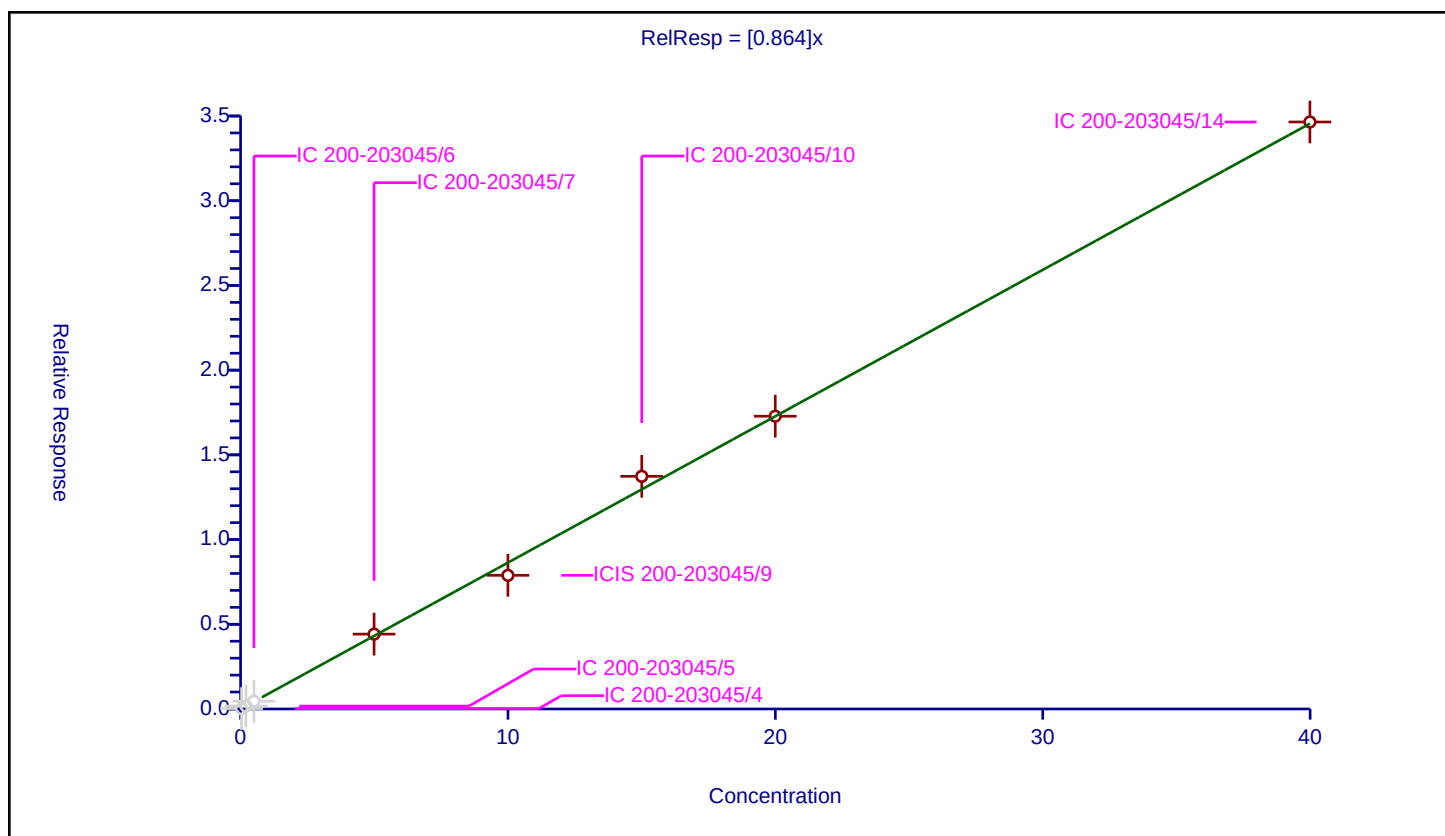
Curve Coefficients

Intercept: 0
Slope: 0.864

Error Coefficients

Relative Standard Deviation: 5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.026606	10.0	187925.0	0.758514	N
2	IC 200-203045/5	0.20044	0.172465	10.0	184327.0	0.860435	N
3	IC 200-203045/6	0.500453	0.458434	10.0	175467.0	0.916038	N
4	IC 200-203045/7	4.992563	4.41838	10.0	173541.0	0.884992	Y
5	ICIS 200-203045/9	9.99806	7.889563	10.0	182076.0	0.789109	Y
6	IC 200-203045/10	15.003557	13.732367	10.0	184529.0	0.915274	Y
7	IC 200-203045/13	19.99612	17.281036	10.0	189403.0	0.864219	Y
8	IC 200-203045/14	39.99224	34.647549	10.0	192523.0	0.866357	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

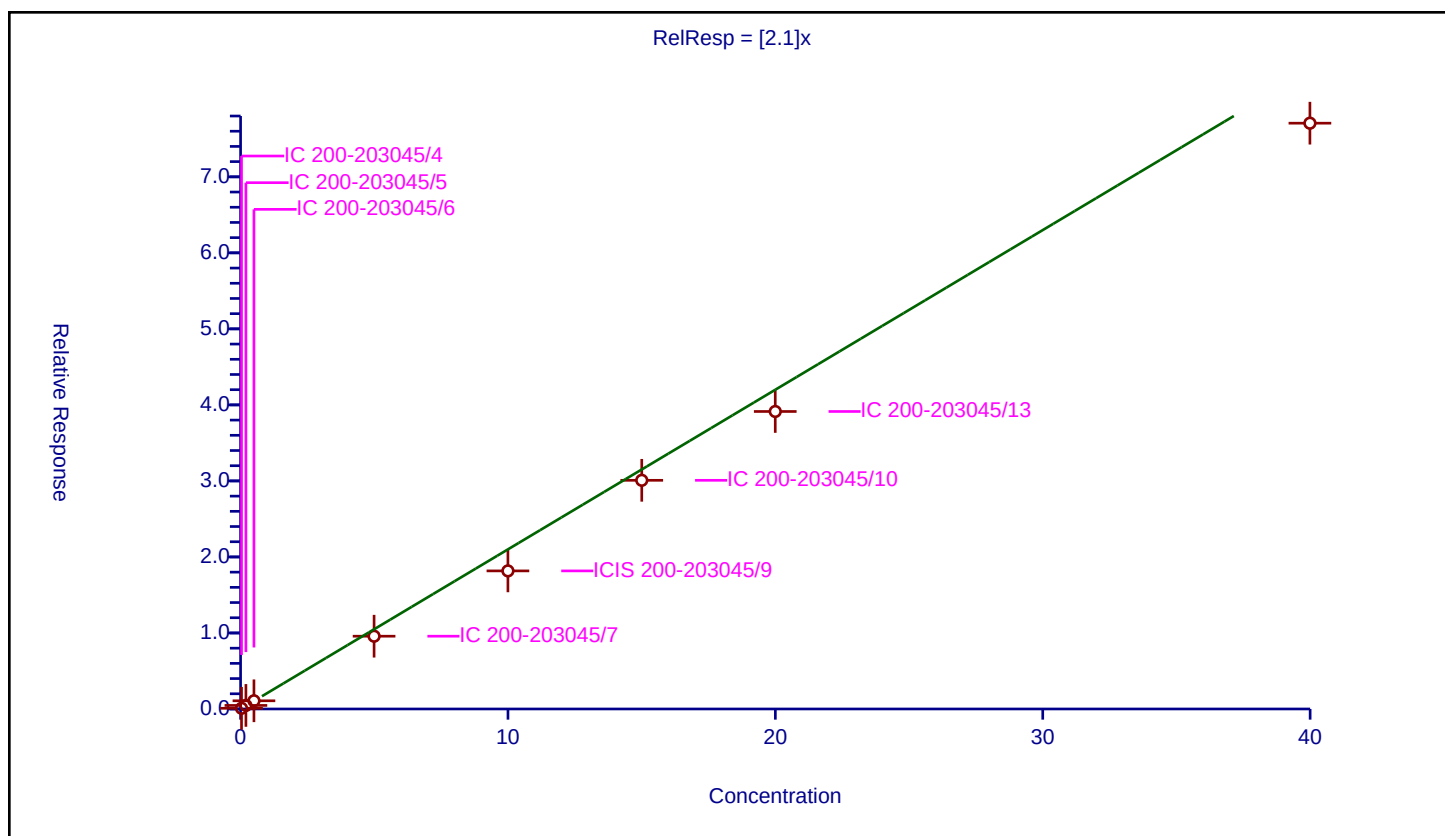
Curve Coefficients

Intercept: 0
 Slope: 2.1

Error Coefficients

Relative Standard Deviation: 13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.094453	10.0	187925.0	2.692725	Y
2	IC 200-203045/5	0.20044	0.467105	10.0	184327.0	2.3304	Y
3	IC 200-203045/6	0.500453	1.077126	10.0	175467.0	2.152303	Y
4	IC 200-203045/7	4.992563	9.573242	10.0	173541.0	1.917501	Y
5	ICIS 200-203045/9	9.99806	18.164722	10.0	182076.0	1.816825	Y
6	IC 200-203045/10	15.003557	30.081017	10.0	184529.0	2.004926	Y
7	IC 200-203045/13	19.99612	39.134333	10.0	189403.0	1.957096	Y
8	IC 200-203045/14	39.99224	77.055832	10.0	192523.0	1.92677	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

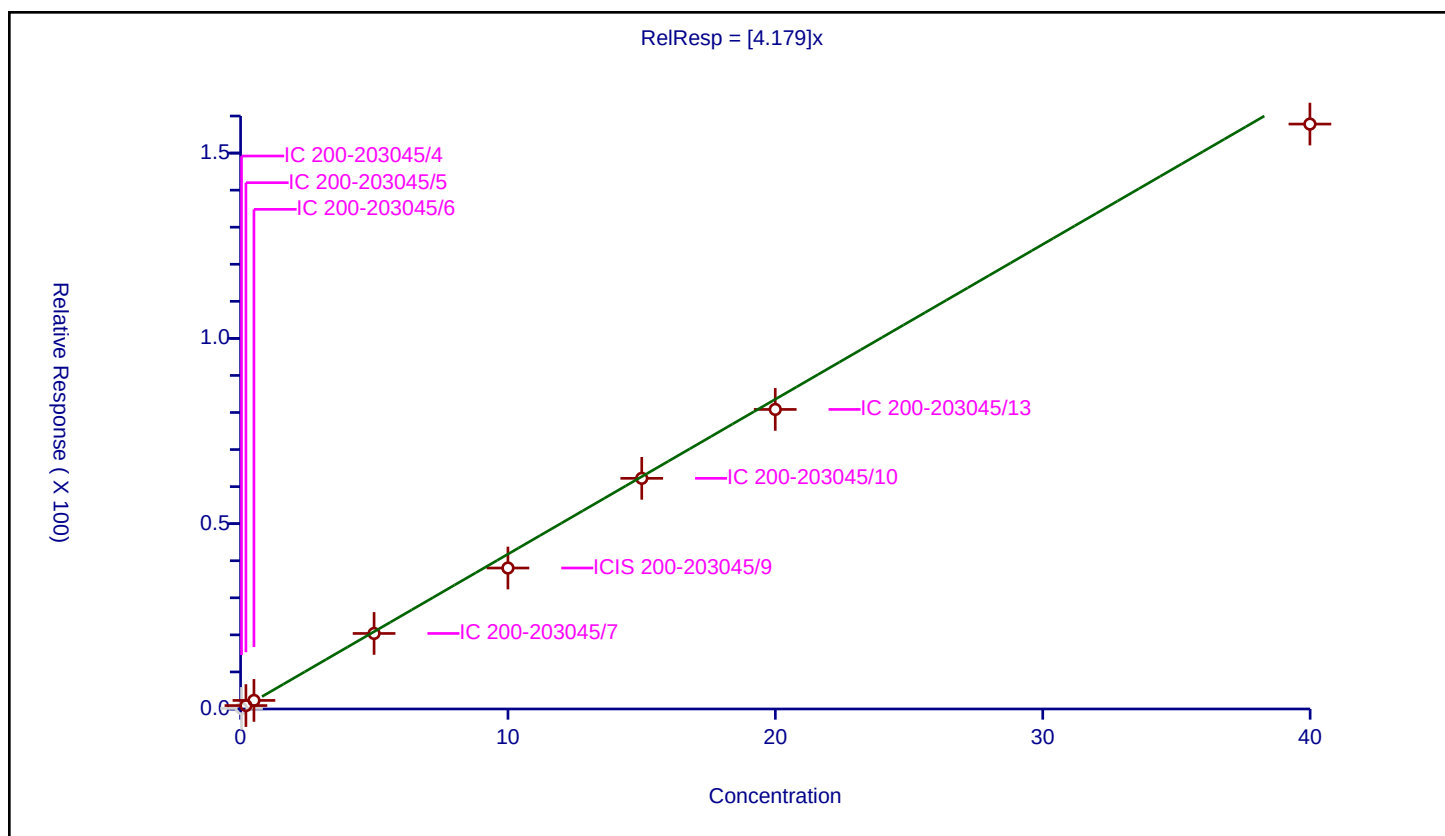
Curve Coefficients

Intercept: 0
Slope: 4.179

Error Coefficients

Relative Standard Deviation: 7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.15586	10.0	187925.0	4.443376	N
2	IC 200-203045/5	0.20044	0.924444	10.0	184327.0	4.612081	Y
3	IC 200-203045/6	0.500453	2.310064	10.0	175467.0	4.61595	Y
4	IC 200-203045/7	4.992563	20.379968	10.0	173541.0	4.082065	Y
5	ICIS 200-203045/9	9.99806	38.040873	10.0	182076.0	3.804825	Y
6	IC 200-203045/10	15.003557	62.237209	10.0	184529.0	4.148164	Y
7	IC 200-203045/13	19.99612	80.828498	10.0	189403.0	4.042209	Y
8	IC 200-203045/14	39.99224	157.828311	10.0	192523.0	3.946473	Y



Calibration

/ Acetone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

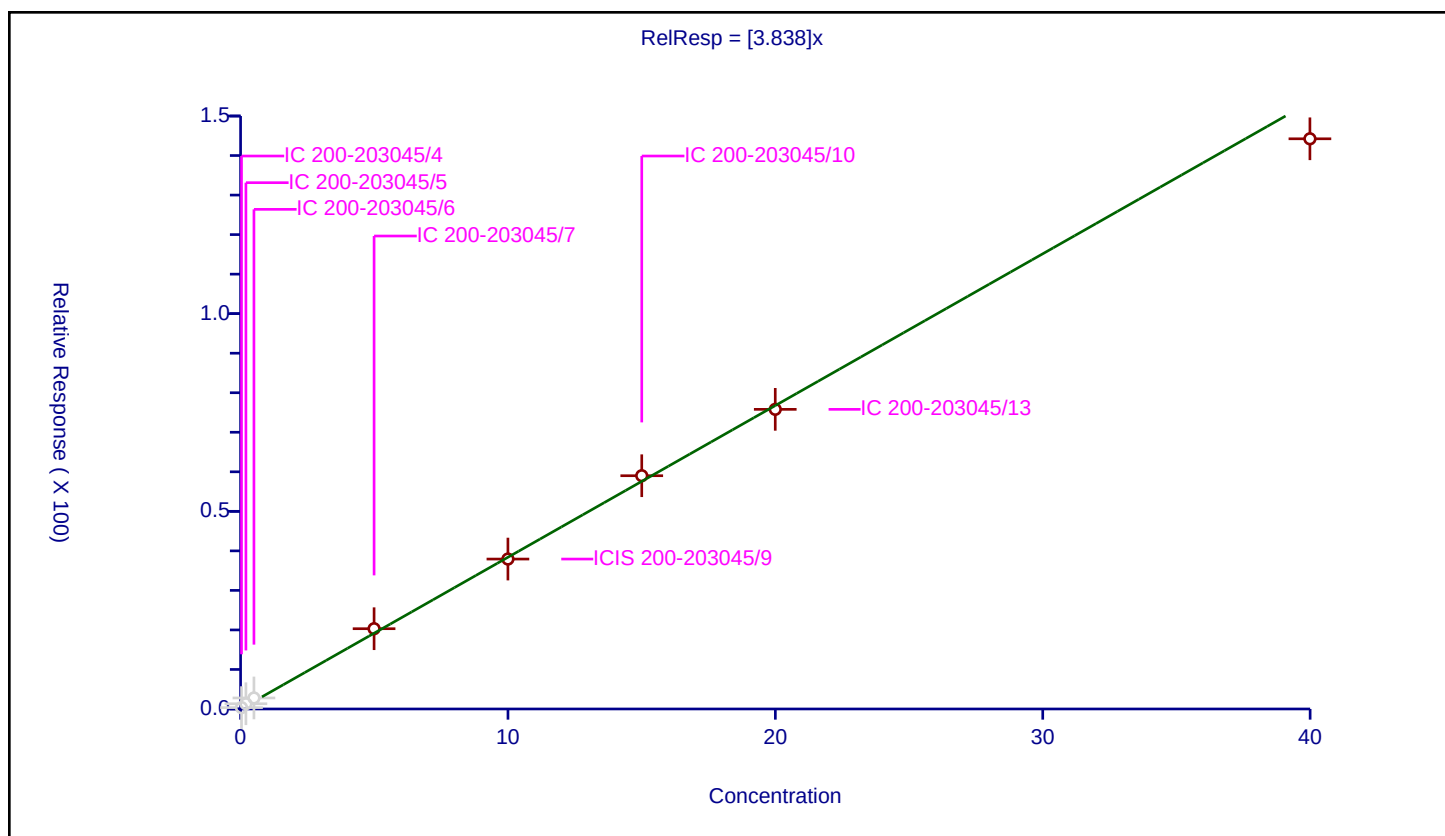
Curve Coefficients

Intercept: 0
Slope: 3.838

Error Coefficients

Relative Standard Deviation: 4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.344127	10.0	187925.0	9.810623	N
2	IC 200-203045/5	0.20044	1.326122	10.0	184327.0	6.616063	N
3	IC 200-203045/6	0.500453	2.787647	10.0	175467.0	5.570251	N
4	IC 200-203045/7	4.992563	20.307824	10.0	173541.0	4.067615	Y
5	ICIS 200-203045/9	9.99806	37.924493	10.0	182076.0	3.793185	Y
6	IC 200-203045/10	15.003557	59.00899	10.0	184529.0	3.933	Y
7	IC 200-203045/13	19.99612	75.794998	10.0	189403.0	3.790485	Y
8	IC 200-203045/14	39.99224	144.237104	10.0	192523.0	3.606627	Y



Calibration

/ Isopropyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

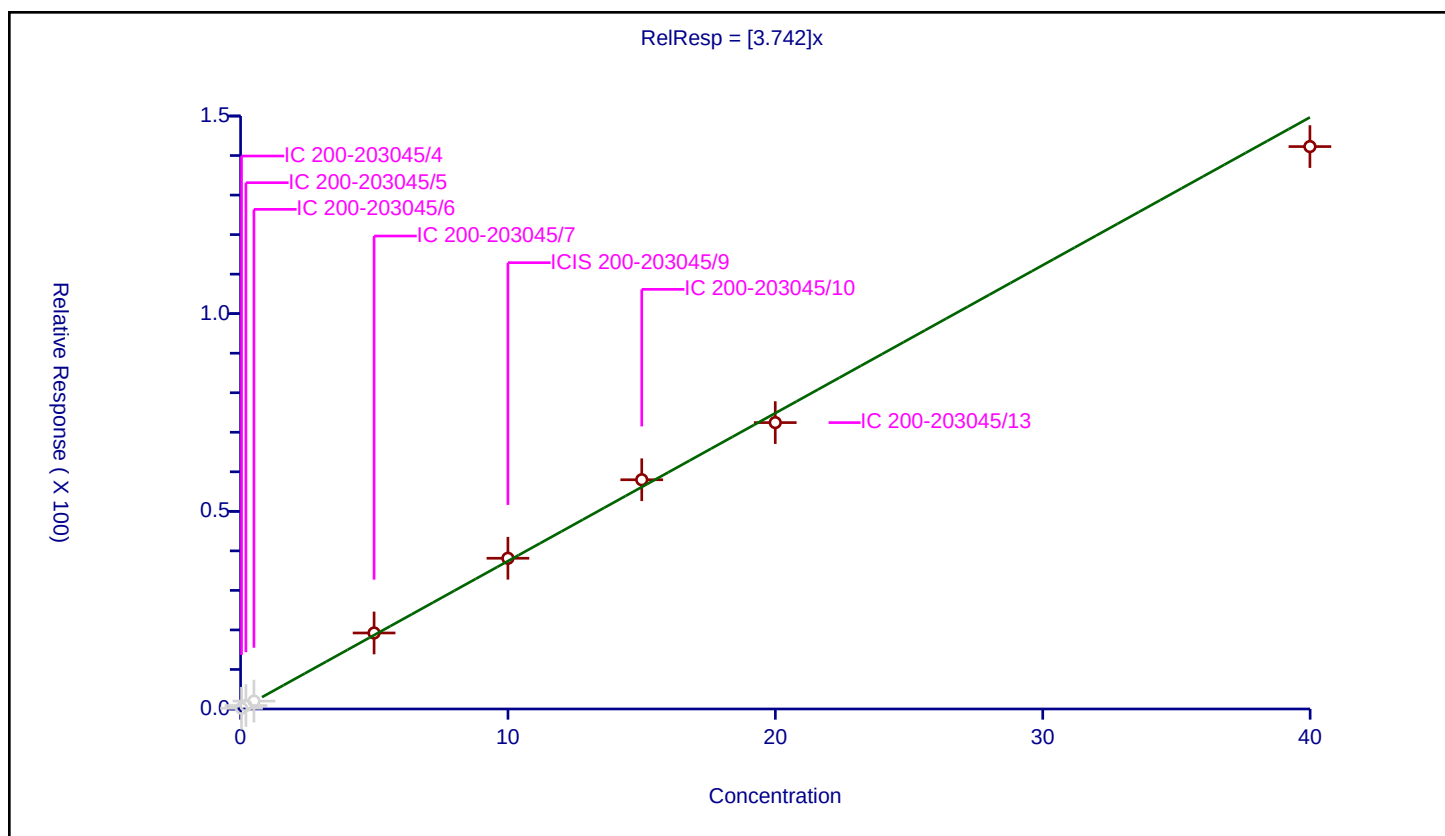
Curve Coefficients

Intercept: 0
Slope: 3.742

Error Coefficients

Relative Standard Deviation: 3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.185287	10.0	187925.0	5.282293	N
2	IC 200-203045/5	0.20044	0.872363	10.0	184327.0	4.352246	N
3	IC 200-203045/6	0.500453	1.999863	10.0	175467.0	3.996109	N
4	IC 200-203045/7	4.992563	19.231478	10.0	173541.0	3.852025	Y
5	ICIS 200-203045/9	9.99806	38.129298	10.0	182076.0	3.81367	Y
6	IC 200-203045/10	15.003557	57.990235	10.0	184529.0	3.865099	Y
7	IC 200-203045/13	19.99612	72.448113	10.0	189403.0	3.623109	Y
8	IC 200-203045/14	39.99224	142.271001	10.0	192523.0	3.557465	Y



Calibration

/ Carbon disulfide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

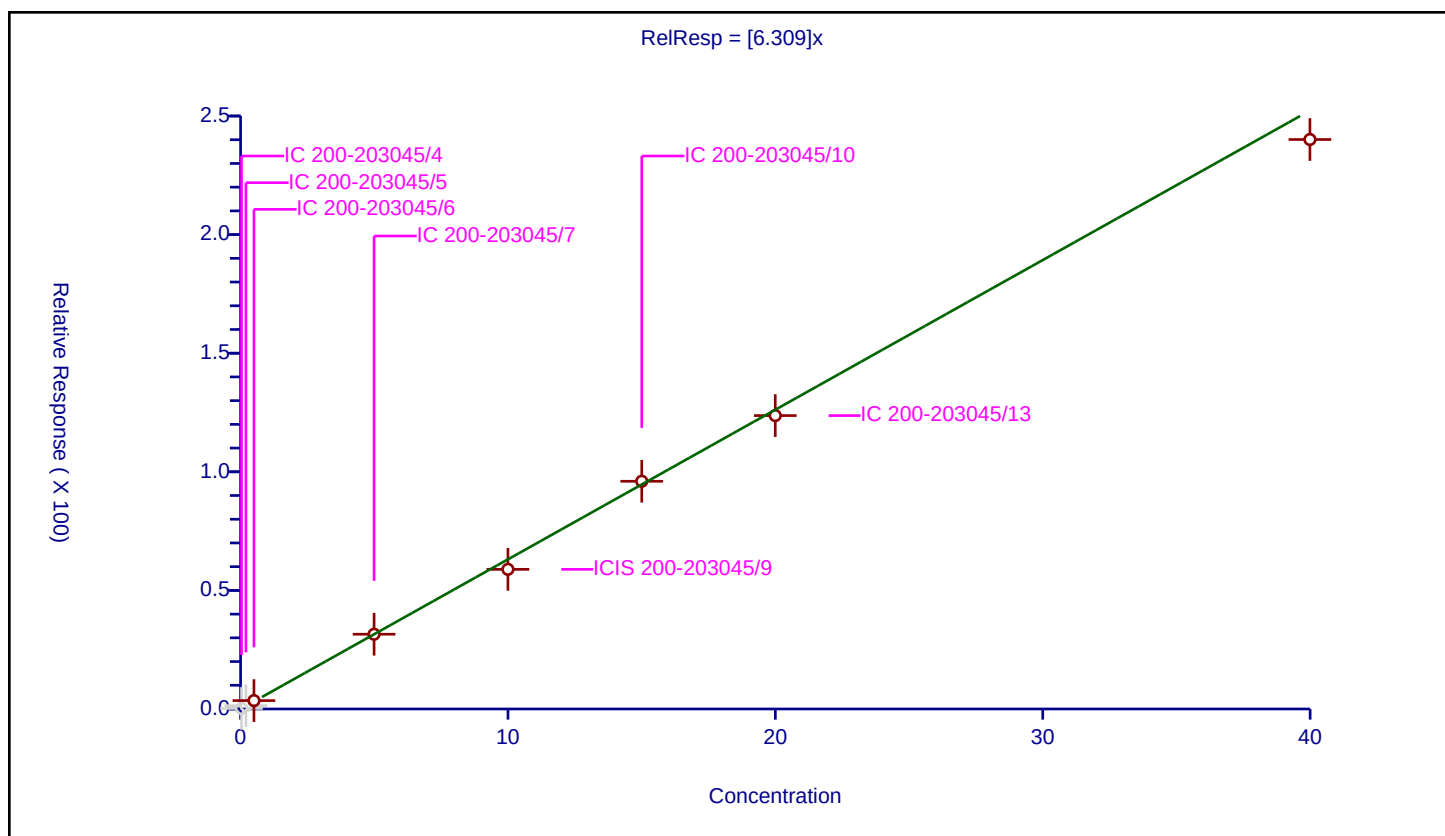
Curve Coefficients

Intercept: 0
Slope: 6.309

Error Coefficients

Relative Standard Deviation: 6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.242437	10.0	187925.0	6.911582	N
2	IC 200-203045/5	0.20044	1.424262	10.0	184327.0	7.105691	N
3	IC 200-203045/6	0.500453	3.534739	10.0	175467.0	7.063084	Y
4	IC 200-203045/7	4.992563	31.517624	10.0	173541.0	6.312915	Y
5	ICIS 200-203045/9	9.99806	58.873602	10.0	182076.0	5.888503	Y
6	IC 200-203045/10	15.003557	96.010654	10.0	184529.0	6.399193	Y
7	IC 200-203045/13	19.99612	123.696457	10.0	189403.0	6.186023	Y
8	IC 200-203045/14	39.99224	240.097599	10.0	192523.0	6.003605	Y



Calibration

/ Acetonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

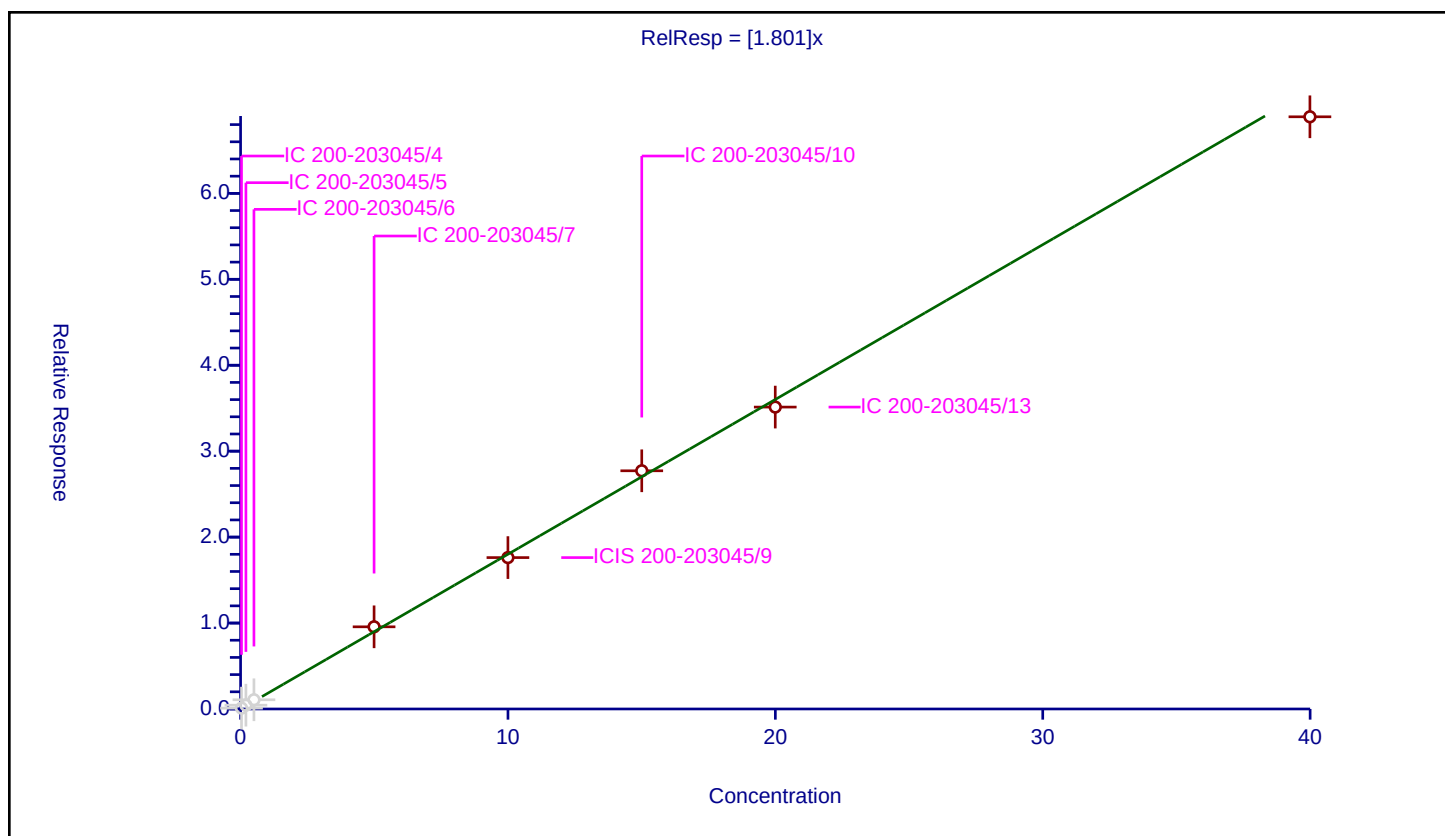
Curve Coefficients

Intercept: 0
Slope: 1.801

Error Coefficients

Relative Standard Deviation: 4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.100466	10.0	187925.0	2.86415	N
2	IC 200-203045/5	0.20044	0.44356	10.0	184327.0	2.212933	N
3	IC 200-203045/6	0.500453	1.072338	10.0	175467.0	2.142737	N
4	IC 200-203045/7	4.992563	9.562178	10.0	173541.0	1.915285	Y
5	ICIS 200-203045/9	9.99806	17.61605	10.0	182076.0	1.761947	Y
6	IC 200-203045/10	15.003557	27.717974	10.0	184529.0	1.847427	Y
7	IC 200-203045/13	19.99612	35.131914	10.0	189403.0	1.756937	Y
8	IC 200-203045/14	39.99224	68.909429	10.0	192523.0	1.72307	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

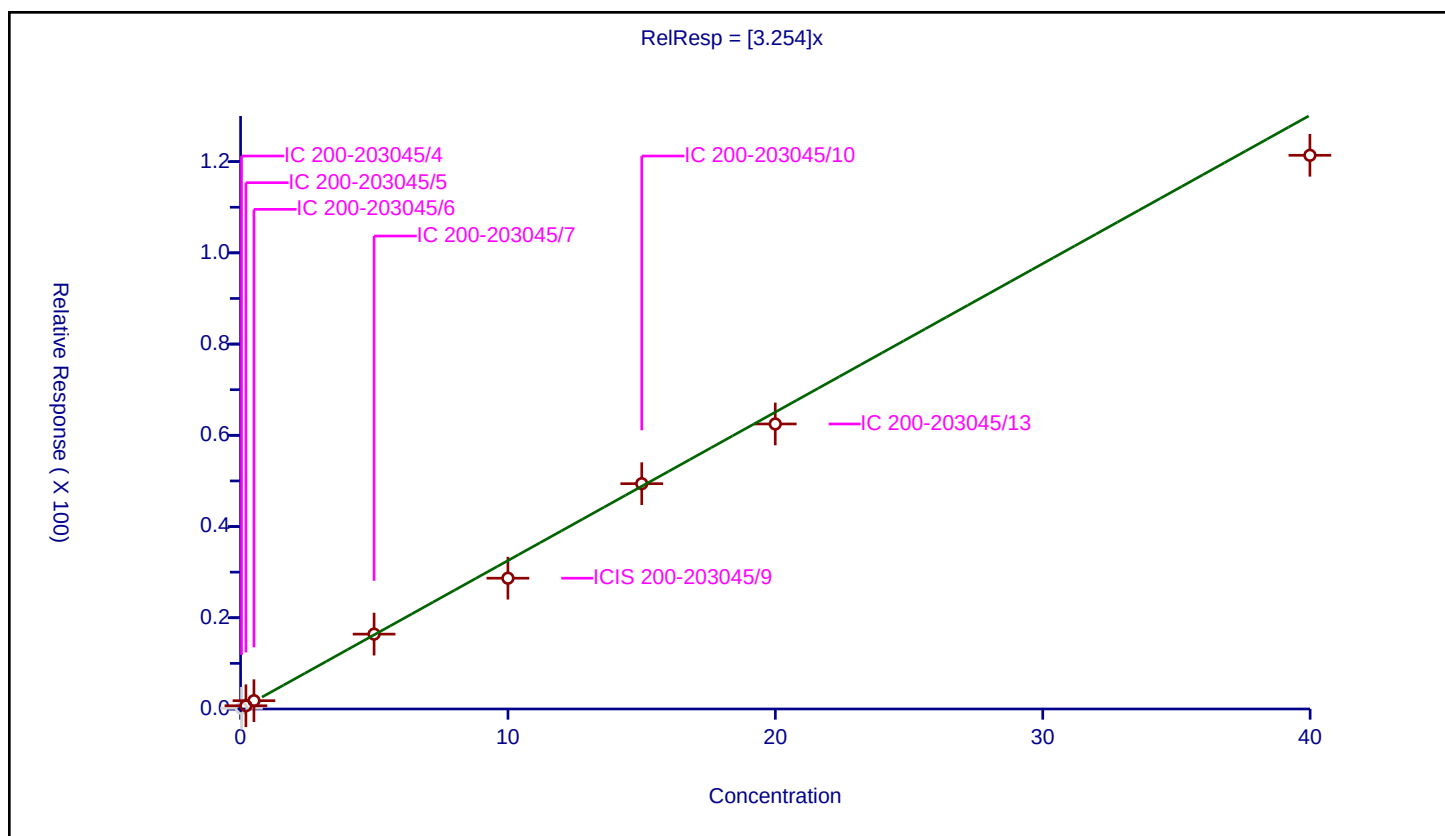
Curve Coefficients

Intercept: 0
Slope: 3.254

Error Coefficients

Relative Standard Deviation: 8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.160383	10.0	187925.0	4.572324	N
2	IC 200-203045/5	0.20044	0.709283	10.0	184327.0	3.538636	Y
3	IC 200-203045/6	0.500453	1.818348	10.0	175467.0	3.633406	Y
4	IC 200-203045/7	4.992563	16.415141	10.0	173541.0	3.287919	Y
5	ICIS 200-203045/9	9.99806	28.675278	10.0	182076.0	2.868084	Y
6	IC 200-203045/10	15.003557	49.398794	10.0	184529.0	3.292472	Y
7	IC 200-203045/13	19.99612	62.486655	10.0	189403.0	3.124939	Y
8	IC 200-203045/14	39.99224	121.390899	10.0	192523.0	3.035361	Y



Calibration

/ Methylene Chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

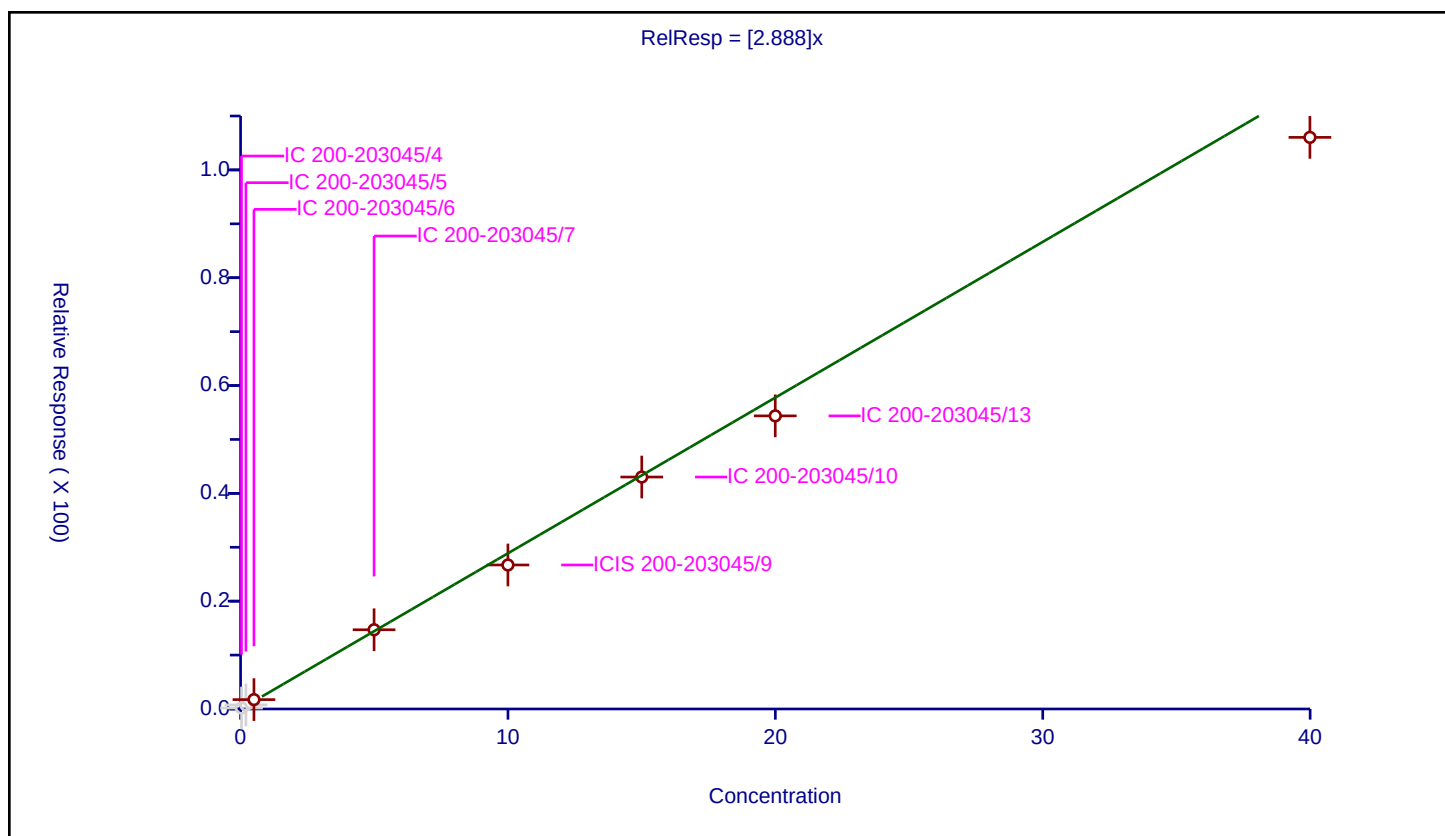
Curve Coefficients

Intercept: 0
Slope: 2.888

Error Coefficients

Relative Standard Deviation: 10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.182466	10.0	187925.0	5.20189	N
2	IC 200-203045/5	0.20044	0.757295	10.0	184327.0	3.778172	N
3	IC 200-203045/6	0.500453	1.73913	10.0	175467.0	3.475115	Y
4	IC 200-203045/7	4.992563	14.700042	10.0	173541.0	2.944388	Y
5	ICIS 200-203045/9	9.99806	26.713845	10.0	182076.0	2.671903	Y
6	IC 200-203045/10	15.003557	43.031231	10.0	184529.0	2.868069	Y
7	IC 200-203045/13	19.99612	54.373162	10.0	189403.0	2.719186	Y
8	IC 200-203045/14	39.99224	106.038707	10.0	192523.0	2.651482	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

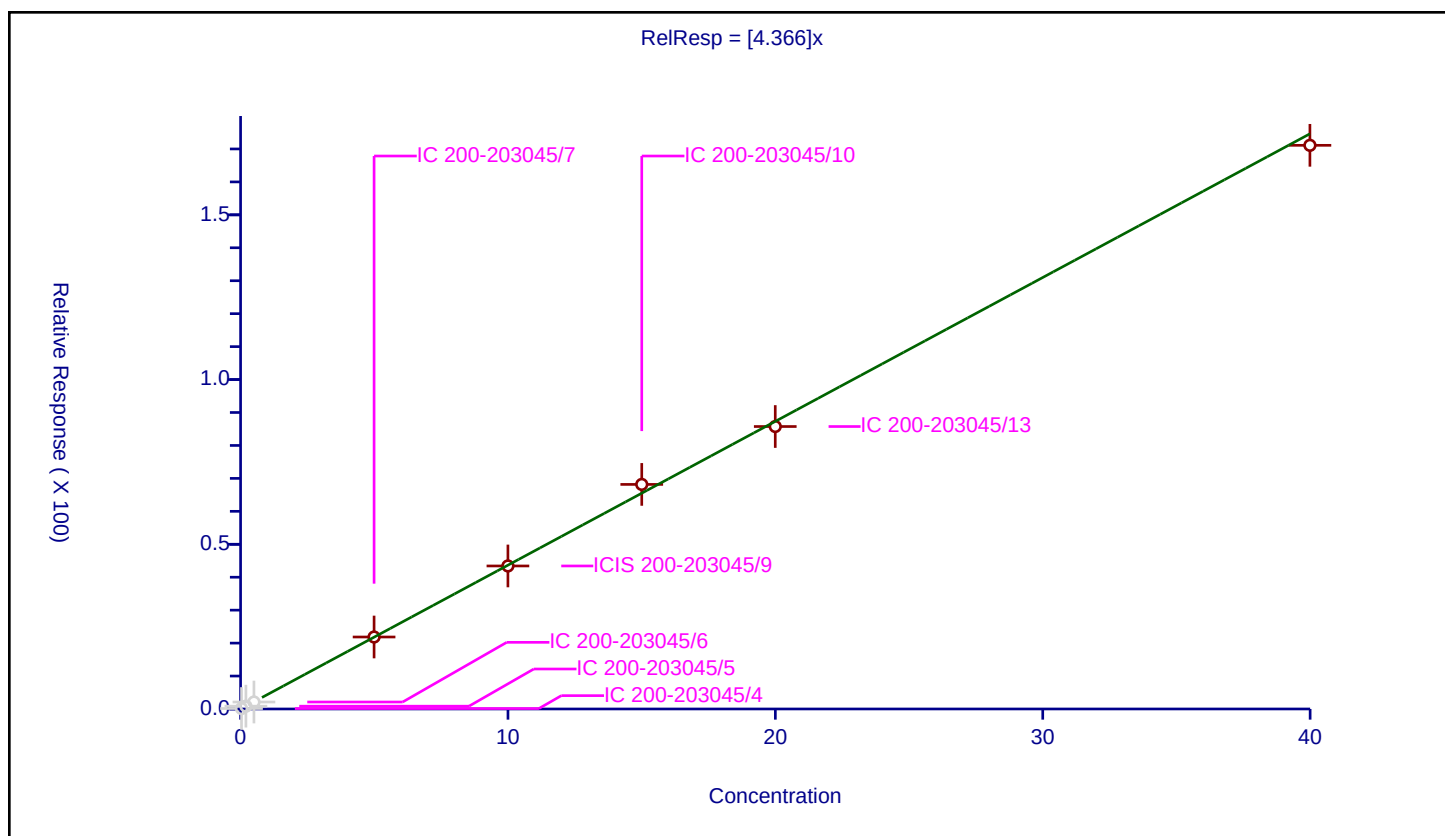
Curve Coefficients

Intercept: 0
Slope: 4.366

Error Coefficients

Relative Standard Deviation: 2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.143302	10.0	187925.0	4.085358	N
2	IC 200-203045/5	0.20044	0.855436	10.0	184327.0	4.267799	N
3	IC 200-203045/6	0.500453	2.115611	10.0	175467.0	4.227396	N
4	IC 200-203045/7	4.992563	21.851436	10.0	173541.0	4.376797	Y
5	ICIS 200-203045/9	9.99806	43.420055	10.0	182076.0	4.342848	Y
6	IC 200-203045/10	15.003557	68.167226	10.0	184529.0	4.543404	Y
7	IC 200-203045/13	19.99612	85.745949	10.0	189403.0	4.288129	Y
8	IC 200-203045/14	39.99224	171.102466	10.0	192523.0	4.278392	Y



Calibration

/ Acrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

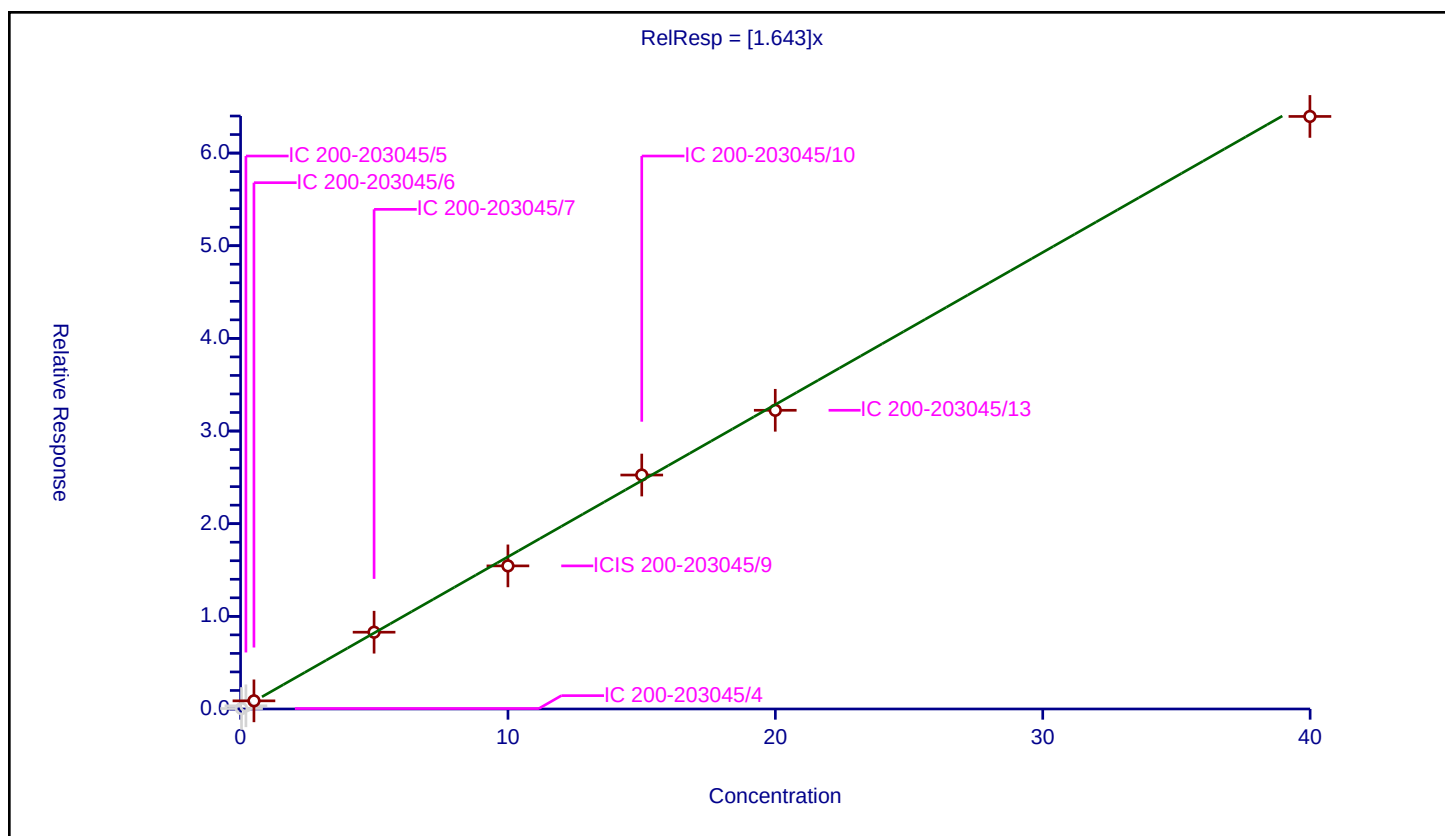
Curve Coefficients

Intercept: 0
Slope: 1.643

Error Coefficients

Relative Standard Deviation: 4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.050925	10.0	187925.0	1.451796	N
2	IC 200-203045/5	0.20044	0.343357	10.0	184327.0	1.71302	N
3	IC 200-203045/6	0.500453	0.879197	10.0	175467.0	1.756803	Y
4	IC 200-203045/7	4.992563	8.287091	10.0	173541.0	1.659887	Y
5	ICIS 200-203045/9	9.99806	15.446956	10.0	182076.0	1.544995	Y
6	IC 200-203045/10	15.003557	25.250665	10.0	184529.0	1.682979	Y
7	IC 200-203045/13	19.99612	32.239405	10.0	189403.0	1.612283	Y
8	IC 200-203045/14	39.99224	63.954852	10.0	192523.0	1.599182	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

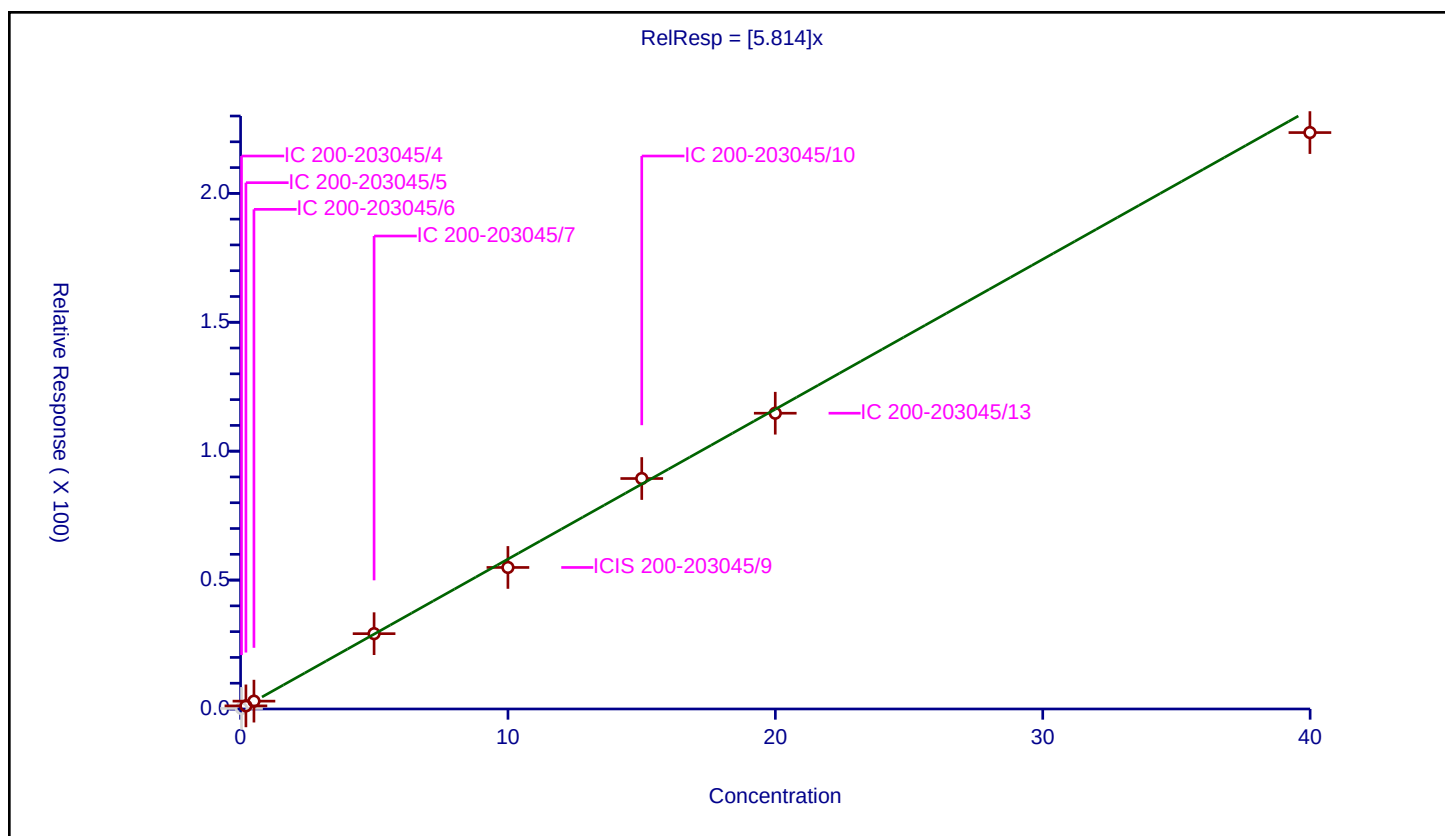
Curve Coefficients

Intercept: 0
Slope: 5.814

Error Coefficients

Relative Standard Deviation: 3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.217853	10.0	187925.0	6.210714	N
2	IC 200-203045/5	0.20044	1.200258	10.0	184327.0	5.988127	Y
3	IC 200-203045/6	0.500453	3.042851	10.0	175467.0	6.080199	Y
4	IC 200-203045/7	4.992563	29.217764	10.0	173541.0	5.852258	Y
5	ICIS 200-203045/9	9.99806	54.900866	10.0	182076.0	5.491152	Y
6	IC 200-203045/10	15.003557	89.393266	10.0	184529.0	5.958138	Y
7	IC 200-203045/13	19.99612	114.719989	10.0	189403.0	5.737112	Y
8	IC 200-203045/14	39.99224	223.578014	10.0	192523.0	5.590535	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

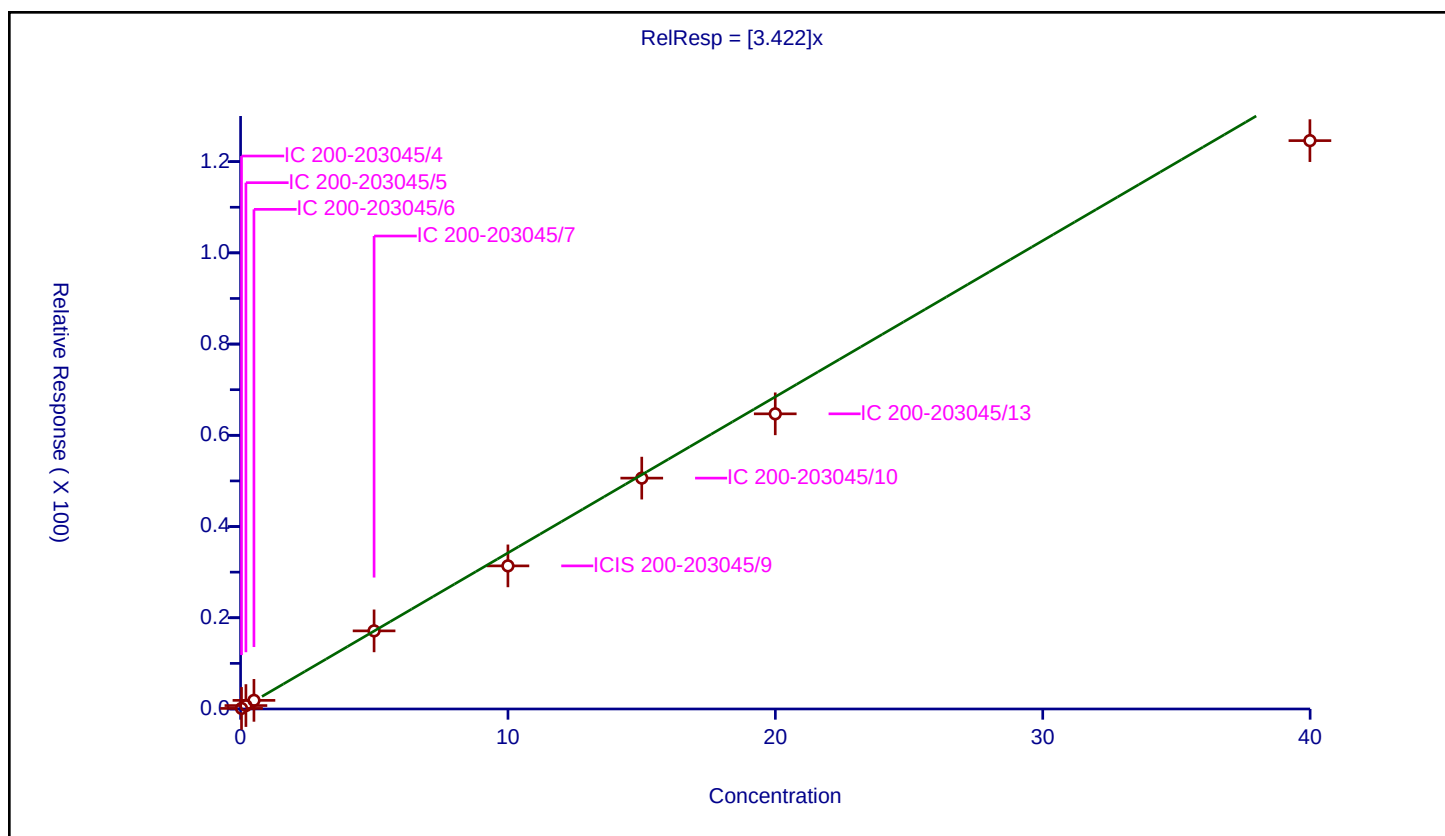
Curve Coefficients

Intercept: 0
Slope: 3.422

Error Coefficients

Relative Standard Deviation: 7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.124943	10.0	187925.0	3.561983	Y
2	IC 200-203045/5	0.20044	0.749483	10.0	184327.0	3.739196	Y
3	IC 200-203045/6	0.500453	1.89386	10.0	175467.0	3.784295	Y
4	IC 200-203045/7	4.992563	17.127941	10.0	173541.0	3.430691	Y
5	ICIS 200-203045/9	9.99806	31.37536	10.0	182076.0	3.138145	Y
6	IC 200-203045/10	15.003557	50.613941	10.0	184529.0	3.373463	Y
7	IC 200-203045/13	19.99612	64.710855	10.0	189403.0	3.236171	Y
8	IC 200-203045/14	39.99224	124.604021	10.0	192523.0	3.115705	Y



Calibration

/ Hexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

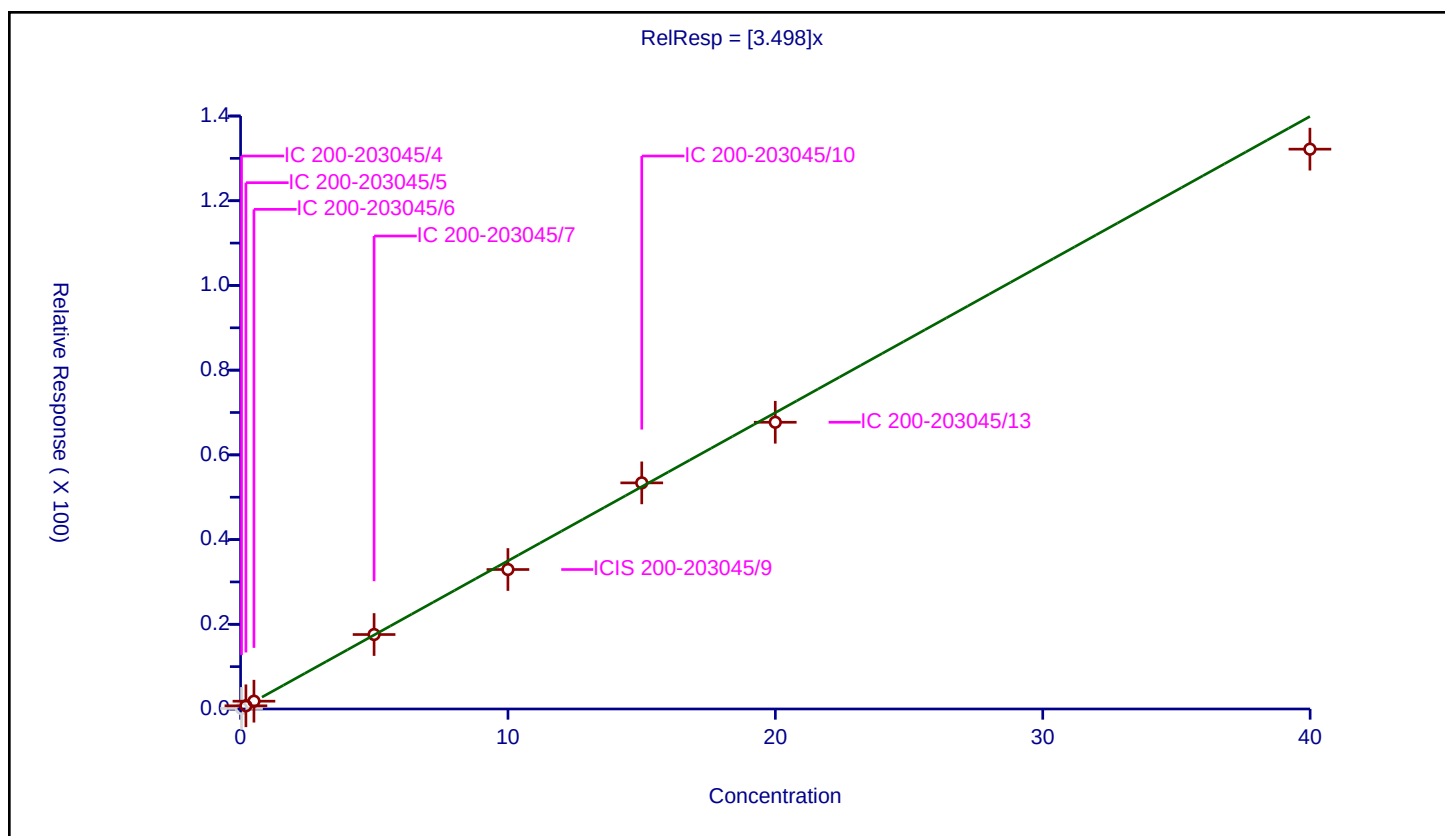
Curve Coefficients

Intercept: 0
Slope: 3.498

Error Coefficients

Relative Standard Deviation: 5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.127923	10.0	187925.0	3.646936	N
2	IC 200-203045/5	0.20044	0.749429	10.0	184327.0	3.738926	Y
3	IC 200-203045/6	0.500453	1.842797	10.0	175467.0	3.68226	Y
4	IC 200-203045/7	4.992563	17.581551	10.0	173541.0	3.521548	Y
5	ICIS 200-203045/9	9.99806	32.932567	10.0	182076.0	3.293896	Y
6	IC 200-203045/10	15.003557	53.387543	10.0	184529.0	3.558326	Y
7	IC 200-203045/13	19.99612	67.699033	10.0	189403.0	3.385609	Y
8	IC 200-203045/14	39.99224	132.173662	10.0	192523.0	3.304983	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

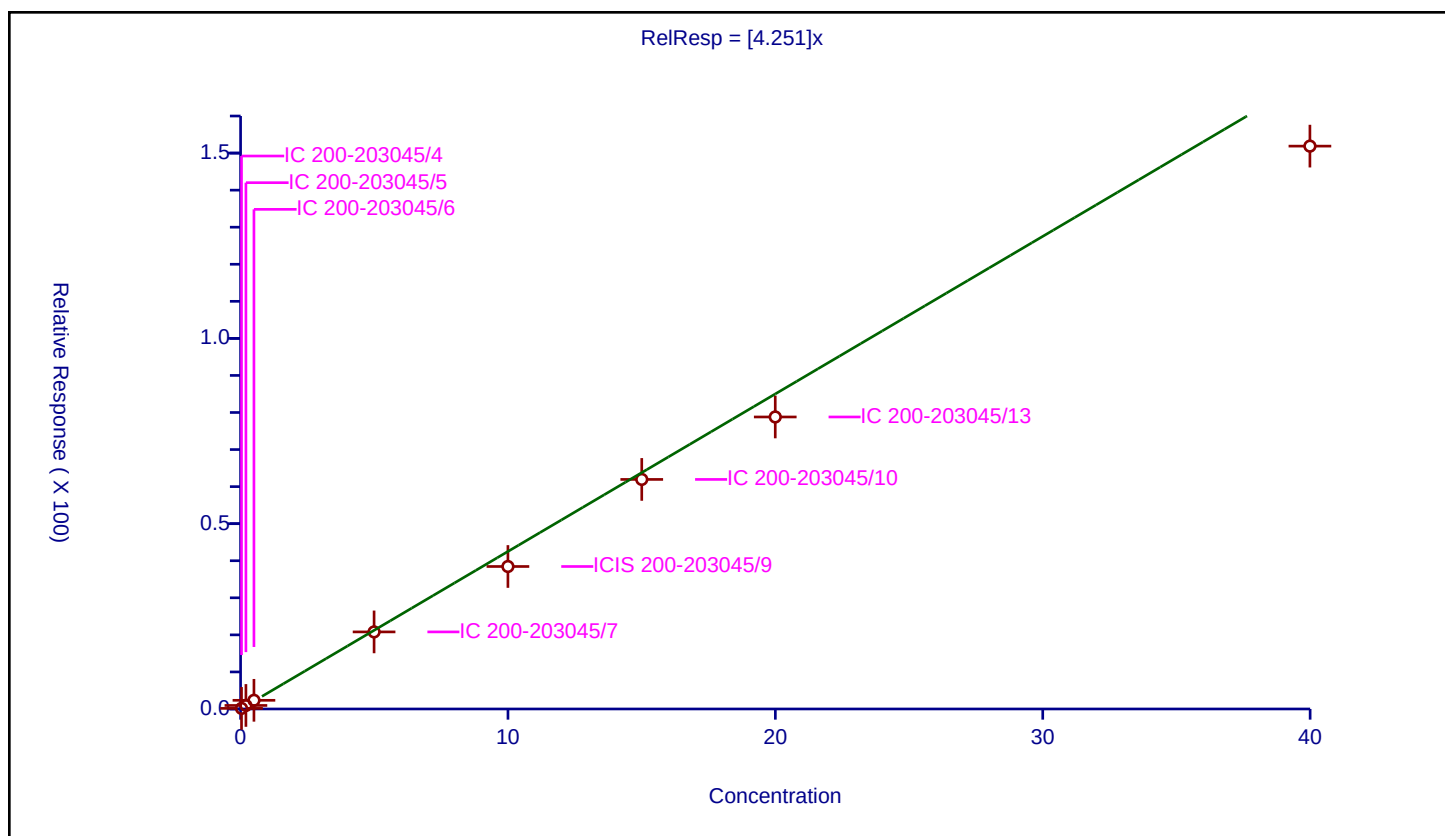
Curve Coefficients

Intercept: 0
Slope: 4.251

Error Coefficients

Relative Standard Deviation: 9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.165172	10.0	187925.0	4.708856	Y
2	IC 200-203045/5	0.20044	0.950051	10.0	184327.0	4.739834	Y
3	IC 200-203045/6	0.500453	2.341751	10.0	175467.0	4.679266	Y
4	IC 200-203045/7	4.992563	20.801079	10.0	173541.0	4.166413	Y
5	ICIS 200-203045/9	9.99806	38.445814	10.0	182076.0	3.845327	Y
6	IC 200-203045/10	15.003557	61.942947	10.0	184529.0	4.128551	Y
7	IC 200-203045/13	19.99612	78.79627	10.0	189403.0	3.940578	Y
8	IC 200-203045/14	39.99224	151.874893	10.0	192523.0	3.797609	Y



Calibration

/ Vinyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

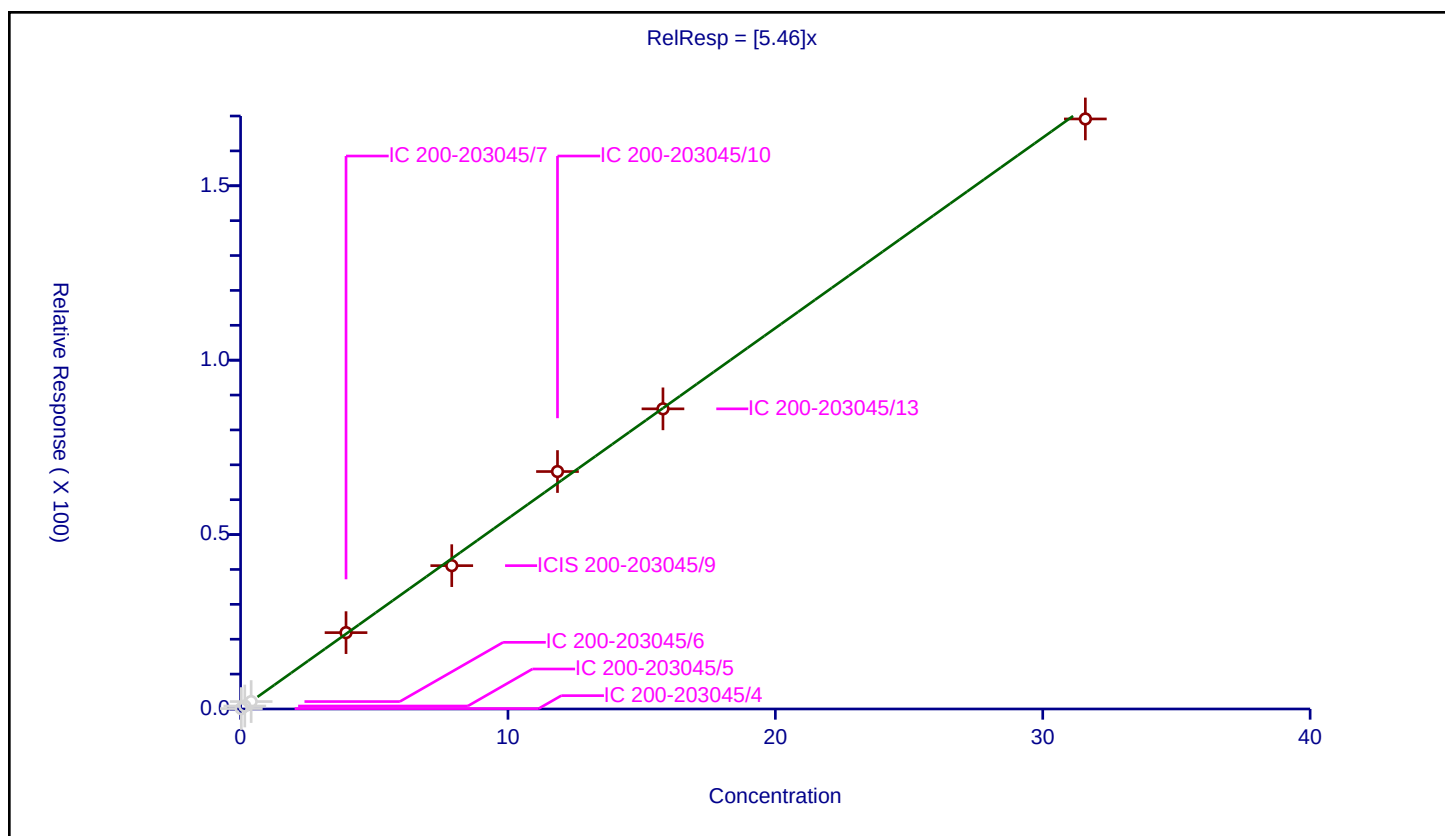
Curve Coefficients

Intercept: 0
Slope: 5.46

Error Coefficients

Relative Standard Deviation: 3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.027711	0.116749	10.0	187925.0	4.213114	N
2	IC 200-203045/5	0.158347	0.851747	10.0	184327.0	5.37898	N
3	IC 200-203045/6	0.395358	2.126668	10.0	175467.0	5.3791	N
4	IC 200-203045/7	3.944125	21.895114	10.0	173541.0	5.551324	Y
5	ICIS 200-203045/9	7.898467	41.095916	10.0	182076.0	5.203024	Y
6	IC 200-203045/10	11.85281	68.078188	10.0	184529.0	5.743633	Y
7	IC 200-203045/13	15.796935	86.048267	10.0	189403.0	5.44715	Y
8	IC 200-203045/14	31.593869	169.162438	10.0	192523.0	5.35428	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

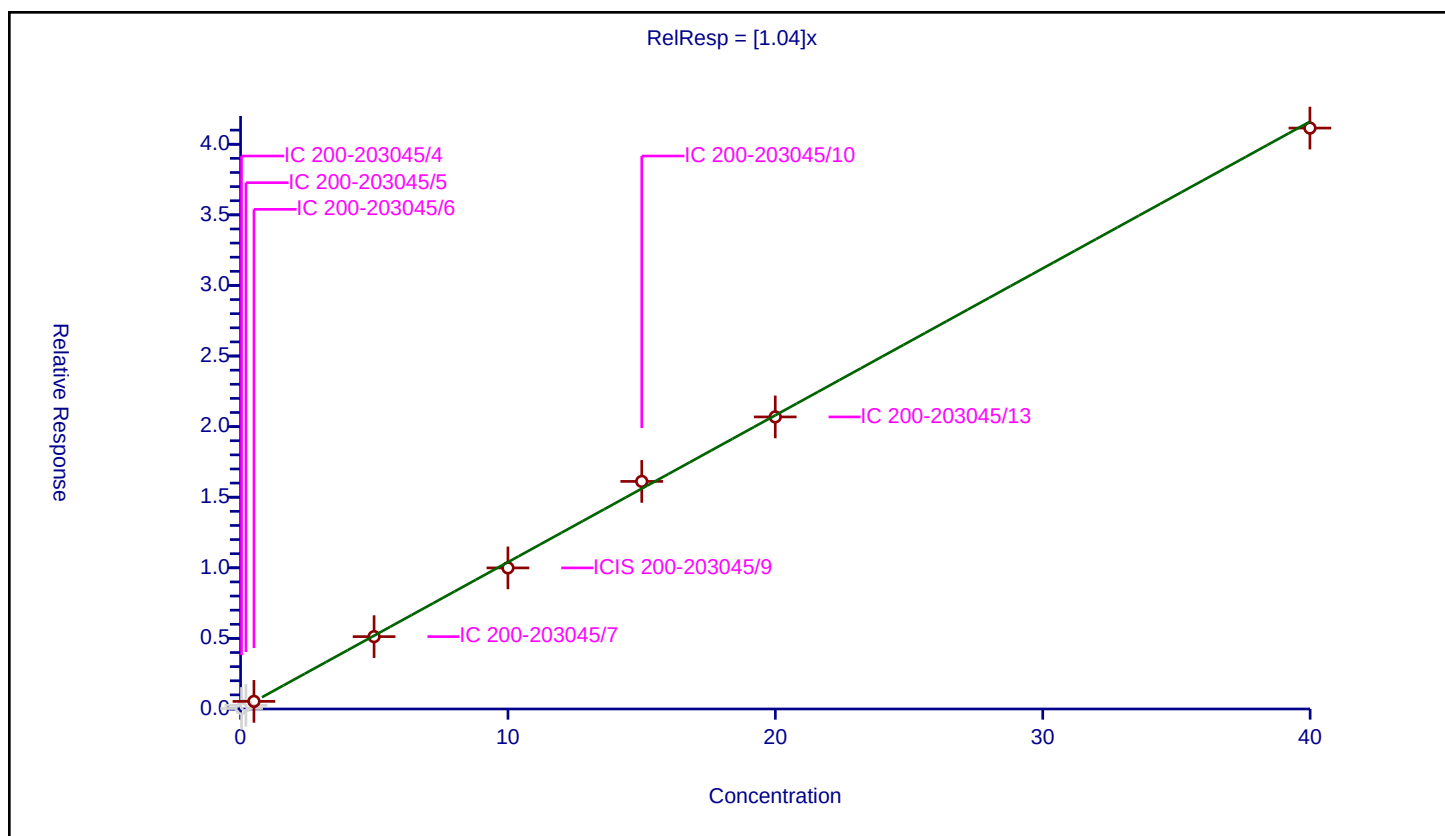
Curve Coefficients

Intercept: 0
 Slope: 1.04

Error Coefficients

Relative Standard Deviation: 2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.037675	10.0	187925.0	1.074056	N
2	IC 200-203045/5	0.20044	0.256935	10.0	184327.0	1.281855	N
3	IC 200-203045/6	0.500453	0.539247	10.0	175467.0	1.077518	Y
4	IC 200-203045/7	4.992563	5.124898	10.0	173541.0	1.026507	Y
5	ICIS 200-203045/9	9.99806	9.993135	10.0	182076.0	0.999507	Y
6	IC 200-203045/10	15.003557	16.120556	10.0	184529.0	1.074449	Y
7	IC 200-203045/13	19.99612	20.686209	10.0	189403.0	1.034511	Y
8	IC 200-203045/14	39.99224	41.146824	10.0	192523.0	1.02887	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

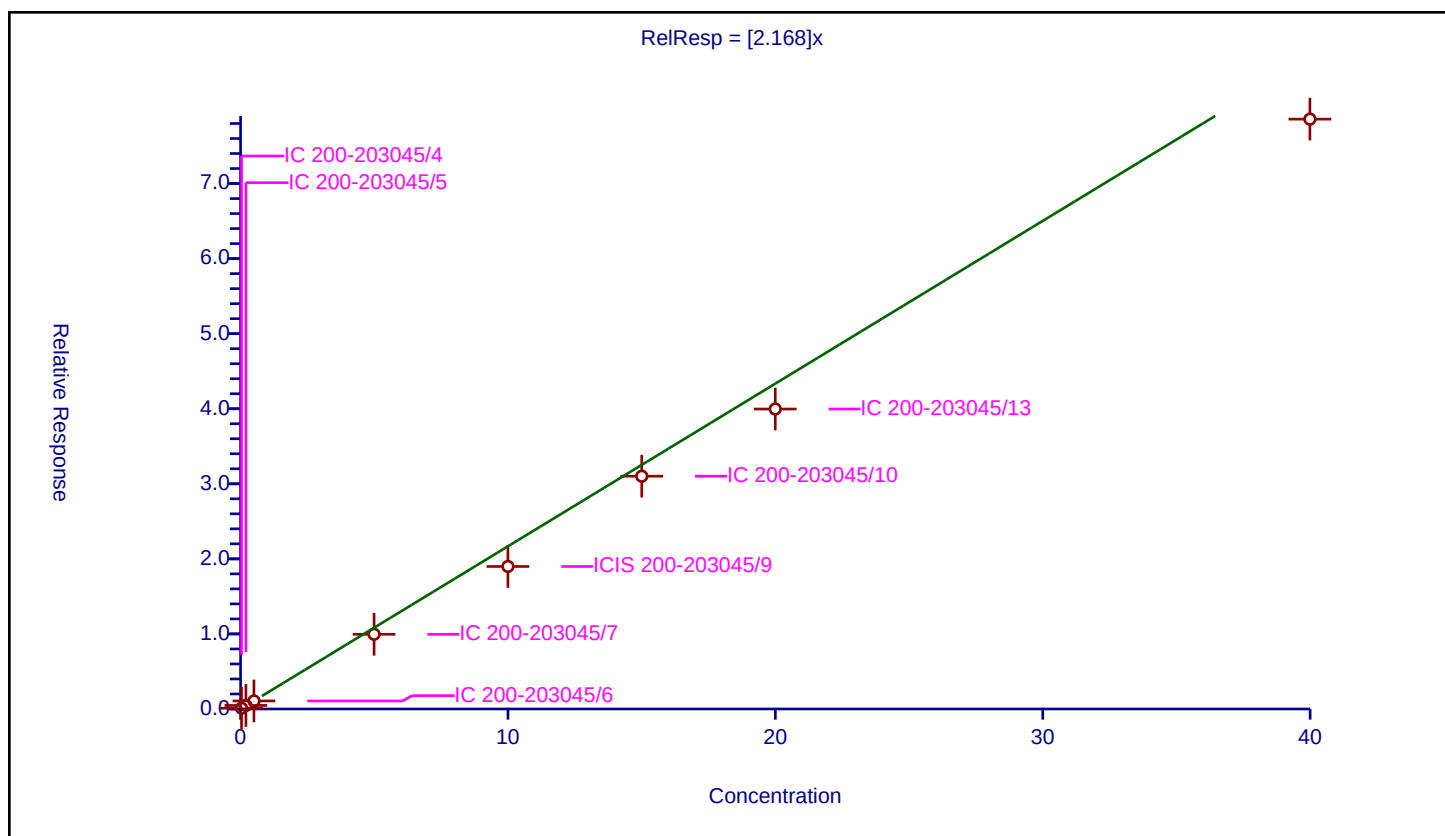
Curve Coefficients

Intercept: 0
Slope: 2.168

Error Coefficients

Relative Standard Deviation: 15.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.103073	10.0	187925.0	2.938484	Y
2	IC 200-203045/5	0.20044	0.469275	10.0	184327.0	2.341227	Y
3	IC 200-203045/6	0.500453	1.069546	10.0	175467.0	2.137157	Y
4	IC 200-203045/7	4.992563	9.953498	10.0	173541.0	1.993665	Y
5	ICIS 200-203045/9	9.99806	18.986632	10.0	182076.0	1.899032	Y
6	IC 200-203045/10	15.003557	31.013012	10.0	184529.0	2.067044	Y
7	IC 200-203045/13	19.99612	39.964309	10.0	189403.0	1.998603	Y
8	IC 200-203045/14	39.99224	78.585	10.0	192523.0	1.965006	Y



Calibration

/ Ethyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

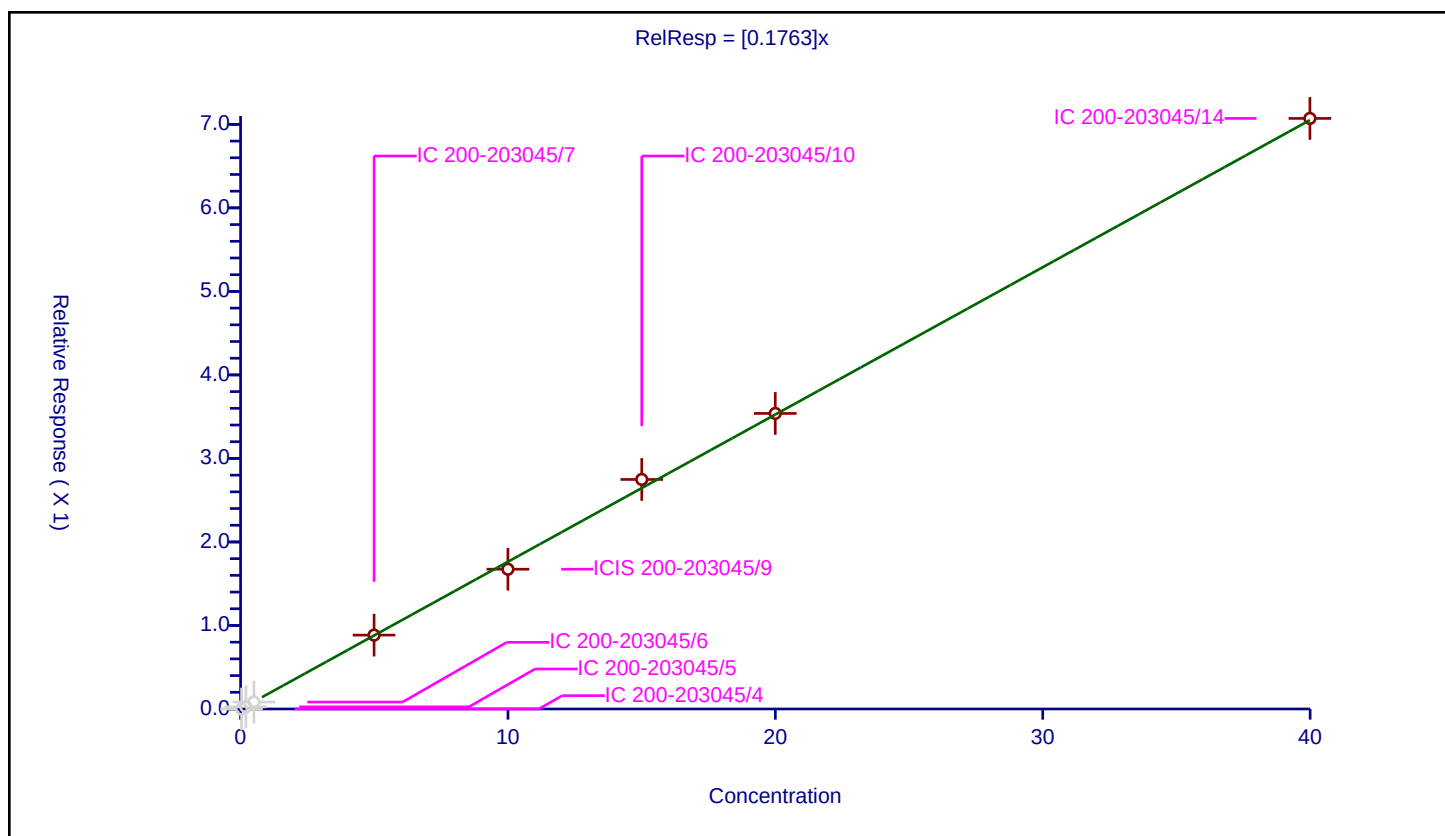
Curve Coefficients

Intercept: 0
Slope: 0.1763

Error Coefficients

Relative Standard Deviation: 3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.0	10.0	187925.0	0.0	N
2	IC 200-203045/5	0.20044	0.025552	10.0	184327.0	0.127482	N
3	IC 200-203045/6	0.500453	0.083093	10.0	175467.0	0.166035	N
4	IC 200-203045/7	4.992563	0.884575	10.0	173541.0	0.177179	Y
5	ICIS 200-203045/9	9.99806	1.673477	10.0	182076.0	0.16738	Y
6	IC 200-203045/10	15.003557	2.748186	10.0	184529.0	0.183169	Y
7	IC 200-203045/13	19.99612	3.539015	10.0	189403.0	0.176985	Y
8	IC 200-203045/14	39.99224	7.071207	10.0	192523.0	0.176814	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

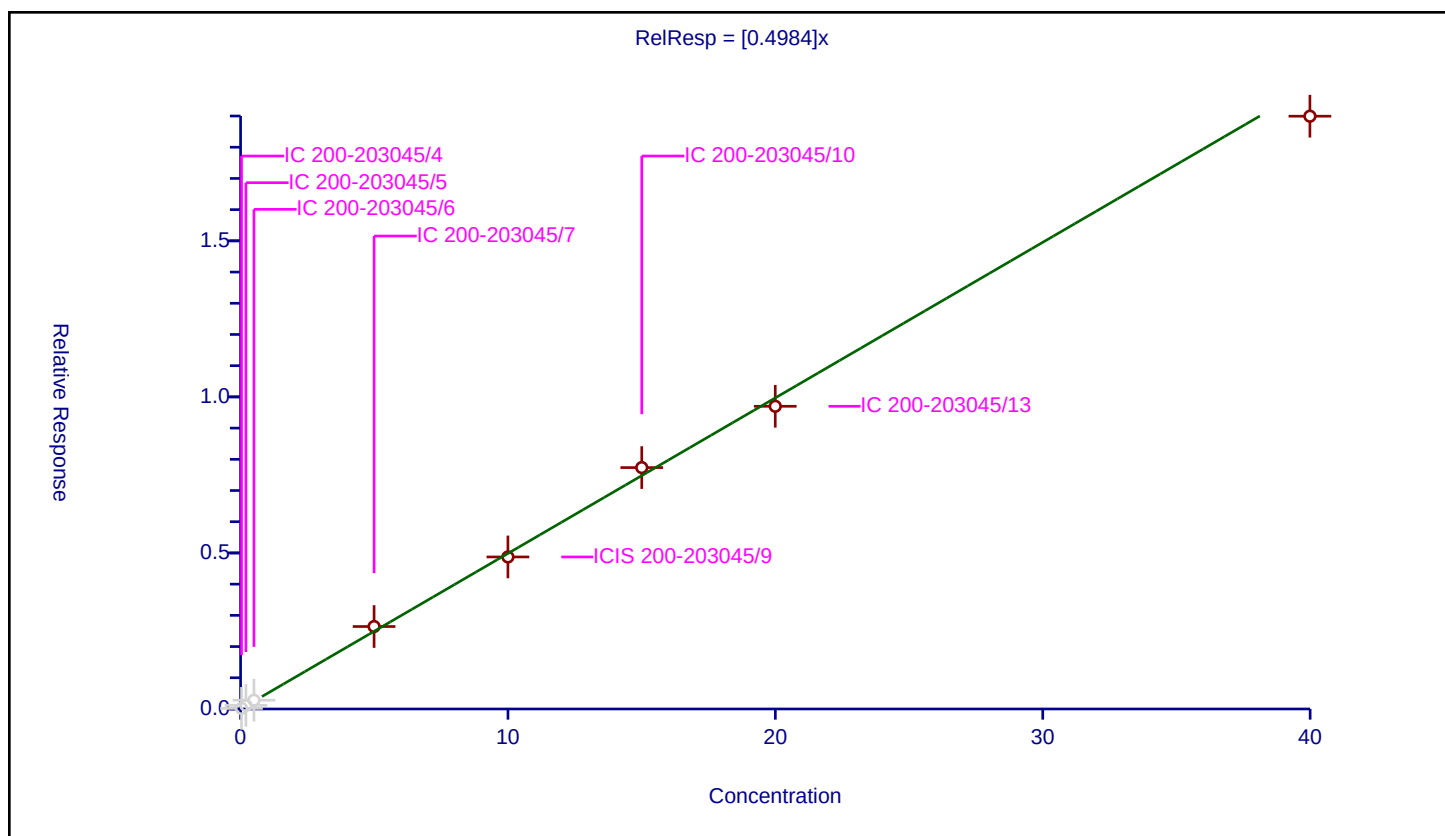
Curve Coefficients

Intercept: 0
Slope: 0.4984

Error Coefficients

Relative Standard Deviation: 4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.018944	10.0	971298.0	0.540062	N
2	IC 200-203045/5	0.20044	0.114884	10.0	952699.0	0.573161	N
3	IC 200-203045/6	0.500453	0.281569	10.0	902017.0	0.562629	N
4	IC 200-203045/7	4.992563	2.642705	10.0	889036.0	0.529328	Y
5	ICIS 200-203045/9	9.99806	4.871804	10.0	939580.0	0.487275	Y
6	IC 200-203045/10	15.003557	7.734967	10.0	954348.0	0.515542	Y
7	IC 200-203045/13	19.99612	9.698899	10.0	977679.0	0.485039	Y
8	IC 200-203045/14	39.99224	18.993952	10.0	994823.0	0.474941	Y



Calibration

/ Chloroform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

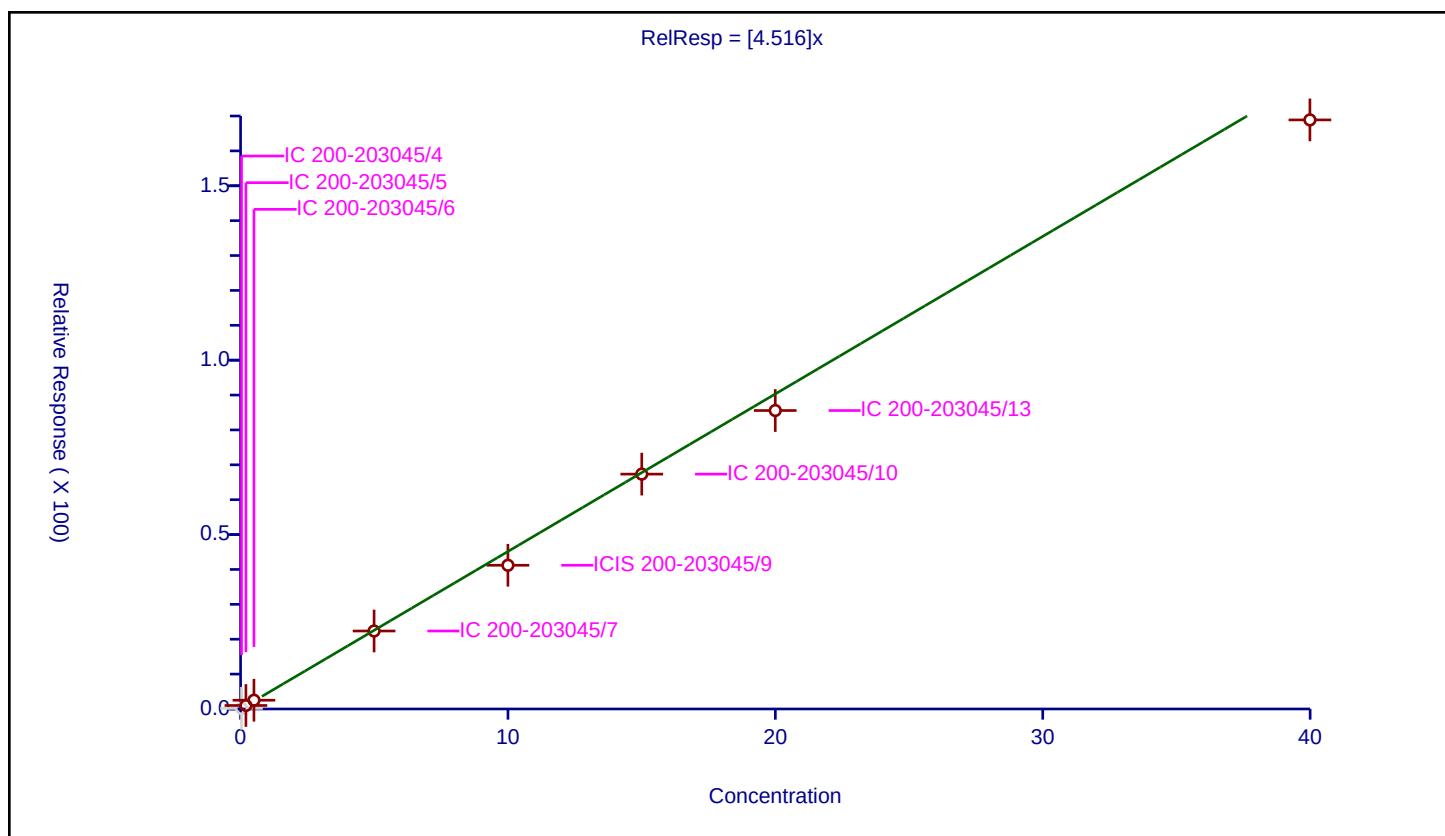
Curve Coefficients

Intercept: 0
Slope: 4.516

Error Coefficients

Relative Standard Deviation: 8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.173048	10.0	187925.0	4.933376	N
2	IC 200-203045/5	0.20044	1.00479	10.0	184327.0	5.012932	Y
3	IC 200-203045/6	0.500453	2.507594	10.0	175467.0	5.010653	Y
4	IC 200-203045/7	4.992563	22.358751	10.0	173541.0	4.478411	Y
5	ICIS 200-203045/9	9.99806	41.20609	10.0	182076.0	4.121409	Y
6	IC 200-203045/10	15.003557	67.335487	10.0	184529.0	4.487968	Y
7	IC 200-203045/13	19.99612	85.568708	10.0	189403.0	4.279266	Y
8	IC 200-203045/14	39.99224	168.884341	10.0	192523.0	4.222928	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

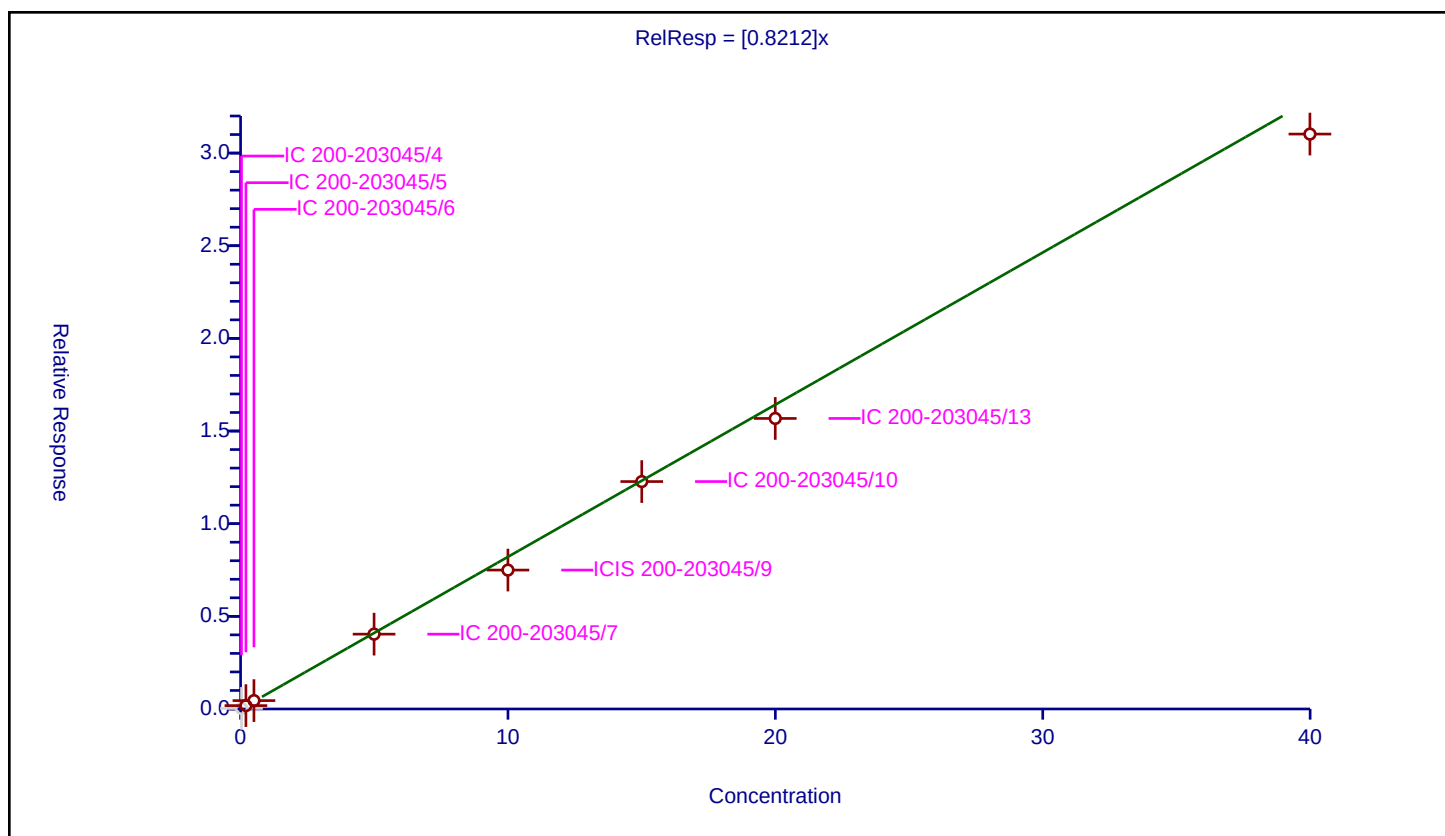
Curve Coefficients

Intercept: 0
Slope: 0.8212

Error Coefficients

Relative Standard Deviation: 7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.031267	10.0	971298.0	0.891396	N
2	IC 200-203045/5	0.20044	0.182062	10.0	952699.0	0.908312	Y
3	IC 200-203045/6	0.500453	0.451921	10.0	902017.0	0.903024	Y
4	IC 200-203045/7	4.992563	4.039319	10.0	889036.0	0.809067	Y
5	ICIS 200-203045/9	9.99806	7.496626	10.0	939580.0	0.749808	Y
6	IC 200-203045/10	15.003557	12.272683	10.0	954348.0	0.817985	Y
7	IC 200-203045/13	19.99612	15.67896	10.0	977679.0	0.7841	Y
8	IC 200-203045/14	39.99224	31.025841	10.0	994823.0	0.775797	Y



Calibration

/ Cyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

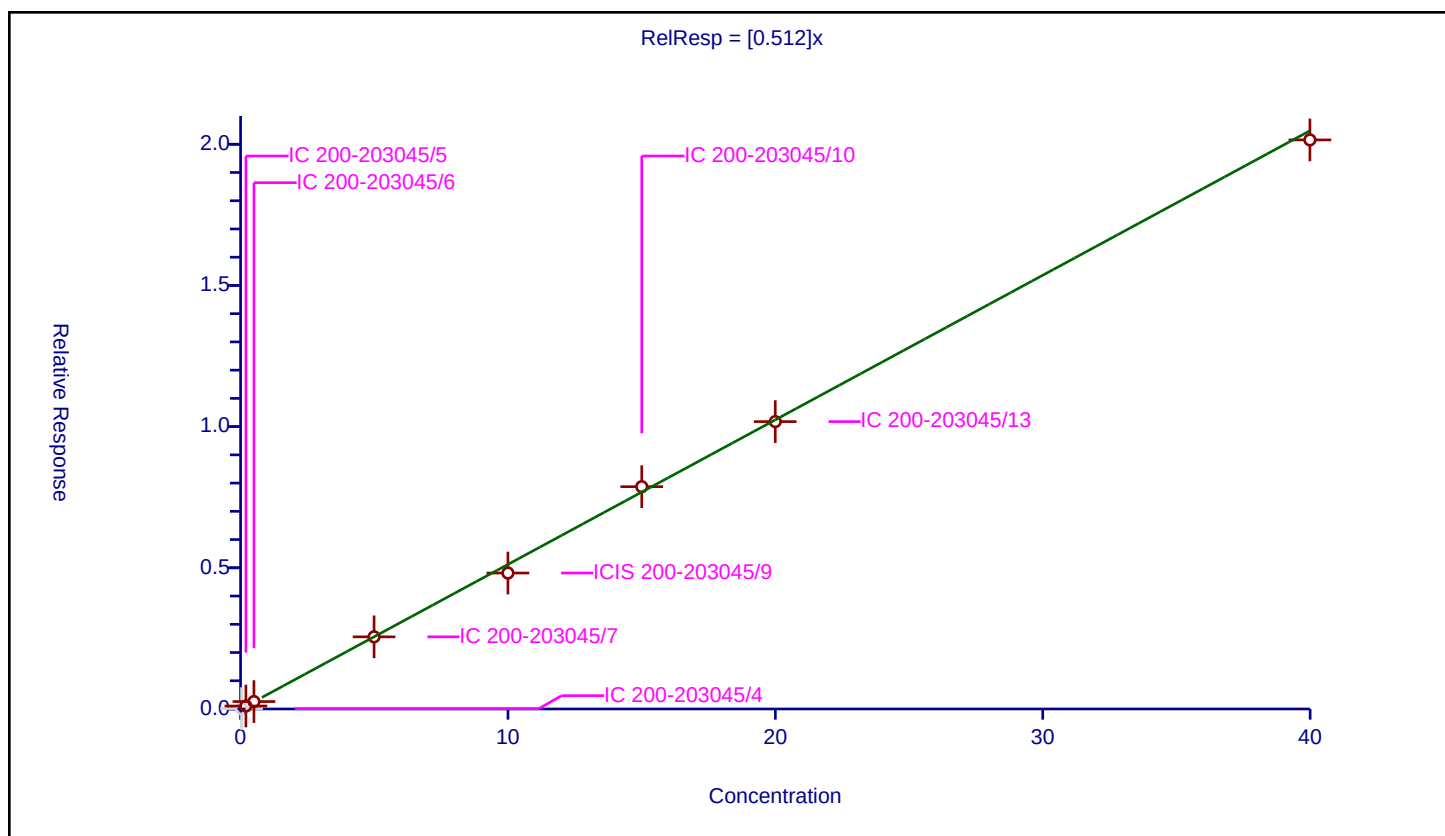
Curve Coefficients

Intercept: 0
Slope: 0.512

Error Coefficients

Relative Standard Deviation: 3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.01255	10.0	971298.0	0.357791	N
2	IC 200-203045/5	0.20044	0.105584	10.0	952699.0	0.526763	Y
3	IC 200-203045/6	0.500453	0.263465	10.0	902017.0	0.526454	Y
4	IC 200-203045/7	4.992563	2.554711	10.0	889036.0	0.511703	Y
5	ICIS 200-203045/9	9.99806	4.815215	10.0	939580.0	0.481615	Y
6	IC 200-203045/10	15.003557	7.872809	10.0	954348.0	0.52473	Y
7	IC 200-203045/13	19.99612	10.177696	10.0	977679.0	0.508984	Y
8	IC 200-203045/14	39.99224	20.154037	10.0	994823.0	0.503949	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

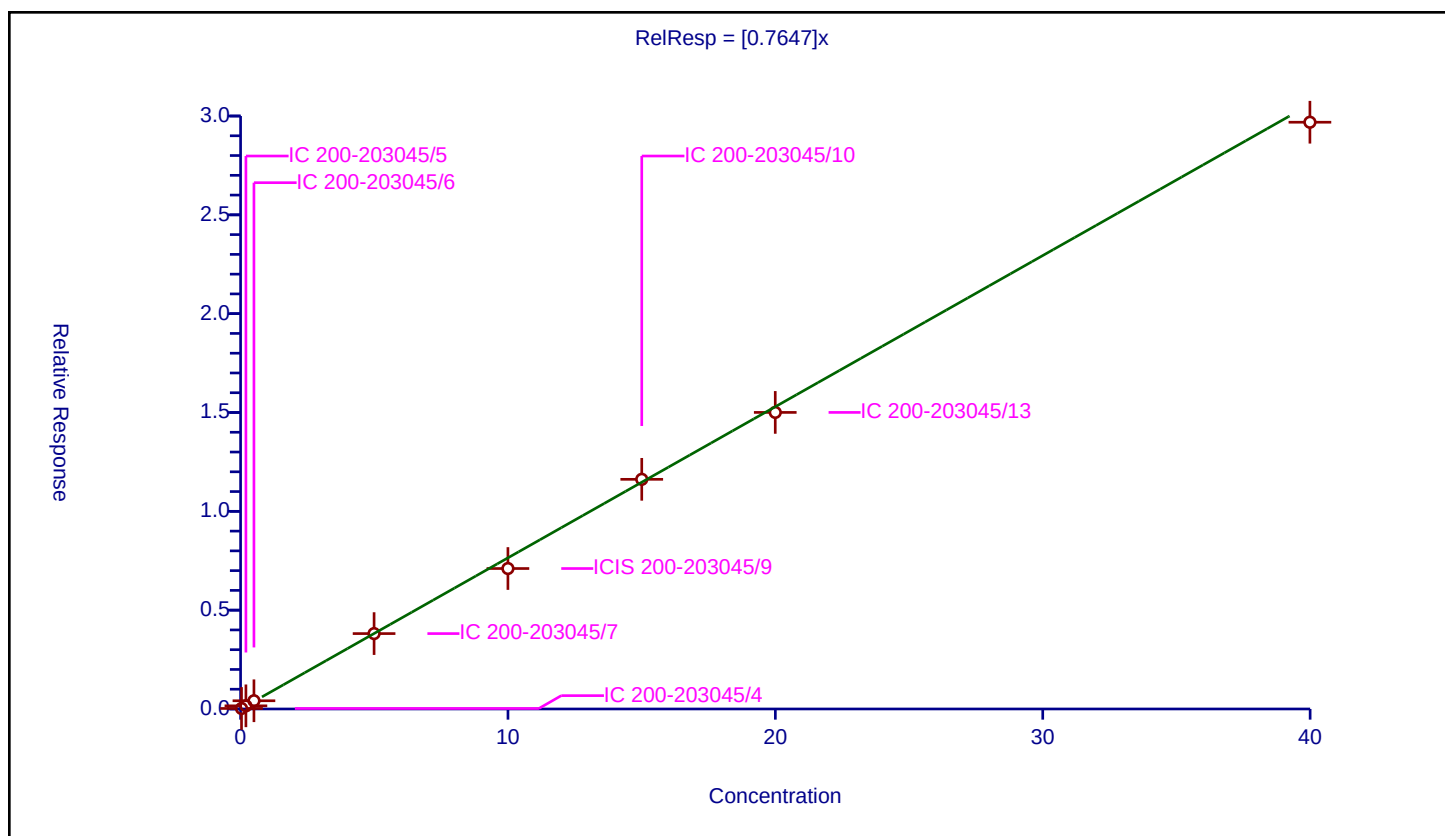
Curve Coefficients

Intercept: 0
Slope: 0.7647

Error Coefficients

Relative Standard Deviation: 4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.026243	10.0	971298.0	0.748162	Y
2	IC 200-203045/5	0.20044	0.159757	10.0	952699.0	0.797031	Y
3	IC 200-203045/6	0.500453	0.415591	10.0	902017.0	0.83043	Y
4	IC 200-203045/7	4.992563	3.814041	10.0	889036.0	0.763945	Y
5	ICIS 200-203045/9	9.99806	7.106792	10.0	939580.0	0.710817	Y
6	IC 200-203045/10	15.003557	11.619179	10.0	954348.0	0.774428	Y
7	IC 200-203045/13	19.99612	15.004567	10.0	977679.0	0.750374	Y
8	IC 200-203045/14	39.99224	29.68517	10.0	994823.0	0.742273	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

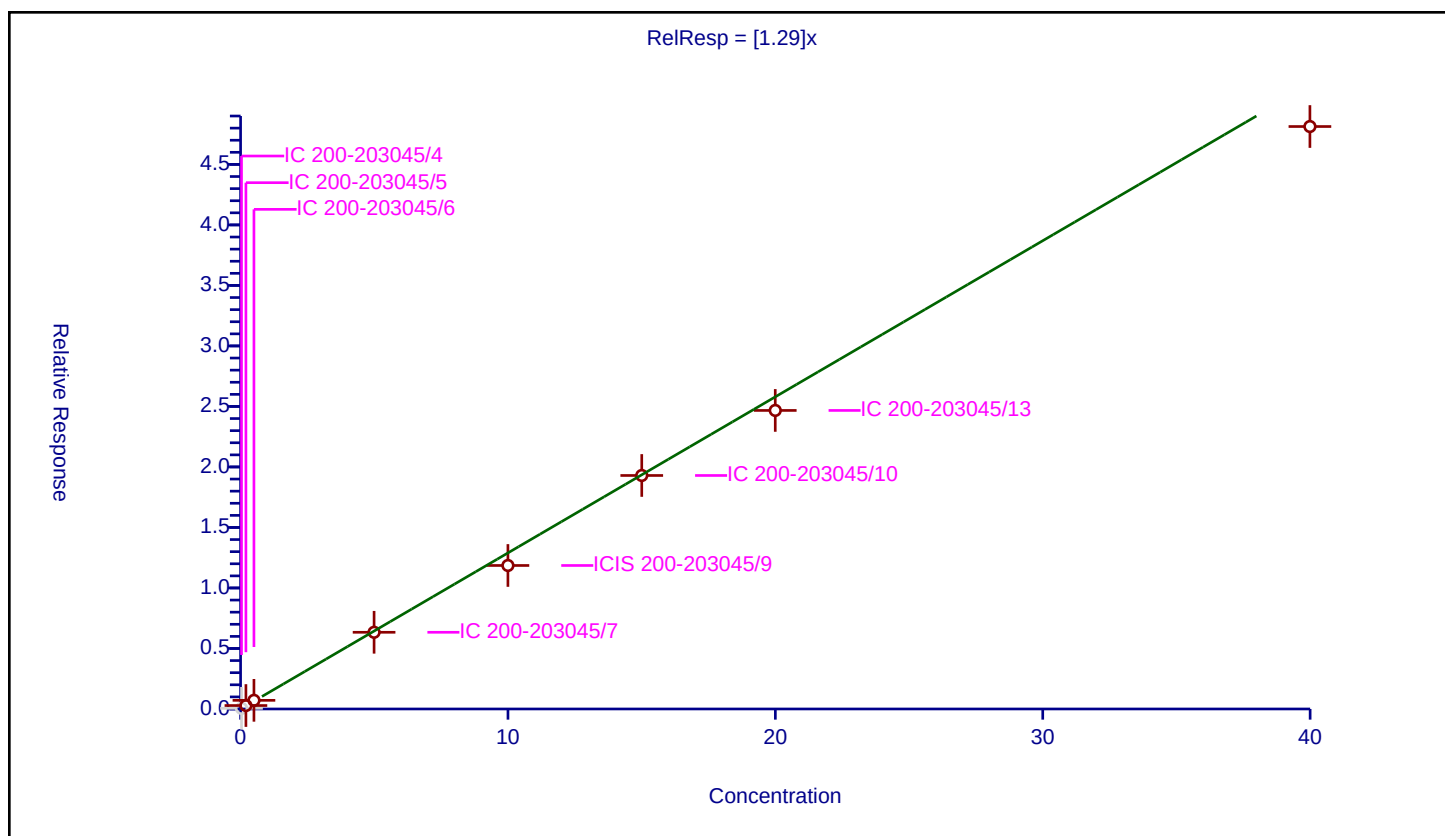
Curve Coefficients

Intercept: 0
Slope: 1.29

Error Coefficients

Relative Standard Deviation: 7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.05575	10.0	971298.0	1.589367	N
2	IC 200-203045/5	0.20044	0.285095	10.0	952699.0	1.42235	Y
3	IC 200-203045/6	0.500453	0.714133	10.0	902017.0	1.426974	Y
4	IC 200-203045/7	4.992563	6.339586	10.0	889036.0	1.269806	Y
5	ICIS 200-203045/9	9.99806	11.858032	10.0	939580.0	1.186033	Y
6	IC 200-203045/10	15.003557	19.295299	10.0	954348.0	1.286048	Y
7	IC 200-203045/13	19.99612	24.671196	10.0	977679.0	1.233799	Y
8	IC 200-203045/14	39.99224	48.131436	10.0	994823.0	1.203519	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

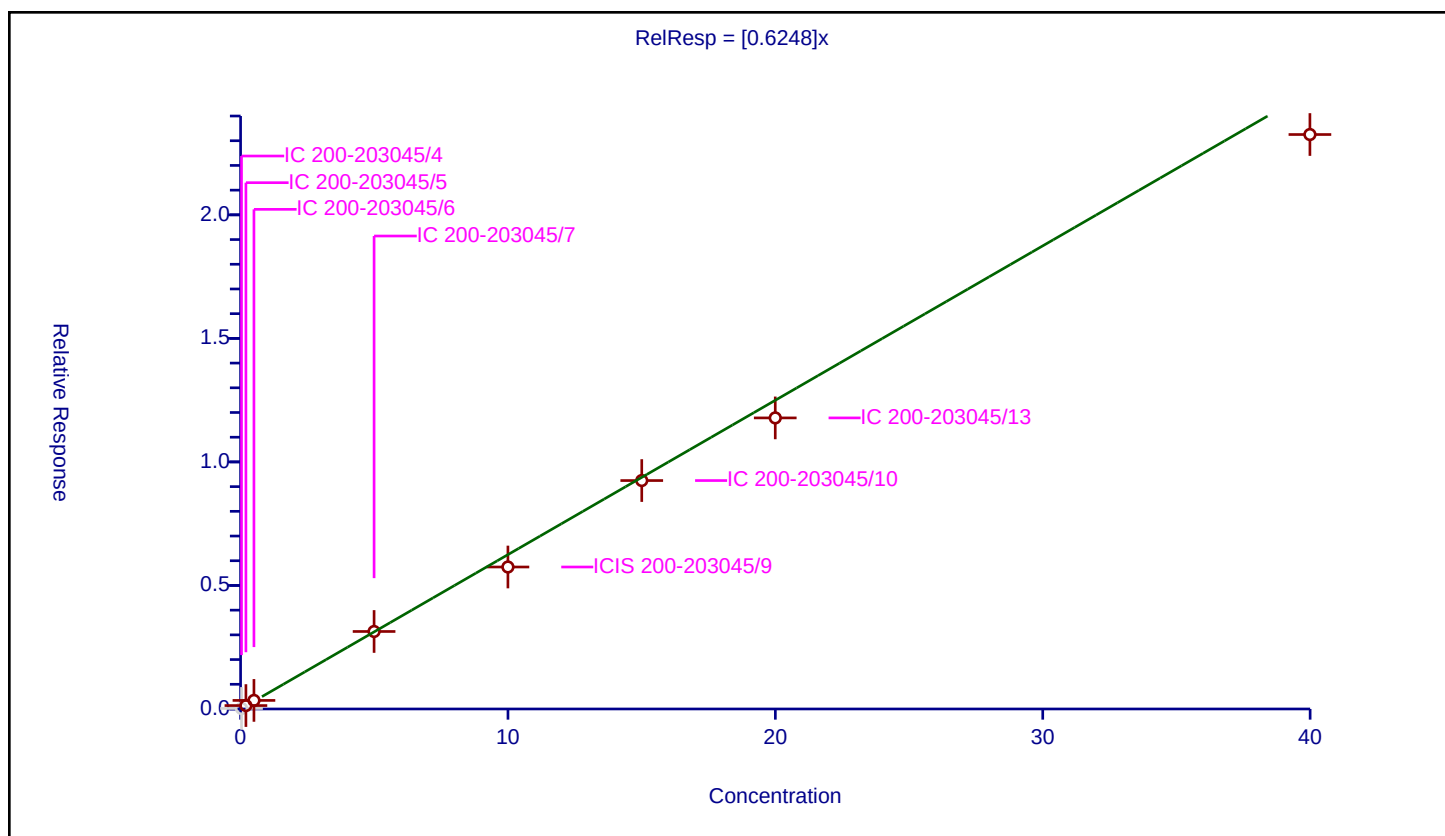
Curve Coefficients

Intercept: 0
Slope: 0.6248

Error Coefficients

Relative Standard Deviation: 7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.022372	10.0	971298.0	0.637801	N
2	IC 200-203045/5	0.20044	0.138438	10.0	952699.0	0.690673	Y
3	IC 200-203045/6	0.500453	0.346878	10.0	902017.0	0.693129	Y
4	IC 200-203045/7	4.992563	3.136701	10.0	889036.0	0.628275	Y
5	ICIS 200-203045/9	9.99806	5.747291	10.0	939580.0	0.574841	Y
6	IC 200-203045/10	15.003557	9.246009	10.0	954348.0	0.616254	Y
7	IC 200-203045/13	19.99612	11.781178	10.0	977679.0	0.589173	Y
8	IC 200-203045/14	39.99224	23.250578	10.0	994823.0	0.581377	Y



Calibration

/ Isooctane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

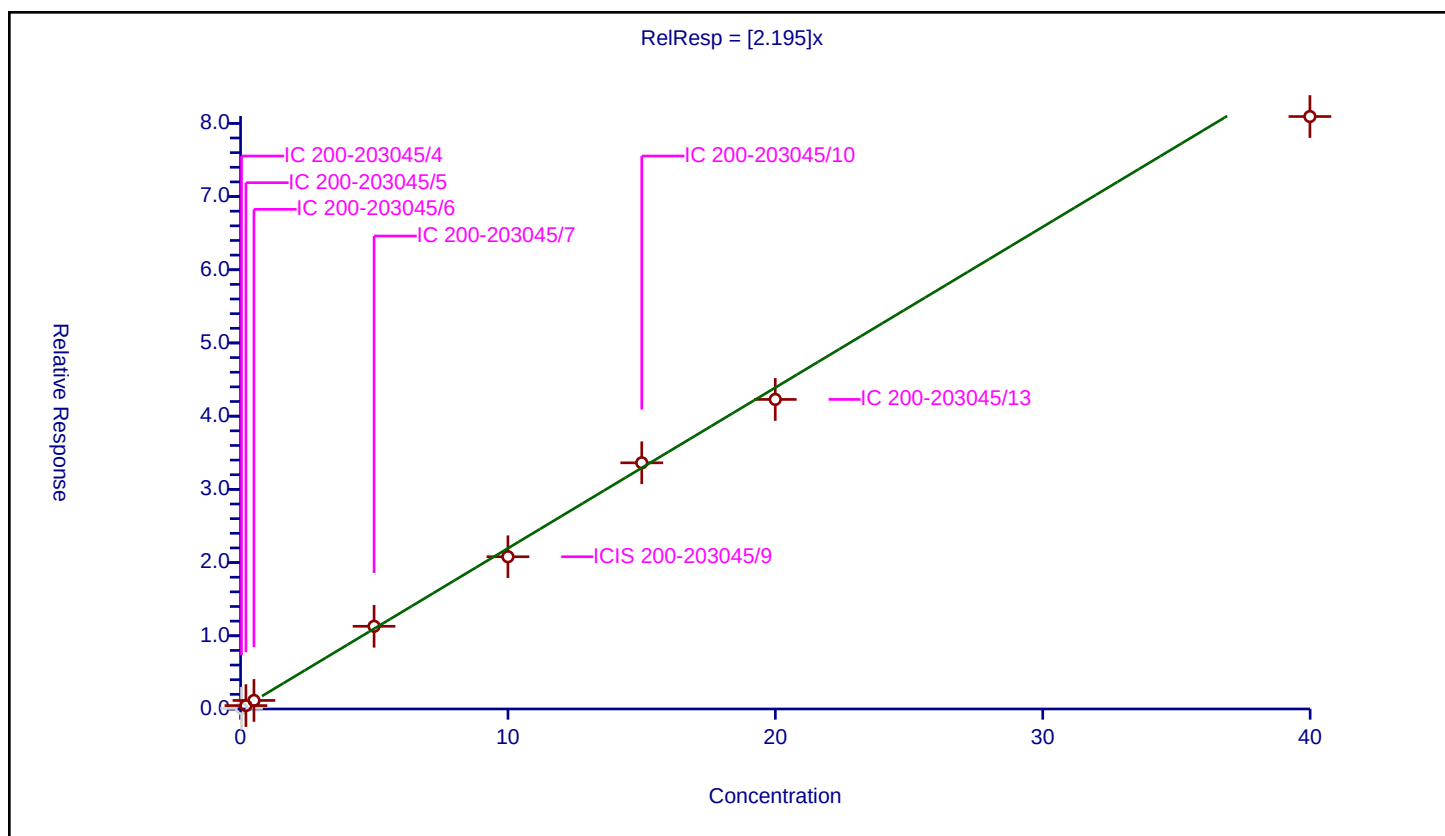
Curve Coefficients

Intercept: 0
Slope: 2.195

Error Coefficients

Relative Standard Deviation: 5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.081139	10.0	971298.0	2.313168	N
2	IC 200-203045/5	0.20044	0.463483	10.0	952699.0	2.312333	Y
3	IC 200-203045/6	0.500453	1.166907	10.0	902017.0	2.331704	Y
4	IC 200-203045/7	4.992563	11.296303	10.0	889036.0	2.262626	Y
5	ICIS 200-203045/9	9.99806	20.798272	10.0	939580.0	2.080231	Y
6	IC 200-203045/10	15.003557	33.628938	10.0	954348.0	2.241398	Y
7	IC 200-203045/13	19.99612	42.287264	10.0	977679.0	2.114773	Y
8	IC 200-203045/14	39.99224	80.930417	10.0	994823.0	2.023653	Y



Calibration

/ n-Heptane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

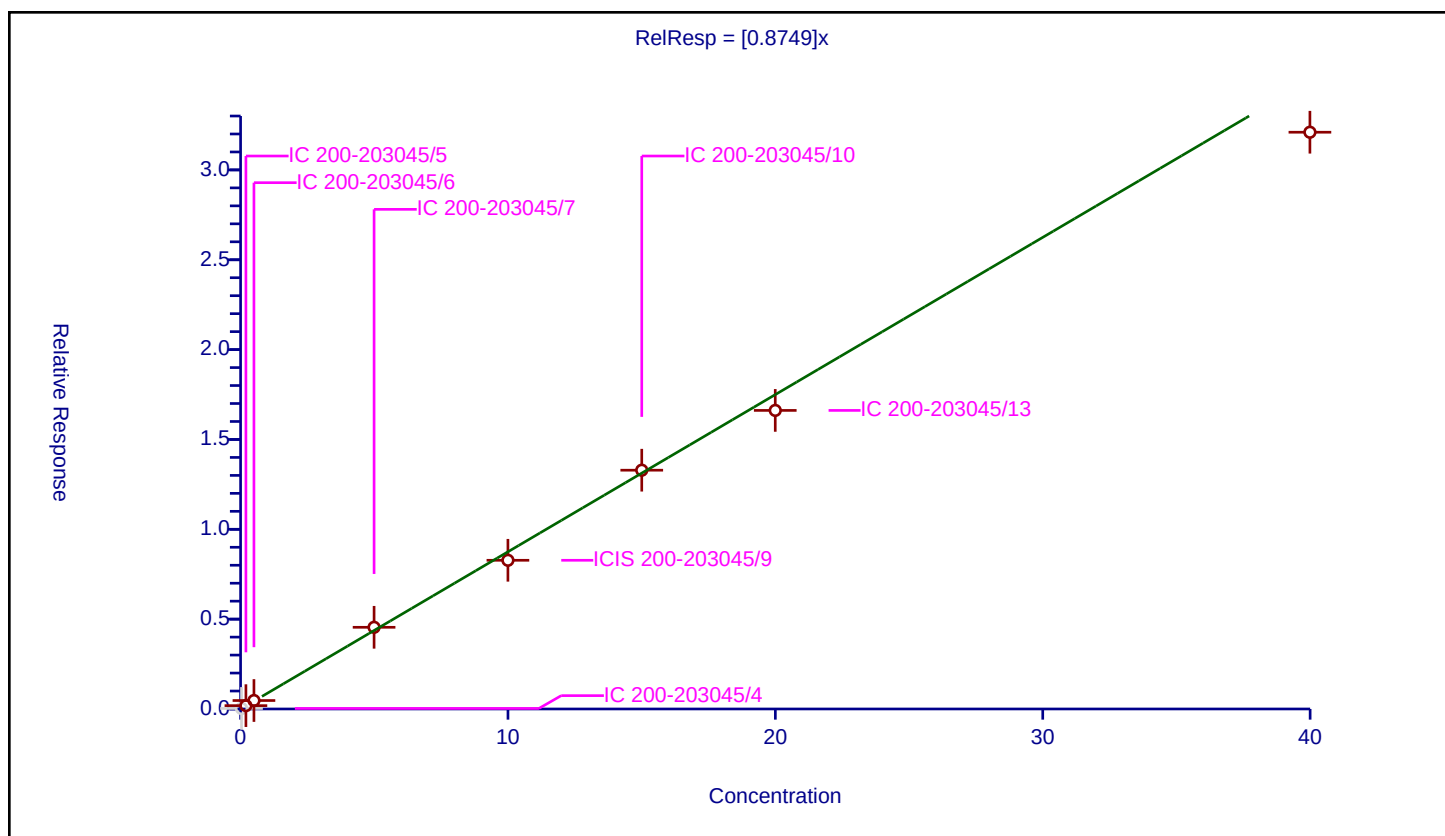
Curve Coefficients

Intercept: 0
Slope: 0.8749

Error Coefficients

Relative Standard Deviation: 6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.030526	10.0	971298.0	0.870263	N
2	IC 200-203045/5	0.20044	0.185693	10.0	952699.0	0.926431	Y
3	IC 200-203045/6	0.500453	0.470468	10.0	902017.0	0.940085	Y
4	IC 200-203045/7	4.992563	4.5458	10.0	889036.0	0.910514	Y
5	ICIS 200-203045/9	9.99806	8.276102	10.0	939580.0	0.827771	Y
6	IC 200-203045/10	15.003557	13.289576	10.0	954348.0	0.885762	Y
7	IC 200-203045/13	19.99612	16.615423	10.0	977679.0	0.830932	Y
8	IC 200-203045/14	39.99224	32.097911	10.0	994823.0	0.802603	Y



Calibration

/ n-Butanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

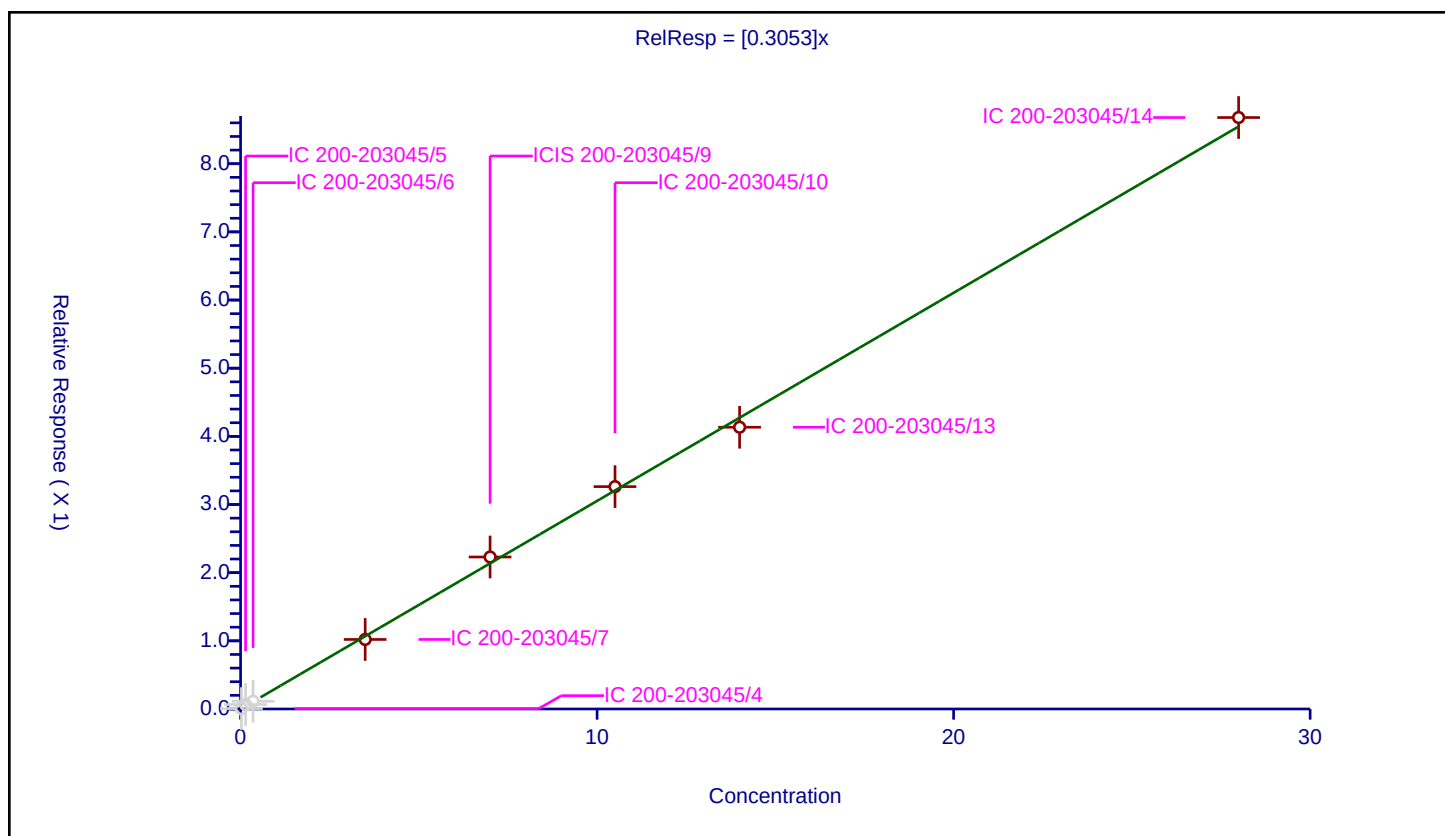
Curve Coefficients

Intercept: 0
 Slope: 0.3053

Error Coefficients

Relative Standard Deviation: 3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.024554	0.005961	10.0	971298.0	0.242776	N
2	IC 200-203045/5	0.140308	0.065351	10.0	952699.0	0.46577	N
3	IC 200-203045/6	0.350317	0.113213	10.0	902017.0	0.323173	N
4	IC 200-203045/7	3.494794	1.02006	10.0	889036.0	0.29188	Y
5	ICIS 200-203045/9	6.998642	2.229911	10.0	939580.0	0.318621	Y
6	IC 200-203045/10	10.50249	3.262248	10.0	954348.0	0.310617	Y
7	IC 200-203045/13	13.997284	4.133923	10.0	977679.0	0.295338	Y
8	IC 200-203045/14	27.994568	8.677544	10.0	994823.0	0.309972	Y



Calibration

/ Trichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

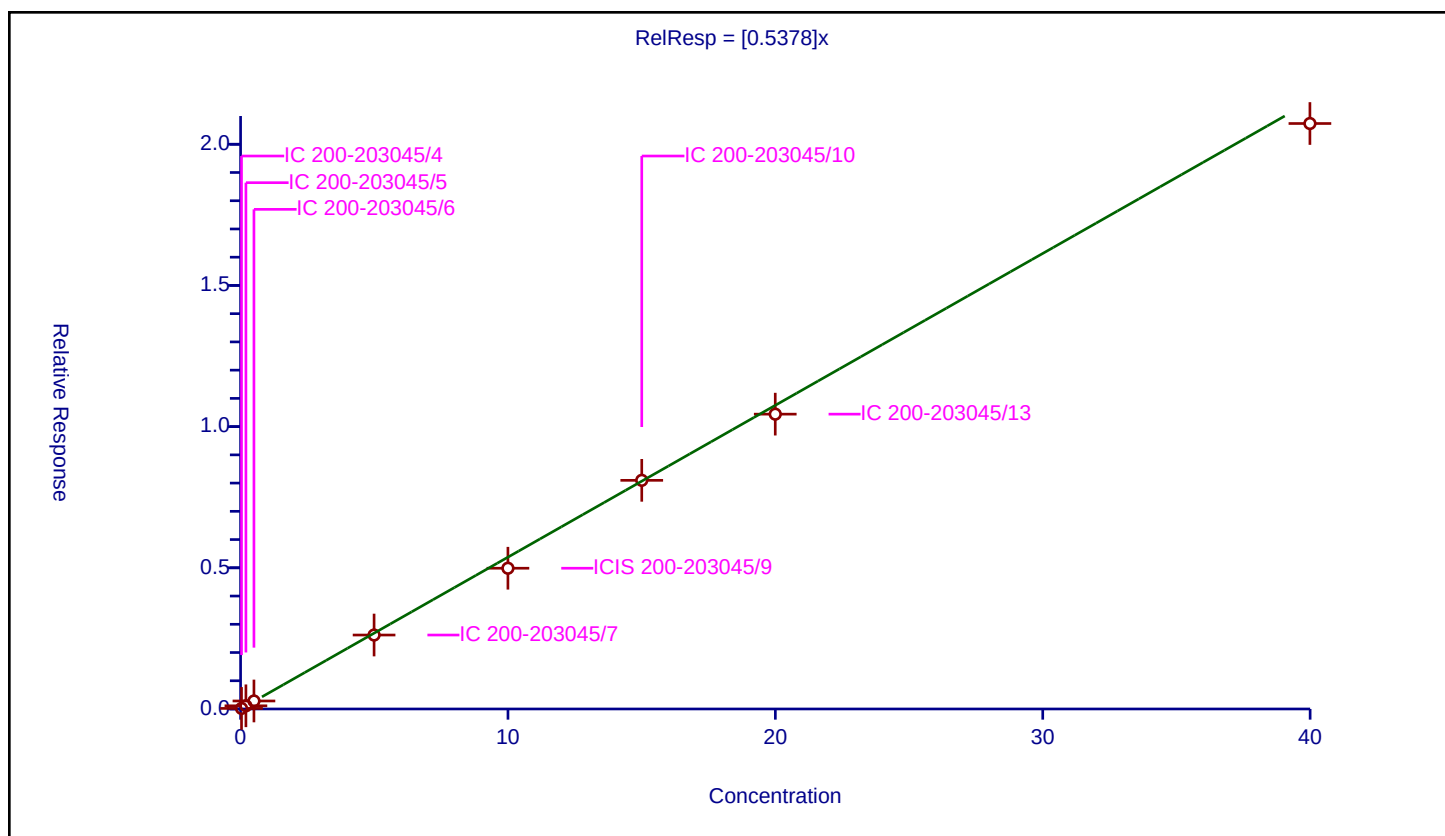
Curve Coefficients

Intercept: 0
Slope: 0.5378

Error Coefficients

Relative Standard Deviation: 4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.019963	10.0	971298.0	0.56912	Y
2	IC 200-203045/5	0.20044	0.112764	10.0	952699.0	0.562582	Y
3	IC 200-203045/6	0.500453	0.283598	10.0	902017.0	0.566683	Y
4	IC 200-203045/7	4.992563	2.619568	10.0	889036.0	0.524694	Y
5	ICIS 200-203045/9	9.99806	4.98478	10.0	939580.0	0.498575	Y
6	IC 200-203045/10	15.003557	8.097895	10.0	954348.0	0.539732	Y
7	IC 200-203045/13	19.99612	10.441771	10.0	977679.0	0.52219	Y
8	IC 200-203045/14	39.99224	20.734543	10.0	994823.0	0.518464	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

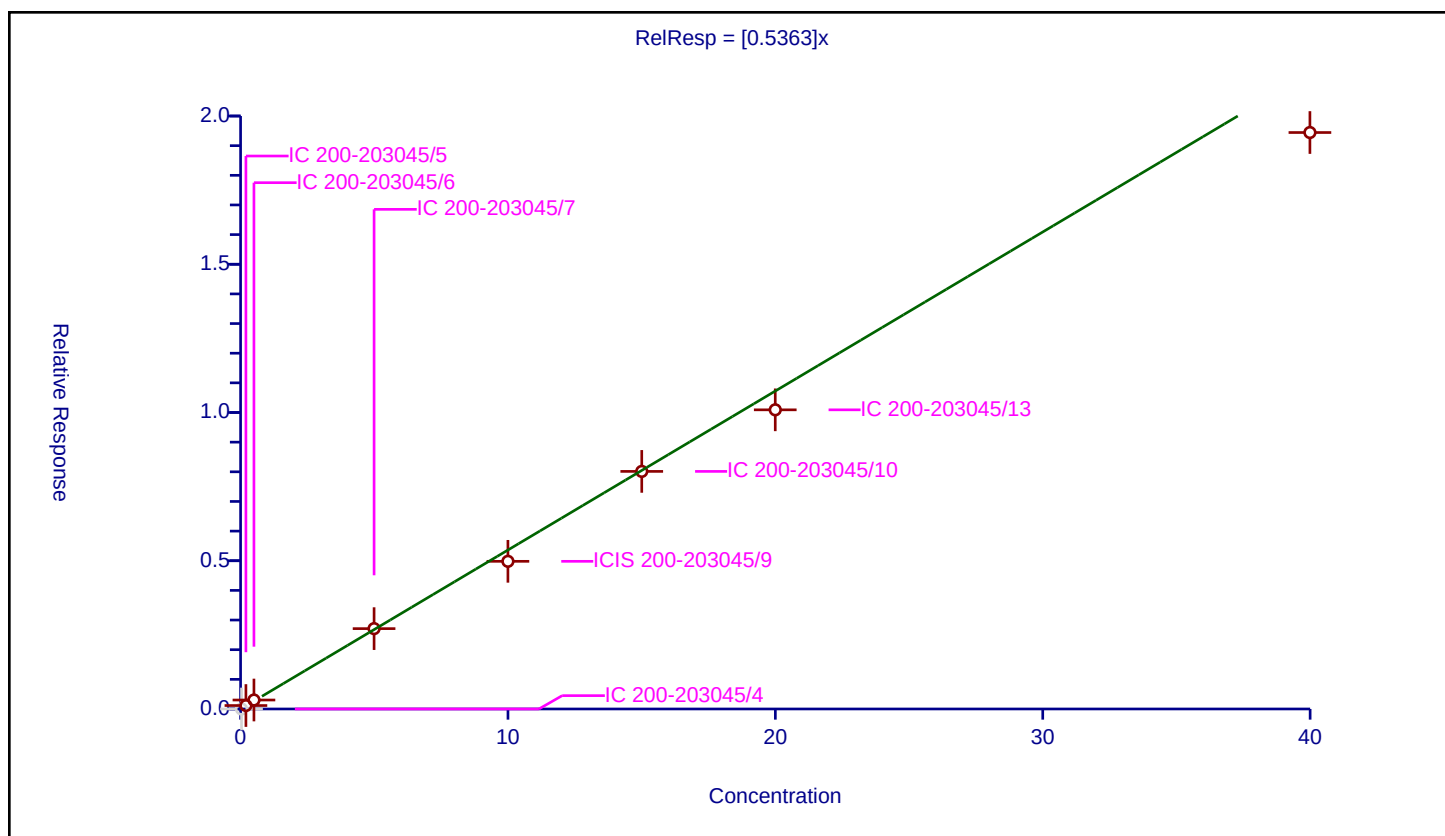
Curve Coefficients

Intercept: 0
Slope: 0.5363

Error Coefficients

Relative Standard Deviation: 8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.0	10.0	971298.0	0.0	N
2	IC 200-203045/5	0.20044	0.116899	10.0	952699.0	0.583215	Y
3	IC 200-203045/6	0.500453	0.302699	10.0	902017.0	0.604851	Y
4	IC 200-203045/7	4.992563	2.710576	10.0	889036.0	0.542923	Y
5	ICIS 200-203045/9	9.99806	4.980161	10.0	939580.0	0.498113	Y
6	IC 200-203045/10	15.003557	8.013167	10.0	954348.0	0.534084	Y
7	IC 200-203045/13	19.99612	10.090398	10.0	977679.0	0.504618	Y
8	IC 200-203045/14	39.99224	19.443439	10.0	994823.0	0.48618	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

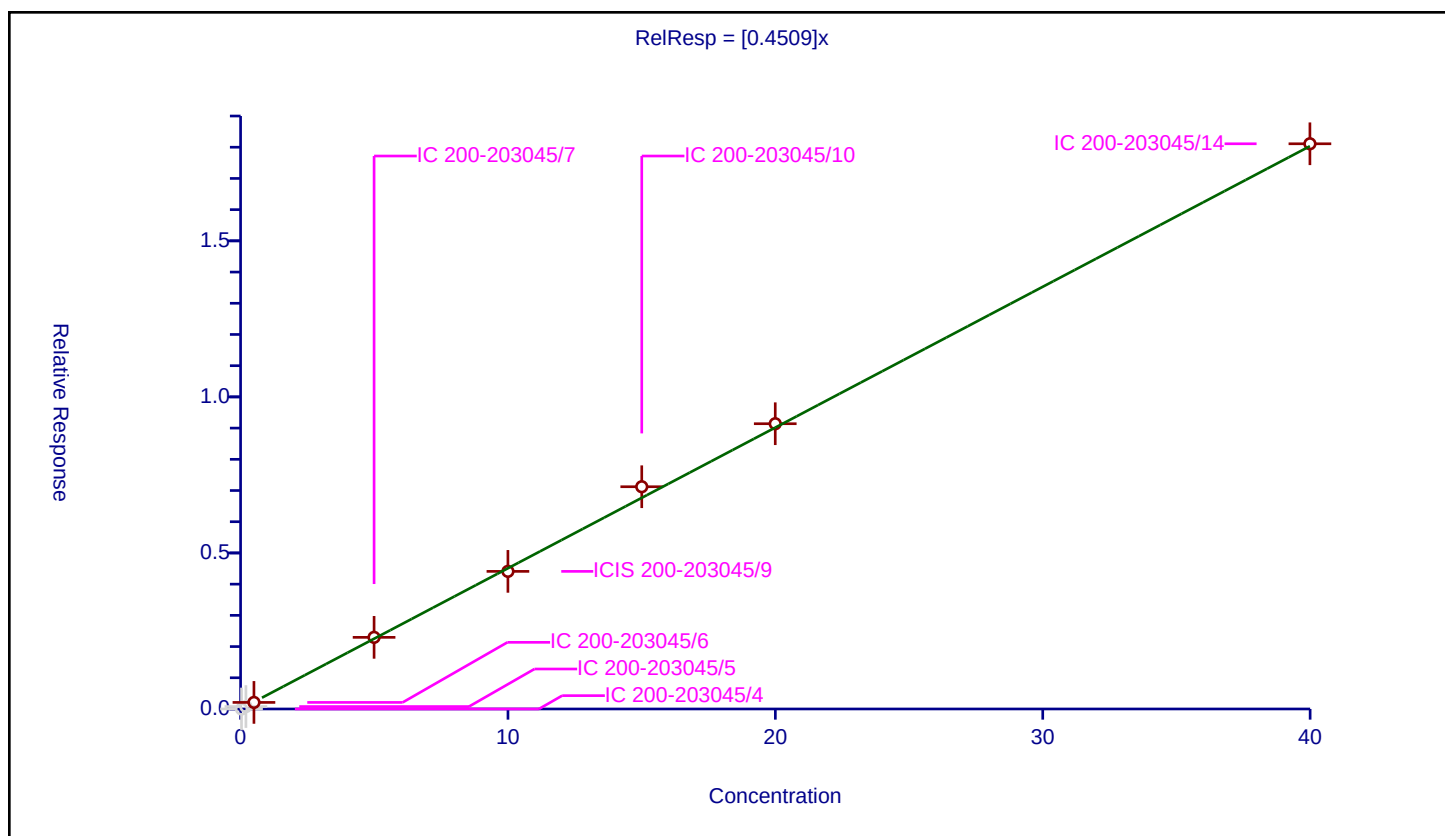
Curve Coefficients

Intercept: 0
Slope: 0.4509

Error Coefficients

Relative Standard Deviation: 4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.0	10.0	971298.0	0.0	N
2	IC 200-203045/5	0.20044	0.07802	10.0	952699.0	0.389247	N
3	IC 200-203045/6	0.500453	0.210273	10.0	902017.0	0.420166	Y
4	IC 200-203045/7	4.992563	2.295689	10.0	889036.0	0.459822	Y
5	ICIS 200-203045/9	9.99806	4.40913	10.0	939580.0	0.440999	Y
6	IC 200-203045/10	15.003557	7.121239	10.0	954348.0	0.474637	Y
7	IC 200-203045/13	19.99612	9.14071	10.0	977679.0	0.457124	Y
8	IC 200-203045/14	39.99224	18.110387	10.0	994823.0	0.452848	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

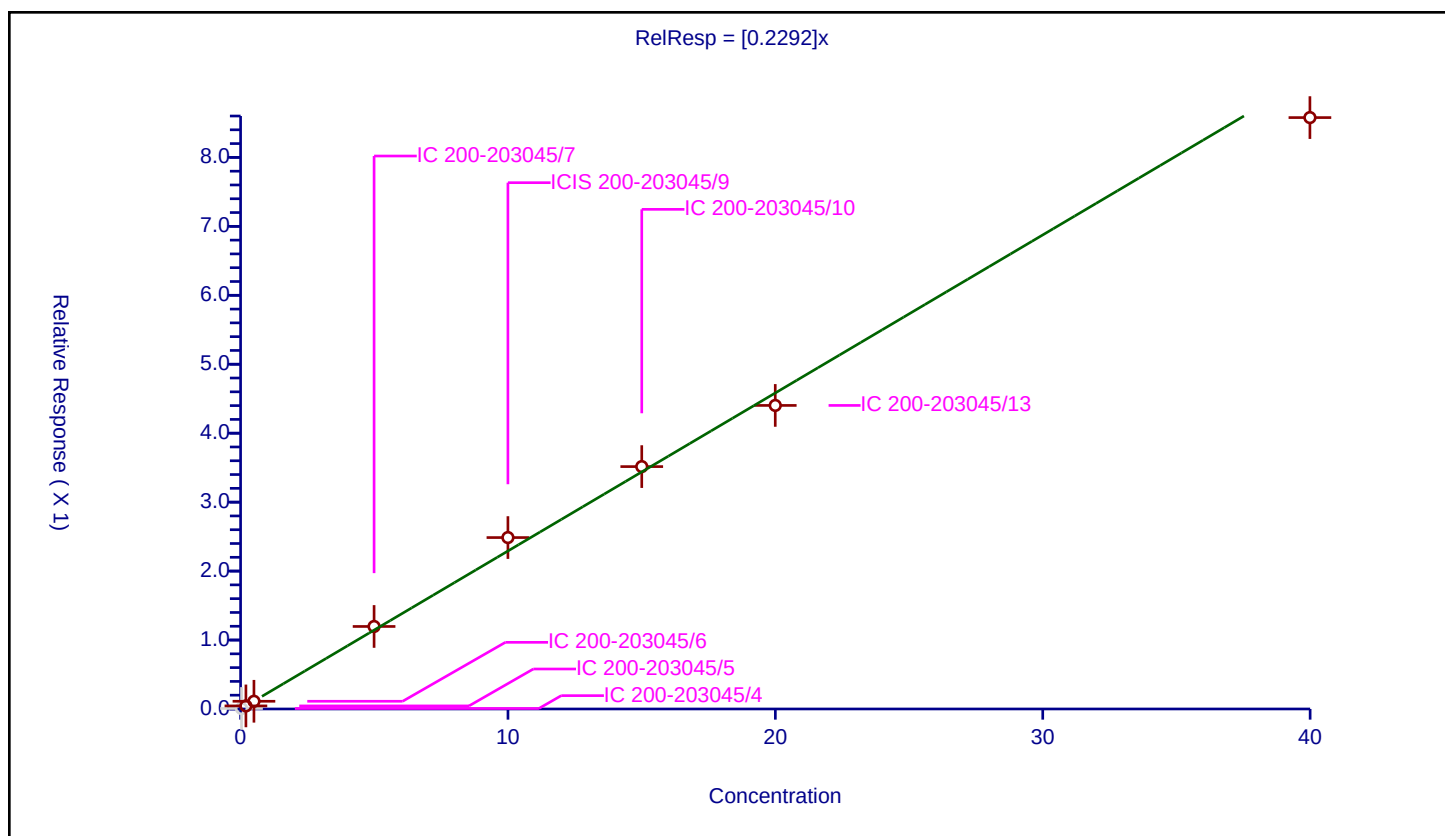
Curve Coefficients

Intercept: 0
Slope: 0.2292

Error Coefficients

Relative Standard Deviation: 5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.007639	10.0	971298.0	0.217786	N
2	IC 200-203045/5	0.20044	0.044726	10.0	952699.0	0.223137	Y
3	IC 200-203045/6	0.500453	0.112005	10.0	902017.0	0.223806	Y
4	IC 200-203045/7	4.992563	1.196656	10.0	889036.0	0.239688	Y
5	ICIS 200-203045/9	9.99806	2.486334	10.0	939580.0	0.248682	Y
6	IC 200-203045/10	15.003557	3.51528	10.0	954348.0	0.234296	Y
7	IC 200-203045/13	19.99612	4.402754	10.0	977679.0	0.22018	Y
8	IC 200-203045/14	39.99224	8.577194	10.0	994823.0	0.214471	Y



Calibration

/ Dibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

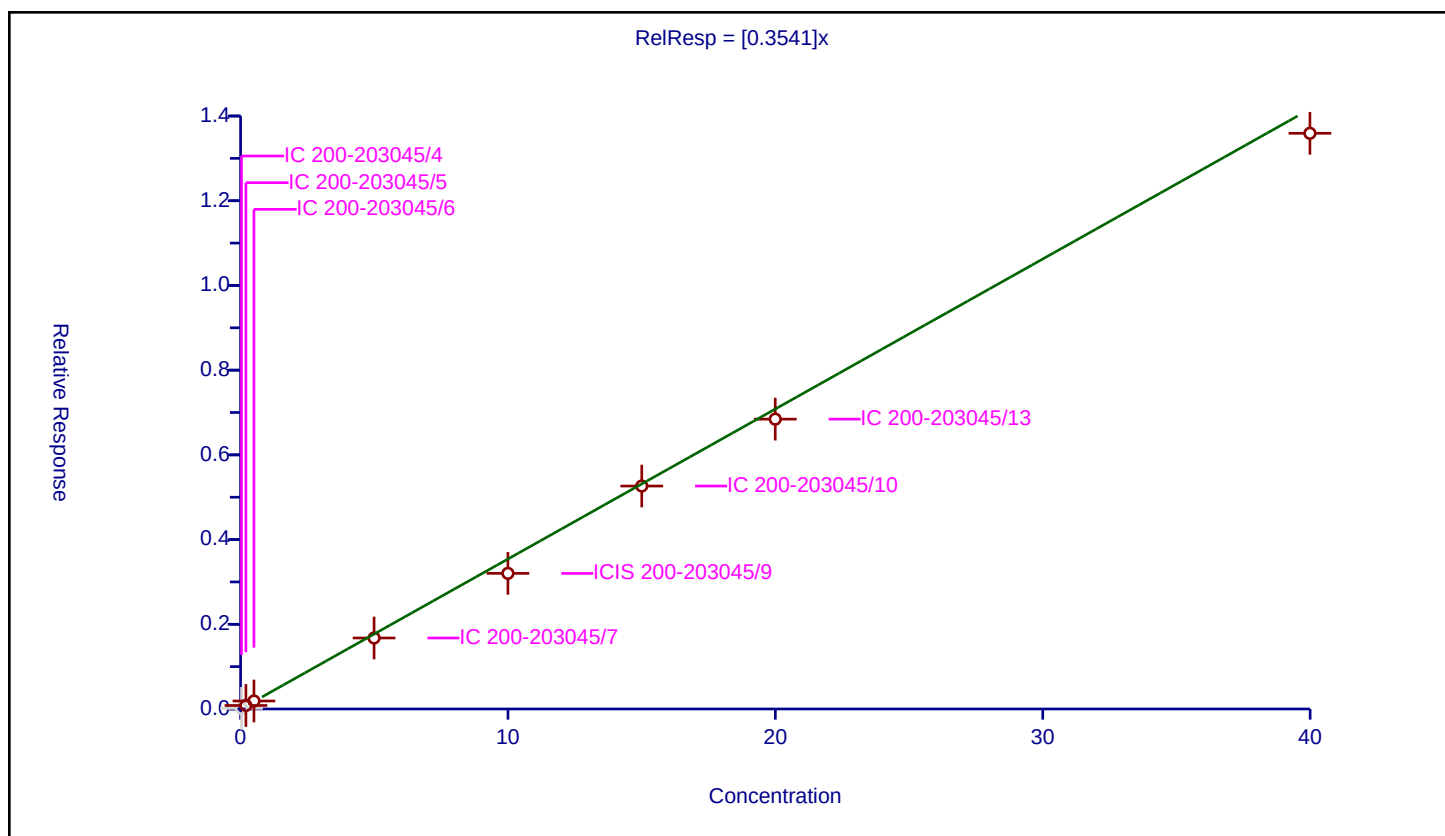
Curve Coefficients

Intercept: 0
Slope: 0.3541

Error Coefficients

Relative Standard Deviation: 8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.01499	10.0	971298.0	0.427353	N
2	IC 200-203045/5	0.20044	0.082733	10.0	952699.0	0.412759	Y
3	IC 200-203045/6	0.500453	0.188855	10.0	902017.0	0.377367	Y
4	IC 200-203045/7	4.992563	1.676006	10.0	889036.0	0.335701	Y
5	ICIS 200-203045/9	9.99806	3.201835	10.0	939580.0	0.320246	Y
6	IC 200-203045/10	15.003557	5.263688	10.0	954348.0	0.350829	Y
7	IC 200-203045/13	19.99612	6.843187	10.0	977679.0	0.342226	Y
8	IC 200-203045/14	39.99224	13.592086	10.0	994823.0	0.339868	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

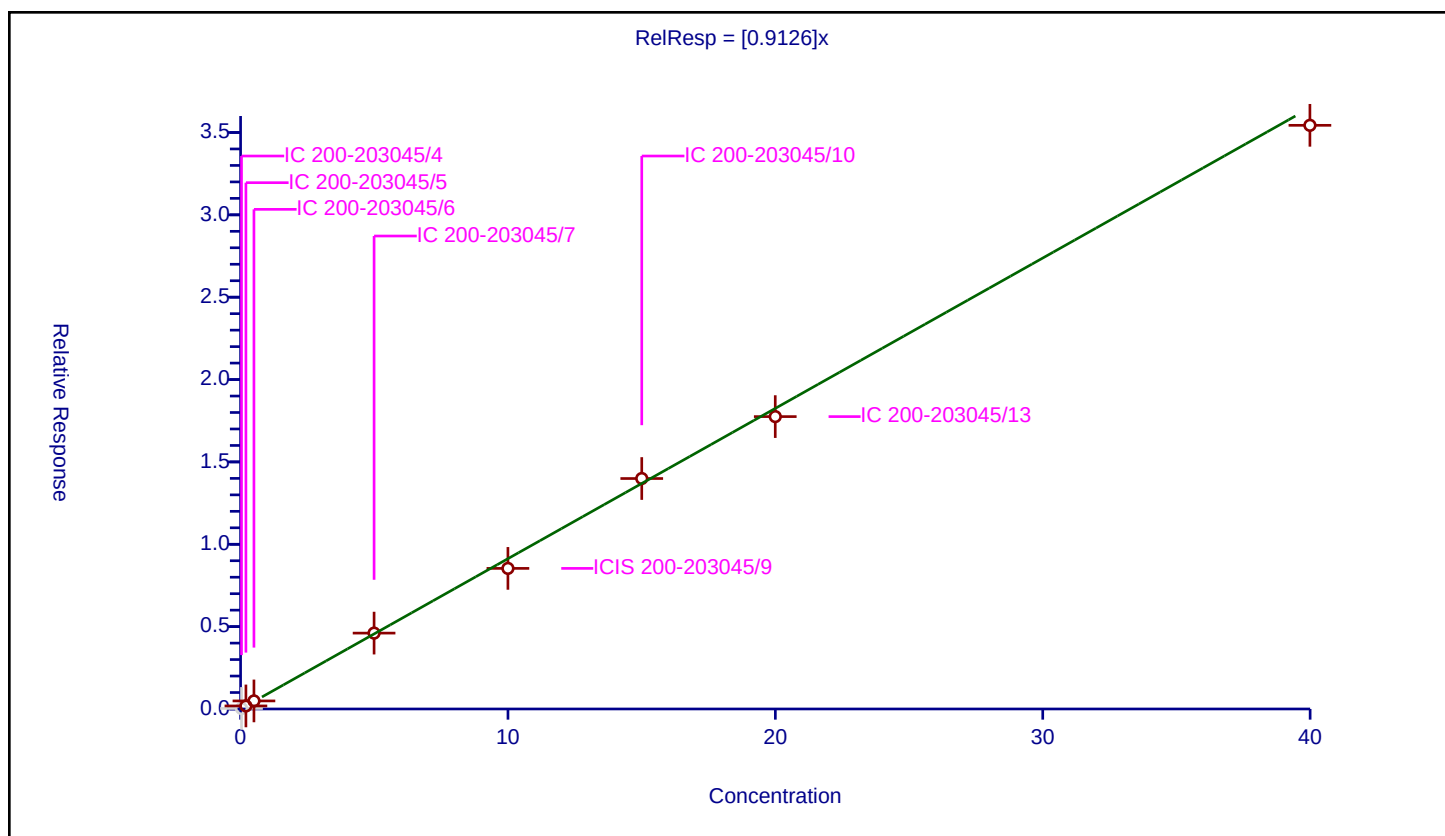
Curve Coefficients

Intercept: 0
Slope: 0.9126

Error Coefficients

Relative Standard Deviation: 4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.032843	10.0	971298.0	0.936303	N
2	IC 200-203045/5	0.20044	0.185442	10.0	952699.0	0.925174	Y
3	IC 200-203045/6	0.500453	0.49049	10.0	902017.0	0.980092	Y
4	IC 200-203045/7	4.992563	4.606203	10.0	889036.0	0.922613	Y
5	ICIS 200-203045/9	9.99806	8.535558	10.0	939580.0	0.853721	Y
6	IC 200-203045/10	15.003557	13.992443	10.0	954348.0	0.932608	Y
7	IC 200-203045/13	19.99612	17.751123	10.0	977679.0	0.887728	Y
8	IC 200-203045/14	39.99224	35.435228	10.0	994823.0	0.886053	Y



Calibration

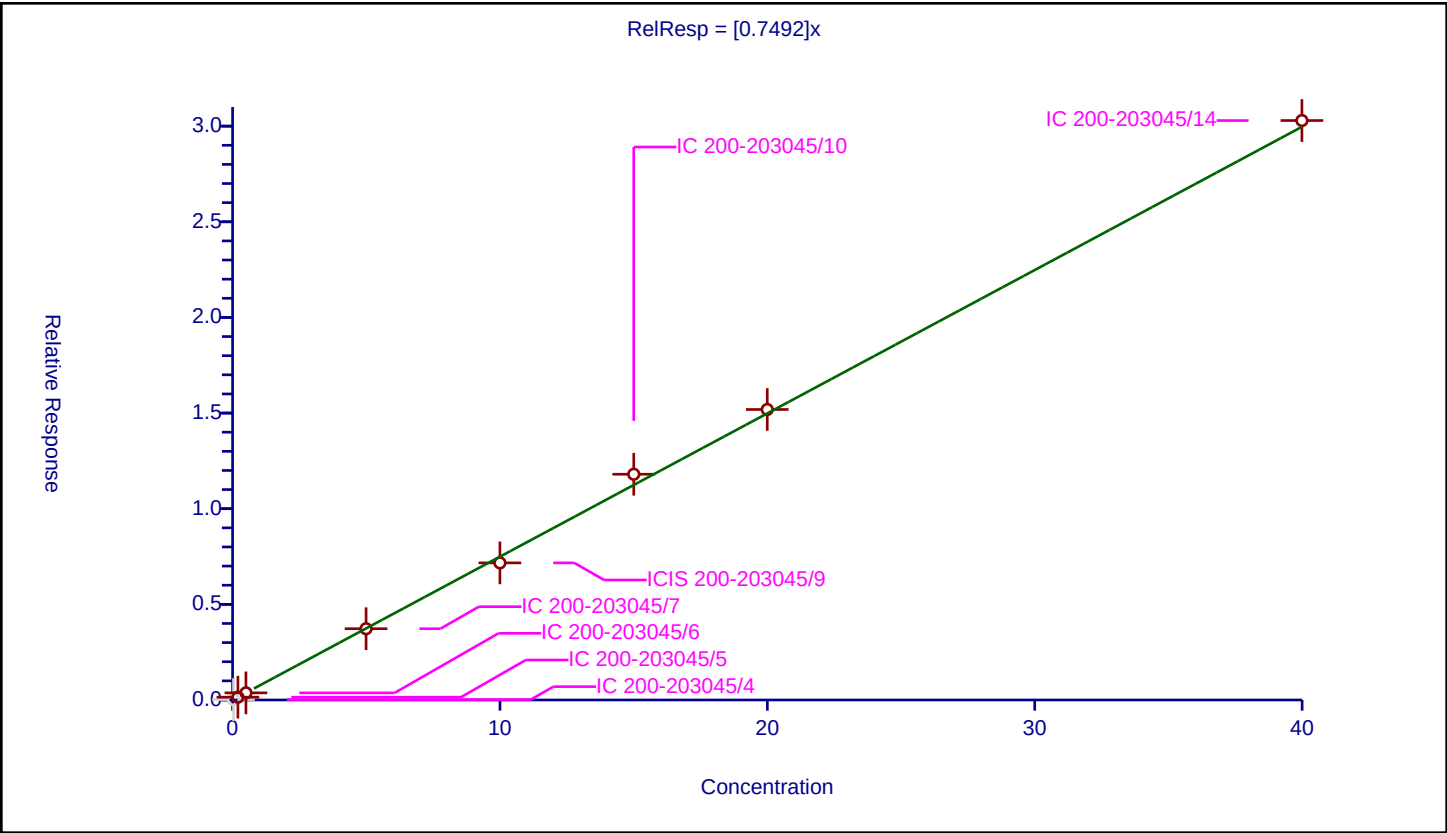
/ cis-1,3-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.7492
Error Coefficients	

Relative Standard Deviation: 2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.022949	10.0	971298.0	0.654238	N
2	IC 200-203045/5	0.20044	0.147528	10.0	952699.0	0.736023	Y
3	IC 200-203045/6	0.500453	0.371379	10.0	902017.0	0.742086	Y
4	IC 200-203045/7	4.992563	3.725203	10.0	889036.0	0.746151	Y
5	ICIS 200-203045/9	9.99806	7.167766	10.0	939580.0	0.716916	Y
6	IC 200-203045/10	15.003557	11.80124	10.0	954348.0	0.786563	Y
7	IC 200-203045/13	19.99612	15.186314	10.0	977679.0	0.759463	Y
8	IC 200-203045/14	39.99224	30.293399	10.0	994823.0	0.757482	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

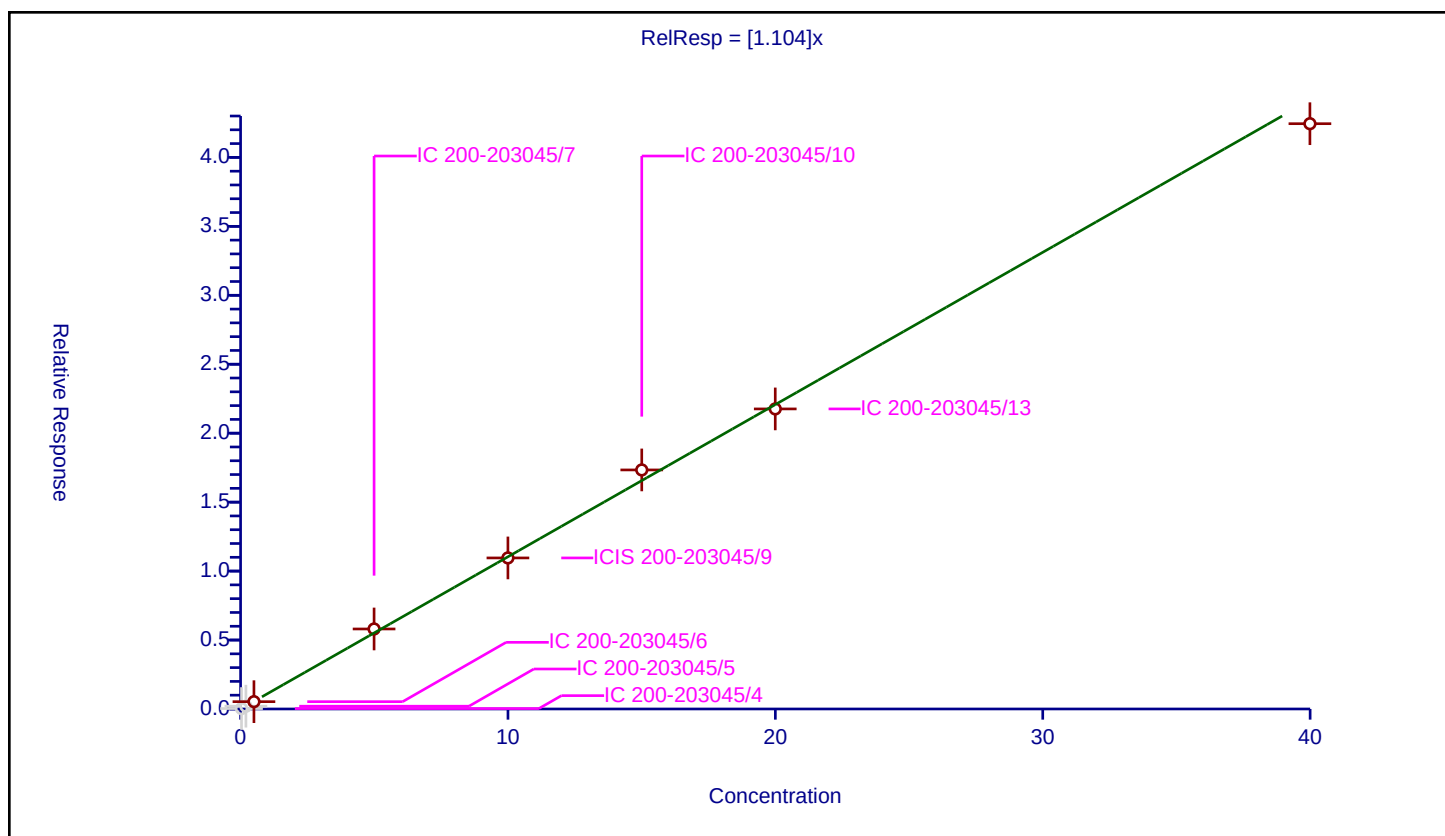
Curve Coefficients

Intercept: 0
Slope: 1.104

Error Coefficients

Relative Standard Deviation: 4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.031072	10.0	971298.0	0.885819	N
2	IC 200-203045/5	0.20044	0.202918	10.0	952699.0	1.012366	N
3	IC 200-203045/6	0.500453	0.530722	10.0	902017.0	1.060483	Y
4	IC 200-203045/7	4.992563	5.80152	10.0	889036.0	1.162032	Y
5	ICIS 200-203045/9	9.99806	10.954235	10.0	939580.0	1.095636	Y
6	IC 200-203045/10	15.003557	17.335029	10.0	954348.0	1.155395	Y
7	IC 200-203045/13	19.99612	21.760445	10.0	977679.0	1.088233	Y
8	IC 200-203045/14	39.99224	42.442967	10.0	994823.0	1.06128	Y



Calibration

/ Toluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

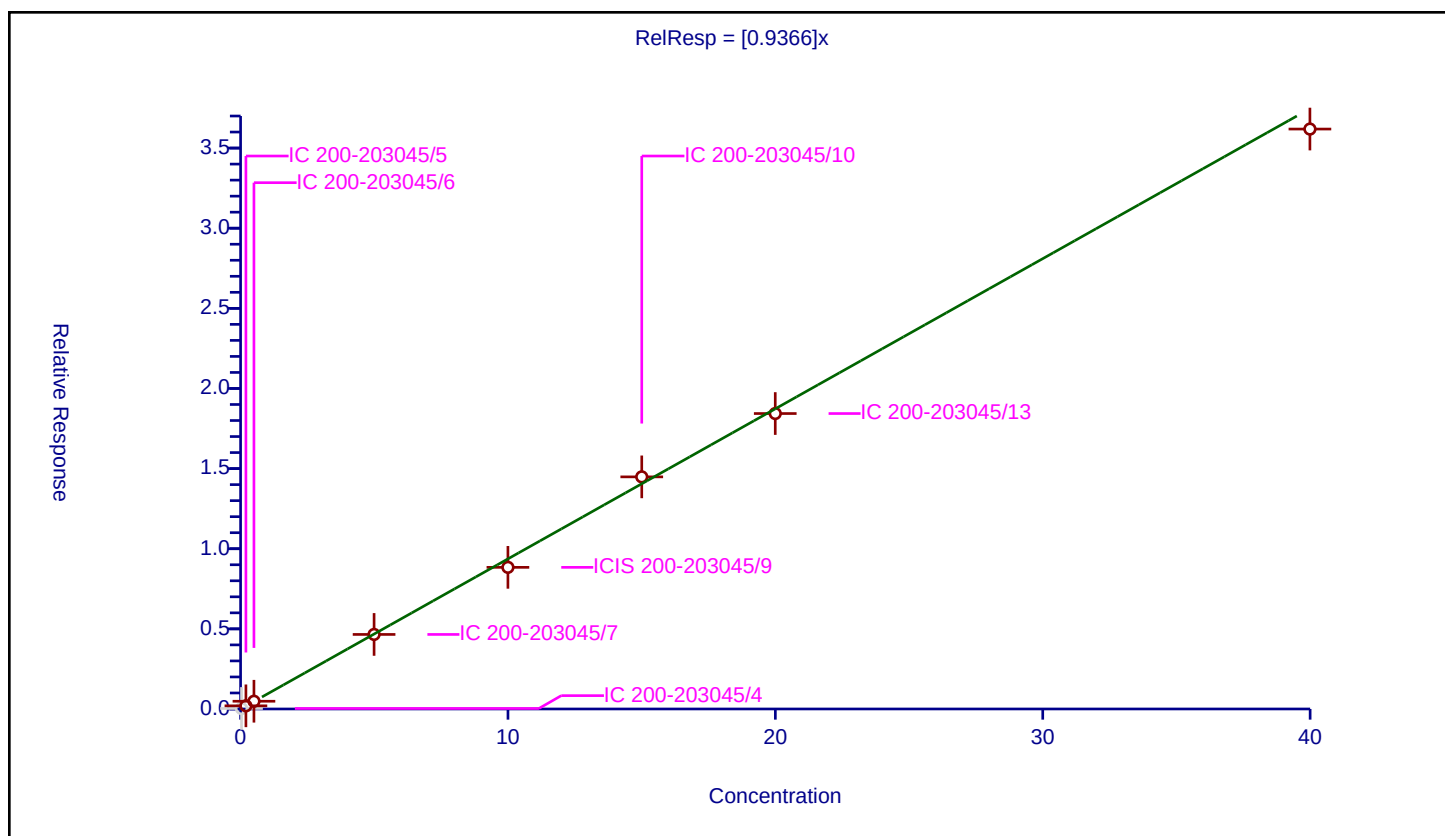
Curve Coefficients

Intercept: 0
Slope: 0.9366

Error Coefficients

Relative Standard Deviation: 3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.032013	10.0	841528.0	0.912656	N
2	IC 200-203045/5	0.20044	0.197189	10.0	810341.0	0.98378	Y
3	IC 200-203045/6	0.500453	0.482817	10.0	779011.0	0.964761	Y
4	IC 200-203045/7	4.992563	4.652251	10.0	784876.0	0.931836	Y
5	ICIS 200-203045/9	9.99806	8.838058	10.0	835128.0	0.883977	Y
6	IC 200-203045/10	15.003557	14.48301	10.0	844359.0	0.965305	Y
7	IC 200-203045/13	19.99612	18.435578	10.0	870104.0	0.921958	Y
8	IC 200-203045/14	39.99224	36.186044	10.0	885692.0	0.904827	Y



Calibration

/ n-Octane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

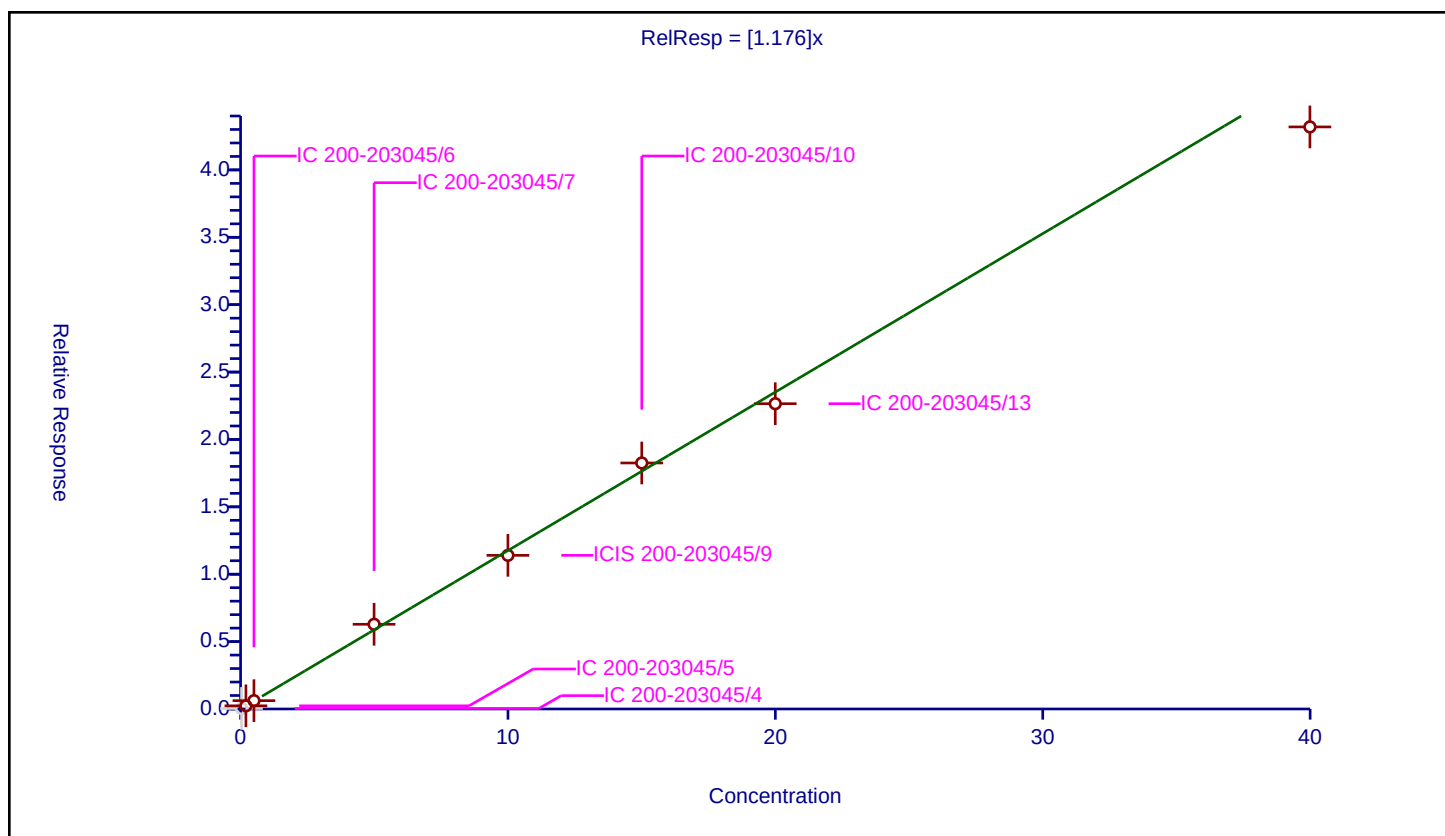
Curve Coefficients

Intercept: 0
Slope: 1.176

Error Coefficients

Relative Standard Deviation: 5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.038011	10.0	971298.0	1.083646	N
2	IC 200-203045/5	0.20044	0.233977	10.0	952699.0	1.167321	Y
3	IC 200-203045/6	0.500453	0.617904	10.0	902017.0	1.234691	Y
4	IC 200-203045/7	4.992563	6.284549	10.0	889036.0	1.258782	Y
5	ICIS 200-203045/9	9.99806	11.399977	10.0	939580.0	1.140219	Y
6	IC 200-203045/10	15.003557	18.255301	10.0	954348.0	1.216732	Y
7	IC 200-203045/13	19.99612	22.652599	10.0	977679.0	1.13285	Y
8	IC 200-203045/14	39.99224	43.190417	10.0	994823.0	1.07997	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

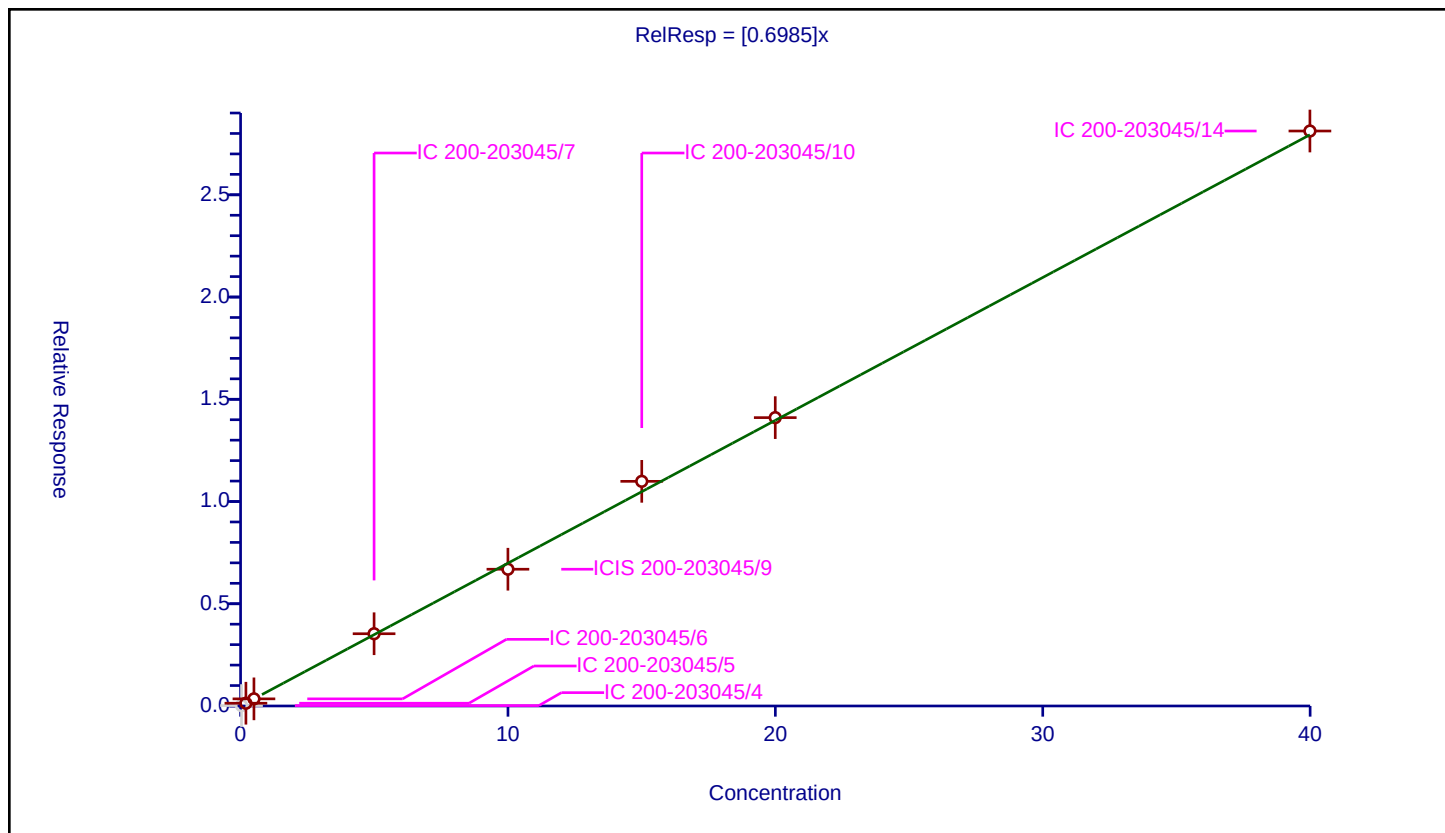
Curve Coefficients

Intercept: 0
Slope: 0.6985

Error Coefficients

Relative Standard Deviation: 3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.020457	10.0	971298.0	0.583208	N
2	IC 200-203045/5	0.20044	0.135226	10.0	952699.0	0.674649	Y
3	IC 200-203045/6	0.500453	0.349051	10.0	902017.0	0.697471	Y
4	IC 200-203045/7	4.992563	3.533963	10.0	889036.0	0.707845	Y
5	ICIS 200-203045/9	9.99806	6.687999	10.0	939580.0	0.66893	Y
6	IC 200-203045/10	15.003557	10.987397	10.0	954348.0	0.732319	Y
7	IC 200-203045/13	19.99612	14.102983	10.0	977679.0	0.705286	Y
8	IC 200-203045/14	39.99224	28.119153	10.0	994823.0	0.703115	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

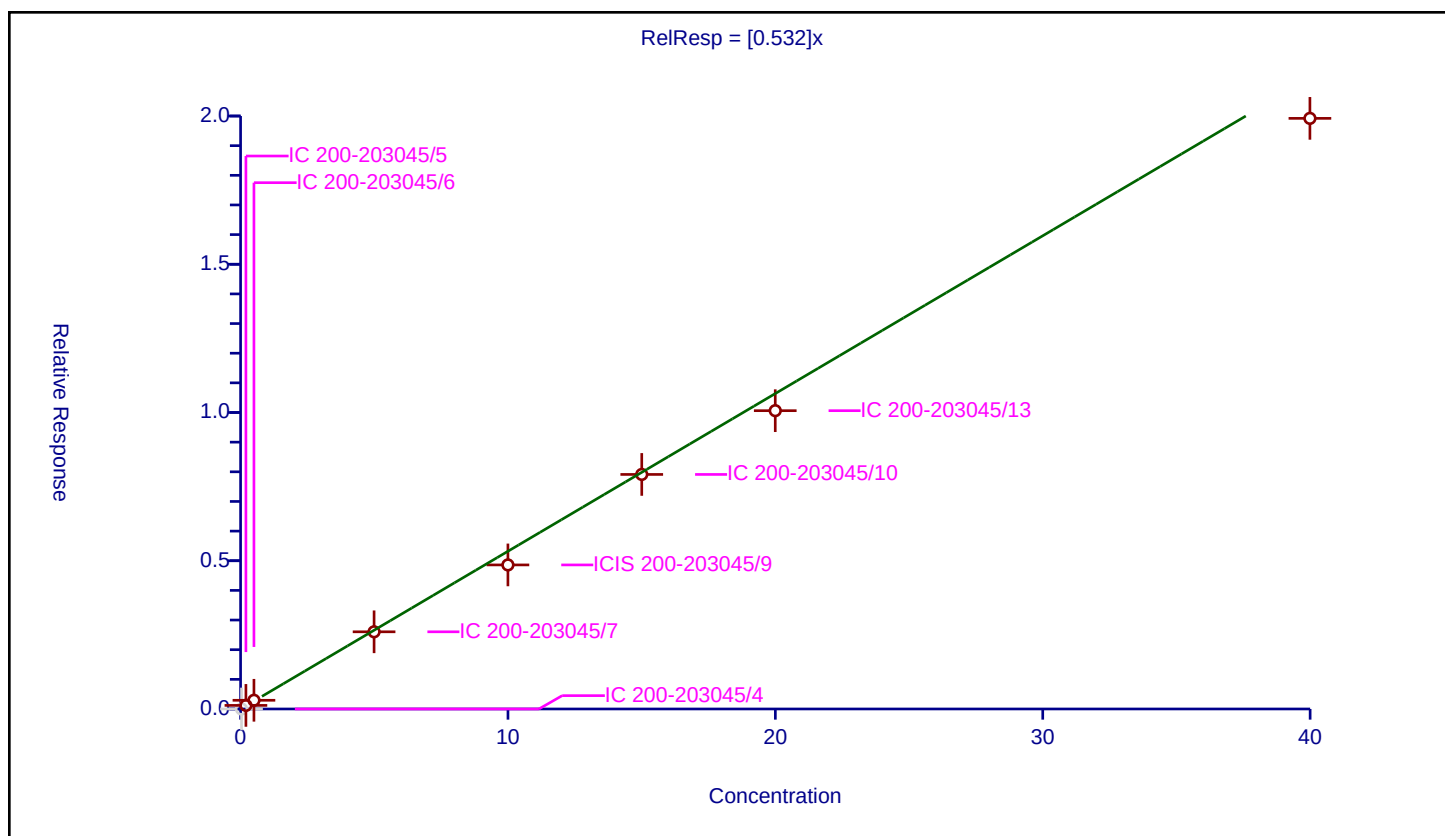
Curve Coefficients

Intercept: 0
Slope: 0.532

Error Coefficients

Relative Standard Deviation: 8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.0	10.0	841528.0	0.0	N
2	IC 200-203045/5	0.20044	0.120628	10.0	810341.0	0.601818	Y
3	IC 200-203045/6	0.500453	0.293372	10.0	779011.0	0.586213	Y
4	IC 200-203045/7	4.992563	2.603341	10.0	784876.0	0.521444	Y
5	ICIS 200-203045/9	9.99806	4.85892	10.0	835128.0	0.485986	Y
6	IC 200-203045/10	15.003557	7.910841	10.0	844359.0	0.527264	Y
7	IC 200-203045/13	19.99612	10.061728	10.0	870104.0	0.503184	Y
8	IC 200-203045/14	39.99224	19.920763	10.0	885692.0	0.498116	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

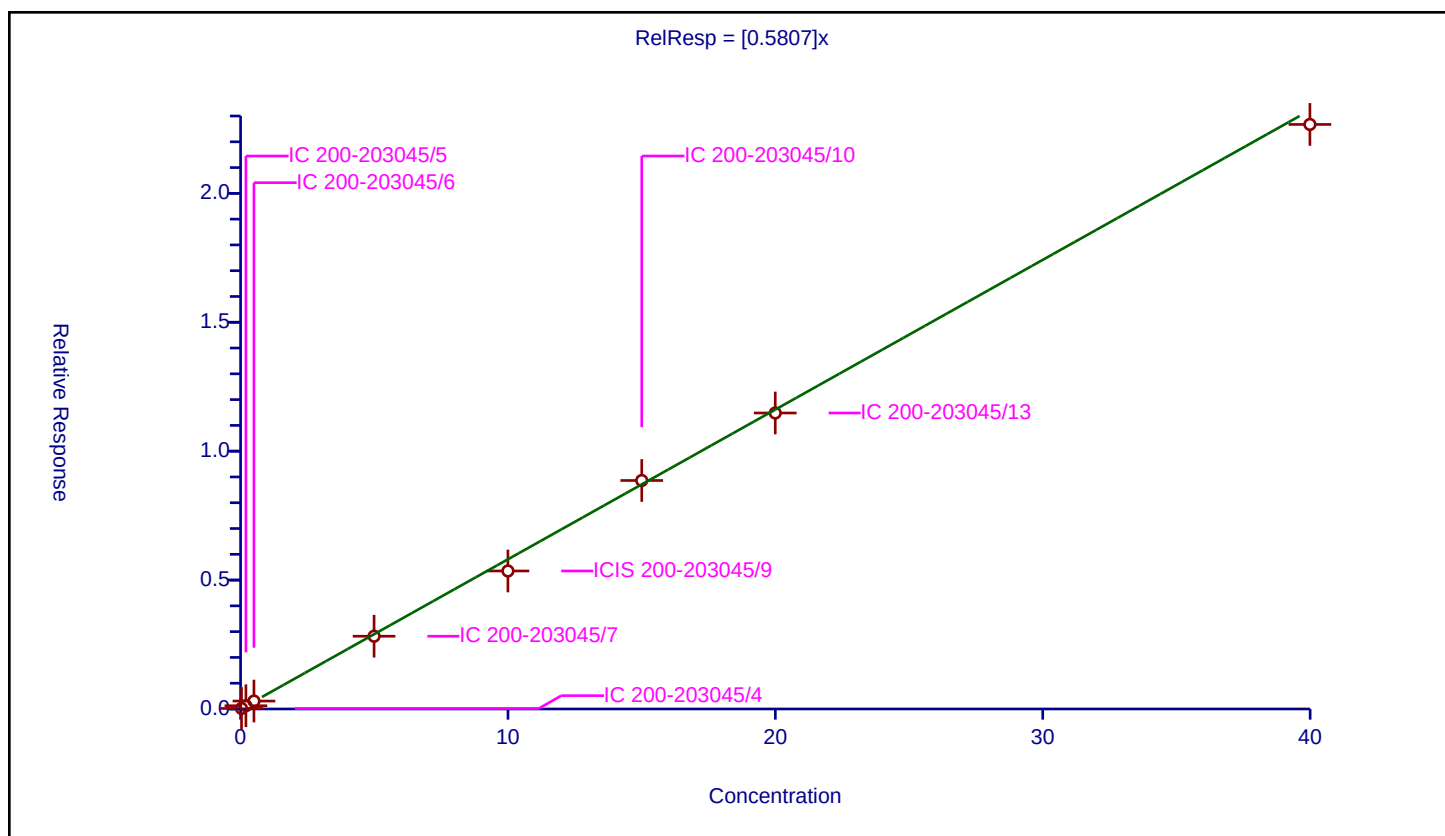
Curve Coefficients

Intercept: 0
Slope: 0.5807

Error Coefficients

Relative Standard Deviation: 5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.020094	10.0	841528.0	0.572866	Y
2	IC 200-203045/5	0.20044	0.125231	10.0	810341.0	0.624783	Y
3	IC 200-203045/6	0.500453	0.307993	10.0	779011.0	0.615429	Y
4	IC 200-203045/7	4.992563	2.822166	10.0	784876.0	0.565274	Y
5	ICIS 200-203045/9	9.99806	5.353335	10.0	835128.0	0.535437	Y
6	IC 200-203045/10	15.003557	8.862498	10.0	844359.0	0.590693	Y
7	IC 200-203045/13	19.99612	11.480639	10.0	870104.0	0.574143	Y
8	IC 200-203045/14	39.99224	22.672735	10.0	885692.0	0.566928	Y



Calibration

/ 2-Hexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

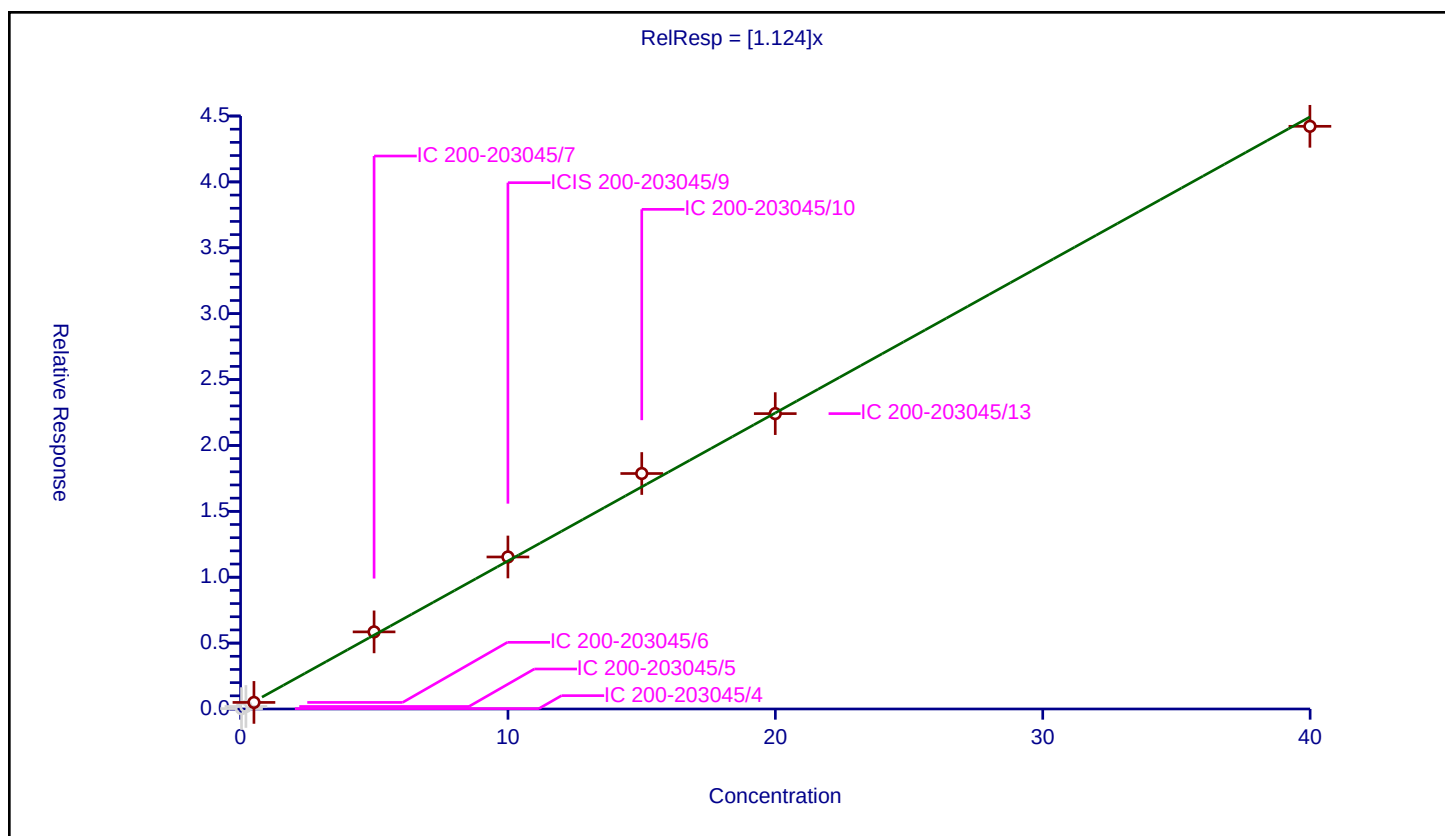
Curve Coefficients

Intercept: 0
Slope: 1.124

Error Coefficients

Relative Standard Deviation: 6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.029803	10.0	841528.0	0.849644	N
2	IC 200-203045/5	0.20044	0.1915	10.0	810341.0	0.955398	N
3	IC 200-203045/6	0.500453	0.499107	10.0	779011.0	0.997312	Y
4	IC 200-203045/7	4.992563	5.852211	10.0	784876.0	1.172186	Y
5	ICIS 200-203045/9	9.99806	11.536256	10.0	835128.0	1.153849	Y
6	IC 200-203045/10	15.003557	17.87074	10.0	844359.0	1.1911	Y
7	IC 200-203045/13	19.99612	22.415412	10.0	870104.0	1.120988	Y
8	IC 200-203045/14	39.99224	44.218419	10.0	885692.0	1.105675	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

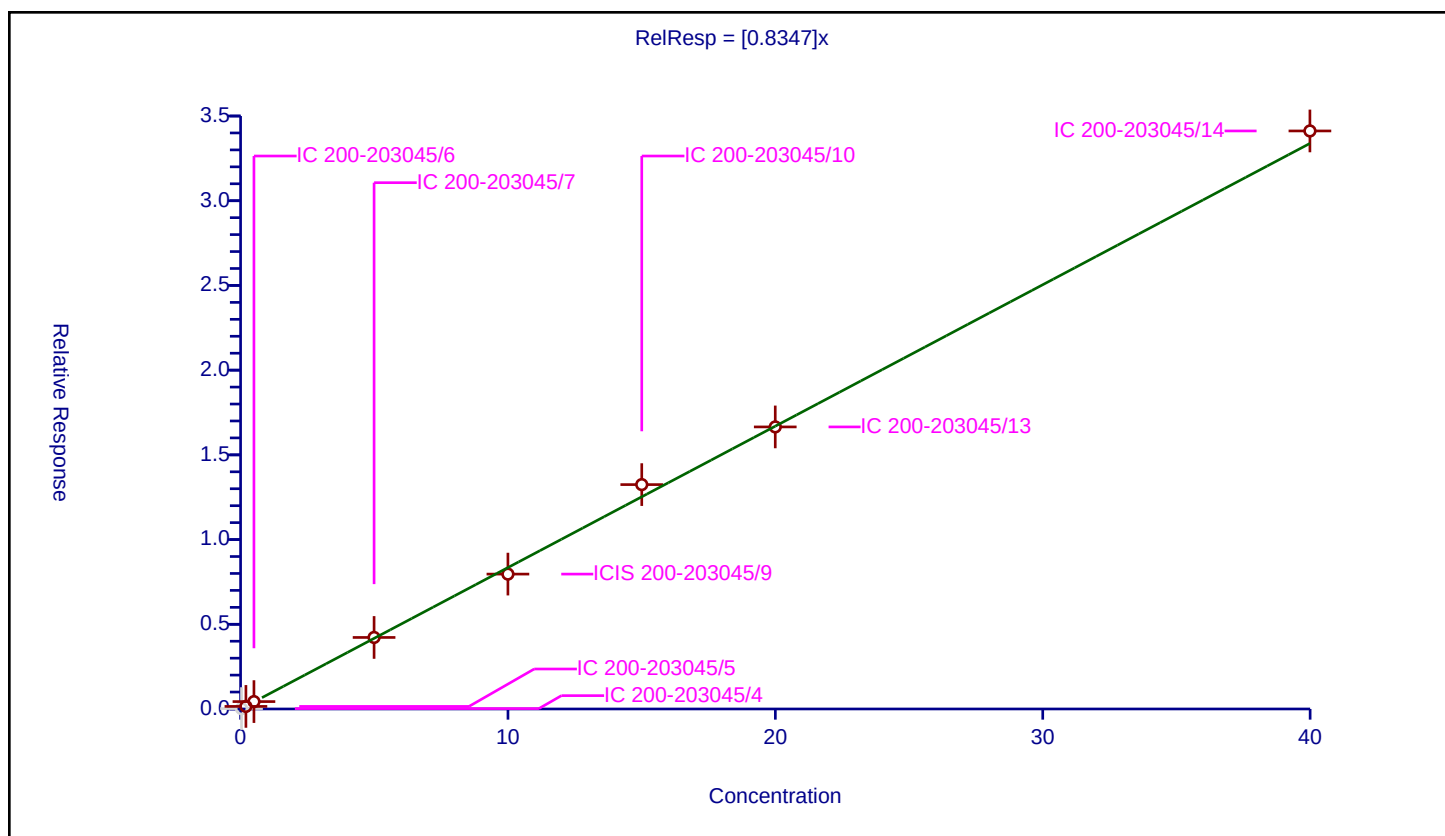
Curve Coefficients

Intercept: 0
Slope: 0.8347

Error Coefficients

Relative Standard Deviation: 5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.025085	10.0	841528.0	0.715151	N
2	IC 200-203045/5	0.20044	0.152232	10.0	810341.0	0.759491	Y
3	IC 200-203045/6	0.500453	0.4369	10.0	779011.0	0.87301	Y
4	IC 200-203045/7	4.992563	4.222871	10.0	784876.0	0.845832	Y
5	ICIS 200-203045/9	9.99806	7.961426	10.0	835128.0	0.796297	Y
6	IC 200-203045/10	15.003557	13.244556	10.0	844359.0	0.882761	Y
7	IC 200-203045/13	19.99612	16.648136	10.0	870104.0	0.832568	Y
8	IC 200-203045/14	39.99224	34.118034	10.0	885692.0	0.853116	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

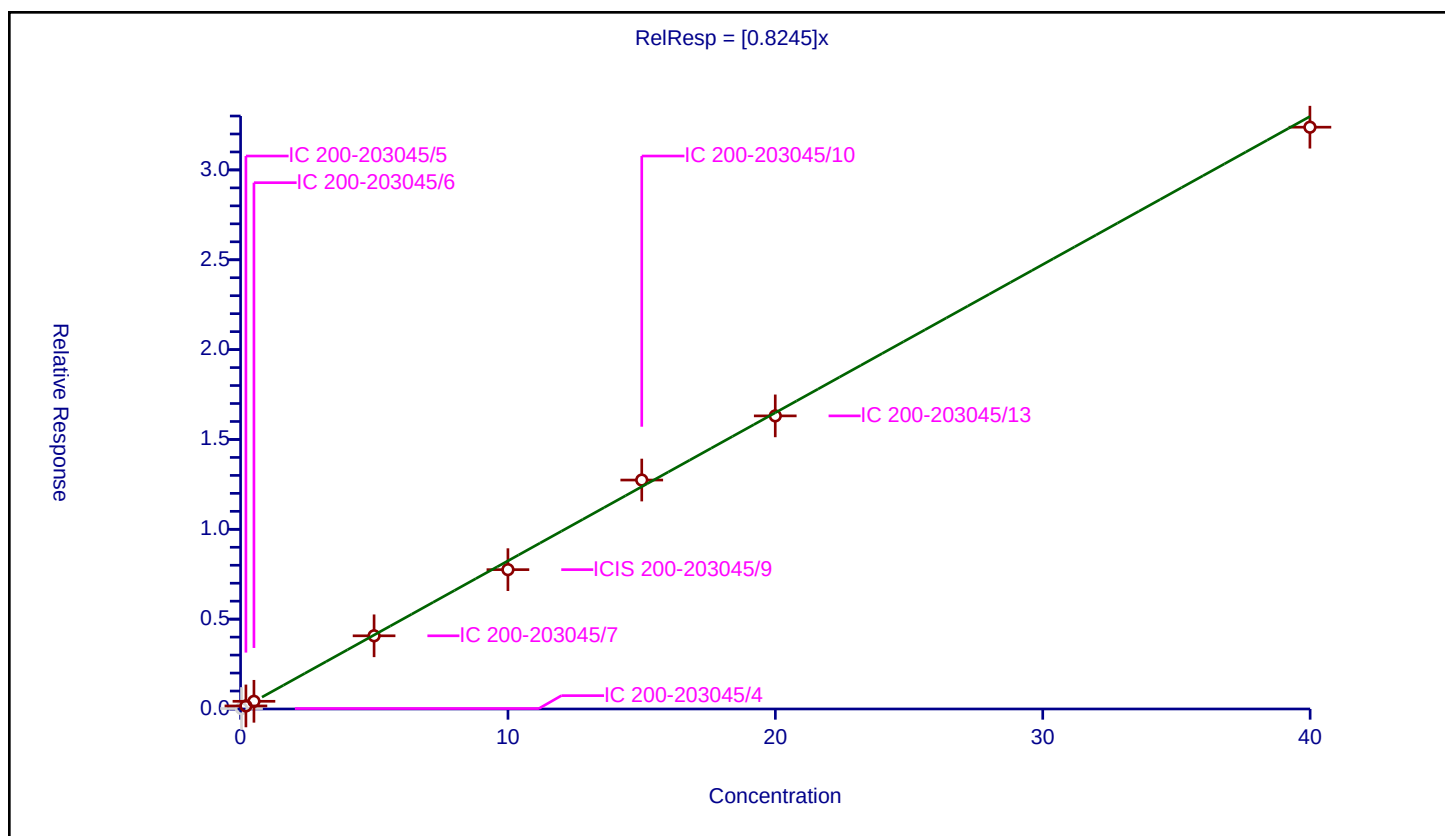
Curve Coefficients

Intercept: 0
Slope: 0.8245

Error Coefficients

Relative Standard Deviation: 3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.025311	10.0	841528.0	0.721588	N
2	IC 200-203045/5	0.20044	0.170496	10.0	810341.0	0.850611	Y
3	IC 200-203045/6	0.500453	0.427863	10.0	779011.0	0.854952	Y
4	IC 200-203045/7	4.992563	4.07249	10.0	784876.0	0.815711	Y
5	ICIS 200-203045/9	9.99806	7.754811	10.0	835128.0	0.775632	Y
6	IC 200-203045/10	15.003557	12.74118	10.0	844359.0	0.849211	Y
7	IC 200-203045/13	19.99612	16.311257	10.0	870104.0	0.815721	Y
8	IC 200-203045/14	39.99224	32.377655	10.0	885692.0	0.809598	Y



Calibration

/ Chlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

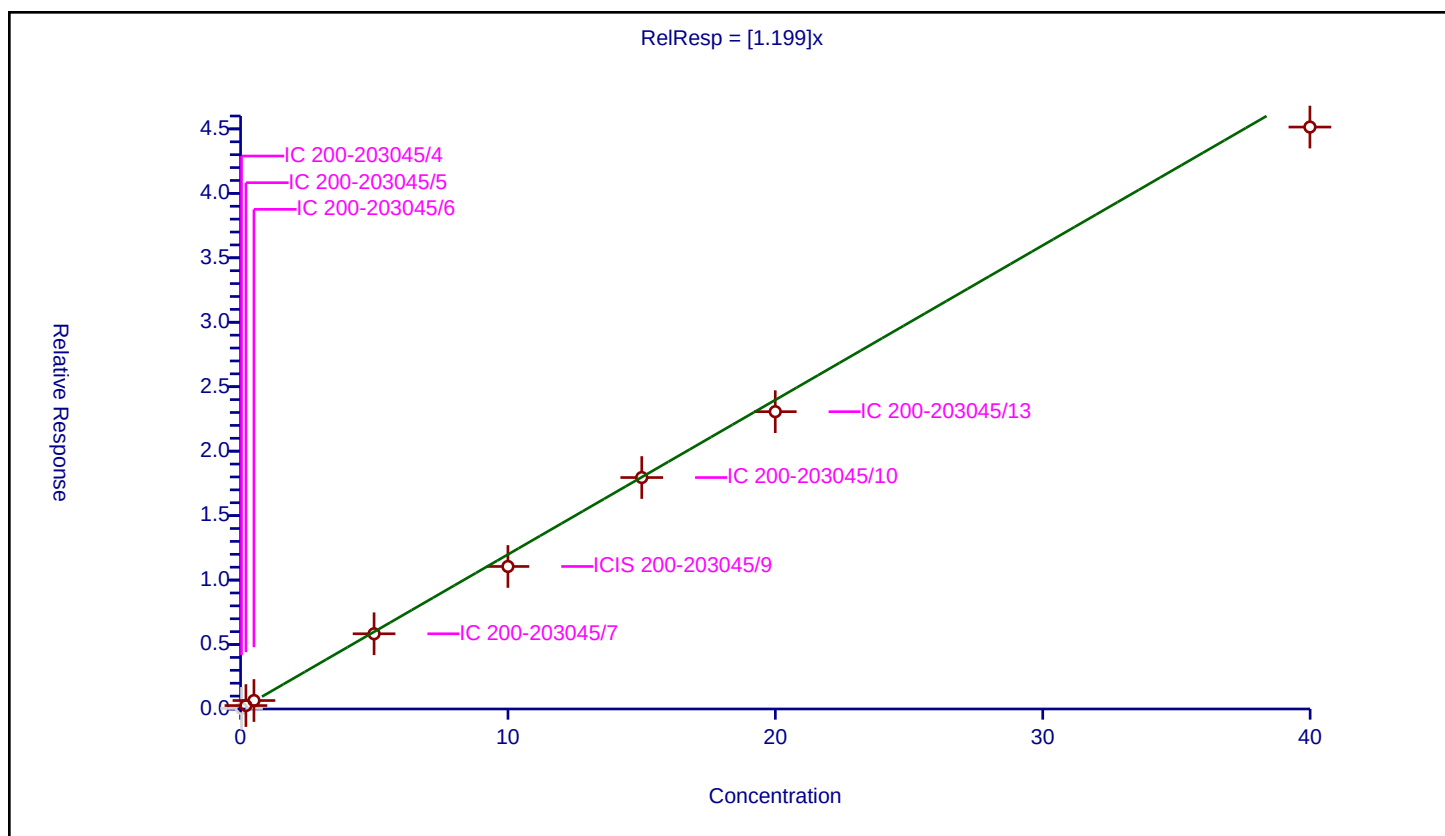
Curve Coefficients

Intercept: 0
Slope: 1.199

Error Coefficients

Relative Standard Deviation: 7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.044978	10.0	841528.0	1.282259	N
2	IC 200-203045/5	0.20044	0.265419	10.0	810341.0	1.324185	Y
3	IC 200-203045/6	0.500453	0.657577	10.0	779011.0	1.313965	Y
4	IC 200-203045/7	4.992563	5.834896	10.0	784876.0	1.168718	Y
5	ICIS 200-203045/9	9.99806	11.056317	10.0	835128.0	1.105846	Y
6	IC 200-203045/10	15.003557	17.954555	10.0	844359.0	1.196687	Y
7	IC 200-203045/13	19.99612	23.064093	10.0	870104.0	1.153428	Y
8	IC 200-203045/14	39.99224	45.144452	10.0	885692.0	1.12883	Y



Calibration

/ Ethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

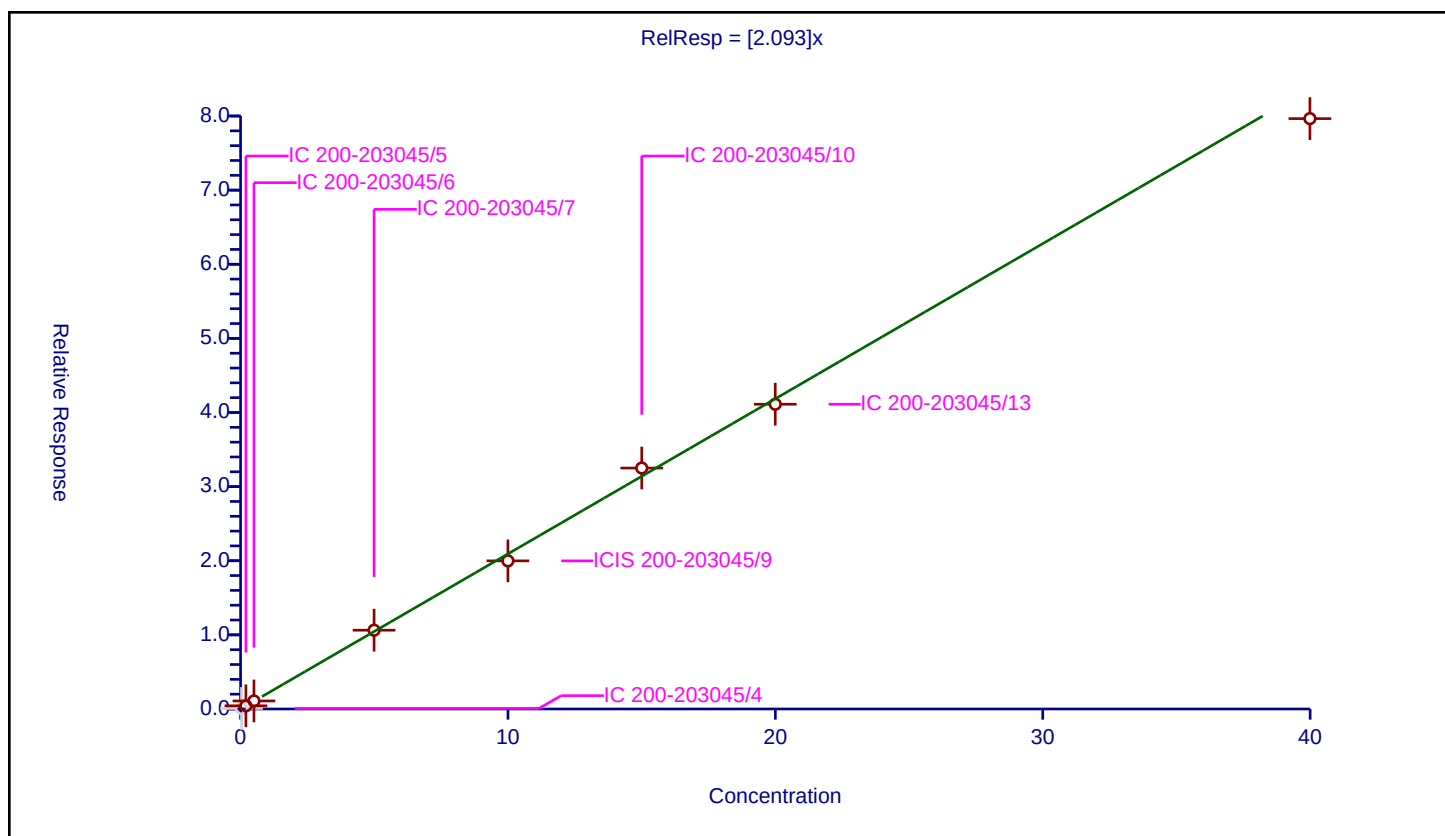
Curve Coefficients

Intercept: 0
Slope: 2.093

Error Coefficients

Relative Standard Deviation: 3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.07225	10.0	841528.0	2.059744	N
2	IC 200-203045/5	0.20044	0.428696	10.0	810341.0	2.138779	Y
3	IC 200-203045/6	0.500453	1.085235	10.0	779011.0	2.168507	Y
4	IC 200-203045/7	4.992563	10.628086	10.0	784876.0	2.128784	Y
5	ICIS 200-203045/9	9.99806	19.982087	10.0	835128.0	1.998596	Y
6	IC 200-203045/10	15.003557	32.506908	10.0	844359.0	2.166613	Y
7	IC 200-203045/13	19.99612	41.117315	10.0	870104.0	2.056265	Y
8	IC 200-203045/14	39.99224	79.648772	10.0	885692.0	1.991606	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

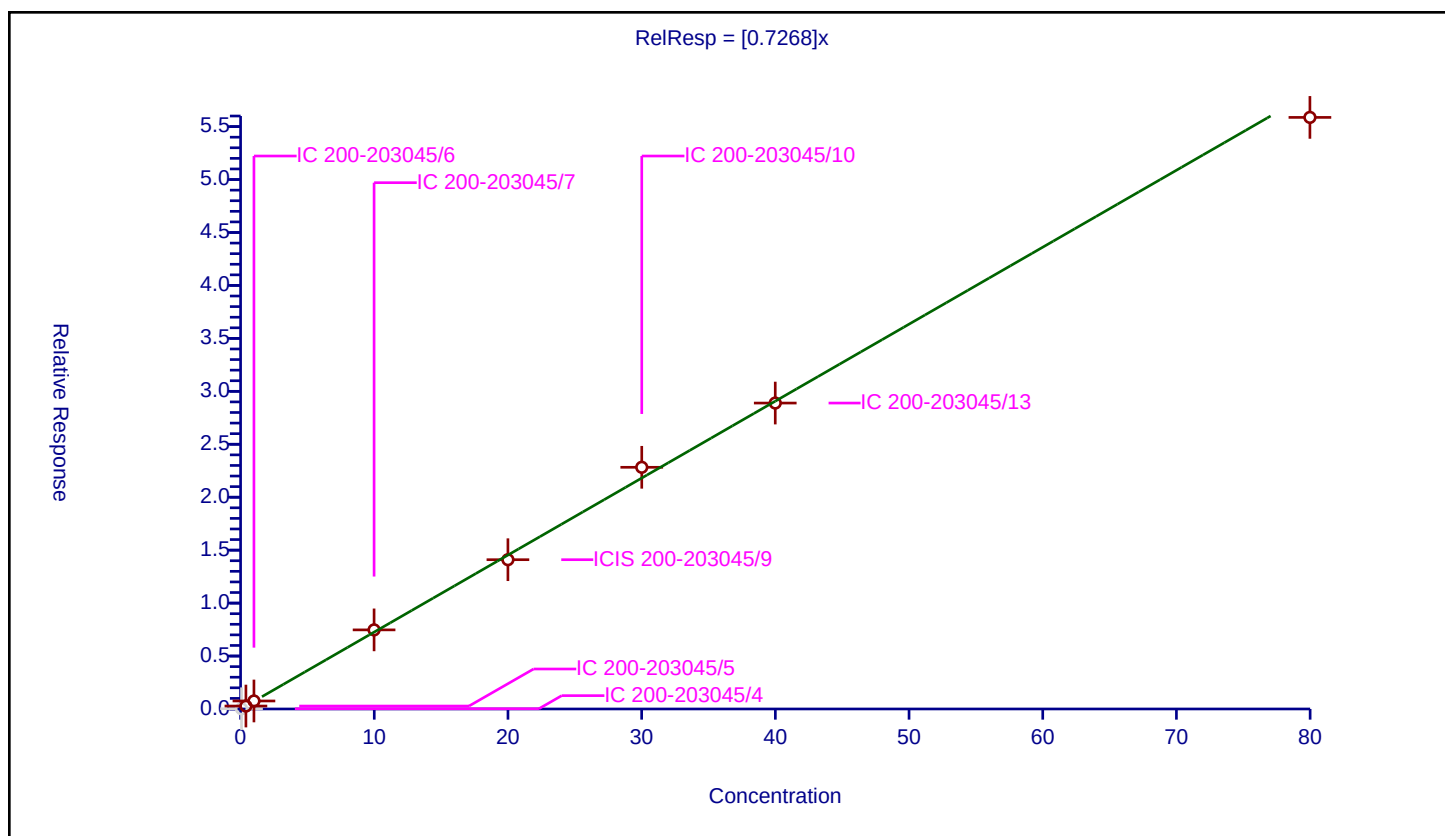
Curve Coefficients

Intercept: 0
Slope: 0.7268

Error Coefficients

Relative Standard Deviation: 3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.070154	0.02461	10.0	841528.0	0.3508	N
2	IC 200-203045/5	0.400879	0.27924	10.0	810341.0	0.69657	Y
3	IC 200-203045/6	1.000905	0.757268	10.0	779011.0	0.756583	Y
4	IC 200-203045/7	9.985126	7.469868	10.0	784876.0	0.7481	Y
5	ICIS 200-203045/9	19.99612	14.09821	10.0	835128.0	0.705047	Y
6	IC 200-203045/10	30.007114	22.824391	10.0	844359.0	0.760633	Y
7	IC 200-203045/13	39.99224	28.893144	10.0	870104.0	0.722469	Y
8	IC 200-203045/14	79.984479	55.869828	10.0	885692.0	0.698508	Y



Calibration

/ n-Nonane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

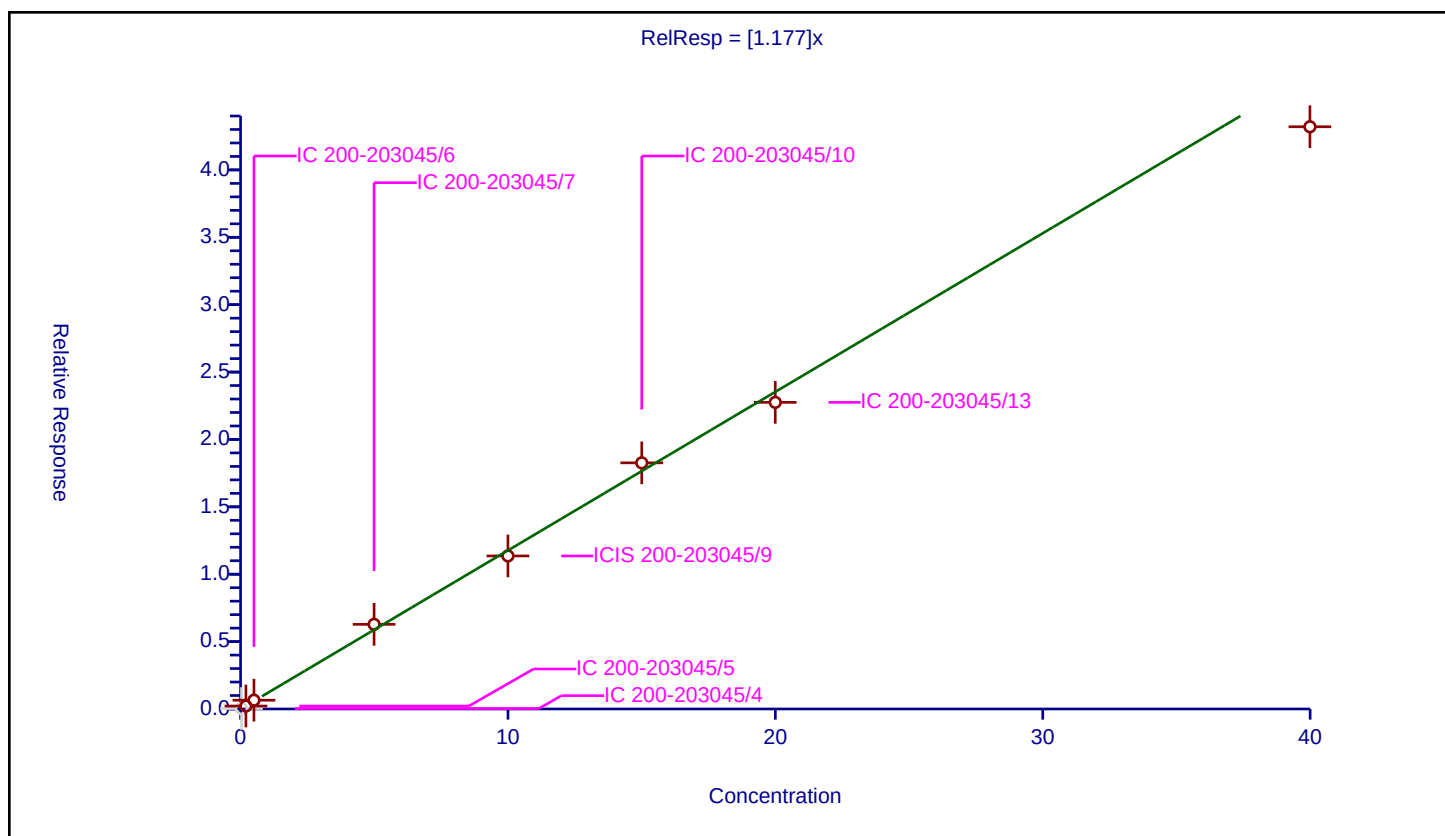
Curve Coefficients

Intercept: 0
 Slope: 1.177

Error Coefficients

Relative Standard Deviation: 7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.033023	10.0	841528.0	0.941452	N
2	IC 200-203045/5	0.20044	0.221524	10.0	810341.0	1.105191	Y
3	IC 200-203045/6	0.500453	0.65139	10.0	779011.0	1.301602	Y
4	IC 200-203045/7	4.992563	6.281196	10.0	784876.0	1.258111	Y
5	ICIS 200-203045/9	9.99806	11.35766	10.0	835128.0	1.135986	Y
6	IC 200-203045/10	15.003557	18.263712	10.0	844359.0	1.217292	Y
7	IC 200-203045/13	19.99612	22.752866	10.0	870104.0	1.137864	Y
8	IC 200-203045/14	39.99224	43.20231	10.0	885692.0	1.080267	Y



Calibration

/ o-Xylene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

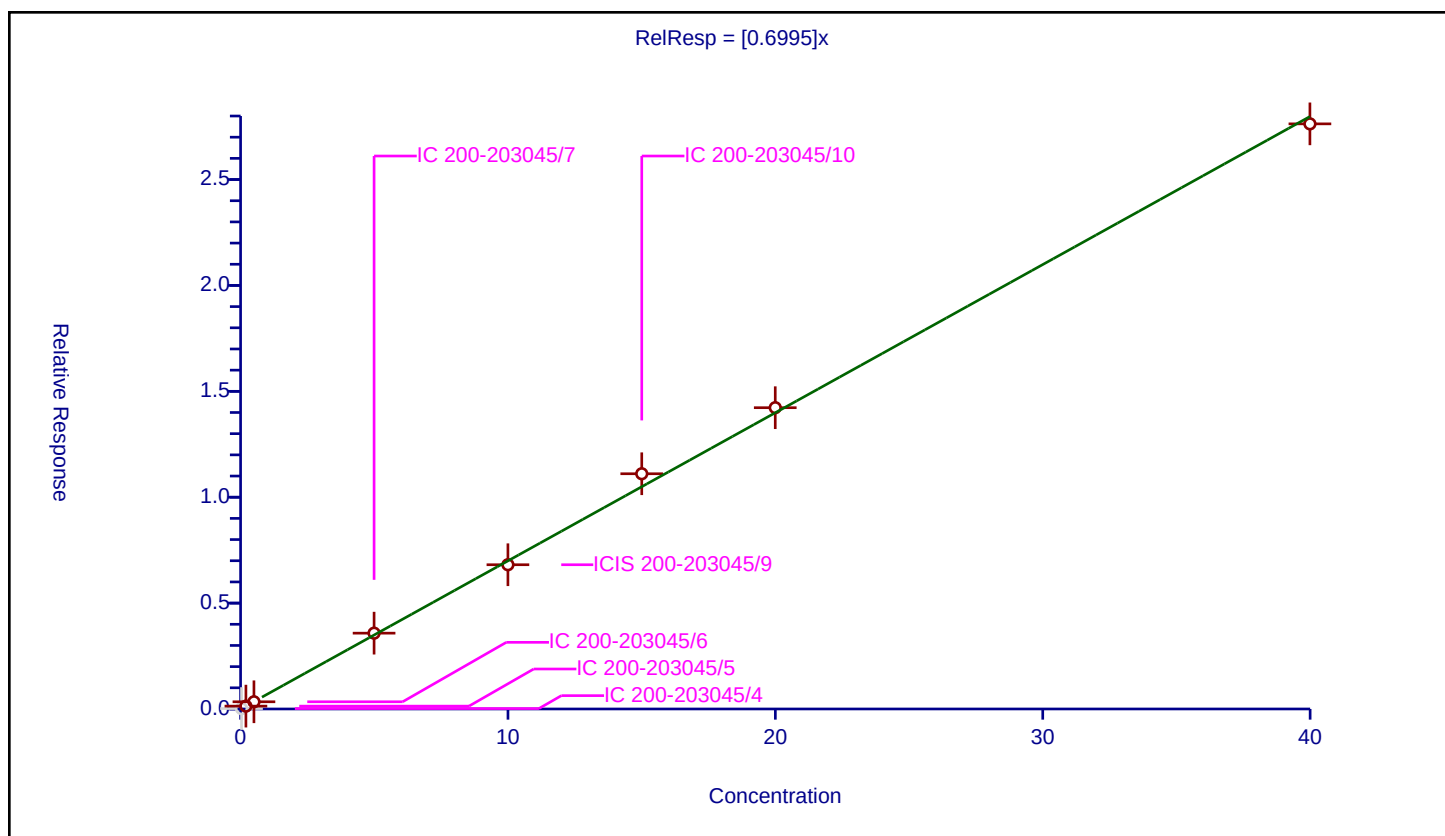
Curve Coefficients

Intercept: 0
Slope: 0.6995

Error Coefficients

Relative Standard Deviation: 3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.02114	10.0	841528.0	0.602678	N
2	IC 200-203045/5	0.20044	0.135424	10.0	810341.0	0.675637	Y
3	IC 200-203045/6	0.500453	0.340149	10.0	779011.0	0.679683	Y
4	IC 200-203045/7	4.992563	3.58082	10.0	784876.0	0.717231	Y
5	ICIS 200-203045/9	9.99806	6.811028	10.0	835128.0	0.681235	Y
6	IC 200-203045/10	15.003557	11.108498	10.0	844359.0	0.740391	Y
7	IC 200-203045/13	19.99612	14.227506	10.0	870104.0	0.711513	Y
8	IC 200-203045/14	39.99224	27.62956	10.0	885692.0	0.690873	Y



Calibration

/ Styrene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

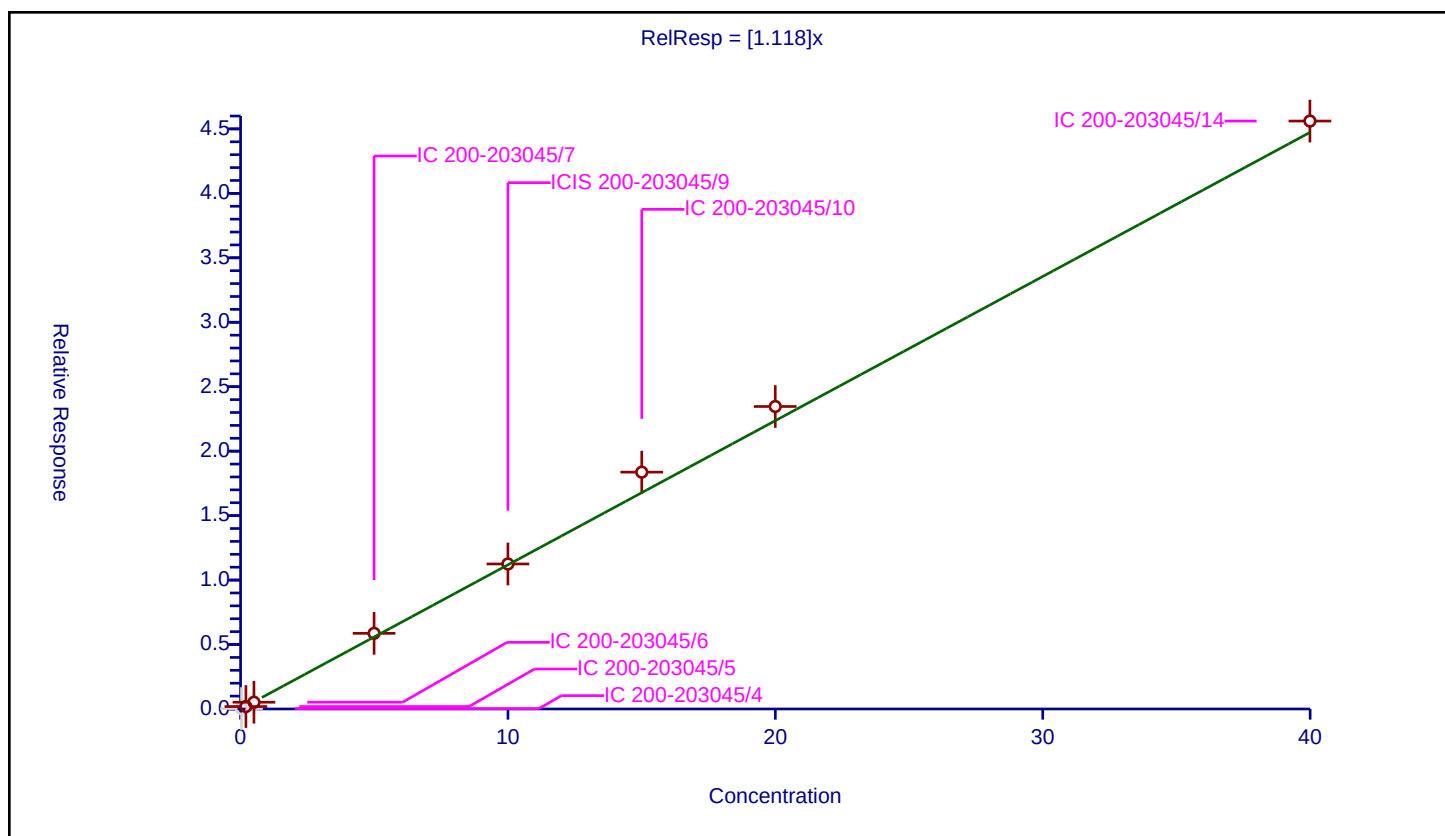
Curve Coefficients

Intercept: 0
Slope: 1.118

Error Coefficients

Relative Standard Deviation: 8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.03067	10.0	841528.0	0.874375	N
2	IC 200-203045/5	0.20044	0.188846	10.0	810341.0	0.942161	Y
3	IC 200-203045/6	0.500453	0.524254	10.0	779011.0	1.047561	Y
4	IC 200-203045/7	4.992563	5.867373	10.0	784876.0	1.175223	Y
5	ICIS 200-203045/9	9.99806	11.251293	10.0	835128.0	1.125348	Y
6	IC 200-203045/10	15.003557	18.372138	10.0	844359.0	1.224519	Y
7	IC 200-203045/13	19.99612	23.466907	10.0	870104.0	1.173573	Y
8	IC 200-203045/14	39.99224	45.608869	10.0	885692.0	1.140443	Y



Calibration

/ Bromoform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

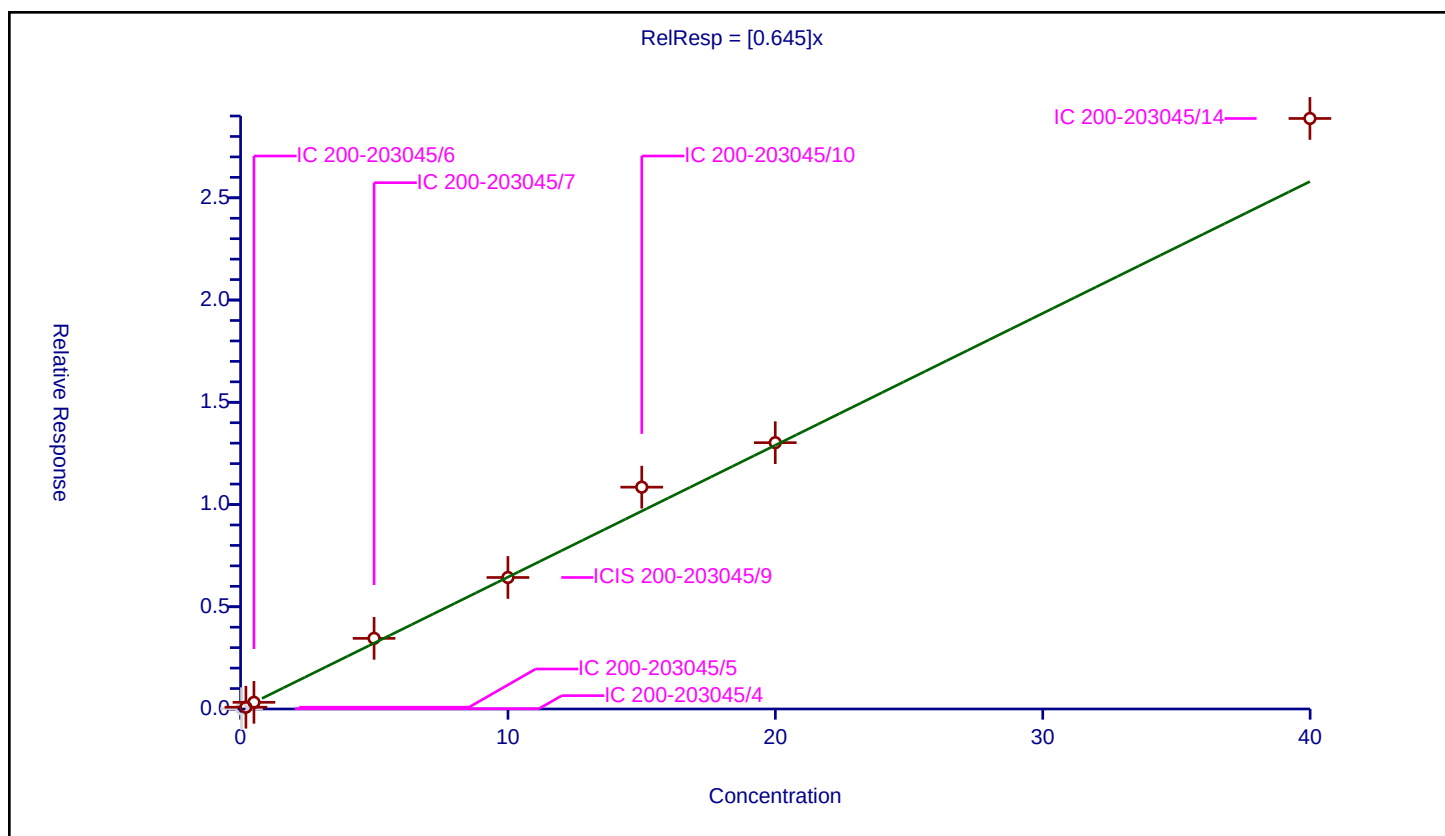
Curve Coefficients

Intercept: 0
Slope: 0.645

Error Coefficients

Relative Standard Deviation: 15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.013309	10.0	841528.0	0.379427	N
2	IC 200-203045/5	0.20044	0.0861	10.0	810341.0	0.429553	Y
3	IC 200-203045/6	0.500453	0.327184	10.0	779011.0	0.653776	Y
4	IC 200-203045/7	4.992563	3.454507	10.0	784876.0	0.691931	Y
5	ICIS 200-203045/9	9.99806	6.430882	10.0	835128.0	0.643213	Y
6	IC 200-203045/10	15.003557	10.848774	10.0	844359.0	0.72308	Y
7	IC 200-203045/13	19.99612	13.024432	10.0	870104.0	0.651348	Y
8	IC 200-203045/14	39.99224	28.880209	10.0	885692.0	0.722145	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

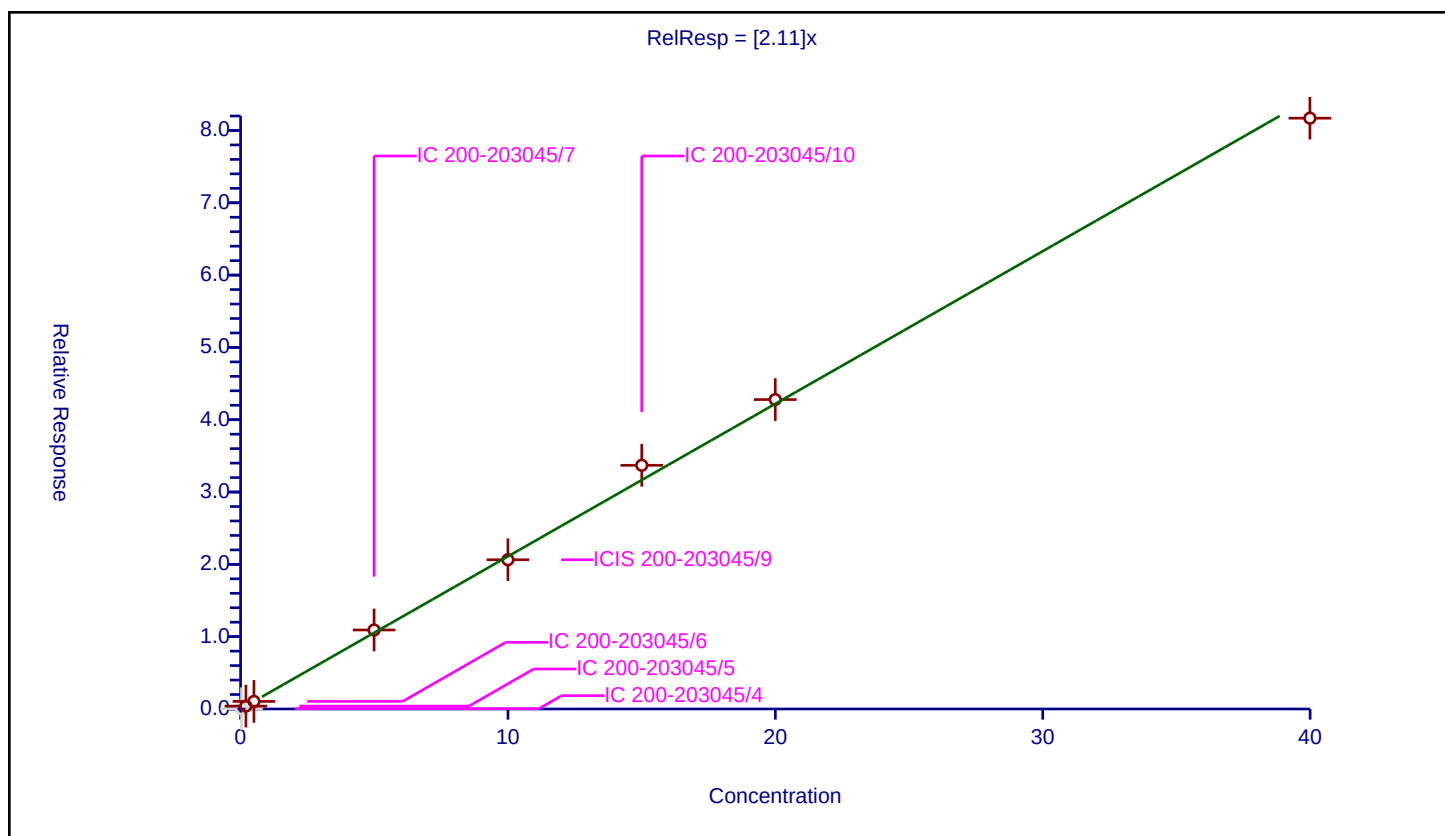
Curve Coefficients

Intercept: 0
Slope: 2.11

Error Coefficients

Relative Standard Deviation: 4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.037491	10.0	841528.0	1.068831	N
2	IC 200-203045/5	0.20044	0.39903	10.0	810341.0	1.990771	Y
3	IC 200-203045/6	0.500453	1.050537	10.0	779011.0	2.099174	Y
4	IC 200-203045/7	4.992563	10.922923	10.0	784876.0	2.187839	Y
5	ICIS 200-203045/9	9.99806	20.639411	10.0	835128.0	2.064342	Y
6	IC 200-203045/10	15.003557	33.700618	10.0	844359.0	2.246175	Y
7	IC 200-203045/13	19.99612	42.789816	10.0	870104.0	2.139906	Y
8	IC 200-203045/14	39.99224	81.70207	10.0	885692.0	2.042948	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

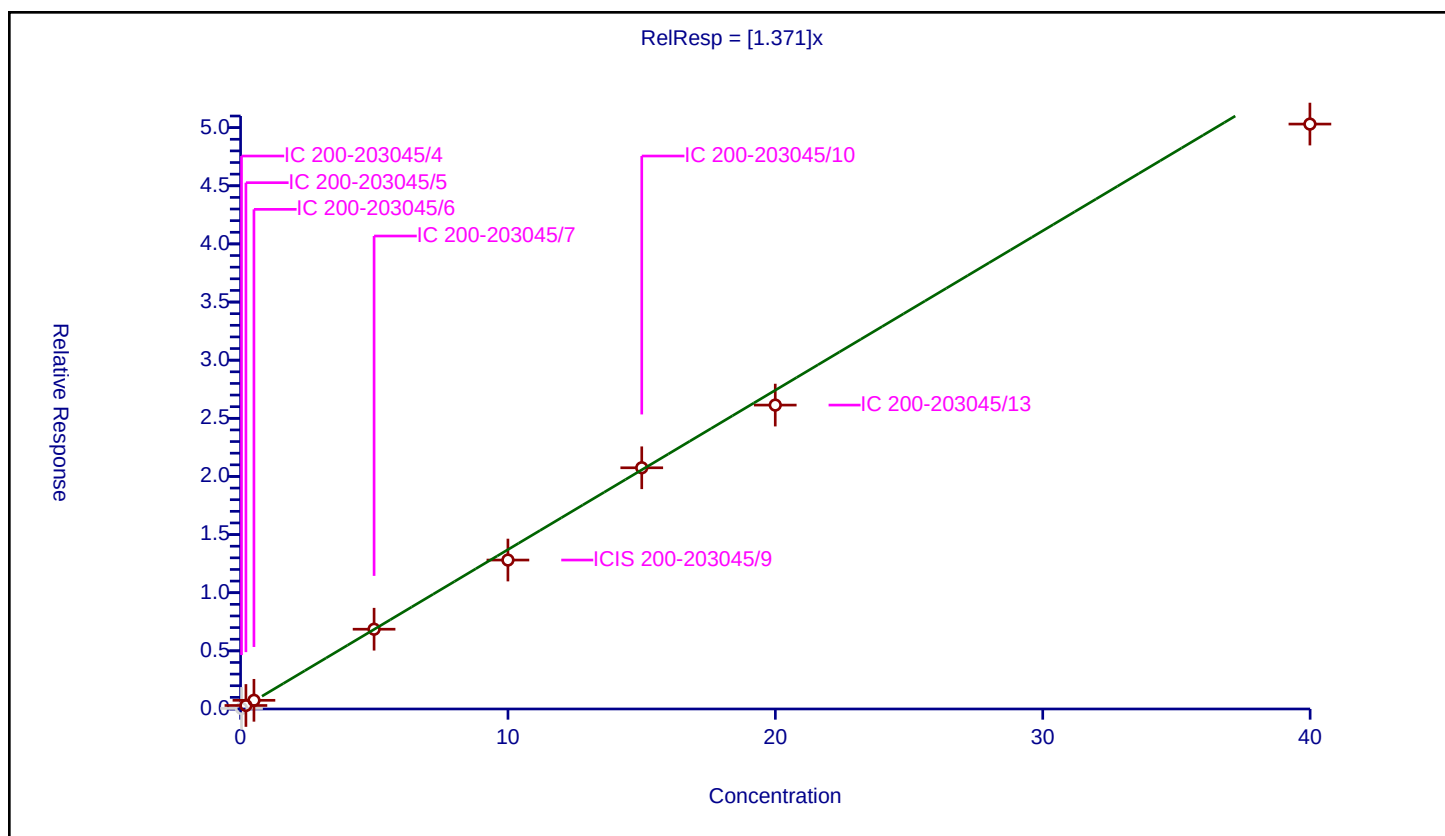
Curve Coefficients

Intercept: 0
Slope: 1.371

Error Coefficients

Relative Standard Deviation: 7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.048745	10.0	841528.0	1.38965	N
2	IC 200-203045/5	0.20044	0.301095	10.0	810341.0	1.502175	Y
3	IC 200-203045/6	0.500453	0.746113	10.0	779011.0	1.490876	Y
4	IC 200-203045/7	4.992563	6.860561	10.0	784876.0	1.374156	Y
5	ICIS 200-203045/9	9.99806	12.811246	10.0	835128.0	1.281373	Y
6	IC 200-203045/10	15.003557	20.747123	10.0	844359.0	1.382814	Y
7	IC 200-203045/13	19.99612	26.139013	10.0	870104.0	1.307204	Y
8	IC 200-203045/14	39.99224	50.306348	10.0	885692.0	1.257903	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

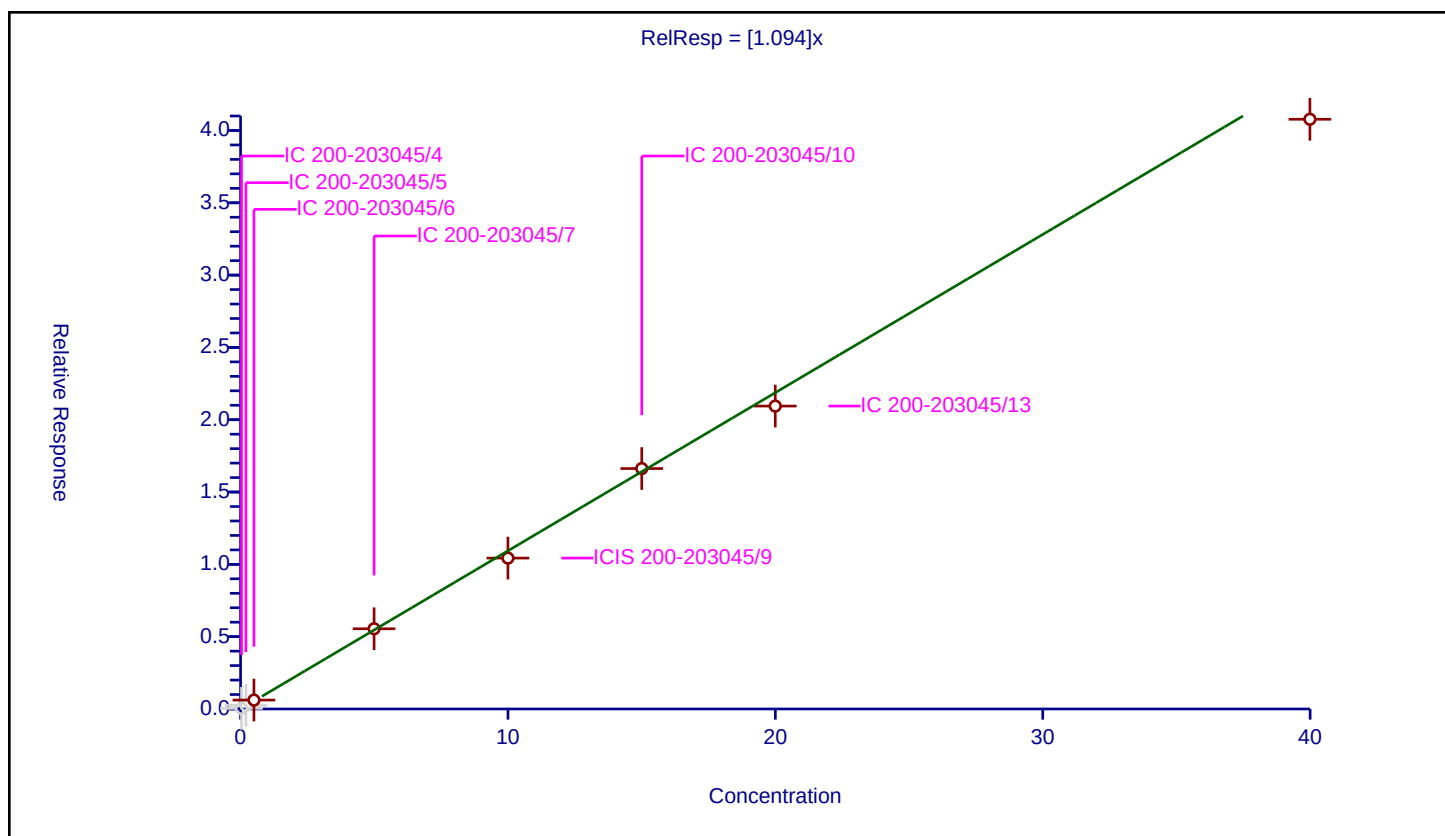
Curve Coefficients

Intercept: 0
Slope: 1.094

Error Coefficients

Relative Standard Deviation: 7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.043136	10.0	841528.0	1.229749	N
2	IC 200-203045/5	0.20044	0.25045	10.0	810341.0	1.249504	N
3	IC 200-203045/6	0.500453	0.616679	10.0	779011.0	1.232243	Y
4	IC 200-203045/7	4.992563	5.547768	10.0	784876.0	1.111206	Y
5	ICIS 200-203045/9	9.99806	10.434017	10.0	835128.0	1.043604	Y
6	IC 200-203045/10	15.003557	16.624197	10.0	844359.0	1.108017	Y
7	IC 200-203045/13	19.99612	20.944726	10.0	870104.0	1.04744	Y
8	IC 200-203045/14	39.99224	40.775744	10.0	885692.0	1.019591	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

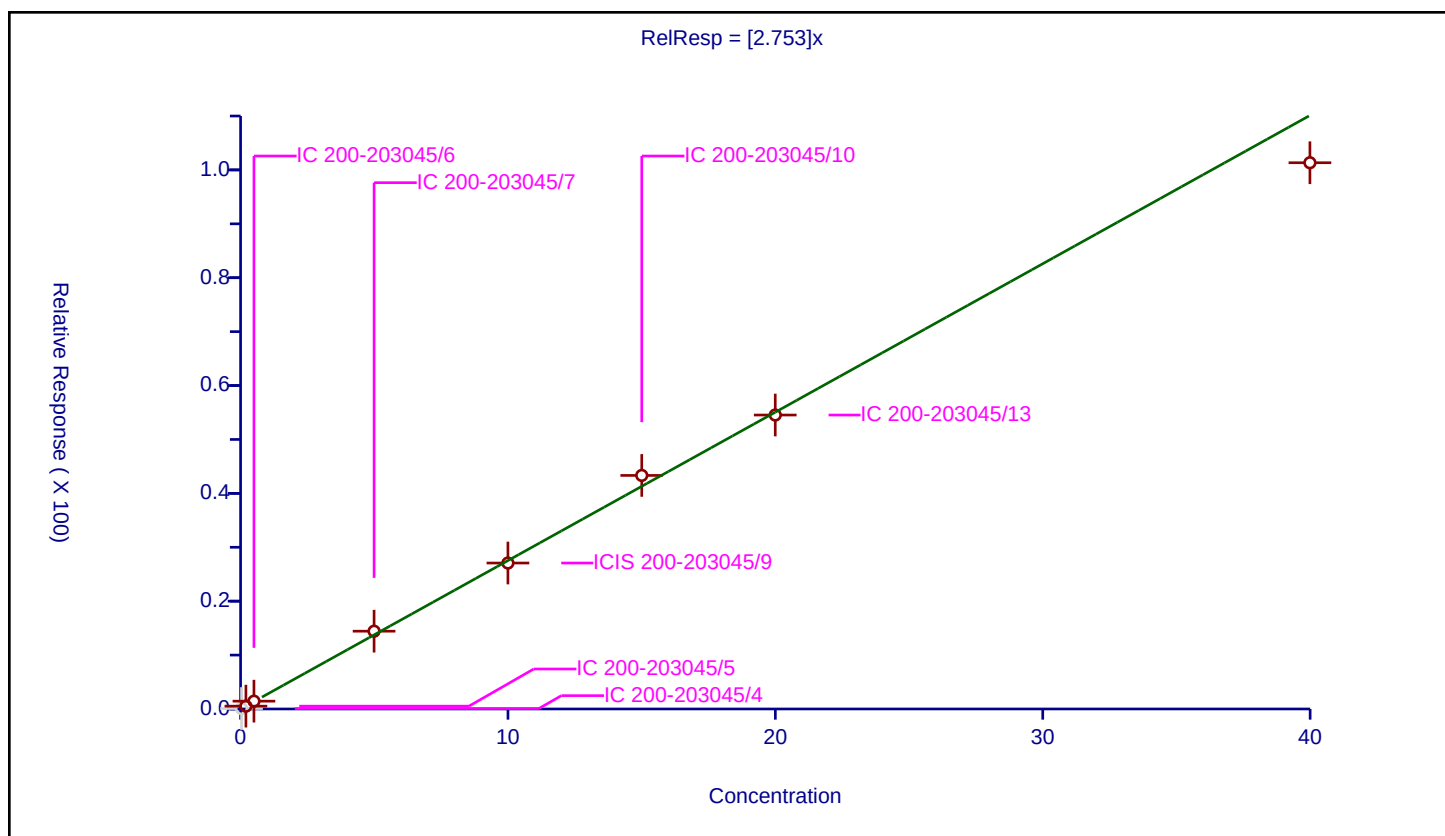
Curve Coefficients

Intercept: 0
Slope: 2.753

Error Coefficients

Relative Standard Deviation: 5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.084572	10.0	841528.0	2.411053	N
2	IC 200-203045/5	0.20044	0.526433	10.0	810341.0	2.62639	Y
3	IC 200-203045/6	0.500453	1.45066	10.0	779011.0	2.898696	Y
4	IC 200-203045/7	4.992563	14.430674	10.0	784876.0	2.890434	Y
5	ICIS 200-203045/9	9.99806	27.074113	10.0	835128.0	2.707937	Y
6	IC 200-203045/10	15.003557	43.32817	10.0	844359.0	2.88786	Y
7	IC 200-203045/13	19.99612	54.533366	10.0	870104.0	2.727197	Y
8	IC 200-203045/14	39.99224	101.333071	10.0	885692.0	2.533818	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

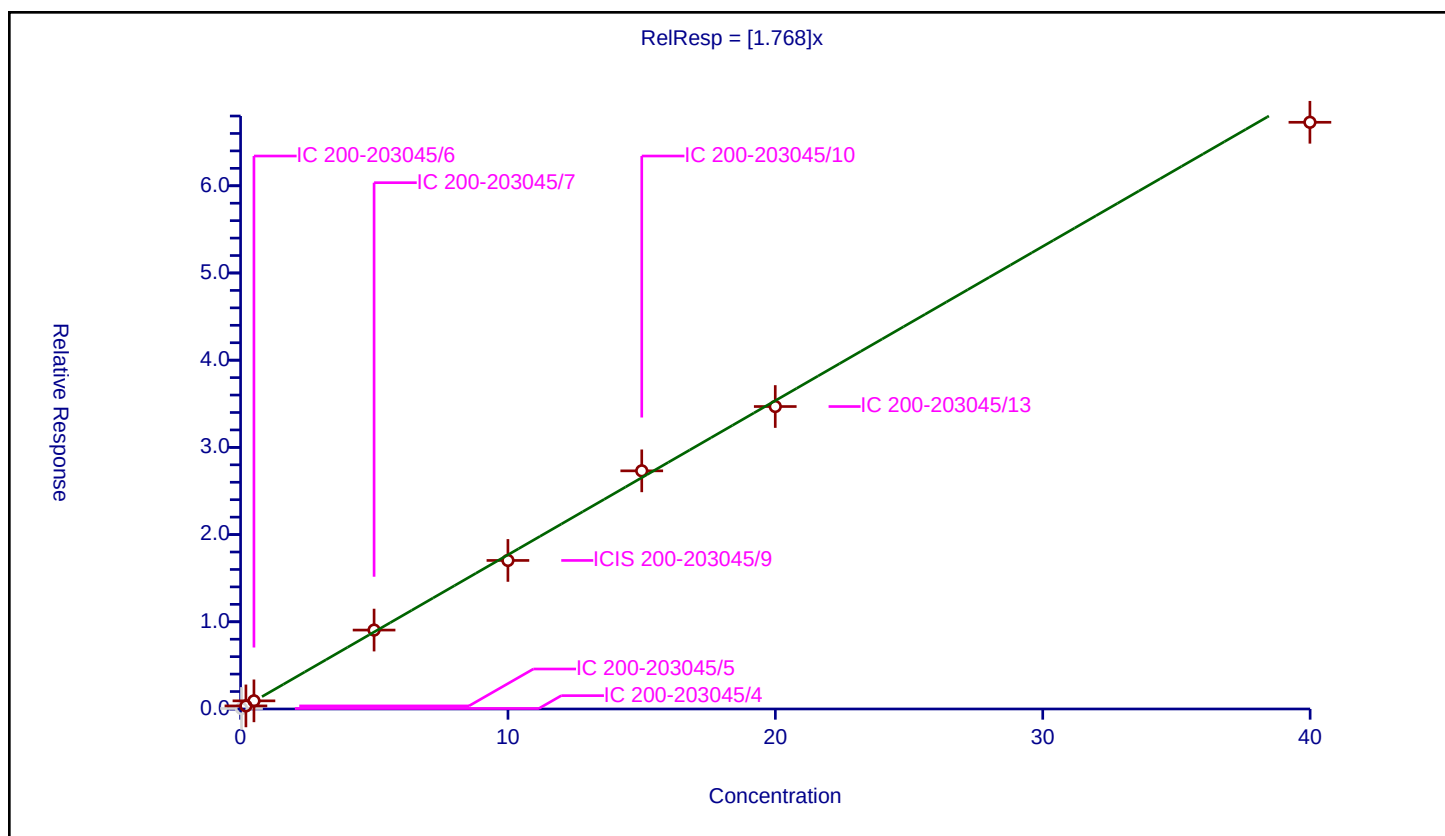
Curve Coefficients

Intercept: 0
Slope: 1.768

Error Coefficients

Relative Standard Deviation: 3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.060022	10.0	841528.0	1.711146	N
2	IC 200-203045/5	0.20044	0.351815	10.0	810341.0	1.755216	Y
3	IC 200-203045/6	0.500453	0.934634	10.0	779011.0	1.867577	Y
4	IC 200-203045/7	4.992563	9.051251	10.0	784876.0	1.812947	Y
5	ICIS 200-203045/9	9.99806	17.034586	10.0	835128.0	1.703789	Y
6	IC 200-203045/10	15.003557	27.309687	10.0	844359.0	1.820214	Y
7	IC 200-203045/13	19.99612	34.687141	10.0	870104.0	1.734694	Y
8	IC 200-203045/14	39.99224	67.282848	10.0	885692.0	1.682398	Y



Calibration

/ 4-Ethyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

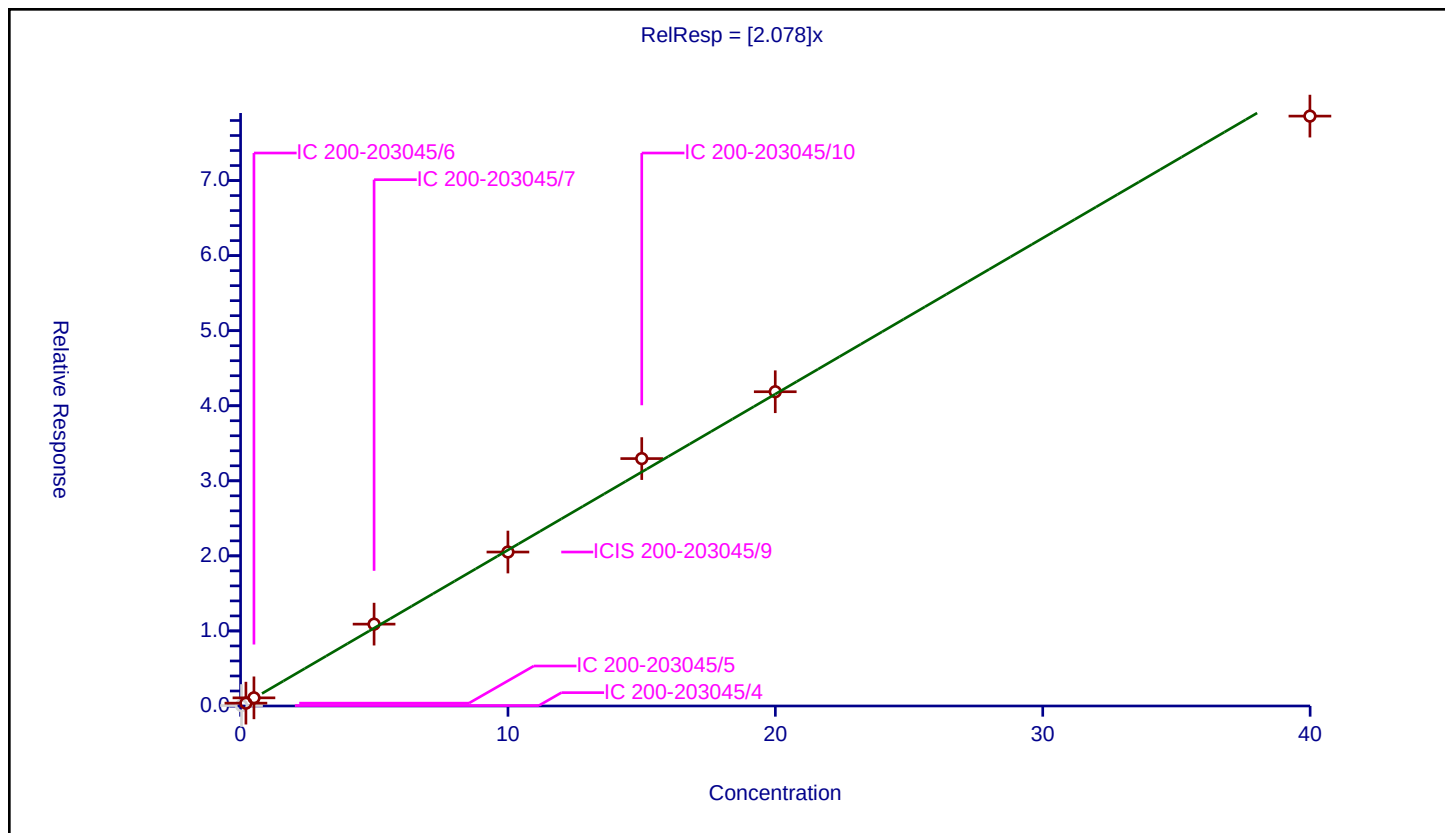
Curve Coefficients

Intercept: 0
Slope: 2.078

Error Coefficients

Relative Standard Deviation: 5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.058524	10.0	841528.0	1.668461	N
2	IC 200-203045/5	0.20044	0.377446	10.0	810341.0	1.883091	Y
3	IC 200-203045/6	0.500453	1.086454	10.0	779011.0	2.170944	Y
4	IC 200-203045/7	4.992563	10.904474	10.0	784876.0	2.184144	Y
5	ICIS 200-203045/9	9.99806	20.51058	10.0	835128.0	2.051456	Y
6	IC 200-203045/10	15.003557	32.959819	10.0	844359.0	2.1968	Y
7	IC 200-203045/13	19.99612	41.866524	10.0	870104.0	2.093732	Y
8	IC 200-203045/14	39.99224	78.587782	10.0	885692.0	1.965076	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

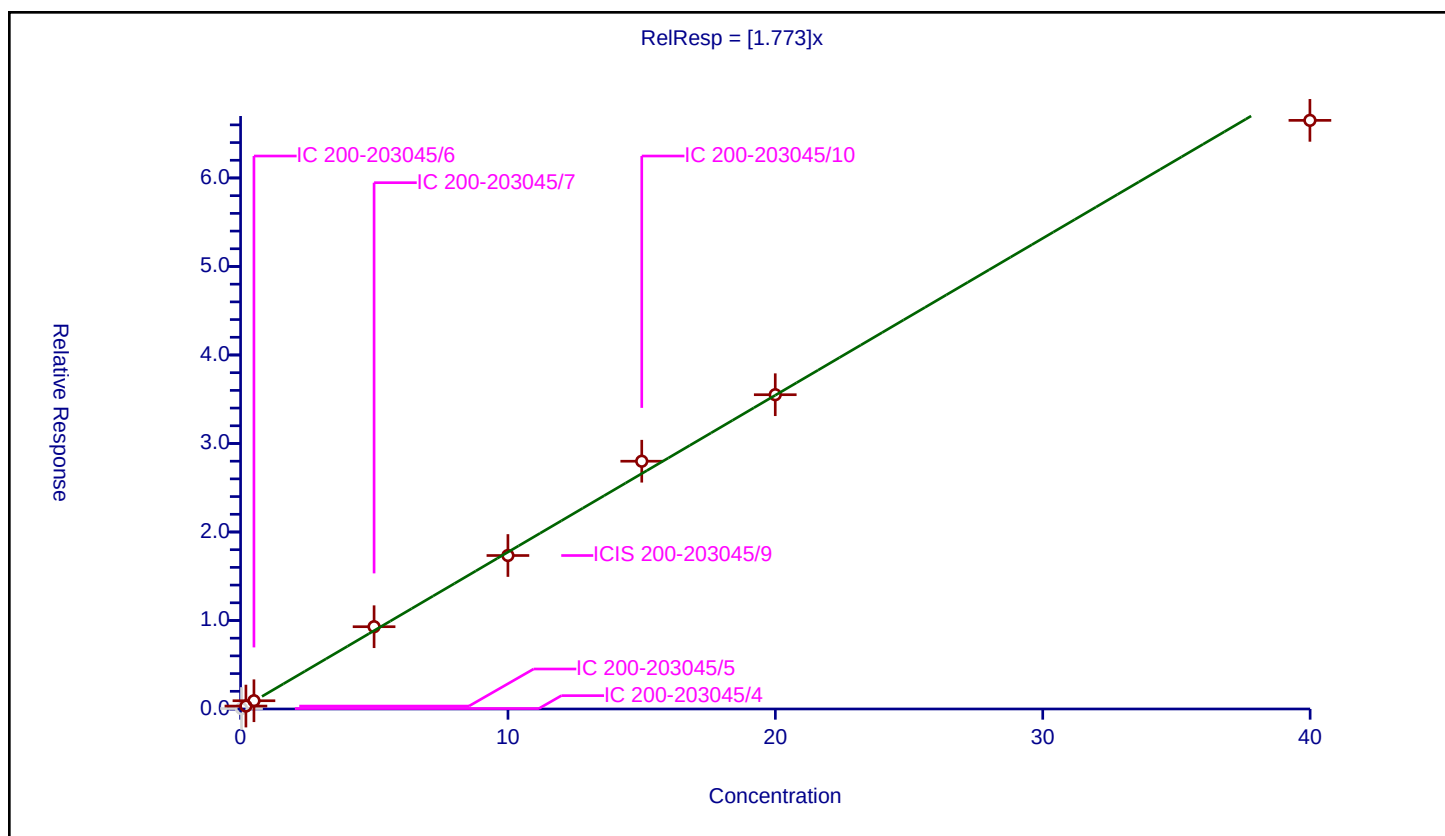
Curve Coefficients

Intercept: 0
Slope: 1.773

Error Coefficients

Relative Standard Deviation: 5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.051597	10.0	841528.0	1.470955	N
2	IC 200-203045/5	0.20044	0.330182	10.0	810341.0	1.647289	Y
3	IC 200-203045/6	0.500453	0.931065	10.0	779011.0	1.860446	Y
4	IC 200-203045/7	4.992563	9.295328	10.0	784876.0	1.861835	Y
5	ICIS 200-203045/9	9.99806	17.342826	10.0	835128.0	1.734619	Y
6	IC 200-203045/10	15.003557	27.996693	10.0	844359.0	1.866004	Y
7	IC 200-203045/13	19.99612	35.509502	10.0	870104.0	1.77582	Y
8	IC 200-203045/14	39.99224	66.509599	10.0	885692.0	1.663063	Y



Calibration

/ n-Decane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

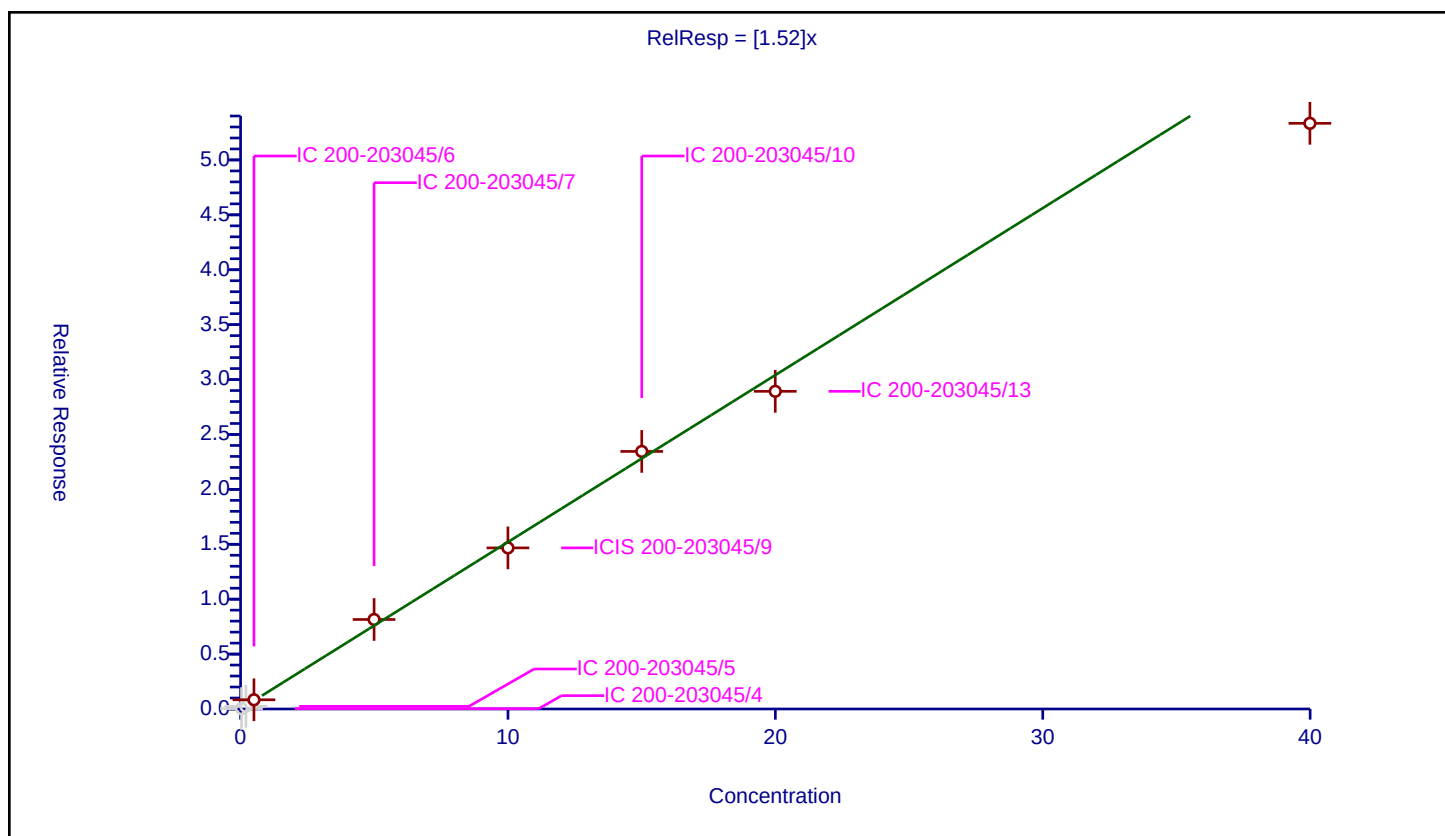
Curve Coefficients

Intercept: 0
Slope: 1.52

Error Coefficients

Relative Standard Deviation: 8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.034627	10.0	841528.0	0.987187	N
2	IC 200-203045/5	0.20044	0.24138	10.0	810341.0	1.204252	N
3	IC 200-203045/6	0.500453	0.840104	10.0	779011.0	1.678688	Y
4	IC 200-203045/7	4.992563	8.151237	10.0	784876.0	1.632676	Y
5	ICIS 200-203045/9	9.99806	14.670841	10.0	835128.0	1.467369	Y
6	IC 200-203045/10	15.003557	23.455698	10.0	844359.0	1.563343	Y
7	IC 200-203045/13	19.99612	28.927979	10.0	870104.0	1.44668	Y
8	IC 200-203045/14	39.99224	53.334127	10.0	885692.0	1.333612	Y



Calibration

/ Alpha Methyl Styrene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

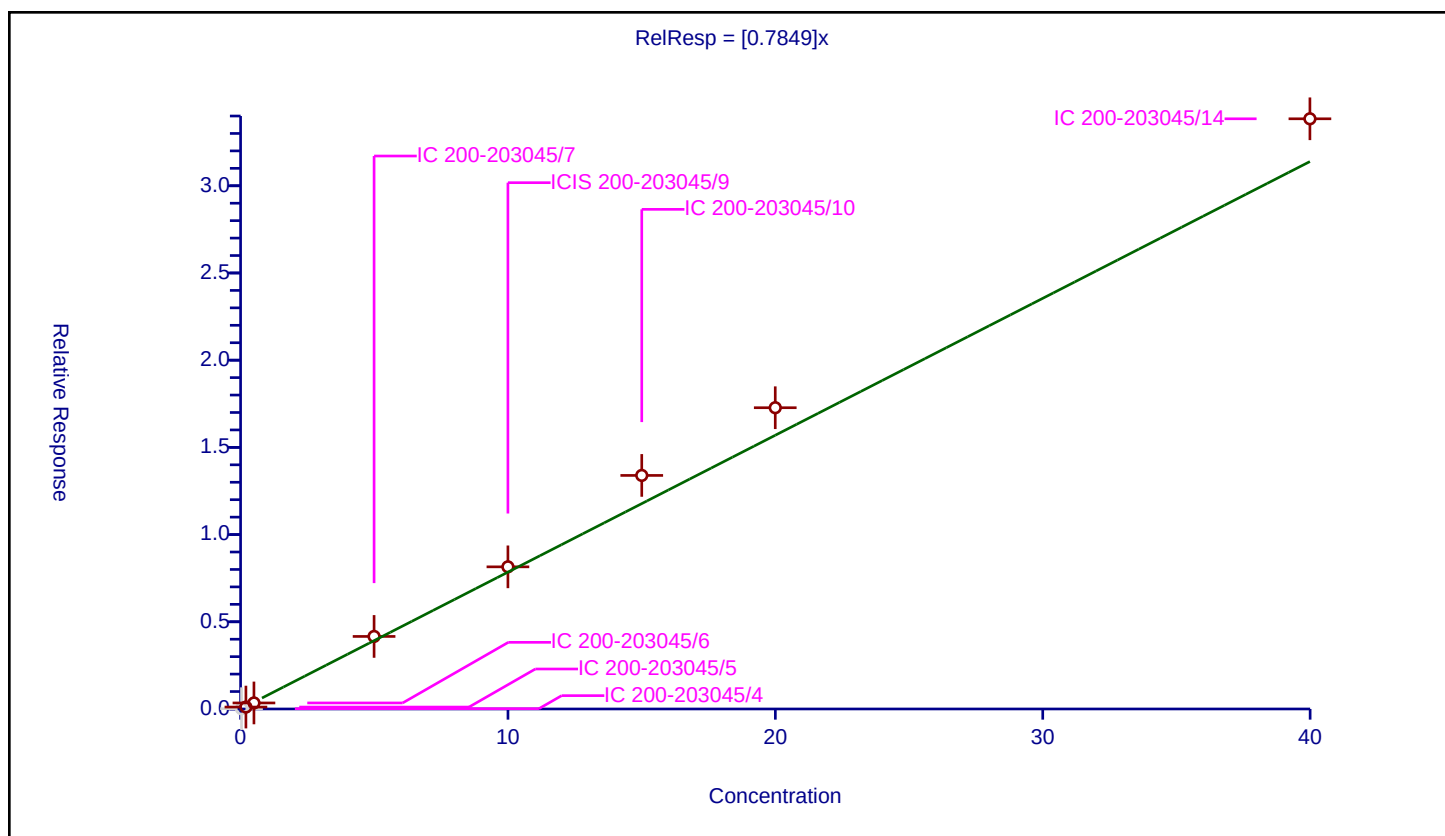
Curve Coefficients

Intercept: 0
Slope: 0.7849

Error Coefficients

Relative Standard Deviation: 15.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.017492	10.0	841528.0	0.498675	N
2	IC 200-203045/5	0.20044	0.110275	10.0	810341.0	0.550163	Y
3	IC 200-203045/6	0.500453	0.346812	10.0	779011.0	0.692996	Y
4	IC 200-203045/7	4.992563	4.159855	10.0	784876.0	0.83321	Y
5	ICIS 200-203045/9	9.99806	8.1499	10.0	835128.0	0.815148	Y
6	IC 200-203045/10	15.003557	13.391922	10.0	844359.0	0.892583	Y
7	IC 200-203045/13	19.99612	17.274039	10.0	870104.0	0.86387	Y
8	IC 200-203045/14	39.99224	33.840511	10.0	885692.0	0.846177	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

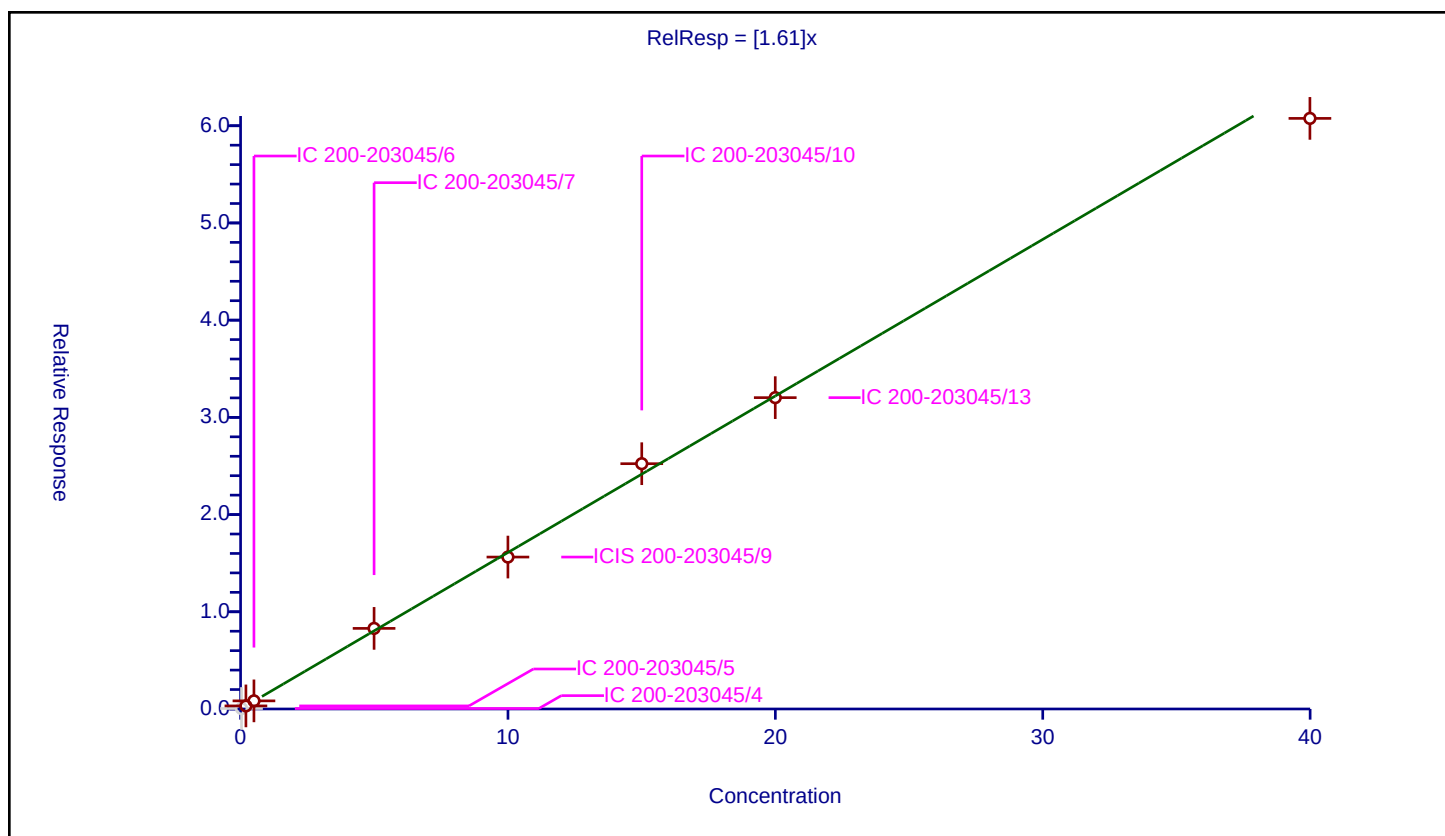
Curve Coefficients

Intercept: 0
Slope: 1.61

Error Coefficients

Relative Standard Deviation: 3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.051775	10.0	841528.0	1.476037	N
2	IC 200-203045/5	0.20044	0.316311	10.0	810341.0	1.578087	Y
3	IC 200-203045/6	0.500453	0.833993	10.0	779011.0	1.666478	Y
4	IC 200-203045/7	4.992563	8.291029	10.0	784876.0	1.660676	Y
5	ICIS 200-203045/9	9.99806	15.628251	10.0	835128.0	1.563128	Y
6	IC 200-203045/10	15.003557	25.234456	10.0	844359.0	1.681898	Y
7	IC 200-203045/13	19.99612	32.02816	10.0	870104.0	1.601719	Y
8	IC 200-203045/14	39.99224	60.756775	10.0	885692.0	1.519214	Y



Calibration

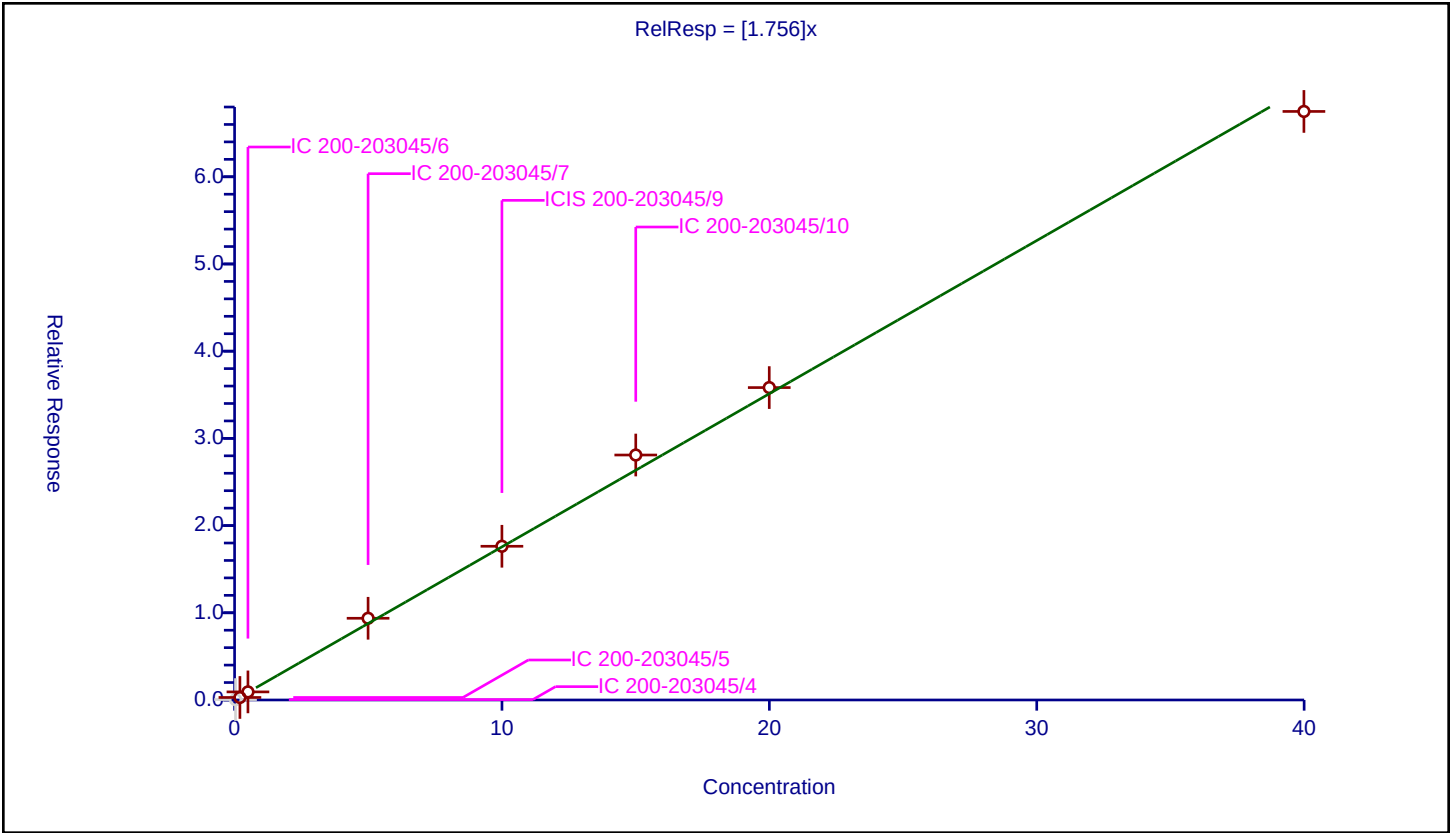
/ 1,2,4-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.756

Error Coefficients	
Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.045964	10.0	841528.0	1.310377	N
2	IC 200-203045/5	0.20044	0.290446	10.0	810341.0	1.449043	Y
3	IC 200-203045/6	0.500453	0.927086	10.0	779011.0	1.852495	Y
4	IC 200-203045/7	4.992563	9.370436	10.0	784876.0	1.876879	Y
5	ICIS 200-203045/9	9.99806	17.627944	10.0	835128.0	1.763137	Y
6	IC 200-203045/10	15.003557	28.093536	10.0	844359.0	1.872458	Y
7	IC 200-203045/13	19.99612	35.825304	10.0	870104.0	1.791613	Y
8	IC 200-203045/14	39.99224	67.492537	10.0	885692.0	1.687641	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

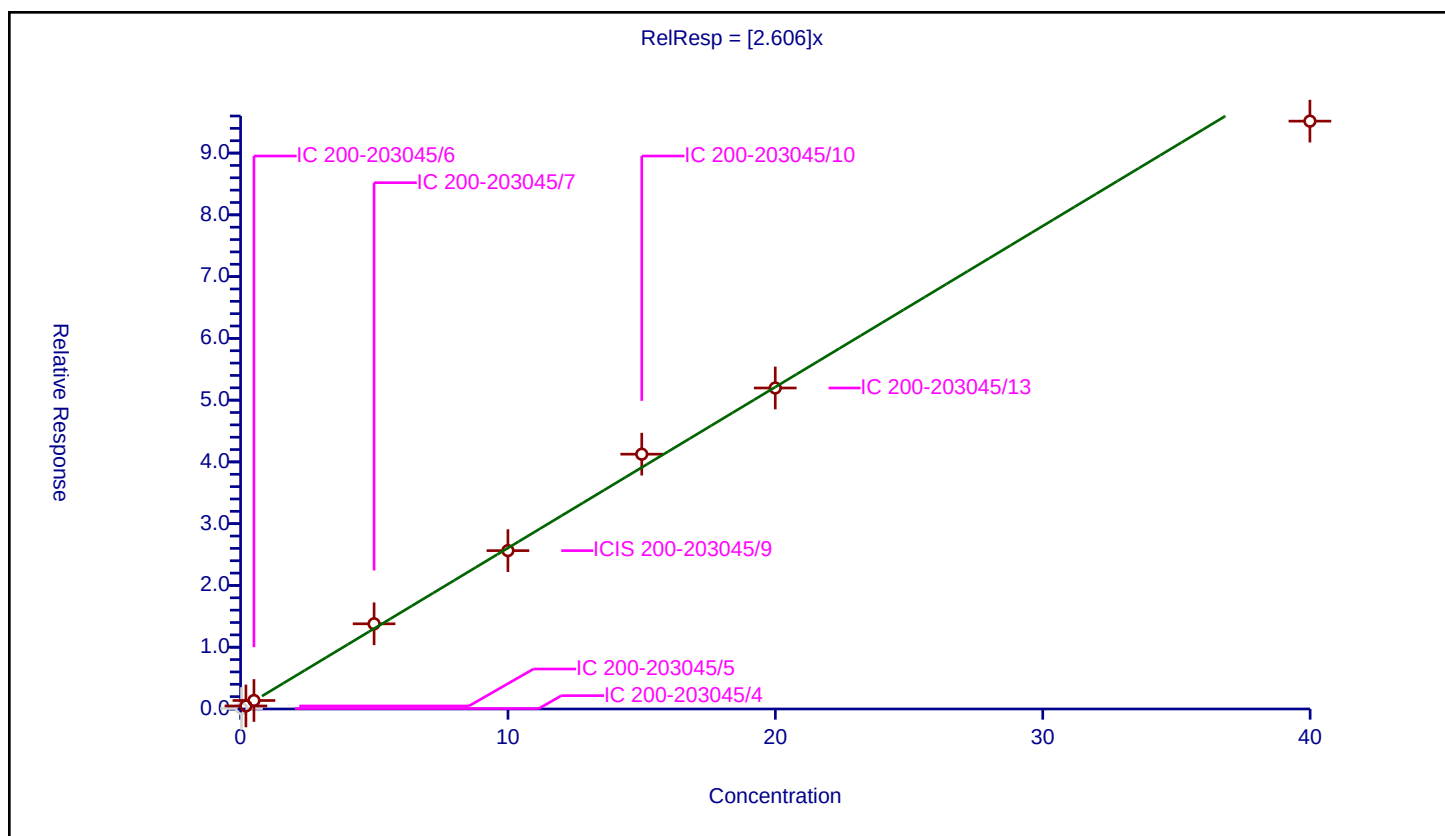
Curve Coefficients

Intercept: 0
Slope: 2.606

Error Coefficients

Relative Standard Deviation: 6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.075826	10.0	841528.0	2.161715	N
2	IC 200-203045/5	0.20044	0.489572	10.0	810341.0	2.442489	Y
3	IC 200-203045/6	0.500453	1.374769	10.0	779011.0	2.747051	Y
4	IC 200-203045/7	4.992563	13.792663	10.0	784876.0	2.762642	Y
5	ICIS 200-203045/9	9.99806	25.637052	10.0	835128.0	2.564203	Y
6	IC 200-203045/10	15.003557	41.251198	10.0	844359.0	2.749428	Y
7	IC 200-203045/13	19.99612	51.968868	10.0	870104.0	2.598948	Y
8	IC 200-203045/14	39.99224	95.169912	10.0	885692.0	2.379709	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

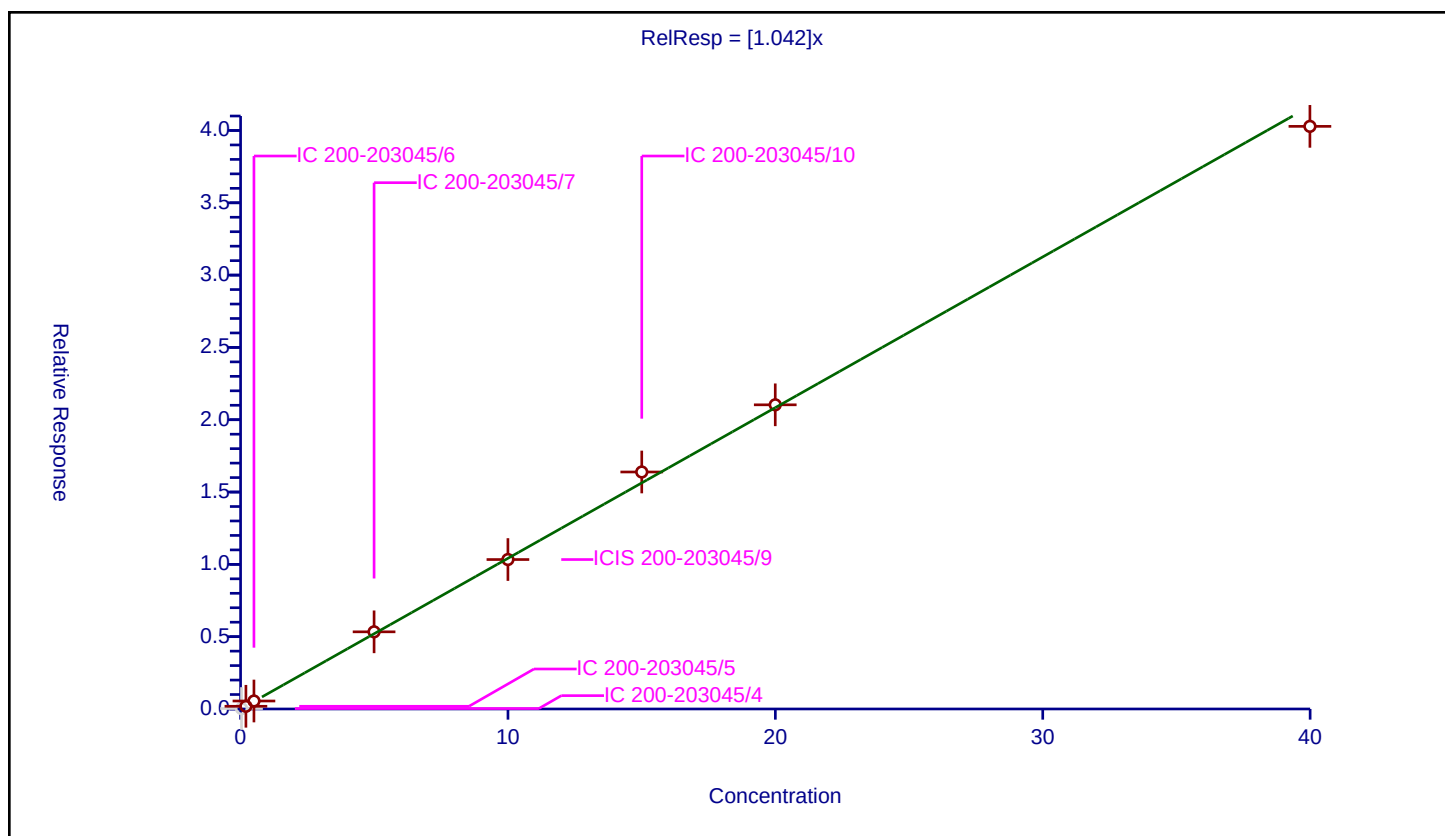
Curve Coefficients

Intercept: 0
Slope: 1.042

Error Coefficients

Relative Standard Deviation: 5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.033142	10.0	841528.0	0.94484	N
2	IC 200-203045/5	0.20044	0.18781	10.0	810341.0	0.936989	Y
3	IC 200-203045/6	0.500453	0.552059	10.0	779011.0	1.103119	Y
4	IC 200-203045/7	4.992563	5.334741	10.0	784876.0	1.068538	Y
5	ICIS 200-203045/9	9.99806	10.33353	10.0	835128.0	1.033553	Y
6	IC 200-203045/10	15.003557	16.3863	10.0	844359.0	1.092161	Y
7	IC 200-203045/13	19.99612	21.031601	10.0	870104.0	1.051784	Y
8	IC 200-203045/14	39.99224	40.285415	10.0	885692.0	1.007331	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

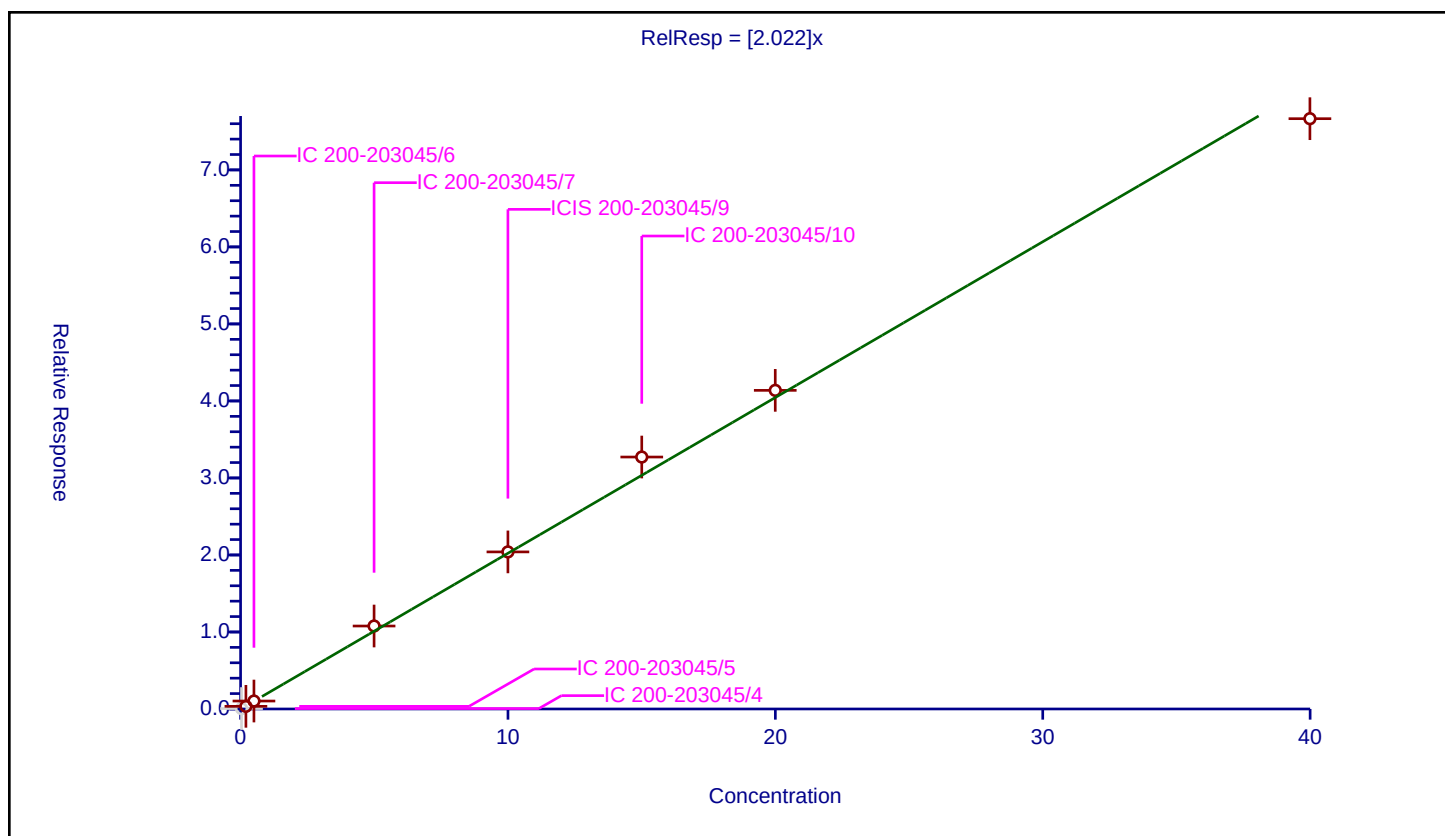
Curve Coefficients

Intercept: 0
Slope: 2.022

Error Coefficients

Relative Standard Deviation: 7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.057431	10.0	841528.0	1.637293	N
2	IC 200-203045/5	0.20044	0.346126	10.0	810341.0	1.726833	Y
3	IC 200-203045/6	0.500453	1.033413	10.0	779011.0	2.064957	Y
4	IC 200-203045/7	4.992563	10.773676	10.0	784876.0	2.157945	Y
5	ICIS 200-203045/9	9.99806	20.396933	10.0	835128.0	2.040089	Y
6	IC 200-203045/10	15.003557	32.71741	10.0	844359.0	2.180644	Y
7	IC 200-203045/13	19.99612	41.374801	10.0	870104.0	2.069141	Y
8	IC 200-203045/14	39.99224	76.653182	10.0	885692.0	1.916701	Y

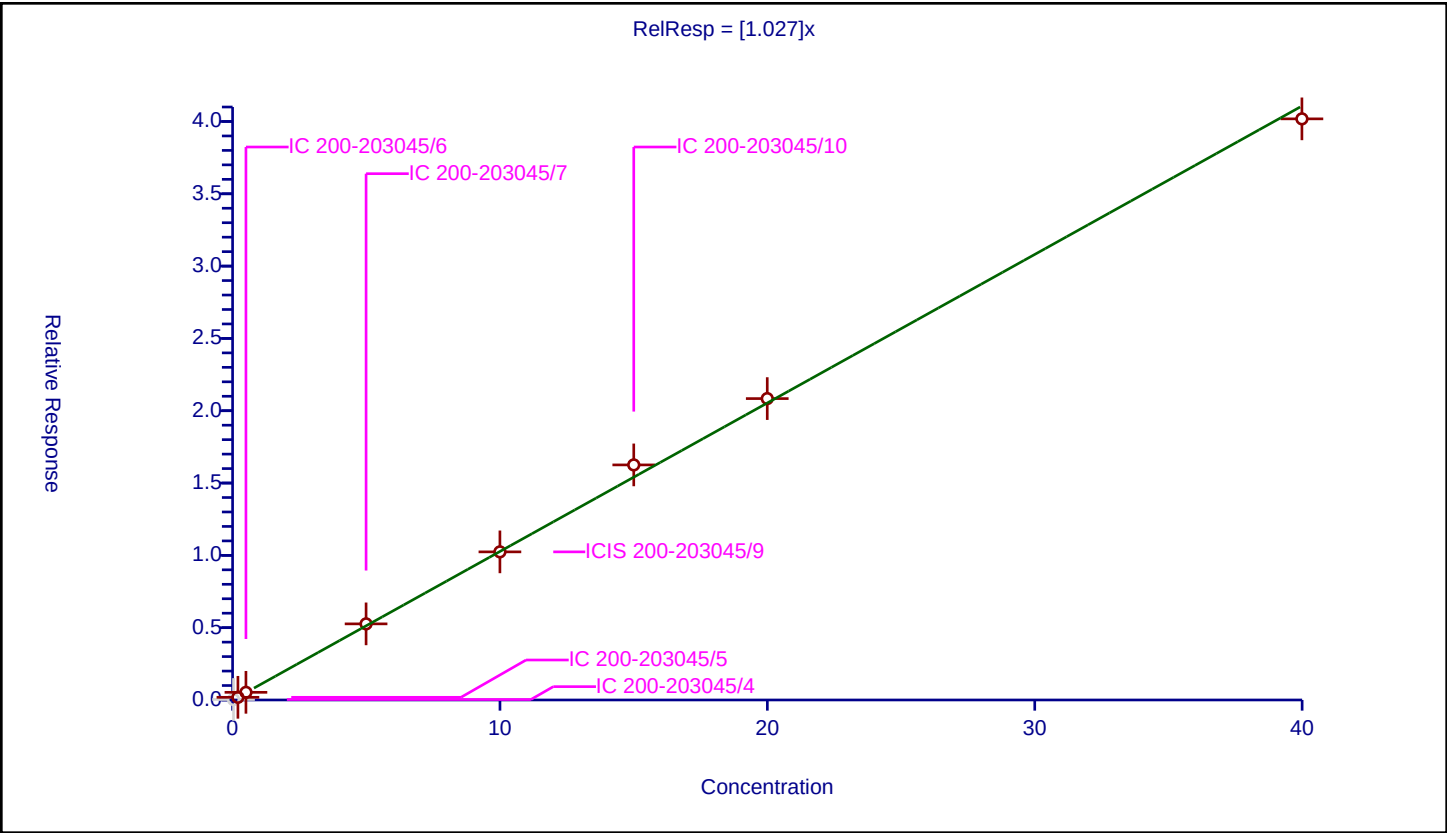


Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.027

Error Coefficients	
Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.034354	10.0	841528.0	0.979395	N
2	IC 200-203045/5	0.20044	0.184614	10.0	810341.0	0.921043	Y
3	IC 200-203045/6	0.500453	0.529723	10.0	779011.0	1.058488	Y
4	IC 200-203045/7	4.992563	5.262997	10.0	784876.0	1.054167	Y
5	ICIS 200-203045/9	9.99806	10.241783	10.0	835128.0	1.024377	Y
6	IC 200-203045/10	15.003557	16.253406	10.0	844359.0	1.083304	Y
7	IC 200-203045/13	19.99612	20.839612	10.0	870104.0	1.042183	Y
8	IC 200-203045/14	39.99224	40.180717	10.0	885692.0	1.004713	Y



Calibration

/ Benzyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

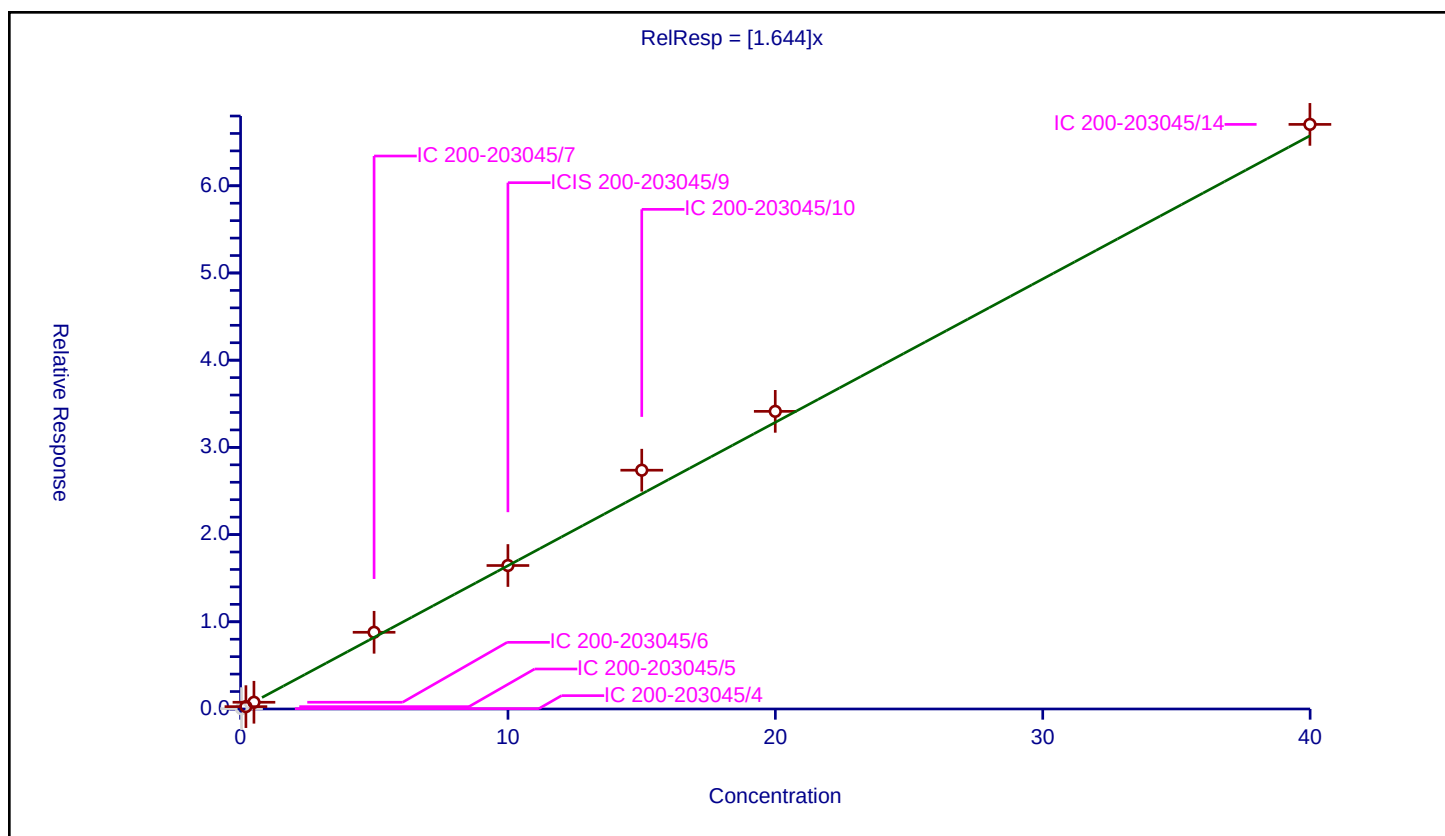
Curve Coefficients

Intercept: 0
Slope: 1.644

Error Coefficients

Relative Standard Deviation: 9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.042649	10.0	841528.0	1.215859	N
2	IC 200-203045/5	0.20044	0.270466	10.0	810341.0	1.349366	Y
3	IC 200-203045/6	0.500453	0.770695	10.0	779011.0	1.539996	Y
4	IC 200-203045/7	4.992563	8.797772	10.0	784876.0	1.762175	Y
5	ICIS 200-203045/9	9.99806	16.452771	10.0	835128.0	1.645596	Y
6	IC 200-203045/10	15.003557	27.383104	10.0	844359.0	1.825107	Y
7	IC 200-203045/13	19.99612	34.133242	10.0	870104.0	1.706993	Y
8	IC 200-203045/14	39.99224	67.041003	10.0	885692.0	1.67635	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

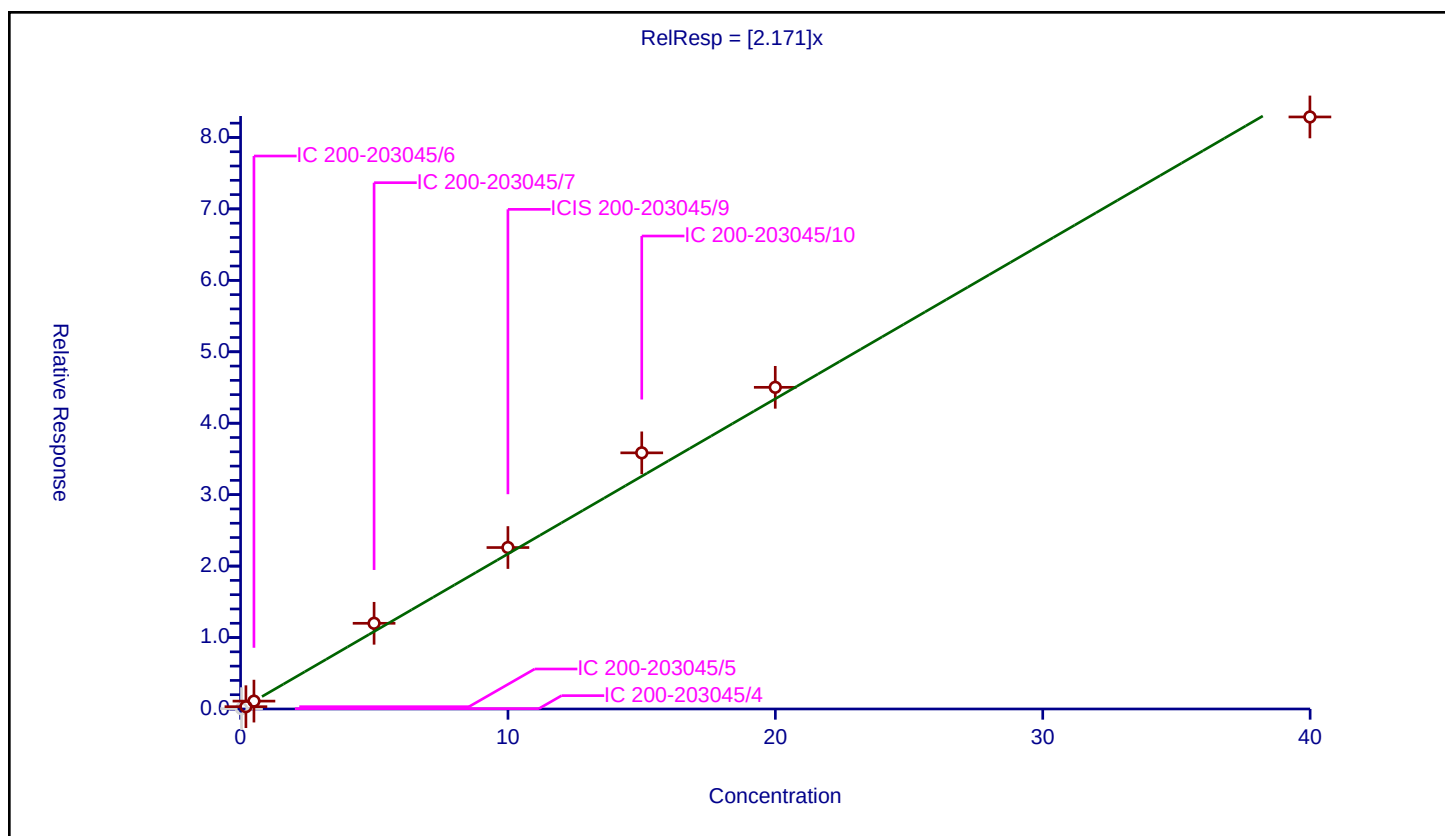
Curve Coefficients

Intercept: 0
Slope: 2.171

Error Coefficients

Relative Standard Deviation: 12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.050004	10.0	841528.0	1.42556	N
2	IC 200-203045/5	0.20044	0.32353	10.0	810341.0	1.614104	Y
3	IC 200-203045/6	0.500453	1.10449	10.0	779011.0	2.206983	Y
4	IC 200-203045/7	4.992563	11.993882	10.0	784876.0	2.40235	Y
5	ICIS 200-203045/9	9.99806	22.599494	10.0	835128.0	2.260388	Y
6	IC 200-203045/10	15.003557	35.851989	10.0	844359.0	2.389566	Y
7	IC 200-203045/13	19.99612	45.025399	10.0	870104.0	2.251707	Y
8	IC 200-203045/14	39.99224	82.86883	10.0	885692.0	2.072123	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

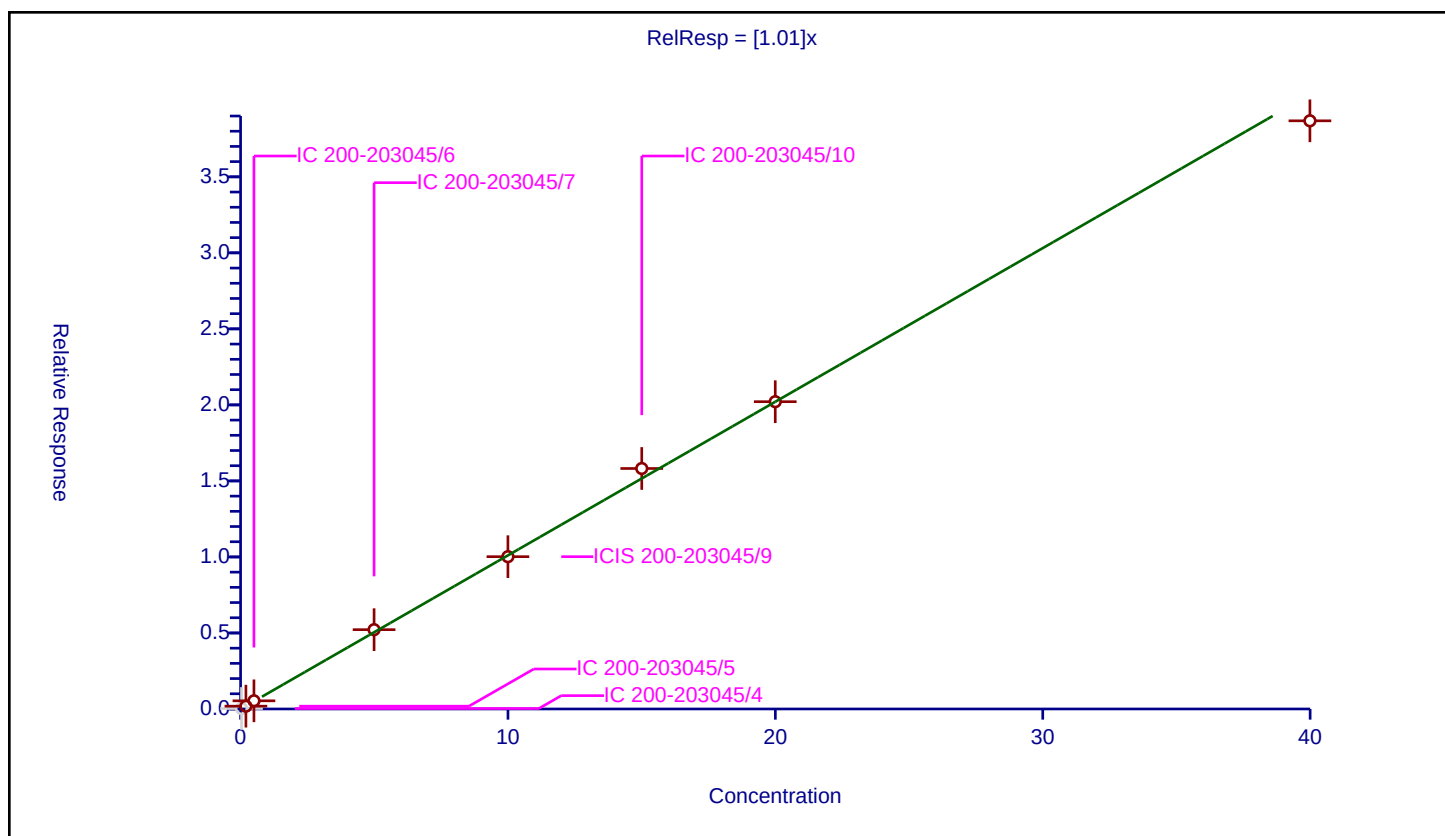
Curve Coefficients

Intercept: 0
Slope: 1.01

Error Coefficients

Relative Standard Deviation: 5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.032477	10.0	841528.0	0.925869	N
2	IC 200-203045/5	0.20044	0.184256	10.0	810341.0	0.919258	Y
3	IC 200-203045/6	0.500453	0.537656	10.0	779011.0	1.07434	Y
4	IC 200-203045/7	4.992563	5.21676	10.0	784876.0	1.044906	Y
5	ICIS 200-203045/9	9.99806	10.017746	10.0	835128.0	1.001969	Y
6	IC 200-203045/10	15.003557	15.816993	10.0	844359.0	1.054216	Y
7	IC 200-203045/13	19.99612	20.210814	10.0	870104.0	1.010737	Y
8	IC 200-203045/14	39.99224	38.683888	10.0	885692.0	0.967285	Y



Calibration

/ Undecane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

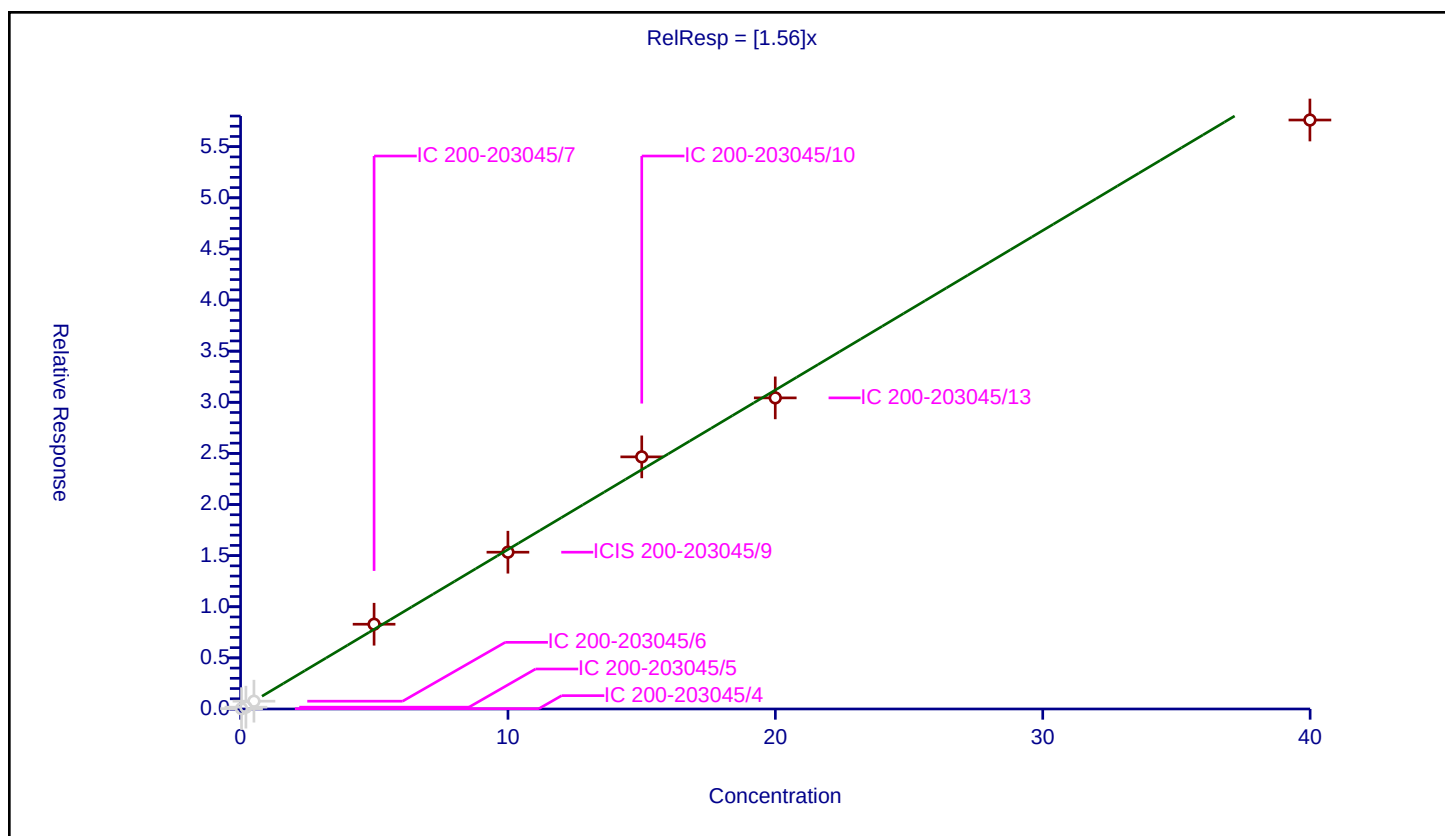
Curve Coefficients

Intercept: 0
Slope: 1.56

Error Coefficients

Relative Standard Deviation: 5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.031609	10.0	841528.0	0.901138	N
2	IC 200-203045/5	0.20044	0.178086	10.0	810341.0	0.888474	N
3	IC 200-203045/6	0.500453	0.763776	10.0	779011.0	1.526171	N
4	IC 200-203045/7	4.992563	8.290392	10.0	784876.0	1.660548	Y
5	ICIS 200-203045/9	9.99806	15.335302	10.0	835128.0	1.533828	Y
6	IC 200-203045/10	15.003557	24.660293	10.0	844359.0	1.64363	Y
7	IC 200-203045/13	19.99612	30.430316	10.0	870104.0	1.521811	Y
8	IC 200-203045/14	39.99224	57.608582	10.0	885692.0	1.440494	Y



Calibration

/ Dodecane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

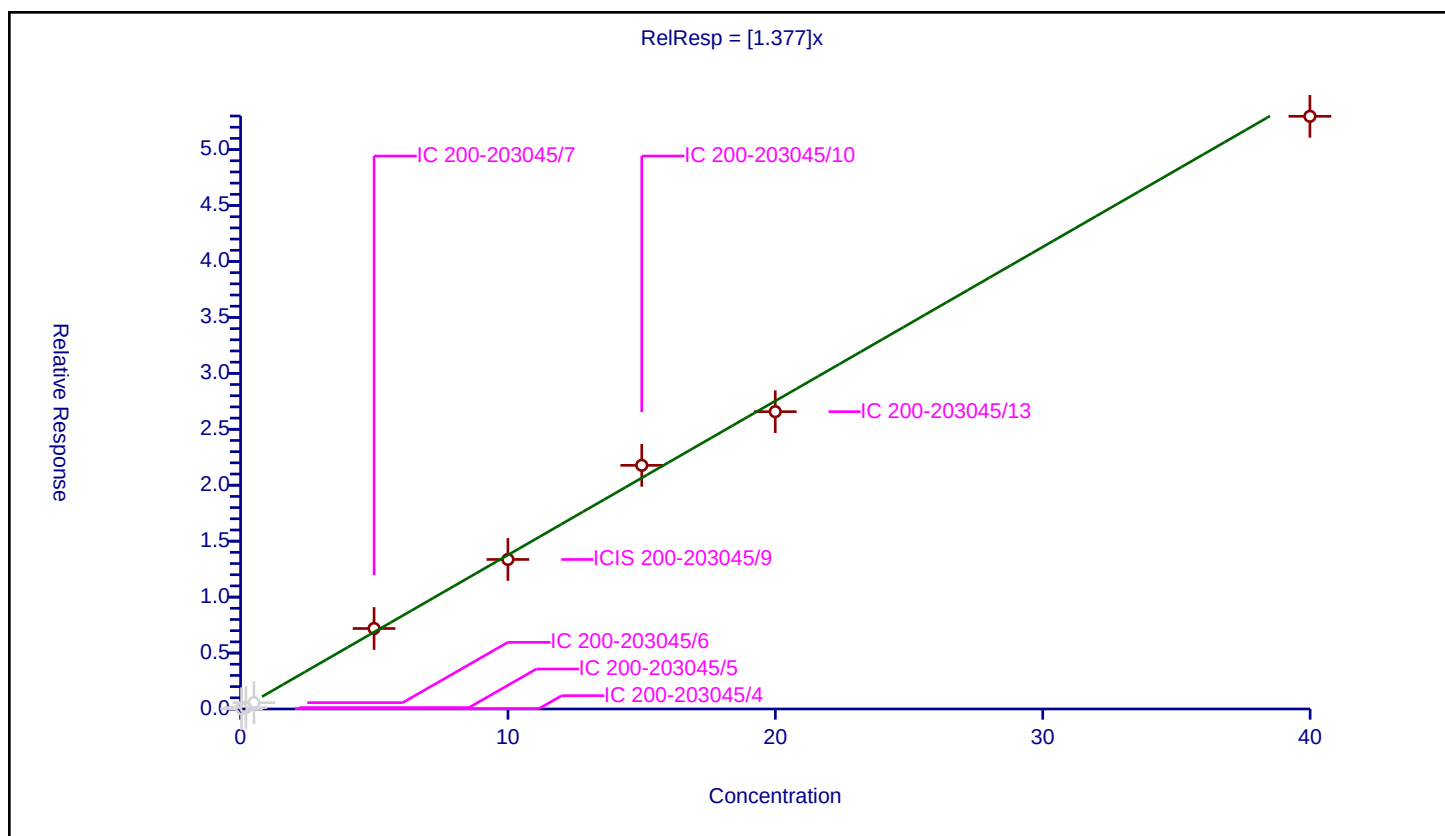
Curve Coefficients

Intercept: 0
Slope: 1.377

Error Coefficients

Relative Standard Deviation: 4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.027842	10.0	841528.0	0.793747	N
2	IC 200-203045/5	0.20044	0.124688	10.0	810341.0	0.622074	N
3	IC 200-203045/6	0.500453	0.566385	10.0	779011.0	1.131745	N
4	IC 200-203045/7	4.992563	7.194576	10.0	784876.0	1.441059	Y
5	ICIS 200-203045/9	9.99806	13.365077	10.0	835128.0	1.336767	Y
6	IC 200-203045/10	15.003557	21.778355	10.0	844359.0	1.451546	Y
7	IC 200-203045/13	19.99612	26.575559	10.0	870104.0	1.329036	Y
8	IC 200-203045/14	39.99224	52.97451	10.0	885692.0	1.32462	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

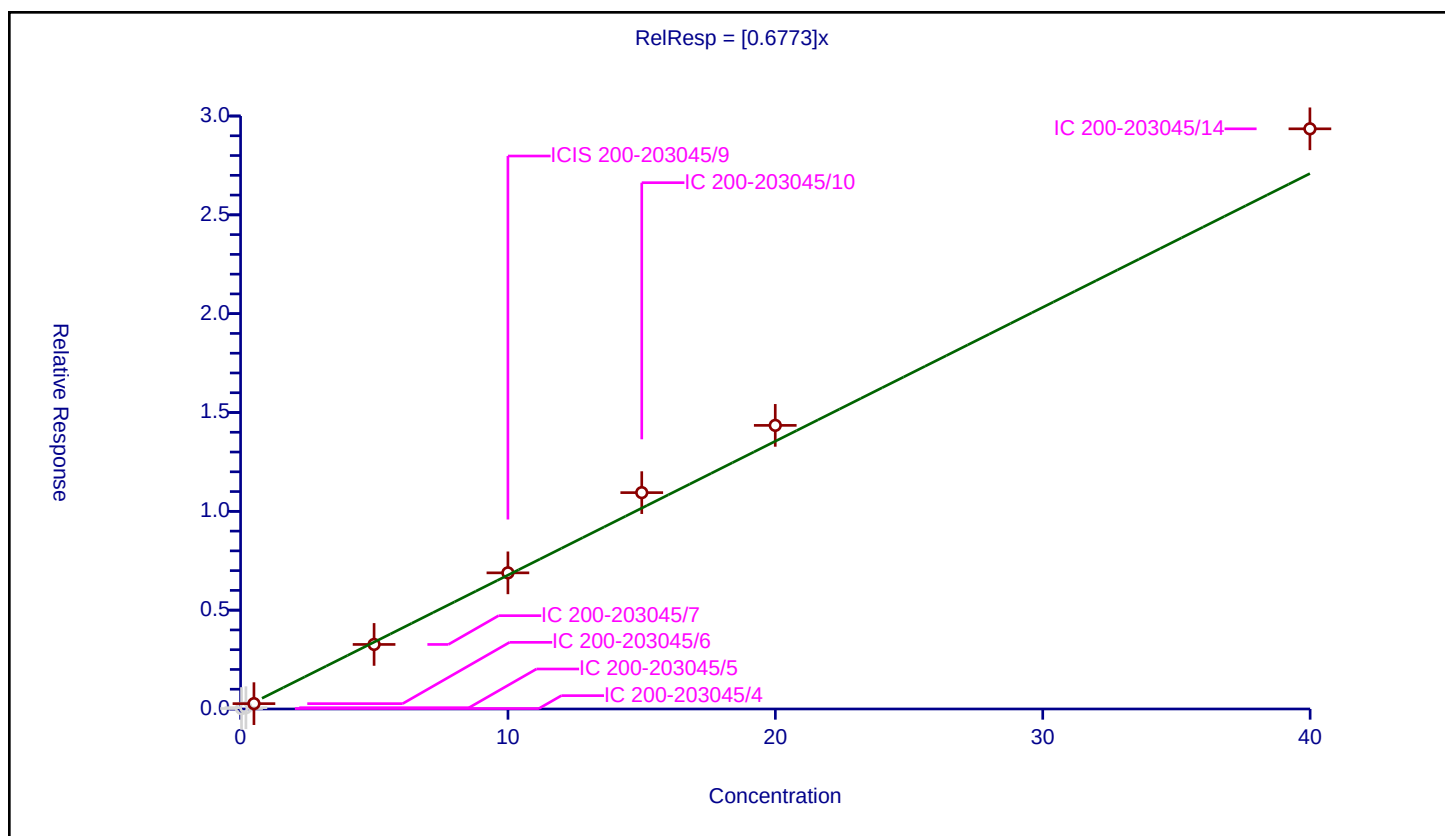
Curve Coefficients

Intercept: 0
Slope: 0.6773

Error Coefficients

Relative Standard Deviation: 10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.023612	10.0	841528.0	0.673143	N
2	IC 200-203045/5	0.20044	0.065182	10.0	810341.0	0.325197	N
3	IC 200-203045/6	0.500453	0.270176	10.0	779011.0	0.539863	Y
4	IC 200-203045/7	4.992563	3.266134	10.0	784876.0	0.6542	Y
5	ICIS 200-203045/9	9.99806	6.887579	10.0	835128.0	0.688892	Y
6	IC 200-203045/10	15.003557	10.946351	10.0	844359.0	0.729584	Y
7	IC 200-203045/13	19.99612	14.348779	10.0	870104.0	0.717578	Y
8	IC 200-203045/14	39.99224	29.352145	10.0	885692.0	0.733946	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

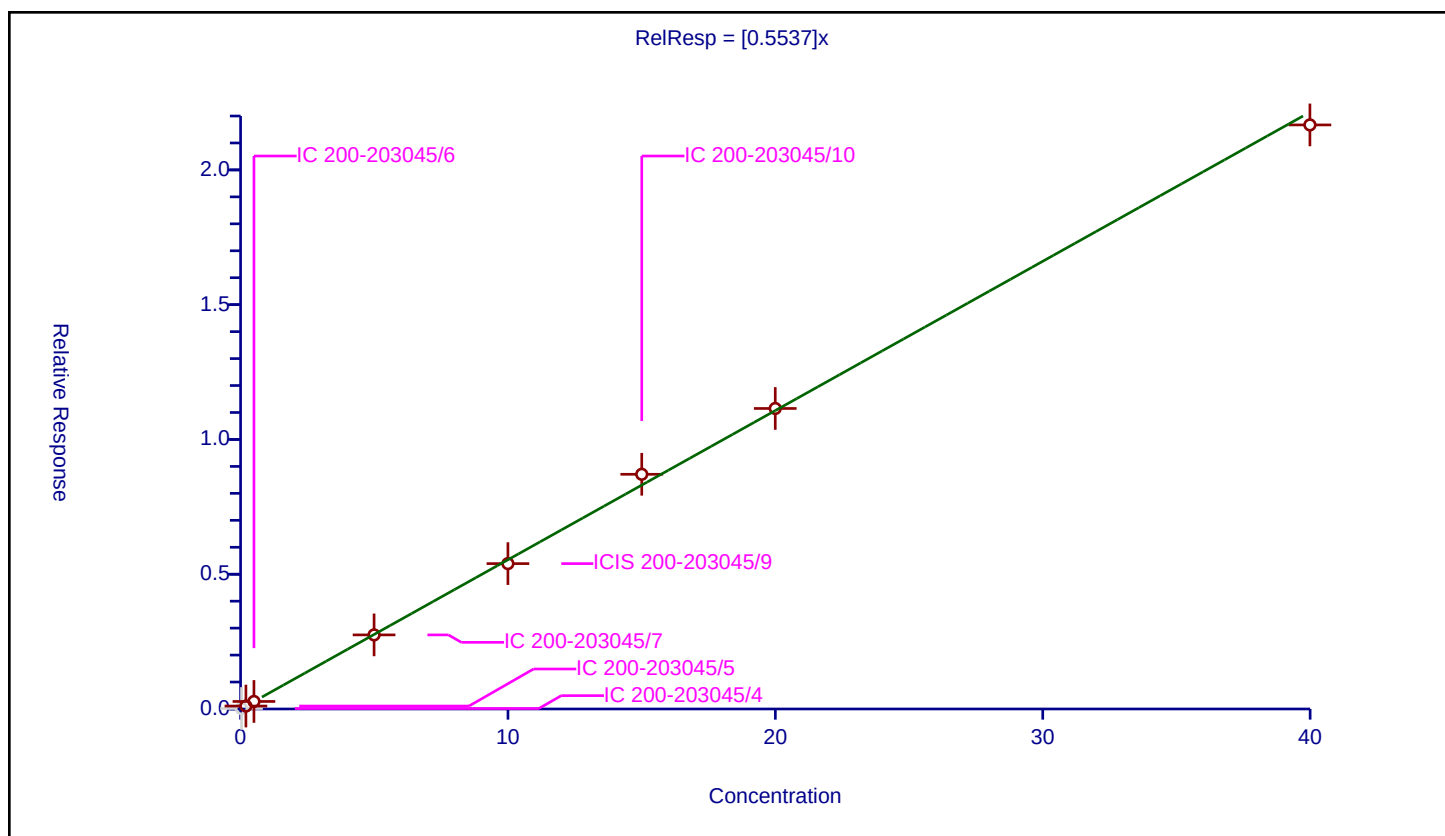
Curve Coefficients

Intercept: 0
Slope: 0.5537

Error Coefficients

Relative Standard Deviation: 2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.018431	10.0	841528.0	0.525438	N
2	IC 200-203045/5	0.20044	0.109769	10.0	810341.0	0.547639	Y
3	IC 200-203045/6	0.500453	0.279316	10.0	779011.0	0.558126	Y
4	IC 200-203045/7	4.992563	2.748651	10.0	784876.0	0.550549	Y
5	ICIS 200-203045/9	9.99806	5.39382	10.0	835128.0	0.539487	Y
6	IC 200-203045/10	15.003557	8.708322	10.0	844359.0	0.580417	Y
7	IC 200-203045/13	19.99612	11.149426	10.0	870104.0	0.557579	Y
8	IC 200-203045/14	39.99224	21.669711	10.0	885692.0	0.541848	Y



Calibration

/ Naphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

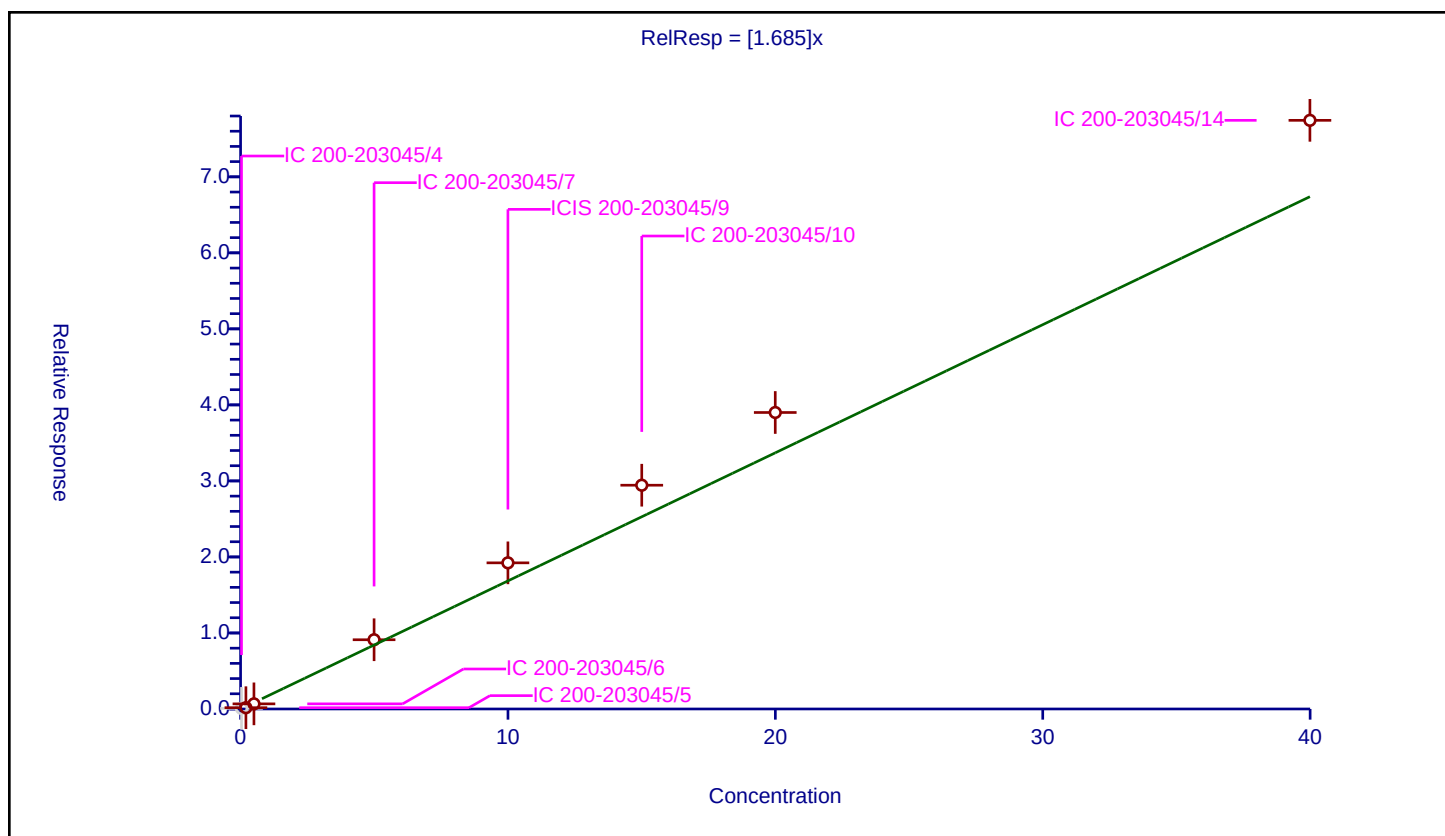
Curve Coefficients

Intercept: 0
Slope: 1.685

Error Coefficients

Relative Standard Deviation: 25.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.080033	10.0	841528.0	2.281641	N
2	IC 200-203045/5	0.20044	0.169756	10.0	810341.0	0.846917	Y
3	IC 200-203045/6	0.500453	0.67691	10.0	779011.0	1.352595	Y
4	IC 200-203045/7	4.992563	9.108968	10.0	784876.0	1.824507	Y
5	ICIS 200-203045/9	9.99806	19.225723	10.0	835128.0	1.922945	Y
6	IC 200-203045/10	15.003557	29.436839	10.0	844359.0	1.961991	Y
7	IC 200-203045/13	19.99612	39.000901	10.0	870104.0	1.950423	Y
8	IC 200-203045/14	39.99224	77.43299	10.0	885692.0	1.9362	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

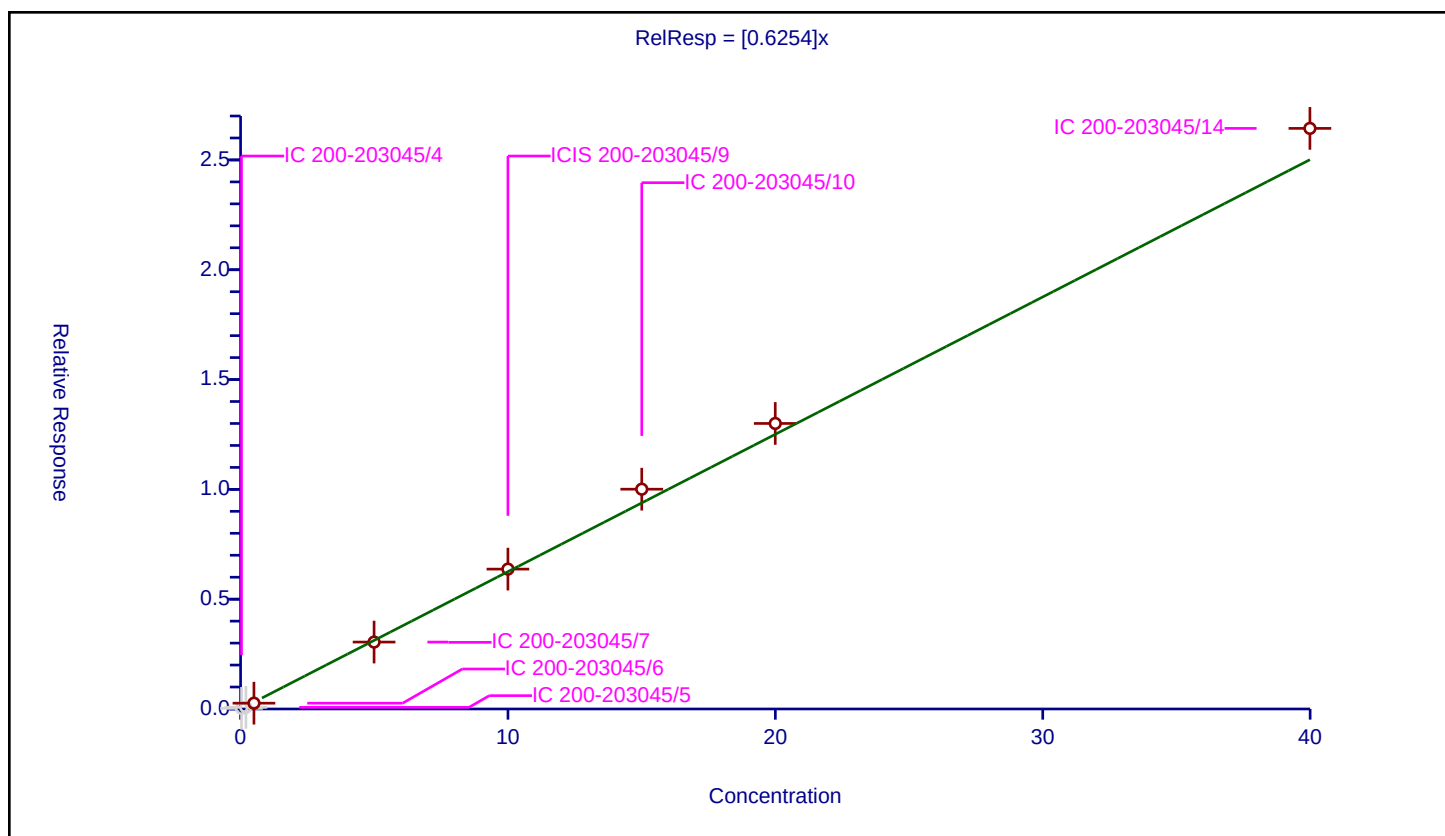
Curve Coefficients

Intercept: 0
 Slope: 0.6254

Error Coefficients

Relative Standard Deviation: 8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-203045/4	0.035077	0.028745	10.0	841528.0	0.819494	N
2	IC 200-203045/5	0.20044	0.075178	10.0	810341.0	0.375067	N
3	IC 200-203045/6	0.500453	0.263578	10.0	779011.0	0.526679	Y
4	IC 200-203045/7	4.992563	3.047182	10.0	784876.0	0.610344	Y
5	ICIS 200-203045/9	9.99806	6.369215	10.0	835128.0	0.637045	Y
6	IC 200-203045/10	15.003557	10.00861	10.0	844359.0	0.667082	Y
7	IC 200-203045/13	19.99612	13.001285	10.0	870104.0	0.65019	Y
8	IC 200-203045/14	39.99224	26.437102	10.0	885692.0	0.661056	Y



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Lab Sample ID: ICV 200-203045/17 Calibration Date: 04/16/2024 03:17

Instrument ID: CHAN.i Calib Start Date: 04/15/2024 15:53

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 04/16/2024 00:40

Lab File ID: 59934_017.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	2.530	2.585		10.2	10.0	2.2	30.0
Dichlorodifluoromethane	Ave	6.157	6.064		9.85	10.0	-1.5	30.0
Freon 22	Ave	4.593	4.437		9.66	10.0	-3.4	30.0
1,2-Dichlorotetrafluoroethane	Ave	6.416	6.274		9.78	10.0	-2.2	30.0
Chloromethane	Ave	2.815	2.619		9.30	10.0	-7.0	30.0
n-Butane	Ave	3.868	3.448		8.91	10.0	-10.8	30.0
Vinyl chloride	Ave	2.322	2.048		8.82	10.0	-11.8	30.0
1,3-Butadiene	Ave	1.895	1.624		8.57	10.0	-14.3	30.0
Bromomethane	Ave	2.025	1.973		9.74	10.0	-2.6	30.0
Chloroethane	Ave	1.415	1.360		9.61	10.0	-3.8	30.0
Isopentane	Ave	3.544	3.246		9.16	10.0	-8.4	30.0
Bromoethene (Vinyl Bromide)	Ave	1.760	1.806		10.3	10.0	2.6	30.0
Trichlorofluoromethane	Ave	5.068	4.838		9.55	10.0	-4.5	30.0
n-Pentane	Ave	5.022	4.528		9.02	10.0	-9.8	30.0
Ethanol	Ave	1.413	1.126		12.0	15.0	-20.3	30.0
Ethyl ether	Ave	1.711	1.636		9.56	10.0	-4.4	30.0
Acrolein	Ave	0.8640	0.9410		10.9	10.0	8.9	30.0
1,1-Dichloroethene	Ave	2.100	1.857		8.84	10.0	-11.6	30.0
Freon TF	Ave	4.179	3.824		9.15	10.0	-8.5	30.0
Acetone	Ave	3.838	3.504		9.13	10.0	-8.7	30.0
Isopropyl alcohol	Ave	3.742	3.774		10.1	10.0	0.8	30.0
Carbon disulfide	Ave	6.309	5.819		9.22	10.0	-7.8	30.0
Acetonitrile	Ave	1.801	1.563		8.68	10.0	-13.2	30.0
3-Chloropropene	Ave	3.254	2.510		7.71	10.0	-22.9	30.0
Methylene Chloride	Ave	2.888	2.499		8.65	10.0	-13.5	30.0
tert-Butyl alcohol	Ave	4.366	4.093		9.37	10.0	-6.3	30.0
Acrylonitrile	Ave	1.643	1.499		9.12	10.0	-8.8	30.0
trans-1,2-Dichloroethene	Ave	3.422	3.088		9.02	10.0	-9.8	30.0
Methyl tert-butyl ether	Ave	5.814	5.560		9.56	10.0	-4.4	30.0
n-Hexane	Ave	3.498	3.256		9.31	10.0	-6.9	30.0
1,1-Dichloroethane	Ave	4.251	3.712		8.73	10.0	-12.7	30.0
Vinyl acetate	Ave	5.460	5.742		10.5	10.0	5.2	30.0
Methyl Ethyl Ketone	Ave	1.040	0.997		9.59	10.0	-4.1	30.0
cis-1,2-Dichloroethene	Ave	2.168	1.917		8.84	10.0	-11.6	30.0
Ethyl acetate	Ave	0.1763	0.1717		9.74	10.0	-2.6	30.0
Tetrahydrofuran	Ave	0.4984	0.4791		9.61	10.0	-3.9	30.0
Chloroform	Ave	4.516	4.073		9.02	10.0	-9.8	30.0
1,1,1-Trichloroethane	Ave	0.8212	0.7672		9.34	10.0	-6.6	30.0
Cyclohexane	Ave	0.5120	0.5000		9.76	10.0	-2.4	30.0
Carbon tetrachloride	Ave	0.7647	0.7307		9.55	10.0	-4.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Lab Sample ID: ICV 200-203045/17 Calibration Date: 04/16/2024 03:17

Instrument ID: CHAN.i Calib Start Date: 04/15/2024 15:53

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 04/16/2024 00:40

Lab File ID: 59934_017.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	1.290	1.211		9.39	10.0	-6.1	30.0
1,2-Dichloroethane	Ave	0.6248	0.5649		9.04	10.0	-9.6	30.0
2,2,4-Trimethylpentane	Ave	2.195	2.090		9.52	10.0	-4.8	30.0
n-Heptane	Ave	0.8749	0.8059		9.21	10.0	-7.9	30.0
n-Butanol	Ave	0.3053	0.2819		9.23	10.0	-7.7	30.0
Trichloroethene	Ave	0.5378	0.5115		9.51	10.0	-4.9	30.0
1,2-Dichloropropane	Ave	0.5363	0.4937		9.20	10.0	-7.9	30.0
Methyl methacrylate	Ave	0.4509	0.4472		9.91	10.0	-0.8	30.0
1,4-Dioxane	Ave	0.2292	0.2269		9.90	10.0	-1.0	30.0
Dibromomethane	Ave	0.3541	0.3617		10.2	10.0	2.1	30.0
Bromodichloromethane	Ave	0.9126	0.8699		9.53	10.0	-4.7	30.0
cis-1,3-Dichloropropene	Ave	0.7492	0.7871		10.5	10.0	5.1	30.0
methyl isobutyl ketone	Ave	1.104	1.058		9.58	10.0	-4.2	30.0
Toluene	Ave	0.9366	0.9326		9.95	10.0	-0.4	30.0
n-Octane	Ave	1.176	1.117		9.49	10.0	-5.0	30.0
trans-1,3-Dichloropropene	Ave	0.6985	0.6890		9.86	10.0	-1.4	30.0
1,1,2-Trichloroethane	Ave	0.5320	0.5058		9.51	10.0	-4.9	30.0
Tetrachloroethene	Ave	0.5807	0.5823		10.0	10.0	0.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	1.124	1.140		10.1	10.0	1.4	30.0
Dibromochloromethane	Ave	0.8347	0.7904		9.47	10.0	-5.3	30.0
1,2-Dibromoethane	Ave	0.8245	0.8194		9.94	10.0	-0.6	30.0
Chlorobenzene	Ave	1.199	1.172		9.78	10.0	-2.2	30.0
Ethylbenzene	Ave	2.093	2.096		10.0	10.0	0.1	30.0
m,p-Xylene	Ave	0.7268	0.7414		20.4	20.0	2.0	30.0
n-Nonane	Ave	1.177	1.150		9.78	10.0	-2.2	30.0
Xylene, o-	Ave	0.6995	0.7167		10.2	10.0	2.5	30.0
Styrene	Ave	1.118	1.191		10.6	10.0	6.5	30.0
Bromoform	Ave	0.6450	0.5534		8.58	10.0	-14.2	30.0
Cumene	Ave	2.110	2.186		10.4	10.0	3.6	30.0
1,1,2,2-Tetrachloroethane	Ave	1.371	1.321		9.63	10.0	-3.7	30.0
1,2,3-Trichloropropane	Ave	1.094	1.058		9.68	10.0	-3.2	30.0
n-Propylbenzene	Ave	2.753	2.838		10.3	10.0	3.1	30.0
2-Chlorotoluene	Ave	1.768	1.779		10.1	10.0	0.6	30.0
4-Ethyltoluene	Ave	2.078	2.185		10.5	10.0	5.2	30.0
1,3,5-Trimethylbenzene	Ave	1.773	1.814		10.2	10.0	2.3	30.0
n-Decane	Ave	1.520	1.465		9.63	10.0	-3.6	30.0
Alpha Methyl Styrene	Ave	0.7849	0.8860		11.3	10.0	12.9	30.0
tert-Butylbenzene	Ave	1.610	1.649		10.2	10.0	2.4	30.0
1,2,4-Trimethylbenzene	Ave	1.756	1.834		10.4	10.0	4.4	30.0
sec-Butylbenzene	Ave	2.606	2.704		10.4	10.0	3.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Lab Sample ID: ICV 200-203045/17 Calibration Date: 04/16/2024 03:17
 Instrument ID: CHAN.i Calib Start Date: 04/15/2024 15:53
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 04/16/2024 00:40
 Lab File ID: 59934_017.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	1.042	1.085		10.4	10.0	4.1	30.0
4-Isopropyltoluene	Ave	2.022	2.101		10.4	10.0	3.9	30.0
1,4-Dichlorobenzene	Ave	1.027	1.099		10.7	10.0	7.0	30.0
Benzyl chloride	Ave	1.644	1.781		10.8	10.0	8.4	30.0
n-Butylbenzene	Ave	2.171	2.319		10.7	10.0	6.8	30.0
1,2-Dichlorobenzene	Ave	1.010	1.038		10.3	10.0	2.7	30.0
n-Undecane	Ave	1.560	1.478		9.47	10.0	-5.3	30.0
n-Dodecane	Ave	1.377	1.225		8.90	10.0	-11.0	30.0
1,2,4-Trichlorobenzene	Ave	0.6773	0.7502		11.1	10.0	10.8	30.0
Hexachlorobutadiene	Ave	0.5537	0.5772		10.4	10.0	4.2	30.0
Naphthalene	Ave	1.685	1.940		11.5	10.0	15.1	30.0
1,2,3-Trichlorobenzene	Ave	0.6254	0.6078		9.72	10.0	-2.8	30.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_017.D

Lims ID: ICV

Client ID:

Sample Type: ICV

Inject. Date: 16-Apr-2024 03:17:45

ALS Bottle#: 0

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Sample Info: 200-0059934-017

Misc. Info.: ICV

Operator ID: wrd

Instrument ID: CHAN.i

Sublist:

Method: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\TO15_TO3_Master_Method_AN.m

Limit Group: AI_TO15_ICAL

Last Update: 16-Apr-2024 14:14:06

Calib Date: 16-Apr-2024 00:40:13

Integrator: RTE

ID Type: Deconvolution ID

Quant Method: Internal Standard

Quant By: Initial Calibration

Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_014.D

Column 1 : RTX-624 (0.32 mm)

Det: MS SCAN

Process Host: CTX1669

First Level Reviewer: BKZ7

Date: 16-Apr-2024 06:36:30

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	4.385	4.390	-0.005	97	508594	10.0	10.2	
2 Dichlorodifluoromethane	85	4.487	4.486	0.001	99	1193102	10.0	9.85	
3 Chlorodifluoromethane	51	4.530	4.535	-0.005	97	872941	10.0	9.66	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.851	4.856	-0.005	98	1234417	10.0	9.78	
11 BFB									
5 Chloromethane	50	4.974	4.973	0.001	99	515326	10.0	9.30	
7 Butane	43	5.273	5.273	0.000	98	678491	10.0	8.91	
6 Vinyl chloride	62	5.273	5.278	-0.005	70	402912	10.0	8.82	
8 Butadiene	54	5.386	5.385	0.001	98	319614	10.0	8.57	
9 Bromomethane	94	6.113	6.113	0.000	99	388243	10.0	9.74	
10 Chloroethane	64	6.386	6.386	0.000	100	267640	10.0	9.61	
12 2-Methylbutane	43	6.595	6.594	0.001	94	638673	10.0	9.16	
13 Vinyl bromide	106	6.809	6.808	0.001	99	355431	10.0	10.3	
14 Trichlorofluoromethane	101	6.969	6.969	0.000	98	951930	10.0	9.55	
15 Pentane	43	7.178	7.172	0.006	96	890929	10.0	9.02	
16 Ethanol	45	7.360	7.381	-0.021	98	332485	15.0	12.0	
18 Ethyl ether	59	7.590	7.611	-0.021	96	321915	10.0	9.56	
19 Acrolein	56	7.841	7.851	-0.010	97	185146	10.0	10.9	
20 1,1-Dichloroethene	96	8.039	8.039	0.000	93	365412	10.0	8.84	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	8.077	8.076	0.001	91	752420	10.0	9.15	
22 Acetone	43	8.119	8.146	-0.027	98	689519	10.0	9.13	
23 Isopropyl alcohol	45	8.414	8.435	-0.021	100	742549	10.0	10.1	
24 Carbon disulfide	76	8.435	8.435	0.000	100	1144941	10.0	9.22	
25 Acetonitrile	41	8.628	8.638	-0.010	99	307602	10.0	8.68	
26 3-Chloro-1-propene	41	8.735	8.739	-0.004	96	493842	10.0	7.71	
27 Methylene Chloride	49	8.965	8.964	0.001	99	491658	10.0	8.65	
28 2-Methyl-2-propanol	59	9.179	9.200	-0.021	99	805272	10.0	9.37	
29 Acrylonitrile	53	9.371	9.381	-0.010	94	294847	10.0	9.12	
30 trans-1,2-Dichloroethene	61	9.462	9.462	0.000	93	607603	10.0	9.02	
31 Methyl tert-butyl ether	73	9.468	9.488	-0.020	97	1093880	10.0	9.56	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 Hexane	57	9.970	9.975	-0.005	93	640644	10.0	9.31	
S 35 1,2-Dichloroethene, Total	61				0		20.0	17.9	
33 1,1-Dichloroethane	63	10.233	10.232	0.001	99	730337	10.0	8.73	
34 Vinyl acetate	43	10.238	10.253	-0.015	100	1129760	10.0	10.5	
36 2-Butanone (MEK)	72	11.206	11.222	-0.016	100	196228	10.0	9.59	
37 cis-1,2-Dichloroethene	96	11.233	11.232	0.001	96	377093	10.0	8.84	
38 Ethyl acetate	88	11.281	11.302	-0.021	99	33787	10.0	9.74	
* 39 Chlorobromomethane	128	11.645	11.644	0.001	96	196795	10.0	10.0	
40 Tetrahydrofuran	42	11.677	11.698	-0.021	94	478980	10.0	9.61	
41 Chloroform	83	11.821	11.816	0.005	97	801435	10.0	9.02	
42 1,1,1-Trichloroethane	97	12.126	12.126	0.000	97	767042	10.0	9.34	
43 Cyclohexane	84	12.260	12.260	0.000	96	499864	10.0	9.76	
44 Carbon tetrachloride	117	12.399	12.404	-0.005	96	730613	10.0	9.55	
45 Benzene	78	12.747	12.752	-0.005	97	1210610	10.0	9.39	
46 1,2-Dichloroethane	62	12.827	12.832	-0.005	93	564755	10.0	9.04	
47 Isooctane	57	12.961	12.966	-0.005	98	2089709	10.0	9.52	
48 n-Heptane	43	13.266	13.265	0.001	95	805761	10.0	9.21	
* 49 1,4-Difluorobenzene	114	13.480	13.479	0.001	97	1000009	10.0	10.0	
50 n-Butanol	56	13.705	13.720	-0.015	92	281806	10.0	9.23	
51 Trichloroethene	95	13.913	13.913	0.000	91	511417	10.0	9.51	
A 52 GRO	1	14.264	(6.584-21.937)		0	178070108	649.9	0	
53 1,2-Dichloropropane	63	14.373	14.378	-0.005	91	493593	10.0	9.20	
54 Methyl methacrylate	69	14.459	14.464	-0.005	93	447090	10.0	9.91	
55 1,4-Dioxane	88	14.496	14.517	-0.021	99	226841	10.0	9.90	
57 Dibromomethane	174	14.528	14.533	-0.005	87	361644	10.0	10.2	
58 Dichlorobromomethane	83	14.839	14.838	0.001	98	869713	10.0	9.53	
A 60 TVOC as Toluene	1	15.633	(4.380-26.891)		0	266239896	899.8	0	
59 cis-1,3-Dichloropropene	75	15.641	15.641	0.000	96	786933	10.0	10.5	
61 4-Methyl-2-pentanone (MIBK)	43	15.903	15.919	-0.016	98	1057559	10.0	9.58	
62 Toluene	92	16.278	16.283	-0.005	93	816520	10.0	9.95	
A 63 Toluene Range	1	16.286	(16.229-16.336)		0	3483456	NC	NC	
64 n-Octane	43	16.524	16.523	0.001	95	1116336	10.0	9.49	
A 65 C8 Range	1	16.513	(16.465-16.582)		0	4129848	NC	NC	
66 trans-1,3-Dichloropropene	75	16.695	16.689	0.006	98	688882	10.0	9.86	
67 1,1,2-Trichloroethane	83	17.070	17.069	0.001	97	442891	10.0	9.51	
68 Tetrachloroethene	166	17.268	17.262	0.006	89	509806	10.0	10.0	
69 2-Hexanone	43	17.476	17.492	-0.016	93	997904	10.0	10.1	
70 Chlorodibromomethane	129	17.802	17.807	-0.005	97	692080	10.0	9.47	
71 Ethylene Dibromide	107	18.043	18.043	0.000	98	717437	10.0	9.94	
* 73 Chlorobenzene-d5	117	18.958	18.958	0.000	91	875738	10.0	10.0	
74 Chlorobenzene	112	19.017	19.016	0.001	90	1026324	10.0	9.78	
75 Ethylbenzene	91	19.204	19.209	-0.005	100	1835030	10.0	10.0	
76 m-Xylene & p-Xylene	106	19.466	19.466	0.000	0	1298304	20.0	20.4	
77 n-Nonane	57	19.520	19.519	0.001	92	1007250	10.0	9.78	
S 80 Xylenes, Total	106				0		30.0	30.6	
78 o-Xylene	106	20.237	20.236	0.001	97	627493	10.0	10.2	
79 Styrene	104	20.274	20.274	0.000	99	1043010	10.0	10.6	
81 Bromoform	173	20.611	20.611	0.000	91	484551	10.0	8.58	
82 Isopropylbenzene	105	20.916	20.916	0.000	99	1913951	10.0	10.4	
83 1,1,2,2-Tetrachloroethane	83	21.424	21.424	0.000	98	1156301	10.0	9.63	
84 1,2,3-Trichloropropane	75	21.526	21.525	0.001	98	926766	10.0	9.68	
85 N-Propylbenzene	91	21.617	21.616	0.001	98	2484701	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
86 2-Chlorotoluene	91	21.767	21.766	0.001	96	1557617	10.0	10.1	
87 4-Ethyltoluene	105	21.809	21.814	-0.005	98	1913108	10.0	10.5	
88 1,3,5-Trimethylbenzene	105	21.906	21.905	0.001	92	1587998	10.0	10.2	
89 n-Decane	57	21.933	21.927	0.005	91	1282752	10.0	9.63	
90 Alpha Methyl Styrene	118	22.227	22.226	0.001	84	775769	10.0	11.3	
91 tert-Butylbenzene	119	22.382	22.381	0.001	90	1443463	10.0	10.2	
92 1,2,4-Trimethylbenzene	105	22.467	22.467	0.000	98	1605468	10.0	10.4	
93 sec-Butylbenzene	105	22.703	22.702	0.001	98	2367200	10.0	10.4	
94 1,3-Dichlorobenzene	146	22.874	22.879	-0.005	97	950062	10.0	10.4	
95 4-Isopropyltoluene	119	22.912	22.916	-0.004	96	1839185	10.0	10.4	
96 1,4-Dichlorobenzene	146	23.013	23.013	0.000	90	962472	10.0	10.7	
97 Benzyl chloride	91	23.163	23.168	-0.005	97	1559745	10.0	10.8	
98 n-Butylbenzene	91	23.473	23.478	-0.005	98	2030686	10.0	10.7	
99 1,2-Dichlorobenzene	146	23.511	23.510	0.001	91	908884	10.0	10.3	
100 Undecane	57	23.618	23.617	0.001	96	1293795	10.0	9.47	
101 Dodecane	57	25.217	25.217	0.000	96	1072535	10.0	8.90	
102 1,2,4-Trichlorobenzene	180	25.977	25.982	-0.005	92	656881	10.0	11.1	
103 Hexachlorobutadiene	225	26.223	26.223	0.000	91	505360	10.0	10.4	
104 Naphthalene	128	26.464	26.469	-0.005	98	1698295	10.0	11.5	
105 1,2,3-Trichlorobenzene	180	26.881	26.881	0.000	96	532186	10.0	9.72	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15LCSW_00877

Amount Added: 200.00

Units: mL

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 16-Apr-2024 14:16:22

Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_017.D

Injection Date: 16-Apr-2024 03:17:45

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: ICV

Worklist Smp#: 17

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

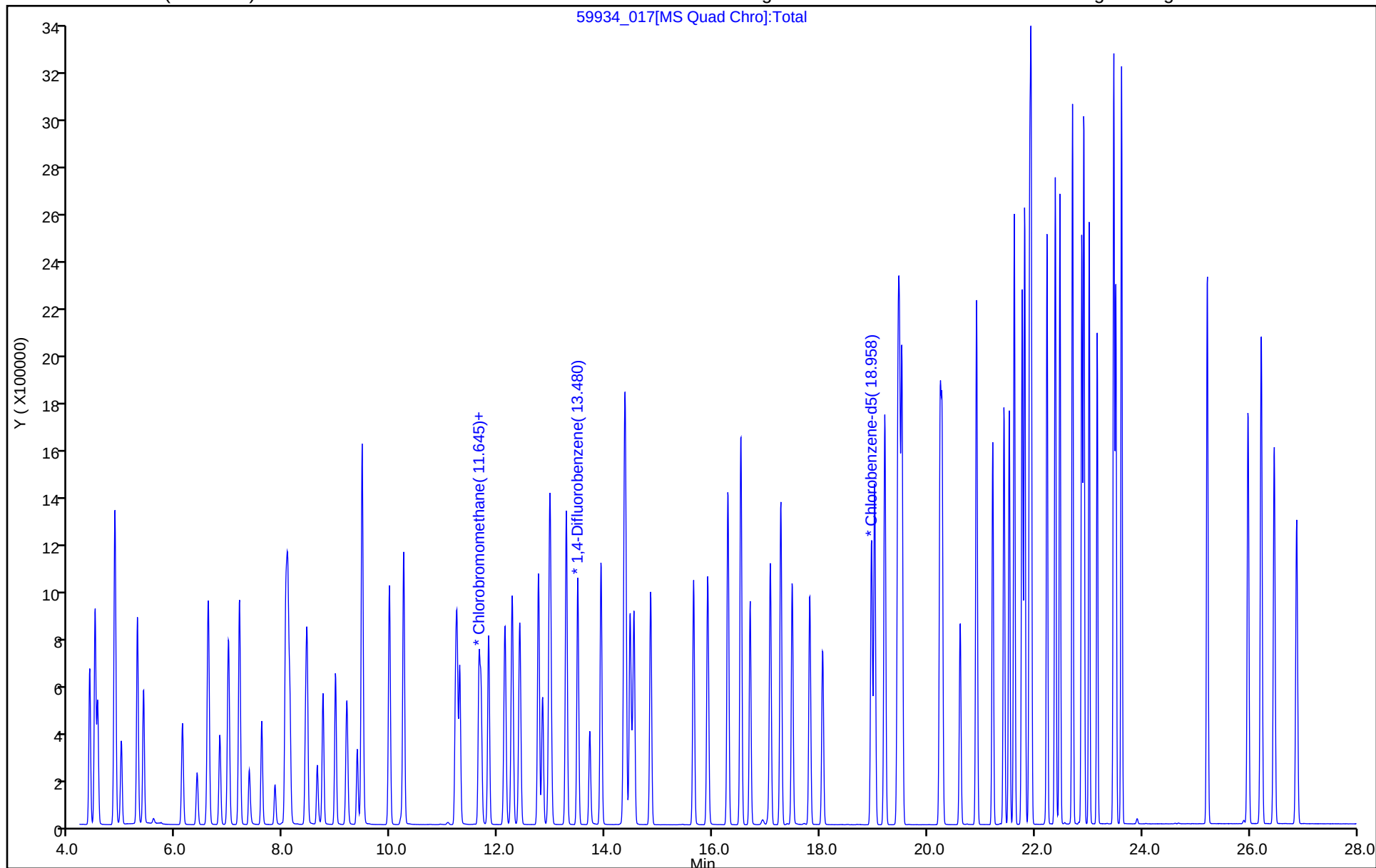
ALS Bottle#: 0

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



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Lab Sample ID: CCVIS 200-203676/2 Calibration Date: 05/02/2024 08:43

Instrument ID: CHAN.i Calib Start Date: 04/15/2024 15:53

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 04/16/2024 00:40

Lab File ID: 60170_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	2.530	2.468		9.75	10.0	-2.5	30.0
Dichlorodifluoromethane	Ave	6.157	6.427		10.4	10.0	4.4	30.0
Freon 22	Ave	4.593	4.414		9.61	10.0	-3.9	30.0
1,2-Dichlorotetrafluoroethane	Ave	6.416	6.603		10.3	10.0	2.9	30.0
Chloromethane	Ave	2.815	2.542		9.03	10.0	-9.7	30.0
n-Butane	Ave	3.868	3.007		7.77	10.0	-22.2	30.0
Vinyl chloride	Ave	2.322	1.923		8.28	10.0	-17.2	30.0
1,3-Butadiene	Ave	1.895	1.464		7.73	10.0	-22.7	30.0
Bromomethane	Ave	2.025	2.048		10.1	10.0	1.1	30.0
Chloroethane	Ave	1.415	1.264		8.93	10.0	-10.7	30.0
Isopentane	Ave	3.544	2.706		7.63	10.0	-23.7	30.0
Bromoethene (Vinyl Bromide)	Ave	1.760	1.850		10.5	10.0	5.1	30.0
Trichlorofluoromethane	Ave	5.068	5.095		10.1	10.0	0.6	30.0
n-Pentane	Ave	5.022	3.650		7.27	10.0	-27.3	30.0
Ethanol	Ave	1.413	1.079		11.5	15.0	-23.6	30.0
Ethyl ether	Ave	1.711	1.421		8.30	10.0	-16.9	30.0
Acrolein	Ave	0.8640	0.8672		10.0	10.0	0.4	30.0
1,1-Dichloroethene	Ave	2.100	1.795		8.55	10.0	-14.5	30.0
Freon TF	Ave	4.179	3.895		9.32	10.0	-6.8	30.0
Acetone	Ave	3.838	3.165		8.24	10.0	-17.5	30.0
Isopropyl alcohol	Ave	3.742	3.277		8.75	10.0	-12.4	30.0
Carbon disulfide	Ave	6.309	5.415		8.58	10.0	-14.2	30.0
Acetonitrile	Ave	1.801	1.289		7.15	10.0	-28.5	30.0
3-Chloropropene	Ave	3.254	2.298		7.06	10.0	-29.4	30.0
Methylene Chloride	Ave	2.888	2.104		7.28	10.0	-27.2	30.0
tert-Butyl alcohol	Ave	4.366	3.701		8.48	10.0	-15.2	30.0
Acrylonitrile	Ave	1.643	1.231		7.49	10.0	-25.1	30.0
trans-1,2-Dichloroethene	Ave	3.422	2.764		8.07	10.0	-19.2	30.0
Methyl tert-butyl ether	Ave	5.814	5.108		8.78	10.0	-12.1	30.0
n-Hexane	Ave	3.498	2.654		7.58	10.0	-24.1	30.0
1,1-Dichloroethane	Ave	4.251	3.307		7.78	10.0	-22.2	30.0
Vinyl acetate	Ave	5.460	5.662		8.19	7.90	3.7	30.0
Methyl Ethyl Ketone	Ave	1.040	0.8643		8.31	10.0	-16.9	30.0
cis-1,2-Dichloroethene	Ave	2.168	1.818		8.39	10.0	-16.1	30.0
Ethyl acetate	Ave	0.1763	0.1573		8.92	10.0	-10.8	30.0
Tetrahydrofuran	Ave	0.4984	0.3848		7.72	10.0	-22.8	30.0
Chloroform	Ave	4.516	3.976		8.80	10.0	-12.0	30.0
1,1,1-Trichloroethane	Ave	0.8212	0.8090		9.85	10.0	-1.5	30.0
Cyclohexane	Ave	0.5120	0.4617		9.02	10.0	-9.8	30.0
Carbon tetrachloride	Ave	0.7647	0.8072		10.6	10.0	5.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Lab Sample ID: CCVIS 200-203676/2 Calibration Date: 05/02/2024 08:43

Instrument ID: CHAN.i Calib Start Date: 04/15/2024 15:53

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 04/16/2024 00:40

Lab File ID: 60170_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	1.290	1.117		8.66	10.0	-13.4	30.0
1,2-Dichloroethane	Ave	0.6248	0.5697		9.12	10.0	-8.8	30.0
2,2,4-Trimethylpentane	Ave	2.195	1.783		8.12	10.0	-18.8	30.0
n-Heptane	Ave	0.8749	0.6503		7.43	10.0	-25.7	30.0
n-Butanol	Ave	0.3053	0.3734		8.56	7.00	22.3	30.0
Trichloroethene	Ave	0.5378	0.5135		9.55	10.0	-4.5	30.0
1,2-Dichloropropane	Ave	0.5363	0.4399		8.20	10.0	-18.0	30.0
Methyl methacrylate	Ave	0.4509	0.4072		9.03	10.0	-9.7	30.0
1,4-Dioxane	Ave	0.2292	0.2284		9.97	10.0	-0.3	30.0
Dibromomethane	Ave	0.3541	0.3906		11.0	10.0	10.3	30.0
Bromodichloromethane	Ave	0.9126	0.8935		9.79	10.0	-2.1	30.0
cis-1,3-Dichloropropene	Ave	0.7492	0.7230		9.65	10.0	-3.5	30.0
methyl isobutyl ketone	Ave	1.104	0.8829		8.00	10.0	-20.0	30.0
Toluene	Ave	0.9366	0.8918		9.52	10.0	-4.8	30.0
n-Octane	Ave	1.176	0.9052		7.70	10.0	-23.0	30.0
trans-1,3-Dichloropropene	Ave	0.6985	0.6727		9.63	10.0	-3.7	30.0
1,1,2-Trichloroethane	Ave	0.5320	0.4871		9.16	10.0	-8.4	30.0
Tetrachloroethene	Ave	0.5807	0.6451		11.1	10.0	11.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	1.124	0.9620		8.56	10.0	-14.4	30.0
Dibromochloromethane	Ave	0.8347	0.9294		11.1	10.0	11.3	30.0
1,2-Dibromoethane	Ave	0.8245	0.8296		10.1	10.0	0.6	30.0
Chlorobenzene	Ave	1.199	1.190		9.93	10.0	-0.7	30.0
Ethylbenzene	Ave	2.093	2.056		9.82	10.0	-1.8	30.0
m,p-Xylene	Ave	0.7268	0.7454		20.5	20.0	2.6	30.0
n-Nonane	Ave	1.177	1.014		8.61	10.0	-13.9	30.0
Xylene, o-	Ave	0.6995	0.7121		10.2	10.0	1.8	30.0
Styrene	Ave	1.118	1.201		10.7	10.0	7.4	30.0
Bromoform	Ave	0.6450	0.8474		13.1	10.0	31.4 *	30.0
Cumene	Ave	2.110	2.225		10.5	10.0	5.4	30.0
1,1,2,2-Tetrachloroethane	Ave	1.371	1.289		9.40	10.0	-6.0	30.0
1,2,3-Trichloropropane	Ave	1.094	1.021		9.33	10.0	-6.6	30.0
n-Propylbenzene	Ave	2.753	2.849		10.3	10.0	3.5	30.0
2-Chlorotoluene	Ave	1.768	1.792		10.1	10.0	1.4	30.0
4-Ethyltoluene	Ave	2.078	2.261		10.9	10.0	8.8	30.0
1,3,5-Trimethylbenzene	Ave	1.773	1.897		10.7	10.0	7.0	30.0
n-Decane	Ave	1.520	1.334		8.77	10.0	-12.3	30.0
Alpha Methyl Styrene	Ave	0.7849	0.9186		11.7	10.0	17.0	30.0
tert-Butylbenzene	Ave	1.610	1.763		10.9	10.0	9.5	30.0
1,2,4-Trimethylbenzene	Ave	1.756	1.924		11.0	10.0	9.6	30.0
sec-Butylbenzene	Ave	2.606	2.804		10.8	10.0	7.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-203676/2 Calibration Date: 05/02/2024 08:43
 Instrument ID: CHAN.i Calib Start Date: 04/15/2024 15:53
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 04/16/2024 00:40
 Lab File ID: 60170_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	1.042	1.199		11.5	10.0	15.1	30.0
4-Isopropyltoluene	Ave	2.022	2.274		11.2	10.0	12.5	30.0
1,4-Dichlorobenzene	Ave	1.027	1.211		11.8	10.0	17.9	30.0
Benzyl chloride	Ave	1.644	1.911		11.6	10.0	16.3	30.0
n-Butylbenzene	Ave	2.171	2.406		11.1	10.0	10.8	30.0
1,2-Dichlorobenzene	Ave	1.010	1.168		11.6	10.0	15.6	30.0
n-Undecane	Ave	1.560	1.417		9.08	10.0	-9.2	30.0
n-Dodecane	Ave	1.377	1.218		8.85	10.0	-11.5	30.0
1,2,4-Trichlorobenzene	Ave	0.6773	0.8913		13.2	10.0	31.6*	30.0
Hexachlorobutadiene	Ave	0.5537	0.7252		13.1	10.0	31.0*	30.0
Naphthalene	Ave	1.685	2.186		13.0	10.0	29.7	30.0
1,2,3-Trichlorobenzene	Ave	0.6254	0.7304		11.7	10.0	16.8	30.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_002.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 02-May-2024 08:43:30 ALS Bottle#: 0 Worklist Smp#: 2
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0060170-002
 Operator ID: wrd Instrument ID: CHAN.i
 Sublist: chrom-TO15_TO3_Master_Method_AN*sub1
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 03-May-2024 08:51:15 Calib Date: 16-Apr-2024 00:40:13
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_014.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1653

First Level Reviewer: F7XK

Date: 03-May-2024 08:51:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.385	4.385	0.000	98	354813	10.0	9.75	
2 Dichlorodifluoromethane	85	4.487	4.487	0.000	99	924047	10.0	10.4	
3 Chlorodifluoromethane	51	4.530	4.530	0.000	97	634672	10.0	9.61	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.856	4.856	0.000	98	949456	10.0	10.3	
11 BFB									
5 Chloromethane	50	4.974	4.974	0.000	99	365508	10.0	9.03	
6 Vinyl chloride	62	5.273	5.273	0.000	99	276536	10.0	8.28	
7 Butane	43	5.273	5.273	0.000	97	432402	10.0	7.77	
8 Butadiene	54	5.385	5.385	0.000	97	210530	10.0	7.73	
9 Bromomethane	94	6.108	6.108	0.000	99	294499	10.0	10.1	
10 Chloroethane	64	6.386	6.386	0.000	100	181676	10.0	8.93	
12 2-Methylbutane	43	6.589	6.589	0.000	93	389039	10.0	7.63	
13 Vinyl bromide	106	6.809	6.809	0.000	98	265966	10.0	10.5	
14 Trichlorofluoromethane	101	6.969	6.969	0.000	98	732649	10.0	10.1	
15 Pentane	43	7.172	7.172	0.000	96	524849	10.0	7.27	
16 Ethanol	45	7.360	7.360	0.000	98	232868	15.0	11.5	
18 Ethyl ether	59	7.584	7.584	0.000	95	204384	10.0	8.30	
19 Acrolein	56	7.836	7.836	0.000	97	124694	10.0	10.0	
20 1,1-Dichloroethene	96	8.034	8.034	0.000	94	258115	10.0	8.55	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	8.071	8.071	0.000	94	560001	10.0	9.32	
22 Acetone	43	8.114	8.114	0.000	99	455082	10.0	8.24	
23 Isopropyl alcohol	45	8.408	8.408	0.000	99	471137	10.0	8.75	
24 Carbon disulfide	76	8.435	8.435	0.000	100	778599	10.0	8.58	
25 Acetonitrile	41	8.622	8.622	0.000	98	185272	10.0	7.15	
26 3-Chloro-1-propene	41	8.729	8.729	0.000	99	330349	10.0	7.06	
27 Methylene Chloride	49	8.959	8.959	0.000	96	302497	10.0	7.28	
28 2-Methyl-2-propanol	59	9.173	9.173	0.000	98	532178	10.0	8.48	
29 Acrylonitrile	53	9.366	9.366	0.000	93	176939	10.0	7.49	
30 trans-1,2-Dichloroethene	61	9.457	9.457	0.000	94	397426	10.0	8.07	
31 Methyl tert-butyl ether	73	9.462	9.462	0.000	97	734470	10.0	8.78	
32 Hexane	57	9.965	9.965	0.000	91	381554	10.0	7.58	

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				0		20.0	16.5	
33 1,1-Dichloroethane	63	10.227	10.227	0.000	100	475571	10.0	7.78	
34 Vinyl acetate	43	10.232	10.232	0.000	100	643192	7.90	8.19	
36 2-Butanone (MEK)	72	11.201	11.201	0.000	99	124279	10.0	8.31	
37 cis-1,2-Dichloroethene	96	11.227	11.227	0.000	96	261392	10.0	8.39	
38 Ethyl acetate	88	11.276	11.276	0.000	99	22612	10.0	8.92	
* 39 Chlorobromomethane	128	11.634	11.634	0.000	94	143814	10.0	10.0	
40 Tetrahydrofuran	42	11.671	11.671	0.000	90	270980	10.0	7.72	
41 Chloroform	83	11.816	11.816	0.000	97	571736	10.0	8.80	
42 1,1,1-Trichloroethane	97	12.121	12.121	0.000	98	569663	10.0	9.85	
43 Cyclohexane	84	12.255	12.255	0.000	97	325096	10.0	9.02	
44 Carbon tetrachloride	117	12.394	12.394	0.000	96	568356	10.0	10.6	
45 Benzene	78	12.741	12.741	0.000	97	786773	10.0	8.66	
46 1,2-Dichloroethane	62	12.822	12.822	0.000	92	401135	10.0	9.12	
47 Isooctane	57	12.955	12.955	0.000	98	1255475	10.0	8.12	
48 n-Heptane	43	13.260	13.260	0.000	92	457866	10.0	7.43	
* 49 1,4-Difluorobenzene	114	13.474	13.474	0.000	96	704257	10.0	10.0	
50 n-Butanol	56	13.699	13.699	0.000	91	184037	7.00	8.56	
51 Trichloroethene	95	13.908	13.908	0.000	93	361577	10.0	9.55	
A 52 GRO	1	14.258	(6.579-21.937)	0	122353004	649.9	0	0	
53 1,2-Dichloropropane	63	14.368	14.368	0.000	85	309738	10.0	8.20	
54 Methyl methacrylate	69	14.448	14.448	0.000	94	286728	10.0	9.03	
55 1,4-Dioxane	88	14.491	14.491	0.000	97	160843	10.0	9.97	
57 Dibromomethane	174	14.523	14.523	0.000	90	275027	10.0	11.0	
58 Dichlorobromomethane	83	14.833	14.833	0.000	98	629120	10.0	9.79	
A 60 TVOC as Toluene	1	15.630	(4.375-26.886)	0	188207500	899.8	0	0	
59 cis-1,3-Dichloropropene	75	15.636	15.636	0.000	96	509075	10.0	9.65	
61 4-Methyl-2-pentanone (MIBK)	43	15.898	15.898	0.000	99	621666	10.0	8.00	
62 Toluene	92	16.272	16.272	0.000	93	547275	10.0	9.52	
A 63 Toluene Range	1	16.278	(16.208-16.347)	0	2325711	NC	NC	NC	
A 65 C8 Range	1	16.518	(16.438-16.599)	0	2594434	NC	NC	NC	
64 n-Octane	43	16.518	16.518	0.000	90	637352	10.0	7.70	
66 trans-1,3-Dichloropropene	75	16.690	16.690	0.000	98	473627	10.0	9.63	
67 1,1,2-Trichloroethane	83	17.064	17.064	0.000	98	298940	10.0	9.16	
68 Tetrachloroethene	166	17.262	17.262	0.000	91	395844	10.0	11.1	
69 2-Hexanone	43	17.471	17.471	0.000	94	590306	10.0	8.56	
70 Chlorodibromomethane	129	17.797	17.797	0.000	97	570357	10.0	11.1	
71 Ethylene Dibromide	107	18.038	18.038	0.000	98	509063	10.0	10.1	
* 73 Chlorobenzene-d5	117	18.953	18.953	0.000	89	613772	10.0	10.0	
74 Chlorobenzene	112	19.011	19.011	0.000	91	730553	10.0	9.93	
75 Ethylbenzene	91	19.199	19.199	0.000	99	1261708	10.0	9.82	
76 m-Xylene & p-Xylene	106	19.461	19.461	0.000	0	914824	20.0	20.5	
77 n-Nonane	57	19.514	19.514	0.000	88	621975	10.0	8.61	
S 80 Xylenes, Total	106				0		30.0	30.7	
78 o-Xylene	106	20.231	20.231	0.000	97	436996	10.0	10.2	
79 Styrene	104	20.263	20.263	0.000	100	737064	10.0	10.7	
81 Bromoform	173	20.600	20.600	0.000	92	519987	10.0	13.1	
82 Isopropylbenzene	105	20.911	20.911	0.000	99	1365163	10.0	10.5	
83 1,1,2,2-Tetrachloroethane	83	21.419	21.419	0.000	99	790942	10.0	9.40	
84 1,2,3-Trichloropropane	75	21.520	21.520	0.000	98	626587	10.0	9.33	
85 N-Propylbenzene	91	21.617	21.617	0.000	98	1748405	10.0	10.3	
86 2-Chlorotoluene	91	21.761	21.761	0.000	96	1099694	10.0	10.1	

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	21.809	21.809	0.000	98	1387357	10.0	10.9	
88 1,3,5-Trimethylbenzene	105	21.900	21.900	0.000	91	1163867	10.0	10.7	
89 n-Decane	57	21.927	21.927	0.000	93	818371	10.0	8.77	
90 Alpha Methyl Styrene	118	22.227	22.227	0.000	84	563712	10.0	11.7	
91 tert-Butylbenzene	119	22.376	22.376	0.000	91	1081627	10.0	10.9	
92 1,2,4-Trimethylbenzene	105	22.462	22.462	0.000	99	1180956	10.0	11.0	
93 sec-Butylbenzene	105	22.697	22.697	0.000	98	1720471	10.0	10.8	
94 1,3-Dichlorobenzene	146	22.874	22.874	0.000	98	735669	10.0	11.5	
95 4-Isopropyltoluene	119	22.911	22.911	0.000	97	1395522	10.0	11.2	
96 1,4-Dichlorobenzene	146	23.013	23.013	0.000	91	743261	10.0	11.8	
97 Benzyl chloride	91	23.157	23.157	0.000	97	1172806	10.0	11.6	
98 n-Butylbenzene	91	23.468	23.468	0.000	98	1476750	10.0	11.1	
99 1,2-Dichlorobenzene	146	23.505	23.505	0.000	93	716662	10.0	11.6	
100 Undecane	57	23.612	23.612	0.000	94	869534	10.0	9.08	
101 Dodecane	57	25.212	25.212	0.000	96	747642	10.0	8.85	
102 1,2,4-Trichlorobenzene	180	25.971	25.971	0.000	93	546921	10.0	13.2	
103 Hexachlorobutadiene	225	26.218	26.218	0.000	92	445041	10.0	13.1	
104 Naphthalene	128	26.458	26.458	0.000	99	1341229	10.0	13.0	
105 1,2,3-Trichlorobenzene	180	26.876	26.876	0.000	96	448219	10.0	11.7	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL4w_00825

Amount Added: 200.00

Units: mL

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 03-May-2024 08:51:15

Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_002.D

Injection Date: 02-May-2024 08:43:30

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

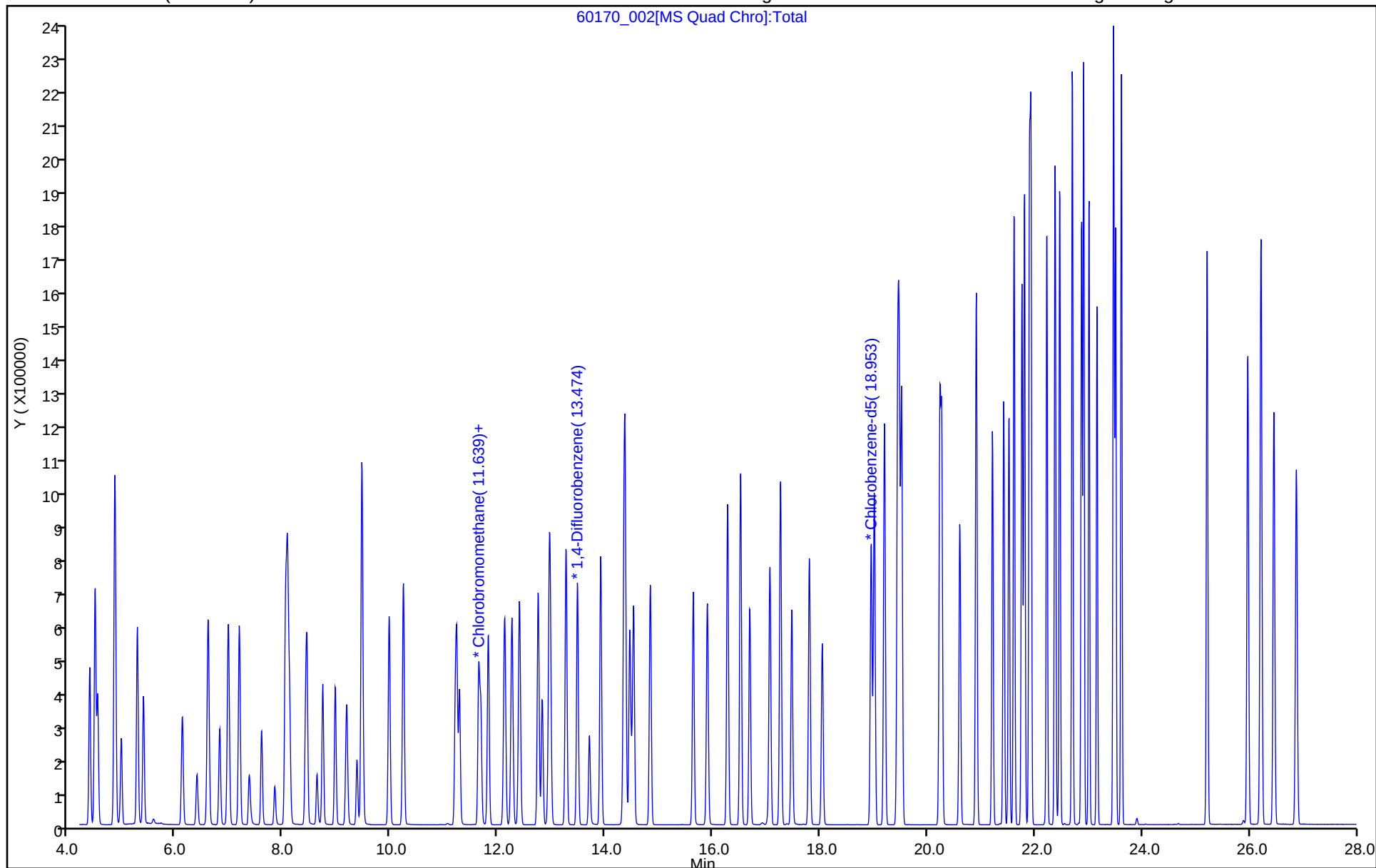
ALS Bottle#: 0

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\20240415-59934.b\59934_001.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 15-Apr-2024 13:14:26 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: 200-0059934-001
Misc. Info.: bfb
Operator ID: wrd Instrument ID: CHAN.i
Method: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 16-Apr-2024 06:38:50 Calib Date: 16-Apr-2024 00:40:13
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_014.D
Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1669

First Level Reviewer: BKZ7

Date: 15-Apr-2024 13:27:46

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	11.644					10.0	ND
* 49 1,4-Difluorobenzene	114	13.479					10.0	ND
* 73 Chlorobenzene-d5	117	18.958					10.0	ND

QC Flag Legend

Processing Flags

Reagents:

ATTO15CISs_00012

Amount Added: 20.00

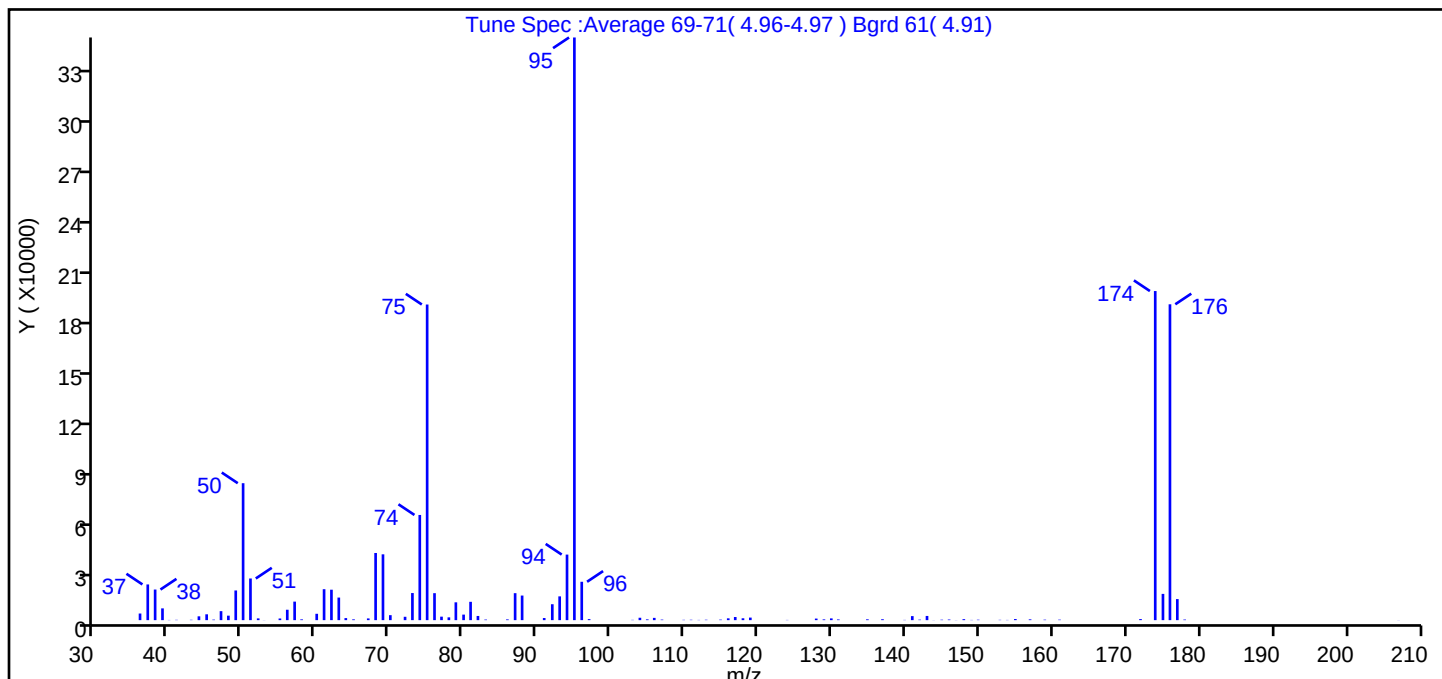
Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_001.D
Injection Date: 15-Apr-2024 13:14:26 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	23.5
75	30.0 to 66.0 Percent of m/e 95	54.2
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	56.5
175	4.0 to 9.0 Percent of m/e 174	4.5 (8.0)
176	93.0 to 101.0 Percent of m/e 174	54.2 (96.0)
177	5.0 to 9.0 Percent of m/e 176	3.6 (6.7)

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_001.D\TO15_TO3_Master_Method_A
Injection Date: 15-Apr-2024 13:14:26
Spectrum: Tune Spec :Average 69-71(4.96-4.97) Bgrd 61(4.91)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 98

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3873	64.00	1199	95.00	340736	141.00	2354
37.00	20880	65.00	461	96.00	22440	142.00	294
38.00	17896	67.00	1007	97.00	597	143.00	2451
39.00	6883	68.00	39272	103.00	164	144.00	56
40.00	113	69.00	38488	104.00	1398	145.00	258
41.00	185	70.00	2914	105.00	444	146.00	364
43.00	205	72.00	1966	106.00	1326	147.00	63
44.00	2238	73.00	15846	107.00	315	148.00	569
45.00	3415	74.00	61512	110.00	184	149.00	127
46.00	307	75.00	184576	111.00	227	150.00	260
47.00	5258	76.00	15771	112.00	135	153.00	182
48.00	2619	77.00	2037	113.00	243	154.00	127
49.00	17352	78.00	1637	115.00	309	155.00	636
50.00	80080	79.00	10422	116.00	1056	157.00	457
51.00	24360	80.00	3241	117.00	1826	159.00	273
52.00	1023	81.00	10720	118.00	1094	161.00	286
53.00	56	82.00	2441	119.00	1493	172.00	613
55.00	970	83.00	334	124.00	130	174.00	192448
56.00	6084	86.00	435	128.00	915	175.00	15355
57.00	10834	87.00	15772	129.00	441	176.00	184704
58.00	451	88.00	14382	130.00	1019	177.00	12310
60.00	3716	91.00	1239	131.00	406	178.00	345
61.00	18096	92.00	9309	135.00	479	207.00	60
62.00	17800	93.00	13902	137.00	522		
63.00	13199	94.00	38336	140.00	140		

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_001.D

Injection Date: 15-Apr-2024 13:14:26 Instrument ID: CHAN.i Operator ID: wrd

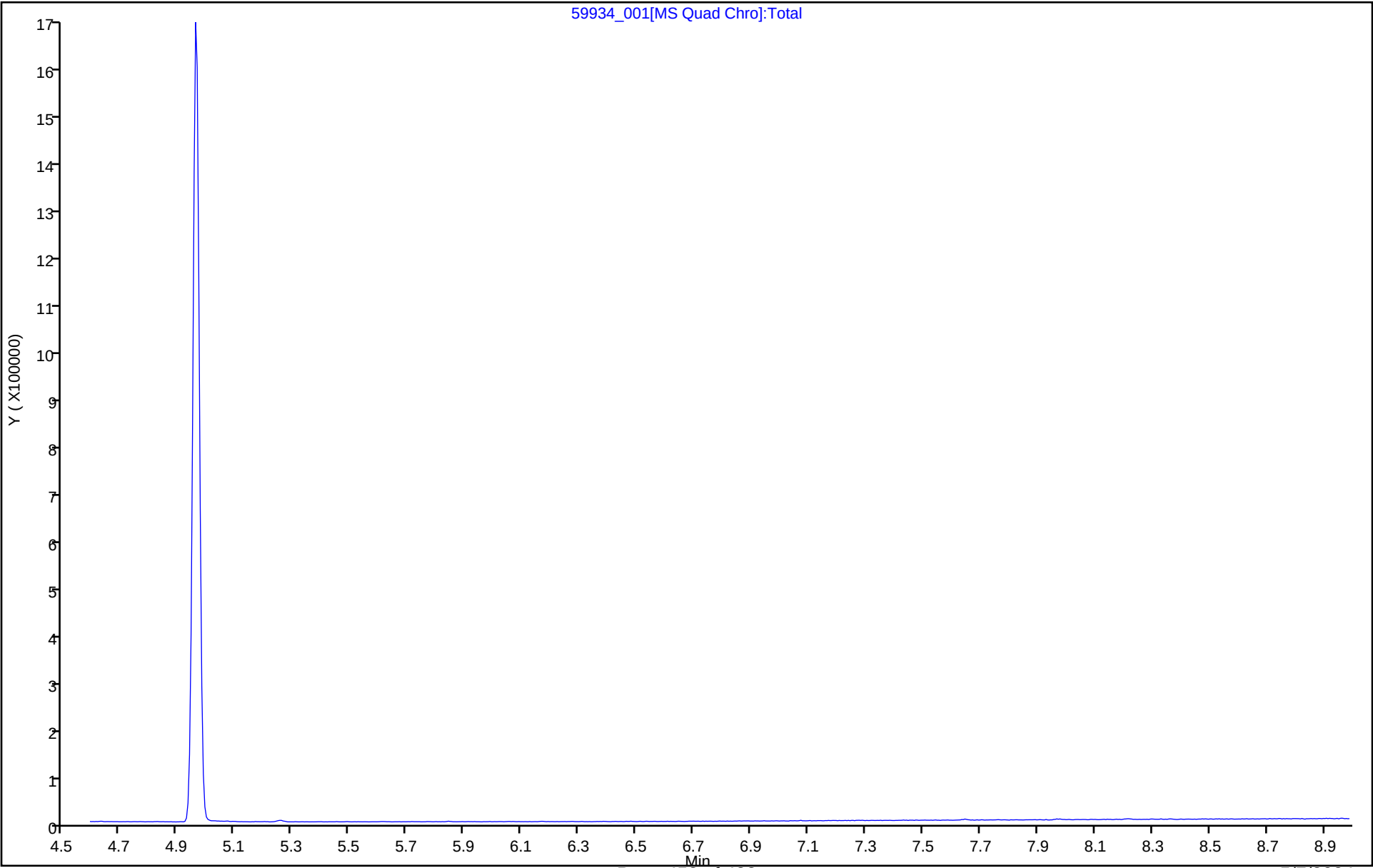
Lims ID: bfb Worklist Smp#: 1

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\20240502-60170.b\60170_001.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 02-May-2024 07:55:46 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: 200-0060170-001
Misc. Info.: bfb
Operator ID: wrd Instrument ID: CHAN.i
Method: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 03-May-2024 08:49:40 Calib Date: 16-Apr-2024 00:40:13
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_014.D
Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1653

First Level Reviewer: F7XK

Date: 03-May-2024 08:49:40

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	11.634					10.0	ND
* 49 1,4-Difluorobenzene	114	13.474					10.0	ND
* 73 Chlorobenzene-d5	117	18.953					10.0	ND

QC Flag Legend

Processing Flags

Reagents:

ATTO15CISs_00012

Amount Added: 20.00

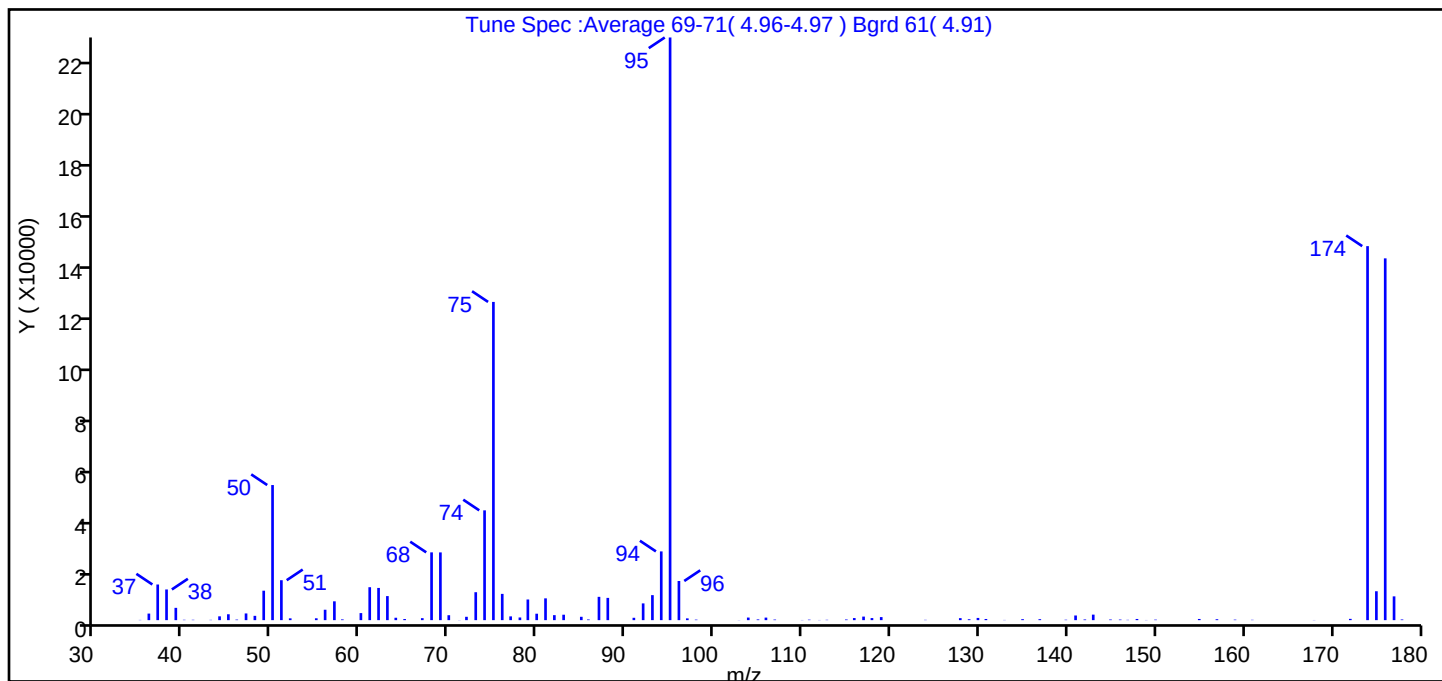
Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_001.D
Injection Date: 02-May-2024 07:55:46 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

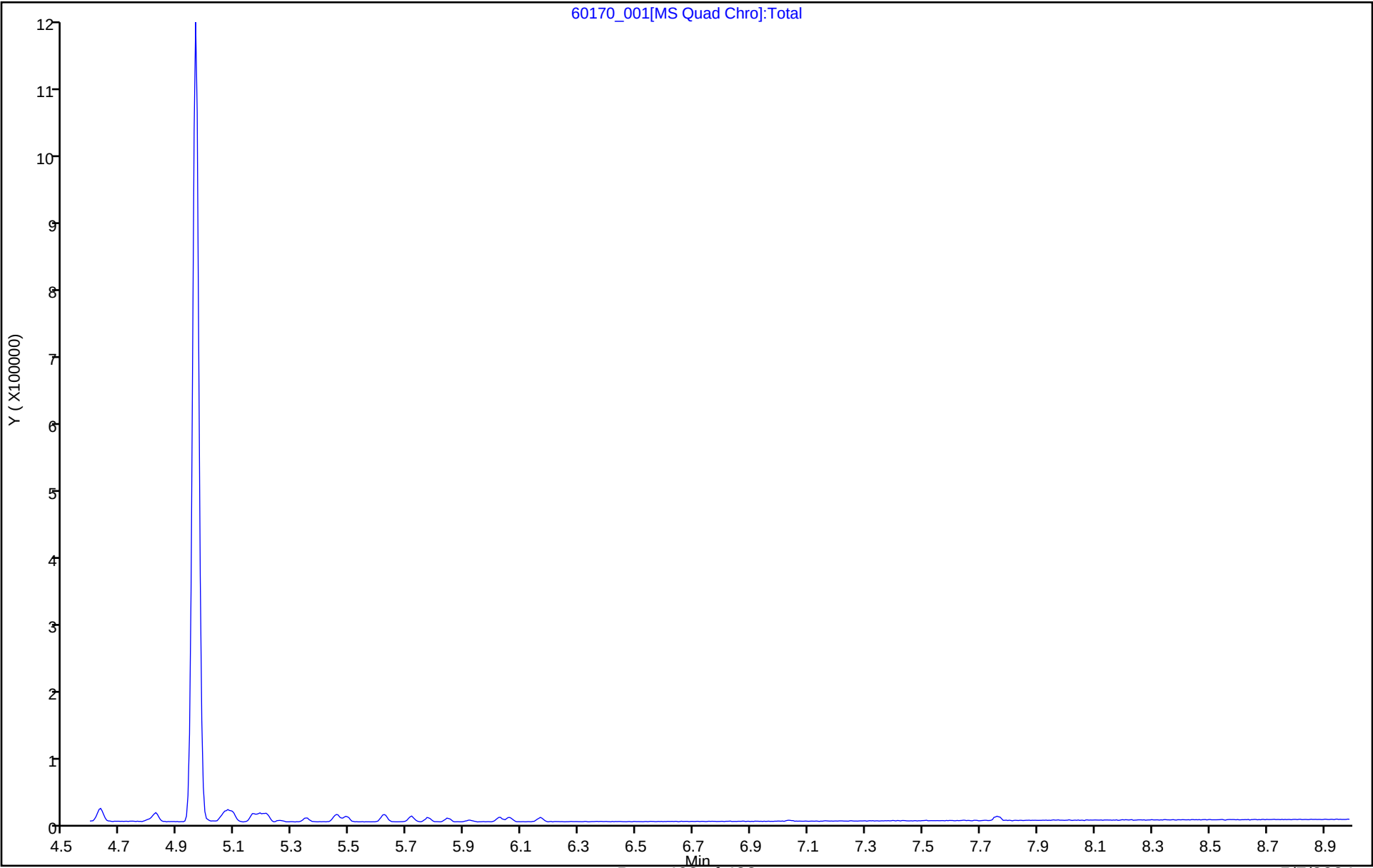
11 BFB



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	23.2
75	30.0 to 66.0 Percent of m/e 95	54.6
96	5.0 to 9.0 Percent of m/e 95	6.7
173	Less than 2.0 Percent of m/e 174	0.0 (0.0)
174	50.0 to 120.0 Percent of m/e 95	64.2
175	4.0 to 9.0 Percent of m/e 174	5.0 (7.7)
176	93.0 to 101.0 Percent of m/e 174	62.1 (96.7)
177	5.0 to 9.0 Percent of m/e 176	4.1 (6.6)

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_001.D\TO15_TO3_Master_Method_A
Injection Date: 02-May-2024 07:55:46
Spectrum: Tune Spec :Average 69-71(4.96-4.97) Bgrd 61(4.91)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 99

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	88	64.00	942	93.00	9823	133.00	82
36.00	2579	65.00	438	94.00	27008	135.00	378
37.00	14005	67.00	781	95.00	228928	137.00	377
38.00	12053	68.00	26632	96.00	15384	140.00	165
39.00	4830	69.00	26616	97.00	691	141.00	1826
40.00	144	70.00	1935	98.00	201	142.00	267
41.00	142	71.00	50	103.00	51	143.00	2168
43.00	113	72.00	1317	104.00	1016	145.00	251
44.00	1500	73.00	10974	105.00	290	146.00	227
45.00	2314	74.00	43136	106.00	999	147.00	120
46.00	219	75.00	125032	107.00	230	148.00	459
47.00	2632	76.00	10319	110.00	63	149.00	65
48.00	1691	77.00	1481	111.00	193	150.00	198
49.00	11570	78.00	1047	112.00	66	155.00	461
50.00	53080	79.00	8115	113.00	136	157.00	358
51.00	15691	80.00	2527	115.00	258	159.00	198
52.00	706	81.00	8560	116.00	821	161.00	131
55.00	726	82.00	1964	117.00	1395	168.00	61
56.00	4087	83.00	2133	118.00	815	172.00	503
57.00	7394	85.00	1318	119.00	1199	174.00	146944
58.00	288	86.00	266	124.00	121	175.00	11354
60.00	2772	87.00	9155	128.00	782	176.00	142144
61.00	12940	88.00	8743	129.00	354	177.00	9343
62.00	12652	91.00	929	130.00	869	178.00	265
63.00	9451	92.00	6581	131.00	454		



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

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-203676/5

Matrix: Air Lab File ID: 60170_005.D

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 05/02/2024 11:18

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.: 203676 Units: ppb v/v

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	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
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

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-203676/5

Matrix: Air Lab File ID: 60170_005.D

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 05/02/2024 11:18

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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
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	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	Xylene, o-	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
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

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 200-203676/5
Matrix: Air Lab File ID: 60170_005.D
Analysis Method: TO-15 Date Collected: _____
Sample wt/vol: 200 (mL) Date Analyzed: 05/02/2024 11:18
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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
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.: 200-73340-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-203676/5

Matrix: Air Lab File ID: 60170_005.D

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 05/02/2024 11:18

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.: 203676 Units: ug/m3

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	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
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

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-203676/5

Matrix: Air Lab File ID: 60170_005.D

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 05/02/2024 11:18

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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
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	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	Xylene, o-	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
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

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 200-203676/5
Matrix: Air Lab File ID: 60170_005.D
Analysis Method: TO-15 Date Collected: _____
Sample wt/vol: 200 (mL) Date Analyzed: 05/02/2024 11:18
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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
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\20240502-60170.b\60170_005.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 02-May-2024 11:18:53 ALS Bottle#: 0 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0060170-005
 Misc. Info.: mb
 Operator ID: wrd Instrument ID: CHAN.i
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 03-May-2024 08:51:15 Calib Date: 16-Apr-2024 00:40:13
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_014.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1653

First Level Reviewer: F7XK

Date: 03-May-2024 09:01:28

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		4.385					ND	7
2 Dichlorodifluoromethane	85		4.487					ND	
3 Chlorodifluoromethane	51		4.530					ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.856					ND	
5 Chloromethane	50		4.974					ND	
6 Vinyl chloride	62		5.273					ND	
7 Butane	43		5.273					ND	7
8 Butadiene	54		5.385					ND	
9 Bromomethane	94		6.108					ND	
10 Chloroethane	64		6.386					ND	
12 2-Methylbutane	43		6.589					ND	
13 Vinyl bromide	106		6.809					ND	
14 Trichlorofluoromethane	101		6.969					ND	
15 Pentane	43		7.172					ND	
16 Ethanol	45		7.360					ND	
18 Ethyl ether	59		7.584					ND	
19 Acrolein	56		7.836					ND	
20 1,1-Dichloroethene	96		8.034					ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.071					ND	
22 Acetone	43		8.114					ND	7
23 Isopropyl alcohol	45		8.408					ND	
24 Carbon disulfide	76		8.435					ND	7
25 Acetonitrile	41		8.622					ND	
26 3-Chloro-1-propene	41		8.729					ND	
27 Methylene Chloride	49		8.959					ND	7
28 2-Methyl-2-propanol	59		9.173					ND	
29 Acrylonitrile	53		9.366					ND	
30 trans-1,2-Dichloroethene	61		9.457					ND	
31 Methyl tert-butyl ether	73		9.462					ND	
32 Hexane	57		9.965					ND	
S 35 1,2-Dichloroethene, Total	61		10.200					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
33 1,1-Dichloroethane	63		10.227					ND	
34 Vinyl acetate	43		10.232					ND	
36 2-Butanone (MEK)	72		11.201					ND	
37 cis-1,2-Dichloroethene	96		11.227					ND	
38 Ethyl acetate	88		11.276					ND	
* 39 Chlorobromomethane	128	11.639	11.634	0.005	92	144166	10.0	10.0	
40 Tetrahydrofuran	42		11.671					ND	
41 Chloroform	83		11.816					ND	
42 1,1,1-Trichloroethane	97		12.121					ND	
43 Cyclohexane	84		12.255					ND	
44 Carbon tetrachloride	117		12.394					ND	
45 Benzene	78		12.741					ND	7
46 1,2-Dichloroethane	62		12.822					ND	
47 Isooctane	57		12.955					ND	
48 n-Heptane	43		13.260					ND	
* 49 1,4-Difluorobenzene	114	13.480	13.474	0.006	96	719646	10.0	10.0	
50 n-Butanol	56		13.699					ND	7
51 Trichloroethene	95		13.908					ND	
A 52 GRO	1	14.258	(6.579-21.937)		0	2312902		0	
53 1,2-Dichloropropane	63		14.368					ND	
54 Methyl methacrylate	69		14.448					ND	
55 1,4-Dioxane	88		14.491					ND	
57 Dibromomethane	174		14.523					ND	7
58 Dichlorobromomethane	83		14.833					ND	
A 60 TVOC as Toluene	1	15.630	(4.375-26.886)		0	2490953		0	
59 cis-1,3-Dichloropropene	75		15.636					ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.898					ND	
62 Toluene	92		16.272					ND	
A 63 Toluene Range	1	16.278	(16.208-16.347)		0	3681		NC	
A 65 C8 Range	1		(16.438-16.599)					ND	
64 n-Octane	43		16.518					ND	
66 trans-1,3-Dichloropropene	75		16.690					ND	
67 1,1,2-Trichloroethane	83		17.064					ND	
68 Tetrachloroethene	166		17.262					ND	
69 2-Hexanone	43		17.471					ND	7
70 Chlorodibromomethane	129		17.797					ND	
71 Ethylene Dibromide	107		18.038					ND	
* 73 Chlorobenzene-d5	117	18.953	18.953	0.000	90	615976	10.0	10.0	
74 Chlorobenzene	112		19.011					ND	
75 Ethylbenzene	91		19.199					ND	7
76 m-Xylene & p-Xylene	106		19.461					ND	
77 n-Nonane	57		19.514					ND	
S 80 Xylenes, Total	106		20.100					ND	7
78 o-Xylene	106		20.231					ND	
79 Styrene	104		20.263					ND	
81 Bromoform	173		20.600					ND	
82 Isopropylbenzene	105		20.911					ND	
83 1,1,2,2-Tetrachloroethane	83		21.419					ND	7
84 1,2,3-Trichloropropane	75		21.520					ND	
85 N-Propylbenzene	91		21.617					ND	7
86 2-Chlorotoluene	91		21.761					ND	7
87 4-Ethyltoluene	105		21.809					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
88 1,3,5-Trimethylbenzene	105		21.900					ND	7
89 n-Decane	57		21.927					ND	
90 Alpha Methyl Styrene	118		22.227					ND	
91 tert-Butylbenzene	119		22.376					ND	7
92 1,2,4-Trimethylbenzene	105		22.462					ND	7
93 sec-Butylbenzene	105		22.697					ND	7
94 1,3-Dichlorobenzene	146	22.874	22.874	0.000	85	1016		0.0158	
95 4-Isopropyltoluene	119		22.911					ND	7
96 1,4-Dichlorobenzene	146	23.018	23.013	0.005	87	1327		0.0210	
97 Benzyl chloride	91	23.157	23.157	0.000	95	1724		0.0170	
98 n-Butylbenzene	91		23.468					ND	7
99 1,2-Dichlorobenzene	146	23.516	23.505	0.011	71	961		0.0154	
100 Undecane	57		23.612					ND	7
101 Dodecane	57		25.212					ND	
102 1,2,4-Trichlorobenzene	180	25.971	25.971	0.000	90	2065		0.0495	
103 Hexachlorobutadiene	225		26.218					ND	7
104 Naphthalene	128	26.464	26.458	0.006	98	4409		0.0425	
105 1,2,3-Trichlorobenzene	180	26.870	26.876	-0.006	88	1125		0.0292	
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

Reagents:

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_005.D

Injection Date: 02-May-2024 11:18:53

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: MB

Worklist Smp#: 5

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

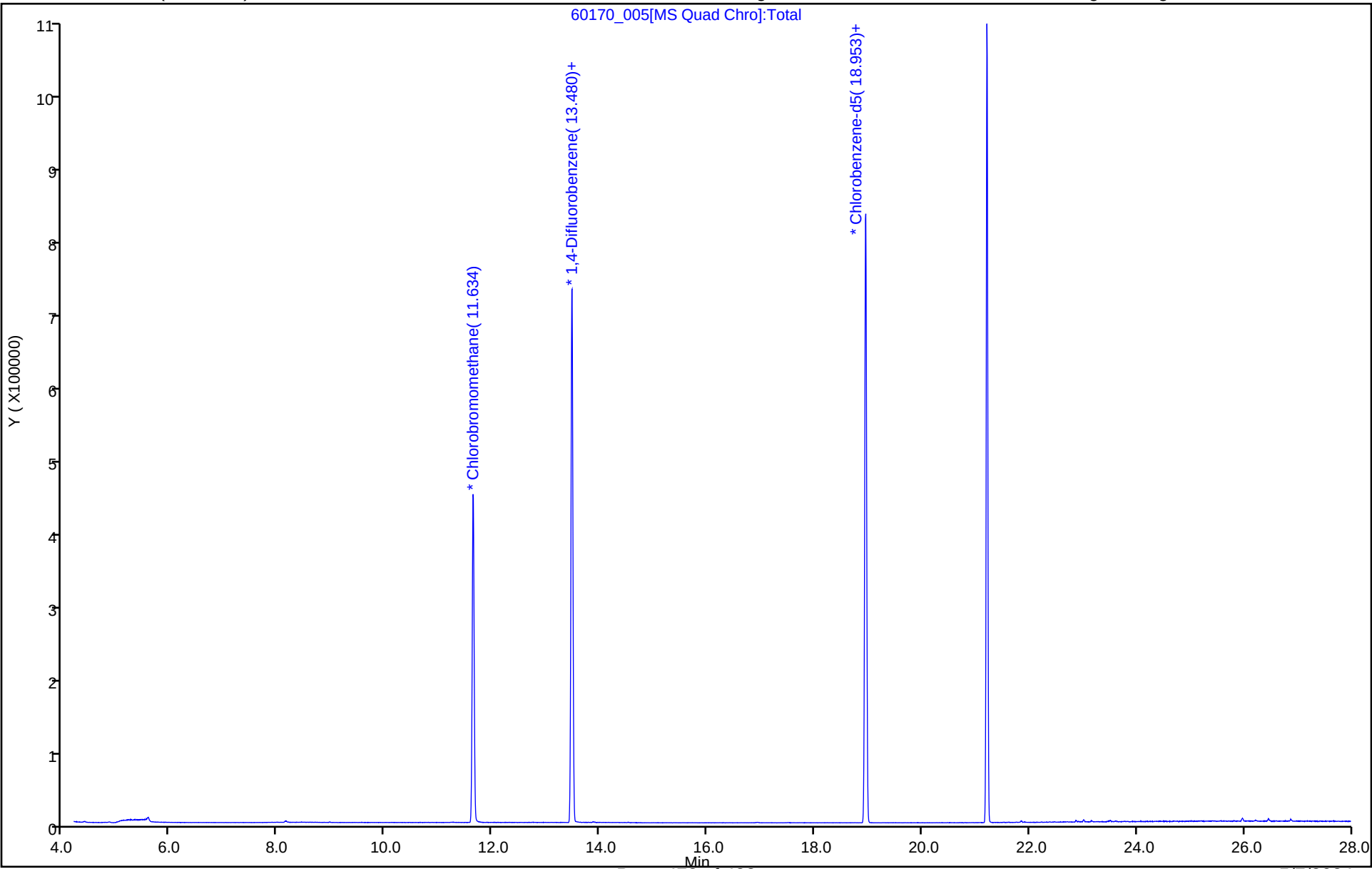
ALS Bottle#: 0

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



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

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 200-203676/3

Matrix: Air Lab File ID: 60170_003.D

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 05/02/2024 09:35

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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	10.6		0.50	0.11
75-45-6	Freon 22	86.47	9.56		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	10.4		0.20	0.048
74-87-3	Chloromethane	50.49	8.78		0.50	0.15
106-97-8	n-Butane	58.12	7.62		0.50	0.20
75-01-4	Vinyl chloride	62.50	8.24		0.078	0.021
106-99-0	1,3-Butadiene	54.09	7.66		0.20	0.039
74-83-9	Bromomethane	94.94	10.3		0.20	0.071
75-00-3	Chloroethane	64.52	9.01		0.50	0.18
593-60-2	Bromoethene (Vinyl Bromide)	106.96	10.9		0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	10.2		0.20	0.050
76-13-1	Freon TF	187.38	9.43		0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	8.78		0.035	0.026
67-64-1	Acetone	58.08	8.18		5.0	1.6
67-63-0	Isopropyl alcohol	60.10	8.68		5.0	1.6
75-15-0	Carbon disulfide	76.14	8.62		0.50	0.13
107-05-1	3-Chloropropene	76.53	7.14		0.50	0.12
75-09-2	Methylene Chloride	84.93	7.31		0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	8.55		5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	8.98		0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	8.14		0.20	0.023
110-54-3	n-Hexane	86.17	7.76		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	7.85		0.20	0.025
78-93-3	Methyl Ethyl Ketone	72.11	8.45		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	8.53		0.050	0.021
540-59-0	1,2-Dichloroethene, Total	96.94	16.7		0.40	0.021
67-66-3	Chloroform	119.38	8.95		0.20	0.041
109-99-9	Tetrahydrofuran	72.11	7.80		5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	9.95		0.20	0.044
110-82-7	Cyclohexane	84.16	9.23		0.20	0.058
56-23-5	Carbon tetrachloride	153.81	10.7		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	8.29		0.20	0.038

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 200-203676/3

Matrix: Air Lab File ID: 60170_003.D

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 05/02/2024 09:35

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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	8.81		0.20	0.044
107-06-2	1,2-Dichloroethane	98.96	9.16		0.20	0.093
142-82-5	n-Heptane	100.21	7.59		0.20	0.055
79-01-6	Trichloroethene	131.39	9.72		0.035	0.025
80-62-6	Methyl methacrylate	100.12	9.22		0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	8.31		0.20	0.094
123-91-1	1,4-Dioxane	88.11	9.91		5.0	0.082
75-27-4	Bromodichloromethane	163.83	9.89		0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	9.96		0.20	0.045
108-10-1	methyl isobutyl ketone	100.16	8.16		0.50	0.13
108-88-3	Toluene	92.14	9.59		0.20	0.062
10061-02-6	trans-1,3-Dichloropropene	110.97	9.81		0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	9.18		0.20	0.074
127-18-4	Tetrachloroethene	165.83	11.0		0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	8.63		0.50	0.15
124-48-1	Dibromochloromethane	208.28	11.1		0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	10.1		0.20	0.042
108-90-7	Chlorobenzene	112.56	10.0		0.20	0.044
100-41-4	Ethylbenzene	106.17	9.84		0.20	0.069
179601-23-1	m,p-Xylene	106.17	20.6		0.50	0.095
95-47-6	Xylene, o-	106.17	10.3		0.20	0.063
1330-20-7	Xylene (total)	106.17	30.9		0.70	0.052
100-42-5	Styrene	104.15	10.7		0.20	0.059
75-25-2	Bromoform	252.75	13.1		0.20	0.12
98-82-8	Cumene	120.19	10.6		0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.41		0.20	0.043
103-65-1	n-Propylbenzene	120.19	10.4		0.20	0.047
622-96-8	4-Ethyltoluene	120.20	11.0		0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	10.7		0.20	0.047
95-49-8	2-Chlorotoluene	126.59	10.2		0.20	0.046
98-06-6	tert-Butylbenzene	134.22	11.0		0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	11.0		0.20	0.080

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 200-203676/3
Matrix: Air Lab File ID: 60170_003.D
Analysis Method: TO-15 Date Collected: _____
Sample wt/vol: 200 (mL) Date Analyzed: 05/02/2024 09:35
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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	10.8		0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	11.3		0.20	0.061
541-73-1	1,3-Dichlorobenzene	147.00	11.6		0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	11.9		0.20	0.089
100-44-7	Benzyl chloride	126.58	11.8		0.20	0.088
104-51-8	n-Butylbenzene	134.22	11.1		0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	11.5		0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	13.4		0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	13.1		0.20	0.11
91-20-3	Naphthalene	128.17	13.4		0.50	0.30

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_003.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 02-May-2024 09:35:18 ALS Bottle#: 0 Worklist Smp#: 3
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0060170-003
 Operator ID: wrd Instrument ID: CHAN.i
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 03-May-2024 08:51:15 Calib Date: 16-Apr-2024 00:40:13
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20240415-59934.b\59934_014.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1653

First Level Reviewer: F7XK

Date: 03-May-2024 08:53:04

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	4.380	4.385	-0.005	98	345196	10.0	9.48	
2 Dichlorodifluoromethane	85	4.481	4.487	-0.006	99	936130	10.0	10.6	
3 Chlorodifluoromethane	51	4.530	4.530	0.000	97	631690	10.0	9.56	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.851	4.856	-0.005	98	961206	10.0	10.4	
5 Chloromethane	50	4.974	4.974	0.000	99	355922	10.0	8.78	
6 Vinyl chloride	62	5.273	5.273	0.000	75	275510	10.0	8.24	
7 Butane	43	5.273	5.273	0.000	96	424156	10.0	7.62	
8 Butadiene	54	5.386	5.385	0.001	97	208956	10.0	7.66	
9 Bromomethane	94	6.108	6.108	0.000	99	301550	10.0	10.3	
11 BFB									
10 Chloroethane	64	6.381	6.386	-0.005	100	183481	10.0	9.01	
12 2-Methylbutane	43	6.589	6.589	0.000	93	386855	10.0	7.58	
13 Vinyl bromide	106	6.809	6.809	0.000	99	275235	10.0	10.9	
14 Trichlorofluoromethane	101	6.969	6.969	0.000	98	743797	10.0	10.2	
15 Pentane	43	7.172	7.172	0.000	96	526335	10.0	7.28	
16 Ethanol	45	7.360	7.360	0.000	98	223546	15.0	11.0	
18 Ethyl ether	59	7.590	7.584	0.006	94	208951	10.0	8.48	
19 Acrolein	56	7.836	7.836	0.000	96	126748	10.0	10.2	
20 1,1-Dichloroethene	96	8.034	8.034	0.000	95	265268	10.0	8.78	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.071	8.071	0.000	93	567302	10.0	9.43	
22 Acetone	43	8.114	8.114	0.000	98	452122	10.0	8.18	
23 Isopropyl alcohol	45	8.408	8.408	0.000	99	467512	10.0	8.68	
24 Carbon disulfide	76	8.435	8.435	0.000	100	782929	10.0	8.62	
25 Acetonitrile	41	8.622	8.622	0.000	98	181595	10.0	7.01	
26 3-Chloro-1-propene	41	8.729	8.729	0.000	99	334474	10.0	7.14	
27 Methylene Chloride	49	8.965	8.959	0.006	95	303843	10.0	7.31	
28 2-Methyl-2-propanol	59	9.173	9.173	0.000	98	537317	10.0	8.55	
29 Acrylonitrile	53	9.366	9.366	0.000	93	177480	10.0	7.51	
30 trans-1,2-Dichloroethene	61	9.457	9.457	0.000	95	400782	10.0	8.14	
31 Methyl tert-butyl ether	73	9.462	9.462	0.000	97	751915	10.0	8.98	
32 Hexane	57	9.965	9.965	0.000	91	390668	10.0	7.76	
S 35 1,2-Dichloroethene, Total	61				0		20.0	16.7	

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	10.227	10.227	0.000	100	480460	10.0	7.85	
34 Vinyl acetate	43	10.232	10.232	0.000	100	652786	10.0	8.31	
36 2-Butanone (MEK)	72	11.201	11.201	0.000	99	126505	10.0	8.45	
37 cis-1,2-Dichloroethene	96	11.228	11.227	0.001	96	266213	10.0	8.53	
38 Ethyl acetate	88	11.276	11.276	0.000	100	23476	10.0	9.25	
* 39 Chlorobromomethane	128	11.634	11.634	0.000	94	143943	10.0	10.0	
40 Tetrahydrofuran	42	11.672	11.671	0.001	90	275865	10.0	7.80	
41 Chloroform	83	11.816	11.816	0.000	96	581650	10.0	8.95	
42 1,1,1-Trichloroethane	97	12.121	12.121	0.000	98	579725	10.0	9.95	
43 Cyclohexane	84	12.255	12.255	0.000	98	335352	10.0	9.23	
44 Carbon tetrachloride	117	12.394	12.394	0.000	96	578273	10.0	10.7	
45 Benzene	78	12.747	12.741	0.006	97	806010	10.0	8.81	
46 1,2-Dichloroethane	62	12.822	12.822	0.000	92	405806	10.0	9.16	
47 Isooctane	57	12.961	12.955	0.006	98	1290220	10.0	8.29	
48 n-Heptane	43	13.266	13.260	0.006	92	471291	10.0	7.59	
* 49 1,4-Difluorobenzene	114	13.480	13.474	0.006	96	709354	10.0	10.0	
50 n-Butanol	56	13.699	13.699	0.000	91	186253	10.0	8.60	
51 Trichloroethene	95	13.908	13.908	0.000	93	370881	10.0	9.72	
A 52 GRO	1	14.258	(6.579-21.937)	0	124833748	649.9	0		
53 1,2-Dichloropropane	63	14.368	14.368	0.000	88	316005	10.0	8.31	
54 Methyl methacrylate	69	14.448	14.448	0.000	94	294880	10.0	9.22	
55 1,4-Dioxane	88	14.491	14.491	0.000	95	161070	10.0	9.91	
57 Dibromomethane	174	14.523	14.523	0.000	90	277646	10.0	11.1	
58 Dichlorobromomethane	83	14.833	14.833	0.000	98	640453	10.0	9.89	
A 60 TVOC as Toluene	1	15.630	(4.375-26.886)	0	192489073	899.8	0		
59 cis-1,3-Dichloropropene	75	15.636	15.636	0.000	96	529086	10.0	9.96	
61 4-Methyl-2-pentanone (MIBK)	43	15.898	15.898	0.000	98	639106	10.0	8.16	
62 Toluene	92	16.272	16.272	0.000	93	563357	10.0	9.59	
A 63 Toluene Range	1	16.278	(16.208-16.347)	0	2386287	NC	NC		
A 65 C8 Range	1	16.518	(16.438-16.599)	0	2648605	NC	NC		
64 n-Octane	43	16.518	16.518	0.000	90	654411	10.0	7.85	
66 trans-1,3-Dichloropropene	75	16.690	16.690	0.000	98	485961	10.0	9.81	
67 1,1,2-Trichloroethane	83	17.064	17.064	0.000	98	306581	10.0	9.18	
68 Tetrachloroethene	166	17.262	17.262	0.000	91	400673	10.0	11.0	
69 2-Hexanone	43	17.471	17.471	0.000	94	608408	10.0	8.63	
70 Chlorodibromomethane	129	17.797	17.797	0.000	97	583895	10.0	11.1	
71 Ethylene Dibromide	107	18.038	18.038	0.000	98	523234	10.0	10.1	
* 73 Chlorobenzene-d5	117	18.947	18.953	-0.006	89	627435	10.0	10.0	
74 Chlorobenzene	112	19.006	19.011	-0.005	91	754623	10.0	10.0	
75 Ethylbenzene	91	19.199	19.199	0.000	99	1292142	10.0	9.84	
76 m-Xylene & p-Xylene	106	19.455	19.461	-0.006	0	937735	20.0	20.6	
77 n-Nonane	57	19.514	19.514	0.000	88	636584	10.0	8.62	
S 80 Xylenes, Total	106				0		30.0	30.9	
78 o-Xylene	106	20.231	20.231	0.000	97	451880	10.0	10.3	
79 Styrene	104	20.263	20.263	0.000	99	753340	10.0	10.7	
81 Bromoform	173	20.606	20.600	0.006	92	531185	10.0	13.1	
82 Isopropylbenzene	105	20.911	20.911	0.000	99	1402592	10.0	10.6	
83 1,1,2,2-Tetrachloroethane	83	21.419	21.419	0.000	99	809374	10.0	9.41	
84 1,2,3-Trichloropropane	75	21.520	21.520	0.000	98	647596	10.0	9.44	
85 N-Propylbenzene	91	21.611	21.617	-0.006	98	1795192	10.0	10.4	
86 2-Chlorotoluene	91	21.761	21.761	0.000	96	1132255	10.0	10.2	
87 4-Ethyltoluene	105	21.809	21.809	0.000	98	1431007	10.0	11.0	

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	21.900	21.900	0.000	92	1195534	10.0	10.7	
89 n-Decane	57	21.927	21.927	0.000	93	841194	10.0	8.82	
90 Alpha Methyl Styrene	118	22.227	22.227	0.000	84	582648	10.0	11.8	
91 tert-Butylbenzene	119	22.376	22.376	0.000	91	1107725	10.0	11.0	
92 1,2,4-Trimethylbenzene	105	22.462	22.462	0.000	98	1210074	10.0	11.0	
93 sec-Butylbenzene	105	22.697	22.697	0.000	98	1771764	10.0	10.8	
94 1,3-Dichlorobenzene	146	22.874	22.874	0.000	98	756314	10.0	11.6	
95 4-Isopropyltoluene	119	22.911	22.911	0.000	97	1430011	10.0	11.3	
96 1,4-Dichlorobenzene	146	23.013	23.013	0.000	91	763793	10.0	11.9	
97 Benzyl chloride	91	23.158	23.157	0.001	97	1220965	10.0	11.8	
98 n-Butylbenzene	91	23.468	23.468	0.000	98	1518724	10.0	11.1	
99 1,2-Dichlorobenzene	146	23.505	23.505	0.000	93	726822	10.0	11.5	
100 Undecane	57	23.612	23.612	0.000	94	890621	10.0	9.10	
101 Dodecane	57	25.212	25.212	0.000	96	790639	10.0	9.15	
102 1,2,4-Trichlorobenzene	180	25.972	25.971	0.001	93	571029	10.0	13.4	
103 Hexachlorobutadiene	225	26.218	26.218	0.000	93	453376	10.0	13.1	
104 Naphthalene	128	26.458	26.458	0.000	99	1411618	10.0	13.4	
105 1,2,3-Trichlorobenzene	180	26.876	26.876	0.000	94	467094	10.0	11.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15LCSW_00878

Amount Added: 200.00

Units: mL

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 03-May-2024 08:53:04

Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240502-60170.b\60170_003.D

Injection Date: 02-May-2024 09:35:18

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: LCS

Worklist Smp#: 3

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

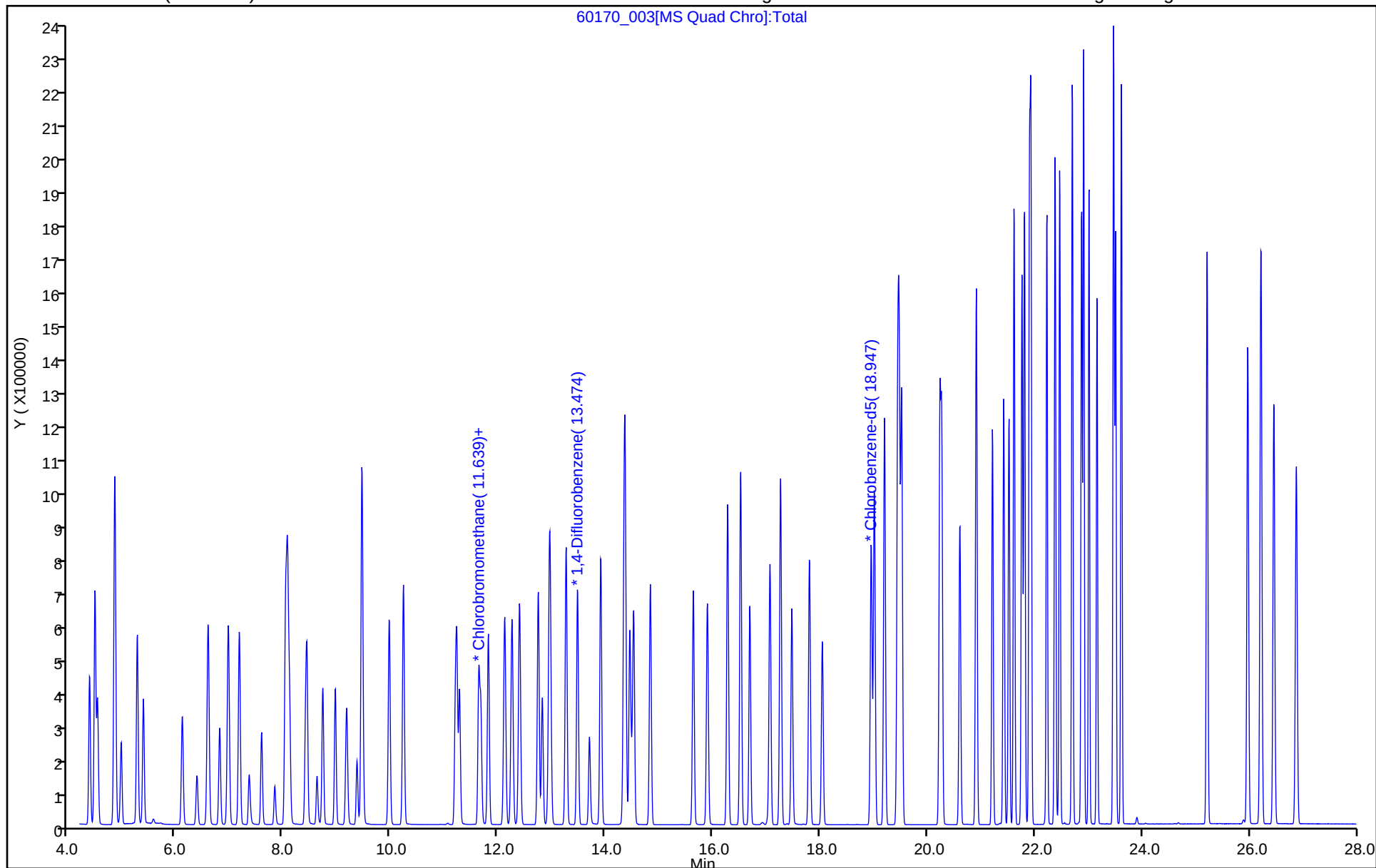
ALS Bottle#: 0

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



AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Instrument ID: CHAN.i

Start Date: 04/15/2024 13:14

Analysis Batch Number: 203045

End Date: 04/16/2024 05:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-203045/1		04/15/2024 13:14	1	59934_001.D	RTX-624 0.32 (mm)
IC 200-203045/4		04/15/2024 15:53	1	59934_004.D	RTX-624 0.32 (mm)
IC 200-203045/5		04/15/2024 16:46	1	59934_005.D	RTX-624 0.32 (mm)
IC 200-203045/6		04/15/2024 17:39	1	59934_006.D	RTX-624 0.32 (mm)
IC 200-203045/7		04/15/2024 18:32	1	59934_007.D	RTX-624 0.32 (mm)
ICIS 200-203045/9		04/15/2024 20:17	1	59934_009.D	RTX-624 0.32 (mm)
IC 200-203045/10		04/15/2024 21:10	1	59934_010.D	RTX-624 0.32 (mm)
IC 200-203045/13		04/15/2024 23:47	1	59934_013.D	RTX-624 0.32 (mm)
IC 200-203045/14		04/16/2024 00:40	1	59934_014.D	RTX-624 0.32 (mm)
ICV 200-203045/17		04/16/2024 03:17	1	59934_017.D	RTX-624 0.32 (mm)
ZZZZZ		04/16/2024 05:54	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins BurlingtonJob No.: 200-73340-1

SDG No.: _____

Instrument ID: CHAN.iStart Date: 05/02/2024 07:55Analysis Batch Number: 203676End Date: 05/02/2024 21:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-203676/1		05/02/2024 07:55	1	60170_001.D	RTX-624 0.32 (mm)
CCVIS 200-203676/2		05/02/2024 08:43	1	60170_002.D	RTX-624 0.32 (mm)
LCS 200-203676/3		05/02/2024 09:35	1	60170_003.D	RTX-624 0.32 (mm)
ZZZZZ		05/02/2024 10:27	1		RTX-624 0.32 (mm)
MB 200-203676/5		05/02/2024 11:18	1	60170_005.D	RTX-624 0.32 (mm)
ZZZZZ		05/02/2024 12:10	1		RTX-624 0.32 (mm)
ZZZZZ		05/02/2024 13:02	1		RTX-624 0.32 (mm)
200-73340-1	SVE-INF_20240430	05/02/2024 13:54	20	60170_008a.D	RTX-624 0.32 (mm)
200-73340-2	SVE-INT_20240430	05/02/2024 14:46	20	60170_009.D	RTX-624 0.32 (mm)
200-73340-3	SVE-EFF_20240430	05/02/2024 15:38	5	60170_010.D	RTX-624 0.32 (mm)
200-73340-4	SVE-X_20240430	05/02/2024 16:30	2	60170_011.D	RTX-624 0.32 (mm)
200-73340-5	SVE-TB_20240430	05/02/2024 17:22	1	60170_012.D	RTX-624 0.32 (mm)
ZZZZZ		05/02/2024 18:13	1		RTX-624 0.32 (mm)
ZZZZZ		05/02/2024 19:05	1		RTX-624 0.32 (mm)
ZZZZZ		05/02/2024 19:57	1		RTX-624 0.32 (mm)
ZZZZZ		05/02/2024 20:50	1		RTX-624 0.32 (mm)
ZZZZZ		05/02/2024 21:42	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Batch Number: 203045 Batch Start Date: 04/15/24 13:14 Batch Analyst: Bourdeau, Timothy PBatch Method: TO-15 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ATTO15CAL1w 00268	ATTO15CAL2w 00348	ATTO15CAL3w 00277	ATTO15CAL4w 00825
BFB 200-203045/1		TO-15			200 mL	200 mL				
IC 200-203045/4		TO-15			200 mL	200 mL	35 mL			
IC 200-203045/5		TO-15			200 mL	200 mL	200 mL			
IC 200-203045/6		TO-15			200 mL	200 mL		200 mL		
IC 200-203045/7		TO-15			200 mL	200 mL			200 mL	
ICIS 200-203045/9		TO-15			200 mL	200 mL				200 mL
IC 200-203045/10		TO-15			200 mL	200 mL				
IC 200-203045/13		TO-15			200 mL	200 mL				
IC 200-203045/14		TO-15			200 mL	200 mL				
ICV 200-203045/17		TO-15			200 mL	200 mL				

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ATTO15CAL5w 00145	ATTO15CAL6w 00234	ATTO15CAL7w 00145	ATTO15CISs 00012	ATTO15LCSW 00877	
BFB 200-203045/1		TO-15						20 mL		
IC 200-203045/4		TO-15						20 mL		
IC 200-203045/5		TO-15						20 mL		
IC 200-203045/6		TO-15						20 mL		
IC 200-203045/7		TO-15						20 mL		
ICIS 200-203045/9		TO-15						20 mL		
IC 200-203045/10		TO-15			200 mL			20 mL		
IC 200-203045/13		TO-15				200 mL		20 mL		
IC 200-203045/14		TO-15					200 mL	20 mL		
ICV 200-203045/17		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.: 200-73340-1

SDG No.: _____

Batch Number: 203045 Batch Start Date: 04/15/24 13:14 Batch Analyst: Bourdeau, Timothy PBatch 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.

TO-15

Page 2 of 2

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Batch Number: 203676 Batch Start Date: 05/02/24 07:55 Batch Analyst: Bunma, Arthit 1Batch Method: TO-15 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ATTO15CAL4w 00825	ATTO15CISS 00012	ATTO15LCSW 00878	
BFB 200-203676/1		TO-15			200 mL	200 mL		20 mL		
CCVIS 200-203676/2		TO-15			200 mL	200 mL	200 mL	20 mL		
LCS 200-203676/3		TO-15			200 mL	200 mL		20 mL	200 mL	
MB 200-203676/5		TO-15			200 mL	200 mL		20 mL		
200-73340-A-1	SVE-INF_20240430	TO-15	Air	T	10 mL	200 mL		20 mL		
200-73340-A-2	SVE-INT_20240430	TO-15	Air	T	10 mL	200 mL		20 mL		
200-73340-A-3	SVE-EFF_20240430	TO-15	Air	T	40 mL	200 mL		20 mL		
200-73340-A-4	SVE-X_20240430	TO-15	Air	T	100 mL	200 mL		20 mL		
200-73340-A-5	SVE-TB_20240430	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

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11

South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples



Environment Testing
America

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information		Client Project Manager: Tim Lwigan		Samples Collected By:		COC No.	
Company Name: AKNF	Phone:	Email: TLwigan@AKNF.com		TALS Project #		COCs	
Address: 440 Park Ave S	City/State/Zip: NY NY	Site Contact:		For Lab Use Only:		Walk-in Client	
Phone:	FAX:	Tel/Fax:		Lab Sampling			
Project Name: 975 Nostland	Analysis Turnaround Time				Job / SDG No.		
Site/Location: 975 Nostland	Standard (Specify): X				(See below for Add'l Items)		
P O # 210225	Rush (Specify):						
Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum In Field, "Hg (Start)	Canister Vacuum In Field, "Hg (Stop)	Canister ID
SVE-INF-20240430	9/30/24	1025	4/30/24	-	-	-	-
SVE-INT-20240430	1032	-	-	-	-	-	-
SVE-EFF-20240430	1035	-	-	-	-	-	-
FFR-HQ-SVE-X-20240430	-	-	-	-	-	-	-
MDUP-SVE-X-20240430	1200	-	-	-	-	-	-
Special Instructions/QC Requirements & Comments: AKNF EQUIP, NO ICE							
Samples Shipped by: Mike Bates		Date / Time: 9/30/24 1115		Samples Received by:			
Relinquished by:		Date / Time: 9/30/24 1630		Received by:			
Lab Use Only: Shipper Name:		Opened by:		Condition:			

ORIGIN ID:AVA (646) 630-1481
AJAY SINGH
4732 32ND PLACE
SUITE 1141
LONG ISLAND CITY, NY 11101
UNITED STATES US

SHIP DATE 30APR24
ACTWGT 2.00 LB
CAD 112977992/INET4535
BILL RECIPIENT

TO **SAMPLING RECEIVING BVT**
TESTAMERICA
530 COMMUNITY DR STE 11

SOUTH BURLINGTON VT 05403
REF

(802) 923-1026
INV
PO

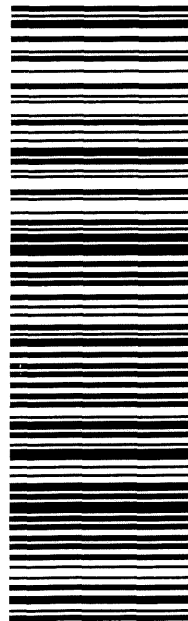
DEPT



WED - 01 MAY 10:30A
PRIORITY OVERNIGHT
DSR
05403
VT-US BTV

TRK# 7761 7821 7163

NX BTVA



After printing this label
1 Fold the printed page along the horizontal line
2 Place label in shipping pouch and affix it to your shipment
CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on
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: 200-73340-1

Login Number: 73340

List Source: Eurofins Burlington

List Number: 1

Creator: Muniz, Luca

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").	True	
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
April 30, 2024
From 975 Nostrand Avenue, Brooklyn, New York
Project No. 210225
Collected by AKRF, Inc.**

**SAMPLE DELIVERY GROUP NUMBER: 200-73340-1
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.**

May 15, 2024

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; April 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 April 30, 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 20240430	200-73340-1	Soil Vapor	04/30/2024
SVE-INT 20240430	200-73340-2	Soil Vapor	04/30/2024
SVE-EFF 20240430	200-73340-3	Soil Vapor	04/30/2024
SVE-X 20240430 [Field Duplicate of SVE-INF 20240430]	200-73340-4	Soil Vapor	04/30/2024
SVE-TB 20240430	200-73340-5	Ambient Air	04/30/2024

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.

Phone (516) 523-7891 email LABValidation@aol.com

Sample Receipt:

The Chain of Custody documents from April 30, 2024, indicates that the air samples were shipped via Federal Express to Eurofins TestAmerica Burlington and received on May 01, 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) the Trip Blank was listed on the chain of custody as the Field Duplicate. Samples were processed as labelled on the Tedlar Bags. No other discrepancies were noted upon sample receipt.

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 an 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 for analysis. 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-INF_20240430 as SVE-X_20240430. The parent sample was analyzed at reduced volume (10ml = 1:20 dilution) and the field duplicate also analyzed at reduced volume (100ml = 1:2 dilution). As a result of differing dilutions, the following analytes were lost in dilution in the parent sample: Dichlorodifluoromethane, Freon 22, n-Butane, Trichlorofluoromethane, Acetone, Isopropyl Alcohol, Carbon Disulfide, trans-1,2-Dichloroethene, n-Hexane, Chloroform, Tetrahydrofuran, Cyclohexane, Benzene, and 1,2,4-Trimethylbenzene. It is recommended that the end user make decisions based on field duplicate concentrations for these analytes.

Methyl Isobutyl Ketone, Toluene, m,p-Xylene, and Xylene (total) were detected and reported by the laboratory. These detections were subsequently negated, "U" due to Trip Blank contamination.

Detected analytes and concentrations that were not lost in dilution are summarized below:

Analyte	SVE-INF_20240430 (concentration in ug/m3)	SVE-X_20240430 (concentration in ug/m3)
cis-1,2-Dichloroethene	8.2	13
1,2-Dichloroethene, total	8.3	14
Trichloroethene	8.3	6.0
Tetrachloroethene	330	200

EPA Region II SOP HW-31 states that professional judgement should be utilized where RPD is >50%. No 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 was determined to be >70 %-< 130% for all reported analytes except for Hexachlorobutadiene (131%). This target analyte was not detected in field samples. Elevated recovery does not support any potential loss of detection and/or result bias. No qualifiers were applied.

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 from all the associated blanks is required to be utilized. The largest value from 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:

<u>Analyte</u>	<u>Conc ug/m3</u>
Carbon Disulfide	0.90 J
n-Hexane	0.69 J
Methyl Isobutyl Ketone	0.70 J
Toluene	7.9
Tetrachloroethene	0.34 J
m,p-Xylene	0.43 J
Xylene (total)	0.43 J

Sample results were evaluated based on the above criteria and low- level detections in samples were negated, "U" as follows:

SVE-INF_20240430 – Toluene (6.2 ug/m3) has been negated, "U."

SVE-INT_20240430 – Toluene (7.0 ug/m3) has been negated, "U."

SVE-EFF_20240430 – Toluene (8.0 ug/m3), Methyl Isobutyl Ketone (4.5 ug/m3), m,--Xylene (2.6 ug/m3), and Xylene – total (2.6 ug/m3) have been negated, "U."

**Acetone is a common laboratory contaminant. The end user should proceed with caution when making decisions based on this analyte in SVE-EFF_20240430 (47 ug/m3), and SVE-X_20240430 (48 ug/m3) that would not be negated due to lack of presence in the corresponding blanks.*

1.5 GC/MS Instrument Performance Check

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 document 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. Percent 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 was within acceptable limits (30%) for all target compounds except for Bromoform (31.4%), 1,2,4-Trichlorobenzene (31.6%), and Hexachlorobutadiene (31.0%). Non-detects in all samples have been qualified, "UJ."

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 at the volumes and dilutions presented on Form I's as follows: SVE-INF_20240430 (1:20), SVE-INT_20240430 (1:20), SVE-EFF_20240430 (1:5), and SVE-X_20240430 (1:2). Reporting limits have been adjusted accordingly based on reduced volumes utilized for analysis.

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

Lou A. Bay

Date

05/15/2024

**Appendix A
Chain of Custody Document
And Sample Receipt Checklist**



Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

[illegible]

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 200-73340-1

Login Number: 73340

List Source: Eurofins Burlington

List Number: 1

Creator: Muniz, Luca

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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

**Appendix B
Case Narrative**

Job Narrative
200-73340-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 5/1/2024 3:30 PM. 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.

Receipt Exceptions

The COC was incorrect - the trip blank ID on the COC was listed as "SVE-X". Per the container label, this sample is confirmed to the trip blank.

Method TO-15 - Volatile Organic Compounds in Ambient Air

Samples SVE-INF_20240430 (200-73340-1), SVE-INT_20240430 (200-73340-2), SVE-EFF_20240430 (200-73340-3), SVE-X_20240430 (200-73340-4) and SVE-TB_20240430 (200-73340-5) were analyzed for Volatile Organic Compounds in Ambient Air. The samples were analyzed on 5/2/2024.

Samples SVE-INF_20240430 (200-73340-1)[20x], SVE-INT_20240430 (200-73340-2)[20x], SVE-EFF_20240430 (200-73340-3)[5x] and SVE-X_20240430 (200-73340-4)[2x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) associated with batch 200-203676 recovered above the upper control limit for 1,2,4-Trichlorobenzene, Bromoform and Hexachlorobutadiene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SVE-INF_20240430, SVE-INT_20240430, SVE-EFF_20240430, SVE-X_20240430 and SVE-TB_20240430.

The laboratory control sample (LCS) for analytical batch 200-203676 recovered outside control limits for the following analytes: Hexachlorobutadiene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

**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.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-INF_20240430 Lab Sample ID: 200-73340-1
 Matrix: Air Lab File ID: 60170_008a.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 10:25
 Sample wt/vol: 10(mL) Date Analyzed: 05/02/2024 13:54
 Soil Aliquot Vol: _____ Dilution Factor: 20
 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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	10	U	10	2.2
75-45-6	Freon 22	86.47	10	U	10	2.4
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	4.0	U	4.0	0.96
74-87-3	Chloromethane	50.49	10	U	10	3.0
106-97-8	n-Butane	58.12	10	U	10	4.0
75-01-4	Vinyl chloride	62.50	1.6	U	1.6	0.42
106-99-0	1,3-Butadiene	54.09	4.0	U	4.0	0.78
74-83-9	Bromomethane	94.94	4.0	U	4.0	1.4
75-00-3	Chloroethane	64.52	10	U	10	3.6
593-60-2	Bromoethene (Vinyl Bromide)	106.96	4.0	U	4.0	1.0
75-69-4	Trichlorofluoromethane	137.37	4.0	U	4.0	1.0
76-13-1	Freon TF	187.38	4.0	U	4.0	1.1
75-35-4	1,1-Dichloroethene	96.94	0.70	U	0.70	0.52
67-64-1	Acetone	58.08	100	U	100	32
67-63-0	Isopropyl alcohol	60.10	100	U	100	32
75-15-0	Carbon disulfide	76.14	10	U	10	2.6
107-05-1	3-Chloropropene	76.53	10	U	10	2.4
75-09-2	Methylene Chloride	84.93	10	U	10	3.6
75-65-0	tert-Butyl alcohol	74.12	100	U	100	24
1634-04-4	Methyl tert-butyl ether	88.15	4.0	U	4.0	0.72
156-60-5	trans-1,2-Dichloroethene	96.94	4.0	U	4.0	0.46
110-54-3	n-Hexane	86.17	10	U	10	2.2
75-34-3	1,1-Dichloroethane	98.96	4.0	U	4.0	0.50
78-93-3	Methyl Ethyl Ketone	72.11	10	U	10	9.8
156-59-2	cis-1,2-Dichloroethene	96.94	2.1		1.0	0.42
540-59-0	1,2-Dichloroethene, Total	96.94	2.1	J	8.0	0.42
67-66-3	Chloroform	119.38	4.0	U	4.0	0.82
109-99-9	Tetrahydrofuran	72.11	100	U	100	26
71-55-6	1,1,1-Trichloroethane	133.41	4.0	U	4.0	0.88
110-82-7	Cyclohexane	84.16	4.0	U	4.0	1.2
56-23-5	Carbon tetrachloride	153.81	0.70	U	0.70	0.44
540-84-1	2,2,4-Trimethylpentane	114.23	4.0	U	4.0	0.76

for 5/14/2024

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-INF_20240430 Lab Sample ID: 200-73340-1
 Matrix: Air Lab File ID: 60170_008a.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 10:25
 Sample wt/vol: 10(mL) Date Analyzed: 05/02/2024 13:54
 Soil Aliquot Vol: _____ Dilution Factor: 20
 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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	4.0	U	4.0	0.88
107-06-2	1,2-Dichloroethane	98.96	4.0	U	4.0	1.9
142-82-5	n-Heptane	100.21	4.0	U	4.0	1.1
79-01-6	Trichloroethene	131.39	1.5		0.70	0.50
80-62-6	Methyl methacrylate	100.12	10	U	10	2.8
78-87-5	1,2-Dichloropropane	112.99	4.0	U	4.0	1.9
123-91-1	1,4-Dioxane	88.11	100	U	100	1.6
75-27-4	Bromodichloromethane	163.83	4.0	U	4.0	1.0
10061-01-5	cis-1,3-Dichloropropene	110.97	4.0	U	4.0	0.90
108-10-1	methyl isobutyl ketone	100.16	10	U	10	2.6
108-88-3	Toluene	92.14	~~4.0~~ 1.6	~~U~~	4.0	1.2
10061-02-6	trans-1,3-Dichloropropene	110.97	4.0	U	4.0	1.1
79-00-5	1,1,2-Trichloroethane	133.41	4.0	U	4.0	1.5
127-18-4	Tetrachloroethene	165.83	330		4.0	0.42
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10	U	10	3.0
124-48-1	Dibromochloromethane	208.28	4.0	U	4.0	1.3
106-93-4	1,2-Dibromoethane	187.87	4.0	U	4.0	0.84
108-90-7	Chlorobenzene	112.56	4.0	U	4.0	0.88
100-41-4	Ethylbenzene	106.17	4.0	U	4.0	1.4
179601-23-1	m,p-Xylene	106.17	10	U	10	1.9
95-47-6	Xylene, o-	106.17	4.0	U	4.0	1.3
1330-20-7	Xylene (total)	106.17	14	U	14	1.0
100-42-5	Styrene	104.15	4.0	U	4.0	1.2
75-25-2	Bromoform	252.75	4.0	~~U~~	4.0	2.4
98-82-8	Cumene	120.19	4.0	U	4.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	167.85	4.0	U	4.0	0.86
103-65-1	n-Propylbenzene	120.19	4.0	U	4.0	0.94
622-96-8	4-Ethyltoluene	120.20	4.0	U	4.0	0.98
108-67-8	1,3,5-Trimethylbenzene	120.20	4.0	U	4.0	0.94
95-49-8	2-Chlorotoluene	126.59	4.0	U	4.0	0.92
98-06-6	tert-Butylbenzene	134.22	4.0	U	4.0	0.94
95-63-6	1,2,4-Trimethylbenzene	120.20	4.0	U	4.0	1.6

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-INF_20240430 Lab Sample ID: 200-73340-1
 Matrix: Air Lab File ID: 60170_008a.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 10:25
 Sample wt/vol: 10(mL) Date Analyzed: 05/02/2024 13:54
 Soil Aliquot Vol: _____ Dilution Factor: 20
 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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	4.0	U	4.0	0.90
99-87-6	4-Isopropyltoluene	134.22	4.0	U	4.0	1.2
541-73-1	1,3-Dichlorobenzene	147.00	4.0	U	4.0	1.5
106-46-7	1,4-Dichlorobenzene	147.00	4.0	U	4.0	1.8
100-44-7	Benzyl chloride	126.58	4.0	U	4.0	1.8
104-51-8	n-Butylbenzene	134.22	4.0	U	4.0	2.2
95-50-1	1,2-Dichlorobenzene	147.00	4.0	U	4.0	1.3
120-82-1	1,2,4-Trichlorobenzene	181.45	10	U	10	6.6
87-68-3	Hexachlorobutadiene	260.76	4.0	U	4.0	2.2
91-20-3	Naphthalene	128.17	10	U	10	6.0

For 5/14/2024

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-INF_20240430 Lab Sample ID: 200-73340-1
 Matrix: Air Lab File ID: 60170_008a.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 10:25
 Sample wt/vol: 10(mL) Date Analyzed: 05/02/2024 13:54
 Soil Aliquot Vol: _____ Dilution Factor: 20
 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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	49	U	49	11
75-45-6	Freon 22	86.47	35	U	35	8.5
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	28	U	28	6.7
74-87-3	Chloromethane	50.49	21	U	21	6.2
106-97-8	n-Butane	58.12	24	U	24	9.5
75-01-4	Vinyl chloride	62.50	4.0	U	4.0	1.1
106-99-0	1,3-Butadiene	54.09	8.8	U	8.8	1.7
74-83-9	Bromomethane	94.94	16	U	16	5.5
75-00-3	Chloroethane	64.52	26	U	26	9.5
593-60-2	Bromoethene (Vinyl Bromide)	106.96	17	U	17	4.4
75-69-4	Trichlorofluoromethane	137.37	22	U	22	5.6
76-13-1	Freon TF	187.38	31	U	31	8.1
75-35-4	1,1-Dichloroethene	96.94	2.8	U	2.8	2.1
67-64-1	Acetone	58.08	240	U	240	76
67-63-0	Isopropyl alcohol	60.10	250	U	250	79
75-15-0	Carbon disulfide	76.14	31	U	31	8.1
107-05-1	3-Chloropropene	76.53	31	U	31	7.5
75-09-2	Methylene Chloride	84.93	35	U	35	13
75-65-0	tert-Butyl alcohol	74.12	300	U	300	73
1634-04-4	Methyl tert-butyl ether	88.15	14	U	14	2.6
156-60-5	trans-1,2-Dichloroethene	96.94	16	U	16	1.8
110-54-3	n-Hexane	86.17	35	U	35	7.8
75-34-3	1,1-Dichloroethane	98.96	16	U	16	2.0
78-93-3	Methyl Ethyl Ketone	72.11	29	U	29	29
156-59-2	cis-1,2-Dichloroethene	96.94	8.2		4.0	1.7
540-59-0	1,2-Dichloroethene, Total	96.94	8.3	J	32	1.7
67-66-3	Chloroform	119.38	20	U	20	4.0
109-99-9	Tetrahydrofuran	72.11	290	U	290	77
71-55-6	1,1,1-Trichloroethane	133.41	22	U	22	4.8
110-82-7	Cyclohexane	84.16	14	U	14	4.0
56-23-5	Carbon tetrachloride	153.81	4.4	U	4.4	2.8
540-84-1	2,2,4-Trimethylpentane	114.23	19	U	19	3.6

for 5/14/2024

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

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-INF_20240430

Lab Sample ID: 200-73340-1

Matrix: Air

Lab File ID: 60170_008a.D

Analysis Method: TO-15

Date Collected: 04/30/2024 10:25

Sample wt/vol: 10(mL)

Date Analyzed: 05/02/2024 13:54

Soil Aliquot Vol: _____

Dilution Factor: 20

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.: 203676

Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	13	U	13	2.8
107-06-2	1,2-Dichloroethane	98.96	16	U	16	7.5
142-82-5	n-Heptane	100.21	16	U	16	4.5
79-01-6	Trichloroethene	131.39	8.3		3.8	2.7
80-62-6	Methyl methacrylate	100.12	41	U	41	11
78-87-5	1,2-Dichloropropane	112.99	18	U	18	8.7
123-91-1	1,4-Dioxane	88.11	360	U	360	5.9
75-27-4	Bromodichloromethane	163.83	27	U	27	6.7
10061-01-5	cis-1,3-Dichloropropene	110.97	18	U	18	4.1
108-10-1	methyl isobutyl ketone	100.16	41	U	41	11
108-88-3	Toluene	92.14	15	U	15	4.7
10061-02-6	trans-1,3-Dichloropropene	110.97	18	U	18	4.9
79-00-5	1,1,2-Trichloroethane	133.41	22	U	22	8.1
127-18-4	Tetrachloroethene	165.83	2200		27	2.8
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	41	U	41	12
124-48-1	Dibromochloromethane	208.28	34	U	34	11
106-93-4	1,2-Dibromoethane	187.87	31	U	31	6.5
108-90-7	Chlorobenzene	112.56	18	U	18	4.1
100-41-4	Ethylbenzene	106.17	17	U	17	6.0
179601-23-1	m,p-Xylene	106.17	43	U	43	8.3
95-47-6	Xylene, o-	106.17	17	U	17	5.5
1330-20-7	Xylene (total)	106.17	61	U	61	4.5
100-42-5	Styrene	104.15	17	U	17	5.0
75-25-2	Bromoform	252.75	41	U	41	25
98-82-8	Cumene	120.19	20	U	20	4.0
79-34-5	1,1,2,2-Tetrachloroethane	167.85	27	U	27	5.9
103-65-1	n-Propylbenzene	120.19	20	U	20	4.6
622-96-8	4-Ethyltoluene	120.20	20	U	20	4.8
108-67-8	1,3,5-Trimethylbenzene	120.20	20	U	20	4.6
95-49-8	2-Chlorotoluene	126.59	21	U	21	4.8
98-06-6	tert-Butylbenzene	134.22	22	U	22	5.2
95-63-6	1,2,4-Trimethylbenzene	120.20	20	U	20	7.9

for 5/14/2024

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

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Client Sample ID: SVE-INF_20240430

Lab Sample ID: 200-73340-1

Matrix: Air

Lab File ID: 60170_008a.D

Analysis Method: TO-15

Date Collected: 04/30/2024 10:25

Sample wt/vol: 10(mL)

Date Analyzed: 05/02/2024 13:54

Soil Aliquot Vol:

Dilution Factor: 20

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.: 203676

Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	22	U	22	4.9
99-87-6	4-Isopropyltoluene	134.22	22	U	22	6.7
541-73-1	1,3-Dichlorobenzene	147.00	24	U	24	8.9
106-46-7	1,4-Dichlorobenzene	147.00	24	U	24	11
100-44-7	Benzyl chloride	126.58	21	U	21	9.1
104-51-8	n-Butylbenzene	134.22	22	U	22	12
95-50-1	1,2-Dichlorobenzene	147.00	24	U	24	7.9
120-82-1	1,2,4-Trichlorobenzene	181.45	74	U	74	49
87-68-3	Hexachlorobutadiene	260.76	43	U	43	23
91-20-3	Naphthalene	128.17	52	U	52	31

for 5/14/2024

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-INT_20240430 Lab Sample ID: 200-73340-2
 Matrix: Air Lab File ID: 60170_009.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 10:32
 Sample wt/vol: 10(mL) Date Analyzed: 05/02/2024 14:46
 Soil Aliquot Vol: _____ Dilution Factor: 20
 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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	10	U	10	2.2
75-45-6	Freon 22	86.47	10	U	10	2.4
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	4.0	U	4.0	0.96
74-87-3	Chloromethane	50.49	10	U	10	3.0
106-97-8	n-Butane	58.12	10	U	10	4.0
75-01-4	Vinyl chloride	62.50	1.6	U	1.6	0.42
106-99-0	1,3-Butadiene	54.09	4.0	U	4.0	0.78
74-83-9	Bromomethane	94.94	4.0	U	4.0	1.4
75-00-3	Chloroethane	64.52	10	U	10	3.6
593-60-2	Bromoethene (Vinyl Bromide)	106.96	4.0	U	4.0	1.0
75-69-4	Trichlorofluoromethane	137.37	4.0	U	4.0	1.0
76-13-1	Freon TF	187.38	4.0	U	4.0	1.1
75-35-4	1,1-Dichloroethene	96.94	0.70	U	0.70	0.52
67-64-1	Acetone	58.08	100	U	100	32
67-63-0	Isopropyl alcohol	60.10	100	U	100	32
75-15-0	Carbon disulfide	76.14	10	U	10	2.6
107-05-1	3-Chloropropene	76.53	10	U	10	2.4
75-09-2	Methylene Chloride	84.93	10	U	10	3.6
75-65-0	tert-Butyl alcohol	74.12	100	U	100	24
1634-04-4	Methyl tert-butyl ether	88.15	4.0	U	4.0	0.72
156-60-5	trans-1,2-Dichloroethene	96.94	4.0	U	4.0	0.46
110-54-3	n-Hexane	86.17	10	U	10	2.2
75-34-3	1,1-Dichloroethane	98.96	4.0	U	4.0	0.50
78-93-3	Methyl Ethyl Ketone	72.11	10	U	10	9.8
156-59-2	cis-1,2-Dichloroethene	96.94	2.2		1.0	0.42
540-59-0	1,2-Dichloroethene, Total	96.94	2.2	J	8.0	0.42
67-66-3	Chloroform	119.38	4.0	U	4.0	0.82
109-99-9	Tetrahydrofuran	72.11	100	U	100	26
71-55-6	1,1,1-Trichloroethane	133.41	4.0	U	4.0	0.88
110-82-7	Cyclohexane	84.16	4.0	U	4.0	1.2
56-23-5	Carbon tetrachloride	153.81	0.70	U	0.70	0.44
540-84-1	2,2,4-Trimethylpentane	114.23	4.0	U	4.0	0.76

5/14/2024

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

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.:

Client Sample ID: SVE-INT_20240430

Lab Sample ID: 200-73340-2

Matrix: Air

Lab File ID: 60170_009.D

Analysis Method: TO-15

Date Collected: 04/30/2024 10:32

Sample wt/vol: 10(mL)

Date Analyzed: 05/02/2024 14:46

Soil Aliquot Vol:

Dilution Factor: 20

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.: 203676

Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	4.0	U	4.0	0.88
107-06-2	1,2-Dichloroethane	98.96	4.0	U	4.0	1.9
142-82-5	n-Heptane	100.21	4.0	U	4.0	1.1
79-01-6	Trichloroethene	131.39	1.5		0.70	0.50
80-62-6	Methyl methacrylate	100.12	10	U	10	2.8
78-87-5	1,2-Dichloropropane	112.99	4.0	U	4.0	1.9
123-91-1	1,4-Dioxane	88.11	100	U	100	1.6
75-27-4	Bromodichloromethane	163.83	4.0	U	4.0	1.0
10061-01-5	cis-1,3-Dichloropropene	110.97	4.0	U	4.0	0.90
108-10-1	methyl isobutyl ketone	100.16	10	U	10	2.6
108-88-3	Toluene	92.14	4.0	U	4.0	1.2
10061-02-6	trans-1,3-Dichloropropene	110.97	4.0	U	4.0	1.1
79-00-5	1,1,2-Trichloroethane	133.41	4.0	U	4.0	1.5
127-18-4	Tetrachloroethene	165.83	330		4.0	0.42
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10	U	10	3.0
124-48-1	Dibromochloromethane	208.28	4.0	U	4.0	1.3
106-93-4	1,2-Dibromoethane	187.87	4.0	U	4.0	0.84
108-90-7	Chlorobenzene	112.56	4.0	U	4.0	0.88
100-41-4	Ethylbenzene	106.17	4.0	U	4.0	1.4
179601-23-1	m,p-Xylene	106.17	10	U	10	1.9
95-47-6	Xylene, o-	106.17	4.0	U	4.0	1.3
1330-20-7	Xylene (total)	106.17	14	U	14	1.0
100-42-5	Styrene	104.15	4.0	U	4.0	1.2
75-25-2	Bromoform	252.75	4.0	U	4.0	2.4
98-82-8	Cumene	120.19	4.0	U	4.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	167.85	4.0	U	4.0	0.86
103-65-1	n-Propylbenzene	120.19	4.0	U	4.0	0.94
622-96-8	4-Ethyltoluene	120.20	4.0	U	4.0	0.98
108-67-8	1,3,5-Trimethylbenzene	120.20	4.0	U	4.0	0.94
95-49-8	2-Chlorotoluene	126.59	4.0	U	4.0	0.92
98-06-6	tert-Butylbenzene	134.22	4.0	U	4.0	0.94
95-63-6	1,2,4-Trimethylbenzene	120.20	4.0	U	4.0	1.6

for 5/14/2024

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-INT_20240430 Lab Sample ID: 200-73340-2
 Matrix: Air Lab File ID: 60170_009.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 10:32
 Sample wt/vol: 10(mL) Date Analyzed: 05/02/2024 14:46
 Soil Aliquot Vol: _____ Dilution Factor: 20
 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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	4.0	U	4.0	0.90
99-87-6	4-Isopropyltoluene	134.22	4.0	U	4.0	1.2
541-73-1	1,3-Dichlorobenzene	147.00	4.0	U	4.0	1.5
106-46-7	1,4-Dichlorobenzene	147.00	4.0	U	4.0	1.8
100-44-7	Benzyl chloride	126.58	4.0	U	4.0	1.8
104-51-8	n-Butylbenzene	134.22	4.0	U	4.0	2.2
95-50-1	1,2-Dichlorobenzene	147.00	4.0	U	4.0	1.3
120-82-1	1,2,4-Trichlorobenzene	181.45	10	U	10	6.6
87-68-3	Hexachlorobutadiene	260.76	4.0	U	4.0	2.2
91-20-3	Naphthalene	128.17	10	U	10	6.0

for 5/14/2024

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-INT_20240430 Lab Sample ID: 200-73340-2
 Matrix: Air Lab File ID: 60170_009.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 10:32
 Sample wt/vol: 10(mL) Date Analyzed: 05/02/2024 14:46
 Soil Aliquot Vol: _____ Dilution Factor: 20
 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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	49	U	49	11
75-45-6	Freon 22	86.47	35	U	35	8.5
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	28	U	28	6.7
74-87-3	Chloromethane	50.49	21	U	21	6.2
106-97-8	n-Butane	58.12	24	U	24	9.5
75-01-4	Vinyl chloride	62.50	4.0	U	4.0	1.1
106-99-0	1,3-Butadiene	54.09	8.8	U	8.8	1.7
74-83-9	Bromomethane	94.94	16	U	16	5.5
75-00-3	Chloroethane	64.52	26	U	26	9.5
593-60-2	Bromoethene (Vinyl Bromide)	106.96	17	U	17	4.4
75-69-4	Trichlorofluoromethane	137.37	22	U	22	5.6
76-13-1	Freon TF	187.38	31	U	31	8.1
75-35-4	1,1-Dichloroethene	96.94	2.8	U	2.8	2.1
67-64-1	Acetone	58.08	240	U	240	76
67-63-0	Isopropyl alcohol	60.10	250	U	250	79
75-15-0	Carbon disulfide	76.14	31	U	31	8.1
107-05-1	3-Chloropropene	76.53	31	U	31	7.5
75-09-2	Methylene Chloride	84.93	35	U	35	13
75-65-0	tert-Butyl alcohol	74.12	300	U	300	73
1634-04-4	Methyl tert-butyl ether	88.15	14	U	14	2.6
156-60-5	trans-1,2-Dichloroethene	96.94	16	U	16	1.8
110-54-3	n-Hexane	86.17	35	U	35	7.8
75-34-3	1,1-Dichloroethane	98.96	16	U	16	2.0
78-93-3	Methyl Ethyl Ketone	72.11	29	U	29	29
156-59-2	cis-1,2-Dichloroethene	96.94	8.6		4.0	1.7
540-59-0	1,2-Dichloroethene, Total	96.94	8.7	J	32	1.7
67-66-3	Chloroform	119.38	20	U	20	4.0
109-99-9	Tetrahydrofuran	72.11	290	U	290	77
71-55-6	1,1,1-Trichloroethane	133.41	22	U	22	4.8
110-82-7	Cyclohexane	84.16	14	U	14	4.0
56-23-5	Carbon tetrachloride	153.81	4.4	U	4.4	2.8
540-84-1	2,2,4-Trimethylpentane	114.23	19	U	19	3.6

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

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-INT_20240430

Lab Sample ID: 200-73340-2

Matrix: Air

Lab File ID: 60170_009.D

Analysis Method: TO-15

Date Collected: 04/30/2024 10:32

Sample wt/vol: 10 (mL)

Date Analyzed: 05/02/2024 14:46

Soil Aliquot Vol: _____

Dilution Factor: 20

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.: 203676

Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	13	U	13	2.8
107-06-2	1,2-Dichloroethane	98.96	16	U	16	7.5
142-82-5	n-Heptane	100.21	16	U	16	4.5
79-01-6	Trichloroethene	131.39	7.9		3.8	2.7
80-62-6	Methyl methacrylate	100.12	41	U	41	11
78-87-5	1,2-Dichloropropane	112.99	18	U	18	8.7
123-91-1	1,4-Dioxane	88.11	360	U	360	5.9
75-27-4	Bromodichloromethane	163.83	27	U	27	6.7
10061-01-5	cis-1,3-Dichloropropene	110.97	18	U	18	4.1
108-10-1	methyl isobutyl ketone	100.16	41	U	41	11
108-88-3	Toluene	92.14	15 20 J U	U	15	4.7
10061-02-6	trans-1,3-Dichloropropene	110.97	18	U	18	4.9
79-00-5	1,1,2-Trichloroethane	133.41	22	U	22	8.1
127-18-4	Tetrachloroethene	165.83	2300		27	2.8
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	41	U	41	12
124-48-1	Dibromochloromethane	208.28	34	U	34	11
106-93-4	1,2-Dibromoethane	187.87	31	U	31	6.5
108-90-7	Chlorobenzene	112.56	18	U	18	4.1
100-41-4	Ethylbenzene	106.17	17	U	17	6.0
179601-23-1	m,p-Xylene	106.17	43	U	43	8.3
95-47-6	Xylene, o-	106.17	17	U	17	5.5
1330-20-7	Xylene (total)	106.17	61	U	61	4.5
100-42-5	Styrene	104.15	17	U	17	5.0
75-25-2	Bromoform	252.75	41	U U J	41	25
98-82-8	Cumene	120.19	20	U	20	4.0
79-34-5	1,1,2,2-Tetrachloroethane	167.85	27	U	27	5.9
103-65-1	n-Propylbenzene	120.19	20	U	20	4.6
622-96-8	4-Ethyltoluene	120.20	20	U	20	4.8
108-67-8	1,3,5-Trimethylbenzene	120.20	20	U	20	4.6
95-49-8	2-Chlorotoluene	126.59	21	U	21	4.8
98-06-6	tert-Butylbenzene	134.22	22	U	22	5.2
95-63-6	1,2,4-Trimethylbenzene	120.20	20	U	20	7.9

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-INT_20240430 Lab Sample ID: 200-73340-2
 Matrix: Air Lab File ID: 60170_009.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 10:32
 Sample wt/vol: 10(mL) Date Analyzed: 05/02/2024 14:46
 Soil Aliquot Vol: _____ Dilution Factor: 20
 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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	22	U	22	4.9
99-87-6	4-Isopropyltoluene	134.22	22	U	22	6.7
541-73-1	1,3-Dichlorobenzene	147.00	24	U	24	8.9
106-46-7	1,4-Dichlorobenzene	147.00	24	U	24	11
100-44-7	Benzyl chloride	126.58	21	U	21	9.1
104-51-8	n-Butylbenzene	134.22	22	U	22	12
95-50-1	1,2-Dichlorobenzene	147.00	24	U	24	7.9
120-82-1	1,2,4-Trichlorobenzene	181.45	74	U	74	49
87-68-3	Hexachlorobutadiene	260.76	43	U	43	23
91-20-3	Naphthalene	128.17	52	U	52	31

for 5/14/2024

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-EFF_20240430 Lab Sample ID: 200-73340-3

Matrix: Air Lab File ID: 60170_010.D

Analysis Method: TO-15 Date Collected: 04/30/2024 10:35

Sample wt/vol: 40(mL) Date Analyzed: 05/02/2024 15:38

Soil Aliquot Vol: _____ Dilution Factor: 5

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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.55
75-45-6	Freon 22	86.47	2.5	U	2.5	0.60
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.0	U	1.0	0.24
74-87-3	Chloromethane	50.49	2.5	U	2.5	0.75
106-97-8	n-Butane	58.12	2.1	J	2.5	1.0
75-01-4	Vinyl chloride	62.50	0.39	U	0.39	0.11
106-99-0	1,3-Butadiene	54.09	1.0	U	1.0	0.20
74-83-9	Bromomethane	94.94	1.0	U	1.0	0.36
75-00-3	Chloroethane	64.52	2.5	U	2.5	0.90
593-60-2	Bromoethene (Vinyl Bromide)	106.96	1.0	U	1.0	0.25
75-69-4	Trichlorofluoromethane	137.37	1.0	U	1.0	0.25
76-13-1	Freon TF	187.38	1.0	U	1.0	0.27
75-35-4	1,1-Dichloroethene	96.94	0.18	U	0.18	0.13
67-64-1	Acetone	58.08	20	J	25	8.0
67-63-0	Isopropyl alcohol	60.10	30		25	8.0
75-15-0	Carbon disulfide	76.14	2.5	U	2.5	0.65
107-05-1	3-Chloropropene	76.53	2.5	U	2.5	0.60
75-09-2	Methylene Chloride	84.93	2.5	U	2.5	0.90
75-65-0	tert-Butyl alcohol	74.12	25	U	25	6.0
1634-04-4	Methyl tert-butyl ether	88.15	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	96.94	1.0	U	1.0	0.12
110-54-3	n-Hexane	86.17	2.5	U	2.5	0.55
75-34-3	1,1-Dichloroethane	98.96	1.0	U	1.0	0.13
78-93-3	Methyl Ethyl Ketone	72.11	2.5	U	2.5	2.5
156-59-2	cis-1,2-Dichloroethene	96.94	3.2		0.25	0.11
540-59-0	1,2-Dichloroethene, Total	96.94	3.2		2.0	0.11
67-66-3	Chloroform	119.38	0.52	J	1.0	0.21
109-99-9	Tetrahydrofuran	72.11	27		25	6.5
71-55-6	1,1,1-Trichloroethane	133.41	1.0	U	1.0	0.22
110-82-7	Cyclohexane	84.16	1.0	U	1.0	0.29
56-23-5	Carbon tetrachloride	153.81	0.18	U	0.18	0.11
540-84-1	2,2,4-Trimethylpentane	114.23	1.0	U	1.0	0.19

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

Lab Name: Eurofins Burlington

Job No.: 200-73340-1

SDG No.: _____

Client Sample ID: SVE-EFF_20240430

Lab Sample ID: 200-73340-3

Matrix: Air

Lab File ID: 60170_010.D

Analysis Method: TO-15

Date Collected: 04/30/2024 10:35

Sample wt/vol: 40(mL)

Date Analyzed: 05/02/2024 15:38

Soil Aliquot Vol: _____

Dilution Factor: 5

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.: 203676

Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	0.24	J	1.0	0.22
107-06-2	1,2-Dichloroethane	98.96	1.0	U	1.0	0.47
142-82-5	n-Heptane	100.21	1.0	U	1.0	0.28
79-01-6	Trichloroethene	131.39	1.1		0.18	0.13
80-62-6	Methyl methacrylate	100.12	2.5	U	2.5	0.70
78-87-5	1,2-Dichloropropane	112.99	1.0	U	1.0	0.47
123-91-1	1,4-Dioxane	88.11	25	U	25	0.41
75-27-4	Bromodichloromethane	163.83	1.0	U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	110.97	1.0	U	1.0	0.23
108-10-1	methyl isobutyl ketone	100.16	2.5	1.1 J U	2.5	0.65
108-88-3	Toluene	92.14	2.1	U	1.0	0.31
10061-02-6	trans-1,3-Dichloropropene	110.97	1.0	U	1.0	0.27
79-00-5	1,1,2-Trichloroethane	133.41	1.0	U	1.0	0.37
127-18-4	Tetrachloroethene	165.83	130		1.0	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.5	U	2.5	0.75
124-48-1	Dibromochloromethane	208.28	1.0	U	1.0	0.32
106-93-4	1,2-Dibromoethane	187.87	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	112.56	1.0	U	1.0	0.22
100-41-4	Ethylbenzene	106.17	1.0	U	1.0	0.35
179601-23-1	m,p-Xylene	106.17	2.5 0.60	J U	2.5	0.48
95-47-6	Xylene, o-	106.17	1.0	U	1.0	0.32
1330-20-7	Xylene (total)	106.17	3.5 0.60	J U	3.5	0.26
100-42-5	Styrene	104.15	1.0	U	1.0	0.30
75-25-2	Bromoform	252.75	1.0	U U J	1.0	0.60
98-82-8	Cumene	120.19	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.0	U	1.0	0.22
103-65-1	n-Propylbenzene	120.19	1.0	U	1.0	0.24
622-96-8	4-Ethyltoluene	120.20	1.0	U	1.0	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	1.0	U	1.0	0.24
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.23
98-06-6	tert-Butylbenzene	134.22	1.0	U	1.0	0.24
95-63-6	1,2,4-Trimethylbenzene	120.20	0.63	J	1.0	0.40

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-EFF_20240430 Lab Sample ID: 200-73340-3
 Matrix: Air Lab File ID: 60170_010.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 10:35
 Sample wt/vol: 40 (mL) Date Analyzed: 05/02/2024 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 5
 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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	1.0	U	1.0	0.23
99-87-6	4-Isopropyltoluene	134.22	1.0	U	1.0	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.0	U	1.0	0.37
106-46-7	1,4-Dichlorobenzene	147.00	1.0	U	1.0	0.45
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.44
104-51-8	n-Butylbenzene	134.22	1.0	U	1.0	0.55
95-50-1	1,2-Dichlorobenzene	147.00	1.0	U	1.0	0.33
120-82-1	1,2,4-Trichlorobenzene	181.45	2.5	U	2.5	1.7
87-68-3	Hexachlorobutadiene	260.76	1.0	U	1.0	0.55
91-20-3	Naphthalene	128.17	2.5	U	2.5	1.5

for 5/14/2024

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-EFF_20240430 Lab Sample ID: 200-73340-3
 Matrix: Air Lab File ID: 60170_010.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 10:35
 Sample wt/vol: 40(mL) Date Analyzed: 05/02/2024 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 5
 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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	12	U	12	2.7
75-45-6	Freon 22	86.47	8.8	U	8.8	2.1
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	7.0	U	7.0	1.7
74-87-3	Chloromethane	50.49	5.2	U	5.2	1.5
106-97-8	n-Butane	58.12	5.0	J	5.9	2.4
75-01-4	Vinyl chloride	62.50	1.0	U	1.0	0.27
106-99-0	1,3-Butadiene	54.09	2.2	U	2.2	0.43
74-83-9	Bromomethane	94.94	3.9	U	3.9	1.4
75-00-3	Chloroethane	64.52	6.6	U	6.6	2.4
593-60-2	Bromoethene (Vinyl Bromide)	106.96	4.4	U	4.4	1.1
75-69-4	Trichlorofluoromethane	137.37	5.6	U	5.6	1.4
76-13-1	Freon TF	187.38	7.7	U	7.7	2.0
75-35-4	1,1-Dichloroethene	96.94	0.70	U	0.70	0.52
67-64-1	Acetone	58.08	47	J	59	19
67-63-0	Isopropyl alcohol	60.10	74		61	20
75-15-0	Carbon disulfide	76.14	7.8	U	7.8	2.0
107-05-1	3-Chloropropene	76.53	7.8	U	7.8	1.9
75-09-2	Methylene Chloride	84.93	8.7	U	8.7	3.1
75-65-0	tert-Butyl alcohol	74.12	76	U	76	18
1634-04-4	Methyl tert-butyl ether	88.15	3.6	U	3.6	0.65
156-60-5	trans-1,2-Dichloroethene	96.94	4.0	U	4.0	0.46
110-54-3	n-Hexane	86.17	8.8	U	8.8	1.9
75-34-3	1,1-Dichloroethane	98.96	4.0	U	4.0	0.51
78-93-3	Methyl Ethyl Ketone	72.11	7.4	U	7.4	7.2
156-59-2	cis-1,2-Dichloroethene	96.94	13		1.0	0.42
540-59-0	1,2-Dichloroethene, Total	96.94	13		7.9	0.42
67-66-3	Chloroform	119.38	2.5	J	4.9	1.0
109-99-9	Tetrahydrofuran	72.11	80		74	19
71-55-6	1,1,1-Trichloroethane	133.41	5.5	U	5.5	1.2
110-82-7	Cyclohexane	84.16	3.4	U	3.4	1.0
56-23-5	Carbon tetrachloride	153.81	1.1	U	1.1	0.69
540-84-1	2,2,4-Trimethylpentane	114.23	4.7	U	4.7	0.89

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-EFF_20240430 Lab Sample ID: 200-73340-3
 Matrix: Air Lab File ID: 60170_010.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 10:35
 Sample wt/vol: 40(mL) Date Analyzed: 05/02/2024 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 5
 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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	0.76	J	3.2	0.70
107-06-2	1,2-Dichloroethane	98.96	4.0	U	4.0	1.9
142-82-5	n-Heptane	100.21	4.1	U	4.1	1.1
79-01-6	Trichloroethene	131.39	6.2		0.94	0.67
80-62-6	Methyl methacrylate	100.12	10	U	10	2.9
78-87-5	1,2-Dichloropropane	112.99	4.6	U	4.6	2.2
123-91-1	1,4-Dioxane	88.11	90	U	90	1.5
75-27-4	Bromodichloromethane	163.83	6.7	U	6.7	1.7
10061-01-5	cis-1,3-Dichloropropene	110.97	4.5	U	4.5	1.0
108-10-1	methyl isobutyl ketone	100.16	10	U	10	2.7
108-88-3	Toluene	92.14	8.0	U	3.8	1.2
10061-02-6	trans-1,3-Dichloropropene	110.97	4.5	U	4.5	1.2
79-00-5	1,1,2-Trichloroethane	133.41	5.5	U	5.5	2.0
127-18-4	Tetrachloroethene	165.83	880		6.8	0.71
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10	U	10	3.1
124-48-1	Dibromochloromethane	208.28	8.5	U	8.5	2.7
106-93-4	1,2-Dibromoethane	187.87	7.7	U	7.7	1.6
108-90-7	Chlorobenzene	112.56	4.6	U	4.6	1.0
100-41-4	Ethylbenzene	106.17	4.3	U	4.3	1.5
179601-23-1	m,p-Xylene	106.17	11 2.6	U	11	2.1
95-47-6	Xylene, o-	106.17	4.3	U	4.3	1.4
1330-20-7	Xylene (total)	106.17	15 2.6	U	15	1.1
100-42-5	Styrene	104.15	4.3	U	4.3	1.3
75-25-2	Bromoform	252.75	10	U	10	6.2
98-82-8	Cumene	120.19	4.9	U	4.9	1.0
79-34-5	1,1,2,2-Tetrachloroethane	167.85	6.9	U	6.9	1.5
103-65-1	n-Propylbenzene	120.19	4.9	U	4.9	1.2
622-96-8	4-Ethyltoluene	120.20	4.9	U	4.9	1.2
108-67-8	1,3,5-Trimethylbenzene	120.20	4.9	U	4.9	1.2
95-49-8	2-Chlorotoluene	126.59	5.2	U	5.2	1.2
98-06-6	tert-Butylbenzene	134.22	5.5	U	5.5	1.3
95-63-6	1,2,4-Trimethylbenzene	120.20	3.1	J	4.9	2.0

for 5/14/2024

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-EFF_20240430 Lab Sample ID: 200-73340-3
 Matrix: Air Lab File ID: 60170_010.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 10:35
 Sample wt/vol: 40 (mL) Date Analyzed: 05/02/2024 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 5
 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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	5.5	U	5.5	1.2
99-87-6	4-Isopropyltoluene	134.22	5.5	U	5.5	1.7
541-73-1	1,3-Dichlorobenzene	147.00	6.0	U	6.0	2.2
106-46-7	1,4-Dichlorobenzene	147.00	6.0	U	6.0	2.7
100-44-7	Benzyl chloride	126.58	5.2	U	5.2	2.3
104-51-8	n-Butylbenzene	134.22	5.5	U	5.5	3.0
95-50-1	1,2-Dichlorobenzene	147.00	6.0	U	6.0	2.0
120-82-1	1,2,4-Trichlorobenzene	181.45	19	U	19	12
87-68-3	Hexachlorobutadiene	260.76	11	U	11	5.9
91-20-3	Naphthalene	128.17	13	U	13	7.9

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-X_20240430 Lab Sample ID: 200-73340-4
 Matrix: Air SVE-INF-20240430 Lab File ID: 60170_011.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 00:00
 Sample wt/vol: 100(mL) Date Analyzed: 05/02/2024 16:30
 Soil Aliquot Vol: _____ Dilution Factor: 2
 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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.40	J	1.0	0.22
75-45-6	Freon 22	86.47	0.49	J	1.0	0.24
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.40	U	0.40	0.096
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.30
106-97-8	n-Butane	58.12	2.1		1.0	0.40
75-01-4	Vinyl chloride	62.50	0.16	U	0.16	0.042
106-99-0	1,3-Butadiene	54.09	0.40	U	0.40	0.078
74-83-9	Bromomethane	94.94	0.40	U	0.40	0.14
75-00-3	Chloroethane	64.52	1.0	U	1.0	0.36
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.40	U	0.40	0.10
75-69-4	Trichlorofluoromethane	137.37	0.19	J	0.40	0.10
76-13-1	Freon TF	187.38	0.40	U	0.40	0.11
75-35-4	1,1-Dichloroethene	96.94	0.070	U	0.070	0.052
67-64-1	Acetone	58.08	20		10	3.2
67-63-0	Isopropyl alcohol	60.10	11		10	3.2
75-15-0	Carbon disulfide	76.14	0.70	J	1.0	0.26
107-05-1	3-Chloropropene	76.53	1.0	U	1.0	0.24
75-09-2	Methylene Chloride	84.93	1.0	U	1.0	0.36
75-65-0	tert-Butyl alcohol	74.12	10	U	10	2.4
1634-04-4	Methyl tert-butyl ether	88.15	0.40	U	0.40	0.072
156-60-5	trans-1,2-Dichloroethene	96.94	0.049	J	0.40	0.046
110-54-3	n-Hexane	86.17	0.30	J	1.0	0.22
75-34-3	1,1-Dichloroethane	98.96	0.40	U	0.40	0.050
78-93-3	Methyl Ethyl Ketone	72.11	1.0	U	1.0	0.98
156-59-2	cis-1,2-Dichloroethene	96.94	3.4		0.10	0.042
540-59-0	1,2-Dichloroethene, Total	96.94	3.4		0.80	0.042
67-66-3	Chloroform	119.38	0.53		0.40	0.082
109-99-9	Tetrahydrofuran	72.11	36		10	2.6
71-55-6	1,1,1-Trichloroethane	133.41	0.40	U	0.40	0.088
110-82-7	Cyclohexane	84.16	0.20	J	0.40	0.12
56-23-5	Carbon tetrachloride	153.81	0.070	U	0.070	0.044
540-84-1	2,2,4-Trimethylpentane	114.23	0.40	U	0.40	0.076

for 5/14/2024

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-X_20240430 Lab Sample ID: 200-73340-4
 Matrix: Air SVE-INF-20240430 Lab File ID: 60170_011.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 00:00
 Sample wt/vol: 100 (mL) Date Analyzed: 05/02/2024 16:30
 Soil Aliquot Vol: _____ Dilution Factor: 2
 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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	0.17	J	0.40	0.088
107-06-2	1,2-Dichloroethane	98.96	0.40	U	0.40	0.19
142-82-5	n-Heptane	100.21	0.40	U	0.40	0.11
79-01-6	Trichloroethene	131.39	1.1		0.070	0.050
80-62-6	Methyl methacrylate	100.12	1.0	U	1.0	0.28
78-87-5	1,2-Dichloropropane	112.99	0.40	U	0.40	0.19
123-91-1	1,4-Dioxane	88.11	10	U	10	0.16
75-27-4	Bromodichloromethane	163.83	0.40	U	0.40	0.10
10061-01-5	cis-1,3-Dichloropropene	110.97	0.40	U	0.40	0.090
108-10-1	methyl isobutyl ketone	100.16	1.0 0.92	J U	1.0	0.26
108-88-3	Toluene	92.14	1.4	U	0.40	0.12
10061-02-6	trans-1,3-Dichloropropene	110.97	0.40	U	0.40	0.11
79-00-5	1,1,2-Trichloroethane	133.41	0.40	U	0.40	0.15
127-18-4	Tetrachloroethene	165.83	29		0.40	0.042
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	1.0	U	1.0	0.30
124-48-1	Dibromodichloromethane	208.28	0.40	U	0.40	0.13
106-93-4	1,2-Dibromoethane	187.87	0.40	U	0.40	0.084
108-90-7	Chlorobenzene	112.56	0.40	U	0.40	0.088
100-41-4	Ethylbenzene	106.17	0.40	U	0.40	0.14
179601-23-1	m,p-Xylene	106.17	1.0 0.23	J U	1.0	0.19
95-47-6	Xylene, o-	106.17	0.40	U	0.40	0.13
1330-20-7	Xylene (total)	106.17	1.4 0.23	J U	1.4	0.10
100-42-5	Styrene	104.15	0.40	U	0.40	0.12
75-25-2	Bromoform	252.75	0.40	U U	0.40	0.24
98-82-8	Cumene	120.19	0.40	U	0.40	0.082
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.40	U	0.40	0.086
103-65-1	n-Propylbenzene	120.19	0.40	U	0.40	0.094
622-96-8	4-Ethyltoluene	120.20	0.40	U	0.40	0.098
108-67-8	1,3,5-Trimethylbenzene	120.20	0.40	U	0.40	0.094
95-49-8	2-Chlorotoluene	126.59	0.40	U	0.40	0.092
98-06-6	tert-Butylbenzene	134.22	0.40	U	0.40	0.094
95-63-6	1,2,4-Trimethylbenzene	120.20	0.23	J	0.40	0.16

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-X_20240430 Lab Sample ID: 200-73340-4
 Matrix: Air SVE-INF-20240430 Lab File ID: 60170_011.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 00:00
 Sample wt/vol: 100 (mL) Date Analyzed: 05/02/2024 16:30
 Soil Aliquot Vol: _____ Dilution Factor: 2
 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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	0.40	U	0.40	0.090
99-87-6	4-Isopropyltoluene	134.22	0.40	U	0.40	0.12
541-73-1	1,3-Dichlorobenzene	147.00	0.40	U	0.40	0.15
106-46-7	1,4-Dichlorobenzene	147.00	0.40	U	0.40	0.18
100-44-7	Benzyl chloride	126.58	0.40	U	0.40	0.18
104-51-8	n-Butylbenzene	134.22	0.40	U	0.40	0.22
95-50-1	1,2-Dichlorobenzene	147.00	0.40	U	0.40	0.13
120-82-1	1,2,4-Trichlorobenzene	181.45	1.0	U	1.0	0.66
87-68-3	Hexachlorobutadiene	260.76	0.40	U	0.40	0.22
91-20-3	Naphthalene	128.17	1.0	U	1.0	0.60

for 5/14/2024

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-X_20240430 Lab Sample ID: 200-73340-4
 Matrix: Air SVE-INF-20240430 Lab File ID: 60170_011.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 00:00
 Sample wt/vol: 100(mL) Date Analyzed: 05/02/2024 16:30
 Soil Aliquot Vol: _____ Dilution Factor: 2
 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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.0	J	4.9	1.1
75-45-6	Freon 22	86.47	1.7	J	3.5	0.85
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	2.8	U	2.8	0.67
74-87-3	Chloromethane	50.49	2.1	U	2.1	0.62
106-97-8	n-Butane	58.12	5.1		2.4	0.95
75-01-4	Vinyl chloride	62.50	0.40	U	0.40	0.11
106-99-0	1,3-Butadiene	54.09	0.88	U	0.88	0.17
74-83-9	Bromomethane	94.94	1.6	U	1.6	0.55
75-00-3	Chloroethane	64.52	2.6	U	2.6	0.95
593-60-2	Bromoethene (Vinyl Bromide)	106.96	1.7	U	1.7	0.44
75-69-4	Trichlorofluoromethane	137.37	1.1	J	2.2	0.56
76-13-1	Freon TF	187.38	3.1	U	3.1	0.81
75-35-4	1,1-Dichloroethene	96.94	0.28	U	0.28	0.21
67-64-1	Acetone	58.08	48		24	7.6
67-63-0	Isopropyl alcohol	60.10	27		25	7.9
75-15-0	Carbon disulfide	76.14	2.2	J	3.1	0.81
107-05-1	3-Chloropropene	76.53	3.1	U	3.1	0.75
75-09-2	Methylene Chloride	84.93	3.5	U	3.5	1.3
75-65-0	tert-Butyl alcohol	74.12	30	U	30	7.3
1634-04-4	Methyl tert-butyl ether	88.15	1.4	U	1.4	0.26
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	J	1.6	0.18
110-54-3	n-Hexane	86.17	1.1	J	3.5	0.78
75-34-3	1,1-Dichloroethane	98.96	1.6	U	1.6	0.20
78-93-3	Methyl Ethyl Ketone	72.11	2.9	U	2.9	2.9
156-59-2	cis-1,2-Dichloroethene	96.94	13		0.40	0.17
540-59-0	1,2-Dichloroethene, Total	96.94	14		3.2	0.17
67-66-3	Chloroform	119.38	2.6		2.0	0.40
109-99-9	Tetrahydrofuran	72.11	100		29	7.7
71-55-6	1,1,1-Trichloroethane	133.41	2.2	U	2.2	0.48
110-82-7	Cyclohexane	84.16	0.68	J	1.4	0.40
56-23-5	Carbon tetrachloride	153.81	0.44	U	0.44	0.28
540-84-1	2,2,4-Trimethylpentane	114.23	1.9	U	1.9	0.36

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-X_20240430 Lab Sample ID: 200-73340-4
 Matrix: Air SVE-INF-10240430 Lab File ID: 60170_011.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 00:00
 Sample wt/vol: 100 (mL) Date Analyzed: 05/02/2024 16:30
 Soil Aliquot Vol: _____ Dilution Factor: 2
 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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	0.56	J	1.3	0.28
107-06-2	1,2-Dichloroethane	98.96	1.6	U	1.6	0.75
142-82-5	n-Heptane	100.21	1.6	U	1.6	0.45
79-01-6	Trichloroethene	131.39	6.0		0.38	0.27
80-62-6	Methyl methacrylate	100.12	4.1	U	4.1	1.1
78-87-5	1,2-Dichloropropane	112.99	1.8	U	1.8	0.87
123-91-1	1,4-Dioxane	88.11	36	U	36	0.59
75-27-4	Bromodichloromethane	163.83	2.7	U	2.7	0.67
10061-01-5	cis-1,3-Dichloropropene	110.97	1.8	U	1.8	0.41
108-10-1	methyl isobutyl ketone	100.16	4.1	U	4.1	1.1
108-88-3	Toluene	92.14	5.5	U	1.5	0.47
10061-02-6	trans-1,3-Dichloropropene	110.97	1.8	U	1.8	0.49
79-00-5	1,1,2-Trichloroethane	133.41	2.2	U	2.2	0.81
127-18-4	Tetrachloroethene	165.83	200		2.7	0.28
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	4.1	U	4.1	1.2
124-48-1	Dibromochloromethane	208.28	3.4	U	3.4	1.1
106-93-4	1,2-Dibromoethane	187.87	3.1	U	3.1	0.65
108-90-7	Chlorobenzene	112.56	1.8	U	1.8	0.41
100-41-4	Ethylbenzene	106.17	1.7	U	1.7	0.60
179601-23-1	m,p-Xylene	106.17	4.3	U	4.3	0.83
95-47-6	Xylene, o-	106.17	1.7	U	1.7	0.55
1330-20-7	Xylene (total)	106.17	6.1	U	6.1	0.45
100-42-5	Styrene	104.15	1.7	U	1.7	0.50
75-25-2	Bromoform	252.75	4.1	U	4.1	2.5
98-82-8	Cumene	120.19	2.0	U	2.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.7	U	2.7	0.59
103-65-1	n-Propylbenzene	120.19	2.0	U	2.0	0.46
622-96-8	4-Ethyltoluene	120.20	2.0	U	2.0	0.48
108-67-8	1,3,5-Trimethylbenzene	120.20	2.0	U	2.0	0.46
95-49-8	2-Chlorotoluene	126.59	2.1	U	2.1	0.48
98-06-6	tert-Butylbenzene	134.22	2.2	U	2.2	0.52
95-63-6	1,2,4-Trimethylbenzene	120.20	1.1	J	2.0	0.79

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-X_20240430 Lab Sample ID: 200-73340-4
 Matrix: Air SVE-INF-20240430 Lab File ID: 60170_011.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 00:00
 Sample wt/vol: 100 (mL) Date Analyzed: 05/02/2024 16:30
 Soil Aliquot Vol: _____ Dilution Factor: 2
 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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	2.2	U	2.2	0.49
99-87-6	4-Isopropyltoluene	134.22	2.2	U	2.2	0.67
541-73-1	1,3-Dichlorobenzene	147.00	2.4	U	2.4	0.89
106-46-7	1,4-Dichlorobenzene	147.00	2.4	U	2.4	1.1
100-44-7	Benzyl chloride	126.58	2.1	U	2.1	0.91
104-51-8	n-Butylbenzene	134.22	2.2	U	2.2	1.2
95-50-1	1,2-Dichlorobenzene	147.00	2.4	U	2.4	0.79
120-82-1	1,2,4-Trichlorobenzene	181.45	7.4	U	7.4	4.9
87-68-3	Hexachlorobutadiene	260.76	4.3	U	4.3	2.3
91-20-3	Naphthalene	128.17	5.2	U	5.2	3.1

for 5/7/2024

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-TB_20240430 Lab Sample ID: 200-73340-5
 Matrix: Air Lab File ID: 60170_012.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 12:00
 Sample wt/vol: 200 (mL) Date Analyzed: 05/02/2024 17:22
 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.: 203676 Units: ppb v/v

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	0.29	J	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	0.20	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	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
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

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
SDG No.: _____
Client Sample ID: SVE-TB_20240430 Lab Sample ID: 200-73340-5
Matrix: Air Lab File ID: 60170_012.D
Analysis Method: TO-15 Date Collected: 04/30/2024 12:00
Sample wt/vol: 200 (mL) Date Analyzed: 05/02/2024 17:22
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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
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	methyl isobutyl ketone	100.16	0.17	J	0.50	0.13
108-88-3	Toluene	92.14	2.1		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	0.050	J	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	0.099	J	0.50	0.095
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.063
1330-20-7	Xylene (total)	106.17	0.099	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
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

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-TB_20240430 Lab Sample ID: 200-73340-5
 Matrix: Air Lab File ID: 60170_012.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 12:00
 Sample wt/vol: 200 (mL) Date Analyzed: 05/02/2024 17:22
 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.: 203676 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
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

for 5/14/2024

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-TB_20240430 Lab Sample ID: 200-73340-5
 Matrix: Air Lab File ID: 60170_012.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 12:00
 Sample wt/vol: 200 (mL) Date Analyzed: 05/02/2024 17:22
 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.: 203676 Units: ug/m3

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	0.90	J	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	0.69	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	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
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

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-TB_20240430 Lab Sample ID: 200-73340-5
 Matrix: Air Lab File ID: 60170_012.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 12:00
 Sample wt/vol: 200 (mL) Date Analyzed: 05/02/2024 17:22
 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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
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	methyl isobutyl ketone	100.16	0.70	J	2.0	0.53
108-88-3	Toluene	92.14	7.9		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	0.34	J	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	0.43	J	2.2	0.41
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.27
1330-20-7	Xylene (total)	106.17	0.43	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
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

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

Lab Name: Eurofins Burlington Job No.: 200-73340-1
 SDG No.: _____
 Client Sample ID: SVE-TB_20240430 Lab Sample ID: 200-73340-5
 Matrix: Air Lab File ID: 60170_012.D
 Analysis Method: TO-15 Date Collected: 04/30/2024 12:00
 Sample wt/vol: 200(mL) Date Analyzed: 05/02/2024 17:22
 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.: 203676 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
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