APPENDIX F

Analytical Data

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ANALYTICAL REPORT

PREPARED FOR

Attn: MaryBeth Lyons
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia NY 11749

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JOB DESCRIPTION

35-32 College Point Blvd, Flushing, NY

JOB NUMBER

200-78438-1

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington VT 05403

See page two for job notes and contact information.

my EOL

Eurofins Burlington

Job Notes

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Authorization



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Authorized for release by
Elizabeth J Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
732 549-3900

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Definitions/Glossary

Client: Roux Environmental Eng & Geology DPC
Job ID: 200-78438-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Job Narrative
200-78438-1

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 6/23/2025 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Receipt Exceptions
Per client email on 6/24/25, the following sample stop time was corrected to 13:00: 200-78438-3

Method TO-15 - Volatile Organic Compounds in Ambient Air
Samples RXSV-04 (200-78438-1), DUP-SV-06202025 (200-78438-2), RXSV-05 (200-78438-3), RXSV-01 (200-78438-4), RXSV-09 (200-78438-5) and RXSV-07 (200-78438-6) were analyzed for Volatile Organic Compounds in Ambient Air. The samples were analyzed on 6/24/2025, 6/25/2025 and 6/26/2025.

Samples RXSV-04 (200-78438-1)[12.5x], DUP-SV-06202025 (200-78438-2)[20x], RXSV-05 (200-78438-3)[12.5x], RXSV-05 (200-78438-3)[4x], RXSV-01 (200-78438-4)[10x], RXSV-01 (200-78438-4)[101x], RXSV-09 (200-78438-5)[12.5x], RXSV-09 (200-78438-5)[4x], RXSV-07 (200-78438-6)[1040x] and RXSV-07 (200-78438-6)[200x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 200-78438-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXSV-04
Lab Sample ID: 200-78438-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	140		2.5	1.1	ug/m3	1		TO-15	Total/NA
1,2-Dichlorotetrafluoroethane	29		1.4	0.53	ug/m3	1		TO-15	Total/NA
Vinyl chloride	8.9		0.20	0.074	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	3.8		0.44	0.088	ug/m3	1		TO-15	Total/NA
Chloroethane	3.9		1.3	0.42	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	0.73	J	1.1	0.43	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethene	1.2		0.20	0.14	ug/m3	1		TO-15	Total/NA
Carbon disulfide	41		1.6	0.56	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.5	J	1.7	0.66	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	13	J	15	4.9	ug/m3	1		TO-15	Total/NA
Methyl tert-butyl ether	63		0.72	0.24	ug/m3	1		TO-15	Total/NA
n-Hexane	140		1.8	0.56	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethane	100		0.81	0.073	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	9.1		1.5	0.41	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	1.8		0.20	0.13	ug/m3	1		TO-15	Total/NA
Chloroform	190		0.98	0.29	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	21		1.1	0.40	ug/m3	1		TO-15	Total/NA
Cyclohexane	100		0.69	0.18	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.26		0.22	0.15	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	130		0.93	0.33	ug/m3	1		TO-15	Total/NA
Benzene	95		0.64	0.16	ug/m3	1		TO-15	Total/NA
n-Heptane	74		0.82	0.35	ug/m3	1		TO-15	Total/NA
Trichloroethene	5.2		0.20	0.16	ug/m3	1		TO-15	Total/NA
Bromodichloromethane	15		1.3	0.39	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	3.9		2.0	0.78	ug/m3	1		TO-15	Total/NA
Toluene	120		0.75	0.20	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	14		1.4	0.24	ug/m3	1		TO-15	Total/NA
Ethylbenzene	62		0.87	0.22	ug/m3	1		TO-15	Total/NA
m,p-Xylene	260		2.2	0.061	ug/m3	1		TO-15	Total/NA
o-Xylene	170		0.87	0.30	ug/m3	1		TO-15	Total/NA
Styrene	4.7		0.85	0.24	ug/m3	1		TO-15	Total/NA
Cumene	49		0.98	0.35	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	140		0.98	0.30	ug/m3	1		TO-15	Total/NA
tert-Butylbenzene	2.9		1.1	0.38	ug/m3	1		TO-15	Total/NA
sec-Butylbenzene	14		1.1	0.40	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	14		1.1	0.43	ug/m3	1		TO-15	Total/NA
Benzyl chloride	1.2		1.0	0.38	ug/m3	1		TO-15	Total/NA
n-Butylbenzene	12		1.1	0.38	ug/m3	1		TO-15	Total/NA
Naphthalene	3.6		2.0	0.58	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane - DL	470	D	22	16	ug/m3	12.5		TO-15	Total/NA
n-Butane - DL	990	D	15	9.2	ug/m3	12.5		TO-15	Total/NA
Acetone - DL	210	D	150	56	ug/m3	12.5		TO-15	Total/NA
4-Ethyltoluene - DL	250	D	12	4.2	ug/m3	12.5		TO-15	Total/NA
1,3,5-Trimethylbenzene - DL	300	D	12	4.2	ug/m3	12.5		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	580	D	12	5.0	ug/m3	12.5		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	28		0.50	0.22	ppb v/v	1		TO-15	Total/NA
1,2-Dichlorotetrafluoroethane	4.1		0.20	0.076	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	3.5		0.078	0.029	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	1.7		0.20	0.040	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RXSV-04 (Continued)
Lab Sample ID: 200-78438-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroethane	1.5		0.50	0.16	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.13	J	0.20	0.077	ppb v/v	1		TO-15	Total/NA
1,1-Dichloroethene	0.29		0.050	0.035	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	13		0.50	0.18	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.42	J	0.50	0.19	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	4.1	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Methyl tert-butyl ether	17		0.20	0.066	ppb v/v	1		TO-15	Total/NA
n-Hexane	39		0.50	0.16	ppb v/v	1		TO-15	Total/NA
1,1-Dichloroethane	25		0.20	0.018	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.1		0.50	0.14	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.46		0.050	0.032	ppb v/v	1		TO-15	Total/NA
Chloroform	39		0.20	0.059	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	3.8		0.20	0.073	ppb v/v	1		TO-15	Total/NA
Cyclohexane	29		0.20	0.052	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.041		0.035	0.024	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	28		0.20	0.071	ppb v/v	1		TO-15	Total/NA
Benzene	30		0.20	0.051	ppb v/v	1		TO-15	Total/NA
n-Heptane	18		0.20	0.086	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.97		0.037	0.029	ppb v/v	1		TO-15	Total/NA
Bromodichloromethane	2.2		0.20	0.058	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.94		0.50	0.19	ppb v/v	1		TO-15	Total/NA
Toluene	33		0.20	0.054	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	2.1		0.20	0.036	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	14		0.20	0.051	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	59		0.50	0.014	ppb v/v	1		TO-15	Total/NA
o-Xylene	39		0.20	0.069	ppb v/v	1		TO-15	Total/NA
Styrene	1.1		0.20	0.056	ppb v/v	1		TO-15	Total/NA
Cumene	9.9		0.20	0.072	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	29		0.20	0.062	ppb v/v	1		TO-15	Total/NA
tert-Butylbenzene	0.53		0.20	0.070	ppb v/v	1		TO-15	Total/NA
sec-Butylbenzene	2.5		0.20	0.072	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	2.6		0.20	0.078	ppb v/v	1		TO-15	Total/NA
Benzyl chloride	0.24		0.20	0.074	ppb v/v	1		TO-15	Total/NA
n-Butylbenzene	2.1		0.20	0.070	ppb v/v	1		TO-15	Total/NA
Naphthalene	0.69		0.38	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane - DL	130	D	6.3	4.5	ppb v/v	12.5		TO-15	Total/NA
n-Butane - DL	410	D	6.3	3.9	ppb v/v	12.5		TO-15	Total/NA
Acetone - DL	86	D	63	24	ppb v/v	12.5		TO-15	Total/NA
4-Ethyltoluene - DL	51	D	2.5	0.85	ppb v/v	12.5		TO-15	Total/NA
1,3,5-Trimethylbenzene - DL	60	D	2.5	0.85	ppb v/v	12.5		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	120	D	2.5	1.0	ppb v/v	12.5		TO-15	Total/NA

Client Sample ID: DUP-SV-06202025
Lab Sample ID: 200-78438-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	160		2.5	1.1	ug/m3	1		TO-15	Total/NA
1,2-Dichlorotetrafluoroethane	32		1.4	0.53	ug/m3	1		TO-15	Total/NA
Vinyl chloride	10		0.20	0.074	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	4.3		0.44	0.088	ug/m3	1		TO-15	Total/NA
Chloroethane	3.7		1.3	0.42	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	0.74	J	1.1	0.43	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-SV-06202025 (Continued)
Lab Sample ID: 200-78438-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	1.3		0.20	0.14	ug/m3	1		TO-15	Total/NA
Carbon disulfide	33		1.6	0.56	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.6	J	1.7	0.66	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	12	J	15	4.9	ug/m3	1		TO-15	Total/NA
Methyl tert-butyl ether	68		0.72	0.24	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethane	110		0.81	0.073	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	9.8		1.5	0.41	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	1.9		0.20	0.13	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	21		1.1	0.40	ug/m3	1		TO-15	Total/NA
Cyclohexane	100		0.69	0.18	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.25		0.22	0.15	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	140		0.93	0.33	ug/m3	1		TO-15	Total/NA
Benzene	98		0.64	0.16	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethane	0.47	J	0.81	0.30	ug/m3	1		TO-15	Total/NA
n-Heptane	81		0.82	0.35	ug/m3	1		TO-15	Total/NA
Trichloroethene	5.3		0.20	0.16	ug/m3	1		TO-15	Total/NA
Bromodichloromethane	15		1.3	0.39	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	3.9		2.0	0.78	ug/m3	1		TO-15	Total/NA
Toluene	130		0.75	0.20	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	15		1.4	0.24	ug/m3	1		TO-15	Total/NA
Ethylbenzene	68		0.87	0.22	ug/m3	1		TO-15	Total/NA
m,p-Xylene	280		2.2	0.061	ug/m3	1		TO-15	Total/NA
Styrene	4.9		0.85	0.24	ug/m3	1		TO-15	Total/NA
Cumene	55		0.98	0.35	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	170		0.98	0.30	ug/m3	1		TO-15	Total/NA
tert-Butylbenzene	3.4		1.1	0.38	ug/m3	1		TO-15	Total/NA
sec-Butylbenzene	17		1.1	0.40	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	19		1.1	0.43	ug/m3	1		TO-15	Total/NA
Benzyl chloride	1.7		1.0	0.38	ug/m3	1		TO-15	Total/NA
n-Butylbenzene	18		1.1	0.38	ug/m3	1		TO-15	Total/NA
Naphthalene	8.5		2.0	0.58	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane - DL	600	D	35	25	ug/m3	20		TO-15	Total/NA
n-Butane - DL	1300	D	24	15	ug/m3	20		TO-15	Total/NA
Acetone - DL	280	D	240	90	ug/m3	20		TO-15	Total/NA
n-Hexane - DL	150	D	35	11	ug/m3	20		TO-15	Total/NA
Chloroform - DL	210	D	20	5.8	ug/m3	20		TO-15	Total/NA
o-Xylene - DL	190	D	17	6.0	ug/m3	20		TO-15	Total/NA
4-Ethyltoluene - DL	330	D	20	6.7	ug/m3	20		TO-15	Total/NA
1,3,5-Trimethylbenzene - DL	400	D	20	6.7	ug/m3	20		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	800	D	20	8.1	ug/m3	20		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	32		0.50	0.22	ppb v/v	1		TO-15	Total/NA
1,2-Dichlorotetrafluoroethane	4.6		0.20	0.076	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	4.1		0.078	0.029	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	1.9		0.20	0.040	ppb v/v	1		TO-15	Total/NA
Chloroethane	1.4		0.50	0.16	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.13	J	0.20	0.077	ppb v/v	1		TO-15	Total/NA
1,1-Dichloroethene	0.32		0.050	0.035	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	10		0.50	0.18	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.45	J	0.50	0.19	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-SV-06202025 (Continued)
Lab Sample ID: 200-78438-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
tert-Butyl alcohol	4.1	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Methyl tert-butyl ether	19		0.20	0.066	ppb v/v	1		TO-15	Total/NA
1,1-Dichloroethane	27		0.20	0.018	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.3		0.50	0.14	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.48		0.050	0.032	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	3.9		0.20	0.073	ppb v/v	1		TO-15	Total/NA
Cyclohexane	30		0.20	0.052	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.039		0.035	0.024	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	30		0.20	0.071	ppb v/v	1		TO-15	Total/NA
Benzene	31		0.20	0.051	ppb v/v	1		TO-15	Total/NA
1,2-Dichloroethane	0.12	J	0.20	0.074	ppb v/v	1		TO-15	Total/NA
n-Heptane	20		0.20	0.086	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.99		0.037	0.029	ppb v/v	1		TO-15	Total/NA
Bromodichloromethane	2.3		0.20	0.058	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.94		0.50	0.19	ppb v/v	1		TO-15	Total/NA
Toluene	35		0.20	0.054	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	2.2		0.20	0.036	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	16		0.20	0.051	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	65		0.50	0.014	ppb v/v	1		TO-15	Total/NA
Styrene	1.2		0.20	0.056	ppb v/v	1		TO-15	Total/NA
Cumene	11		0.20	0.072	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	35		0.20	0.062	ppb v/v	1		TO-15	Total/NA
tert-Butylbenzene	0.63		0.20	0.070	ppb v/v	1		TO-15	Total/NA
sec-Butylbenzene	3.1		0.20	0.072	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	3.4		0.20	0.078	ppb v/v	1		TO-15	Total/NA
Benzyl chloride	0.32		0.20	0.074	ppb v/v	1		TO-15	Total/NA
n-Butylbenzene	3.2		0.20	0.070	ppb v/v	1		TO-15	Total/NA
Naphthalene	1.6		0.38	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane - DL	170	D	10	7.2	ppb v/v	20		TO-15	Total/NA
n-Butane - DL	560	D	10	6.2	ppb v/v	20		TO-15	Total/NA
Acetone - DL	120	D	100	38	ppb v/v	20		TO-15	Total/NA
n-Hexane - DL	43	D	10	3.2	ppb v/v	20		TO-15	Total/NA
Chloroform - DL	44	D	4.0	1.2	ppb v/v	20		TO-15	Total/NA
o-Xylene - DL	44	D	4.0	1.4	ppb v/v	20		TO-15	Total/NA
4-Ethyltoluene - DL	67	D	4.0	1.4	ppb v/v	20		TO-15	Total/NA
1,3,5-Trimethylbenzene - DL	81	D	4.0	1.4	ppb v/v	20		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	160	D	4.0	1.6	ppb v/v	20		TO-15	Total/NA

Client Sample ID: RXSV-05
Lab Sample ID: 200-78438-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	25		9.9	4.4	ug/m3	4		TO-15	Total/NA
Chlorodifluoromethane	10		7.1	5.1	ug/m3	4		TO-15	Total/NA
1,2-Dichlorotetrafluoroethane	5.5	J	5.6	2.1	ug/m3	4		TO-15	Total/NA
n-Butane	200		4.8	2.9	ug/m3	4		TO-15	Total/NA
1,3-Butadiene	0.41	J	1.8	0.35	ug/m3	4		TO-15	Total/NA
Chloroethane	2.1	J	5.3	1.7	ug/m3	4		TO-15	Total/NA
Trichlorofluoromethane	23		4.5	1.7	ug/m3	4		TO-15	Total/NA
Acetone	54		48	18	ug/m3	4		TO-15	Total/NA
Carbon disulfide	8.0		6.2	2.2	ug/m3	4		TO-15	Total/NA
Methyl tert-butyl ether	2.6	J	2.9	0.95	ug/m3	4		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RXSV-05 (Continued)
Lab Sample ID: 200-78438-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
trans-1,2-Dichloroethene	0.57	J	3.2	0.32	ug/m3	4		TO-15	Total/NA
n-Hexane	13		7.0	2.3	ug/m3	4		TO-15	Total/NA
1,1-Dichloroethane	48		3.2	0.29	ug/m3	4		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.8	J	5.9	1.7	ug/m3	4		TO-15	Total/NA
cis-1,2-Dichloroethene	3.8		0.80	0.51	ug/m3	4		TO-15	Total/NA
Chloroform	4.2		3.9	1.2	ug/m3	4		TO-15	Total/NA
1,1,1-Trichloroethane	7.8		4.4	1.6	ug/m3	4		TO-15	Total/NA
Cyclohexane	24		2.8	0.72	ug/m3	4		TO-15	Total/NA
2,2,4-Trimethylpentane	40		3.7	1.3	ug/m3	4		TO-15	Total/NA
Benzene	25		2.6	0.65	ug/m3	4		TO-15	Total/NA
n-Heptane	22		3.3	1.4	ug/m3	4		TO-15	Total/NA
Trichloroethene	8.0		0.80	0.62	ug/m3	4		TO-15	Total/NA
Toluene	140		3.0	0.81	ug/m3	4		TO-15	Total/NA
Tetrachloroethene	37		5.4	0.98	ug/m3	4		TO-15	Total/NA
Ethylbenzene	130		3.5	0.89	ug/m3	4		TO-15	Total/NA
m,p-Xylene	610		8.7	0.24	ug/m3	4		TO-15	Total/NA
o-Xylene	320		3.5	1.2	ug/m3	4		TO-15	Total/NA
Cumene	96		3.9	1.4	ug/m3	4		TO-15	Total/NA
n-Propylbenzene	310		3.9	1.2	ug/m3	4		TO-15	Total/NA
4-Ethyltoluene	540		3.9	1.3	ug/m3	4		TO-15	Total/NA
1,3,5-Trimethylbenzene	580		3.9	1.3	ug/m3	4		TO-15	Total/NA
sec-Butylbenzene	26		4.4	1.6	ug/m3	4		TO-15	Total/NA
4-Isopropyltoluene	18		4.4	1.7	ug/m3	4		TO-15	Total/NA
n-Butylbenzene	24		4.4	1.5	ug/m3	4		TO-15	Total/NA
Naphthalene	4.5	J	8.0	2.3	ug/m3	4		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	960	D	12	5.0	ug/m3	12.5		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	5.1		2.0	0.88	ppb v/v	4		TO-15	Total/NA
Chlorodifluoromethane	2.8		2.0	1.4	ppb v/v	4		TO-15	Total/NA
1,2-Dichlorotetrafluoroethane	0.79	J	0.80	0.30	ppb v/v	4		TO-15	Total/NA
n-Butane	84		2.0	1.2	ppb v/v	4		TO-15	Total/NA
1,3-Butadiene	0.18	J	0.80	0.16	ppb v/v	4		TO-15	Total/NA
Chloroethane	0.80	J	2.0	0.64	ppb v/v	4		TO-15	Total/NA
Trichlorofluoromethane	4.1		0.80	0.31	ppb v/v	4		TO-15	Total/NA
Acetone	23		20	7.6	ppb v/v	4		TO-15	Total/NA
Carbon disulfide	2.6		2.0	0.72	ppb v/v	4		TO-15	Total/NA
Methyl tert-butyl ether	0.72	J	0.80	0.26	ppb v/v	4		TO-15	Total/NA
trans-1,2-Dichloroethene	0.14	J	0.80	0.080	ppb v/v	4		TO-15	Total/NA
n-Hexane	3.8		2.0	0.64	ppb v/v	4		TO-15	Total/NA
1,1-Dichloroethane	12		0.80	0.072	ppb v/v	4		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.60	J	2.0	0.56	ppb v/v	4		TO-15	Total/NA
cis-1,2-Dichloroethene	0.95		0.20	0.13	ppb v/v	4		TO-15	Total/NA
Chloroform	0.85		0.80	0.24	ppb v/v	4		TO-15	Total/NA
1,1,1-Trichloroethane	1.4		0.80	0.29	ppb v/v	4		TO-15	Total/NA
Cyclohexane	7.0		0.80	0.21	ppb v/v	4		TO-15	Total/NA
2,2,4-Trimethylpentane	8.6		0.80	0.28	ppb v/v	4		TO-15	Total/NA
Benzene	7.8		0.80	0.20	ppb v/v	4		TO-15	Total/NA
n-Heptane	5.4		0.80	0.34	ppb v/v	4		TO-15	Total/NA
Trichloroethene	1.5		0.15	0.12	ppb v/v	4		TO-15	Total/NA
Toluene	38		0.80	0.22	ppb v/v	4		TO-15	Total/NA
Tetrachloroethene	5.4		0.80	0.14	ppb v/v	4		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RXSV-05 (Continued)
Lab Sample ID: 200-78438-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	30		0.80	0.20	ppb v/v	4		TO-15	Total/NA
m,p-Xylene	140		2.0	0.056	ppb v/v	4		TO-15	Total/NA
o-Xylene	74		0.80	0.28	ppb v/v	4		TO-15	Total/NA
Cumene	19		0.80	0.29	ppb v/v	4		TO-15	Total/NA
n-Propylbenzene	62		0.80	0.25	ppb v/v	4		TO-15	Total/NA
4-Ethyltoluene	110		0.80	0.27	ppb v/v	4		TO-15	Total/NA
1,3,5-Trimethylbenzene	120		0.80	0.27	ppb v/v	4		TO-15	Total/NA
sec-Butylbenzene	4.8		0.80	0.29	ppb v/v	4		TO-15	Total/NA
4-Isopropyltoluene	3.2		0.80	0.31	ppb v/v	4		TO-15	Total/NA
n-Butylbenzene	4.4		0.80	0.28	ppb v/v	4		TO-15	Total/NA
Naphthalene	0.86	J	1.5	0.44	ppb v/v	4		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	200	D	2.5	1.0	ppb v/v	12.5		TO-15	Total/NA

Client Sample ID: RXSV-01
Lab Sample ID: 200-78438-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	14	J	25	11	ug/m3	10		TO-15	Total/NA
Chlorodifluoromethane	140		18	13	ug/m3	10		TO-15	Total/NA
Vinyl chloride	140		2.0	0.74	ug/m3	10		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	46		15	4.4	ug/m3	10		TO-15	Total/NA
1,1-Dichloroethene	10		2.0	1.4	ug/m3	10		TO-15	Total/NA
Carbon disulfide	12	J	16	5.6	ug/m3	10		TO-15	Total/NA
Methylene Chloride	19		17	6.6	ug/m3	10		TO-15	Total/NA
trans-1,2-Dichloroethene	18		7.9	0.79	ug/m3	10		TO-15	Total/NA
n-Hexane	230		18	5.6	ug/m3	10		TO-15	Total/NA
cis-1,2-Dichloroethene	170		2.0	1.3	ug/m3	10		TO-15	Total/NA
Chloroform	83		9.8	2.9	ug/m3	10		TO-15	Total/NA
1,1,1-Trichloroethane	470		11	4.0	ug/m3	10		TO-15	Total/NA
Cyclohexane	430		6.9	1.8	ug/m3	10		TO-15	Total/NA
2,2,4-Trimethylpentane	280		9.3	3.3	ug/m3	10		TO-15	Total/NA
Benzene	55		6.4	1.6	ug/m3	10		TO-15	Total/NA
n-Heptane	650		8.2	3.5	ug/m3	10		TO-15	Total/NA
Trichloroethene	83		2.0	1.6	ug/m3	10		TO-15	Total/NA
Toluene	350		7.5	2.0	ug/m3	10		TO-15	Total/NA
Tetrachloroethene	370		14	2.4	ug/m3	10		TO-15	Total/NA
Ethylbenzene	230		8.7	2.2	ug/m3	10		TO-15	Total/NA
m,p-Xylene	550		22	0.61	ug/m3	10		TO-15	Total/NA
o-Xylene	370		8.7	3.0	ug/m3	10		TO-15	Total/NA
Cumene	190		9.8	3.5	ug/m3	10		TO-15	Total/NA
n-Propylbenzene	390		9.8	3.0	ug/m3	10		TO-15	Total/NA
4-Ethyltoluene	650		9.8	3.3	ug/m3	10		TO-15	Total/NA
1,3,5-Trimethylbenzene	660		9.8	3.3	ug/m3	10		TO-15	Total/NA
tert-Butylbenzene	23		11	3.8	ug/m3	10		TO-15	Total/NA
1,2,4-Trimethylbenzene	1500		9.8	4.0	ug/m3	10		TO-15	Total/NA
sec-Butylbenzene	77		11	4.0	ug/m3	10		TO-15	Total/NA
4-Isopropyltoluene	38		11	4.3	ug/m3	10		TO-15	Total/NA
Benzyl chloride	4.2	J	10	3.8	ug/m3	10		TO-15	Total/NA
n-Butylbenzene	41		11	3.8	ug/m3	10		TO-15	Total/NA
Naphthalene	27		20	5.8	ug/m3	10		TO-15	Total/NA
n-Butane - DL	1900	D	120	74	ug/m3	101		TO-15	Total/NA
Chloroethane - DL	9900	D	130	43	ug/m3	101		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RXSV-01 (Continued)
Lab Sample ID: 200-78438-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane - DL	2000	D	82	7.4	ug/m3	101		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.8	J	5.0	2.2	ppb v/v	10		TO-15	Total/NA
Chlorodifluoromethane	40		5.0	3.6	ppb v/v	10		TO-15	Total/NA
Vinyl chloride	54		0.78	0.29	ppb v/v	10		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	6.0		2.0	0.57	ppb v/v	10		TO-15	Total/NA
1,1-Dichloroethene	2.6		0.50	0.35	ppb v/v	10		TO-15	Total/NA
Carbon disulfide	3.8	J	5.0	1.8	ppb v/v	10		TO-15	Total/NA
Methylene Chloride	5.5		5.0	1.9	ppb v/v	10		TO-15	Total/NA
trans-1,2-Dichloroethene	4.6		2.0	0.20	ppb v/v	10		TO-15	Total/NA
n-Hexane	64		5.0	1.6	ppb v/v	10		TO-15	Total/NA
cis-1,2-Dichloroethene	44		0.50	0.32	ppb v/v	10		TO-15	Total/NA
Chloroform	17		2.0	0.59	ppb v/v	10		TO-15	Total/NA
1,1,1-Trichloroethane	87		2.0	0.73	ppb v/v	10		TO-15	Total/NA
Cyclohexane	130		2.0	0.52	ppb v/v	10		TO-15	Total/NA
2,2,4-Trimethylpentane	60		2.0	0.71	ppb v/v	10		TO-15	Total/NA
Benzene	17		2.0	0.51	ppb v/v	10		TO-15	Total/NA
n-Heptane	160		2.0	0.86	ppb v/v	10		TO-15	Total/NA
Trichloroethene	15		0.37	0.29	ppb v/v	10		TO-15	Total/NA
Toluene	93		2.0	0.54	ppb v/v	10		TO-15	Total/NA
Tetrachloroethene	55		2.0	0.36	ppb v/v	10		TO-15	Total/NA
Ethylbenzene	53		2.0	0.51	ppb v/v	10		TO-15	Total/NA
m,p-Xylene	130		5.0	0.14	ppb v/v	10		TO-15	Total/NA
o-Xylene	86		2.0	0.69	ppb v/v	10		TO-15	Total/NA
Cumene	38		2.0	0.72	ppb v/v	10		TO-15	Total/NA
n-Propylbenzene	80		2.0	0.62	ppb v/v	10		TO-15	Total/NA
4-Ethyltoluene	130		2.0	0.68	ppb v/v	10		TO-15	Total/NA
1,3,5-Trimethylbenzene	130		2.0	0.68	ppb v/v	10		TO-15	Total/NA
tert-Butylbenzene	4.3		2.0	0.70	ppb v/v	10		TO-15	Total/NA
1,2,4-Trimethylbenzene	310		2.0	0.82	ppb v/v	10		TO-15	Total/NA
sec-Butylbenzene	14		2.0	0.72	ppb v/v	10		TO-15	Total/NA
4-Isopropyltoluene	6.9		2.0	0.78	ppb v/v	10		TO-15	Total/NA
Benzyl chloride	0.82	J	2.0	0.74	ppb v/v	10		TO-15	Total/NA
n-Butylbenzene	7.4		2.0	0.70	ppb v/v	10		TO-15	Total/NA
Naphthalene	5.2		3.8	1.1	ppb v/v	10		TO-15	Total/NA
n-Butane - DL	810	D	51	31	ppb v/v	101		TO-15	Total/NA
Chloroethane - DL	3800	D	51	16	ppb v/v	101		TO-15	Total/NA
1,1-Dichloroethane - DL	500	D	20	1.8	ppb v/v	101		TO-15	Total/NA

Client Sample ID: RXSV-09
Lab Sample ID: 200-78438-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	5.4	J	9.9	4.4	ug/m3	4		TO-15	Total/NA
Chlorodifluoromethane	8.4		7.1	5.1	ug/m3	4		TO-15	Total/NA
n-Butane	41		4.8	2.9	ug/m3	4		TO-15	Total/NA
1,3-Butadiene	2.2		1.8	0.35	ug/m3	4		TO-15	Total/NA
Trichlorofluoromethane	45		4.5	1.7	ug/m3	4		TO-15	Total/NA
Acetone	210		48	18	ug/m3	4		TO-15	Total/NA
Carbon disulfide	4.3	J	6.2	2.2	ug/m3	4		TO-15	Total/NA
tert-Butyl alcohol	100		61	19	ug/m3	4		TO-15	Total/NA
Methyl tert-butyl ether	2.0	J	2.9	0.95	ug/m3	4		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RXSV-09 (Continued)
Lab Sample ID: 200-78438-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Hexane	18		7.0	2.3	ug/m3	4		TO-15	Total/NA
1,1-Dichloroethane	0.51	J	3.2	0.29	ug/m3	4		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	7.1		5.9	1.7	ug/m3	4		TO-15	Total/NA
Chloroform	120		3.9	1.2	ug/m3	4		TO-15	Total/NA
1,1,1-Trichloroethane	1.6	J	4.4	1.6	ug/m3	4		TO-15	Total/NA
Cyclohexane	22		2.8	0.72	ug/m3	4		TO-15	Total/NA
2,2,4-Trimethylpentane	27		3.7	1.3	ug/m3	4		TO-15	Total/NA
Benzene	15		2.6	0.65	ug/m3	4		TO-15	Total/NA
n-Heptane	29		3.3	1.4	ug/m3	4		TO-15	Total/NA
Trichloroethene	2.5		0.80	0.62	ug/m3	4		TO-15	Total/NA
Bromodichloromethane	3.9	J	5.4	1.6	ug/m3	4		TO-15	Total/NA
Toluene	150		3.0	0.81	ug/m3	4		TO-15	Total/NA
Tetrachloroethene	29		5.4	0.98	ug/m3	4		TO-15	Total/NA
Ethylbenzene	85		3.5	0.89	ug/m3	4		TO-15	Total/NA
m,p-Xylene	450		8.7	0.24	ug/m3	4		TO-15	Total/NA
o-Xylene	300		3.5	1.2	ug/m3	4		TO-15	Total/NA
Cumene	80		3.9	1.4	ug/m3	4		TO-15	Total/NA
n-Propylbenzene	360		3.9	1.2	ug/m3	4		TO-15	Total/NA
4-Ethyltoluene	680		3.9	1.3	ug/m3	4		TO-15	Total/NA
1,3,5-Trimethylbenzene	700		3.9	1.3	ug/m3	4		TO-15	Total/NA
sec-Butylbenzene	21		4.4	1.6	ug/m3	4		TO-15	Total/NA
4-Isopropyltoluene	18		4.4	1.7	ug/m3	4		TO-15	Total/NA
n-Butylbenzene	37		4.4	1.5	ug/m3	4		TO-15	Total/NA
Naphthalene	22		8.0	2.3	ug/m3	4		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	1500	D	12	5.0	ug/m3	12.5		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.1	J	2.0	0.88	ppb v/v	4		TO-15	Total/NA
Chlorodifluoromethane	2.4		2.0	1.4	ppb v/v	4		TO-15	Total/NA
n-Butane	17		2.0	1.2	ppb v/v	4		TO-15	Total/NA
1,3-Butadiene	1.0		0.80	0.16	ppb v/v	4		TO-15	Total/NA
Trichlorofluoromethane	7.9		0.80	0.31	ppb v/v	4		TO-15	Total/NA
Acetone	90		20	7.6	ppb v/v	4		TO-15	Total/NA
Carbon disulfide	1.4	J	2.0	0.72	ppb v/v	4		TO-15	Total/NA
tert-Butyl alcohol	34		20	6.4	ppb v/v	4		TO-15	Total/NA
Methyl tert-butyl ether	0.55	J	0.80	0.26	ppb v/v	4		TO-15	Total/NA
n-Hexane	5.1		2.0	0.64	ppb v/v	4		TO-15	Total/NA
1,1-Dichloroethane	0.13	J	0.80	0.072	ppb v/v	4		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.4		2.0	0.56	ppb v/v	4		TO-15	Total/NA
Chloroform	24		0.80	0.24	ppb v/v	4		TO-15	Total/NA
1,1,1-Trichloroethane	0.29	J	0.80	0.29	ppb v/v	4		TO-15	Total/NA
Cyclohexane	6.3		0.80	0.21	ppb v/v	4		TO-15	Total/NA
2,2,4-Trimethylpentane	5.9		0.80	0.28	ppb v/v	4		TO-15	Total/NA
Benzene	4.7		0.80	0.20	ppb v/v	4		TO-15	Total/NA
n-Heptane	7.1		0.80	0.34	ppb v/v	4		TO-15	Total/NA
Trichloroethene	0.47		0.15	0.12	ppb v/v	4		TO-15	Total/NA
Bromodichloromethane	0.58	J	0.80	0.23	ppb v/v	4		TO-15	Total/NA
Toluene	39		0.80	0.22	ppb v/v	4		TO-15	Total/NA
Tetrachloroethene	4.3		0.80	0.14	ppb v/v	4		TO-15	Total/NA
Ethylbenzene	19		0.80	0.20	ppb v/v	4		TO-15	Total/NA
m,p-Xylene	100		2.0	0.056	ppb v/v	4		TO-15	Total/NA
o-Xylene	69		0.80	0.28	ppb v/v	4		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RXSV-09 (Continued)
Lab Sample ID: 200-78438-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cumene	16		0.80	0.29	ppb v/v	4		TO-15	Total/NA
n-Propylbenzene	73		0.80	0.25	ppb v/v	4		TO-15	Total/NA
4-Ethyltoluene	140		0.80	0.27	ppb v/v	4		TO-15	Total/NA
1,3,5-Trimethylbenzene	140		0.80	0.27	ppb v/v	4		TO-15	Total/NA
sec-Butylbenzene	3.8		0.80	0.29	ppb v/v	4		TO-15	Total/NA
4-Isopropyltoluene	3.3		0.80	0.31	ppb v/v	4		TO-15	Total/NA
n-Butylbenzene	6.7		0.80	0.28	ppb v/v	4		TO-15	Total/NA
Naphthalene	4.3		1.5	0.44	ppb v/v	4		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	310	D	2.5	1.0	ppb v/v	12.5		TO-15	Total/NA

Client Sample ID: RXSV-07
Lab Sample ID: 200-78438-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	660		490	220	ug/m3	200		TO-15	Total/NA
Chlorodifluoromethane	4700		350	250	ug/m3	200		TO-15	Total/NA
n-Butane	19000		240	150	ug/m3	200		TO-15	Total/NA
Chloroethane	260		260	84	ug/m3	200		TO-15	Total/NA
Methyl tert-butyl ether	720		140	48	ug/m3	200		TO-15	Total/NA
trans-1,2-Dichloroethene	150	J	160	16	ug/m3	200		TO-15	Total/NA
n-Hexane	61000	E	350	110	ug/m3	200		TO-15	Total/NA
Cyclohexane	52000	E	140	36	ug/m3	200		TO-15	Total/NA
2,2,4-Trimethylpentane	57000	E	190	66	ug/m3	200		TO-15	Total/NA
Benzene	5000		130	33	ug/m3	200		TO-15	Total/NA
n-Heptane	19000		160	70	ug/m3	200		TO-15	Total/NA
Toluene	460		150	41	ug/m3	200		TO-15	Total/NA
Tetrachloroethene	95	J	270	49	ug/m3	200		TO-15	Total/NA
m,p-Xylene	990		430	12	ug/m3	200		TO-15	Total/NA
o-Xylene	470		170	60	ug/m3	200		TO-15	Total/NA
Cumene	1700		200	71	ug/m3	200		TO-15	Total/NA
n-Propylbenzene	1400		200	61	ug/m3	200		TO-15	Total/NA
4-Ethyltoluene	760		200	67	ug/m3	200		TO-15	Total/NA
1,3,5-Trimethylbenzene	870		200	67	ug/m3	200		TO-15	Total/NA
tert-Butylbenzene	110	J	220	77	ug/m3	200		TO-15	Total/NA
1,2,4-Trimethylbenzene	1900		200	81	ug/m3	200		TO-15	Total/NA
sec-Butylbenzene	660		220	79	ug/m3	200		TO-15	Total/NA
Chlorodifluoromethane - DL	4100	D	1800	1300	ug/m3	1040		TO-15	Total/NA
n-Butane - DL	24000	D	1200	770	ug/m3	1040		TO-15	Total/NA
n-Hexane - DL	49000	D	1800	590	ug/m3	1040		TO-15	Total/NA
Cyclohexane - DL	43000	D	720	190	ug/m3	1040		TO-15	Total/NA
2,2,4-Trimethylpentane - DL	48000	D	970	340	ug/m3	1040		TO-15	Total/NA
Benzene - DL	4100	D	660	170	ug/m3	1040		TO-15	Total/NA
n-Heptane - DL	16000	D	850	370	ug/m3	1040		TO-15	Total/NA
Toluene - DL	360	J D	780	210	ug/m3	1040		TO-15	Total/NA
m,p-Xylene - DL	740	J D	2300	63	ug/m3	1040		TO-15	Total/NA
Cumene - DL	1300	D	1000	370	ug/m3	1040		TO-15	Total/NA
n-Propylbenzene - DL	960	J D	1000	320	ug/m3	1040		TO-15	Total/NA
4-Ethyltoluene - DL	500	J D	1000	350	ug/m3	1040		TO-15	Total/NA
1,3,5-Trimethylbenzene - DL	600	J D	1000	350	ug/m3	1040		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	1200	D	1000	420	ug/m3	1040		TO-15	Total/NA
sec-Butylbenzene - DL	440	J D	1100	410	ug/m3	1040		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RXSV-07 (Continued)
Lab Sample ID: 200-78438-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	130		100	44	ppb v/v	200		TO-15	Total/NA
Chlorodifluoromethane	1300		100	72	ppb v/v	200		TO-15	Total/NA
n-Butane	8000		100	62	ppb v/v	200		TO-15	Total/NA
Chloroethane	97		100	32	ppb v/v	200		TO-15	Total/NA
Methyl tert-butyl ether	200		40	13	ppb v/v	200		TO-15	Total/NA
trans-1,2-Dichloroethene	38	J	40	4.0	ppb v/v	200		TO-15	Total/NA
n-Hexane	17000	E	100	32	ppb v/v	200		TO-15	Total/NA
Cyclohexane	15000	E	40	10	ppb v/v	200		TO-15	Total/NA
2,2,4-Trimethylpentane	12000	E	40	14	ppb v/v	200		TO-15	Total/NA
Benzene	1600		40	10	ppb v/v	200		TO-15	Total/NA
n-Heptane	4700		40	17	ppb v/v	200		TO-15	Total/NA
Toluene	120		40	11	ppb v/v	200		TO-15	Total/NA
Tetrachloroethene	14	J	40	7.2	ppb v/v	200		TO-15	Total/NA
m,p-Xylene	230		100	2.8	ppb v/v	200		TO-15	Total/NA
o-Xylene	110		40	14	ppb v/v	200		TO-15	Total/NA
Cumene	360		40	14	ppb v/v	200		TO-15	Total/NA
n-Propylbenzene	280		40	12	ppb v/v	200		TO-15	Total/NA
4-Ethyltoluene	150		40	14	ppb v/v	200		TO-15	Total/NA
1,3,5-Trimethylbenzene	180		40	14	ppb v/v	200		TO-15	Total/NA
tert-Butylbenzene	21	J	40	14	ppb v/v	200		TO-15	Total/NA
1,2,4-Trimethylbenzene	380		40	16	ppb v/v	200		TO-15	Total/NA
sec-Butylbenzene	120		40	14	ppb v/v	200		TO-15	Total/NA
Chlorodifluoromethane - DL	1200	D	520	370	ppb v/v	1040		TO-15	Total/NA
n-Butane - DL	10000	D	520	320	ppb v/v	1040		TO-15	Total/NA
n-Hexane - DL	14000	D	520	170	ppb v/v	1040		TO-15	Total/NA
Cyclohexane - DL	13000	D	210	54	ppb v/v	1040		TO-15	Total/NA
2,2,4-Trimethylpentane - DL	10000	D	210	74	ppb v/v	1040		TO-15	Total/NA
Benzene - DL	1300	D	210	53	ppb v/v	1040		TO-15	Total/NA
n-Heptane - DL	3800	D	210	89	ppb v/v	1040		TO-15	Total/NA
Toluene - DL	97	J D	210	56	ppb v/v	1040		TO-15	Total/NA
m,p-Xylene - DL	170	J D	520	15	ppb v/v	1040		TO-15	Total/NA
Cumene - DL	260	D	210	75	ppb v/v	1040		TO-15	Total/NA
n-Propylbenzene - DL	200	J D	210	64	ppb v/v	1040		TO-15	Total/NA
4-Ethyltoluene - DL	100	J D	210	71	ppb v/v	1040		TO-15	Total/NA
1,3,5-Trimethylbenzene - DL	120	J D	210	71	ppb v/v	1040		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	240	D	210	85	ppb v/v	1040		TO-15	Total/NA
sec-Butylbenzene - DL	80	J D	210	75	ppb v/v	1040		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RXSV-04
Lab Sample ID: 200-78438-1

Date Collected: 06/20/25 12:45
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**140**		2.5	1.1	ug/m3			06/24/25 16:28	1
1,2-Dichlorotetrafluoroethane	**29**		1.4	0.53	ug/m3			06/24/25 16:28	1
Chloromethane	1.0	U	1.0	0.68	ug/m3			06/24/25 16:28	1
Vinyl chloride	**8.9**		0.20	0.074	ug/m3			06/24/25 16:28	1
1,3-Butadiene	**3.8**		0.44	0.088	ug/m3			06/24/25 16:28	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			06/24/25 16:28	1
Chloroethane	**3.9**		1.3	0.42	ug/m3			06/24/25 16:28	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.21	ug/m3			06/24/25 16:28	1
Trichlorofluoromethane	**0.73**	**J**	1.1	0.43	ug/m3			06/24/25 16:28	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.44	ug/m3			06/24/25 16:28	1
1,1-Dichloroethene	**1.2**		0.20	0.14	ug/m3			06/24/25 16:28	1
Isopropyl alcohol	12	U	12	5.4	ug/m3			06/24/25 16:28	1
Carbon disulfide	**41**		1.6	0.56	ug/m3			06/24/25 16:28	1
3-Chloropropene	1.6	U	1.6	0.25	ug/m3			06/24/25 16:28	1
Methylene Chloride	**1.5**	**J**	1.7	0.66	ug/m3			06/24/25 16:28	1
tert-Butyl alcohol	**13**	**J**	15	4.9	ug/m3			06/24/25 16:28	1
Methyl tert-butyl ether	**63**		0.72	0.24	ug/m3			06/24/25 16:28	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.079	ug/m3			06/24/25 16:28	1
n-Hexane	**140**		1.8	0.56	ug/m3			06/24/25 16:28	1
1,1-Dichloroethane	**100**		0.81	0.073	ug/m3			06/24/25 16:28	1
Methyl Ethyl Ketone (2-Butanone)	**9.1**		1.5	0.41	ug/m3			06/24/25 16:28	1
cis-1,2-Dichloroethene	**1.8**		0.20	0.13	ug/m3			06/24/25 16:28	1
Chloroform	**190**		0.98	0.29	ug/m3			06/24/25 16:28	1
Tetrahydrofuran	15	U	15	5.0	ug/m3			06/24/25 16:28	1
1,1,1-Trichloroethane	**21**		1.1	0.40	ug/m3			06/24/25 16:28	1
Cyclohexane	**100**		0.69	0.18	ug/m3			06/24/25 16:28	1
Carbon tetrachloride	**0.26**		0.22	0.15	ug/m3			06/24/25 16:28	1
2,2,4-Trimethylpentane	**130**		0.93	0.33	ug/m3			06/24/25 16:28	1
Benzene	**95**		0.64	0.16	ug/m3			06/24/25 16:28	1
1,2-Dichloroethane	0.81	U	0.81	0.30	ug/m3			06/24/25 16:28	1
n-Heptane	**74**		0.82	0.35	ug/m3			06/24/25 16:28	1
Trichloroethene	**5.2**		0.20	0.16	ug/m3			06/24/25 16:28	1
Methyl methacrylate	2.0	U	2.0	0.53	ug/m3			06/24/25 16:28	1
1,2-Dichloropropane	0.92	U	0.92	0.25	ug/m3			06/24/25 16:28	1
1,4-Dioxane	18	U	18	0.68	ug/m3			06/24/25 16:28	1
Bromodichloromethane	**15**		1.3	0.39	ug/m3			06/24/25 16:28	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			06/24/25 16:28	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**3.9**		2.0	0.78	ug/m3			06/24/25 16:28	1
Toluene	**120**		0.75	0.20	ug/m3			06/24/25 16:28	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.28	ug/m3			06/24/25 16:28	1
1,1,2-Trichloroethane	1.1	U	1.1	0.29	ug/m3			06/24/25 16:28	1
Tetrachloroethene	**14**		1.4	0.24	ug/m3			06/24/25 16:28	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			06/24/25 16:28	1
Dibromochloromethane	1.7	U	1.7	0.45	ug/m3			06/24/25 16:28	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			06/24/25 16:28	1
Chlorobenzene	0.92	U	0.92	0.22	ug/m3			06/24/25 16:28	1
Ethylbenzene	**62**		0.87	0.22	ug/m3			06/24/25 16:28	1
m,p-Xylene	**260**		2.2	0.061	ug/m3			06/24/25 16:28	1

Client Sample ID: RXSV-04
Lab Sample ID: 200-78438-1

Date Collected: 06/20/25 12:45
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	**170**		0.87	0.30	ug/m3			06/24/25 16:28	1
Styrene	**4.7**		0.85	0.24	ug/m3			06/24/25 16:28	1
Bromoform	2.1	U	2.1	0.60	ug/m3			06/24/25 16:28	1
Cumene	**49**		0.98	0.35	ug/m3			06/24/25 16:28	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.42	ug/m3			06/24/25 16:28	1
n-Propylbenzene	**140**		0.98	0.30	ug/m3			06/24/25 16:28	1
2-Chlorotoluene	1.0	U	1.0	0.30	ug/m3			06/24/25 16:28	1
tert-Butylbenzene	**2.9**		1.1	0.38	ug/m3			06/24/25 16:28	1
sec-Butylbenzene	**14**		1.1	0.40	ug/m3			06/24/25 16:28	1
4-Isopropyltoluene	**14**		1.1	0.43	ug/m3			06/24/25 16:28	1
1,3-Dichlorobenzene	1.2	U	1.2	0.38	ug/m3			06/24/25 16:28	1
1,4-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			06/24/25 16:28	1
Benzyl chloride	**1.2**		1.0	0.38	ug/m3			06/24/25 16:28	1
n-Butylbenzene	**12**		1.1	0.38	ug/m3			06/24/25 16:28	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			06/24/25 16:28	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.2	ug/m3			06/24/25 16:28	1
Hexachlorobutadiene	2.1	U	2.1	0.83	ug/m3			06/24/25 16:28	1
Naphthalene	**3.6**		2.0	0.58	ug/m3			06/24/25 16:28	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**28**		0.50	0.22	ppb v/v			06/24/25 16:28	1
1,2-Dichlorotetrafluoroethane	**4.1**		0.20	0.076	ppb v/v			06/24/25 16:28	1
Chloromethane	0.50	U	0.50	0.33	ppb v/v			06/24/25 16:28	1
Vinyl chloride	**3.5**		0.078	0.029	ppb v/v			06/24/25 16:28	1
1,3-Butadiene	**1.7**		0.20	0.040	ppb v/v			06/24/25 16:28	1
Bromomethane	0.20	U	0.20	0.062	ppb v/v			06/24/25 16:28	1
Chloroethane	**1.5**		0.50	0.16	ppb v/v			06/24/25 16:28	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.048	ppb v/v			06/24/25 16:28	1
Trichlorofluoromethane	**0.13**	**J**	0.20	0.077	ppb v/v			06/24/25 16:28	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.057	ppb v/v			06/24/25 16:28	1
1,1-Dichloroethene	**0.29**		0.050	0.035	ppb v/v			06/24/25 16:28	1
Isopropyl alcohol	5.0	U	5.0	2.2	ppb v/v			06/24/25 16:28	1
Carbon disulfide	**13**		0.50	0.18	ppb v/v			06/24/25 16:28	1
3-Chloropropene	0.50	U	0.50	0.081	ppb v/v			06/24/25 16:28	1
Methylene Chloride	**0.42**	**J**	0.50	0.19	ppb v/v			06/24/25 16:28	1
tert-Butyl alcohol	**4.1**	**J**	5.0	1.6	ppb v/v			06/24/25 16:28	1
Methyl tert-butyl ether	**17**		0.20	0.066	ppb v/v			06/24/25 16:28	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.020	ppb v/v			06/24/25 16:28	1
n-Hexane	**39**		0.50	0.16	ppb v/v			06/24/25 16:28	1
1,1-Dichloroethane	**25**		0.20	0.018	ppb v/v			06/24/25 16:28	1
Methyl Ethyl Ketone (2-Butanone)	**3.1**		0.50	0.14	ppb v/v			06/24/25 16:28	1
cis-1,2-Dichloroethene	**0.46**		0.050	0.032	ppb v/v			06/24/25 16:28	1
Chloroform	**39**		0.20	0.059	ppb v/v			06/24/25 16:28	1
Tetrahydrofuran	5.0	U	5.0	1.7	ppb v/v			06/24/25 16:28	1
1,1,1-Trichloroethane	**3.8**		0.20	0.073	ppb v/v			06/24/25 16:28	1
Cyclohexane	**29**		0.20	0.052	ppb v/v			06/24/25 16:28	1
Carbon tetrachloride	**0.041**		0.035	0.024	ppb v/v			06/24/25 16:28	1
2,2,4-Trimethylpentane	**28**		0.20	0.071	ppb v/v			06/24/25 16:28	1
Benzene	**30**		0.20	0.051	ppb v/v			06/24/25 16:28	1

Client Sample ID: RXSV-04
Lab Sample ID: 200-78438-1

Date Collected: 06/20/25 12:45
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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	0.20	U	0.20	0.074	ppb v/v			06/24/25 16:28	1
n-Heptane	**18**		0.20	0.086	ppb v/v			06/24/25 16:28	1
Trichloroethene	**0.97**		0.037	0.029	ppb v/v			06/24/25 16:28	1
Methyl methacrylate	0.50	U	0.50	0.13	ppb v/v			06/24/25 16:28	1
1,2-Dichloropropane	0.20	U	0.20	0.055	ppb v/v			06/24/25 16:28	1
1,4-Dioxane	5.0	U	5.0	0.19	ppb v/v			06/24/25 16:28	1
Bromodichloromethane	**2.2**		0.20	0.058	ppb v/v			06/24/25 16:28	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.056	ppb v/v			06/24/25 16:28	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.94**		0.50	0.19	ppb v/v			06/24/25 16:28	1
Toluene	**33**		0.20	0.054	ppb v/v			06/24/25 16:28	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.062	ppb v/v			06/24/25 16:28	1
1,1,2-Trichloroethane	0.20	U	0.20	0.053	ppb v/v			06/24/25 16:28	1
Tetrachloroethene	**2.1**		0.20	0.036	ppb v/v			06/24/25 16:28	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			06/24/25 16:28	1
Dibromochloromethane	0.20	U	0.20	0.053	ppb v/v			06/24/25 16:28	1
1,2-Dibromoethane	0.20	U	0.20	0.045	ppb v/v			06/24/25 16:28	1
Chlorobenzene	0.20	U	0.20	0.047	ppb v/v			06/24/25 16:28	1
Ethylbenzene	**14**		0.20	0.051	ppb v/v			06/24/25 16:28	1
m,p-Xylene	**59**		0.50	0.014	ppb v/v			06/24/25 16:28	1
o-Xylene	**39**		0.20	0.069	ppb v/v			06/24/25 16:28	1
Styrene	**1.1**		0.20	0.056	ppb v/v			06/24/25 16:28	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			06/24/25 16:28	1
Cumene	**9.9**		0.20	0.072	ppb v/v			06/24/25 16:28	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.061	ppb v/v			06/24/25 16:28	1
n-Propylbenzene	**29**		0.20	0.062	ppb v/v			06/24/25 16:28	1
2-Chlorotoluene	0.20	U	0.20	0.058	ppb v/v			06/24/25 16:28	1
tert-Butylbenzene	**0.53**		0.20	0.070	ppb v/v			06/24/25 16:28	1
sec-Butylbenzene	**2.5**		0.20	0.072	ppb v/v			06/24/25 16:28	1
4-Isopropyltoluene	**2.6**		0.20	0.078	ppb v/v			06/24/25 16:28	1
1,3-Dichlorobenzene	0.20	U	0.20	0.063	ppb v/v			06/24/25 16:28	1
1,4-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			06/24/25 16:28	1
Benzyl chloride	**0.24**		0.20	0.074	ppb v/v			06/24/25 16:28	1
n-Butylbenzene	**2.1**		0.20	0.070	ppb v/v			06/24/25 16:28	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			06/24/25 16:28	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.30	ppb v/v			06/24/25 16:28	1
Hexachlorobutadiene	0.20	U	0.20	0.078	ppb v/v			06/24/25 16:28	1
Naphthalene	**0.69**		0.38	0.11	ppb v/v			06/24/25 16:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodifluoromethane	**470**	**D**	22	16	ug/m3			06/24/25 17:23	12.5
n-Butane	**990**	**D**	15	9.2	ug/m3			06/24/25 17:23	12.5
Acetone	**210**	**D**	150	56	ug/m3			06/24/25 17:23	12.5
4-Ethyltoluene	**250**	**D**	12	4.2	ug/m3			06/24/25 17:23	12.5
1,3,5-Trimethylbenzene	**300**	**D**	12	4.2	ug/m3			06/24/25 17:23	12.5
1,2,4-Trimethylbenzene	**580**	**D**	12	5.0	ug/m3			06/24/25 17:23	12.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodifluoromethane	**130**	**D**	6.3	4.5	ppb v/v			06/24/25 17:23	12.5

Client Sample ID: RXSV-04
Lab Sample ID: 200-78438-1

Date Collected: 06/20/25 12:45
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	**410**	**D**	6.3	3.9	ppb v/v			06/24/25 17:23	12.5
Acetone	**86**	**D**	63	24	ppb v/v			06/24/25 17:23	12.5
4-Ethyltoluene	**51**	**D**	2.5	0.85	ppb v/v			06/24/25 17:23	12.5
1,3,5-Trimethylbenzene	**60**	**D**	2.5	0.85	ppb v/v			06/24/25 17:23	12.5
1,2,4-Trimethylbenzene	**120**	**D**	2.5	1.0	ppb v/v			06/24/25 17:23	12.5

Client Sample ID: DUP-SV-06202025
Lab Sample ID: 200-78438-2

Date Collected: 06/20/25 12:55
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**160**		2.5	1.1	ug/m3			06/24/25 18:16	1
1,2-Dichlorotetrafluoroethane	**32**		1.4	0.53	ug/m3			06/24/25 18:16	1
Chloromethane	1.0	U	1.0	0.68	ug/m3			06/24/25 18:16	1
Vinyl chloride	**10**		0.20	0.074	ug/m3			06/24/25 18:16	1
1,3-Butadiene	**4.3**		0.44	0.088	ug/m3			06/24/25 18:16	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			06/24/25 18:16	1
Chloroethane	**3.7**		1.3	0.42	ug/m3			06/24/25 18:16	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.21	ug/m3			06/24/25 18:16	1
Trichlorofluoromethane	**0.74**	**J**	1.1	0.43	ug/m3			06/24/25 18:16	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.44	ug/m3			06/24/25 18:16	1
1,1-Dichloroethene	**1.3**		0.20	0.14	ug/m3			06/24/25 18:16	1
Isopropyl alcohol	12	U	12	5.4	ug/m3			06/24/25 18:16	1
Carbon disulfide	**33**		1.6	0.56	ug/m3			06/24/25 18:16	1
3-Chloropropene	1.6	U	1.6	0.25	ug/m3			06/24/25 18:16	1
Methylene Chloride	**1.6**	**J**	1.7	0.66	ug/m3			06/24/25 18:16	1
tert-Butyl alcohol	**12**	**J**	15	4.9	ug/m3			06/24/25 18:16	1
Methyl tert-butyl ether	**68**		0.72	0.24	ug/m3			06/24/25 18:16	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.079	ug/m3			06/24/25 18:16	1
1,1-Dichloroethane	**110**		0.81	0.073	ug/m3			06/24/25 18:16	1
Methyl Ethyl Ketone (2-Butanone)	**9.8**		1.5	0.41	ug/m3			06/24/25 18:16	1
cis-1,2-Dichloroethene	**1.9**		0.20	0.13	ug/m3			06/24/25 18:16	1
Tetrahydrofuran	15	U	15	5.0	ug/m3			06/24/25 18:16	1
1,1,1-Trichloroethane	**21**		1.1	0.40	ug/m3			06/24/25 18:16	1
Cyclohexane	**100**		0.69	0.18	ug/m3			06/24/25 18:16	1
Carbon tetrachloride	**0.25**		0.22	0.15	ug/m3			06/24/25 18:16	1
2,2,4-Trimethylpentane	**140**		0.93	0.33	ug/m3			06/24/25 18:16	1
Benzene	**98**		0.64	0.16	ug/m3			06/24/25 18:16	1
1,2-Dichloroethane	**0.47**	**J**	0.81	0.30	ug/m3			06/24/25 18:16	1
n-Heptane	**81**		0.82	0.35	ug/m3			06/24/25 18:16	1
Trichloroethene	**5.3**		0.20	0.16	ug/m3			06/24/25 18:16	1
Methyl methacrylate	2.0	U	2.0	0.53	ug/m3			06/24/25 18:16	1
1,2-Dichloropropane	0.92	U	0.92	0.25	ug/m3			06/24/25 18:16	1
1,4-Dioxane	18	U	18	0.68	ug/m3			06/24/25 18:16	1
Bromodichloromethane	**15**		1.3	0.39	ug/m3			06/24/25 18:16	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			06/24/25 18:16	1

Client Sample ID: DUP-SV-06202025
Lab Sample ID: 200-78438-2

Date Collected: 06/20/25 12:55
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**3.9**		2.0	0.78	ug/m3			06/24/25 18:16	1
Toluene	**130**		0.75	0.20	ug/m3			06/24/25 18:16	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.28	ug/m3			06/24/25 18:16	1
1,1,2-Trichloroethane	1.1	U	1.1	0.29	ug/m3			06/24/25 18:16	1
Tetrachloroethene	**15**		1.4	0.24	ug/m3			06/24/25 18:16	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			06/24/25 18:16	1
Dibromochloromethane	1.7	U	1.7	0.45	ug/m3			06/24/25 18:16	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			06/24/25 18:16	1
Chlorobenzene	0.92	U	0.92	0.22	ug/m3			06/24/25 18:16	1
Ethylbenzene	**68**		0.87	0.22	ug/m3			06/24/25 18:16	1
m,p-Xylene	**280**		2.2	0.061	ug/m3			06/24/25 18:16	1
Styrene	**4.9**		0.85	0.24	ug/m3			06/24/25 18:16	1
Bromoform	2.1	U	2.1	0.60	ug/m3			06/24/25 18:16	1
Cumene	**55**		0.98	0.35	ug/m3			06/24/25 18:16	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.42	ug/m3			06/24/25 18:16	1
n-Propylbenzene	**170**		0.98	0.30	ug/m3			06/24/25 18:16	1
2-Chlorotoluene	1.0	U	1.0	0.30	ug/m3			06/24/25 18:16	1
tert-Butylbenzene	**3.4**		1.1	0.38	ug/m3			06/24/25 18:16	1
sec-Butylbenzene	**17**		1.1	0.40	ug/m3			06/24/25 18:16	1
4-Isopropyltoluene	**19**		1.1	0.43	ug/m3			06/24/25 18:16	1
1,3-Dichlorobenzene	1.2	U	1.2	0.38	ug/m3			06/24/25 18:16	1
1,4-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			06/24/25 18:16	1
Benzyl chloride	**1.7**		1.0	0.38	ug/m3			06/24/25 18:16	1
n-Butylbenzene	**18**		1.1	0.38	ug/m3			06/24/25 18:16	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			06/24/25 18:16	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.2	ug/m3			06/24/25 18:16	1
Hexachlorobutadiene	2.1	U	2.1	0.83	ug/m3			06/24/25 18:16	1
Naphthalene	**8.5**		2.0	0.58	ug/m3			06/24/25 18:16	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**32**		0.50	0.22	ppb v/v			06/24/25 18:16	1
1,2-Dichlorotetrafluoroethane	**4.6**		0.20	0.076	ppb v/v			06/24/25 18:16	1
Chloromethane	0.50	U	0.50	0.33	ppb v/v			06/24/25 18:16	1
Vinyl chloride	**4.1**		0.078	0.029	ppb v/v			06/24/25 18:16	1
1,3-Butadiene	**1.9**		0.20	0.040	ppb v/v			06/24/25 18:16	1
Bromomethane	0.20	U	0.20	0.062	ppb v/v			06/24/25 18:16	1
Chloroethane	**1.4**		0.50	0.16	ppb v/v			06/24/25 18:16	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.048	ppb v/v			06/24/25 18:16	1
Trichlorofluoromethane	**0.13**	**J**	0.20	0.077	ppb v/v			06/24/25 18:16	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.057	ppb v/v			06/24/25 18:16	1
1,1-Dichloroethene	**0.32**		0.050	0.035	ppb v/v			06/24/25 18:16	1
Isopropyl alcohol	5.0	U	5.0	2.2	ppb v/v			06/24/25 18:16	1
Carbon disulfide	**10**		0.50	0.18	ppb v/v			06/24/25 18:16	1
3-Chloropropene	0.50	U	0.50	0.081	ppb v/v			06/24/25 18:16	1
Methylene Chloride	**0.45**	**J**	0.50	0.19	ppb v/v			06/24/25 18:16	1
tert-Butyl alcohol	**4.1**	**J**	5.0	1.6	ppb v/v			06/24/25 18:16	1
Methyl tert-butyl ether	**19**		0.20	0.066	ppb v/v			06/24/25 18:16	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.020	ppb v/v			06/24/25 18:16	1

Client Sample ID: DUP-SV-06202025
Lab Sample ID: 200-78438-2

Date Collected: 06/20/25 12:55
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**27**		0.20	0.018	ppb v/v			06/24/25 18:16	1
Methyl Ethyl Ketone (2-Butanone)	**3.3**		0.50	0.14	ppb v/v			06/24/25 18:16	1
cis-1,2-Dichloroethene	**0.48**		0.050	0.032	ppb v/v			06/24/25 18:16	1
Tetrahydrofuran	5.0	U	5.0	1.7	ppb v/v			06/24/25 18:16	1
1,1,1-Trichloroethane	**3.9**		0.20	0.073	ppb v/v			06/24/25 18:16	1
Cyclohexane	**30**		0.20	0.052	ppb v/v			06/24/25 18:16	1
Carbon tetrachloride	**0.039**		0.035	0.024	ppb v/v			06/24/25 18:16	1
2,2,4-Trimethylpentane	**30**		0.20	0.071	ppb v/v			06/24/25 18:16	1
Benzene	**31**		0.20	0.051	ppb v/v			06/24/25 18:16	1
1,2-Dichloroethane	**0.12**	**J**	0.20	0.074	ppb v/v			06/24/25 18:16	1
n-Heptane	**20**		0.20	0.086	ppb v/v			06/24/25 18:16	1
Trichloroethene	**0.99**		0.037	0.029	ppb v/v			06/24/25 18:16	1
Methyl methacrylate	0.50	U	0.50	0.13	ppb v/v			06/24/25 18:16	1
1,2-Dichloropropane	0.20	U	0.20	0.055	ppb v/v			06/24/25 18:16	1
1,4-Dioxane	5.0	U	5.0	0.19	ppb v/v			06/24/25 18:16	1
Bromodichloromethane	**2.3**		0.20	0.058	ppb v/v			06/24/25 18:16	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.056	ppb v/v			06/24/25 18:16	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.94**		0.50	0.19	ppb v/v			06/24/25 18:16	1
Toluene	**35**		0.20	0.054	ppb v/v			06/24/25 18:16	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.062	ppb v/v			06/24/25 18:16	1
1,1,2-Trichloroethane	0.20	U	0.20	0.053	ppb v/v			06/24/25 18:16	1
Tetrachloroethene	**2.2**		0.20	0.036	ppb v/v			06/24/25 18:16	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			06/24/25 18:16	1
Dibromochloromethane	0.20	U	0.20	0.053	ppb v/v			06/24/25 18:16	1
1,2-Dibromoethane	0.20	U	0.20	0.045	ppb v/v			06/24/25 18:16	1
Chlorobenzene	0.20	U	0.20	0.047	ppb v/v			06/24/25 18:16	1
Ethylbenzene	**16**		0.20	0.051	ppb v/v			06/24/25 18:16	1
m,p-Xylene	**65**		0.50	0.014	ppb v/v			06/24/25 18:16	1
Styrene	**1.2**		0.20	0.056	ppb v/v			06/24/25 18:16	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			06/24/25 18:16	1
Cumene	**11**		0.20	0.072	ppb v/v			06/24/25 18:16	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.061	ppb v/v			06/24/25 18:16	1
n-Propylbenzene	**35**		0.20	0.062	ppb v/v			06/24/25 18:16	1
2-Chlorotoluene	0.20	U	0.20	0.058	ppb v/v			06/24/25 18:16	1
tert-Butylbenzene	**0.63**		0.20	0.070	ppb v/v			06/24/25 18:16	1
sec-Butylbenzene	**3.1**		0.20	0.072	ppb v/v			06/24/25 18:16	1
4-Isopropyltoluene	**3.4**		0.20	0.078	ppb v/v			06/24/25 18:16	1
1,3-Dichlorobenzene	0.20	U	0.20	0.063	ppb v/v			06/24/25 18:16	1
1,4-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			06/24/25 18:16	1
Benzyl chloride	**0.32**		0.20	0.074	ppb v/v			06/24/25 18:16	1
n-Butylbenzene	**3.2**		0.20	0.070	ppb v/v			06/24/25 18:16	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			06/24/25 18:16	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.30	ppb v/v			06/24/25 18:16	1
Hexachlorobutadiene	0.20	U	0.20	0.078	ppb v/v			06/24/25 18:16	1
Naphthalene	**1.6**		0.38	0.11	ppb v/v			06/24/25 18:16	1

Client Sample ID: DUP-SV-06202025
Lab Sample ID: 200-78438-2

Date Collected: 06/20/25 12:55
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodifluoromethane	600	D	35	25	ug/m3			06/25/25 13:18	20
n-Butane	1300	D	24	15	ug/m3			06/25/25 13:18	20
Acetone	280	D	240	90	ug/m3			06/25/25 13:18	20
n-Hexane	150	D	35	11	ug/m3			06/25/25 13:18	20
Chloroform	210	D	20	5.8	ug/m3			06/25/25 13:18	20
o-Xylene	190	D	17	6.0	ug/m3			06/25/25 13:18	20
4-Ethyltoluene	330	D	20	6.7	ug/m3			06/25/25 13:18	20
1,3,5-Trimethylbenzene	400	D	20	6.7	ug/m3			06/25/25 13:18	20
1,2,4-Trimethylbenzene	800	D	20	8.1	ug/m3			06/25/25 13:18	20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodifluoromethane	170	D	10	7.2	ppb v/v			06/25/25 13:18	20
n-Butane	560	D	10	6.2	ppb v/v			06/25/25 13:18	20
Acetone	120	D	100	38	ppb v/v			06/25/25 13:18	20
n-Hexane	43	D	10	3.2	ppb v/v			06/25/25 13:18	20
Chloroform	44	D	4.0	1.2	ppb v/v			06/25/25 13:18	20
o-Xylene	44	D	4.0	1.4	ppb v/v			06/25/25 13:18	20
4-Ethyltoluene	67	D	4.0	1.4	ppb v/v			06/25/25 13:18	20
1,3,5-Trimethylbenzene	81	D	4.0	1.4	ppb v/v			06/25/25 13:18	20
1,2,4-Trimethylbenzene	160	D	4.0	1.6	ppb v/v			06/25/25 13:18	20

Client Sample ID: RXSV-05
Lab Sample ID: 200-78438-3

Date Collected: 06/20/25 13:00
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	25		9.9	4.4	ug/m3			06/24/25 20:03	4
Chlorodifluoromethane	10		7.1	5.1	ug/m3			06/24/25 20:03	4
1,2-Dichlorotetrafluoroethane	5.5	J	5.6	2.1	ug/m3			06/24/25 20:03	4
Chloromethane	4.1	U	4.1	2.7	ug/m3			06/24/25 20:03	4
n-Butane	200		4.8	2.9	ug/m3			06/24/25 20:03	4
Vinyl chloride	0.80	U	0.80	0.30	ug/m3			06/24/25 20:03	4
1,3-Butadiene	0.41	J	1.8	0.35	ug/m3			06/24/25 20:03	4
Bromomethane	3.1	U	3.1	0.96	ug/m3			06/24/25 20:03	4
Chloroethane	2.1	J	5.3	1.7	ug/m3			06/24/25 20:03	4
Bromoethene(Vinyl Bromide)	3.5	U	3.5	0.84	ug/m3			06/24/25 20:03	4
Trichlorofluoromethane	23		4.5	1.7	ug/m3			06/24/25 20:03	4
1,1,2-Trichlorotrifluoroethane	6.1	U	6.1	1.7	ug/m3			06/24/25 20:03	4
1,1-Dichloroethene	0.80	U	0.80	0.56	ug/m3			06/24/25 20:03	4
Acetone	54		48	18	ug/m3			06/24/25 20:03	4
Isopropyl alcohol	49	U	49	22	ug/m3			06/24/25 20:03	4
Carbon disulfide	8.0		6.2	2.2	ug/m3			06/24/25 20:03	4
3-Chloropropene	6.3	U	6.3	1.0	ug/m3			06/24/25 20:03	4
Methylene Chloride	6.9	U	6.9	2.6	ug/m3			06/24/25 20:03	4
tert-Butyl alcohol	61	U	61	19	ug/m3			06/24/25 20:03	4
Methyl tert-butyl ether	2.6	J	2.9	0.95	ug/m3			06/24/25 20:03	4
trans-1,2-Dichloroethene	0.57	J	3.2	0.32	ug/m3			06/24/25 20:03	4
n-Hexane	13		7.0	2.3	ug/m3			06/24/25 20:03	4

Client Sample ID: RXSV-05
Lab Sample ID: 200-78438-3

Date Collected: 06/20/25 13:00
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**48**		3.2	0.29	ug/m3			06/24/25 20:03	4
Methyl Ethyl Ketone (2-Butanone)	**1.8**	**J**	5.9	1.7	ug/m3			06/24/25 20:03	4
cis-1,2-Dichloroethene	**3.8**		0.80	0.51	ug/m3			06/24/25 20:03	4
Chloroform	**4.2**		3.9	1.2	ug/m3			06/24/25 20:03	4
Tetrahydrofuran	59	U	59	20	ug/m3			06/24/25 20:03	4
1,1,1-Trichloroethane	**7.8**		4.4	1.6	ug/m3			06/24/25 20:03	4
Cyclohexane	**24**		2.8	0.72	ug/m3			06/24/25 20:03	4
Carbon tetrachloride	0.88	U	0.88	0.60	ug/m3			06/24/25 20:03	4
2,2,4-Trimethylpentane	**40**		3.7	1.3	ug/m3			06/24/25 20:03	4
Benzene	**25**		2.6	0.65	ug/m3			06/24/25 20:03	4
1,2-Dichloroethane	3.2	U	3.2	1.2	ug/m3			06/24/25 20:03	4
n-Heptane	**22**		3.3	1.4	ug/m3			06/24/25 20:03	4
Trichloroethene	**8.0**		0.80	0.62	ug/m3			06/24/25 20:03	4
Methyl methacrylate	8.2	U	8.2	2.1	ug/m3			06/24/25 20:03	4
1,2-Dichloropropane	3.7	U	3.7	1.0	ug/m3			06/24/25 20:03	4
1,4-Dioxane	72	U	72	2.7	ug/m3			06/24/25 20:03	4
Bromodichloromethane	5.4	U	5.4	1.6	ug/m3			06/24/25 20:03	4
cis-1,3-Dichloropropene	3.6	U	3.6	1.0	ug/m3			06/24/25 20:03	4
4-Methyl-2-pentanone (Methyl isobutyl ketone)	8.2	U	8.2	3.1	ug/m3			06/24/25 20:03	4
Toluene	**140**		3.0	0.81	ug/m3			06/24/25 20:03	4
trans-1,3-Dichloropropene	3.6	U	3.6	1.1	ug/m3			06/24/25 20:03	4
1,1,2-Trichloroethane	4.4	U	4.4	1.2	ug/m3			06/24/25 20:03	4
Tetrachloroethene	**37**		5.4	0.98	ug/m3			06/24/25 20:03	4
Methyl Butyl Ketone (2-Hexanone)	8.2	U	8.2	3.3	ug/m3			06/24/25 20:03	4
Dibromochloromethane	6.8	U	6.8	1.8	ug/m3			06/24/25 20:03	4
1,2-Dibromoethane	6.1	U	6.1	1.4	ug/m3			06/24/25 20:03	4
Chlorobenzene	3.7	U	3.7	0.87	ug/m3			06/24/25 20:03	4
Ethylbenzene	**130**		3.5	0.89	ug/m3			06/24/25 20:03	4
m,p-Xylene	**610**		8.7	0.24	ug/m3			06/24/25 20:03	4
o-Xylene	**320**		3.5	1.2	ug/m3			06/24/25 20:03	4
Styrene	3.4	U	3.4	0.95	ug/m3			06/24/25 20:03	4
Bromoform	8.3	U	8.3	2.4	ug/m3			06/24/25 20:03	4
Cumene	**96**		3.9	1.4	ug/m3			06/24/25 20:03	4
1,1,2,2-Tetrachloroethane	5.5	U	5.5	1.7	ug/m3			06/24/25 20:03	4
n-Propylbenzene	**310**		3.9	1.2	ug/m3			06/24/25 20:03	4
4-Ethyltoluene	**540**		3.9	1.3	ug/m3			06/24/25 20:03	4
1,3,5-Trimethylbenzene	**580**		3.9	1.3	ug/m3			06/24/25 20:03	4
2-Chlorotoluene	4.1	U	4.1	1.2	ug/m3			06/24/25 20:03	4
tert-Butylbenzene	4.4	U	4.4	1.5	ug/m3			06/24/25 20:03	4
sec-Butylbenzene	**26**		4.4	1.6	ug/m3			06/24/25 20:03	4
4-Isopropyltoluene	**18**		4.4	1.7	ug/m3			06/24/25 20:03	4
1,3-Dichlorobenzene	4.8	U	4.8	1.5	ug/m3			06/24/25 20:03	4
1,4-Dichlorobenzene	4.8	U	4.8	1.7	ug/m3			06/24/25 20:03	4
Benzyl chloride	4.1	U	4.1	1.5	ug/m3			06/24/25 20:03	4
n-Butylbenzene	**24**		4.4	1.5	ug/m3			06/24/25 20:03	4
1,2-Dichlorobenzene	4.8	U	4.8	1.6	ug/m3			06/24/25 20:03	4
1,2,4-Trichlorobenzene	15	U	15	8.9	ug/m3			06/24/25 20:03	4
Hexachlorobutadiene	8.5	U	8.5	3.3	ug/m3			06/24/25 20:03	4

Client Sample ID: RXSV-05
Lab Sample ID: 200-78438-3

Date Collected: 06/20/25 13:00
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**4.5**	**J**	8.0	2.3	ug/m3			06/24/25 20:03	4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**5.1**		2.0	0.88	ppb v/v			06/24/25 20:03	4
Chlorodifluoromethane	**2.8**		2.0	1.4	ppb v/v			06/24/25 20:03	4
1,2-Dichlorotetrafluoroethane	**0.79**	**J**	0.80	0.30	ppb v/v			06/24/25 20:03	4
Chloromethane	2.0	U	2.0	1.3	ppb v/v			06/24/25 20:03	4
n-Butane	**84**		2.0	1.2	ppb v/v			06/24/25 20:03	4
Vinyl chloride	0.31	U	0.31	0.12	ppb v/v			06/24/25 20:03	4
1,3-Butadiene	**0.18**	**J**	0.80	0.16	ppb v/v			06/24/25 20:03	4
Bromomethane	0.80	U	0.80	0.25	ppb v/v			06/24/25 20:03	4
Chloroethane	**0.80**	**J**	2.0	0.64	ppb v/v			06/24/25 20:03	4
Bromoethene(Vinyl Bromide)	0.80	U	0.80	0.19	ppb v/v			06/24/25 20:03	4
Trichlorofluoromethane	**4.1**		0.80	0.31	ppb v/v			06/24/25 20:03	4
1,1,2-Trichlorotrifluoroethane	0.80	U	0.80	0.23	ppb v/v			06/24/25 20:03	4
1,1-Dichloroethene	0.20	U	0.20	0.14	ppb v/v			06/24/25 20:03	4
Acetone	**23**		20	7.6	ppb v/v			06/24/25 20:03	4
Isopropyl alcohol	20	U	20	8.8	ppb v/v			06/24/25 20:03	4
Carbon disulfide	**2.6**		2.0	0.72	ppb v/v			06/24/25 20:03	4
3-Chloropropene	2.0	U	2.0	0.32	ppb v/v			06/24/25 20:03	4
Methylene Chloride	2.0	U	2.0	0.76	ppb v/v			06/24/25 20:03	4
tert-Butyl alcohol	20	U	20	6.4	ppb v/v			06/24/25 20:03	4
Methyl tert-butyl ether	**0.72**	**J**	0.80	0.26	ppb v/v			06/24/25 20:03	4
trans-1,2-Dichloroethene	**0.14**	**J**	0.80	0.080	ppb v/v			06/24/25 20:03	4
n-Hexane	**3.8**		2.0	0.64	ppb v/v			06/24/25 20:03	4
1,1-Dichloroethane	**12**		0.80	0.072	ppb v/v			06/24/25 20:03	4
Methyl Ethyl Ketone (2-Butanone)	**0.60**	**J**	2.0	0.56	ppb v/v			06/24/25 20:03	4
cis-1,2-Dichloroethene	**0.95**		0.20	0.13	ppb v/v			06/24/25 20:03	4
Chloroform	**0.85**		0.80	0.24	ppb v/v			06/24/25 20:03	4
Tetrahydrofuran	20	U	20	6.8	ppb v/v			06/24/25 20:03	4
1,1,1-Trichloroethane	**1.4**		0.80	0.29	ppb v/v			06/24/25 20:03	4
Cyclohexane	**7.0**		0.80	0.21	ppb v/v			06/24/25 20:03	4
Carbon tetrachloride	0.14	U	0.14	0.096	ppb v/v			06/24/25 20:03	4
2,2,4-Trimethylpentane	**8.6**		0.80	0.28	ppb v/v			06/24/25 20:03	4
Benzene	**7.8**		0.80	0.20	ppb v/v			06/24/25 20:03	4
1,2-Dichloroethane	0.80	U	0.80	0.30	ppb v/v			06/24/25 20:03	4
n-Heptane	**5.4**		0.80	0.34	ppb v/v			06/24/25 20:03	4
Trichloroethene	**1.5**		0.15	0.12	ppb v/v			06/24/25 20:03	4
Methyl methacrylate	2.0	U	2.0	0.52	ppb v/v			06/24/25 20:03	4
1,2-Dichloropropane	0.80	U	0.80	0.22	ppb v/v			06/24/25 20:03	4
1,4-Dioxane	20	U	20	0.76	ppb v/v			06/24/25 20:03	4
Bromodichloromethane	0.80	U	0.80	0.23	ppb v/v			06/24/25 20:03	4
cis-1,3-Dichloropropene	0.80	U	0.80	0.22	ppb v/v			06/24/25 20:03	4
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.76	ppb v/v			06/24/25 20:03	4
Toluene	**38**		0.80	0.22	ppb v/v			06/24/25 20:03	4
trans-1,3-Dichloropropene	0.80	U	0.80	0.25	ppb v/v			06/24/25 20:03	4
1,1,2-Trichloroethane	0.80	U	0.80	0.21	ppb v/v			06/24/25 20:03	4
Tetrachloroethene	**5.4**		0.80	0.14	ppb v/v			06/24/25 20:03	4

Client Sample ID: RXSV-05
Lab Sample ID: 200-78438-3

Date Collected: 06/20/25 13:00
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.80	ppb v/v			06/24/25 20:03	4
Dibromochloromethane	0.80	U	0.80	0.21	ppb v/v			06/24/25 20:03	4
1,2-Dibromoethane	0.80	U	0.80	0.18	ppb v/v			06/24/25 20:03	4
Chlorobenzene	0.80	U	0.80	0.19	ppb v/v			06/24/25 20:03	4
Ethylbenzene	**30**		0.80	0.20	ppb v/v			06/24/25 20:03	4
m,p-Xylene	**140**		2.0	0.056	ppb v/v			06/24/25 20:03	4
o-Xylene	**74**		0.80	0.28	ppb v/v			06/24/25 20:03	4
Styrene	0.80	U	0.80	0.22	ppb v/v			06/24/25 20:03	4
Bromoform	0.80	U	0.80	0.23	ppb v/v			06/24/25 20:03	4
Cumene	**19**		0.80	0.29	ppb v/v			06/24/25 20:03	4
1,1,2,2-Tetrachloroethane	0.80	U	0.80	0.24	ppb v/v			06/24/25 20:03	4
n-Propylbenzene	**62**		0.80	0.25	ppb v/v			06/24/25 20:03	4
4-Ethyltoluene	**110**		0.80	0.27	ppb v/v			06/24/25 20:03	4
1,3,5-Trimethylbenzene	**120**		0.80	0.27	ppb v/v			06/24/25 20:03	4
2-Chlorotoluene	0.80	U	0.80	0.23	ppb v/v			06/24/25 20:03	4
tert-Butylbenzene	0.80	U	0.80	0.28	ppb v/v			06/24/25 20:03	4
sec-Butylbenzene	**4.8**		0.80	0.29	ppb v/v			06/24/25 20:03	4
4-Isopropyltoluene	**3.2**		0.80	0.31	ppb v/v			06/24/25 20:03	4
1,3-Dichlorobenzene	0.80	U	0.80	0.25	ppb v/v			06/24/25 20:03	4
1,4-Dichlorobenzene	0.80	U	0.80	0.28	ppb v/v			06/24/25 20:03	4
Benzyl chloride	0.80	U	0.80	0.30	ppb v/v			06/24/25 20:03	4
n-Butylbenzene	**4.4**		0.80	0.28	ppb v/v			06/24/25 20:03	4
1,2-Dichlorobenzene	0.80	U	0.80	0.26	ppb v/v			06/24/25 20:03	4
1,2,4-Trichlorobenzene	2.0	U	2.0	1.2	ppb v/v			06/24/25 20:03	4
Hexachlorobutadiene	0.80	U	0.80	0.31	ppb v/v			06/24/25 20:03	4
Naphthalene	**0.86**	**J**	1.5	0.44	ppb v/v			06/24/25 20:03	4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**960**	**D**	12	5.0	ug/m3			06/24/25 20:56	12.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**200**	**D**	2.5	1.0	ppb v/v			06/24/25 20:56	12.5

Client Sample ID: RXSV-01
Lab Sample ID: 200-78438-4

Date Collected: 06/20/25 13:10
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**14**	**J**	25	11	ug/m3			06/24/25 21:48	10
Chlorodifluoromethane	**140**		18	13	ug/m3			06/24/25 21:48	10
1,2-Dichlorotetrafluoroethane	14	U	14	5.3	ug/m3			06/24/25 21:48	10
Chloromethane	10	U	10	6.8	ug/m3			06/24/25 21:48	10
Vinyl chloride	**140**		2.0	0.74	ug/m3			06/24/25 21:48	10
1,3-Butadiene	4.4	U	4.4	0.88	ug/m3			06/24/25 21:48	10
Bromomethane	7.8	U	7.8	2.4	ug/m3			06/24/25 21:48	10
Bromoethene(Vinyl Bromide)	8.7	U	8.7	2.1	ug/m3			06/24/25 21:48	10
Trichlorofluoromethane	11	U	11	4.3	ug/m3			06/24/25 21:48	10

Client Sample ID: RXSV-01
Lab Sample ID: 200-78438-4

Date Collected: 06/20/25 13:10
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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-Trichlorotrifluoroethane	**46**		15	4.4	ug/m3			06/24/25 21:48	10
1,1-Dichloroethene	**10**		2.0	1.4	ug/m3			06/24/25 21:48	10
Acetone	120	U	120	45	ug/m3			06/24/25 21:48	10
Isopropyl alcohol	120	U	120	54	ug/m3			06/24/25 21:48	10
Carbon disulfide	**12**	**J**	16	5.6	ug/m3			06/24/25 21:48	10
3-Chloropropene	16	U	16	2.5	ug/m3			06/24/25 21:48	10
Methylene Chloride	**19**		17	6.6	ug/m3			06/24/25 21:48	10
tert-Butyl alcohol	150	U	150	49	ug/m3			06/24/25 21:48	10
Methyl tert-butyl ether	7.2	U	7.2	2.4	ug/m3			06/24/25 21:48	10
trans-1,2-Dichloroethene	**18**		7.9	0.79	ug/m3			06/24/25 21:48	10
n-Hexane	**230**		18	5.6	ug/m3			06/24/25 21:48	10
Methyl Ethyl Ketone (2-Butanone)	15	U	15	4.1	ug/m3			06/24/25 21:48	10
cis-1,2-Dichloroethene	**170**		2.0	1.3	ug/m3			06/24/25 21:48	10
Chloroform	**83**		9.8	2.9	ug/m3			06/24/25 21:48	10
Tetrahydrofuran	150	U	150	50	ug/m3			06/24/25 21:48	10
1,1,1-Trichloroethane	**470**		11	4.0	ug/m3			06/24/25 21:48	10
Cyclohexane	**430**		6.9	1.8	ug/m3			06/24/25 21:48	10
Carbon tetrachloride	2.2	U	2.2	1.5	ug/m3			06/24/25 21:48	10
2,2,4-Trimethylpentane	**280**		9.3	3.3	ug/m3			06/24/25 21:48	10
Benzene	**55**		6.4	1.6	ug/m3			06/24/25 21:48	10
1,2-Dichloroethane	8.1	U	8.1	3.0	ug/m3			06/24/25 21:48	10
n-Heptane	**650**		8.2	3.5	ug/m3			06/24/25 21:48	10
Trichloroethene	**83**		2.0	1.6	ug/m3			06/24/25 21:48	10
Methyl methacrylate	20	U	20	5.3	ug/m3			06/24/25 21:48	10
1,2-Dichloropropane	9.2	U	9.2	2.5	ug/m3			06/24/25 21:48	10
1,4-Dioxane	180	U	180	6.8	ug/m3			06/24/25 21:48	10
Bromodichloromethane	13	U	13	3.9	ug/m3			06/24/25 21:48	10
cis-1,3-Dichloropropene	9.1	U	9.1	2.5	ug/m3			06/24/25 21:48	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	20	U	20	7.8	ug/m3			06/24/25 21:48	10
Toluene	**350**		7.5	2.0	ug/m3			06/24/25 21:48	10
trans-1,3-Dichloropropene	9.1	U	9.1	2.8	ug/m3			06/24/25 21:48	10
1,1,2-Trichloroethane	11	U	11	2.9	ug/m3			06/24/25 21:48	10
Tetrachloroethene	**370**		14	2.4	ug/m3			06/24/25 21:48	10
Methyl Butyl Ketone (2-Hexanone)	20	U	20	8.2	ug/m3			06/24/25 21:48	10
Dibromochloromethane	17	U	17	4.5	ug/m3			06/24/25 21:48	10
1,2-Dibromoethane	15	U	15	3.5	ug/m3			06/24/25 21:48	10
Chlorobenzene	9.2	U	9.2	2.2	ug/m3			06/24/25 21:48	10
Ethylbenzene	**230**		8.7	2.2	ug/m3			06/24/25 21:48	10
m,p-Xylene	**550**		22	0.61	ug/m3			06/24/25 21:48	10
o-Xylene	**370**		8.7	3.0	ug/m3			06/24/25 21:48	10
Styrene	8.5	U	8.5	2.4	ug/m3			06/24/25 21:48	10
Bromoform	21	U	21	6.0	ug/m3			06/24/25 21:48	10
Cumene	**190**		9.8	3.5	ug/m3			06/24/25 21:48	10
1,1,2,2-Tetrachloroethane	14	U	14	4.2	ug/m3			06/24/25 21:48	10
n-Propylbenzene	**390**		9.8	3.0	ug/m3			06/24/25 21:48	10
4-Ethyltoluene	**650**		9.8	3.3	ug/m3			06/24/25 21:48	10
1,3,5-Trimethylbenzene	**660**		9.8	3.3	ug/m3			06/24/25 21:48	10
2-Chlorotoluene	10	U	10	3.0	ug/m3			06/24/25 21:48	10

Client Sample ID: RXSV-01
Lab Sample ID: 200-78438-4

Date Collected: 06/20/25 13:10
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	**23**		11	3.8	ug/m3			06/24/25 21:48	10
1,2,4-Trimethylbenzene	**1500**		9.8	4.0	ug/m3			06/24/25 21:48	10
sec-Butylbenzene	**77**		11	4.0	ug/m3			06/24/25 21:48	10
4-Isopropyltoluene	**38**		11	4.3	ug/m3			06/24/25 21:48	10
1,3-Dichlorobenzene	12	U	12	3.8	ug/m3			06/24/25 21:48	10
1,4-Dichlorobenzene	12	U	12	4.2	ug/m3			06/24/25 21:48	10
Benzyl chloride	**4.2**	**J**	10	3.8	ug/m3			06/24/25 21:48	10
n-Butylbenzene	**41**		11	3.8	ug/m3			06/24/25 21:48	10
1,2-Dichlorobenzene	12	U	12	4.0	ug/m3			06/24/25 21:48	10
1,2,4-Trichlorobenzene	37	U	37	22	ug/m3			06/24/25 21:48	10
Hexachlorobutadiene	21	U	21	8.3	ug/m3			06/24/25 21:48	10
Naphthalene	**27**		20	5.8	ug/m3			06/24/25 21:48	10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.8**	**J**	5.0	2.2	ppb v/v			06/24/25 21:48	10
Chlorodifluoromethane	**40**		5.0	3.6	ppb v/v			06/24/25 21:48	10
1,2-Dichlorotetrafluoroethane	2.0	U	2.0	0.76	ppb v/v			06/24/25 21:48	10
Chloromethane	5.0	U	5.0	3.3	ppb v/v			06/24/25 21:48	10
Vinyl chloride	**54**		0.78	0.29	ppb v/v			06/24/25 21:48	10
1,3-Butadiene	2.0	U	2.0	0.40	ppb v/v			06/24/25 21:48	10
Bromomethane	2.0	U	2.0	0.62	ppb v/v			06/24/25 21:48	10
Bromoethene(Vinyl Bromide)	2.0	U	2.0	0.48	ppb v/v			06/24/25 21:48	10
Trichlorofluoromethane	2.0	U	2.0	0.77	ppb v/v			06/24/25 21:48	10
1,1,2-Trichlorotrifluoroethane	**6.0**		2.0	0.57	ppb v/v			06/24/25 21:48	10
1,1-Dichloroethene	**2.6**		0.50	0.35	ppb v/v			06/24/25 21:48	10
Acetone	50	U	50	19	ppb v/v			06/24/25 21:48	10
Isopropyl alcohol	50	U	50	22	ppb v/v			06/24/25 21:48	10
Carbon disulfide	**3.8**	**J**	5.0	1.8	ppb v/v			06/24/25 21:48	10
3-Chloropropene	5.0	U	5.0	0.81	ppb v/v			06/24/25 21:48	10
Methylene Chloride	**5.5**		5.0	1.9	ppb v/v			06/24/25 21:48	10
tert-Butyl alcohol	50	U	50	16	ppb v/v			06/24/25 21:48	10
Methyl tert-butyl ether	2.0	U	2.0	0.66	ppb v/v			06/24/25 21:48	10
trans-1,2-Dichloroethene	**4.6**		2.0	0.20	ppb v/v			06/24/25 21:48	10
n-Hexane	**64**		5.0	1.6	ppb v/v			06/24/25 21:48	10
Methyl Ethyl Ketone (2-Butanone)	5.0	U	5.0	1.4	ppb v/v			06/24/25 21:48	10
cis-1,2-Dichloroethene	**44**		0.50	0.32	ppb v/v			06/24/25 21:48	10
Chloroform	**17**		2.0	0.59	ppb v/v			06/24/25 21:48	10
Tetrahydrofuran	50	U	50	17	ppb v/v			06/24/25 21:48	10
1,1,1-Trichloroethane	**87**		2.0	0.73	ppb v/v			06/24/25 21:48	10
Cyclohexane	**130**		2.0	0.52	ppb v/v			06/24/25 21:48	10
Carbon tetrachloride	0.35	U	0.35	0.24	ppb v/v			06/24/25 21:48	10
2,2,4-Trimethylpentane	**60**		2.0	0.71	ppb v/v			06/24/25 21:48	10
Benzene	**17**		2.0	0.51	ppb v/v			06/24/25 21:48	10
1,2-Dichloroethane	2.0	U	2.0	0.74	ppb v/v			06/24/25 21:48	10
n-Heptane	**160**		2.0	0.86	ppb v/v			06/24/25 21:48	10
Trichloroethene	**15**		0.37	0.29	ppb v/v			06/24/25 21:48	10
Methyl methacrylate	5.0	U	5.0	1.3	ppb v/v			06/24/25 21:48	10
1,2-Dichloropropane	2.0	U	2.0	0.55	ppb v/v			06/24/25 21:48	10
1,4-Dioxane	50	U	50	1.9	ppb v/v			06/24/25 21:48	10

Client Sample ID: RXSV-01
Lab Sample ID: 200-78438-4

Date Collected: 06/20/25 13:10
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	2.0	U	2.0	0.58	ppb v/v			06/24/25 21:48	10
cis-1,3-Dichloropropene	2.0	U	2.0	0.56	ppb v/v			06/24/25 21:48	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	5.0	U	5.0	1.9	ppb v/v			06/24/25 21:48	10
Toluene	**93**		2.0	0.54	ppb v/v			06/24/25 21:48	10
trans-1,3-Dichloropropene	2.0	U	2.0	0.62	ppb v/v			06/24/25 21:48	10
1,1,2-Trichloroethane	2.0	U	2.0	0.53	ppb v/v			06/24/25 21:48	10
Tetrachloroethene	**55**		2.0	0.36	ppb v/v			06/24/25 21:48	10
Methyl Butyl Ketone (2-Hexanone)	5.0	U	5.0	2.0	ppb v/v			06/24/25 21:48	10
Dibromochloromethane	2.0	U	2.0	0.53	ppb v/v			06/24/25 21:48	10
1,2-Dibromoethane	2.0	U	2.0	0.45	ppb v/v			06/24/25 21:48	10
Chlorobenzene	2.0	U	2.0	0.47	ppb v/v			06/24/25 21:48	10
Ethylbenzene	**53**		2.0	0.51	ppb v/v			06/24/25 21:48	10
m,p-Xylene	**130**		5.0	0.14	ppb v/v			06/24/25 21:48	10
o-Xylene	**86**		2.0	0.69	ppb v/v			06/24/25 21:48	10
Styrene	2.0	U	2.0	0.56	ppb v/v			06/24/25 21:48	10
Bromoform	2.0	U	2.0	0.58	ppb v/v			06/24/25 21:48	10
Cumene	**38**		2.0	0.72	ppb v/v			06/24/25 21:48	10
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.61	ppb v/v			06/24/25 21:48	10
n-Propylbenzene	**80**		2.0	0.62	ppb v/v			06/24/25 21:48	10
4-Ethyltoluene	**130**		2.0	0.68	ppb v/v			06/24/25 21:48	10
1,3,5-Trimethylbenzene	**130**		2.0	0.68	ppb v/v			06/24/25 21:48	10
2-Chlorotoluene	2.0	U	2.0	0.58	ppb v/v			06/24/25 21:48	10
tert-Butylbenzene	**4.3**		2.0	0.70	ppb v/v			06/24/25 21:48	10
1,2,4-Trimethylbenzene	**310**		2.0	0.82	ppb v/v			06/24/25 21:48	10
sec-Butylbenzene	**14**		2.0	0.72	ppb v/v			06/24/25 21:48	10
4-Isopropyltoluene	**6.9**		2.0	0.78	ppb v/v			06/24/25 21:48	10
1,3-Dichlorobenzene	2.0	U	2.0	0.63	ppb v/v			06/24/25 21:48	10
1,4-Dichlorobenzene	2.0	U	2.0	0.70	ppb v/v			06/24/25 21:48	10
Benzyl chloride	**0.82**	**J**	2.0	0.74	ppb v/v			06/24/25 21:48	10
n-Butylbenzene	**7.4**		2.0	0.70	ppb v/v			06/24/25 21:48	10
1,2-Dichlorobenzene	2.0	U	2.0	0.66	ppb v/v			06/24/25 21:48	10
1,2,4-Trichlorobenzene	5.0	U	5.0	3.0	ppb v/v			06/24/25 21:48	10
Hexachlorobutadiene	2.0	U	2.0	0.78	ppb v/v			06/24/25 21:48	10
Naphthalene	**5.2**		3.8	1.1	ppb v/v			06/24/25 21:48	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	**1900**	**D**	120	74	ug/m3			06/25/25 14:10	101
Chloroethane	**9900**	**D**	130	43	ug/m3			06/25/25 14:10	101
1,1-Dichloroethane	**2000**	**D**	82	7.4	ug/m3			06/25/25 14:10	101

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	**810**	**D**	51	31	ppb v/v			06/25/25 14:10	101
Chloroethane	**3800**	**D**	51	16	ppb v/v			06/25/25 14:10	101
1,1-Dichloroethane	**500**	**D**	20	1.8	ppb v/v			06/25/25 14:10	101

Client Sample ID: RXSV-09
Lab Sample ID: 200-78438-5

Date Collected: 06/20/25 13:27
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**5.4**	**J**	9.9	4.4	ug/m3			06/24/25 23:34	4
Chlorodifluoromethane	**8.4**		7.1	5.1	ug/m3			06/24/25 23:34	4
1,2-Dichlorotetrafluoroethane	5.6	U	5.6	2.1	ug/m3			06/24/25 23:34	4
Chloromethane	4.1	U	4.1	2.7	ug/m3			06/24/25 23:34	4
n-Butane	**41**		4.8	2.9	ug/m3			06/24/25 23:34	4
Vinyl chloride	0.80	U	0.80	0.30	ug/m3			06/24/25 23:34	4
1,3-Butadiene	**2.2**		1.8	0.35	ug/m3			06/24/25 23:34	4
Bromomethane	3.1	U	3.1	0.96	ug/m3			06/24/25 23:34	4
Chloroethane	5.3	U	5.3	1.7	ug/m3			06/24/25 23:34	4
Bromoethene(Vinyl Bromide)	3.5	U	3.5	0.84	ug/m3			06/24/25 23:34	4
Trichlorofluoromethane	**45**		4.5	1.7	ug/m3			06/24/25 23:34	4
1,1,2-Trichlorotrifluoroethane	6.1	U	6.1	1.7	ug/m3			06/24/25 23:34	4
1,1-Dichloroethene	0.80	U	0.80	0.56	ug/m3			06/24/25 23:34	4
Acetone	**210**		48	18	ug/m3			06/24/25 23:34	4
Isopropyl alcohol	49	U	49	22	ug/m3			06/24/25 23:34	4
Carbon disulfide	**4.3**	**J**	6.2	2.2	ug/m3			06/24/25 23:34	4
3-Chloropropene	6.3	U	6.3	1.0	ug/m3			06/24/25 23:34	4
Methylene Chloride	6.9	U	6.9	2.6	ug/m3			06/24/25 23:34	4
tert-Butyl alcohol	**100**		61	19	ug/m3			06/24/25 23:34	4
Methyl tert-butyl ether	**2.0**	**J**	2.9	0.95	ug/m3			06/24/25 23:34	4
trans-1,2-Dichloroethene	3.2	U	3.2	0.32	ug/m3			06/24/25 23:34	4
n-Hexane	**18**		7.0	2.3	ug/m3			06/24/25 23:34	4
1,1-Dichloroethane	**0.51**	**J**	3.2	0.29	ug/m3			06/24/25 23:34	4
Methyl Ethyl Ketone (2-Butanone)	**7.1**		5.9	1.7	ug/m3			06/24/25 23:34	4
cis-1,2-Dichloroethene	0.80	U	0.80	0.51	ug/m3			06/24/25 23:34	4
Chloroform	**120**		3.9	1.2	ug/m3			06/24/25 23:34	4
Tetrahydrofuran	59	U	59	20	ug/m3			06/24/25 23:34	4
1,1,1-Trichloroethane	**1.6**	**J**	4.4	1.6	ug/m3			06/24/25 23:34	4
Cyclohexane	**22**		2.8	0.72	ug/m3			06/24/25 23:34	4
Carbon tetrachloride	0.88	U	0.88	0.60	ug/m3			06/24/25 23:34	4
2,2,4-Trimethylpentane	**27**		3.7	1.3	ug/m3			06/24/25 23:34	4
Benzene	**15**		2.6	0.65	ug/m3			06/24/25 23:34	4
1,2-Dichloroethane	3.2	U	3.2	1.2	ug/m3			06/24/25 23:34	4
n-Heptane	**29**		3.3	1.4	ug/m3			06/24/25 23:34	4
Trichloroethene	**2.5**		0.80	0.62	ug/m3			06/24/25 23:34	4
Methyl methacrylate	8.2	U	8.2	2.1	ug/m3			06/24/25 23:34	4
1,2-Dichloropropane	3.7	U	3.7	1.0	ug/m3			06/24/25 23:34	4
1,4-Dioxane	72	U	72	2.7	ug/m3			06/24/25 23:34	4
Bromodichloromethane	**3.9**	**J**	5.4	1.6	ug/m3			06/24/25 23:34	4
cis-1,3-Dichloropropene	3.6	U	3.6	1.0	ug/m3			06/24/25 23:34	4
4-Methyl-2-pentanone (Methyl isobutyl ketone)	8.2	U	8.2	3.1	ug/m3			06/24/25 23:34	4
Toluene	**150**		3.0	0.81	ug/m3			06/24/25 23:34	4
trans-1,3-Dichloropropene	3.6	U	3.6	1.1	ug/m3			06/24/25 23:34	4
1,1,2-Trichloroethane	4.4	U	4.4	1.2	ug/m3			06/24/25 23:34	4
Tetrachloroethene	**29**		5.4	0.98	ug/m3			06/24/25 23:34	4
Methyl Butyl Ketone (2-Hexanone)	8.2	U	8.2	3.3	ug/m3			06/24/25 23:34	4
Dibromochloromethane	6.8	U	6.8	1.8	ug/m3			06/24/25 23:34	4
1,2-Dibromoethane	6.1	U	6.1	1.4	ug/m3			06/24/25 23:34	4

Client Sample ID: RXSV-09
Lab Sample ID: 200-78438-5

Date Collected: 06/20/25 13:27
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	3.7	U	3.7	0.87	ug/m3			06/24/25 23:34	4
Ethylbenzene	**85**		3.5	0.89	ug/m3			06/24/25 23:34	4
m,p-Xylene	**450**		8.7	0.24	ug/m3			06/24/25 23:34	4
o-Xylene	**300**		3.5	1.2	ug/m3			06/24/25 23:34	4
Styrene	3.4	U	3.4	0.95	ug/m3			06/24/25 23:34	4
Bromoform	8.3	U	8.3	2.4	ug/m3			06/24/25 23:34	4
Cumene	**80**		3.9	1.4	ug/m3			06/24/25 23:34	4
1,1,2,2-Tetrachloroethane	5.5	U	5.5	1.7	ug/m3			06/24/25 23:34	4
n-Propylbenzene	**360**		3.9	1.2	ug/m3			06/24/25 23:34	4
4-Ethyltoluene	**680**		3.9	1.3	ug/m3			06/24/25 23:34	4
1,3,5-Trimethylbenzene	**700**		3.9	1.3	ug/m3			06/24/25 23:34	4
2-Chlorotoluene	4.1	U	4.1	1.2	ug/m3			06/24/25 23:34	4
tert-Butylbenzene	4.4	U	4.4	1.5	ug/m3			06/24/25 23:34	4
sec-Butylbenzene	**21**		4.4	1.6	ug/m3			06/24/25 23:34	4
4-Isopropyltoluene	**18**		4.4	1.7	ug/m3			06/24/25 23:34	4
1,3-Dichlorobenzene	4.8	U	4.8	1.5	ug/m3			06/24/25 23:34	4
1,4-Dichlorobenzene	4.8	U	4.8	1.7	ug/m3			06/24/25 23:34	4
Benzyl chloride	4.1	U	4.1	1.5	ug/m3			06/24/25 23:34	4
n-Butylbenzene	**37**		4.4	1.5	ug/m3			06/24/25 23:34	4
1,2-Dichlorobenzene	4.8	U	4.8	1.6	ug/m3			06/24/25 23:34	4
1,2,4-Trichlorobenzene	15	U	15	8.9	ug/m3			06/24/25 23:34	4
Hexachlorobutadiene	8.5	U	8.5	3.3	ug/m3			06/24/25 23:34	4
Naphthalene	**22**		8.0	2.3	ug/m3			06/24/25 23:34	4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.1**	**J**	2.0	0.88	ppb v/v			06/24/25 23:34	4
Chlorodifluoromethane	**2.4**		2.0	1.4	ppb v/v			06/24/25 23:34	4
1,2-Dichlorotetrafluoroethane	0.80	U	0.80	0.30	ppb v/v			06/24/25 23:34	4
Chloromethane	2.0	U	2.0	1.3	ppb v/v			06/24/25 23:34	4
n-Butane	**17**		2.0	1.2	ppb v/v			06/24/25 23:34	4
Vinyl chloride	0.31	U	0.31	0.12	ppb v/v			06/24/25 23:34	4
1,3-Butadiene	**1.0**		0.80	0.16	ppb v/v			06/24/25 23:34	4
Bromomethane	0.80	U	0.80	0.25	ppb v/v			06/24/25 23:34	4
Chloroethane	2.0	U	2.0	0.64	ppb v/v			06/24/25 23:34	4
Bromoethene(Vinyl Bromide)	0.80	U	0.80	0.19	ppb v/v			06/24/25 23:34	4
Trichlorofluoromethane	**7.9**		0.80	0.31	ppb v/v			06/24/25 23:34	4
1,1,2-Trichlorotrifluoroethane	0.80	U	0.80	0.23	ppb v/v			06/24/25 23:34	4
1,1-Dichloroethene	0.20	U	0.20	0.14	ppb v/v			06/24/25 23:34	4
Acetone	**90**		20	7.6	ppb v/v			06/24/25 23:34	4
Isopropyl alcohol	20	U	20	8.8	ppb v/v			06/24/25 23:34	4
Carbon disulfide	**1.4**	**J**	2.0	0.72	ppb v/v			06/24/25 23:34	4
3-Chloropropene	2.0	U	2.0	0.32	ppb v/v			06/24/25 23:34	4
Methylene Chloride	2.0	U	2.0	0.76	ppb v/v			06/24/25 23:34	4
tert-Butyl alcohol	**34**		20	6.4	ppb v/v			06/24/25 23:34	4
Methyl tert-butyl ether	**0.55**	**J**	0.80	0.26	ppb v/v			06/24/25 23:34	4
trans-1,2-Dichloroethene	0.80	U	0.80	0.080	ppb v/v			06/24/25 23:34	4
n-Hexane	**5.1**		2.0	0.64	ppb v/v			06/24/25 23:34	4
1,1-Dichloroethane	**0.13**	**J**	0.80	0.072	ppb v/v			06/24/25 23:34	4
Methyl Ethyl Ketone (2-Butanone)	**2.4**		2.0	0.56	ppb v/v			06/24/25 23:34	4

Client Sample ID: RXSV-09
Lab Sample ID: 200-78438-5

Date Collected: 06/20/25 13:27
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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	0.20	U	0.20	0.13	ppb v/v			06/24/25 23:34	4
Chloroform	**24**		0.80	0.24	ppb v/v			06/24/25 23:34	4
Tetrahydrofuran	20	U	20	6.8	ppb v/v			06/24/25 23:34	4
1,1,1-Trichloroethane	**0.29**	**J**	0.80	0.29	ppb v/v			06/24/25 23:34	4
Cyclohexane	**6.3**		0.80	0.21	ppb v/v			06/24/25 23:34	4
Carbon tetrachloride	0.14	U	0.14	0.096	ppb v/v			06/24/25 23:34	4
2,2,4-Trimethylpentane	**5.9**		0.80	0.28	ppb v/v			06/24/25 23:34	4
Benzene	**4.7**		0.80	0.20	ppb v/v			06/24/25 23:34	4
1,2-Dichloroethane	0.80	U	0.80	0.30	ppb v/v			06/24/25 23:34	4
n-Heptane	**7.1**		0.80	0.34	ppb v/v			06/24/25 23:34	4
Trichloroethene	**0.47**		0.15	0.12	ppb v/v			06/24/25 23:34	4
Methyl methacrylate	2.0	U	2.0	0.52	ppb v/v			06/24/25 23:34	4
1,2-Dichloropropane	0.80	U	0.80	0.22	ppb v/v			06/24/25 23:34	4
1,4-Dioxane	20	U	20	0.76	ppb v/v			06/24/25 23:34	4
Bromodichloromethane	**0.58**	**J**	0.80	0.23	ppb v/v			06/24/25 23:34	4
cis-1,3-Dichloropropene	0.80	U	0.80	0.22	ppb v/v			06/24/25 23:34	4
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.76	ppb v/v			06/24/25 23:34	4
Toluene	**39**		0.80	0.22	ppb v/v			06/24/25 23:34	4
trans-1,3-Dichloropropene	0.80	U	0.80	0.25	ppb v/v			06/24/25 23:34	4
1,1,2-Trichloroethane	0.80	U	0.80	0.21	ppb v/v			06/24/25 23:34	4
Tetrachloroethene	**4.3**		0.80	0.14	ppb v/v			06/24/25 23:34	4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.80	ppb v/v			06/24/25 23:34	4
Dibromochloromethane	0.80	U	0.80	0.21	ppb v/v			06/24/25 23:34	4
1,2-Dibromoethane	0.80	U	0.80	0.18	ppb v/v			06/24/25 23:34	4
Chlorobenzene	0.80	U	0.80	0.19	ppb v/v			06/24/25 23:34	4
Ethylbenzene	**19**		0.80	0.20	ppb v/v			06/24/25 23:34	4
m,p-Xylene	**100**		2.0	0.056	ppb v/v			06/24/25 23:34	4
o-Xylene	**69**		0.80	0.28	ppb v/v			06/24/25 23:34	4
Styrene	0.80	U	0.80	0.22	ppb v/v			06/24/25 23:34	4
Bromoform	0.80	U	0.80	0.23	ppb v/v			06/24/25 23:34	4
Cumene	**16**		0.80	0.29	ppb v/v			06/24/25 23:34	4
1,1,2,2-Tetrachloroethane	0.80	U	0.80	0.24	ppb v/v			06/24/25 23:34	4
n-Propylbenzene	**73**		0.80	0.25	ppb v/v			06/24/25 23:34	4
4-Ethyltoluene	**140**		0.80	0.27	ppb v/v			06/24/25 23:34	4
1,3,5-Trimethylbenzene	**140**		0.80	0.27	ppb v/v			06/24/25 23:34	4
2-Chlorotoluene	0.80	U	0.80	0.23	ppb v/v			06/24/25 23:34	4
tert-Butylbenzene	0.80	U	0.80	0.28	ppb v/v			06/24/25 23:34	4
sec-Butylbenzene	**3.8**		0.80	0.29	ppb v/v			06/24/25 23:34	4
4-Isopropyltoluene	**3.3**		0.80	0.31	ppb v/v			06/24/25 23:34	4
1,3-Dichlorobenzene	0.80	U	0.80	0.25	ppb v/v			06/24/25 23:34	4
1,4-Dichlorobenzene	0.80	U	0.80	0.28	ppb v/v			06/24/25 23:34	4
Benzyl chloride	0.80	U	0.80	0.30	ppb v/v			06/24/25 23:34	4
n-Butylbenzene	**6.7**		0.80	0.28	ppb v/v			06/24/25 23:34	4
1,2-Dichlorobenzene	0.80	U	0.80	0.26	ppb v/v			06/24/25 23:34	4
1,2,4-Trichlorobenzene	2.0	U	2.0	1.2	ppb v/v			06/24/25 23:34	4
Hexachlorobutadiene	0.80	U	0.80	0.31	ppb v/v			06/24/25 23:34	4
Naphthalene	**4.3**		1.5	0.44	ppb v/v			06/24/25 23:34	4

Client Sample ID: RXSV-09
Lab Sample ID: 200-78438-5

Date Collected: 06/20/25 13:27
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**1500**	**D**	12	5.0	ug/m3			06/25/25 00:26	12.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**310**	**D**	2.5	1.0	ppb v/v			06/25/25 00:26	12.5

Client Sample ID: RXSV-07
Lab Sample ID: 200-78438-6

Date Collected: 06/20/25 16:15
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**660**		490	220	ug/m3			06/26/25 05:29	200
Chlorodifluoromethane	**4700**		350	250	ug/m3			06/26/25 05:29	200
1,2-Dichlorotetrafluoroethane	280	U	280	110	ug/m3			06/26/25 05:29	200
Chloromethane	210	U	210	140	ug/m3			06/26/25 05:29	200
n-Butane	**19000**		240	150	ug/m3			06/26/25 05:29	200
Vinyl chloride	40	U	40	15	ug/m3			06/26/25 05:29	200
1,3-Butadiene	88	U	88	18	ug/m3			06/26/25 05:29	200
Bromomethane	160	U	160	48	ug/m3			06/26/25 05:29	200
Chloroethane	**260**		260	84	ug/m3			06/26/25 05:29	200
Bromoethene(Vinyl Bromide)	170	U	170	42	ug/m3			06/26/25 05:29	200
Trichlorofluoromethane	220	U	220	87	ug/m3			06/26/25 05:29	200
1,1,2-Trichlorotrifluoroethane	310	U	310	87	ug/m3			06/26/25 05:29	200
1,1-Dichloroethene	40	U	40	28	ug/m3			06/26/25 05:29	200
Acetone	2400	U	2400	900	ug/m3			06/26/25 05:29	200
Isopropyl alcohol	2500	U	2500	1100	ug/m3			06/26/25 05:29	200
Carbon disulfide	310	U	310	110	ug/m3			06/26/25 05:29	200
3-Chloropropene	310	U	310	51	ug/m3			06/26/25 05:29	200
Methylene Chloride	350	U	350	130	ug/m3			06/26/25 05:29	200
tert-Butyl alcohol	3000	U	3000	970	ug/m3			06/26/25 05:29	200
Methyl tert-butyl ether	**720**		140	48	ug/m3			06/26/25 05:29	200
trans-1,2-Dichloroethene	**150**	**J**	160	16	ug/m3			06/26/25 05:29	200
n-Hexane	**61000**	**E**	350	110	ug/m3			06/26/25 05:29	200
1,1-Dichloroethane	160	U	160	15	ug/m3			06/26/25 05:29	200
Methyl Ethyl Ketone (2-Butanone)	290	U	290	83	ug/m3			06/26/25 05:29	200
cis-1,2-Dichloroethene	40	U	40	25	ug/m3			06/26/25 05:29	200
Chloroform	200	U	200	58	ug/m3			06/26/25 05:29	200
Tetrahydrofuran	2900	U	2900	1000	ug/m3			06/26/25 05:29	200
1,1,1-Trichloroethane	220	U	220	80	ug/m3			06/26/25 05:29	200
Cyclohexane	**52000**	**E**	140	36	ug/m3			06/26/25 05:29	200
Carbon tetrachloride	44	U	44	30	ug/m3			06/26/25 05:29	200
2,2,4-Trimethylpentane	**57000**	**E**	190	66	ug/m3			06/26/25 05:29	200
Benzene	**5000**		130	33	ug/m3			06/26/25 05:29	200
1,2-Dichloroethane	160	U	160	60	ug/m3			06/26/25 05:29	200
n-Heptane	**19000**		160	70	ug/m3			06/26/25 05:29	200
Trichloroethene	40	U	40	31	ug/m3			06/26/25 05:29	200
Methyl methacrylate	410	U	410	110	ug/m3			06/26/25 05:29	200
1,2-Dichloropropane	180	U	180	51	ug/m3			06/26/25 05:29	200
1,4-Dioxane	3600	U	3600	140	ug/m3			06/26/25 05:29	200

Client Sample ID: RXSV-07
Lab Sample ID: 200-78438-6

Date Collected: 06/20/25 16:15
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	270	U	270	78	ug/m3			06/26/25 05:29	200
cis-1,3-Dichloropropene	180	U	180	51	ug/m3			06/26/25 05:29	200
4-Methyl-2-pentanone (Methyl isobutyl ketone)	410	U	410	160	ug/m3			06/26/25 05:29	200
Toluene	**460**		150	41	ug/m3			06/26/25 05:29	200
trans-1,3-Dichloropropene	180	U	180	56	ug/m3			06/26/25 05:29	200
1,1,2-Trichloroethane	220	U	220	58	ug/m3			06/26/25 05:29	200
Tetrachloroethene	**95**	**J**	270	49	ug/m3			06/26/25 05:29	200
Methyl Butyl Ketone (2-Hexanone)	410	U	410	160	ug/m3			06/26/25 05:29	200
Dibromochloromethane	340	U	340	90	ug/m3			06/26/25 05:29	200
1,2-Dibromoethane	310	U	310	69	ug/m3			06/26/25 05:29	200
Chlorobenzene	180	U	180	43	ug/m3			06/26/25 05:29	200
Ethylbenzene	170	U	170	44	ug/m3			06/26/25 05:29	200
m,p-Xylene	**990**		430	12	ug/m3			06/26/25 05:29	200
o-Xylene	**470**		170	60	ug/m3			06/26/25 05:29	200
Styrene	170	U	170	48	ug/m3			06/26/25 05:29	200
Bromoform	410	U	410	120	ug/m3			06/26/25 05:29	200
Cumene	**1700**		200	71	ug/m3			06/26/25 05:29	200
1,1,2,2-Tetrachloroethane	270	U	270	84	ug/m3			06/26/25 05:29	200
n-Propylbenzene	**1400**		200	61	ug/m3			06/26/25 05:29	200
4-Ethyltoluene	**760**		200	67	ug/m3			06/26/25 05:29	200
1,3,5-Trimethylbenzene	**870**		200	67	ug/m3			06/26/25 05:29	200
2-Chlorotoluene	210	U	210	60	ug/m3			06/26/25 05:29	200
tert-Butylbenzene	**110**	**J**	220	77	ug/m3			06/26/25 05:29	200
1,2,4-Trimethylbenzene	**1900**		200	81	ug/m3			06/26/25 05:29	200
sec-Butylbenzene	**660**		220	79	ug/m3			06/26/25 05:29	200
4-Isopropyltoluene	220	U	220	86	ug/m3			06/26/25 05:29	200
1,3-Dichlorobenzene	240	U	240	76	ug/m3			06/26/25 05:29	200
1,4-Dichlorobenzene	240	U	240	84	ug/m3			06/26/25 05:29	200
Benzyl chloride	210	U	210	77	ug/m3			06/26/25 05:29	200
n-Butylbenzene	220	U	220	77	ug/m3			06/26/25 05:29	200
1,2-Dichlorobenzene	240	U	240	79	ug/m3			06/26/25 05:29	200
1,2,4-Trichlorobenzene	740	U	740	450	ug/m3			06/26/25 05:29	200
Hexachlorobutadiene	430	U	430	170	ug/m3			06/26/25 05:29	200
Naphthalene	400	U	400	120	ug/m3			06/26/25 05:29	200

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**130**		100	44	ppb v/v			06/26/25 05:29	200
Chlorodifluoromethane	**1300**		100	72	ppb v/v			06/26/25 05:29	200
1,2-Dichlorotetrafluoroethane	40	U	40	15	ppb v/v			06/26/25 05:29	200
Chloromethane	100	U	100	66	ppb v/v			06/26/25 05:29	200
n-Butane	**8000**		100	62	ppb v/v			06/26/25 05:29	200
Vinyl chloride	16	U	16	5.8	ppb v/v			06/26/25 05:29	200
1,3-Butadiene	40	U	40	8.0	ppb v/v			06/26/25 05:29	200
Bromomethane	40	U	40	12	ppb v/v			06/26/25 05:29	200
Chloroethane	**97**		100	32	ppb v/v			06/26/25 05:29	200
Bromoethene(Vinyl Bromide)	40	U	40	9.6	ppb v/v			06/26/25 05:29	200
Trichlorofluoromethane	40	U	40	15	ppb v/v			06/26/25 05:29	200
1,1,2-Trichlorotrifluoroethane	40	U	40	11	ppb v/v			06/26/25 05:29	200

Client Sample ID: RXSV-07
Lab Sample ID: 200-78438-6

Date Collected: 06/20/25 16:15
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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	10	U	10	7.0	ppb v/v			06/26/25 05:29	200
Acetone	1000	U	1000	380	ppb v/v			06/26/25 05:29	200
Isopropyl alcohol	1000	U	1000	440	ppb v/v			06/26/25 05:29	200
Carbon disulfide	100	U	100	36	ppb v/v			06/26/25 05:29	200
3-Chloropropene	100	U	100	16	ppb v/v			06/26/25 05:29	200
Methylene Chloride	100	U	100	38	ppb v/v			06/26/25 05:29	200
tert-Butyl alcohol	1000	U	1000	320	ppb v/v			06/26/25 05:29	200
Methyl tert-butyl ether	**200**		40	13	ppb v/v			06/26/25 05:29	200
trans-1,2-Dichloroethene	**38**	**J**	40	4.0	ppb v/v			06/26/25 05:29	200
n-Hexane	**17000**	**E**	100	32	ppb v/v			06/26/25 05:29	200
1,1-Dichloroethane	40	U	40	3.6	ppb v/v			06/26/25 05:29	200
Methyl Ethyl Ketone (2-Butanone)	100	U	100	28	ppb v/v			06/26/25 05:29	200
cis-1,2-Dichloroethene	10	U	10	6.4	ppb v/v			06/26/25 05:29	200
Chloroform	40	U	40	12	ppb v/v			06/26/25 05:29	200
Tetrahydrofuran	1000	U	1000	340	ppb v/v			06/26/25 05:29	200
1,1,1-Trichloroethane	40	U	40	15	ppb v/v			06/26/25 05:29	200
Cyclohexane	**15000**	**E**	40	10	ppb v/v			06/26/25 05:29	200
Carbon tetrachloride	7.0	U	7.0	4.8	ppb v/v			06/26/25 05:29	200
2,2,4-Trimethylpentane	**12000**	**E**	40	14	ppb v/v			06/26/25 05:29	200
Benzene	**1600**		40	10	ppb v/v			06/26/25 05:29	200
1,2-Dichloroethane	40	U	40	15	ppb v/v			06/26/25 05:29	200
n-Heptane	**4700**		40	17	ppb v/v			06/26/25 05:29	200
Trichloroethene	7.4	U	7.4	5.8	ppb v/v			06/26/25 05:29	200
Methyl methacrylate	100	U	100	26	ppb v/v			06/26/25 05:29	200
1,2-Dichloropropane	40	U	40	11	ppb v/v			06/26/25 05:29	200
1,4-Dioxane	1000	U	1000	38	ppb v/v			06/26/25 05:29	200
Bromodichloromethane	40	U	40	12	ppb v/v			06/26/25 05:29	200
cis-1,3-Dichloropropene	40	U	40	11	ppb v/v			06/26/25 05:29	200
4-Methyl-2-pentanone (Methyl isobutyl ketone)	100	U	100	38	ppb v/v			06/26/25 05:29	200
Toluene	**120**		40	11	ppb v/v			06/26/25 05:29	200
trans-1,3-Dichloropropene	40	U	40	12	ppb v/v			06/26/25 05:29	200
1,1,2-Trichloroethane	40	U	40	11	ppb v/v			06/26/25 05:29	200
Tetrachloroethene	**14**	**J**	40	7.2	ppb v/v			06/26/25 05:29	200
Methyl Butyl Ketone (2-Hexanone)	100	U	100	40	ppb v/v			06/26/25 05:29	200
Dibromochloromethane	40	U	40	11	ppb v/v			06/26/25 05:29	200
1,2-Dibromoethane	40	U	40	9.0	ppb v/v			06/26/25 05:29	200
Chlorobenzene	40	U	40	9.4	ppb v/v			06/26/25 05:29	200
Ethylbenzene	40	U	40	10	ppb v/v			06/26/25 05:29	200
m,p-Xylene	**230**		100	2.8	ppb v/v			06/26/25 05:29	200
o-Xylene	**110**		40	14	ppb v/v			06/26/25 05:29	200
Styrene	40	U	40	11	ppb v/v			06/26/25 05:29	200
Bromoform	40	U	40	12	ppb v/v			06/26/25 05:29	200
Cumene	**360**		40	14	ppb v/v			06/26/25 05:29	200
1,1,2,2-Tetrachloroethane	40	U	40	12	ppb v/v			06/26/25 05:29	200
n-Propylbenzene	**280**		40	12	ppb v/v			06/26/25 05:29	200
4-Ethyltoluene	**150**		40	14	ppb v/v			06/26/25 05:29	200
1,3,5-Trimethylbenzene	**180**		40	14	ppb v/v			06/26/25 05:29	200
2-Chlorotoluene	40	U	40	12	ppb v/v			06/26/25 05:29	200

Client Sample ID: RXSV-07
Lab Sample ID: 200-78438-6

Date Collected: 06/20/25 16:15
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	**21**	**J**	40	14	ppb v/v			06/26/25 05:29	200
1,2,4-Trimethylbenzene	**380**		40	16	ppb v/v			06/26/25 05:29	200
sec-Butylbenzene	**120**		40	14	ppb v/v			06/26/25 05:29	200
4-Isopropyltoluene	40	U	40	16	ppb v/v			06/26/25 05:29	200
1,3-Dichlorobenzene	40	U	40	13	ppb v/v			06/26/25 05:29	200
1,4-Dichlorobenzene	40	U	40	14	ppb v/v			06/26/25 05:29	200
Benzyl chloride	40	U	40	15	ppb v/v			06/26/25 05:29	200
n-Butylbenzene	40	U	40	14	ppb v/v			06/26/25 05:29	200
1,2-Dichlorobenzene	40	U	40	13	ppb v/v			06/26/25 05:29	200
1,2,4-Trichlorobenzene	100	U	100	60	ppb v/v			06/26/25 05:29	200
Hexachlorobutadiene	40	U	40	16	ppb v/v			06/26/25 05:29	200
Naphthalene	76	U	76	22	ppb v/v			06/26/25 05:29	200

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2600	U	2600	1100	ug/m3			06/26/25 06:21	1040
Chlorodifluoromethane	**4100**	**D**	1800	1300	ug/m3			06/26/25 06:21	1040
1,2-Dichlorotetrafluoroethane	1500	U	1500	550	ug/m3			06/26/25 06:21	1040
Chloromethane	1100	U	1100	710	ug/m3			06/26/25 06:21	1040
n-Butane	**24000**	**D**	1200	770	ug/m3			06/26/25 06:21	1040
Vinyl chloride	210	U	210	77	ug/m3			06/26/25 06:21	1040
1,3-Butadiene	460	U	460	92	ug/m3			06/26/25 06:21	1040
Bromomethane	810	U	810	250	ug/m3			06/26/25 06:21	1040
Chloroethane	1400	U	1400	440	ug/m3			06/26/25 06:21	1040
Bromoethene(Vinyl Bromide)	910	U	910	220	ug/m3			06/26/25 06:21	1040
Trichlorofluoromethane	1200	U	1200	450	ug/m3			06/26/25 06:21	1040
1,1,2-Trichlorotrifluoroethane	1600	U	1600	450	ug/m3			06/26/25 06:21	1040
1,1-Dichloroethene	210	U	210	140	ug/m3			06/26/25 06:21	1040
Acetone	12000	U	12000	4700	ug/m3			06/26/25 06:21	1040
Isopropyl alcohol	13000	U	13000	5600	ug/m3			06/26/25 06:21	1040
Carbon disulfide	1600	U	1600	580	ug/m3			06/26/25 06:21	1040
3-Chloropropene	1600	U	1600	260	ug/m3			06/26/25 06:21	1040
Methylene Chloride	1800	U	1800	690	ug/m3			06/26/25 06:21	1040
tert-Butyl alcohol	16000	U	16000	5000	ug/m3			06/26/25 06:21	1040
Methyl tert-butyl ether	750	U	750	250	ug/m3			06/26/25 06:21	1040
trans-1,2-Dichloroethene	820	U	820	82	ug/m3			06/26/25 06:21	1040
n-Hexane	**49000**	**D**	1800	590	ug/m3			06/26/25 06:21	1040
1,1-Dichloroethane	840	U	840	76	ug/m3			06/26/25 06:21	1040
Methyl Ethyl Ketone (2-Butanone)	1500	U	1500	430	ug/m3			06/26/25 06:21	1040
cis-1,2-Dichloroethene	210	U	210	130	ug/m3			06/26/25 06:21	1040
Chloroform	1000	U	1000	300	ug/m3			06/26/25 06:21	1040
Tetrahydrofuran	15000	U	15000	5200	ug/m3			06/26/25 06:21	1040
1,1,1-Trichloroethane	1100	U	1100	410	ug/m3			06/26/25 06:21	1040
Cyclohexane	**43000**	**D**	720	190	ug/m3			06/26/25 06:21	1040
Carbon tetrachloride	230	U	230	160	ug/m3			06/26/25 06:21	1040
2,2,4-Trimethylpentane	**48000**	**D**	970	340	ug/m3			06/26/25 06:21	1040
Benzene	**4100**	**D**	660	170	ug/m3			06/26/25 06:21	1040
1,2-Dichloroethane	840	U	840	310	ug/m3			06/26/25 06:21	1040
n-Heptane	**16000**	**D**	850	370	ug/m3			06/26/25 06:21	1040

Client Sample ID: RXSV-07
Lab Sample ID: 200-78438-6

Date Collected: 06/20/25 16:15
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	210	U	210	160	ug/m3			06/26/25 06:21	1040
Methyl methacrylate	2100	U	2100	550	ug/m3			06/26/25 06:21	1040
1,2-Dichloropropane	960	U	960	260	ug/m3			06/26/25 06:21	1040
1,4-Dioxane	19000	U	19000	710	ug/m3			06/26/25 06:21	1040
Bromodichloromethane	1400	U	1400	400	ug/m3			06/26/25 06:21	1040
cis-1,3-Dichloropropene	940	U	940	260	ug/m3			06/26/25 06:21	1040
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2100	U	2100	810	ug/m3			06/26/25 06:21	1040
Toluene	**360**	**J D**	780	210	ug/m3			06/26/25 06:21	1040
trans-1,3-Dichloropropene	940	U	940	290	ug/m3			06/26/25 06:21	1040
1,1,2-Trichloroethane	1100	U	1100	300	ug/m3			06/26/25 06:21	1040
Tetrachloroethene	1400	U	1400	250	ug/m3			06/26/25 06:21	1040
Methyl Butyl Ketone (2-Hexanone)	2100	U	2100	850	ug/m3			06/26/25 06:21	1040
Dibromochloromethane	1800	U	1800	470	ug/m3			06/26/25 06:21	1040
1,2-Dibromoethane	1600	U	1600	360	ug/m3			06/26/25 06:21	1040
Chlorobenzene	960	U	960	230	ug/m3			06/26/25 06:21	1040
Ethylbenzene	900	U	900	230	ug/m3			06/26/25 06:21	1040
m,p-Xylene	**740**	**J D**	2300	63	ug/m3			06/26/25 06:21	1040
o-Xylene	900	U	900	310	ug/m3			06/26/25 06:21	1040
Styrene	890	U	890	250	ug/m3			06/26/25 06:21	1040
Bromoform	2200	U	2200	620	ug/m3			06/26/25 06:21	1040
Cumene	**1300**	**D**	1000	370	ug/m3			06/26/25 06:21	1040
1,1,2,2-Tetrachloroethane	1400	U	1400	440	ug/m3			06/26/25 06:21	1040
n-Propylbenzene	**960**	**J D**	1000	320	ug/m3			06/26/25 06:21	1040
4-Ethyltoluene	**500**	**J D**	1000	350	ug/m3			06/26/25 06:21	1040
1,3,5-Trimethylbenzene	**600**	**J D**	1000	350	ug/m3			06/26/25 06:21	1040
2-Chlorotoluene	1100	U	1100	310	ug/m3			06/26/25 06:21	1040
tert-Butylbenzene	1100	U	1100	400	ug/m3			06/26/25 06:21	1040
1,2,4-Trimethylbenzene	**1200**	**D**	1000	420	ug/m3			06/26/25 06:21	1040
sec-Butylbenzene	**440**	**J D**	1100	410	ug/m3			06/26/25 06:21	1040
4-Isopropyltoluene	1100	U	1100	450	ug/m3			06/26/25 06:21	1040
1,3-Dichlorobenzene	1300	U	1300	390	ug/m3			06/26/25 06:21	1040
1,4-Dichlorobenzene	1300	U	1300	440	ug/m3			06/26/25 06:21	1040
Benzyl chloride	1100	U	1100	400	ug/m3			06/26/25 06:21	1040
n-Butylbenzene	1100	U	1100	400	ug/m3			06/26/25 06:21	1040
1,2-Dichlorobenzene	1300	U	1300	410	ug/m3			06/26/25 06:21	1040
1,2,4-Trichlorobenzene	3900	U	3900	2300	ug/m3			06/26/25 06:21	1040
Hexachlorobutadiene	2200	U	2200	870	ug/m3			06/26/25 06:21	1040
Naphthalene	2100	U	2100	600	ug/m3			06/26/25 06:21	1040

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	520	U	520	230	ppb v/v			06/26/25 06:21	1040
Chlorodifluoromethane	**1200**	**D**	520	370	ppb v/v			06/26/25 06:21	1040
1,2-Dichlorotetrafluoroethane	210	U	210	79	ppb v/v			06/26/25 06:21	1040
Chloromethane	520	U	520	340	ppb v/v			06/26/25 06:21	1040
n-Butane	**10000**	**D**	520	320	ppb v/v			06/26/25 06:21	1040
Vinyl chloride	81	U	81	30	ppb v/v			06/26/25 06:21	1040
1,3-Butadiene	210	U	210	42	ppb v/v			06/26/25 06:21	1040
Bromomethane	210	U	210	64	ppb v/v			06/26/25 06:21	1040

Client Sample ID: RXSV-07
Lab Sample ID: 200-78438-6

Date Collected: 06/20/25 16:15
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	520	U	520	170	ppb v/v			06/26/25 06:21	1040
Bromoethene(Vinyl Bromide)	210	U	210	50	ppb v/v			06/26/25 06:21	1040
Trichlorofluoromethane	210	U	210	80	ppb v/v			06/26/25 06:21	1040
1,1,2-Trichlorotrifluoroethane	210	U	210	59	ppb v/v			06/26/25 06:21	1040
1,1-Dichloroethene	52	U	52	36	ppb v/v			06/26/25 06:21	1040
Acetone	5200	U	5200	2000	ppb v/v			06/26/25 06:21	1040
Isopropyl alcohol	5200	U	5200	2300	ppb v/v			06/26/25 06:21	1040
Carbon disulfide	520	U	520	190	ppb v/v			06/26/25 06:21	1040
3-Chloropropene	520	U	520	84	ppb v/v			06/26/25 06:21	1040
Methylene Chloride	520	U	520	200	ppb v/v			06/26/25 06:21	1040
tert-Butyl alcohol	5200	U	5200	1700	ppb v/v			06/26/25 06:21	1040
Methyl tert-butyl ether	210	U	210	69	ppb v/v			06/26/25 06:21	1040
trans-1,2-Dichloroethene	210	U	210	21	ppb v/v			06/26/25 06:21	1040
n-Hexane	**14000**	**D**	520	170	ppb v/v			06/26/25 06:21	1040
1,1-Dichloroethane	210	U	210	19	ppb v/v			06/26/25 06:21	1040
Methyl Ethyl Ketone (2-Butanone)	520	U	520	150	ppb v/v			06/26/25 06:21	1040
cis-1,2-Dichloroethene	52	U	52	33	ppb v/v			06/26/25 06:21	1040
Chloroform	210	U	210	61	ppb v/v			06/26/25 06:21	1040
Tetrahydrofuran	5200	U	5200	1800	ppb v/v			06/26/25 06:21	1040
1,1,1-Trichloroethane	210	U	210	76	ppb v/v			06/26/25 06:21	1040
Cyclohexane	**13000**	**D**	210	54	ppb v/v			06/26/25 06:21	1040
Carbon tetrachloride	36	U	36	25	ppb v/v			06/26/25 06:21	1040
2,2,4-Trimethylpentane	**10000**	**D**	210	74	ppb v/v			06/26/25 06:21	1040
Benzene	**1300**	**D**	210	53	ppb v/v			06/26/25 06:21	1040
1,2-Dichloroethane	210	U	210	77	ppb v/v			06/26/25 06:21	1040
n-Heptane	**3800**	**D**	210	89	ppb v/v			06/26/25 06:21	1040
Trichloroethene	39	U	39	30	ppb v/v			06/26/25 06:21	1040
Methyl methacrylate	520	U	520	140	ppb v/v			06/26/25 06:21	1040
1,2-Dichloropropane	210	U	210	57	ppb v/v			06/26/25 06:21	1040
1,4-Dioxane	5200	U	5200	200	ppb v/v			06/26/25 06:21	1040
Bromodichloromethane	210	U	210	60	ppb v/v			06/26/25 06:21	1040
cis-1,3-Dichloropropene	210	U	210	58	ppb v/v			06/26/25 06:21	1040
4-Methyl-2-pentanone (Methyl isobutyl ketone)	520	U	520	200	ppb v/v			06/26/25 06:21	1040
Toluene	**97**	**J D**	210	56	ppb v/v			06/26/25 06:21	1040
trans-1,3-Dichloropropene	210	U	210	64	ppb v/v			06/26/25 06:21	1040
1,1,2-Trichloroethane	210	U	210	55	ppb v/v			06/26/25 06:21	1040
Tetrachloroethene	210	U	210	37	ppb v/v			06/26/25 06:21	1040
Methyl Butyl Ketone (2-Hexanone)	520	U	520	210	ppb v/v			06/26/25 06:21	1040
Dibromochloromethane	210	U	210	55	ppb v/v			06/26/25 06:21	1040
1,2-Dibromoethane	210	U	210	47	ppb v/v			06/26/25 06:21	1040
Chlorobenzene	210	U	210	49	ppb v/v			06/26/25 06:21	1040
Ethylbenzene	210	U	210	53	ppb v/v			06/26/25 06:21	1040
m,p-Xylene	**170**	**J D**	520	15	ppb v/v			06/26/25 06:21	1040
o-Xylene	210	U	210	72	ppb v/v			06/26/25 06:21	1040
Styrene	210	U	210	58	ppb v/v			06/26/25 06:21	1040
Bromoform	210	U	210	60	ppb v/v			06/26/25 06:21	1040
Cumene	**260**	**D**	210	75	ppb v/v			06/26/25 06:21	1040
1,1,2,2-Tetrachloroethane	210	U	210	63	ppb v/v			06/26/25 06:21	1040

Client Sample ID: RXSV-07
Lab Sample ID: 200-78438-6

Date Collected: 06/20/25 16:15
Matrix: Air
Date Received: 06/23/25 09:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Propylbenzene	**200**	**J D**	210	64	ppb v/v			06/26/25 06:21	1040
4-Ethyltoluene	**100**	**J D**	210	71	ppb v/v			06/26/25 06:21	1040
1,3,5-Trimethylbenzene	**120**	**J D**	210	71	ppb v/v			06/26/25 06:21	1040
2-Chlorotoluene	210	U	210	60	ppb v/v			06/26/25 06:21	1040
tert-Butylbenzene	210	U	210	73	ppb v/v			06/26/25 06:21	1040
1,2,4-Trimethylbenzene	**240**	**D**	210	85	ppb v/v			06/26/25 06:21	1040
sec-Butylbenzene	**80**	**J D**	210	75	ppb v/v			06/26/25 06:21	1040
4-Isopropyltoluene	210	U	210	81	ppb v/v			06/26/25 06:21	1040
1,3-Dichlorobenzene	210	U	210	66	ppb v/v			06/26/25 06:21	1040
1,4-Dichlorobenzene	210	U	210	73	ppb v/v			06/26/25 06:21	1040
Benzyl chloride	210	U	210	77	ppb v/v			06/26/25 06:21	1040
n-Butylbenzene	210	U	210	73	ppb v/v			06/26/25 06:21	1040
1,2-Dichlorobenzene	210	U	210	69	ppb v/v			06/26/25 06:21	1040
1,2,4-Trichlorobenzene	520	U	520	310	ppb v/v			06/26/25 06:21	1040
Hexachlorobutadiene	210	U	210	81	ppb v/v			06/26/25 06:21	1040
Naphthalene	400	U	400	110	ppb v/v			06/26/25 06:21	1040

Default Detection Limits

Client: Roux Environmental Eng & Geology DPC
Job ID: 200-78438-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

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

Analyte	RL	MDL
1,1,1-Trichloroethane	1.1 ug/m3	0.40 ug/m3
1,1,1-Trichloroethane	0.20 ppb v/v	0.073 ppb v/v
1,1,2,2-Tetrachloroethane	1.4 ug/m3	0.42 ug/m3
1,1,2,2-Tetrachloroethane	0.20 ppb v/v	0.061 ppb v/v
1,1,2-Trichloroethane	1.1 ug/m3	0.29 ug/m3
1,1,2-Trichloroethane	0.20 ppb v/v	0.053 ppb v/v
1,1,2-Trichlorotrifluoroethane	1.5 ug/m3	0.44 ug/m3
1,1,2-Trichlorotrifluoroethane	0.20 ppb v/v	0.057 ppb v/v
1,1-Dichloroethane	0.81 ug/m3	0.073 ug/m3
1,1-Dichloroethane	0.20 ppb v/v	0.018 ppb v/v
1,1-Dichloroethene	0.20 ug/m3	0.14 ug/m3
1,1-Dichloroethene	0.050 ppb v/v	0.035 ppb v/v
1,2,4-Trichlorobenzene	3.7 ug/m3	2.2 ug/m3
1,2,4-Trichlorobenzene	0.50 ppb v/v	0.30 ppb v/v
1,2,4-Trimethylbenzene	0.98 ug/m3	0.40 ug/m3
1,2,4-Trimethylbenzene	0.20 ppb v/v	0.082 ppb v/v
1,2-Dibromoethane	1.5 ug/m3	0.35 ug/m3
1,2-Dibromoethane	0.20 ppb v/v	0.045 ppb v/v
1,2-Dichlorobenzene	1.2 ug/m3	0.40 ug/m3
1,2-Dichlorobenzene	0.20 ppb v/v	0.066 ppb v/v
1,2-Dichloroethane	0.81 ug/m3	0.30 ug/m3
1,2-Dichloroethane	0.20 ppb v/v	0.074 ppb v/v
1,2-Dichloropropane	0.92 ug/m3	0.25 ug/m3
1,2-Dichloropropane	0.20 ppb v/v	0.055 ppb v/v
1,2-Dichlorotetrafluoroethane	1.4 ug/m3	0.53 ug/m3
1,2-Dichlorotetrafluoroethane	0.20 ppb v/v	0.076 ppb v/v
1,3,5-Trimethylbenzene	0.98 ug/m3	0.33 ug/m3
1,3,5-Trimethylbenzene	0.20 ppb v/v	0.068 ppb v/v
1,3-Butadiene	0.44 ug/m3	0.088 ug/m3
1,3-Butadiene	0.20 ppb v/v	0.040 ppb v/v
1,3-Dichlorobenzene	1.2 ug/m3	0.38 ug/m3
1,3-Dichlorobenzene	0.20 ppb v/v	0.063 ppb v/v
1,4-Dichlorobenzene	1.2 ug/m3	0.42 ug/m3
1,4-Dichlorobenzene	0.20 ppb v/v	0.070 ppb v/v
1,4-Dioxane	18 ug/m3	0.68 ug/m3
1,4-Dioxane	5.0 ppb v/v	0.19 ppb v/v
2,2,4-Trimethylpentane	0.93 ug/m3	0.33 ug/m3
2,2,4-Trimethylpentane	0.20 ppb v/v	0.071 ppb v/v
2-Chlorotoluene	1.0 ug/m3	0.30 ug/m3
2-Chlorotoluene	0.20 ppb v/v	0.058 ppb v/v
3-Chloropropene	1.6 ug/m3	0.25 ug/m3
3-Chloropropene	0.50 ppb v/v	0.081 ppb v/v
4-Ethyltoluene	0.98 ug/m3	0.33 ug/m3
4-Ethyltoluene	0.20 ppb v/v	0.068 ppb v/v
4-Isopropyltoluene	1.1 ug/m3	0.43 ug/m3
4-Isopropyltoluene	0.20 ppb v/v	0.078 ppb v/v
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0 ug/m3	0.78 ug/m3
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50 ppb v/v	0.19 ppb v/v
Acetone	12 ug/m3	4.5 ug/m3
Acetone	5.0 ppb v/v	1.9 ppb v/v
Benzene	0.64 ug/m3	0.16 ug/m3
Benzene	0.20 ppb v/v	0.051 ppb v/v
Benzyl chloride	1.0 ug/m3	0.38 ug/m3

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

Analyte	RL	MDL
Benzyl chloride	0.20 ppb v/v	0.074 ppb v/v
Bromodichloromethane	1.3 ug/m3	0.39 ug/m3
Bromodichloromethane	0.20 ppb v/v	0.058 ppb v/v
Bromoethene(Vinyl Bromide)	0.87 ug/m3	0.21 ug/m3
Bromoethene(Vinyl Bromide)	0.20 ppb v/v	0.048 ppb v/v
Bromoform	2.1 ug/m3	0.60 ug/m3
Bromoform	0.20 ppb v/v	0.058 ppb v/v
Bromomethane	0.78 ug/m3	0.24 ug/m3
Bromomethane	0.20 ppb v/v	0.062 ppb v/v
Carbon disulfide	1.6 ug/m3	0.56 ug/m3
Carbon disulfide	0.50 ppb v/v	0.18 ppb v/v
Carbon tetrachloride	0.22 ug/m3	0.15 ug/m3
Carbon tetrachloride	0.035 ppb v/v	0.024 ppb v/v
Chlorobenzene	0.92 ug/m3	0.22 ug/m3
Chlorobenzene	0.20 ppb v/v	0.047 ppb v/v
Chlorodifluoromethane	1.8 ug/m3	1.3 ug/m3
Chlorodifluoromethane	0.50 ppb v/v	0.36 ppb v/v
Chloroethane	1.3 ug/m3	0.42 ug/m3
Chloroethane	0.50 ppb v/v	0.16 ppb v/v
Chloroform	0.98 ug/m3	0.29 ug/m3
Chloroform	0.20 ppb v/v	0.059 ppb v/v
Chloromethane	1.0 ug/m3	0.68 ug/m3
Chloromethane	0.50 ppb v/v	0.33 ppb v/v
cis-1,2-Dichloroethene	0.20 ug/m3	0.13 ug/m3
cis-1,2-Dichloroethene	0.050 ppb v/v	0.032 ppb v/v
cis-1,3-Dichloropropene	0.91 ug/m3	0.25 ug/m3
cis-1,3-Dichloropropene	0.20 ppb v/v	0.056 ppb v/v
Cumene	0.98 ug/m3	0.35 ug/m3
Cumene	0.20 ppb v/v	0.072 ppb v/v
Cyclohexane	0.69 ug/m3	0.18 ug/m3
Cyclohexane	0.20 ppb v/v	0.052 ppb v/v
Dibromochloromethane	1.7 ug/m3	0.45 ug/m3
Dibromochloromethane	0.20 ppb v/v	0.053 ppb v/v
Dichlorodifluoromethane	2.5 ug/m3	1.1 ug/m3
Dichlorodifluoromethane	0.50 ppb v/v	0.22 ppb v/v
Ethylbenzene	0.87 ug/m3	0.22 ug/m3
Ethylbenzene	0.20 ppb v/v	0.051 ppb v/v
Hexachlorobutadiene	2.1 ug/m3	0.83 ug/m3
Hexachlorobutadiene	0.20 ppb v/v	0.078 ppb v/v
Isopropyl alcohol	12 ug/m3	5.4 ug/m3
Isopropyl alcohol	5.0 ppb v/v	2.2 ppb v/v
m,p-Xylene	2.2 ug/m3	0.061 ug/m3
m,p-Xylene	0.50 ppb v/v	0.014 ppb v/v
Methyl Butyl Ketone (2-Hexanone)	2.0 ug/m3	0.82 ug/m3
Methyl Butyl Ketone (2-Hexanone)	0.50 ppb v/v	0.20 ppb v/v
Methyl Ethyl Ketone (2-Butanone)	1.5 ug/m3	0.41 ug/m3
Methyl Ethyl Ketone (2-Butanone)	0.50 ppb v/v	0.14 ppb v/v
Methyl methacrylate	2.0 ug/m3	0.53 ug/m3
Methyl methacrylate	0.50 ppb v/v	0.13 ppb v/v
Methyl tert-butyl ether	0.72 ug/m3	0.24 ug/m3
Methyl tert-butyl ether	0.20 ppb v/v	0.066 ppb v/v
Methylene Chloride	1.7 ug/m3	0.66 ug/m3
Methylene Chloride	0.50 ppb v/v	0.19 ppb v/v

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

Analyte	RL	MDL
Naphthalene	2.0 ug/m3	0.58 ug/m3
Naphthalene	0.38 ppb v/v	0.11 ppb v/v
n-Butane	1.2 ug/m3	0.74 ug/m3
n-Butane	0.50 ppb v/v	0.31 ppb v/v
n-Butylbenzene	1.1 ug/m3	0.38 ug/m3
n-Butylbenzene	0.20 ppb v/v	0.070 ppb v/v
n-Heptane	0.82 ug/m3	0.35 ug/m3
n-Heptane	0.20 ppb v/v	0.086 ppb v/v
n-Hexane	1.8 ug/m3	0.56 ug/m3
n-Hexane	0.50 ppb v/v	0.16 ppb v/v
n-Propylbenzene	0.98 ug/m3	0.30 ug/m3
n-Propylbenzene	0.20 ppb v/v	0.062 ppb v/v
o-Xylene	0.87 ug/m3	0.30 ug/m3
o-Xylene	0.20 ppb v/v	0.069 ppb v/v
sec-Butylbenzene	1.1 ug/m3	0.40 ug/m3
sec-Butylbenzene	0.20 ppb v/v	0.072 ppb v/v
Styrene	0.85 ug/m3	0.24 ug/m3
Styrene	0.20 ppb v/v	0.056 ppb v/v
tert-Butyl alcohol	15 ug/m3	4.9 ug/m3
tert-Butyl alcohol	5.0 ppb v/v	1.6 ppb v/v
tert-Butylbenzene	1.1 ug/m3	0.38 ug/m3
tert-Butylbenzene	0.20 ppb v/v	0.070 ppb v/v
Tetrachloroethene	1.4 ug/m3	0.24 ug/m3
Tetrachloroethene	0.20 ppb v/v	0.036 ppb v/v
Tetrahydrofuran	15 ug/m3	5.0 ug/m3
Tetrahydrofuran	5.0 ppb v/v	1.7 ppb v/v
Toluene	0.75 ug/m3	0.20 ug/m3
Toluene	0.20 ppb v/v	0.054 ppb v/v
trans-1,2-Dichloroethene	0.79 ug/m3	0.079 ug/m3
trans-1,2-Dichloroethene	0.20 ppb v/v	0.020 ppb v/v
trans-1,3-Dichloropropene	0.91 ug/m3	0.28 ug/m3
trans-1,3-Dichloropropene	0.20 ppb v/v	0.062 ppb v/v
Trichloroethene	0.20 ug/m3	0.16 ug/m3
Trichloroethene	0.037 ppb v/v	0.029 ppb v/v
Trichlorofluoromethane	1.1 ug/m3	0.43 ug/m3
Trichlorofluoromethane	0.20 ppb v/v	0.077 ppb v/v
Vinyl chloride	0.20 ug/m3	0.074 ug/m3
Vinyl chloride	0.078 ppb v/v	0.029 ppb v/v

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

Lab Sample ID: MB 200-217778/5
Matrix: Air
Analysis Batch: 217778

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	1.1	ug/m3			06/24/25 13:45	1
Chlorodifluoromethane	1.8	U	1.8	1.3	ug/m3			06/24/25 13:45	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.53	ug/m3			06/24/25 13:45	1
Chloromethane	1.0	U	1.0	0.68	ug/m3			06/24/25 13:45	1
n-Butane	1.2	U	1.2	0.74	ug/m3			06/24/25 13:45	1
Vinyl chloride	0.20	U	0.20	0.074	ug/m3			06/24/25 13:45	1
1,3-Butadiene	0.44	U	0.44	0.088	ug/m3			06/24/25 13:45	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			06/24/25 13:45	1
Chloroethane	1.3	U	1.3	0.42	ug/m3			06/24/25 13:45	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.21	ug/m3			06/24/25 13:45	1
Trichlorofluoromethane	1.1	U	1.1	0.43	ug/m3			06/24/25 13:45	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.44	ug/m3			06/24/25 13:45	1
1,1-Dichloroethene	0.20	U	0.20	0.14	ug/m3			06/24/25 13:45	1
Acetone	12	U	12	4.5	ug/m3			06/24/25 13:45	1
Isopropyl alcohol	12	U	12	5.4	ug/m3			06/24/25 13:45	1
Carbon disulfide	1.6	U	1.6	0.56	ug/m3			06/24/25 13:45	1
3-Chloropropene	1.6	U	1.6	0.25	ug/m3			06/24/25 13:45	1
Methylene Chloride	1.7	U	1.7	0.66	ug/m3			06/24/25 13:45	1
tert-Butyl alcohol	15	U	15	4.9	ug/m3			06/24/25 13:45	1
Methyl tert-butyl ether	0.72	U	0.72	0.24	ug/m3			06/24/25 13:45	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.079	ug/m3			06/24/25 13:45	1
n-Hexane	1.8	U	1.8	0.56	ug/m3			06/24/25 13:45	1
1,1-Dichloroethane	0.81	U	0.81	0.073	ug/m3			06/24/25 13:45	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	0.41	ug/m3			06/24/25 13:45	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			06/24/25 13:45	1
Chloroform	0.98	U	0.98	0.29	ug/m3			06/24/25 13:45	1
Tetrahydrofuran	15	U	15	5.0	ug/m3			06/24/25 13:45	1
1,1,1-Trichloroethane	1.1	U	1.1	0.40	ug/m3			06/24/25 13:45	1
Cyclohexane	0.69	U	0.69	0.18	ug/m3			06/24/25 13:45	1
Carbon tetrachloride	0.22	U	0.22	0.15	ug/m3			06/24/25 13:45	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.33	ug/m3			06/24/25 13:45	1
Benzene	0.64	U	0.64	0.16	ug/m3			06/24/25 13:45	1
1,2-Dichloroethane	0.81	U	0.81	0.30	ug/m3			06/24/25 13:45	1
n-Heptane	0.82	U	0.82	0.35	ug/m3			06/24/25 13:45	1
Trichloroethene	0.20	U	0.20	0.16	ug/m3			06/24/25 13:45	1
Methyl methacrylate	2.0	U	2.0	0.53	ug/m3			06/24/25 13:45	1
1,2-Dichloropropane	0.92	U	0.92	0.25	ug/m3			06/24/25 13:45	1
1,4-Dioxane	18	U	18	0.68	ug/m3			06/24/25 13:45	1
Bromodichloromethane	1.3	U	1.3	0.39	ug/m3			06/24/25 13:45	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			06/24/25 13:45	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.78	ug/m3			06/24/25 13:45	1
Toluene	0.75	U	0.75	0.20	ug/m3			06/24/25 13:45	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.28	ug/m3			06/24/25 13:45	1
1,1,2-Trichloroethane	1.1	U	1.1	0.29	ug/m3			06/24/25 13:45	1
Tetrachloroethene	1.4	U	1.4	0.24	ug/m3			06/24/25 13:45	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			06/24/25 13:45	1
Dibromochloromethane	1.7	U	1.7	0.45	ug/m3			06/24/25 13:45	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			06/24/25 13:45	1

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

Lab Sample ID: MB 200-217778/5
Matrix: Air
Analysis Batch: 217778

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.22	ug/m3			06/24/25 13:45	1
Ethylbenzene	0.87	U	0.87	0.22	ug/m3			06/24/25 13:45	1
m,p-Xylene	2.2	U	2.2	0.061	ug/m3			06/24/25 13:45	1
o-Xylene	0.87	U	0.87	0.30	ug/m3			06/24/25 13:45	1
Styrene	0.85	U	0.85	0.24	ug/m3			06/24/25 13:45	1
Bromoform	2.1	U	2.1	0.60	ug/m3			06/24/25 13:45	1
Cumene	0.98	U	0.98	0.35	ug/m3			06/24/25 13:45	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.42	ug/m3			06/24/25 13:45	1
n-Propylbenzene	0.98	U	0.98	0.30	ug/m3			06/24/25 13:45	1
4-Ethyltoluene	0.98	U	0.98	0.33	ug/m3			06/24/25 13:45	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.33	ug/m3			06/24/25 13:45	1
2-Chlorotoluene	1.0	U	1.0	0.30	ug/m3			06/24/25 13:45	1
tert-Butylbenzene	1.1	U	1.1	0.38	ug/m3			06/24/25 13:45	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.40	ug/m3			06/24/25 13:45	1
sec-Butylbenzene	1.1	U	1.1	0.40	ug/m3			06/24/25 13:45	1
4-Isopropyltoluene	1.1	U	1.1	0.43	ug/m3			06/24/25 13:45	1
1,3-Dichlorobenzene	1.2	U	1.2	0.38	ug/m3			06/24/25 13:45	1
1,4-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			06/24/25 13:45	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			06/24/25 13:45	1
n-Butylbenzene	1.1	U	1.1	0.38	ug/m3			06/24/25 13:45	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			06/24/25 13:45	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.2	ug/m3			06/24/25 13:45	1
Hexachlorobutadiene	2.1	U	2.1	0.83	ug/m3			06/24/25 13:45	1
Naphthalene	2.0	U	2.0	0.58	ug/m3			06/24/25 13:45	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.22	ppb v/v			06/24/25 13:45	1
Chlorodifluoromethane	0.50	U	0.50	0.36	ppb v/v			06/24/25 13:45	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.076	ppb v/v			06/24/25 13:45	1
Chloromethane	0.50	U	0.50	0.33	ppb v/v			06/24/25 13:45	1
n-Butane	0.50	U	0.50	0.31	ppb v/v			06/24/25 13:45	1
Vinyl chloride	0.078	U	0.078	0.029	ppb v/v			06/24/25 13:45	1
1,3-Butadiene	0.20	U	0.20	0.040	ppb v/v			06/24/25 13:45	1
Bromomethane	0.20	U	0.20	0.062	ppb v/v			06/24/25 13:45	1
Chloroethane	0.50	U	0.50	0.16	ppb v/v			06/24/25 13:45	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.048	ppb v/v			06/24/25 13:45	1
Trichlorofluoromethane	0.20	U	0.20	0.077	ppb v/v			06/24/25 13:45	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.057	ppb v/v			06/24/25 13:45	1
1,1-Dichloroethene	0.050	U	0.050	0.035	ppb v/v			06/24/25 13:45	1
Acetone	5.0	U	5.0	1.9	ppb v/v			06/24/25 13:45	1
Isopropyl alcohol	5.0	U	5.0	2.2	ppb v/v			06/24/25 13:45	1
Carbon disulfide	0.50	U	0.50	0.18	ppb v/v			06/24/25 13:45	1
3-Chloropropene	0.50	U	0.50	0.081	ppb v/v			06/24/25 13:45	1
Methylene Chloride	0.50	U	0.50	0.19	ppb v/v			06/24/25 13:45	1
tert-Butyl alcohol	5.0	U	5.0	1.6	ppb v/v			06/24/25 13:45	1
Methyl tert-butyl ether	0.20	U	0.20	0.066	ppb v/v			06/24/25 13:45	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.020	ppb v/v			06/24/25 13:45	1
n-Hexane	0.50	U	0.50	0.16	ppb v/v			06/24/25 13:45	1
1,1-Dichloroethane	0.20	U	0.20	0.018	ppb v/v			06/24/25 13:45	1

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

Lab Sample ID: MB 200-217778/5
Matrix: Air
Analysis Batch: 217778

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.14	ppb v/v			06/24/25 13:45	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.032	ppb v/v			06/24/25 13:45	1
Chloroform	0.20	U	0.20	0.059	ppb v/v			06/24/25 13:45	1
Tetrahydrofuran	5.0	U	5.0	1.7	ppb v/v			06/24/25 13:45	1
1,1,1-Trichloroethane	0.20	U	0.20	0.073	ppb v/v			06/24/25 13:45	1
Cyclohexane	0.20	U	0.20	0.052	ppb v/v			06/24/25 13:45	1
Carbon tetrachloride	0.035	U	0.035	0.024	ppb v/v			06/24/25 13:45	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.071	ppb v/v			06/24/25 13:45	1
Benzene	0.20	U	0.20	0.051	ppb v/v			06/24/25 13:45	1
1,2-Dichloroethane	0.20	U	0.20	0.074	ppb v/v			06/24/25 13:45	1
n-Heptane	0.20	U	0.20	0.086	ppb v/v			06/24/25 13:45	1
Trichloroethene	0.037	U	0.037	0.029	ppb v/v			06/24/25 13:45	1
Methyl methacrylate	0.50	U	0.50	0.13	ppb v/v			06/24/25 13:45	1
1,2-Dichloropropane	0.20	U	0.20	0.055	ppb v/v			06/24/25 13:45	1
1,4-Dioxane	5.0	U	5.0	0.19	ppb v/v			06/24/25 13:45	1
Bromodichloromethane	0.20	U	0.20	0.058	ppb v/v			06/24/25 13:45	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.056	ppb v/v			06/24/25 13:45	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.19	ppb v/v			06/24/25 13:45	1
Toluene	0.20	U	0.20	0.054	ppb v/v			06/24/25 13:45	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.062	ppb v/v			06/24/25 13:45	1
1,1,2-Trichloroethane	0.20	U	0.20	0.053	ppb v/v			06/24/25 13:45	1
Tetrachloroethene	0.20	U	0.20	0.036	ppb v/v			06/24/25 13:45	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			06/24/25 13:45	1
Dibromochloromethane	0.20	U	0.20	0.053	ppb v/v			06/24/25 13:45	1
1,2-Dibromoethane	0.20	U	0.20	0.045	ppb v/v			06/24/25 13:45	1
Chlorobenzene	0.20	U	0.20	0.047	ppb v/v			06/24/25 13:45	1
Ethylbenzene	0.20	U	0.20	0.051	ppb v/v			06/24/25 13:45	1
m,p-Xylene	0.50	U	0.50	0.014	ppb v/v			06/24/25 13:45	1
o-Xylene	0.20	U	0.20	0.069	ppb v/v			06/24/25 13:45	1
Styrene	0.20	U	0.20	0.056	ppb v/v			06/24/25 13:45	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			06/24/25 13:45	1
Cumene	0.20	U	0.20	0.072	ppb v/v			06/24/25 13:45	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.061	ppb v/v			06/24/25 13:45	1
n-Propylbenzene	0.20	U	0.20	0.062	ppb v/v			06/24/25 13:45	1
4-Ethyltoluene	0.20	U	0.20	0.068	ppb v/v			06/24/25 13:45	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.068	ppb v/v			06/24/25 13:45	1
2-Chlorotoluene	0.20	U	0.20	0.058	ppb v/v			06/24/25 13:45	1
tert-Butylbenzene	0.20	U	0.20	0.070	ppb v/v			06/24/25 13:45	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.082	ppb v/v			06/24/25 13:45	1
sec-Butylbenzene	0.20	U	0.20	0.072	ppb v/v			06/24/25 13:45	1
4-Isopropyltoluene	0.20	U	0.20	0.078	ppb v/v			06/24/25 13:45	1
1,3-Dichlorobenzene	0.20	U	0.20	0.063	ppb v/v			06/24/25 13:45	1
1,4-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			06/24/25 13:45	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			06/24/25 13:45	1
n-Butylbenzene	0.20	U	0.20	0.070	ppb v/v			06/24/25 13:45	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			06/24/25 13:45	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.30	ppb v/v			06/24/25 13:45	1
Hexachlorobutadiene	0.20	U	0.20	0.078	ppb v/v			06/24/25 13:45	1

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

Lab Sample ID: MB 200-217778/5
Matrix: Air
Analysis Batch: 217778

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.38	U	0.38	0.11	ppb v/v			06/24/25 13:45	1

Lab Sample ID: LCS 200-217778/3
Matrix: Air
Analysis Batch: 217778

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	50.1		ug/m3		101	61 - 142
Chlorodifluoromethane	35.4	35.5		ug/m3		101	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	68.2		ug/m3		98	71 - 141
Chloromethane	20.6	20.9		ug/m3		101	56 - 141
n-Butane	23.8	24.6		ug/m3		103	53 - 151
Vinyl chloride	25.6	24.1		ug/m3		94	61 - 135
1,3-Butadiene	22.1	19.5		ug/m3		88	58 - 139
Bromomethane	38.8	37.7		ug/m3		97	72 - 124
Chloroethane	26.4	26.0		ug/m3		99	68 - 130
Bromoethene(Vinyl Bromide)	43.7	43.5		ug/m3		99	75 - 125
Trichlorofluoromethane	56.2	54.5		ug/m3		97	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	74.3		ug/m3		97	70 - 121
1,1-Dichloroethene	39.6	39.0		ug/m3		98	68 - 120
Acetone	23.7	25.4		ug/m3		107	54 - 154
Isopropyl alcohol	24.6	30.4		ug/m3		124	53 - 142
Carbon disulfide	31.1	31.0		ug/m3		100	71 - 138
3-Chloropropene	31.3	28.8		ug/m3		92	50 - 150
Methylene Chloride	34.7	33.9		ug/m3		98	59 - 137
tert-Butyl alcohol	30.3	32.7		ug/m3		108	66 - 132
Methyl tert-butyl ether	36.0	39.3		ug/m3		109	70 - 127
trans-1,2-Dichloroethene	39.6	40.0		ug/m3		101	69 - 137
n-Hexane	35.2	38.1		ug/m3		108	63 - 138
1,1-Dichloroethane	40.5	39.5		ug/m3		98	66 - 130
Methyl Ethyl Ketone (2-Butanone)	29.5	32.0		ug/m3		108	72 - 124
cis-1,2-Dichloroethene	39.6	40.8		ug/m3		103	72 - 121
Chloroform	48.8	48.0		ug/m3		98	73 - 124
Tetrahydrofuran	29.5	31.1		ug/m3		105	60 - 149
1,1,1-Trichloroethane	54.6	53.0		ug/m3		97	72 - 127
Cyclohexane	34.4	36.9		ug/m3		107	76 - 124
Carbon tetrachloride	62.9	63.2		ug/m3		100	71 - 133
2,2,4-Trimethylpentane	46.7	50.5		ug/m3		108	68 - 131
Benzene	31.9	31.8		ug/m3		100	73 - 119
1,2-Dichloroethane	40.5	40.6		ug/m3		100	68 - 135
n-Heptane	41.0	44.7		ug/m3		109	60 - 142
Trichloroethene	53.7	52.2		ug/m3		97	73 - 122
Methyl methacrylate	40.9	44.6		ug/m3		109	73 - 129
1,2-Dichloropropane	46.2	45.8		ug/m3		99	69 - 128
1,4-Dioxane	36.0	41.7		ug/m3		116	66 - 129
Bromodichloromethane	67.0	66.6		ug/m3		99	75 - 127
cis-1,3-Dichloropropene	45.4	49.0		ug/m3		108	74 - 125

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

Lab Sample ID: LCS 200-217778/3
Matrix: Air
Analysis Batch: 217778

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	44.3		ug/m3		108	58 - 144
Toluene	37.7	39.3		ug/m3		104	75 - 122
trans-1,3-Dichloropropene	45.4	48.8		ug/m3		108	74 - 128
1,1,2-Trichloroethane	54.6	52.9		ug/m3		97	75 - 126
Tetrachloroethene	67.8	65.2		ug/m3		96	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	44.4		ug/m3		108	57 - 143
Dibromochloromethane	85.2	82.5		ug/m3		97	73 - 125
1,2-Dibromoethane	76.8	77.5		ug/m3		101	78 - 122
Chlorobenzene	46.0	44.3		ug/m3		96	76 - 119
Ethylbenzene	43.4	45.0		ug/m3		104	74 - 122
m,p-Xylene	86.8	90.8		ug/m3		105	76 - 121
o-Xylene	43.4	46.9		ug/m3		108	73 - 123
Styrene	42.6	46.7		ug/m3		110	74 - 125
Bromoform	103	96.2		ug/m3		93	53 - 149
Cumene	49.1	53.3		ug/m3		108	73 - 123
1,1,2,2-Tetrachloroethane	68.6	64.6		ug/m3		94	74 - 126
n-Propylbenzene	49.1	51.6		ug/m3		105	73 - 127
4-Ethyltoluene	49.2	52.3		ug/m3		106	75 - 129
1,3,5-Trimethylbenzene	49.2	51.5		ug/m3		105	72 - 126
2-Chlorotoluene	51.8	52.8		ug/m3		102	74 - 126
tert-Butylbenzene	54.9	57.6		ug/m3		105	71 - 125
1,2,4-Trimethylbenzene	49.2	52.8		ug/m3		107	71 - 129
sec-Butylbenzene	54.9	58.3		ug/m3		106	70 - 128
4-Isopropyltoluene	54.9	59.6		ug/m3		109	68 - 130
1,3-Dichlorobenzene	60.1	59.8		ug/m3		99	69 - 131
1,4-Dichlorobenzene	60.1	60.8		ug/m3		101	67 - 132
Benzyl chloride	51.8	55.2		ug/m3		107	60 - 136
n-Butylbenzene	54.9	61.0		ug/m3		111	65 - 137
1,2-Dichlorobenzene	60.1	60.1		ug/m3		100	68 - 129
1,2,4-Trichlorobenzene	74.2	94.1		ug/m3		127	50 - 150
Hexachlorobutadiene	107	116		ug/m3		108	58 - 130
Naphthalene	52.4	75.4		ug/m3		144	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10	10.1		ppb v/v		101	61 - 142
Chlorodifluoromethane	10	10.0		ppb v/v		101	60 - 147
1,2-Dichlorotetrafluoroethane	10	9.75		ppb v/v		98	71 - 141
Chloromethane	10	10.1		ppb v/v		101	56 - 141
n-Butane	10	10.3		ppb v/v		103	53 - 151
Vinyl chloride	10	9.43		ppb v/v		94	61 - 135
1,3-Butadiene	10	8.82		ppb v/v		88	58 - 139
Bromomethane	10	9.72		ppb v/v		97	72 - 124
Chloroethane	10	9.86		ppb v/v		99	68 - 130
Bromoethene(Vinyl Bromide)	10	9.94		ppb v/v		99	75 - 125
Trichlorofluoromethane	10	9.69		ppb v/v		97	70 - 129
1,1,2-Trichlorotrifluoroethane	10	9.69		ppb v/v		97	70 - 121
1,1-Dichloroethene	10	9.83		ppb v/v		98	68 - 120

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

Lab Sample ID: LCS 200-217778/3
Matrix: Air
Analysis Batch: 217778

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	10	10.7		ppb v/v		107	54 - 154
Isopropyl alcohol	10	12.4		ppb v/v		124	53 - 142
Carbon disulfide	10	9.96		ppb v/v		100	71 - 138
3-Chloropropene	10	9.19		ppb v/v		92	50 - 150
Methylene Chloride	10	9.77		ppb v/v		98	59 - 137
tert-Butyl alcohol	10	10.8		ppb v/v		108	66 - 132
Methyl tert-butyl ether	10	10.9		ppb v/v		109	70 - 127
trans-1,2-Dichloroethene	10	10.1		ppb v/v		101	69 - 137
n-Hexane	10	10.8		ppb v/v		108	63 - 138
1,1-Dichloroethane	10	9.76		ppb v/v		98	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	10.8		ppb v/v		108	72 - 124
cis-1,2-Dichloroethene	10	10.3		ppb v/v		103	72 - 121
Chloroform	10	9.83		ppb v/v		98	73 - 124
Tetrahydrofuran	10	10.5		ppb v/v		105	60 - 149
1,1,1-Trichloroethane	10	9.72		ppb v/v		97	72 - 127
Cyclohexane	10	10.7		ppb v/v		107	76 - 124
Carbon tetrachloride	10	10.0		ppb v/v		100	71 - 133
2,2,4-Trimethylpentane	10	10.8		ppb v/v		108	68 - 131
Benzene	10	9.97		ppb v/v		100	73 - 119
1,2-Dichloroethane	10	10.0		ppb v/v		100	68 - 135
n-Heptane	10	10.9		ppb v/v		109	60 - 142
Trichloroethene	10	9.71		ppb v/v		97	73 - 122
Methyl methacrylate	10	10.9		ppb v/v		109	73 - 129
1,2-Dichloropropane	10	9.90		ppb v/v		99	69 - 128
1,4-Dioxane	10	11.6		ppb v/v		116	66 - 129
Bromodichloromethane	10	9.95		ppb v/v		99	75 - 127
cis-1,3-Dichloropropene	10	10.8		ppb v/v		108	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	10.8		ppb v/v		108	58 - 144
Toluene	10	10.4		ppb v/v		104	75 - 122
trans-1,3-Dichloropropene	10	10.8		ppb v/v		108	74 - 128
1,1,2-Trichloroethane	10	9.69		ppb v/v		97	75 - 126
Tetrachloroethene	10	9.62		ppb v/v		96	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	10.8		ppb v/v		108	57 - 143
Dibromochloromethane	10	9.69		ppb v/v		97	73 - 125
1,2-Dibromoethane	10	10.1		ppb v/v		101	78 - 122
Chlorobenzene	10	9.63		ppb v/v		96	76 - 119
Ethylbenzene	10	10.4		ppb v/v		104	74 - 122
m,p-Xylene	20	20.9		ppb v/v		105	76 - 121
o-Xylene	10	10.8		ppb v/v		108	73 - 123
Styrene	10	11.0		ppb v/v		110	74 - 125
Bromoform	10	9.30		ppb v/v		93	53 - 149
Cumene	10	10.8		ppb v/v		108	73 - 123
1,1,2,2-Tetrachloroethane	10	9.40		ppb v/v		94	74 - 126
n-Propylbenzene	10	10.5		ppb v/v		105	73 - 127
4-Ethyltoluene	10	10.6		ppb v/v		106	75 - 129
1,3,5-Trimethylbenzene	10	10.5		ppb v/v		105	72 - 126

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

Lab Sample ID: LCS 200-217778/3
Matrix: Air
Analysis Batch: 217778

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorotoluene	10	10.2		ppb v/v		102	74 - 126
tert-Butylbenzene	10	10.5		ppb v/v		105	71 - 125
1,2,4-Trimethylbenzene	10	10.7		ppb v/v		107	71 - 129
sec-Butylbenzene	10	10.6		ppb v/v		106	70 - 128
4-Isopropyltoluene	10	10.9		ppb v/v		109	68 - 130
1,3-Dichlorobenzene	10	9.94		ppb v/v		99	69 - 131
1,4-Dichlorobenzene	10	10.1		ppb v/v		101	67 - 132
Benzyl chloride	10	10.7		ppb v/v		107	60 - 136
n-Butylbenzene	10	11.1		ppb v/v		111	65 - 137
1,2-Dichlorobenzene	10	10.0		ppb v/v		100	68 - 129
1,2,4-Trichlorobenzene	10	12.7		ppb v/v		127	50 - 150
Hexachlorobutadiene	10	10.8		ppb v/v		108	58 - 130
Naphthalene	10	14.4		ppb v/v		144	50 - 150

Lab Sample ID: MB 200-217811/6
Matrix: Air
Analysis Batch: 217811

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	1.1	ug/m3			06/25/25 11:35	1
Chlorodifluoromethane	1.8	U	1.8	1.3	ug/m3			06/25/25 11:35	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.53	ug/m3			06/25/25 11:35	1
Chloromethane	1.0	U	1.0	0.68	ug/m3			06/25/25 11:35	1
n-Butane	1.2	U	1.2	0.74	ug/m3			06/25/25 11:35	1
Vinyl chloride	0.20	U	0.20	0.074	ug/m3			06/25/25 11:35	1
1,3-Butadiene	0.44	U	0.44	0.088	ug/m3			06/25/25 11:35	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			06/25/25 11:35	1
Chloroethane	1.3	U	1.3	0.42	ug/m3			06/25/25 11:35	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.21	ug/m3			06/25/25 11:35	1
Trichlorofluoromethane	1.1	U	1.1	0.43	ug/m3			06/25/25 11:35	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.44	ug/m3			06/25/25 11:35	1
1,1-Dichloroethene	0.20	U	0.20	0.14	ug/m3			06/25/25 11:35	1
Acetone	12	U	12	4.5	ug/m3			06/25/25 11:35	1
Isopropyl alcohol	12	U	12	5.4	ug/m3			06/25/25 11:35	1
Carbon disulfide	1.6	U	1.6	0.56	ug/m3			06/25/25 11:35	1
3-Chloropropene	1.6	U	1.6	0.25	ug/m3			06/25/25 11:35	1
Methylene Chloride	1.7	U	1.7	0.66	ug/m3			06/25/25 11:35	1
tert-Butyl alcohol	15	U	15	4.9	ug/m3			06/25/25 11:35	1
Methyl tert-butyl ether	0.72	U	0.72	0.24	ug/m3			06/25/25 11:35	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.079	ug/m3			06/25/25 11:35	1
n-Hexane	1.8	U	1.8	0.56	ug/m3			06/25/25 11:35	1
1,1-Dichloroethane	0.81	U	0.81	0.073	ug/m3			06/25/25 11:35	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	0.41	ug/m3			06/25/25 11:35	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			06/25/25 11:35	1
Chloroform	0.98	U	0.98	0.29	ug/m3			06/25/25 11:35	1
Tetrahydrofuran	15	U	15	5.0	ug/m3			06/25/25 11:35	1
1,1,1-Trichloroethane	1.1	U	1.1	0.40	ug/m3			06/25/25 11:35	1
Cyclohexane	0.69	U	0.69	0.18	ug/m3			06/25/25 11:35	1
Carbon tetrachloride	0.22	U	0.22	0.15	ug/m3			06/25/25 11:35	1

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

Lab Sample ID: MB 200-217811/6
Matrix: Air
Analysis Batch: 217811

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2,4-Trimethylpentane	0.93	U	0.93	0.33	ug/m3			06/25/25 11:35	1
Benzene	0.64	U	0.64	0.16	ug/m3			06/25/25 11:35	1
1,2-Dichloroethane	0.81	U	0.81	0.30	ug/m3			06/25/25 11:35	1
n-Heptane	0.82	U	0.82	0.35	ug/m3			06/25/25 11:35	1
Trichloroethene	0.20	U	0.20	0.16	ug/m3			06/25/25 11:35	1
Methyl methacrylate	2.0	U	2.0	0.53	ug/m3			06/25/25 11:35	1
1,2-Dichloropropane	0.92	U	0.92	0.25	ug/m3			06/25/25 11:35	1
1,4-Dioxane	18	U	18	0.68	ug/m3			06/25/25 11:35	1
Bromodichloromethane	1.3	U	1.3	0.39	ug/m3			06/25/25 11:35	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			06/25/25 11:35	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.78	ug/m3			06/25/25 11:35	1
Toluene	0.75	U	0.75	0.20	ug/m3			06/25/25 11:35	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.28	ug/m3			06/25/25 11:35	1
1,1,2-Trichloroethane	1.1	U	1.1	0.29	ug/m3			06/25/25 11:35	1
Tetrachloroethene	1.4	U	1.4	0.24	ug/m3			06/25/25 11:35	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			06/25/25 11:35	1
Dibromochloromethane	1.7	U	1.7	0.45	ug/m3			06/25/25 11:35	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			06/25/25 11:35	1
Chlorobenzene	0.92	U	0.92	0.22	ug/m3			06/25/25 11:35	1
Ethylbenzene	0.87	U	0.87	0.22	ug/m3			06/25/25 11:35	1
m,p-Xylene	2.2	U	2.2	0.061	ug/m3			06/25/25 11:35	1
o-Xylene	0.87	U	0.87	0.30	ug/m3			06/25/25 11:35	1
Styrene	0.85	U	0.85	0.24	ug/m3			06/25/25 11:35	1
Bromoform	2.1	U	2.1	0.60	ug/m3			06/25/25 11:35	1
Cumene	0.98	U	0.98	0.35	ug/m3			06/25/25 11:35	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.42	ug/m3			06/25/25 11:35	1
n-Propylbenzene	0.98	U	0.98	0.30	ug/m3			06/25/25 11:35	1
4-Ethyltoluene	0.98	U	0.98	0.33	ug/m3			06/25/25 11:35	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.33	ug/m3			06/25/25 11:35	1
2-Chlorotoluene	1.0	U	1.0	0.30	ug/m3			06/25/25 11:35	1
tert-Butylbenzene	1.1	U	1.1	0.38	ug/m3			06/25/25 11:35	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.40	ug/m3			06/25/25 11:35	1
sec-Butylbenzene	1.1	U	1.1	0.40	ug/m3			06/25/25 11:35	1
4-Isopropyltoluene	1.1	U	1.1	0.43	ug/m3			06/25/25 11:35	1
1,3-Dichlorobenzene	1.2	U	1.2	0.38	ug/m3			06/25/25 11:35	1
1,4-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			06/25/25 11:35	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			06/25/25 11:35	1
n-Butylbenzene	1.1	U	1.1	0.38	ug/m3			06/25/25 11:35	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			06/25/25 11:35	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.2	ug/m3			06/25/25 11:35	1
Hexachlorobutadiene	2.1	U	2.1	0.83	ug/m3			06/25/25 11:35	1
Naphthalene	2.0	U	2.0	0.58	ug/m3			06/25/25 11:35	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.22	ppb v/v			06/25/25 11:35	1
Chlorodifluoromethane	0.50	U	0.50	0.36	ppb v/v			06/25/25 11:35	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.076	ppb v/v			06/25/25 11:35	1
Chloromethane	0.50	U	0.50	0.33	ppb v/v			06/25/25 11:35	1

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

Lab Sample ID: MB 200-217811/6
Matrix: Air
Analysis Batch: 217811

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	0.50	U	0.50	0.31	ppb v/v			06/25/25 11:35	1
Vinyl chloride	0.078	U	0.078	0.029	ppb v/v			06/25/25 11:35	1
1,3-Butadiene	0.20	U	0.20	0.040	ppb v/v			06/25/25 11:35	1
Bromomethane	0.20	U	0.20	0.062	ppb v/v			06/25/25 11:35	1
Chloroethane	0.50	U	0.50	0.16	ppb v/v			06/25/25 11:35	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.048	ppb v/v			06/25/25 11:35	1
Trichlorofluoromethane	0.20	U	0.20	0.077	ppb v/v			06/25/25 11:35	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.057	ppb v/v			06/25/25 11:35	1
1,1-Dichloroethene	0.050	U	0.050	0.035	ppb v/v			06/25/25 11:35	1
Acetone	5.0	U	5.0	1.9	ppb v/v			06/25/25 11:35	1
Isopropyl alcohol	5.0	U	5.0	2.2	ppb v/v			06/25/25 11:35	1
Carbon disulfide	0.50	U	0.50	0.18	ppb v/v			06/25/25 11:35	1
3-Chloropropene	0.50	U	0.50	0.081	ppb v/v			06/25/25 11:35	1
Methylene Chloride	0.50	U	0.50	0.19	ppb v/v			06/25/25 11:35	1
tert-Butyl alcohol	5.0	U	5.0	1.6	ppb v/v			06/25/25 11:35	1
Methyl tert-butyl ether	0.20	U	0.20	0.066	ppb v/v			06/25/25 11:35	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.020	ppb v/v			06/25/25 11:35	1
n-Hexane	0.50	U	0.50	0.16	ppb v/v			06/25/25 11:35	1
1,1-Dichloroethane	0.20	U	0.20	0.018	ppb v/v			06/25/25 11:35	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.14	ppb v/v			06/25/25 11:35	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.032	ppb v/v			06/25/25 11:35	1
Chloroform	0.20	U	0.20	0.059	ppb v/v			06/25/25 11:35	1
Tetrahydrofuran	5.0	U	5.0	1.7	ppb v/v			06/25/25 11:35	1
1,1,1-Trichloroethane	0.20	U	0.20	0.073	ppb v/v			06/25/25 11:35	1
Cyclohexane	0.20	U	0.20	0.052	ppb v/v			06/25/25 11:35	1
Carbon tetrachloride	0.035	U	0.035	0.024	ppb v/v			06/25/25 11:35	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.071	ppb v/v			06/25/25 11:35	1
Benzene	0.20	U	0.20	0.051	ppb v/v			06/25/25 11:35	1
1,2-Dichloroethane	0.20	U	0.20	0.074	ppb v/v			06/25/25 11:35	1
n-Heptane	0.20	U	0.20	0.086	ppb v/v			06/25/25 11:35	1
Trichloroethene	0.037	U	0.037	0.029	ppb v/v			06/25/25 11:35	1
Methyl methacrylate	0.50	U	0.50	0.13	ppb v/v			06/25/25 11:35	1
1,2-Dichloropropane	0.20	U	0.20	0.055	ppb v/v			06/25/25 11:35	1
1,4-Dioxane	5.0	U	5.0	0.19	ppb v/v			06/25/25 11:35	1
Bromodichloromethane	0.20	U	0.20	0.058	ppb v/v			06/25/25 11:35	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.056	ppb v/v			06/25/25 11:35	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.19	ppb v/v			06/25/25 11:35	1
Toluene	0.20	U	0.20	0.054	ppb v/v			06/25/25 11:35	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.062	ppb v/v			06/25/25 11:35	1
1,1,2-Trichloroethane	0.20	U	0.20	0.053	ppb v/v			06/25/25 11:35	1
Tetrachloroethene	0.20	U	0.20	0.036	ppb v/v			06/25/25 11:35	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			06/25/25 11:35	1
Dibromochloromethane	0.20	U	0.20	0.053	ppb v/v			06/25/25 11:35	1
1,2-Dibromoethane	0.20	U	0.20	0.045	ppb v/v			06/25/25 11:35	1
Chlorobenzene	0.20	U	0.20	0.047	ppb v/v			06/25/25 11:35	1
Ethylbenzene	0.20	U	0.20	0.051	ppb v/v			06/25/25 11:35	1
m,p-Xylene	0.50	U	0.50	0.014	ppb v/v			06/25/25 11:35	1
o-Xylene	0.20	U	0.20	0.069	ppb v/v			06/25/25 11:35	1

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

Lab Sample ID: MB 200-217811/6
Matrix: Air
Analysis Batch: 217811

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.20	U	0.20	0.056	ppb v/v			06/25/25 11:35	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			06/25/25 11:35	1
Cumene	0.20	U	0.20	0.072	ppb v/v			06/25/25 11:35	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.061	ppb v/v			06/25/25 11:35	1
n-Propylbenzene	0.20	U	0.20	0.062	ppb v/v			06/25/25 11:35	1
4-Ethyltoluene	0.20	U	0.20	0.068	ppb v/v			06/25/25 11:35	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.068	ppb v/v			06/25/25 11:35	1
2-Chlorotoluene	0.20	U	0.20	0.058	ppb v/v			06/25/25 11:35	1
tert-Butylbenzene	0.20	U	0.20	0.070	ppb v/v			06/25/25 11:35	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.082	ppb v/v			06/25/25 11:35	1
sec-Butylbenzene	0.20	U	0.20	0.072	ppb v/v			06/25/25 11:35	1
4-Isopropyltoluene	0.20	U	0.20	0.078	ppb v/v			06/25/25 11:35	1
1,3-Dichlorobenzene	0.20	U	0.20	0.063	ppb v/v			06/25/25 11:35	1
1,4-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			06/25/25 11:35	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			06/25/25 11:35	1
n-Butylbenzene	0.20	U	0.20	0.070	ppb v/v			06/25/25 11:35	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			06/25/25 11:35	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.30	ppb v/v			06/25/25 11:35	1
Hexachlorobutadiene	0.20	U	0.20	0.078	ppb v/v			06/25/25 11:35	1
Naphthalene	0.38	U	0.38	0.11	ppb v/v			06/25/25 11:35	1

Lab Sample ID: LCS 200-217811/4
Matrix: Air
Analysis Batch: 217811

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	54.0		ug/m3		109	61 - 142
Chlorodifluoromethane	35.4	42.0		ug/m3		119	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	79.8		ug/m3		114	71 - 141
Chloromethane	20.6	25.7		ug/m3		124	56 - 141
n-Butane	23.8	29.5		ug/m3		124	53 - 151
Vinyl chloride	25.6	30.1		ug/m3		118	61 - 135
1,3-Butadiene	22.1	24.8		ug/m3		112	58 - 139
Bromomethane	38.8	42.9		ug/m3		110	72 - 124
Chloroethane	26.4	31.7		ug/m3		120	68 - 130
Bromoethene(Vinyl Bromide)	43.7	47.2		ug/m3		108	75 - 125
Trichlorofluoromethane	56.2	59.4		ug/m3		106	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	80.5		ug/m3		105	70 - 121
1,1-Dichloroethene	39.6	42.6		ug/m3		107	68 - 120
Acetone	23.7	28.9		ug/m3		122	54 - 154
Isopropyl alcohol	24.6	34.2		ug/m3		139	53 - 142
Carbon disulfide	31.1	35.4		ug/m3		114	71 - 138
3-Chloropropene	31.3	38.0		ug/m3		121	50 - 150
Methylene Chloride	34.7	42.0		ug/m3		121	59 - 137
tert-Butyl alcohol	30.3	35.4		ug/m3		117	66 - 132
Methyl tert-butyl ether	36.0	40.6		ug/m3		113	70 - 127
trans-1,2-Dichloroethene	39.6	46.1		ug/m3		116	69 - 137
n-Hexane	35.2	41.4		ug/m3		118	63 - 138
1,1-Dichloroethane	40.5	47.2		ug/m3		117	66 - 130

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

Lab Sample ID: LCS 200-217811/4
Matrix: Air
Analysis Batch: 217811

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl Ethyl Ketone (2-Butanone)	29.5	33.8		ug/m3		115	72 - 124
cis-1,2-Dichloroethene	39.6	42.0		ug/m3		106	72 - 121
Chloroform	48.8	53.3		ug/m3		109	73 - 124
Tetrahydrofuran	29.5	36.6		ug/m3		124	60 - 149
1,1,1-Trichloroethane	54.6	57.5		ug/m3		105	72 - 127
Cyclohexane	34.4	37.4		ug/m3		109	76 - 124
Carbon tetrachloride	62.9	66.6		ug/m3		106	71 - 133
2,2,4-Trimethylpentane	46.7	55.6		ug/m3		119	68 - 131
Benzene	31.9	35.2		ug/m3		110	73 - 119
1,2-Dichloroethane	40.5	45.4		ug/m3		112	68 - 135
n-Heptane	41.0	51.2		ug/m3		125	60 - 142
Trichloroethene	53.7	57.7		ug/m3		107	73 - 122
Methyl methacrylate	40.9	47.6		ug/m3		116	73 - 129
1,2-Dichloropropane	46.2	53.8		ug/m3		117	69 - 128
1,4-Dioxane	36.0	40.4		ug/m3		112	66 - 129
Bromodichloromethane	67.0	73.6		ug/m3		110	75 - 127
cis-1,3-Dichloropropene	45.4	51.7		ug/m3		114	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	52.4		ug/m3		128	58 - 144
Toluene	37.7	40.6		ug/m3		108	75 - 122
trans-1,3-Dichloropropene	45.4	52.3		ug/m3		115	74 - 128
1,1,2-Trichloroethane	54.6	60.2		ug/m3		110	75 - 126
Tetrachloroethene	67.8	66.0		ug/m3		97	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	53.9		ug/m3		132	57 - 143
Dibromochloromethane	85.2	88.4		ug/m3		104	73 - 125
1,2-Dibromoethane	76.8	82.9		ug/m3		108	78 - 122
Chlorobenzene	46.0	47.5		ug/m3		103	76 - 119
Ethylbenzene	43.4	47.6		ug/m3		110	74 - 122
m,p-Xylene	86.8	92.7		ug/m3		107	76 - 121
o-Xylene	43.4	46.6		ug/m3		107	73 - 123
Styrene	42.6	47.8		ug/m3		112	74 - 125
Bromoform	103	103		ug/m3		99	53 - 149
Cumene	49.1	53.8		ug/m3		110	73 - 123
1,1,2,2-Tetrachloroethane	68.6	78.7		ug/m3		115	74 - 126
n-Propylbenzene	49.1	56.1		ug/m3		114	73 - 127
4-Ethyltoluene	49.2	54.9		ug/m3		112	75 - 129
1,3,5-Trimethylbenzene	49.2	54.2		ug/m3		110	72 - 126
2-Chlorotoluene	51.8	58.0		ug/m3		112	74 - 126
tert-Butylbenzene	54.9	59.0		ug/m3		107	71 - 125
1,2,4-Trimethylbenzene	49.2	54.5		ug/m3		111	71 - 129
sec-Butylbenzene	54.9	61.5		ug/m3		112	70 - 128
4-Isopropyltoluene	54.9	60.5		ug/m3		110	68 - 130
1,3-Dichlorobenzene	60.1	63.7		ug/m3		106	69 - 131
1,4-Dichlorobenzene	60.1	63.5		ug/m3		106	67 - 132
Benzyl chloride	51.8	63.8		ug/m3		123	60 - 136
n-Butylbenzene	54.9	64.8		ug/m3		118	65 - 137
1,2-Dichlorobenzene	60.1	63.2		ug/m3		105	68 - 129

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

Lab Sample ID: LCS 200-217811/4
Matrix: Air
Analysis Batch: 217811

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	74.2	88.1		ug/m3		119	50 - 150
Hexachlorobutadiene	107	114		ug/m3		107	58 - 130
Naphthalene	52.4	75.1		ug/m3		143	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10	10.9		ppb v/v		109	61 - 142
Chlorodifluoromethane	10	11.9		ppb v/v		119	60 - 147
1,2-Dichlorotetrafluoroethane	10	11.4		ppb v/v		114	71 - 141
Chloromethane	10	12.4		ppb v/v		124	56 - 141
n-Butane	10	12.4		ppb v/v		124	53 - 151
Vinyl chloride	10	11.8		ppb v/v		118	61 - 135
1,3-Butadiene	10	11.2		ppb v/v		112	58 - 139
Bromomethane	10	11.0		ppb v/v		110	72 - 124
Chloroethane	10	12.0		ppb v/v		120	68 - 130
Bromoethene(Vinyl Bromide)	10	10.8		ppb v/v		108	75 - 125
Trichlorofluoromethane	10	10.6		ppb v/v		106	70 - 129
1,1,2-Trichlorotrifluoroethane	10	10.5		ppb v/v		105	70 - 121
1,1-Dichloroethene	10	10.7		ppb v/v		107	68 - 120
Acetone	10	12.2		ppb v/v		122	54 - 154
Isopropyl alcohol	10	13.9		ppb v/v		139	53 - 142
Carbon disulfide	10	11.4		ppb v/v		114	71 - 138
3-Chloropropene	10	12.1		ppb v/v		121	50 - 150
Methylene Chloride	10	12.1		ppb v/v		121	59 - 137
tert-Butyl alcohol	10	11.7		ppb v/v		117	66 - 132
Methyl tert-butyl ether	10	11.3		ppb v/v		113	70 - 127
trans-1,2-Dichloroethene	10	11.6		ppb v/v		116	69 - 137
n-Hexane	10	11.7		ppb v/v		118	63 - 138
1,1-Dichloroethane	10	11.7		ppb v/v		117	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	11.4		ppb v/v		115	72 - 124
cis-1,2-Dichloroethene	10	10.6		ppb v/v		106	72 - 121
Chloroform	10	10.9		ppb v/v		109	73 - 124
Tetrahydrofuran	10	12.4		ppb v/v		124	60 - 149
1,1,1-Trichloroethane	10	10.5		ppb v/v		105	72 - 127
Cyclohexane	10	10.9		ppb v/v		109	76 - 124
Carbon tetrachloride	10	10.6		ppb v/v		106	71 - 133
2,2,4-Trimethylpentane	10	11.9		ppb v/v		119	68 - 131
Benzene	10	11.0		ppb v/v		110	73 - 119
1,2-Dichloroethane	10	11.2		ppb v/v		112	68 - 135
n-Heptane	10	12.5		ppb v/v		125	60 - 142
Trichloroethene	10	10.7		ppb v/v		107	73 - 122
Methyl methacrylate	10	11.6		ppb v/v		116	73 - 129
1,2-Dichloropropane	10	11.7		ppb v/v		117	69 - 128
1,4-Dioxane	10	11.2		ppb v/v		112	66 - 129
Bromodichloromethane	10	11.0		ppb v/v		110	75 - 127
cis-1,3-Dichloropropene	10	11.4		ppb v/v		114	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	12.8		ppb v/v		128	58 - 144
Toluene	10	10.8		ppb v/v		108	75 - 122

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

Lab Sample ID: LCS 200-217811/4
Matrix: Air
Analysis Batch: 217811

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	10	11.5		ppb v/v		115	74 - 128
1,1,2-Trichloroethane	10	11.0		ppb v/v		110	75 - 126
Tetrachloroethene	10	9.72		ppb v/v		97	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	13.2		ppb v/v		132	57 - 143
Dibromochloromethane	10	10.4		ppb v/v		104	73 - 125
1,2-Dibromoethane	10	10.8		ppb v/v		108	78 - 122
Chlorobenzene	10	10.3		ppb v/v		103	76 - 119
Ethylbenzene	10	11.0		ppb v/v		110	74 - 122
m,p-Xylene	20	21.4		ppb v/v		107	76 - 121
o-Xylene	10	10.7		ppb v/v		107	73 - 123
Styrene	10	11.2		ppb v/v		112	74 - 125
Bromoform	10	9.92		ppb v/v		99	53 - 149
Cumene	10	10.9		ppb v/v		110	73 - 123
1,1,2,2-Tetrachloroethane	10	11.5		ppb v/v		115	74 - 126
n-Propylbenzene	10	11.4		ppb v/v		114	73 - 127
4-Ethyltoluene	10	11.2		ppb v/v		112	75 - 129
1,3,5-Trimethylbenzene	10	11.0		ppb v/v		110	72 - 126
2-Chlorotoluene	10	11.2		ppb v/v		112	74 - 126
tert-Butylbenzene	10	10.7		ppb v/v		107	71 - 125
1,2,4-Trimethylbenzene	10	11.1		ppb v/v		111	71 - 129
sec-Butylbenzene	10	11.2		ppb v/v		112	70 - 128
4-Isopropyltoluene	10	11.0		ppb v/v		110	68 - 130
1,3-Dichlorobenzene	10	10.6		ppb v/v		106	69 - 131
1,4-Dichlorobenzene	10	10.6		ppb v/v		106	67 - 132
Benzyl chloride	10	12.3		ppb v/v		123	60 - 136
n-Butylbenzene	10	11.8		ppb v/v		118	65 - 137
1,2-Dichlorobenzene	10	10.5		ppb v/v		105	68 - 129
1,2,4-Trichlorobenzene	10	11.9		ppb v/v		119	50 - 150
Hexachlorobutadiene	10	10.7		ppb v/v		107	58 - 130
Naphthalene	10	14.3		ppb v/v		143	50 - 150

Lab Sample ID: MB 200-217812/5
Matrix: Air
Analysis Batch: 217812

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	1.1	ug/m3			06/25/25 11:12	1
Chlorodifluoromethane	1.8	U	1.8	1.3	ug/m3			06/25/25 11:12	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.53	ug/m3			06/25/25 11:12	1
Chloromethane	1.0	U	1.0	0.68	ug/m3			06/25/25 11:12	1
n-Butane	1.2	U	1.2	0.74	ug/m3			06/25/25 11:12	1
Vinyl chloride	0.20	U	0.20	0.074	ug/m3			06/25/25 11:12	1
1,3-Butadiene	0.44	U	0.44	0.088	ug/m3			06/25/25 11:12	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			06/25/25 11:12	1
Chloroethane	1.3	U	1.3	0.42	ug/m3			06/25/25 11:12	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.21	ug/m3			06/25/25 11:12	1
Trichlorofluoromethane	1.1	U	1.1	0.43	ug/m3			06/25/25 11:12	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.44	ug/m3			06/25/25 11:12	1

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

Lab Sample ID: MB 200-217812/5
Matrix: Air
Analysis Batch: 217812

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.20	U	0.20	0.14	ug/m3			06/25/25 11:12	1
Acetone	12	U	12	4.5	ug/m3			06/25/25 11:12	1
Isopropyl alcohol	12	U	12	5.4	ug/m3			06/25/25 11:12	1
Carbon disulfide	1.6	U	1.6	0.56	ug/m3			06/25/25 11:12	1
3-Chloropropene	1.6	U	1.6	0.25	ug/m3			06/25/25 11:12	1
Methylene Chloride	1.7	U	1.7	0.66	ug/m3			06/25/25 11:12	1
tert-Butyl alcohol	15	U	15	4.9	ug/m3			06/25/25 11:12	1
Methyl tert-butyl ether	0.72	U	0.72	0.24	ug/m3			06/25/25 11:12	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.079	ug/m3			06/25/25 11:12	1
n-Hexane	1.8	U	1.8	0.56	ug/m3			06/25/25 11:12	1
1,1-Dichloroethane	0.81	U	0.81	0.073	ug/m3			06/25/25 11:12	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	0.41	ug/m3			06/25/25 11:12	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			06/25/25 11:12	1
Chloroform	0.98	U	0.98	0.29	ug/m3			06/25/25 11:12	1
Tetrahydrofuran	15	U	15	5.0	ug/m3			06/25/25 11:12	1
1,1,1-Trichloroethane	1.1	U	1.1	0.40	ug/m3			06/25/25 11:12	1
Cyclohexane	0.69	U	0.69	0.18	ug/m3			06/25/25 11:12	1
Carbon tetrachloride	0.22	U	0.22	0.15	ug/m3			06/25/25 11:12	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.33	ug/m3			06/25/25 11:12	1
Benzene	0.64	U	0.64	0.16	ug/m3			06/25/25 11:12	1
1,2-Dichloroethane	0.81	U	0.81	0.30	ug/m3			06/25/25 11:12	1
n-Heptane	0.82	U	0.82	0.35	ug/m3			06/25/25 11:12	1
Trichloroethene	0.20	U	0.20	0.16	ug/m3			06/25/25 11:12	1
Methyl methacrylate	2.0	U	2.0	0.53	ug/m3			06/25/25 11:12	1
1,2-Dichloropropane	0.92	U	0.92	0.25	ug/m3			06/25/25 11:12	1
1,4-Dioxane	18	U	18	0.68	ug/m3			06/25/25 11:12	1
Bromodichloromethane	1.3	U	1.3	0.39	ug/m3			06/25/25 11:12	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			06/25/25 11:12	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.78	ug/m3			06/25/25 11:12	1
Toluene	0.75	U	0.75	0.20	ug/m3			06/25/25 11:12	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.28	ug/m3			06/25/25 11:12	1
1,1,2-Trichloroethane	1.1	U	1.1	0.29	ug/m3			06/25/25 11:12	1
Tetrachloroethene	1.4	U	1.4	0.24	ug/m3			06/25/25 11:12	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			06/25/25 11:12	1
Dibromochloromethane	1.7	U	1.7	0.45	ug/m3			06/25/25 11:12	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			06/25/25 11:12	1
Chlorobenzene	0.92	U	0.92	0.22	ug/m3			06/25/25 11:12	1
Ethylbenzene	0.87	U	0.87	0.22	ug/m3			06/25/25 11:12	1
m,p-Xylene	2.2	U	2.2	0.061	ug/m3			06/25/25 11:12	1
o-Xylene	0.87	U	0.87	0.30	ug/m3			06/25/25 11:12	1
Styrene	0.85	U	0.85	0.24	ug/m3			06/25/25 11:12	1
Bromoform	2.1	U	2.1	0.60	ug/m3			06/25/25 11:12	1
Cumene	0.98	U	0.98	0.35	ug/m3			06/25/25 11:12	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.42	ug/m3			06/25/25 11:12	1
n-Propylbenzene	0.98	U	0.98	0.30	ug/m3			06/25/25 11:12	1
4-Ethyltoluene	0.98	U	0.98	0.33	ug/m3			06/25/25 11:12	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.33	ug/m3			06/25/25 11:12	1
2-Chlorotoluene	1.0	U	1.0	0.30	ug/m3			06/25/25 11:12	1

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

Lab Sample ID: MB 200-217812/5
Matrix: Air
Analysis Batch: 217812

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.1	U	1.1	0.38	ug/m3			06/25/25 11:12	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.40	ug/m3			06/25/25 11:12	1
sec-Butylbenzene	1.1	U	1.1	0.40	ug/m3			06/25/25 11:12	1
4-Isopropyltoluene	1.1	U	1.1	0.43	ug/m3			06/25/25 11:12	1
1,3-Dichlorobenzene	1.2	U	1.2	0.38	ug/m3			06/25/25 11:12	1
1,4-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			06/25/25 11:12	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			06/25/25 11:12	1
n-Butylbenzene	1.1	U	1.1	0.38	ug/m3			06/25/25 11:12	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			06/25/25 11:12	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.2	ug/m3			06/25/25 11:12	1
Hexachlorobutadiene	2.1	U	2.1	0.83	ug/m3			06/25/25 11:12	1
Naphthalene	2.0	U	2.0	0.58	ug/m3			06/25/25 11:12	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.22	ppb v/v			06/25/25 11:12	1
Chlorodifluoromethane	0.50	U	0.50	0.36	ppb v/v			06/25/25 11:12	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.076	ppb v/v			06/25/25 11:12	1
Chloromethane	0.50	U	0.50	0.33	ppb v/v			06/25/25 11:12	1
n-Butane	0.50	U	0.50	0.31	ppb v/v			06/25/25 11:12	1
Vinyl chloride	0.078	U	0.078	0.029	ppb v/v			06/25/25 11:12	1
1,3-Butadiene	0.20	U	0.20	0.040	ppb v/v			06/25/25 11:12	1
Bromomethane	0.20	U	0.20	0.062	ppb v/v			06/25/25 11:12	1
Chloroethane	0.50	U	0.50	0.16	ppb v/v			06/25/25 11:12	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.048	ppb v/v			06/25/25 11:12	1
Trichlorofluoromethane	0.20	U	0.20	0.077	ppb v/v			06/25/25 11:12	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.057	ppb v/v			06/25/25 11:12	1
1,1-Dichloroethene	0.050	U	0.050	0.035	ppb v/v			06/25/25 11:12	1
Acetone	5.0	U	5.0	1.9	ppb v/v			06/25/25 11:12	1
Isopropyl alcohol	5.0	U	5.0	2.2	ppb v/v			06/25/25 11:12	1
Carbon disulfide	0.50	U	0.50	0.18	ppb v/v			06/25/25 11:12	1
3-Chloropropene	0.50	U	0.50	0.081	ppb v/v			06/25/25 11:12	1
Methylene Chloride	0.50	U	0.50	0.19	ppb v/v			06/25/25 11:12	1
tert-Butyl alcohol	5.0	U	5.0	1.6	ppb v/v			06/25/25 11:12	1
Methyl tert-butyl ether	0.20	U	0.20	0.066	ppb v/v			06/25/25 11:12	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.020	ppb v/v			06/25/25 11:12	1
n-Hexane	0.50	U	0.50	0.16	ppb v/v			06/25/25 11:12	1
1,1-Dichloroethane	0.20	U	0.20	0.018	ppb v/v			06/25/25 11:12	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.14	ppb v/v			06/25/25 11:12	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.032	ppb v/v			06/25/25 11:12	1
Chloroform	0.20	U	0.20	0.059	ppb v/v			06/25/25 11:12	1
Tetrahydrofuran	5.0	U	5.0	1.7	ppb v/v			06/25/25 11:12	1
1,1,1-Trichloroethane	0.20	U	0.20	0.073	ppb v/v			06/25/25 11:12	1
Cyclohexane	0.20	U	0.20	0.052	ppb v/v			06/25/25 11:12	1
Carbon tetrachloride	0.035	U	0.035	0.024	ppb v/v			06/25/25 11:12	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.071	ppb v/v			06/25/25 11:12	1
Benzene	0.20	U	0.20	0.051	ppb v/v			06/25/25 11:12	1
1,2-Dichloroethane	0.20	U	0.20	0.074	ppb v/v			06/25/25 11:12	1
n-Heptane	0.20	U	0.20	0.086	ppb v/v			06/25/25 11:12	1
Trichloroethene	0.037	U	0.037	0.029	ppb v/v			06/25/25 11:12	1

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

Lab Sample ID: MB 200-217812/5
Matrix: Air
Analysis Batch: 217812

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl methacrylate	0.50	U	0.50	0.13	ppb v/v			06/25/25 11:12	1
1,2-Dichloropropane	0.20	U	0.20	0.055	ppb v/v			06/25/25 11:12	1
1,4-Dioxane	5.0	U	5.0	0.19	ppb v/v			06/25/25 11:12	1
Bromodichloromethane	0.20	U	0.20	0.058	ppb v/v			06/25/25 11:12	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.056	ppb v/v			06/25/25 11:12	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.19	ppb v/v			06/25/25 11:12	1
Toluene	0.20	U	0.20	0.054	ppb v/v			06/25/25 11:12	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.062	ppb v/v			06/25/25 11:12	1
1,1,2-Trichloroethane	0.20	U	0.20	0.053	ppb v/v			06/25/25 11:12	1
Tetrachloroethene	0.20	U	0.20	0.036	ppb v/v			06/25/25 11:12	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			06/25/25 11:12	1
Dibromochloromethane	0.20	U	0.20	0.053	ppb v/v			06/25/25 11:12	1
1,2-Dibromoethane	0.20	U	0.20	0.045	ppb v/v			06/25/25 11:12	1
Chlorobenzene	0.20	U	0.20	0.047	ppb v/v			06/25/25 11:12	1
Ethylbenzene	0.20	U	0.20	0.051	ppb v/v			06/25/25 11:12	1
m,p-Xylene	0.50	U	0.50	0.014	ppb v/v			06/25/25 11:12	1
o-Xylene	0.20	U	0.20	0.069	ppb v/v			06/25/25 11:12	1
Styrene	0.20	U	0.20	0.056	ppb v/v			06/25/25 11:12	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			06/25/25 11:12	1
Cumene	0.20	U	0.20	0.072	ppb v/v			06/25/25 11:12	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.061	ppb v/v			06/25/25 11:12	1
n-Propylbenzene	0.20	U	0.20	0.062	ppb v/v			06/25/25 11:12	1
4-Ethyltoluene	0.20	U	0.20	0.068	ppb v/v			06/25/25 11:12	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.068	ppb v/v			06/25/25 11:12	1
2-Chlorotoluene	0.20	U	0.20	0.058	ppb v/v			06/25/25 11:12	1
tert-Butylbenzene	0.20	U	0.20	0.070	ppb v/v			06/25/25 11:12	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.082	ppb v/v			06/25/25 11:12	1
sec-Butylbenzene	0.20	U	0.20	0.072	ppb v/v			06/25/25 11:12	1
4-Isopropyltoluene	0.20	U	0.20	0.078	ppb v/v			06/25/25 11:12	1
1,3-Dichlorobenzene	0.20	U	0.20	0.063	ppb v/v			06/25/25 11:12	1
1,4-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			06/25/25 11:12	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			06/25/25 11:12	1
n-Butylbenzene	0.20	U	0.20	0.070	ppb v/v			06/25/25 11:12	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			06/25/25 11:12	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.30	ppb v/v			06/25/25 11:12	1
Hexachlorobutadiene	0.20	U	0.20	0.078	ppb v/v			06/25/25 11:12	1
Naphthalene	0.38	U	0.38	0.11	ppb v/v			06/25/25 11:12	1

Lab Sample ID: LCS 200-217812/3
Matrix: Air
Analysis Batch: 217812

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	47.0		ug/m3		95	61 - 142
Chlorodifluoromethane	35.4	34.4		ug/m3		97	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	64.6		ug/m3		92	71 - 141
Chloromethane	20.6	20.2		ug/m3		98	56 - 141
n-Butane	23.8	22.5		ug/m3		95	53 - 151

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

Lab Sample ID: LCS 200-217812/3
Matrix: Air
Analysis Batch: 217812

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Vinyl chloride	25.6	21.9		ug/m3		86	61 - 135
1,3-Butadiene	22.1	18.5		ug/m3		84	58 - 139
Bromomethane	38.8	35.1		ug/m3		90	72 - 124
Chloroethane	26.4	24.6		ug/m3		93	68 - 130
Bromoethene(Vinyl Bromide)	43.7	40.8		ug/m3		93	75 - 125
Trichlorofluoromethane	56.2	50.5		ug/m3		90	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	66.7		ug/m3		87	70 - 121
1,1-Dichloroethene	39.6	35.1		ug/m3		89	68 - 120
Acetone	23.7	22.6		ug/m3		95	54 - 154
Isopropyl alcohol	24.6	24.5		ug/m3		100	53 - 142
Carbon disulfide	31.1	28.2		ug/m3		90	71 - 138
3-Chloropropene	31.3	31.7		ug/m3		101	50 - 150
Methylene Chloride	34.7	31.5		ug/m3		91	59 - 137
tert-Butyl alcohol	30.3	27.9		ug/m3		92	66 - 132
Methyl tert-butyl ether	36.0	36.2		ug/m3		100	70 - 127
trans-1,2-Dichloroethene	39.6	38.3		ug/m3		97	69 - 137
n-Hexane	35.2	35.5		ug/m3		101	63 - 138
1,1-Dichloroethane	40.5	36.1		ug/m3		89	66 - 130
Methyl Ethyl Ketone (2-Butanone)	29.5	28.8		ug/m3		98	72 - 124
cis-1,2-Dichloroethene	39.6	35.6		ug/m3		90	72 - 121
Chloroform	48.8	44.4		ug/m3		91	73 - 124
Tetrahydrofuran	29.5	28.0		ug/m3		95	60 - 149
1,1,1-Trichloroethane	54.6	48.4		ug/m3		89	72 - 127
Cyclohexane	34.4	33.2		ug/m3		97	76 - 124
Carbon tetrachloride	62.9	57.2		ug/m3		91	71 - 133
2,2,4-Trimethylpentane	46.7	46.9		ug/m3		100	68 - 131
Benzene	31.9	29.5		ug/m3		92	73 - 119
1,2-Dichloroethane	40.5	37.5		ug/m3		93	68 - 135
n-Heptane	41.0	42.2		ug/m3		103	60 - 142
Trichloroethene	53.7	46.3		ug/m3		86	73 - 122
Methyl methacrylate	40.9	40.5		ug/m3		99	73 - 129
1,2-Dichloropropane	46.2	43.0		ug/m3		93	69 - 128
1,4-Dioxane	36.0	33.2		ug/m3		92	66 - 129
Bromodichloromethane	67.0	61.4		ug/m3		92	75 - 127
cis-1,3-Dichloropropene	45.4	44.0		ug/m3		97	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	41.6		ug/m3		101	58 - 144
Toluene	37.7	36.7		ug/m3		97	75 - 122
trans-1,3-Dichloropropene	45.4	48.5		ug/m3		107	74 - 128
1,1,2-Trichloroethane	54.6	50.2		ug/m3		92	75 - 126
Tetrachloroethene	67.8	59.8		ug/m3		88	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	41.3		ug/m3		101	57 - 143
Dibromochloromethane	85.2	77.6		ug/m3		91	73 - 125
1,2-Dibromoethane	76.8	71.8		ug/m3		93	78 - 122
Chlorobenzene	46.0	41.5		ug/m3		90	76 - 119
Ethylbenzene	43.4	41.9		ug/m3		96	74 - 122
m,p-Xylene	86.8	84.9		ug/m3		98	76 - 121

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

Lab Sample ID: LCS 200-217812/3
Matrix: Air
Analysis Batch: 217812

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	43.4	43.3		ug/m3		100	73 - 123
Styrene	42.6	43.5		ug/m3		102	74 - 125
Bromoform	103	95.8		ug/m3		93	53 - 149
Cumene	49.1	49.6		ug/m3		101	73 - 123
1,1,2,2-Tetrachloroethane	68.6	63.3		ug/m3		92	74 - 126
n-Propylbenzene	49.1	48.1		ug/m3		98	73 - 127
4-Ethyltoluene	49.2	49.3		ug/m3		100	75 - 129
1,3,5-Trimethylbenzene	49.2	48.1		ug/m3		98	72 - 126
2-Chlorotoluene	51.8	49.3		ug/m3		95	74 - 126
tert-Butylbenzene	54.9	53.4		ug/m3		97	71 - 125
1,2,4-Trimethylbenzene	49.2	48.8		ug/m3		99	71 - 129
sec-Butylbenzene	54.9	54.2		ug/m3		99	70 - 128
4-Isopropyltoluene	54.9	53.9		ug/m3		98	68 - 130
1,3-Dichlorobenzene	60.1	54.4		ug/m3		91	69 - 131
1,4-Dichlorobenzene	60.1	55.4		ug/m3		92	67 - 132
Benzyl chloride	51.8	50.8		ug/m3		98	60 - 136
n-Butylbenzene	54.9	55.8		ug/m3		102	65 - 137
1,2-Dichlorobenzene	60.1	54.6		ug/m3		91	68 - 129
1,2,4-Trichlorobenzene	74.2	84.2		ug/m3		113	50 - 150
Hexachlorobutadiene	107	107		ug/m3		101	58 - 130
Naphthalene	52.4	62.8		ug/m3		120	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10	9.51		ppb v/v		95	61 - 142
Chlorodifluoromethane	10	9.74		ppb v/v		97	60 - 147
1,2-Dichlorotetrafluoroethane	10	9.24		ppb v/v		92	71 - 141
Chloromethane	10	9.80		ppb v/v		98	56 - 141
n-Butane	10	9.49		ppb v/v		95	53 - 151
Vinyl chloride	10	8.55		ppb v/v		86	61 - 135
1,3-Butadiene	10	8.35		ppb v/v		84	58 - 139
Bromomethane	10	9.04		ppb v/v		90	72 - 124
Chloroethane	10	9.32		ppb v/v		93	68 - 130
Bromoethene(Vinyl Bromide)	10	9.33		ppb v/v		93	75 - 125
Trichlorofluoromethane	10	8.98		ppb v/v		90	70 - 129
1,1,2-Trichlorotrifluoroethane	10	8.71		ppb v/v		87	70 - 121
1,1-Dichloroethene	10	8.86		ppb v/v		89	68 - 120
Acetone	10	9.51		ppb v/v		95	54 - 154
Isopropyl alcohol	10	9.99		ppb v/v		100	53 - 142
Carbon disulfide	10	9.04		ppb v/v		90	71 - 138
3-Chloropropene	10	10.1		ppb v/v		101	50 - 150
Methylene Chloride	10	9.06		ppb v/v		91	59 - 137
tert-Butyl alcohol	10	9.19		ppb v/v		92	66 - 132
Methyl tert-butyl ether	10	10.0		ppb v/v		100	70 - 127
trans-1,2-Dichloroethene	10	9.66		ppb v/v		97	69 - 137
n-Hexane	10	10.1		ppb v/v		101	63 - 138
1,1-Dichloroethane	10	8.92		ppb v/v		89	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	9.75		ppb v/v		98	72 - 124
cis-1,2-Dichloroethene	10	8.97		ppb v/v		90	72 - 121

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

Lab Sample ID: LCS 200-217812/3
Matrix: Air
Analysis Batch: 217812

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	10	9.10		ppb v/v		91	73 - 124
Tetrahydrofuran	10	9.50		ppb v/v		95	60 - 149
1,1,1-Trichloroethane	10	8.86		ppb v/v		89	72 - 127
Cyclohexane	10	9.66		ppb v/v		97	76 - 124
Carbon tetrachloride	10	9.09		ppb v/v		91	71 - 133
2,2,4-Trimethylpentane	10	10.0		ppb v/v		100	68 - 131
Benzene	10	9.22		ppb v/v		92	73 - 119
1,2-Dichloroethane	10	9.26		ppb v/v		93	68 - 135
n-Heptane	10	10.3		ppb v/v		103	60 - 142
Trichloroethene	10	8.62		ppb v/v		86	73 - 122
Methyl methacrylate	10	9.90		ppb v/v		99	73 - 129
1,2-Dichloropropane	10	9.30		ppb v/v		93	69 - 128
1,4-Dioxane	10	9.21		ppb v/v		92	66 - 129
Bromodichloromethane	10	9.17		ppb v/v		92	75 - 127
cis-1,3-Dichloropropene	10	9.70		ppb v/v		97	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	10.1		ppb v/v		101	58 - 144
Toluene	10	9.75		ppb v/v		97	75 - 122
trans-1,3-Dichloropropene	10	10.7		ppb v/v		107	74 - 128
1,1,2-Trichloroethane	10	9.21		ppb v/v		92	75 - 126
Tetrachloroethene	10	8.81		ppb v/v		88	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	10.1		ppb v/v		101	57 - 143
Dibromochloromethane	10	9.11		ppb v/v		91	73 - 125
1,2-Dibromoethane	10	9.34		ppb v/v		93	78 - 122
Chlorobenzene	10	9.01		ppb v/v		90	76 - 119
Ethylbenzene	10	9.64		ppb v/v		96	74 - 122
m,p-Xylene	20	19.5		ppb v/v		98	76 - 121
o-Xylene	10	9.98		ppb v/v		100	73 - 123
Styrene	10	10.2		ppb v/v		102	74 - 125
Bromoform	10	9.27		ppb v/v		93	53 - 149
Cumene	10	10.1		ppb v/v		101	73 - 123
1,1,2,2-Tetrachloroethane	10	9.23		ppb v/v		92	74 - 126
n-Propylbenzene	10	9.79		ppb v/v		98	73 - 127
4-Ethyltoluene	10	10.0		ppb v/v		100	75 - 129
1,3,5-Trimethylbenzene	10	9.79		ppb v/v		98	72 - 126
2-Chlorotoluene	10	9.52		ppb v/v		95	74 - 126
tert-Butylbenzene	10	9.72		ppb v/v		97	71 - 125
1,2,4-Trimethylbenzene	10	9.93		ppb v/v		99	71 - 129
sec-Butylbenzene	10	9.87		ppb v/v		99	70 - 128
4-Isopropyltoluene	10	9.82		ppb v/v		98	68 - 130
1,3-Dichlorobenzene	10	9.06		ppb v/v		91	69 - 131
1,4-Dichlorobenzene	10	9.22		ppb v/v		92	67 - 132
Benzyl chloride	10	9.82		ppb v/v		98	60 - 136
n-Butylbenzene	10	10.2		ppb v/v		102	65 - 137
1,2-Dichlorobenzene	10	9.07		ppb v/v		91	68 - 129
1,2,4-Trichlorobenzene	10	11.3		ppb v/v		113	50 - 150
Hexachlorobutadiene	10	10.1		ppb v/v		101	58 - 130
Naphthalene	10	12.0		ppb v/v		120	50 - 150

QC Association Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 200-78438-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Air - GC/MS VOA

Analysis Batch: 217778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-78438-1	RXSV-04	Total/NA	Air	TO-15	
200-78438-1 - DL	RXSV-04	Total/NA	Air	TO-15	
200-78438-2	DUP-SV-06202025	Total/NA	Air	TO-15	
200-78438-3	RXSV-05	Total/NA	Air	TO-15	
200-78438-3 - DL	RXSV-05	Total/NA	Air	TO-15	
200-78438-4	RXSV-01	Total/NA	Air	TO-15	
200-78438-5	RXSV-09	Total/NA	Air	TO-15	
200-78438-5 - DL	RXSV-09	Total/NA	Air	TO-15	
MB 200-217778/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-217778/3	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 217811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-78438-2 - DL	DUP-SV-06202025	Total/NA	Air	TO-15	
200-78438-4 - DL	RXSV-01	Total/NA	Air	TO-15	
MB 200-217811/6	Method Blank	Total/NA	Air	TO-15	
LCS 200-217811/4	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 217812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-78438-6	RXSV-07	Total/NA	Air	TO-15	
200-78438-6 - DL	RXSV-07	Total/NA	Air	TO-15	
MB 200-217812/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-217812/3	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Job ID: 200-78438-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXSV-04
Lab Sample ID: 200-78438-1
Date Collected: 06/20/25 12:45
Matrix: Air
Date Received: 06/23/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	217778	A1B	EET BUR	06/24/25 16:28
Total/NA	Analysis	TO-15	DL	12.5	217778	A1B	EET BUR	06/24/25 17:23

Client Sample ID: DUP-SV-06202025
Lab Sample ID: 200-78438-2
Date Collected: 06/20/25 12:55
Matrix: Air
Date Received: 06/23/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15	DL	20	217811	K1P	EET BUR	06/25/25 13:18
Total/NA	Analysis	TO-15		1	217778	A1B	EET BUR	06/24/25 18:16

Client Sample ID: RXSV-05
Lab Sample ID: 200-78438-3
Date Collected: 06/20/25 13:00
Matrix: Air
Date Received: 06/23/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		4	217778	A1B	EET BUR	06/24/25 20:03
Total/NA	Analysis	TO-15	DL	12.5	217778	A1B	EET BUR	06/24/25 20:56

Client Sample ID: RXSV-01
Lab Sample ID: 200-78438-4
Date Collected: 06/20/25 13:10
Matrix: Air
Date Received: 06/23/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15	DL	101	217811	K1P	EET BUR	06/25/25 14:10
Total/NA	Analysis	TO-15		10	217778	A1B	EET BUR	06/24/25 21:48

Client Sample ID: RXSV-09
Lab Sample ID: 200-78438-5
Date Collected: 06/20/25 13:27
Matrix: Air
Date Received: 06/23/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		4	217778	A1B	EET BUR	06/24/25 23:34
Total/NA	Analysis	TO-15	DL	12.5	217778	A1B	EET BUR	06/25/25 00:26

Client Sample ID: RXSV-07
Lab Sample ID: 200-78438-6
Date Collected: 06/20/25 16:15
Matrix: Air
Date Received: 06/23/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		200	217812	K1P	EET BUR	06/26/25 05:29
Total/NA	Analysis	TO-15	DL	1040	217812	K1P	EET BUR	06/26/25 06:21

Laboratory References:

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

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 200-78438-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

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 York	NELAP	10391	03-31-26

The following analytes are included in this report, but the laboratory is not certified by New York NELAP 10391. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	4-Ethyltoluene
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Chlorodifluoromethane
TO-15		Air	Methyl Butyl Ketone (2-Hexanone)
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
TO-15		Air	Tetrahydrofuran

Method Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 200-78438-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

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: Roux Environmental Eng & Geology DPC
Job ID: 200-78438-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
200-78438-1	RXSV-04	Air	06/20/25 12:45	06/23/25 09:30	Air Canister (6-Liter) #4070
200-78438-2	DUP-SV-06202025	Air	06/20/25 12:55	06/23/25 09:30	Air Canister (6-Liter) #5081
200-78438-3	RXSV-05	Air	06/20/25 13:00	06/23/25 09:30	Air Canister (6-Liter) #3253
200-78438-4	RXSV-01	Air	06/20/25 13:10	06/23/25 09:30	Air Canister (6-Liter) #3462
200-78438-5	RXSV-09	Air	06/20/25 13:27	06/23/25 09:30	Air Canister (6-Liter) #2944
200-78438-6	RXSV-07	Air	06/20/25 16:15	06/23/25 09:30	Air Canister (6-Liter) #34000461

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Instrument ID: CHAM.i Analysis Batch Number: 216098

Lab Sample ID: IC 200-216098/6 Client Sample ID:

Date Analyzed: 05/12/25 18:29 Lab File ID: 65111_006.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propylene	4.27	Assign Peak	F7XK	05/13/25 09:43
1,3-Butadiene	5.29	Assign Peak	F7XK	05/13/25 09:44
Acrolein	7.83	Assign Peak	F7XK	05/13/25 09:45
Acetone	8.12	Assign Peak	F7XK	05/13/25 09:45
Isopropyl alcohol	8.42	Assign Peak	F7XK	05/13/25 09:46
Acetonitrile	8.65	Assign Peak	F7XK	05/13/25 09:46
Vinyl acetate	10.25	Assign Peak	F7XK	05/13/25 09:47
2-Chlorotoluene	21.83	Assign Peak	F7XK	05/13/25 09:50

Lab Sample ID: IC 200-216098/7 Client Sample ID:

Date Analyzed: 05/12/25 19:20 Lab File ID: 65111_007.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propylene	4.27	Assign Peak	F7XK	05/13/25 09:54
Acetone	8.11	Assign Peak	F7XK	05/13/25 10:12
Vinyl acetate	10.25	Assign Peak	F7XK	05/13/25 10:13

Lab Sample ID: IC 200-216098/8 Client Sample ID:

Date Analyzed: 05/12/25 20:12 Lab File ID: 65111_008.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acrylonitrile	9.37	Assign Peak	F7XK	05/13/25 10:18

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Instrument ID: CHAM.i Analysis Batch Number: 216098

Lab Sample ID: ICIS 200-216098/9 Client Sample ID:

Date Analyzed: 05/12/25 21:03 Lab File ID: 65111_009.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acrylonitrile	9.37	Assign Peak	F7XK	05/13/25 09:31

Lab Sample ID: IC 200-216098/10 Client Sample ID:

Date Analyzed: 05/12/25 21:54 Lab File ID: 65111_010.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	8.61	Assign Peak	F7XK	05/13/25 10:20
Acrylonitrile	9.37	Assign Peak	F7XK	05/13/25 10:21
2-Chlorotoluene	21.83	Assign Peak	F7XK	05/13/25 10:22

Lab Sample ID: IC 200-216098/13 Client Sample ID:

Date Analyzed: 05/13/25 00:28 Lab File ID: 65111_013.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acrylonitrile	9.37	Assign Peak	F7XK	05/13/25 12:21

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Instrument ID: CHAM.i Analysis Batch Number: 217811

Lab Sample ID: MB 200-217811/6 Client Sample ID:

Date Analyzed: 06/25/25 11:35 Lab File ID: 65727_006.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylbenzene		Invalid Compound ID	YWL8	06/26/25 09:42

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 217752

Lab Sample ID: IC 200-217752/4 Client Sample ID:

Date Analyzed: 06/23/25 16:41 Lab File ID: 65696-04.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
cis-1,2-Dichloroethene	11.74	Assign Peak	F7XK	06/24/25 11:41

Lab Sample ID: IC 200-217752/6 Client Sample ID:

Date Analyzed: 06/23/25 18:29 Lab File ID: 65696-06.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acrolein	7.81	Assign Peak	F7XK	06/24/25 11:45
Acetonitrile	8.75	Assign Peak	F7XK	06/24/25 11:45
Acrylonitrile	9.63	Assign Peak	F7XK	06/24/25 11:46
Vinyl acetate		Invalid Compound ID	F7XK	06/24/25 11:46
Methyl Ethyl Ketone (2-Butanone)	11.75	Assign Peak	F7XK	06/24/25 11:46
Cyclohexane	12.89	Assign Peak	F7XK	06/24/25 11:47
1,2-Dichloropropane	15.16	Assign Peak	F7XK	06/24/25 11:48
cis-1,3-Dichloropropene	16.47	Assign Peak	F7XK	06/24/25 11:48

Lab Sample ID: IC 200-217752/8 Client Sample ID:

Date Analyzed: 06/23/25 20:15 Lab File ID: 65696-08.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl methacrylate	15.22	Assign Peak	F7XK	06/24/25 11:55

Lab Sample ID: IC 200-217752/11 Client Sample ID:

Date Analyzed: 06/23/25 22:55 Lab File ID: 65696-11.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Pentane	6.99	Peak assignment corrected	F7XK	06/24/25 11:59
Methyl Butyl Ketone (2-Hexanone)	18.37	Assign Peak	F7XK	06/24/25 12:00

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 217752

Lab Sample ID: IC 200-217752/14 Client Sample ID:

Date Analyzed: 06/24/25 01:34 Lab File ID: 65696-14.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl methacrylate	15.21	Assign Peak	F7XK	06/24/25 13:36

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 217778

Lab Sample ID: CCVIS 200-217778/2 Client Sample ID:

Date Analyzed: 06/24/25 10:38 Lab File ID: 65709-02.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl methacrylate	15.22	Assign Peak	F7XK	06/25/25 10:06

Lab Sample ID: MB 200-217778/5 Client Sample ID:

Date Analyzed: 06/24/25 13:45 Lab File ID: 65709-05.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	8.48	Assign Peak	F7XK	06/25/25 10:07
Ethylbenzene		Invalid Compound ID	F7XK	06/25/25 10:08

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 217778

Lab Sample ID: 200-78438-1 Client Sample ID: RXSV-04

Date Analyzed: 06/24/25 16:28 Lab File ID: 65709-08.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	4.64	Assign Peak	F7XK	06/25/25 10:13
Chloroethane	6.10	Assign Peak	F7XK	06/25/25 10:14
Trichlorofluoromethane	6.75	Assign Peak	F7XK	06/25/25 10:14
Isopropyl alcohol	8.45	Assign Peak	F7XK	06/25/25 10:15
1,1,2,2-Tetrachloroethane		Invalid Compound ID	F7XK	06/25/25 10:20
1,1,2-Trichloroethane		Invalid Compound ID	F7XK	06/25/25 10:19
1,1,2-Trichlorotrifluoroethane		Assign Peak	F7XK	06/25/25 10:14
1,2-Dichloroethane		Assign Peak	F7XK	06/25/25 10:17
1,2-Dichloropropane		Invalid Compound ID	F7XK	06/25/25 10:18
1,3-Dichlorobenzene		Invalid Compound ID	F7XK	06/25/25 10:21
2-Chlorotoluene		Invalid Compound ID	F7XK	06/25/25 10:20
3-Chloropropene		Invalid Compound ID	F7XK	06/25/25 10:16
Bromoethene(Vinyl Bromide)		Invalid Compound ID	F7XK	06/25/25 10:14
Dibromochloromethane		Invalid Compound ID	F7XK	06/25/25 10:19
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	F7XK	06/25/25 10:19
Methyl methacrylate		Invalid Compound ID	F7XK	06/25/25 10:18
Tetrahydrofuran		Assign Peak	F7XK	06/25/25 10:16
trans-1,2-Dichloroethene		Invalid Compound ID	F7XK	06/25/25 10:16
trans-1,3-Dichloropropene		Invalid Compound ID	F7XK	06/25/25 10:19
Trichloroethene	14.67	Assign Peak	F7XK	06/25/25 10:18
4-Methyl-2-pentanone (Methyl isobutyl ketone)	16.72	Assign Peak	F7XK	06/25/25 10:18
Styrene	21.14	Assign Peak	F7XK	06/25/25 10:20
tert-Butylbenzene	23.12	Assign Peak	F7XK	06/25/25 10:21
sec-Butylbenzene	23.44	Assign Peak	F7XK	06/25/25 10:21
Benzyl chloride	23.93	Assign Peak	F7XK	06/25/25 10:22

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 217778

Lab Sample ID: 200-78438-2 Client Sample ID: DUP-SV-06202025

Date Analyzed: 06/24/25 18:16 Lab File ID: 65709-10.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	4.66	Assign Peak	F7XK	06/25/25 11:01
Chloroethane	6.11	Assign Peak	F7XK	06/25/25 11:02
Trichlorofluoromethane	6.76	Assign Peak	F7XK	06/25/25 11:02
Isopropyl alcohol	8.45	Assign Peak	F7XK	06/25/25 11:04
1,1,2,2-Tetrachloroethane		Invalid Compound ID	F7XK	06/25/25 11:08
1,1,2-Trichloroethane		Invalid Compound ID	F7XK	06/25/25 11:06
1,1,2-Trichlorotrifluoroethane		Assign Peak	F7XK	06/25/25 11:03
1,2-Dichlorobenzene		Invalid Compound ID	F7XK	06/25/25 11:09
1,2-Dichloropropane		Invalid Compound ID	F7XK	06/25/25 11:06
1,3-Dichlorobenzene		Invalid Compound ID	F7XK	06/25/25 11:09
2-Chlorotoluene		Invalid Compound ID	F7XK	06/25/25 11:08
3-Chloropropene		Invalid Compound ID	F7XK	06/25/25 11:04
Dibromochloromethane		Assign Peak	F7XK	06/25/25 11:07
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	F7XK	06/25/25 11:07
Methyl methacrylate		Invalid Compound ID	F7XK	06/25/25 11:06
Tetrahydrofuran		Assign Peak	F7XK	06/25/25 11:05
trans-1,2-Dichloroethene		Invalid Compound ID	F7XK	06/25/25 11:05
4-Methyl-2-pentanone (Methyl isobutyl ketone)	16.72	Assign Peak	F7XK	06/25/25 11:06
Styrene	21.13	Assign Peak	F7XK	06/25/25 11:08
tert-Butylbenzene	23.12	Assign Peak	F7XK	06/25/25 11:08
sec-Butylbenzene	23.44	Assign Peak	F7XK	06/25/25 11:09
Benzyl chloride	23.93	Assign Peak	F7XK	06/25/25 11:09

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 217778

Lab Sample ID: 200-78438-3 Client Sample ID: RXSV-05

Date Analyzed: 06/24/25 20:03 Lab File ID: 65709-12.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chlorodifluoromethane	4.24	Assign Peak	F7XK	06/25/25 11:17
Chloromethane	4.66	Assign Peak	F7XK	06/25/25 11:18
Chloroethane	6.11	Assign Peak	F7XK	06/25/25 11:18
1,1,2-Trichlorotrifluoroethane	8.03	Assign Peak	F7XK	06/25/25 11:19
1,1,2,2-Tetrachloroethane		Invalid Compound ID	F7XK	06/25/25 11:24
1,1,2-Trichloroethane		Invalid Compound ID	F7XK	06/25/25 11:23
1,2-Dichloropropane		Invalid Compound ID	F7XK	06/25/25 11:22
1,3-Dichlorobenzene		Invalid Compound ID	F7XK	06/25/25 11:25
1,4-Dichlorobenzene		Invalid Compound ID	F7XK	06/25/25 11:25
2-Chlorotoluene		Invalid Compound ID	F7XK	06/25/25 11:24
3-Chloropropene		Invalid Compound ID	F7XK	06/25/25 11:19
4-Methyl-2-pentanone (Methyl isobutyl ketone)		Invalid Compound ID	F7XK	06/25/25 11:23
Bromodichloromethane		Assign Peak	F7XK	06/25/25 11:22
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	F7XK	06/25/25 11:23
Methyl methacrylate		Invalid Compound ID	F7XK	06/25/25 11:22
Styrene		Invalid Compound ID	F7XK	06/25/25 11:23
tert-Butylbenzene		Assign Peak	F7XK	06/25/25 11:24
Vinyl chloride		Invalid Compound ID	F7XK	06/25/25 11:18
Chloroform	12.38	Assign Peak	F7XK	06/25/25 11:21
Trichloroethene	14.67	Assign Peak	F7XK	06/25/25 11:22
sec-Butylbenzene	23.44	Assign Peak	F7XK	06/25/25 11:25
Benzyl chloride	23.93	Assign Peak	F7XK	06/25/25 11:25

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 217778

Lab Sample ID: 200-78438-4 Client Sample ID: RXSV-01

Date Analyzed: 06/24/25 21:48 Lab File ID: 65709-14.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	4.21	Assign Peak	F7XK	06/25/25 11:32
Chloromethane	4.66	Assign Peak	F7XK	06/25/25 11:32
Trichlorofluoromethane	6.75	Assign Peak	F7XK	06/25/25 11:33
1,1,2,2-Tetrachloroethane		Invalid Compound ID	F7XK	06/25/25 11:38
1,1,2-Trichloroethane		Invalid Compound ID	F7XK	06/25/25 11:37
1,2-Dichloropropane		Invalid Compound ID	F7XK	06/25/25 11:36
1,3-Butadiene		Invalid Compound ID	F7XK	06/25/25 11:33
1,4-Dichlorobenzene		Assign Peak	F7XK	06/25/25 11:39
2-Chlorotoluene		Invalid Compound ID	F7XK	06/25/25 11:38
4-Methyl-2-pentanone (Methyl isobutyl ketone)		Invalid Compound ID	F7XK	06/25/25 11:37
Acetone		Invalid Compound ID	F7XK	06/25/25 11:33
Chlorobenzene		Assign Peak	F7XK	06/25/25 11:37
Isopropyl alcohol		Assign Peak	F7XK	06/25/25 11:34
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	F7XK	06/25/25 11:37
Methyl Ethyl Ketone (2-Butanone)		Invalid Compound ID	F7XK	06/25/25 11:35
Methyl methacrylate		Invalid Compound ID	F7XK	06/25/25 11:36
Methyl tert-butyl ether		Invalid Compound ID	F7XK	06/25/25 11:34
trans-1,3-Dichloropropene		Invalid Compound ID	F7XK	06/25/25 11:37
Chloroform	12.38	Assign Peak	F7XK	06/25/25 11:35
2,2,4-Trimethylpentane	13.64	Assign Peak	F7XK	06/25/25 11:36
Benzyl chloride	23.93	Assign Peak	F7XK	06/25/25 11:39

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 217778

Lab Sample ID: 200-78438-5 Client Sample ID: RXSV-09

Date Analyzed: 06/24/25 23:34 Lab File ID: 65709-16.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroethane	6.11	Assign Peak	F7XK	06/25/25 11:46
1,1,2,2-Tetrachloroethane		Invalid Compound ID	F7XK	06/25/25 11:49
1,1,2-Trichloroethane		Invalid Compound ID	F7XK	06/25/25 11:49
1,1,2-Trichlorotrifluoroethane		Assign Peak	F7XK	06/25/25 11:46
1,2,4-Trichlorobenzene		Invalid Compound ID	F7XK	06/25/25 11:51
1,2-Dichloropropane		Invalid Compound ID	F7XK	06/25/25 11:48
1,4-Dichlorobenzene		Invalid Compound ID	F7XK	06/25/25 11:50
2-Chlorotoluene		Invalid Compound ID	F7XK	06/25/25 11:49
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	F7XK	06/25/25 11:49
Methyl methacrylate		Invalid Compound ID	F7XK	06/25/25 11:48
Styrene		Invalid Compound ID	F7XK	06/25/25 11:49
tert-Butylbenzene		Assign Peak	F7XK	06/25/25 11:50
Bromodichloromethane	15.63	Assign Peak	F7XK	06/25/25 11:48
4-Methyl-2-pentanone (Methyl isobutyl ketone)	16.74	Assign Peak	F7XK	06/25/25 11:48
sec-Butylbenzene	23.44	Assign Peak	F7XK	06/25/25 11:50
Benzyl chloride	23.93	Assign Peak	F7XK	06/25/25 11:50

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 217812

Lab Sample ID: MB 200-217812/5 Client Sample ID:

Date Analyzed: 06/25/25 11:12 Lab File ID: 65728-05.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylbenzene		Invalid Compound ID	YWL8	06/26/25 11:09

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 217812

Lab Sample ID: 200-78438-6 Client Sample ID: RXSV-07

Date Analyzed: 06/26/25 05:29 Lab File ID: 65728-26.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroethane	6.11	Baseline	BKZ7	06/26/25 08:52
1,1,2,2-Tetrachloroethane		Invalid Compound ID	BKZ7	06/26/25 08:54
1,1,2-Trichloroethane		Invalid Compound ID	BKZ7	06/26/25 08:54
1,1-Dichloroethane		Invalid Compound ID	BKZ7	06/26/25 08:53
1,2-Dibromoethane		Invalid Compound ID	BKZ7	06/26/25 08:54
1,2-Dichloroethane		Invalid Compound ID	BKZ7	06/26/25 08:53
1,2-Dichloropropane		Invalid Compound ID	BKZ7	06/26/25 08:53
1,2-Dichlorotetrafluoroethane		Invalid Compound ID	BKZ7	06/26/25 08:52
1,3-Butadiene		Invalid Compound ID	BKZ7	06/26/25 08:52
2-Chlorotoluene		Invalid Compound ID	BKZ7	06/26/25 08:54
4-Isopropyltoluene		Invalid Compound ID	BKZ7	06/26/25 08:54
4-Methyl-2-pentanone (Methyl isobutyl ketone)		Invalid Compound ID	BKZ7	06/26/25 08:54
Acetone		Invalid Compound ID	BKZ7	06/26/25 08:53
Chlorobenzene		Invalid Compound ID	BKZ7	06/26/25 08:54
Chloroform		Invalid Compound ID	BKZ7	06/26/25 08:53
Chloromethane		Invalid Compound ID	BKZ7	06/26/25 08:52
cis-1,2-Dichloroethene		Invalid Compound ID	BKZ7	06/26/25 08:53
Dibromochloromethane		Invalid Compound ID	BKZ7	06/26/25 08:54
Ethylbenzene		Invalid Compound ID	BKZ7	06/26/25 08:54
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	BKZ7	06/26/25 08:54
Methyl methacrylate		Invalid Compound ID	BKZ7	06/26/25 08:54
Methylene Chloride		Invalid Compound ID	BKZ7	06/26/25 08:53
Styrene		Invalid Compound ID	BKZ7	06/26/25 08:54
Vinyl chloride		Invalid Compound ID	BKZ7	06/26/25 08:52

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 217812

Lab Sample ID: 200-78438-6 DL Client Sample ID: RXSV-07 DL

Date Analyzed: 06/26/25 06:21 Lab File ID: 65728-27.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2,2-Tetrachloroethane		Invalid Compound ID	BKZ7	06/26/25 08:56
1,1,2-Trichloroethane		Invalid Compound ID	BKZ7	06/26/25 08:56
1,1-Dichloroethane		Invalid Compound ID	BKZ7	06/26/25 08:55
1,2-Dichloropropane		Invalid Compound ID	BKZ7	06/26/25 08:56
1,3-Butadiene		Invalid Compound ID	BKZ7	06/26/25 08:55
2-Chlorotoluene		Invalid Compound ID	BKZ7	06/26/25 08:56
4-Methyl-2-pentanone (Methyl isobutyl ketone)		Invalid Compound ID	BKZ7	06/26/25 08:56
Acetone		Invalid Compound ID	BKZ7	06/26/25 08:55
Chloroform		Invalid Compound ID	BKZ7	06/26/25 08:55
Chloromethane		Invalid Compound ID	BKZ7	06/26/25 08:55
Ethylbenzene		Invalid Compound ID	BKZ7	06/26/25 08:56
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	BKZ7	06/26/25 08:56
Methyl methacrylate		Invalid Compound ID	BKZ7	06/26/25 08:56
Methyl tert-butyl ether		Invalid Compound ID	BKZ7	06/26/25 08:55
Methylene Chloride		Invalid Compound ID	BKZ7	06/26/25 08:55
o-Xylene		Invalid Compound ID	BKZ7	06/26/25 08:56
trans-1,2-Dichloroethene		Invalid Compound ID	BKZ7	06/26/25 08:55
Trichloroethene		Invalid Compound ID	BKZ7	06/26/25 08:55
Vinyl chloride		Invalid Compound ID	BKZ7	06/26/25 08:55
m,p-Xylene	20.41	Baseline	BKZ7	06/26/25 08:56

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15AMISs_00004							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	
							Xylenes, Total	
ATTO15CAL1w_00276	07/30/25	05/07/25	Nitrogen, Lot 12	15.463 L	ATTO15CAL6w_00243	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
							1,1,2-Trichlorotrifluoroethane	0.20044 ppb v/v
							1,1-Dichloroethane	0.20044 ppb v/v
							1,1-Dichloroethene	0.20044 ppb v/v
							1,2,3-Trichlorobenzene	0.233512 ppb v/v
							1,2,3-Trichloropropane	0.20044 ppb v/v
							1,2,4-Trichlorobenzene	0.235116 ppb v/v
							1,2,4-Trimethylbenzene	0.20044 ppb v/v
							1,2-Dibromoethane	0.20044 ppb v/v
							1,2-Dichlorobenzene	0.20044 ppb v/v
							1,2-Dichloroethane	0.20044 ppb v/v
							1,2-Dichloropropane	0.20044 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.20044 ppb v/v
							1,3,5-Trimethylbenzene	0.20044 ppb v/v
							1,3-Butadiene	0.20044 ppb v/v
							1,3-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dioxane	0.20044 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

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	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
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.20044 ppb v/v
							Acetone	0.20044 ppb v/v
							Acetonitrile	0.20044 ppb v/v
							Acrolein	0.234715 ppb v/v
							Acrylonitrile	0.20044 ppb v/v
							Alpha Methyl Styrene	0.20044 ppb v/v
							Benzene	0.20044 ppb v/v
							Benzyl chloride	0.20044 ppb v/v
							Bromodichloromethane	0.20044 ppb v/v
							Bromoethene(Vinyl Bromide)	0.20044 ppb v/v
							Bromoform	0.20044 ppb v/v
							Bromomethane	0.20044 ppb v/v
							Carbon disulfide	0.20044 ppb v/v
							Carbon tetrachloride	0.20044 ppb v/v
							Chlorobenzene	0.20044 ppb v/v
							Chlorodifluoromethane	0.20044 ppb v/v
							Chloroethane	0.20044 ppb v/v
							Chloroform	0.20044 ppb v/v
							Chloromethane	0.20044 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	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
							Ethyl acetate	0.20044 ppb v/v
							Ethyl ether	0.20044 ppb v/v
							Ethylbenzene	0.20044 ppb v/v
							Hexachlorobutadiene	0.225294 ppb v/v
							Isopropyl alcohol	0.23231 ppb v/v
							m,p-Xylene	0.400879 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.20044 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	0.20044 ppb v/v
							Methyl methacrylate	0.20044 ppb v/v
							Methyl tert-butyl ether	0.20044 ppb v/v
							Methylene Chloride	0.20044 ppb v/v
							n-Butane	0.20044 ppb v/v
							n-Butanol	0.20044 ppb v/v
							n-Butylbenzene	0.20044 ppb v/v
							n-Decane	0.20044 ppb v/v
							n-Heptane	0.20044 ppb v/v
							n-Hexane	0.20044 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Nonane	0.20044 ppb v/v
							n-Octane	0.20044 ppb v/v
							n-Propylbenzene	0.20044 ppb v/v
							Naphthalene	0.238323 ppb v/v
							o-Xylene	0.20044 ppb v/v
							Pentane	0.20044 ppb v/v
							Propene	0.20044 ppb v/v
							sec-Butylbenzene	0.20044 ppb v/v
							Styrene	0.20044 ppb v/v
							tert-Butyl alcohol	0.20044 ppb v/v
							tert-Butylbenzene	0.20044 ppb v/v
							Tetrachloroethene	0.20044 ppb v/v
							Tetrahydrofuran	0.20044 ppb v/v
							Toluene	0.20044 ppb v/v
							trans-1,2-Dichloroethene	0.20044 ppb v/v
							trans-1,3-Dichloropropene	0.20044 ppb v/v
							Trichloroethene	0.20044 ppb v/v
							Trichlorofluoromethane	0.20044 ppb v/v
							Undecane	0.20044 ppb v/v
							Vinyl acetate	0.228301 ppb v/v
							Vinyl chloride	0.20044 ppb v/v
							Ethanol	0.400944 ppb v/v
.ATTO15CAL6w_00243	07/30/25	05/07/25	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00193	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetonitrile	19.9961 ppb v/v
							Acrolein	23.4155 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							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
							Chlorodifluoromethane	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.: 200-78438-1

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
							Hexachlorobutadiene	22.4756 ppb v/v
							Isopropyl alcohol	23.1755 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	23.7754 ppb v/v
							o-Xylene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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	22.7756 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
					ATTO15EthCALw_00180	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00193	07/30/25	04/30/25	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	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
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 ppb v/v
...ATTO15CALs_00050	11/22/25		Linde, Lot CC-524925		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							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
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
..ATTO15EthCALw_00180	08/30/25	05/07/25	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
ATTO15CAL1w_00277	08/30/25	06/20/25	Nitrogen, Lot 12	15.463 L	ATTO15CAL6w_00244	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
							1,1,2-Trichlorotrifluoroethane	0.20044 ppb v/v
							1,1-Dichloroethane	0.20044 ppb v/v
							1,1-Dichloroethene	0.20044 ppb v/v
							1,2,3-Trichlorobenzene	0.233512 ppb v/v
							1,2,3-Trichloropropane	0.20044 ppb v/v
							1,2,4-Trichlorobenzene	0.235116 ppb v/v
							1,2,4-Trimethylbenzene	0.20044 ppb v/v
							1,2-Dibromoethane	0.20044 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	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
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.20044 ppb v/v
							Acetone	0.20044 ppb v/v
							Acetonitrile	0.20044 ppb v/v
							Acrolein	0.234715 ppb v/v
							Acrylonitrile	0.20044 ppb v/v
							Alpha Methyl Styrene	0.20044 ppb v/v
							Benzene	0.20044 ppb v/v
							Benzyl chloride	0.20044 ppb v/v
							Bromodichloromethane	0.20044 ppb v/v
							Bromoethene(Vinyl Bromide)	0.20044 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Chlorodifluoromethane	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
							Ethyl acetate	0.20044 ppb v/v
							Ethyl ether	0.20044 ppb v/v
							Ethylbenzene	0.20044 ppb v/v
							Hexachlorobutadiene	0.225294 ppb v/v
							Isopropyl alcohol	0.23231 ppb v/v
							m,p-Xylene	0.400879 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.20044 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	0.20044 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	0.20044 ppb v/v
							Methyl tert-butyl ether	0.20044 ppb v/v
							Methylene Chloride	0.20044 ppb v/v
							n-Butane	0.20044 ppb v/v
							n-Butanol	0.20044 ppb v/v
							n-Butylbenzene	0.20044 ppb v/v
							n-Decane	0.20044 ppb v/v
							n-Heptane	0.20044 ppb v/v
							n-Hexane	0.20044 ppb v/v
							n-Nonane	0.20044 ppb v/v
							n-Octane	0.20044 ppb v/v
							n-Propylbenzene	0.20044 ppb v/v
							Naphthalene	0.238323 ppb v/v
							o-Xylene	0.20044 ppb v/v
							Pentane	0.20044 ppb v/v
							Propene	0.20044 ppb v/v
							sec-Butylbenzene	0.20044 ppb v/v
							Styrene	0.20044 ppb v/v
							tert-Butyl alcohol	0.20044 ppb v/v
							tert-Butylbenzene	0.20044 ppb v/v
							Tetrachloroethene	0.20044 ppb v/v
							Tetrahydrofuran	0.20044 ppb v/v
							Toluene	0.20044 ppb v/v
							trans-1,2-Dichloroethene	0.20044 ppb v/v
							trans-1,3-Dichloropropene	0.20044 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	0.20044 ppb v/v
							Trichlorofluoromethane	0.20044 ppb v/v
							Undecane	0.20044 ppb v/v
							Vinyl acetate	0.228301 ppb v/v
							Vinyl chloride	0.20044 ppb v/v
							Ethanol	0.400944 ppb v/v
.ATTO15CAL6w_00244	08/30/25	06/20/25	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00194	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
							1,1,2-Trichlorotrifluoroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	23.2955 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	23.4554 ppb v/v
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Hexachlorobutadiene	22.4756 ppb v/v
							Isopropyl alcohol	23.1755 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	23.7754 ppb v/v
							o-Xylene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	22.7756 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
					ATTO15EthCALw_00181	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00194	09/17/25	06/17/25	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 ppb v/v
...ATTO15CALs_00050	11/22/25		Linde, Lot CC-524925		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
..ATTO15EthCALw_00181	08/30/25	06/19/25	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_00358	07/30/25	05/07/25	Nitrogen, Lot 12	15.463 L	ATTO15CAL6w_00243	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichlorotrifluoroethane	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	0.583027 ppb v/v
							1,2,3-Trichloropropane	0.500453 ppb v/v
							1,2,4-Trichlorobenzene	0.587031 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
							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
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.500453 ppb v/v
							Acetone	0.500453 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetonitrile	0.500453 ppb v/v
							Acrolein	0.58603 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
							Chlorodifluoromethane	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl acetate	0.500453 ppb v/v
							Ethyl ether	0.500453 ppb v/v
							Ethylbenzene	0.500453 ppb v/v
							Hexachlorobutadiene	0.562509 ppb v/v
							Isopropyl alcohol	0.580025 ppb v/v
							m,p-Xylene	1.00091 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.500453 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	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	0.500453 ppb v/v
							n-Butylbenzene	0.500453 ppb v/v
							n-Decane	0.500453 ppb v/v
							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	0.595038 ppb v/v
							o-Xylene	0.500453 ppb v/v
							Pentane	0.500453 ppb v/v
							Propene	0.500453 ppb v/v
							sec-Butylbenzene	0.500453 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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	0.570015 ppb v/v
							Vinyl chloride	0.500453 ppb v/v
							Ethanol	5.01064 ppb v/v
					ATTO15EthCALw_00180	124 mL	Ethanol	5.01064 ppb v/v
.ATTO15CAL6w_00243	07/30/25	05/07/25	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00193	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
							1,1,2-Trichlorotrifluoroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	23.2955 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	23.4554 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

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
							Chlorodifluoromethane	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
							Hexachlorobutadiene	22.4756 ppb v/v
							Isopropyl alcohol	23.1755 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone (2-Butanone)	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	23.7754 ppb v/v
							o-Xylene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78438-1

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	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	22.7756 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
					ATTO15EthCALw_00180	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00193	07/30/25	04/30/25	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Chlorodifluoromethane	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
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 ppb v/v
...ATTO15CALs_00050	11/22/25		Linde, Lot CC-524925		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

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
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							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
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-78438-1

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	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
..ATTO15EthCALw_00180	08/30/25	05/07/25	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_00180	08/30/25	05/07/25	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_00359	08/30/25	06/20/25	Nitrogen, Lot 12	15.463 L	ATTO15CAL6w_00244	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
							1,1,2-Trichlorotrifluoroethane	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	0.583027 ppb v/v
							1,2,3-Trichloropropane	0.500453 ppb v/v
							1,2,4-Trichlorobenzene	0.587031 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	0.500453 ppb v/v
							1,4-Dichlorobenzene	0.500453 ppb v/v
							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
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.500453 ppb v/v
							Acetone	0.500453 ppb v/v
							Acetonitrile	0.500453 ppb v/v
							Acrolein	0.58603 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
							Chlorodifluoromethane	0.500453 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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
							Hexachlorobutadiene	0.562509 ppb v/v
							Isopropyl alcohol	0.580025 ppb v/v
							m,p-Xylene	1.00091 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.500453 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	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	0.500453 ppb v/v
							n-Butylbenzene	0.500453 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	0.500453 ppb v/v
							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	0.595038 ppb v/v
							o-Xylene	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	0.570015 ppb v/v
							Vinyl chloride	0.500453 ppb v/v
							Ethanol	5.01064 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					ATTO15EthCALw_00181	124 mL	Ethanol	5.01064 ppb v/v
.ATTO15CAL6w_00244	08/30/25	06/20/25	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00194	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
							1,1,2-Trichlorotrifluoroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	23.2955 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	23.4554 ppb v/v
							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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	23.4155 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							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
							Chlorodifluoromethane	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							o-Xylene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	22.7756 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
					ATTO15EthCALw_00181	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00194	09/17/25	06/17/25	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	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
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

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)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 ppb v/v
...ATTO15CALs_00050	11/22/25		Linde, Lot CC-524925		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							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
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
..ATTO15EthCALw_00181	08/30/25	06/19/25	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_00181	08/30/25	06/19/25	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_00286	07/30/25	05/07/25	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00193	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
							1,1,2-Trichlorotrifluoroethane	4.99256 ppb v/v
							1,1-Dichloroethane	4.99256 ppb v/v
							1,1-Dichloroethene	4.99256 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	5.81634 ppb v/v
							1,2,3-Trichloropropane	4.99256 ppb v/v
							1,2,4-Trichlorobenzene	5.85628 ppb v/v
							1,2,4-Trimethylbenzene	4.99256 ppb v/v
							1,2-Dibromoethane	4.99256 ppb v/v
							1,2-Dichlorobenzene	4.99256 ppb v/v
							1,2-Dichloroethane	4.99256 ppb v/v
							1,2-Dichloropropane	4.99256 ppb v/v
							1,2-Dichlorotetrafluoroethane	4.99256 ppb v/v
							1,3,5-Trimethylbenzene	4.99256 ppb v/v
							1,3-Butadiene	4.99256 ppb v/v
							1,3-Dichlorobenzene	4.99256 ppb v/v
							1,4-Dichlorobenzene	4.99256 ppb v/v
							1,4-Dioxane	4.99256 ppb v/v
							2,2,4-Trimethylpentane	4.99256 ppb v/v
							2-Chlorotoluene	4.99256 ppb v/v
							2-Methylbutane	4.99256 ppb v/v
							3-Chloropropene	4.99256 ppb v/v
							4-Ethyltoluene	4.99256 ppb v/v
							4-Isopropyltoluene	4.99256 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	4.99256 ppb v/v
							Acetone	4.99256 ppb v/v
							Acetonitrile	4.99256 ppb v/v
							Acrolein	5.84629 ppb v/v
							Acrylonitrile	4.99256 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Alpha Methyl Styrene	4.99256 ppb v/v
							Benzene	4.99256 ppb v/v
							Benzyl chloride	4.99256 ppb v/v
							Bromodichloromethane	4.99256 ppb v/v
							Bromoethene(Vinyl Bromide)	4.99256 ppb v/v
							Bromoform	4.99256 ppb v/v
							Bromomethane	4.99256 ppb v/v
							Carbon disulfide	4.99256 ppb v/v
							Carbon tetrachloride	4.99256 ppb v/v
							Chlorobenzene	4.99256 ppb v/v
							Chlorodifluoromethane	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	5.61164 ppb v/v
							Isopropyl alcohol	5.78638 ppb v/v
							m,p-Xylene	9.98513 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	4.99256 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	4.99256 ppb v/v
							Methyl methacrylate	4.99256 ppb v/v
							Methyl tert-butyl ether	4.99256 ppb v/v
							Methylene Chloride	4.99256 ppb v/v
							n-Butane	4.99256 ppb v/v
							n-Butanol	4.99256 ppb v/v
							n-Butylbenzene	4.99256 ppb v/v
							n-Decane	4.99256 ppb v/v
							n-Heptane	4.99256 ppb v/v
							n-Hexane	4.99256 ppb v/v
							n-Nonane	4.99256 ppb v/v
							n-Octane	4.99256 ppb v/v
							n-Propylbenzene	4.99256 ppb v/v
							Naphthalene	5.93616 ppb v/v
							o-Xylene	4.99256 ppb v/v
							Pentane	4.99256 ppb v/v
							Propene	4.99256 ppb v/v
							sec-Butylbenzene	4.99256 ppb v/v
							Styrene	4.99256 ppb v/v
							tert-Butyl alcohol	4.99256 ppb v/v
							tert-Butylbenzene	4.99256 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloroethene	4.99256 ppb v/v
							Tetrahydrofuran	4.99256 ppb v/v
							Toluene	4.99256 ppb v/v
							trans-1,2-Dichloroethene	4.99256 ppb v/v
							trans-1,3-Dichloropropene	4.99256 ppb v/v
							Trichloroethene	4.99256 ppb v/v
							Trichlorofluoromethane	4.99256 ppb v/v
							Undecane	4.99256 ppb v/v
							Vinyl acetate	5.68653 ppb v/v
							Vinyl chloride	4.99256 ppb v/v
					ATTO15EthCALw_00180	309 mL	Ethanol	9.99159 ppb v/v
.ATTO15CALSTKi_00193	07/30/25	04/30/25	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	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
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00050	11/22/25		Linde, Lot CC-524925		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							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
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	1.189 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00180	08/30/25	05/07/25	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_00287	08/30/25	06/20/25	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00194	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
							1,1,2-Trichlorotrifluoroethane	4.99256 ppb v/v
							1,1-Dichloroethane	4.99256 ppb v/v
							1,1-Dichloroethene	4.99256 ppb v/v
							1,2,3-Trichlorobenzene	5.81634 ppb v/v
							1,2,3-Trichloropropane	4.99256 ppb v/v
							1,2,4-Trichlorobenzene	5.85628 ppb v/v
							1,2,4-Trimethylbenzene	4.99256 ppb v/v
							1,2-Dibromoethane	4.99256 ppb v/v
							1,2-Dichlorobenzene	4.99256 ppb v/v
							1,2-Dichloroethane	4.99256 ppb v/v
							1,2-Dichloropropane	4.99256 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	4.99256 ppb v/v
							Acetone	4.99256 ppb v/v
							Acetonitrile	4.99256 ppb v/v
							Acrolein	5.84629 ppb v/v
							Acrylonitrile	4.99256 ppb v/v
							Alpha Methyl Styrene	4.99256 ppb v/v
							Benzene	4.99256 ppb v/v
							Benzyl chloride	4.99256 ppb v/v
							Bromodichloromethane	4.99256 ppb v/v
							Bromoethene(Vinyl Bromide)	4.99256 ppb v/v
							Bromoform	4.99256 ppb v/v
							Bromomethane	4.99256 ppb v/v
							Carbon disulfide	4.99256 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	4.99256 ppb v/v
							Chlorobenzene	4.99256 ppb v/v
							Chlorodifluoromethane	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
							Hexachlorobutadiene	5.61164 ppb v/v
							Isopropyl alcohol	5.78638 ppb v/v
							m,p-Xylene	9.98513 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	4.99256 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	4.99256 ppb v/v
							Methyl methacrylate	4.99256 ppb v/v
							Methyl tert-butyl ether	4.99256 ppb v/v
							Methylene Chloride	4.99256 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butane	4.99256 ppb v/v
							n-Butanol	4.99256 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	5.93616 ppb v/v
							o-Xylene	4.99256 ppb v/v
							Pentane	4.99256 ppb v/v
							Propene	4.99256 ppb v/v
							sec-Butylbenzene	4.99256 ppb v/v
							Styrene	4.99256 ppb v/v
							tert-Butyl alcohol	4.99256 ppb v/v
							tert-Butylbenzene	4.99256 ppb v/v
							Tetrachloroethene	4.99256 ppb v/v
							Tetrahydrofuran	4.99256 ppb v/v
							Toluene	4.99256 ppb v/v
							trans-1,2-Dichloroethene	4.99256 ppb v/v
							trans-1,3-Dichloropropene	4.99256 ppb v/v
							Trichloroethene	4.99256 ppb v/v
							Trichlorofluoromethane	4.99256 ppb v/v
							Undecane	4.99256 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl acetate	5.68653 ppb v/v
							Vinyl chloride	4.99256 ppb v/v
					ATTO15EthCALw_00181	309 mL	Ethanol	9.99159 ppb v/v
.ATTO15CALSTKi_00194	09/17/25	06/17/25	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorodifluoromethane	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
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00050	11/22/25		Linde, Lot CC-524925		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00181	08/30/25	06/19/25	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_00834	07/30/25	05/07/25	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00193	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
							1,1,2-Trichlorotrifluoroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,3-Trichlorobenzene	11.6477 ppb v/v
							1,2,3-Trichloropropane	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	11.7277 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							2-Methylbutane	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Acetonitrile	9.99806 ppb v/v
							Acrolein	11.7077 ppb v/v
							Acrylonitrile	9.99806 ppb v/v
							Alpha Methyl Styrene	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chlorodifluoromethane	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	11.8877 ppb v/v
							o-Xylene	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	11.3878 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
					ATTO15EthCALw_00180	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00193	07/30/25	04/30/25	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	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
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

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)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00050	11/22/25		Linde, Lot CC-524925		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							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
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00180	08/30/25	05/07/25	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_00835	08/30/25	06/20/25	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00194	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
							1,1,2-Trichlorotrifluoroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,3-Trichlorobenzene	11.6477 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

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	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	11.7277 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							2-Methylbutane	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Acetonitrile	9.99806 ppb v/v
							Acrolein	11.7077 ppb v/v
							Acrylonitrile	9.99806 ppb v/v
							Alpha Methyl Styrene	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Chlorodifluoromethane	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dibromomethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							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
							Hexachlorobutadiene	11.2378 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Undecane	9.99806 ppb v/v
							Vinyl acetate	11.3878 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
					ATTO15EthCALw_00181	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00194	09/17/25	06/17/25	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	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
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00050	11/22/25		Linde, Lot CC-524925		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							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
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00181	08/30/25	06/19/25	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
ATTO15CAL5w_00153	07/30/25	05/07/25	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00193	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
							1,1,2-Trichlorotrifluoroethane	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	17.4791 ppb v/v
							1,2,3-Trichloropropane	15.0036 ppb v/v
							1,2,4-Trichlorobenzene	17.5992 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Butadiene	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
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	15.0036 ppb v/v
							Acetone	15.0036 ppb v/v
							Acetonitrile	15.0036 ppb v/v
							Acrolein	17.5692 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorodifluoromethane	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
							Ethyl acetate	15.0036 ppb v/v
							Ethyl ether	15.0036 ppb v/v
							Ethylbenzene	15.0036 ppb v/v
							Hexachlorobutadiene	16.864 ppb v/v
							Isopropyl alcohol	17.3891 ppb v/v
							m,p-Xylene	30.0071 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	15.0036 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	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	15.0036 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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	17.8392 ppb v/v
							o-Xylene	15.0036 ppb v/v
							Pentane	15.0036 ppb v/v
							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	17.0891 ppb v/v
							Vinyl chloride	15.0036 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					ATTO15EthCALw_00180	620 mL	Ethanol	20.0479 ppb v/v
.ATTO15CALSTKi_00193	07/30/25	04/30/25	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	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
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..ATTO15CALs_00050	11/22/25		Linde, Lot CC-524925		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00180	08/30/25	05/07/25	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL6w_00243	07/30/25	05/07/25	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00193	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
							1,1,2-Trichlorotrifluoroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	23.2955 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	23.4554 ppb v/v
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	19.9961 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	23.4155 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							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
							Chlorodifluoromethane	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	22.7756 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
					ATTO15EthCALw_00180	1237 mL	Ethanol	39.9987 ppb v/v
.ATTO15CALSTKi_00193	07/30/25	04/30/25	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	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
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00050	11/22/25		Linde, Lot CC-524925		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							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
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00180	08/30/25	05/07/25	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_00244	08/30/25	06/20/25	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00194	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
							1,1,2-Trichlorotrifluoroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	23.2955 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

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	23.4554 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	23.4155 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Chlorodifluoromethane	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
							Hexachlorobutadiene	22.4756 ppb v/v
							Isopropyl alcohol	23.1755 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	22.7756 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
					ATTO15EthCALw_00181	1237 mL	Ethanol	39.9987 ppb v/v
.ATTO15CALSTKi_00194	09/17/25	06/17/25	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Chlorodifluoromethane	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
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00050	11/22/25		Linde, Lot CC-524925		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							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
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00181	08/30/25	06/19/25	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_00153	07/30/25	05/07/25	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00193	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
							1,1,2-Trichlorotrifluoroethane	39.9922 ppb v/v
							1,1-Dichloroethane	39.9922 ppb v/v
							1,1-Dichloroethene	39.9922 ppb v/v
							1,2,3-Trichlorobenzene	46.591 ppb v/v
							1,2,3-Trichloropropane	39.9922 ppb v/v
							1,2,4-Trichlorobenzene	46.9109 ppb v/v
							1,2,4-Trimethylbenzene	39.9922 ppb v/v
							1,2-Dibromoethane	39.9922 ppb v/v
							1,2-Dichlorobenzene	39.9922 ppb v/v
							1,2-Dichloroethane	39.9922 ppb v/v
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	39.9922 ppb v/v
							Chloroform	39.9922 ppb v/v
							Chloromethane	39.9922 ppb v/v
							cis-1,2-Dichloroethene	39.9922 ppb v/v
							cis-1,3-Dichloropropene	39.9922 ppb v/v
							Cumene	39.9922 ppb v/v
							Cyclohexane	39.9922 ppb v/v
							Dibromochloromethane	39.9922 ppb v/v
							Dibromomethane	39.9922 ppb v/v
							Dichlorodifluoromethane	39.9922 ppb v/v
							Dodecane	39.9922 ppb v/v
							Ethyl acetate	39.9922 ppb v/v
							Ethyl ether	39.9922 ppb v/v
							Ethylbenzene	39.9922 ppb v/v
							Hexachlorobutadiene	44.9513 ppb v/v
							Isopropyl alcohol	46.351 ppb v/v
							m,p-Xylene	79.9845 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	39.9922 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	39.9922 ppb v/v
							Methyl methacrylate	39.9922 ppb v/v
							Methyl tert-butyl ether	39.9922 ppb v/v
							Methylene Chloride	39.9922 ppb v/v
							n-Butane	39.9922 ppb v/v
							n-Butanol	39.9922 ppb v/v
							n-Butylbenzene	39.9922 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	39.9922 ppb v/v
							n-Heptane	39.9922 ppb v/v
							n-Hexane	39.9922 ppb v/v
							n-Nonane	39.9922 ppb v/v
							n-Octane	39.9922 ppb v/v
							n-Propylbenzene	39.9922 ppb v/v
							Naphthalene	47.5508 ppb v/v
							o-Xylene	39.9922 ppb v/v
							Pentane	39.9922 ppb v/v
							Propene	39.9922 ppb v/v
							sec-Butylbenzene	39.9922 ppb v/v
							Styrene	39.9922 ppb v/v
							tert-Butyl alcohol	39.9922 ppb v/v
							tert-Butylbenzene	39.9922 ppb v/v
							Tetrachloroethene	39.9922 ppb v/v
							Tetrahydrofuran	39.9922 ppb v/v
							Toluene	39.9922 ppb v/v
							trans-1,2-Dichloroethene	39.9922 ppb v/v
							trans-1,3-Dichloropropene	39.9922 ppb v/v
							Trichloroethene	39.9922 ppb v/v
							Trichlorofluoromethane	39.9922 ppb v/v
							Undecane	39.9922 ppb v/v
							Vinyl acetate	45.5512 ppb v/v
							Vinyl chloride	39.9922 ppb v/v
					ATTO15EthCALw_00180	3092 mL	Ethanol	99.9806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.ATTO15CALSTKi_00193	07/30/25	04/30/25	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00050	11/22/25		Linde, Lot CC-524925		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00180	08/30/25	05/07/25	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL7w_00154	08/30/25	06/20/25	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00194	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
							1,1,2-Trichlorotrifluoroethane	39.9922 ppb v/v
							1,1-Dichloroethane	39.9922 ppb v/v
							1,1-Dichloroethene	39.9922 ppb v/v
							1,2,3-Trichlorobenzene	46.591 ppb v/v
							1,2,3-Trichloropropane	39.9922 ppb v/v
							1,2,4-Trichlorobenzene	46.9109 ppb v/v
							1,2,4-Trimethylbenzene	39.9922 ppb v/v
							1,2-Dibromoethane	39.9922 ppb v/v
							1,2-Dichlorobenzene	39.9922 ppb v/v
							1,2-Dichloroethane	39.9922 ppb v/v
							1,2-Dichloropropane	39.9922 ppb v/v
							1,2-Dichlorotetrafluoroethane	39.9922 ppb v/v
							1,3,5-Trimethylbenzene	39.9922 ppb v/v
							1,3-Butadiene	39.9922 ppb v/v
							1,3-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dioxane	39.9922 ppb v/v
							2,2,4-Trimethylpentane	39.9922 ppb v/v
							2-Chlorotoluene	39.9922 ppb v/v
							2-Methylbutane	39.9922 ppb v/v
							3-Chloropropene	39.9922 ppb v/v
							4-Ethyltoluene	39.9922 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	39.9922 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	39.9922 ppb v/v
							Acetone	39.9922 ppb v/v
							Acetonitrile	39.9922 ppb v/v
							Acrolein	46.8309 ppb v/v
							Acrylonitrile	39.9922 ppb v/v
							Alpha Methyl Styrene	39.9922 ppb v/v
							Benzene	39.9922 ppb v/v
							Benzyl chloride	39.9922 ppb v/v
							Bromodichloromethane	39.9922 ppb v/v
							Bromoethene(Vinyl Bromide)	39.9922 ppb v/v
							Bromoform	39.9922 ppb v/v
							Bromomethane	39.9922 ppb v/v
							Carbon disulfide	39.9922 ppb v/v
							Carbon tetrachloride	39.9922 ppb v/v
							Chlorobenzene	39.9922 ppb v/v
							Chlorodifluoromethane	39.9922 ppb v/v
							Chloroethane	39.9922 ppb v/v
							Chloroform	39.9922 ppb v/v
							Chloromethane	39.9922 ppb v/v
							cis-1,2-Dichloroethene	39.9922 ppb v/v
							cis-1,3-Dichloropropene	39.9922 ppb v/v
							Cumene	39.9922 ppb v/v
							Cyclohexane	39.9922 ppb v/v
							Dibromochloromethane	39.9922 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Hexachlorobutadiene	44.9513 ppb v/v
							Isopropyl alcohol	46.351 ppb v/v
							m,p-Xylene	79.9845 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	39.9922 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	39.9922 ppb v/v
							Methyl methacrylate	39.9922 ppb v/v
							Methyl tert-butyl ether	39.9922 ppb v/v
							Methylene Chloride	39.9922 ppb v/v
							n-Butane	39.9922 ppb v/v
							n-Butanol	39.9922 ppb v/v
							n-Butylbenzene	39.9922 ppb v/v
							n-Decane	39.9922 ppb v/v
							n-Heptane	39.9922 ppb v/v
							n-Hexane	39.9922 ppb v/v
							n-Nonane	39.9922 ppb v/v
							n-Octane	39.9922 ppb v/v
							n-Propylbenzene	39.9922 ppb v/v
							Naphthalene	47.5508 ppb v/v
							o-Xylene	39.9922 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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	45.5512 ppb v/v
							Vinyl chloride	39.9922 ppb v/v
					ATTO15EthCALw_00181	3092 mL	Ethanol	99.9806 ppb v/v
.ATTO15CALSTKi_00194	09/17/25	06/17/25	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	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
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00050	11/22/25		Linde, Lot CC-524925		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							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
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00181	08/30/25	06/19/25	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
ATTO15LCSW_00884	06/25/25	03/26/25	Nitrogen, Lot 13	15.463 L	ATTO15LCSSTKi_00152	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
							1,1,2-Trichlorotrifluoroethane	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	9.99806 ppb v/v
							Chlorodifluoromethane	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
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	9.99806 ppb v/v
							o-Xylene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							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
.ATTO15LCSSTKi_00152	06/25/25	03/26/25	Nitrogen, Lot 12	37.5 L	ATTO15CALs_00051	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	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-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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							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
							Chlorodifluoromethane	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
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
..ATTO15CALs_00051	11/22/25		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
ATTO15LCSW_00885	08/13/25	05/15/25	Nitrogen, Lot 13	15.463 L	ATTO15LCSSTKi_00153	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
							1,1,2-Trichlorotrifluoroethane	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

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	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chlorodifluoromethane	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
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							o-Xylene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							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
.ATTO15LCSSTKi_00153	08/13/25	05/13/25	Nitrogen, Lot 12	37.5 L	ATTO15CALs_00051	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	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-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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	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
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
..ATTO15CALs_00051	11/22/25		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-78438-1

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	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
ATTO15WISs_00010							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	
							Xylenes, Total	

Reagent

1gEthanol_00005

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
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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

CHEM SERVICE INC

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info@chemservice.com • www.chemservice.com

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

Certified By:

Mary Beth O'Donnell

Mary Beth O'Donnell
CSM/TC

PJLA Testing
Accreditation #0529

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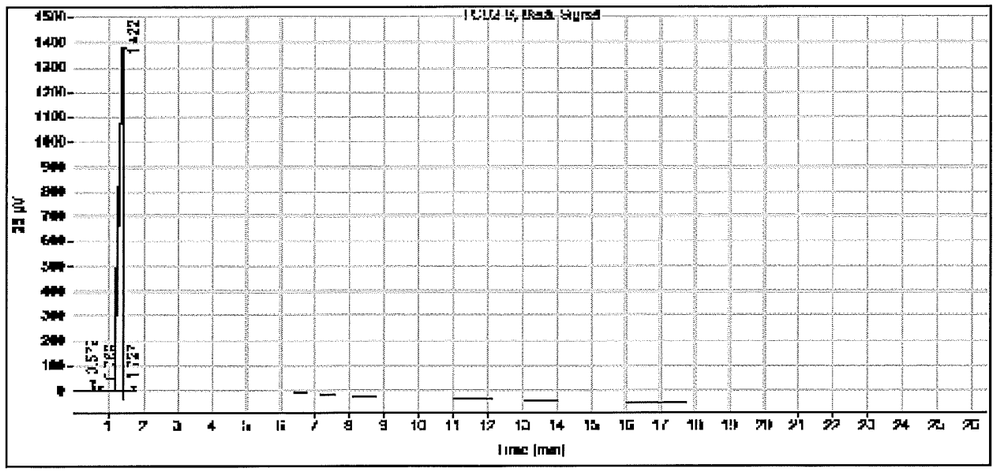
CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\2019 DATA\0718\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	0.3006
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		

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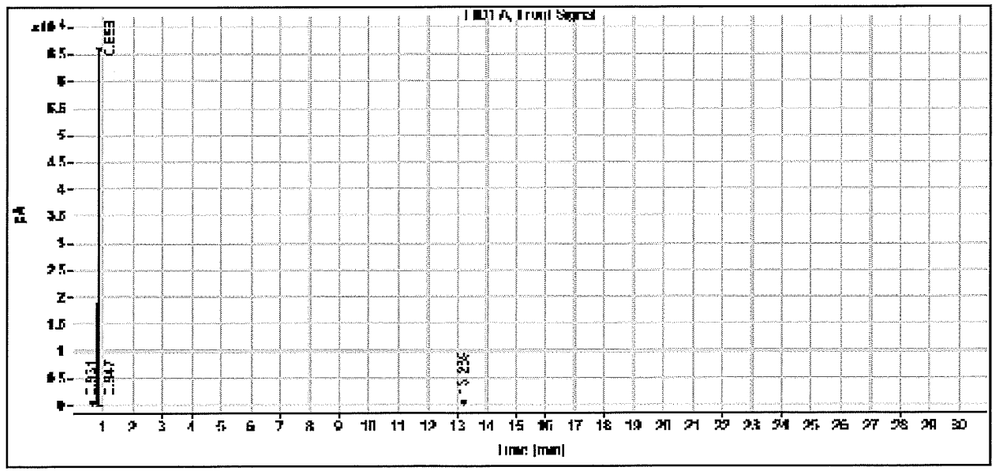
CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\2019 DATA\073019\073019B 2019-07-30 16-13-42 \101F0403.D

Sample name: N-11885 neat

Instrument:	GC 1	**Sample type:**	Sample
Injection date:	7/31/2019 3:39:30 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	37.6672	0.0185
0.868	BB S	0.0287	148490.7656	65443.6719	99.9813
13.239	BB	0.0025	0.0186	0.1089	0.0000
		Sum	148518.4729		

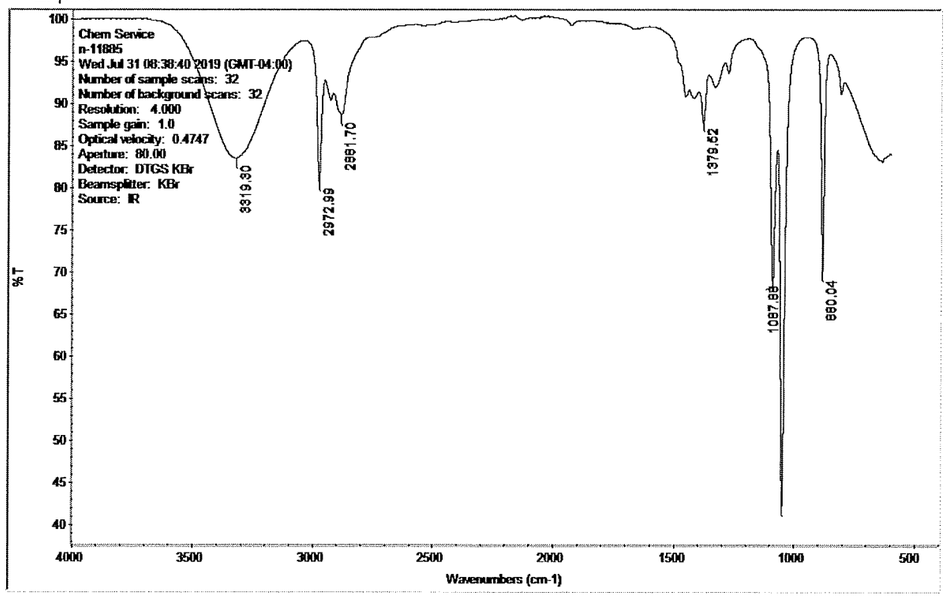
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CERTIFICATE OF ANALYSIS

Analysis Method:

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



PJLA Testing

Reagent

ATTO15AMISs_00004

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South Burlington, VT 05403-6834

PAGE: 1 of 1

1921534
ID ATTO15AMISs_00004
Exp: 08/30/29 Prpd
CHAM Internal Standard ta

ANALYSIS REPORT

Sales#:	117483798	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1593961	**Cylinder # :**	CC-524298
Report Date:	Aug-31-2023	**Cylinder Pressure:**	2000 psig
P.O.# :	75601243	**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:	*Aug-31-2024 => 8/30/2029	**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	95 ppb
1,4-Difluorobenzene	540-36-3	100 ppb	96 ppb
Chlorobenzene-d5	3114-55-4	100 ppb	99 ppb
4-Bromofluorobenzene	460-00-4	100 ppb	100 ppb
Nitrogen	7727-37-9	Balance	Balance

VTP 8/30/24

~~1787782~~ 1921534

* New exp date: 8/30/2029 / Recertified by: VTP 8/30/24

ANALYST: Brian Bramkamp

DATE: Aug-31-2023

Reagent

ATTO15CALs_00050

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ISO/IEC 17025

ANAB ACCREDITED TESTING LABORATORY

Analysis Report

1871092

ID ATTO15CALS_00050
Exp 11/22/25 Prpd VTP
TO15 Calibration Source I

VTP 3/27/24

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

Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	~~Mar-27-2025~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

VTP 3/26/25

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

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

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

Recommended minimum sample size 10 mL.

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

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

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

Linde Spectra Environmental Gases

Linde North America, Inc.

80 Industrial Drive, Alpha, NJ 08865
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www.lideus.com

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Analysis Report

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

Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	* ~~Mar-27-2025~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

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

Linde Spectra Environmental Gases

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Analysis Report

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South Burlington, VT 05403

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

Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	* ~~Mar-27-2025~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

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

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Analysis Report

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

Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	* ~~Mar-27-2025~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

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

Linde Spectra Environmental Gases

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Linde North America, Inc.

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

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ISO/IEC 17025

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TESTING LABORATORY

Analysis Report

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

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

Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	~~Mar-27-2025~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

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

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PAGE: 6 of 6
Report ID: 39140
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Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date: *	Mar-27-2025 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

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

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

25% Blend Tolerance on Methanol.

No Stability Guarantee on Methanol.

* Recertification 03/26/25. New exp date: 11/22/25
* Recertification process include.

Lou Lorenzetti

ANALYST: Lou Lorenzetti

DATE: Mar-27-2024

Linde Spectra Environmental Gases
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Analyte	Knoxville 40	VT 40 (AVE)	RDP
Propene	39.3	40	0.88
Dichlorodifluoromethane	33.4	34.3	1.33
Chlorodifluoromethane	36.4	37.1	0.95
1,2-Dichloro-1,1,2,2-tetrafluoroethane	33.9	35	1.60
Chloromethane	36.9	38	1.47
Butane	39.1	40.5	1.76
Vinyl chloride	35.8	36.7	1.24
Butadiene	36.2	36.4	0.28
Bromomethane	34.2	35.4	1.72
Chloroethane	36	37	1.37
2-Methylbutane	38	38.6	0.78
Vinyl bromide	34.5	35	0.72
Trichlorofluoromethane	33.2	34	1.19
Pentane	39	39.6	0.76
Ethanol	N/A		#VALUE!
Ethyl ether	37.5	38.6	1.45
Acrolein	43.9	47.3	3.73
1,1,2-Trichloro-1,2,2-trifluoroethane	34.1	34.6	0.73
1,1-Dichloroethene	34	34.5	0.73
Acetone	39.8	40.5	0.87
Isopropyl alcohol	44.9	46.1	1.32
Carbon disulfide	35.5	36.1	0.84
3-Chloro-1-propene	39.8	41	1.49
Acetonitrile	42.2	42.6	0.47
Methylene Chloride	38.2	38.5	0.39
2-Methyl-2-propanol	37.6	38.3	0.92
Methyl tert-butyl ether	35.5	36.4	1.25
trans-1,2-Dichloroethene	37.6	37.5	0.13
Acrylonitrile	40.1	41.1	1.23
Hexane	37.7	38.8	1.44
1,1-Dichloroethane	36.3	37	0.95
Vinyl acetate	45.1	48.8	3.94
2-Butanone (MEK)	37.6	38.1	0.66
Ethyl acetate	38.4	37.6	1.05
cis-1,2-Dichloroethene	33.5	35.1	2.33
Tetrahydrofuran	41.1	41.7	0.72
Chloroform	35.1	35.6	0.71
1,1,1-Trichloroethane	34.6	34.6	0.00
Cyclohexane	36.1	36.6	0.69
Carbon tetrachloride	34.6	37.7	4.29
Isooctane	37.7	38.1	0.53
Benzene	36.3	36.1	0.28
1,2-Dichloroethane	37.3	37.1	0.27

n-Heptane	40	40.3	0.37
n-Butanol	40.1	38.7	1.78
Trichloroethene	36.4	36.1	0.41
1,2-Dichloropropane	38.5	38.5	0.00
Methyl methacrylate	38.5	39.2	0.90
1,4-Dioxane	34.5	34.5	0.00
Dibromomethane	33.1	32.2	1.38
Dichlorobromomethane	36.1	36.7	0.82
cis-1,3-Dichloropropene	37.9	38.3	0.52
4-Methyl-2-pentanone (MIBK)	41.5	41.3	0.24
n-Octane	40.1	40.5	0.50
Toluene	35.8	35.8	0.00
trans-1,3-Dichloropropene	37.5	38.2	0.92
1,1,2-Trichloroethane	37.2	37	0.27
Tetrachloroethene	32.6	32.4	0.31
2-Hexanone	41.9	40.7	1.45
Chlorodibromomethane	34.4	35.6	1.71
Ethylene Dibromide	36	36.2	0.28
Chlorobenzene	34	34	0.00
Ethylbenzene	34.6	34.5	0.14
n-Nonane	38.4	38.5	0.13
m-Xylene & p-Xylene	68.7	68.6	0.07
o-Xylene	35.1	35.2	0.14
Styrene	36.1	35.8	0.42
Bromoform	31.3	35.5	6.29
Isopropylbenzene	33.3	33.6	0.45
1,1,2,2-Tetrachloroethane	36	36.2	0.28
N-Propylbenzene	32.8	33	0.30
1,2,3-Trichloropropane	35.7	35.8	0.14
n-Decane	37.7	38.1	0.53
4-Ethyltoluene	33.2	33.3	0.15
2-Chlorotoluene	34.5	34.6	0.14
1,3,5-Trimethylbenzene	33.3	33.9	0.89
Alpha Methyl Styrene	35.1	35.4	0.43
tert-Butylbenzene	32.4	32.9	0.77
1,2,4-Trimethylbenzene	33.3	33.7	0.60
sec-Butylbenzene	32	32.4	0.62
4-Isopropyltoluene	32	32.3	0.47
1,3-Dichlorobenzene	32.6	32.6	0.00
1,4-Dichlorobenzene	33.3	32.6	1.06
Benzyl chloride	35.3	35.7	0.56
Undecane	37.6	39.3	2.21
n-Butylbenzene	33.4	34.2	1.18
1,2-Dichlorobenzene	32.5	32.4	0.15

Dodecane	36.7	37.9	1.61
1,2,4-Trichlorobenzene	40.8	40.1	0.87
Hexachlorobutadiene	33.7	35.2	2.18
Naphthalene	45.7	44.5	1.33
1,2,3-Trichlorobenzene	39.9	39.1	1.01

* Knoxville 40 ppb Standard test.
  chrom WL 64392 @ 3/24/25

* TA Burlington 1st 40 ppb Standard test.
  chrom WL 64392 @ 3/24/25
  - 2nd 40 ppb Standard test.
  chrom WL 64410 @ 3/26/25

* Knoxville Standard results compared with the ~~two~~ VTP 3/26/25 average of the two results TA Burlington standard.

VTP 3/26/25

4700 Precision Diluter Standards Preparation Report

Date: 3/13/2025 1:48:34 PM
Report ID: 200ppbTankEOnly
Prepared By: RDR
Software Version: 2.2.0.32

Dilution ID: C:\SmartLabs\Data\4700\Methods\200ppbv Primary E_Q.4700.Dilution
Aborted: No
Target Final Psia: 36.7 psia
Standard Name: BurlingtonRecert_TankE
Canister Volume: 15 Liter cc **Canister ID:** S4665
Comment: 200ppbTankEOnlyRecertforBurlington

Channel Methods

Ch.	Channel Name	Init. Conc.	Target Conc.	Final Conc.	Conc. Level	Dilution Factor	Initial Psia	Target Psia	Final Psia	Final Psid	Duration hh:mm:ss
1	Nitrogen Diluent	100	100	N/A	%	1	0.42	12	11.99	11.57	00:23:47
2	Q extra 694339										
3	D Mega 736646										
4	N Extra 694341										
5	E Mega 767798	1000	200	200.24	ppb	5	11.99	19.25	19.25	7.27	00:19:08
6	Re-Dilute										
1	Nitrogen Diluent	100	100	N/A	%	1	19.25	36.7	36.7	17.45	00:30:38

Total Duration: 01:13:36

Channel Configuration and Standards Inventory

Ch.	Channel Name	Init. Conc.	Conc. Level	Cylinder Id	Received	Expiration	Notes
1	Nitrogen Diluent	100	%		1/29/2025 9:17:28 AM	1/29/2025 9:17:28 AM	
2	Q extra 694339	1000	ppb		5/27/2024 9:17:28 AM	5/10/2025 9:17:28 AM	
3	D Mega 736646	1000	ppb		12/2/2020 9:17:28 AM	11/22/2025 9:17:28 AM	
4	N Extra 694341	1000	ppb		8/1/2016 9:17:28 AM	5/10/2025 9:17:28 AM	
5	E Mega 767798	1000	ppb		12/31/2024 9:17:28 AM	11/22/2025 9:17:28 AM	
6	Re-Dilute	200	ppb		2/13/2025 9:17:28 AM	4/14/2025 9:17:28 AM	

4700 Precision Diluter Standards Preparation Report

Date: 3/13/2025 1:48:34 PM
Report ID: 200ppbTankEOnly
Prepared By: RDR
Software Version: 2.2.0.32

Dilution ID: C:\SmartLabs\Data\4700\Methods\200ppbv Primary E_Q.4700.Dilution
Aborted: No
Target Final Psia: 36.7 psia
Standard Name: BurlingtonRecert_TankE
Canister Volume: 15 Liter cc **Canister ID:** S4665
Comment: 200ppbTankEOnlyRecertforBurlington

Channel Calibrations

Ch.	High Flow	Medium Flow	Slow Flow	Trickle Flow
1	44%	40%	36%	34%
2	37%	33%	29%	23%
3	34%	30%	27%	23%
4	36%	32%	28%	20%
5	40%	36%	32%	25%
6	36%	32%	29%	21%

Calibration Flow Cut Off

High Flow Cutoff:	1 psia
Medium Flow Cutoff:	0.5 psia
Slow Flow Cutoff:	0.1 psia

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ISO/IEC 17025

ANAB ACCREDITED TESTING LABORATORY

Analysis Report

SHIPPED TO:
Test America Inc
5815 Middlebrook Pike
Knoxville, TN 37921

PAGE: 1 of 5
Report ID: 40020
Revision: 0

Sales#:	117512983	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1616319	**Cylinder # :**	CC-525846
Report Date:	Nov-22-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	US1133933807	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24099162	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	Nov-22-2025	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

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

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

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

Recommended minimum sample size 10 mL.

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

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

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

Linde Spectra Environmental Gases

Linde North America, Inc.

80 Industrial Drive, Alpha, NJ 08865
Phone: +1.908.329-9700 FAX: +1.908.329-9740
www.lideus.com

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Knoxville, TN 37921

PAGE: 2 of 5
Report ID: 40020
Revision: 0

Sales#:	117512983	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1616319	**Cylinder # :**	CC-525846
Report Date:	Nov-22-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	US1133933807	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24099162	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	Nov-22-2025	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
Propylene	115-07-1	1.000 ppm	2.571	1.043 ppm	± 0.024 ppm
Chlorodifluoromethane	75-45-6	1.000 ppm	2.571	1.058 ppm	± 0.025 ppm
Freon-12	75-71-8	1.000 ppm	2.571	1.034 ppm	± 0.025 ppm
Chloromethane	74-87-3	1.000 ppm	2.571	1.029 ppm	± 0.029 ppm
Freon-114	76-14-2	1.000 ppm	2.571	1.037 ppm	± 0.023 ppm
Vinyl Chloride	75-01-4	1.000 ppm	2.571	1.035 ppm	± 0.022 ppm
1,3-Butadiene	106-99-0	1.000 ppm	2.571	1.048 ppm	± 0.024 ppm
Methanol	67-56-1	1.000 ppm	2.571	1.211 ppm	± 0.027 ppm
n-Butane	106-97-8	1.000 ppm	2.571	1.035 ppm	± 0.022 ppm
Bromomethane	74-83-9	1.000 ppm	2.571	1.033 ppm	± 0.022 ppm
Chloroethane	75-00-3	1.000 ppm	2.571	1.034 ppm	± 0.023 ppm
Vinyl Bromide	593-60-2	1.000 ppm	2.571	1.048 ppm	± 0.023 ppm
Acetonitrile	75-05-8	1.000 ppm	2.571	1.046 ppm	± 0.036 ppm
Acrolein	107-02-8	1.000 ppm	2.571	1.153 ppm	± 0.029 ppm
Isopentane	78-78-4	1.000 ppm	2.571	1.046 ppm	± 0.023 ppm
Acetone	67-64-1	1.000 ppm	2.571	1.047 ppm	± 0.025 ppm
Freon-11	75-69-4	1.000 ppm	2.571	1.037 ppm	± 0.027 ppm
Isopropyl Alcohol	67-63-0	1.000 ppm	2.571	1.162 ppm	± 0.043 ppm
n-Pentane	109-66-0	1.000 ppm	2.571	1.044 ppm	± 0.039 ppm
Acrylonitrile	107-13-1	1.000 ppm	2.571	1.053 ppm	± 0.061 ppm
Ethyl Ether	60-29-7	1.000 ppm	2.571	1.045 ppm	± 0.040 ppm
1,1-Dichloroethene	75-35-4	1.000 ppm	2.571	1.054 ppm	± 0.023 ppm
Carbon Disulfide	75-15-0	1.000 ppm	2.571	1.065 ppm	± 0.023 ppm
Methylene Chloride	75-09-2	1.000 ppm	2.571	1.046 ppm	± 0.031 ppm
Tert-Butanol	75-65-0	1.000 ppm	2.571	1.079 ppm	± 0.021 ppm
3-Chloropropene	107-05-1	1.000 ppm	2.571	1.047 ppm	± 0.020 ppm
Freon-113	76-13-1	1.000 ppm	2.571	1.047 ppm	± 0.023 ppm

Linde Spectra Environmental Gases

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Analysis Report

SHIPPED TO:
Test America Inc
5815 Middlebrook Pike
Knoxville, TN 37921

PAGE: 3 of 5
Report ID: 40020
Revision: 0

Sales#:	117512983	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1616319	**Cylinder # :**	CC-525846
Report Date:	Nov-22-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	US1133933807	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24099162	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	Nov-22-2025	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
Trans-1,2-Dichloroethene	156-60-5	1.000 ppm	2.571	1.043 ppm	± 0.022 ppm
1,1-Dichloroethane	75-34-3	1.000 ppm	2.571	1.047 ppm	± 0.024 ppm
Methyl Tert Butyl Ether	1634-04-4	1.000 ppm	2.571	1.043 ppm	± 0.026 ppm
Vinyl Acetate	108-05-4	1.000 ppm	2.571	1.120 ppm	± 0.025 ppm
Methyl Ethyl Ketone	78-93-3	1.000 ppm	2.571	1.052 ppm	± 0.022 ppm
Cis-1,2-Dichloroethene	156-59-2	1.000 ppm	2.571	1.046 ppm	± 0.023 ppm
Hexane	110-54-3	1.000 ppm	2.571	1.054 ppm	± 0.026 ppm
Chloroform	67-66-3	1.000 ppm	2.571	1.049 ppm	± 0.022 ppm
Ethyl Acetate	141-78-6	1.000 ppm	2.571	1.057 ppm	± 0.022 ppm
Tetrahydrofuran	109-99-9	1.000 ppm	2.571	1.041 ppm	± 0.022 ppm
1,2-Dichloroethane	107-06-2	1.000 ppm	2.571	1.051 ppm	± 0.025 ppm
1,1,1-Trichloroethane	71-55-6	1.000 ppm	2.571	1.046 ppm	± 0.025 ppm
Benzene	71-43-2	1.000 ppm	2.571	1.050 ppm	± 0.025 ppm
1-Butanol	71-36-3	1.000 ppm	2.571	1.083 ppm	± 0.024 ppm
Carbon Tetrachloride	56-23-5	1.000 ppm	2.571	1.017 ppm	± 0.023 ppm
Cyclohexane	110-82-7	1.000 ppm	2.571	1.039 ppm	± 0.024 ppm
Dibromomethane	74-95-3	1.000 ppm	2.571	1.042 ppm	± 0.023 ppm
1,2-Dichloropropane	78-87-5	1.000 ppm	2.571	1.038 ppm	± 0.023 ppm
Trichloroethylene	79-01-6	1.000 ppm	2.571	1.043 ppm	± 0.024 ppm
Bromodichloromethane	75-27-4	1.000 ppm	2.571	1.046 ppm	± 0.024 ppm
1,4-Dioxane	123-91-1	1.000 ppm	2.571	1.049 ppm	± 0.024 ppm
2,2,4-Trimethylpentane	540-84-1	1.000 ppm	2.571	1.044 ppm	± 0.024 ppm
Methyl Methacrylate	80-62-6	1.000 ppm	2.571	1.045 ppm	± 0.024 ppm
Heptane	142-82-5	1.000 ppm	2.571	1.043 ppm	± 0.024 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.000 ppm	2.571	1.040 ppm	± 0.021 ppm
Methyl Isobutyl Ketone	108-10-1	1.000 ppm	2.571	1.048 ppm	± 0.021 ppm
Trans-1,3-Dichloropropene	10061-02-6	1.000 ppm	2.571	1.042 ppm	± 0.023 ppm

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5815 Middlebrook Pike
Knoxville, TN 37921

PAGE: 4 of 5
Report ID: 40020
Revision: 0

Sales#:	117512983	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1616319	**Cylinder # :**	CC-525846
Report Date:	Nov-22-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	US1133933807	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24099162	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	Nov-22-2025	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
1,1,2-Trichloroethane	79-00-5	1.000 ppm	2.571	1.046 ppm	± 0.021 ppm
Toluene	108-88-3	1.000 ppm	2.571	1.048 ppm	± 0.022 ppm
Methyl Butyl Ketone	591-78-6	1.000 ppm	2.571	1.054 ppm	± 0.022 ppm
Dibromochloromethane	124-48-1	1.000 ppm	2.571	1.048 ppm	± 0.035 ppm
1,2-Dibromoethane	106-93-4	1.000 ppm	2.571	1.044 ppm	± 0.024 ppm
n-Octane	111-65-9	1.000 ppm	2.571	1.047 ppm	± 0.021 ppm
Tetrachloroethylene	127-18-4	1.000 ppm	2.571	1.047 ppm	± 0.022 ppm
Chlorobenzene	108-90-7	1.000 ppm	2.571	1.043 ppm	± 0.023 ppm
Ethylbenzene	100-41-4	1.000 ppm	2.571	1.048 ppm	± 0.022 ppm
p-xylene	106-42-3	1.000 ppm	2.571	1.044 ppm	± 0.022 ppm
m-xylene	108-38-3	1.000 ppm	2.571	1.044 ppm	± 0.022 ppm
Bromoform	75-25-2	1.000 ppm	2.571	1.047 ppm	± 0.031 ppm
Styrene	100-42-5	1.000 ppm	2.571	1.046 ppm	± 0.026 ppm
o-xylene	95-47-6	1.000 ppm	2.571	1.044 ppm	± 0.024 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.000 ppm	2.571	1.045 ppm	± 0.024 ppm
1,2,3-Trichloropropane	96-18-4	1.000 ppm	2.571	1.051 ppm	± 0.030 ppm
Nonane	111-84-2	1.000 ppm	2.571	1.050 ppm	± 0.022 ppm
Cumene	98-82-8	1.000 ppm	2.571	1.054 ppm	± 0.022 ppm
2-Chlorotoluene	95-49-8	1.000 ppm	2.571	1.050 ppm	± 0.027 ppm
n-Propylbenzene	103-65-1	1.000 ppm	2.571	1.050 ppm	± 0.024 ppm
4-Ethyltoluene	622-96-8	1.000 ppm	2.571	1.051 ppm	± 0.025 ppm
1,3,5-Trimethylbenzene	108-67-8	1.000 ppm	2.571	1.037 ppm	± 0.026 ppm
alpha-Methylstyrene	98-83-9	1.000 ppm	2.571	1.052 ppm	± 0.032 ppm
Tert-Butyl Benzene	98-06-6	1.000 ppm	2.571	1.053 ppm	± 0.026 ppm
1,2,4-Trimethylbenzene	95-63-6	1.000 ppm	2.571	1.045 ppm	± 0.026 ppm
1,3-Dichlorobenzene	541-73-1	1.000 ppm	2.571	1.046 ppm	± 0.030 ppm
Benzyl Chloride	100-44-7	1.000 ppm	2.571	1.055 ppm	± 0.031 ppm

Linde Spectra Environmental Gases

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ANAB ACCREDITED TESTING LABORATORY

Analysis Report

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Test America Inc
5815 Middlebrook Pike
Knoxville, TN 37921

PAGE: 5 of 5
Report ID: 40020
Revision: 0

Sales#:	117512983	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1616319	**Cylinder # :**	CC-525846
Report Date:	Nov-22-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	US1133933807	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24099162	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	Nov-22-2025	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
n-Decane	124-18-5	1.000 ppm	2.571	1.050 ppm	± 0.031 ppm
1,4-Dichlorobenzene	106-46-7	1.000 ppm	2.571	1.053 ppm	± 0.040 ppm
Sec-Butyl Benzene	135-98-8	1.000 ppm	2.571	1.046 ppm	± 0.025 ppm
4-Isopropyltoluene	99-87-6	1.000 ppm	2.571	1.049 ppm	± 0.027 ppm
1,2-Dichlorobenzene	95-50-1	1.000 ppm	2.571	1.046 ppm	± 0.043 ppm
n-Butyl Benzene	104-51-8	1.000 ppm	2.571	1.048 ppm	± 0.032 ppm
n-Undecane	1120-21-4	1.000 ppm	2.571	1.042 ppm	± 0.024 ppm
1,2,4-Trichlorobenzene	120-82-1	1.000 ppm	2.571	1.094 ppm	± 0.11 ppm
Naphthalene	91-20-3	1.000 ppm	2.571	1.105 ppm	± 0.15 ppm
n-Dodecane	112-40-3	1.000 ppm	2.571	1.048 ppm	± 0.040 ppm
1,2,3-Trichlorobenzene	87-61-6	1.000 ppm	2.571	1.101 ppm	± 0.14 ppm
Hexachloro-1,3-Butadiene	87-68-3	1.000 ppm	2.571	1.083 ppm	± 0.058 ppm
Nitrogen	7727-37-9	Balance		Balance	

Lou Lorenzetti

ANALYST: Lou Lorenzetti

DATE: Nov-22-2024

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Reagent

ATTO15CALs_00051

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Analysis Report

1871092
ID ATTO15CALs_00050
Exp 11/22/25 Prpd VTP
TO15 Calibration Source I

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

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

VTP 3/27/24

Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	~~Mar-27-2025~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

VTP 3/26/25

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

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

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

Recommended minimum sample size 10 mL.

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

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

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

Linde Spectra Environmental Gases

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Analysis Report

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

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

Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	* ~~Mar-27-2025~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

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

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Analysis Report

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South Burlington, VT 05403

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

Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	* ~~Mar-27-2025~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

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

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Analysis Report

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30 Community Dr Ste 11
South Burlington, VT 05403

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

Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	* ~~Mar-27-2025~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

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

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Analysis Report

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South Burlington, VT 05403

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

Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	~~Mar-27-2025~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

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

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Analysis Report

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30 Community Dr Ste 11
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PAGE: 6 of 6
Report ID: 39140
Revision: 0

Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date: *	Mar-27-2025 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

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

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

25% Blend Tolerance on Methanol.

No Stability Guarantee on Methanol.

* Recertification 03/26/25. New exp date: 11/22/25
* Recertification process include.

Lou Lorenzetti

ANALYST: Lou Lorenzetti

DATE: Mar-27-2024

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Linde North America, Inc.
80 Industrial Drive, Alpha, NJ 08865
Phone: +1.908.329-9700 FAX: +1.908.329-9740

Analyte	Knoxville 40	VT 40 (AVE)	RDP
Propene	39.3	40	0.88
Dichlorodifluoromethane	33.4	34.3	1.33
Chlorodifluoromethane	36.4	37.1	0.95
1,2-Dichloro-1,1,2,2-tetrafluoroethane	33.9	35	1.60
Chloromethane	36.9	38	1.47
Butane	39.1	40.5	1.76
Vinyl chloride	35.8	36.7	1.24
Butadiene	36.2	36.4	0.28
Bromomethane	34.2	35.4	1.72
Chloroethane	36	37	1.37
2-Methylbutane	38	38.6	0.78
Vinyl bromide	34.5	35	0.72
Trichlorofluoromethane	33.2	34	1.19
Pentane	39	39.6	0.76
Ethanol	N/A		#VALUE!
Ethyl ether	37.5	38.6	1.45
Acrolein	43.9	47.3	3.73
1,1,2-Trichloro-1,2,2-trifluoroethane	34.1	34.6	0.73
1,1-Dichloroethene	34	34.5	0.73
Acetone	39.8	40.5	0.87
Isopropyl alcohol	44.9	46.1	1.32
Carbon disulfide	35.5	36.1	0.84
3-Chloro-1-propene	39.8	41	1.49
Acetonitrile	42.2	42.6	0.47
Methylene Chloride	38.2	38.5	0.39
2-Methyl-2-propanol	37.6	38.3	0.92
Methyl tert-butyl ether	35.5	36.4	1.25
trans-1,2-Dichloroethene	37.6	37.5	0.13
Acrylonitrile	40.1	41.1	1.23
Hexane	37.7	38.8	1.44
1,1-Dichloroethane	36.3	37	0.95
Vinyl acetate	45.1	48.8	3.94
2-Butanone (MEK)	37.6	38.1	0.66
Ethyl acetate	38.4	37.6	1.05
cis-1,2-Dichloroethene	33.5	35.1	2.33
Tetrahydrofuran	41.1	41.7	0.72
Chloroform	35.1	35.6	0.71
1,1,1-Trichloroethane	34.6	34.6	0.00
Cyclohexane	36.1	36.6	0.69
Carbon tetrachloride	34.6	37.7	4.29
Isooctane	37.7	38.1	0.53
Benzene	36.3	36.1	0.28
1,2-Dichloroethane	37.3	37.1	0.27

n-Heptane	40	40.3	0.37
n-Butanol	40.1	38.7	1.78
Trichloroethene	36.4	36.1	0.41
1,2-Dichloropropane	38.5	38.5	0.00
Methyl methacrylate	38.5	39.2	0.90
1,4-Dioxane	34.5	34.5	0.00
Dibromomethane	33.1	32.2	1.38
Dichlorobromomethane	36.1	36.7	0.82
cis-1,3-Dichloropropene	37.9	38.3	0.52
4-Methyl-2-pentanone (MIBK)	41.5	41.3	0.24
n-Octane	40.1	40.5	0.50
Toluene	35.8	35.8	0.00
trans-1,3-Dichloropropene	37.5	38.2	0.92
1,1,2-Trichloroethane	37.2	37	0.27
Tetrachloroethene	32.6	32.4	0.31
2-Hexanone	41.9	40.7	1.45
Chlorodibromomethane	34.4	35.6	1.71
Ethylene Dibromide	36	36.2	0.28
Chlorobenzene	34	34	0.00
Ethylbenzene	34.6	34.5	0.14
n-Nonane	38.4	38.5	0.13
m-Xylene & p-Xylene	68.7	68.6	0.07
o-Xylene	35.1	35.2	0.14
Styrene	36.1	35.8	0.42
Bromoform	31.3	35.5	6.29
Isopropylbenzene	33.3	33.6	0.45
1,1,2,2-Tetrachloroethane	36	36.2	0.28
N-Propylbenzene	32.8	33	0.30
1,2,3-Trichloropropane	35.7	35.8	0.14
n-Decane	37.7	38.1	0.53
4-Ethyltoluene	33.2	33.3	0.15
2-Chlorotoluene	34.5	34.6	0.14
1,3,5-Trimethylbenzene	33.3	33.9	0.89
Alpha Methyl Styrene	35.1	35.4	0.43
tert-Butylbenzene	32.4	32.9	0.77
1,2,4-Trimethylbenzene	33.3	33.7	0.60
sec-Butylbenzene	32	32.4	0.62
4-Isopropyltoluene	32	32.3	0.47
1,3-Dichlorobenzene	32.6	32.6	0.00
1,4-Dichlorobenzene	33.3	32.6	1.06
Benzyl chloride	35.3	35.7	0.56
Undecane	37.6	39.3	2.21
n-Butylbenzene	33.4	34.2	1.18
1,2-Dichlorobenzene	32.5	32.4	0.15

Dodecane	36.7	37.9	1.61
1,2,4-Trichlorobenzene	40.8	40.1	0.87
Hexachlorobutadiene	33.7	35.2	2.18
Naphthalene	45.7	44.5	1.33
1,2,3-Trichlorobenzene	39.9	39.1	1.01

* Knoxville 40 ppb Standard test.
  chrom WL 64392 @ 3/24/25

* TA Burlington 1st 40 ppb Standard test.
  chrom WL 64392 @ 3/24/25
  - 2nd 40 ppb Standard test.
  chrom WL 64410 @ 3/26/25

* Knoxville Standard results compared with the ~~two~~ VTP 3/26/25 average of the two results TA Burlington standard.

VTP 3/26/25

4700 Precision Diluter Standards Preparation Report

Date: 3/13/2025 1:48:34 PM
Report ID: 200ppbTankEOnly
Prepared By: RDR
Software Version: 2.2.0.32

Dilution ID: C:\SmartLabs\Data\4700\Methods\200ppbv Primary E_Q.4700.Dilution
Aborted: No
Target Final Psia: 36.7 psia
Standard Name: BurlingtonRecert_TankE
Canister Volume: 15 Liter cc **Canister ID:** S4665
Comment: 200ppbTankEOnlyRecertforBurlington

Channel Methods

Ch.	Channel Name	Init. Conc.	Target Conc.	Final Conc.	Conc. Level	Dilution Factor	Initial Psia	Target Psia	Final Psia	Final Psid	Duration hh:mm:ss
1	Nitrogen Diluent	100	100	N/A	%	1	0.42	12	11.99	11.57	00:23:47
2	Q extra 694339										
3	D Mega 736646										
4	N Extra 694341										
5	E Mega 767798	1000	200	200.24	ppb	5	11.99	19.25	19.25	7.27	00:19:08
6	Re-Dilute										
1	Nitrogen Diluent	100	100	N/A	%	1	19.25	36.7	36.7	17.45	00:30:38

Total Duration: 01:13:36

Channel Configuration and Standards Inventory

Ch.	Channel Name	Init. Conc.	Conc. Level	Cylinder Id	Received	Expiration	Notes
1	Nitrogen Diluent	100	%		1/29/2025 9:17:28 AM	1/29/2025 9:17:28 AM	
2	Q extra 694339	1000	ppb		5/27/2024 9:17:28 AM	5/10/2025 9:17:28 AM	
3	D Mega 736646	1000	ppb		12/2/2020 9:17:28 AM	11/22/2025 9:17:28 AM	
4	N Extra 694341	1000	ppb		8/1/2016 9:17:28 AM	5/10/2025 9:17:28 AM	
5	E Mega 767798	1000	ppb		12/31/2024 9:17:28 AM	11/22/2025 9:17:28 AM	
6	Re-Dilute	200	ppb		2/13/2025 9:17:28 AM	4/14/2025 9:17:28 AM	

4700 Precision Diluter Standards Preparation Report

Dilution ID: C:\SmartLabs\Data\4700\Methods\200ppbv Primary E_Q.4700.Dilution
Aborted: No
Target Final Psia: 36.7 psia
Standard Name: BurlingtonRecert_TankE
Canister Volume: 15 Liter cc **Canister ID:** S4665
Comment: 200ppbTankEOnlyRecertforBurlington

Date: 3/13/2025 1:48:34 PM
Report ID: 200ppbTankEOnly
Prepared By: RDR
Software Version: 2.2.0.32

Channel Calibrations

Ch.	High Flow	Medium Flow	Slow Flow	Trickle Flow
1	44%	40%	36%	34%
2	37%	33%	29%	23%
3	34%	30%	27%	23%
4	36%	32%	28%	20%
5	40%	36%	32%	25%
6	36%	32%	29%	21%

Calibration Flow Cut Off

High Flow Cutoff:	1 psia
Medium Flow Cutoff:	0.5 psia
Slow Flow Cutoff:	0.1 psia

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ANAB ACCREDITED TESTING LABORATORY

Analysis Report

SHIPPED TO:
Test America Inc
5815 Middlebrook Pike
Knoxville, TN 37921

PAGE: 1 of 5
Report ID: 40020
Revision: 0

Sales#:	117512983	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1616319	**Cylinder # :**	CC-525846
Report Date:	Nov-22-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	US1133933807	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24099162	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	Nov-22-2025	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

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

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

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

Recommended minimum sample size 10 mL.

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

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

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

Linde Spectra Environmental Gases

Linde North America, Inc.

80 Industrial Drive, Alpha, NJ 08865
Phone: +1.908.329-9700 FAX: +1.908.329-9740
www.lideus.com

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Analysis Report

SHIPPED TO:
Test America Inc
5815 Middlebrook Pike
Knoxville, TN 37921

PAGE: 2 of 5
Report ID: 40020
Revision: 0

Sales#:	117512983	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1616319	**Cylinder # :**	CC-525846
Report Date:	Nov-22-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	US1133933807	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24099162	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	Nov-22-2025	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
Propylene	115-07-1	1.000 ppm	2.571	1.043 ppm	± 0.024 ppm
Chlorodifluoromethane	75-45-6	1.000 ppm	2.571	1.058 ppm	± 0.025 ppm
Freon-12	75-71-8	1.000 ppm	2.571	1.034 ppm	± 0.025 ppm
Chloromethane	74-87-3	1.000 ppm	2.571	1.029 ppm	± 0.029 ppm
Freon-114	76-14-2	1.000 ppm	2.571	1.037 ppm	± 0.023 ppm
Vinyl Chloride	75-01-4	1.000 ppm	2.571	1.035 ppm	± 0.022 ppm
1,3-Butadiene	106-99-0	1.000 ppm	2.571	1.048 ppm	± 0.024 ppm
Methanol	67-56-1	1.000 ppm	2.571	1.211 ppm	± 0.027 ppm
n-Butane	106-97-8	1.000 ppm	2.571	1.035 ppm	± 0.022 ppm
Bromomethane	74-83-9	1.000 ppm	2.571	1.033 ppm	± 0.022 ppm
Chloroethane	75-00-3	1.000 ppm	2.571	1.034 ppm	± 0.023 ppm
Vinyl Bromide	593-60-2	1.000 ppm	2.571	1.048 ppm	± 0.023 ppm
Acetonitrile	75-05-8	1.000 ppm	2.571	1.046 ppm	± 0.036 ppm
Acrolein	107-02-8	1.000 ppm	2.571	1.153 ppm	± 0.029 ppm
Isopentane	78-78-4	1.000 ppm	2.571	1.046 ppm	± 0.023 ppm
Acetone	67-64-1	1.000 ppm	2.571	1.047 ppm	± 0.025 ppm
Freon-11	75-69-4	1.000 ppm	2.571	1.037 ppm	± 0.027 ppm
Isopropyl Alcohol	67-63-0	1.000 ppm	2.571	1.162 ppm	± 0.043 ppm
n-Pentane	109-66-0	1.000 ppm	2.571	1.044 ppm	± 0.039 ppm
Acrylonitrile	107-13-1	1.000 ppm	2.571	1.053 ppm	± 0.061 ppm
Ethyl Ether	60-29-7	1.000 ppm	2.571	1.045 ppm	± 0.040 ppm
1,1-Dichloroethene	75-35-4	1.000 ppm	2.571	1.054 ppm	± 0.023 ppm
Carbon Disulfide	75-15-0	1.000 ppm	2.571	1.065 ppm	± 0.023 ppm
Methylene Chloride	75-09-2	1.000 ppm	2.571	1.046 ppm	± 0.031 ppm
Tert-Butanol	75-65-0	1.000 ppm	2.571	1.079 ppm	± 0.021 ppm
3-Chloropropene	107-05-1	1.000 ppm	2.571	1.047 ppm	± 0.020 ppm
Freon-113	76-13-1	1.000 ppm	2.571	1.047 ppm	± 0.023 ppm

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TESTING LABORATORY

Analysis Report

SHIPPED TO:
Test America Inc
5815 Middlebrook Pike
Knoxville, TN 37921

PAGE: 3 of 5
Report ID: 40020
Revision: 0

Sales#:	117512983	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1616319	**Cylinder # :**	CC-525846
Report Date:	Nov-22-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	US1133933807	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24099162	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	Nov-22-2025	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
Trans-1,2-Dichloroethene	156-60-5	1.000 ppm	2.571	1.043 ppm	± 0.022 ppm
1,1-Dichloroethane	75-34-3	1.000 ppm	2.571	1.047 ppm	± 0.024 ppm
Methyl Tert Butyl Ether	1634-04-4	1.000 ppm	2.571	1.043 ppm	± 0.026 ppm
Vinyl Acetate	108-05-4	1.000 ppm	2.571	1.120 ppm	± 0.025 ppm
Methyl Ethyl Ketone	78-93-3	1.000 ppm	2.571	1.052 ppm	± 0.022 ppm
Cis-1,2-Dichloroethene	156-59-2	1.000 ppm	2.571	1.046 ppm	± 0.023 ppm
Hexane	110-54-3	1.000 ppm	2.571	1.054 ppm	± 0.026 ppm
Chloroform	67-66-3	1.000 ppm	2.571	1.049 ppm	± 0.022 ppm
Ethyl Acetate	141-78-6	1.000 ppm	2.571	1.057 ppm	± 0.022 ppm
Tetrahydrofuran	109-99-9	1.000 ppm	2.571	1.041 ppm	± 0.022 ppm
1,2-Dichloroethane	107-06-2	1.000 ppm	2.571	1.051 ppm	± 0.025 ppm
1,1,1-Trichloroethane	71-55-6	1.000 ppm	2.571	1.046 ppm	± 0.025 ppm
Benzene	71-43-2	1.000 ppm	2.571	1.050 ppm	± 0.025 ppm
1-Butanol	71-36-3	1.000 ppm	2.571	1.083 ppm	± 0.024 ppm
Carbon Tetrachloride	56-23-5	1.000 ppm	2.571	1.017 ppm	± 0.023 ppm
Cyclohexane	110-82-7	1.000 ppm	2.571	1.039 ppm	± 0.024 ppm
Dibromomethane	74-95-3	1.000 ppm	2.571	1.042 ppm	± 0.023 ppm
1,2-Dichloropropane	78-87-5	1.000 ppm	2.571	1.038 ppm	± 0.023 ppm
Trichloroethylene	79-01-6	1.000 ppm	2.571	1.043 ppm	± 0.024 ppm
Bromodichloromethane	75-27-4	1.000 ppm	2.571	1.046 ppm	± 0.024 ppm
1,4-Dioxane	123-91-1	1.000 ppm	2.571	1.049 ppm	± 0.024 ppm
2,2,4-Trimethylpentane	540-84-1	1.000 ppm	2.571	1.044 ppm	± 0.024 ppm
Methyl Methacrylate	80-62-6	1.000 ppm	2.571	1.045 ppm	± 0.024 ppm
Heptane	142-82-5	1.000 ppm	2.571	1.043 ppm	± 0.024 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.000 ppm	2.571	1.040 ppm	± 0.021 ppm
Methyl Isobutyl Ketone	108-10-1	1.000 ppm	2.571	1.048 ppm	± 0.021 ppm
Trans-1,3-Dichloropropene	10061-02-6	1.000 ppm	2.571	1.042 ppm	± 0.023 ppm

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Analysis Report

SHIPPED TO:
Test America Inc
5815 Middlebrook Pike
Knoxville, TN 37921

Report ID: 40020
Revision: 0

Sales#:	117512983	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1616319	**Cylinder # :**	CC-525846
Report Date:	Nov-22-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	US1133933807	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24099162	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	Nov-22-2025	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
1,1,2-Trichloroethane	79-00-5	1.000 ppm	2.571	1.046 ppm	± 0.021 ppm
Toluene	108-88-3	1.000 ppm	2.571	1.048 ppm	± 0.022 ppm
Methyl Butyl Ketone	591-78-6	1.000 ppm	2.571	1.054 ppm	± 0.022 ppm
Dibromochloromethane	124-48-1	1.000 ppm	2.571	1.048 ppm	± 0.035 ppm
1,2-Dibromoethane	106-93-4	1.000 ppm	2.571	1.044 ppm	± 0.024 ppm
n-Octane	111-65-9	1.000 ppm	2.571	1.047 ppm	± 0.021 ppm
Tetrachloroethylene	127-18-4	1.000 ppm	2.571	1.047 ppm	± 0.022 ppm
Chlorobenzene	108-90-7	1.000 ppm	2.571	1.043 ppm	± 0.023 ppm
Ethylbenzene	100-41-4	1.000 ppm	2.571	1.048 ppm	± 0.022 ppm
p-xylene	106-42-3	1.000 ppm	2.571	1.044 ppm	± 0.022 ppm
m-xylene	108-38-3	1.000 ppm	2.571	1.044 ppm	± 0.022 ppm
Bromoform	75-25-2	1.000 ppm	2.571	1.047 ppm	± 0.031 ppm
Styrene	100-42-5	1.000 ppm	2.571	1.046 ppm	± 0.026 ppm
o-xylene	95-47-6	1.000 ppm	2.571	1.044 ppm	± 0.024 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.000 ppm	2.571	1.045 ppm	± 0.024 ppm
1,2,3-Trichloropropane	96-18-4	1.000 ppm	2.571	1.051 ppm	± 0.030 ppm
Nonane	111-84-2	1.000 ppm	2.571	1.050 ppm	± 0.022 ppm
Cumene	98-82-8	1.000 ppm	2.571	1.054 ppm	± 0.022 ppm
2-Chlorotoluene	95-49-8	1.000 ppm	2.571	1.050 ppm	± 0.027 ppm
n-Propylbenzene	103-65-1	1.000 ppm	2.571	1.050 ppm	± 0.024 ppm
4-Ethyltoluene	622-96-8	1.000 ppm	2.571	1.051 ppm	± 0.025 ppm
1,3,5-Trimethylbenzene	108-67-8	1.000 ppm	2.571	1.037 ppm	± 0.026 ppm
alpha-Methylstyrene	98-83-9	1.000 ppm	2.571	1.052 ppm	± 0.032 ppm
Tert-Butyl Benzene	98-06-6	1.000 ppm	2.571	1.053 ppm	± 0.026 ppm
1,2,4-Trimethylbenzene	95-63-6	1.000 ppm	2.571	1.045 ppm	± 0.026 ppm
1,3-Dichlorobenzene	541-73-1	1.000 ppm	2.571	1.046 ppm	± 0.030 ppm
Benzyl Chloride	100-44-7	1.000 ppm	2.571	1.055 ppm	± 0.031 ppm

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PAGE: 5 of 5
Report ID: 40020
Revision: 0

Sales#:	117512983	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1616319	**Cylinder # :**	CC-525846
Report Date:	Nov-22-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	US1133933807	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24099162	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	Nov-22-2025	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
n-Decane	124-18-5	1.000 ppm	2.571	1.050 ppm	± 0.031 ppm
1,4-Dichlorobenzene	106-46-7	1.000 ppm	2.571	1.053 ppm	± 0.040 ppm
Sec-Butyl Benzene	135-98-8	1.000 ppm	2.571	1.046 ppm	± 0.025 ppm
4-Isopropyltoluene	99-87-6	1.000 ppm	2.571	1.049 ppm	± 0.027 ppm
1,2-Dichlorobenzene	95-50-1	1.000 ppm	2.571	1.046 ppm	± 0.043 ppm
n-Butyl Benzene	104-51-8	1.000 ppm	2.571	1.048 ppm	± 0.032 ppm
n-Undecane	1120-21-4	1.000 ppm	2.571	1.042 ppm	± 0.024 ppm
1,2,4-Trichlorobenzene	120-82-1	1.000 ppm	2.571	1.094 ppm	± 0.11 ppm
Naphthalene	91-20-3	1.000 ppm	2.571	1.105 ppm	± 0.15 ppm
n-Dodecane	112-40-3	1.000 ppm	2.571	1.048 ppm	± 0.040 ppm
1,2,3-Trichlorobenzene	87-61-6	1.000 ppm	2.571	1.101 ppm	± 0.14 ppm
Hexachloro-1,3-Butadiene	87-68-3	1.000 ppm	2.571	1.083 ppm	± 0.058 ppm
Nitrogen	7727-37-9	Balance		Balance	

Lou Lorenzetti

ANALYST: Lou Lorenzetti

DATE: Nov-22-2024

Linde Spectra Environmental Gases
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Linde North America, Inc.
80 Industrial Drive, Alpha, NJ 08865
Phone: +1.908.329-9700 FAX: +1.908.329-9740

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

1937983
ID ATTO15CALS_00051
Exp 11/22/25 Prpd VTP
TO15 Second Source Tank

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~~ 11/22/25 VTP 3/26/25	**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

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PAGE: 2 of 4

ANALYSIS REPORT

Sales#:	117425259	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1545375	**Cylinder # :**	CC-237336
Report Date:	Oct-25-2021	**Cylinder Pressure:**	1700 psig
P.O.# :	74005680	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	~~Oct-25-2022~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Vinyl Acetate	108-05-4	1.00 ppm	1.05 ppm
Methyl Ethyl Ketone	78-93-3	1.00 ppm	1.02 ppm
Cis-1,2-Dichloroethene	156-59-2	1.00 ppm	1.01 ppm
Hexane	110-54-3	1.00 ppm	1.04 ppm
Chloroform	67-66-3	1.00 ppm	1.01 ppm
Ethyl Acetate	141-78-6	1.00 ppm	1.01 ppm
Tetrahydrofuran	109-99-9	1.00 ppm	0.96 ppm
1,2-Dichloroethane	107-06-2	1.00 ppm	1.02 ppm
1,1,1-Trichloroethane	71-55-6	1.00 ppm	1.03 ppm
Benzene	71-43-2	1.00 ppm	1.03 ppm
1-Butanol	71-36-3	1.00 ppm	0.92 ppm
Carbon Tetrachloride	56-23-5	1.00 ppm	1.03 ppm
Cyclohexane	110-82-7	1.00 ppm	1.05 ppm
Dibromomethane	74-95-3	1.00 ppm	1.03 ppm
1,2-Dichloropropane	78-87-5	1.00 ppm	1.03 ppm
Trichloroethylene	79-01-6	1.00 ppm	1.03 ppm
Bromodichloromethane	75-27-4	1.00 ppm	1.03 ppm
1,4-Dioxane	123-91-1	1.00 ppm	1.02 ppm
2,2,4-Trimethylpentane	540-84-1	1.00 ppm	1.05 ppm
Methyl Methacrylate	80-62-6	1.00 ppm	0.97 ppm
Heptane	142-82-5	1.00 ppm	1.05 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.00 ppm	1.03 ppm
Methylcyclohexane	108-87-2	1.00 ppm	1.04 ppm
Methyl Isobutyl Ketone	108-10-1	1.00 ppm	1.03 ppm
Trans-1,3-Dichloropropene	10061-02-6	1.00 ppm	0.97 ppm
1,1,2-Trichloroethane	79-00-5	1.00 ppm	1.03 ppm
Toluene	108-88-3	1.00 ppm	1.01 ppm
Methyl Butyl Ketone	591-78-6	1.00 ppm	0.98 ppm
Dibromochloromethane	124-48-1	1.00 ppm	0.97 ppm
1,2-Dibromoethane	106-93-4	1.00 ppm	1.05 ppm

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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~~ 11/22/25	**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

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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~~ 11/22/25	**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

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Preliminary Report

Eurofins Burlington

LCS, Lab Control Sample Report

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

Lims ID: LCS Inj. Date: 28-Jun-2024 08:14:13

Worklist ID: 200-0060975-003 Instrument: CHAM.i

Method: TO15_TO3_Master_Method_AM1

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

Preliminary Report

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

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

Preliminary Report

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

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

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

200-74115-A-3	200-74115-A-4	180-176160-A-1
200-74105-A-1	200-74105-A-2	200-74105-A-3
200-74105-A-4	200-74105-A-5	200-74124-A-1
200-74009-A-10	180-176297-A-1	180-176297-A-2
180-176297-A-3	180-176297-A-4	180-176297-A-5

Preliminary Report

Eurofins Burlington

LCSD, LCS Duplicate Report

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

Lims ID: LCSD Inj. Date: 28-Jun-2024 09:05:42

Worklist ID: 200-0060975-004 Instrument: CHAM.i

Method: TO15_TO3_Master_Method_AM1

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

Preliminary Report

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

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

Preliminary Report

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

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

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

200-74115-A-3	200-74115-A-4	180-176160-A-1
200-74105-A-1	200-74105-A-2	200-74105-A-3
200-74105-A-4	200-74105-A-5	200-74124-A-1
200-74009-A-10	180-176297-A-1	180-176297-A-2
180-176297-A-3	180-176297-A-4	180-176297-A-5

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

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

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

Reagent

ATTO15WISs_00010

Spectra Gases, Inc.

3434 Route 22 West, Branchburg, New Jersey 08876 USA

ISO 9001:2000

AT~~06~~= 02-06-05 9/28/05 MTP

SHIPPED FROM: 80 INDUSTRIAL DRIVE ALPHA, NJ. 08865

SHIPPED TO: Severn Trent Labs
208 South Park Drive
Suite 1
Colchester , VT 05446

Recert AT020/009 exp 12/14/08
Instrument F

CERTIFICATE OF ANALYSIS

Lot# 238643

SGI ORDER # :	0077411
ITEM# :	1
CERTIFICATION DATE:	9/16/2005
P.O.# :	2117184
BLEND TYPE:	CERTIFIED

CYLINDER # : CC-172855
CYLINDER PRES: 2000 psig
CYLINDER VALVE: CGA 350
PRODUCT EXPIRATION DATE: 9/16/2006 *

ANALYTICAL ACCURACY: +/- 10%

COMPONENT	REQUESTED GAS CONC	ANALYSIS
Bromochloromethane	100 ppb	100 ppb
1,4-Difluorobenzene	100 ppb	101 ppb
Chlorobenzene-d5	100 ppb	100 ppb
4-Bromofluorobenzene	100 ppb	100 ppb
Nitrogen	Balance	Balance

1675511
ID ATTO15WISs_00010
Exp:11/05/25 Prpd:TPB Opn:11/05/20
Instrument W Internal Sta

* Exp: 11/05/2025
* Recertify at 11/05/2020 by TPB

ANALYST: April Chamberlain

DATE: 9/19/2005

Tel: +1 908-252-9300 Fax: +1 908-252-0811
www.spectragases.com

Method TO15

Volatile Organic Compounds (GC/MS) by Method TO15

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 65709-03.D

Lab ID: LCS 200-217778/3 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	49.4	50.1	101	61-142	
Chlorodifluoromethane	35.4	35.5	101	60-147	
1,2-Dichlorotetrafluoroethane	69.9	68.2	98	71-141	
Chloromethane	20.6	20.9	101	56-141	
n-Butane	23.8	24.6	103	53-151	
Vinyl chloride	25.6	24.1	94	61-135	
1,3-Butadiene	22.1	19.5	88	58-139	
Bromomethane	38.8	37.7	97	72-124	
Chloroethane	26.4	26.0	99	68-130	
Bromoethene(Vinyl Bromide)	43.7	43.5	99	75-125	
Trichlorofluoromethane	56.2	54.5	97	70-129	
1,1,2-Trichlorotrifluoroethane	76.6	74.3	97	70-121	
1,1-Dichloroethene	39.6	39.0	98	68-120	
Acetone	23.7	25.4	107	54-154	
Isopropyl alcohol	24.6	30.4	124	53-142	
Carbon disulfide	31.1	31.0	100	71-138	
3-Chloropropene	31.3	28.8	92	50-150	
Methylene Chloride	34.7	33.9	98	59-137	
tert-Butyl alcohol	30.3	32.7	108	66-132	
Methyl tert-butyl ether	36.0	39.3	109	70-127	
trans-1,2-Dichloroethene	39.6	40.0	101	69-137	
n-Hexane	35.2	38.1	108	63-138	
1,1-Dichloroethane	40.5	39.5	98	66-130	
Methyl Ethyl Ketone (2-Butanone)	29.5	32.0	108	72-124	
cis-1,2-Dichloroethene	39.6	40.8	103	72-121	
Chloroform	48.8	48.0	98	73-124	
Tetrahydrofuran	29.5	31.1	105	60-149	
1,1,1-Trichloroethane	54.6	53.0	97	72-127	
Cyclohexane	34.4	36.9	107	76-124	
Carbon tetrachloride	62.9	63.2	100	71-133	
2,2,4-Trimethylpentane	46.7	50.5	108	68-131	
Benzene	31.9	31.8	100	73-119	
1,2-Dichloroethane	40.5	40.6	100	68-135	
n-Heptane	41.0	44.7	109	60-142	
Trichloroethene	53.7	52.2	97	73-122	
Methyl methacrylate	40.9	44.6	109	73-129	
1,2-Dichloropropane	46.2	45.8	99	69-128	
1,4-Dioxane	36.0	41.7	116	66-129	
Bromodichloromethane	67.0	66.6	99	75-127	
cis-1,3-Dichloropropene	45.4	49.0	108	74-125	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 65709-03.D

Lab ID: LCS 200-217778/3 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	44.3	108	58-144	
Toluene	37.7	39.3	104	75-122	
trans-1,3-Dichloropropene	45.4	48.8	108	74-128	
1,1,2-Trichloroethane	54.6	52.9	97	75-126	
Tetrachloroethene	67.8	65.2	96	70-125	
Methyl Butyl Ketone (2-Hexanone)	41.0	44.4	108	57-143	
Dibromochloromethane	85.2	82.5	97	73-125	
1,2-Dibromoethane	76.8	77.5	101	78-122	
Chlorobenzene	46.0	44.3	96	76-119	
Ethylbenzene	43.4	45.0	104	74-122	
m,p-Xylene	86.8	90.8	105	76-121	
o-Xylene	43.4	46.9	108	73-123	
Styrene	42.6	46.7	110	74-125	
Bromoform	103	96.2	93	53-149	
Cumene	49.1	53.3	108	73-123	
1,1,2,2-Tetrachloroethane	68.6	64.6	94	74-126	
n-Propylbenzene	49.1	51.6	105	73-127	
4-Ethyltoluene	49.2	52.3	106	75-129	
1,3,5-Trimethylbenzene	49.2	51.5	105	72-126	
2-Chlorotoluene	51.8	52.8	102	74-126	
tert-Butylbenzene	54.9	57.6	105	71-125	
1,2,4-Trimethylbenzene	49.2	52.8	107	71-129	
sec-Butylbenzene	54.9	58.3	106	70-128	
4-Isopropyltoluene	54.9	59.6	109	68-130	
1,3-Dichlorobenzene	60.1	59.8	99	69-131	
1,4-Dichlorobenzene	60.1	60.8	101	67-132	
Benzyl chloride	51.8	55.2	107	60-136	
n-Butylbenzene	54.9	61.0	111	65-137	
1,2-Dichlorobenzene	60.1	60.1	100	68-129	
1,2,4-Trichlorobenzene	74.2	94.1	127	50-150	
Hexachlorobutadiene	107	116	108	58-130	
Naphthalene	52.4	75.4	144	50-150	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 65727_004.D

Lab ID: LCS 200-217811/4 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	49.4	54.0	109	61-142	
Chlorodifluoromethane	35.4	42.0	119	60-147	
1,2-Dichlorotetrafluoroethane	69.9	79.8	114	71-141	
Chloromethane	20.6	25.7	124	56-141	
n-Butane	23.8	29.5	124	53-151	
Vinyl chloride	25.6	30.1	118	61-135	
1,3-Butadiene	22.1	24.8	112	58-139	
Bromomethane	38.8	42.9	110	72-124	
Chloroethane	26.4	31.7	120	68-130	
Bromoethene(Vinyl Bromide)	43.7	47.2	108	75-125	
Trichlorofluoromethane	56.2	59.4	106	70-129	
1,1,2-Trichlorotrifluoroethane	76.6	80.5	105	70-121	
1,1-Dichloroethene	39.6	42.6	107	68-120	
Acetone	23.7	28.9	122	54-154	
Isopropyl alcohol	24.6	34.2	139	53-142	
Carbon disulfide	31.1	35.4	114	71-138	
3-Chloropropene	31.3	38.0	121	50-150	
Methylene Chloride	34.7	42.0	121	59-137	
tert-Butyl alcohol	30.3	35.4	117	66-132	
Methyl tert-butyl ether	36.0	40.6	113	70-127	
trans-1,2-Dichloroethene	39.6	46.1	116	69-137	
n-Hexane	35.2	41.4	118	63-138	
1,1-Dichloroethane	40.5	47.2	117	66-130	
Methyl Ethyl Ketone (2-Butanone)	29.5	33.8	115	72-124	
cis-1,2-Dichloroethene	39.6	42.0	106	72-121	
Chloroform	48.8	53.3	109	73-124	
Tetrahydrofuran	29.5	36.6	124	60-149	
1,1,1-Trichloroethane	54.6	57.5	105	72-127	
Cyclohexane	34.4	37.4	109	76-124	
Carbon tetrachloride	62.9	66.6	106	71-133	
2,2,4-Trimethylpentane	46.7	55.6	119	68-131	
Benzene	31.9	35.2	110	73-119	
1,2-Dichloroethane	40.5	45.4	112	68-135	
n-Heptane	41.0	51.2	125	60-142	
Trichloroethene	53.7	57.7	107	73-122	
Methyl methacrylate	40.9	47.6	116	73-129	
1,2-Dichloropropane	46.2	53.8	117	69-128	
1,4-Dioxane	36.0	40.4	112	66-129	
Bromodichloromethane	67.0	73.6	110	75-127	
cis-1,3-Dichloropropene	45.4	51.7	114	74-125	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 65727_004.D

Lab ID: LCS 200-217811/4 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	52.4	128	58-144	
Toluene	37.7	40.6	108	75-122	
trans-1,3-Dichloropropene	45.4	52.3	115	74-128	
1,1,2-Trichloroethane	54.6	60.2	110	75-126	
Tetrachloroethene	67.8	66.0	97	70-125	
Methyl Butyl Ketone (2-Hexanone)	41.0	53.9	132	57-143	
Dibromochloromethane	85.2	88.4	104	73-125	
1,2-Dibromoethane	76.8	82.9	108	78-122	
Chlorobenzene	46.0	47.5	103	76-119	
Ethylbenzene	43.4	47.6	110	74-122	
m,p-Xylene	86.8	92.7	107	76-121	
o-Xylene	43.4	46.6	107	73-123	
Styrene	42.6	47.8	112	74-125	
Bromoform	103	103	99	53-149	
Cumene	49.1	53.8	110	73-123	
1,1,2,2-Tetrachloroethane	68.6	78.7	115	74-126	
n-Propylbenzene	49.1	56.1	114	73-127	
4-Ethyltoluene	49.2	54.9	112	75-129	
1,3,5-Trimethylbenzene	49.2	54.2	110	72-126	
2-Chlorotoluene	51.8	58.0	112	74-126	
tert-Butylbenzene	54.9	59.0	107	71-125	
1,2,4-Trimethylbenzene	49.2	54.5	111	71-129	
sec-Butylbenzene	54.9	61.5	112	70-128	
4-Isopropyltoluene	54.9	60.5	110	68-130	
1,3-Dichlorobenzene	60.1	63.7	106	69-131	
1,4-Dichlorobenzene	60.1	63.5	106	67-132	
Benzyl chloride	51.8	63.8	123	60-136	
n-Butylbenzene	54.9	64.8	118	65-137	
1,2-Dichlorobenzene	60.1	63.2	105	68-129	
1,2,4-Trichlorobenzene	74.2	88.1	119	50-150	
Hexachlorobutadiene	107	114	107	58-130	
Naphthalene	52.4	75.1	143	50-150	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 65728-03.d

Lab ID: LCS 200-217812/3 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	49.4	47.0	95	61-142	
Chlorodifluoromethane	35.4	34.4	97	60-147	
1,2-Dichlorotetrafluoroethane	69.9	64.6	92	71-141	
Chloromethane	20.6	20.2	98	56-141	
n-Butane	23.8	22.5	95	53-151	
Vinyl chloride	25.6	21.9	86	61-135	
1,3-Butadiene	22.1	18.5	84	58-139	
Bromomethane	38.8	35.1	90	72-124	
Chloroethane	26.4	24.6	93	68-130	
Bromoethene(Vinyl Bromide)	43.7	40.8	93	75-125	
Trichlorofluoromethane	56.2	50.5	90	70-129	
1,1,2-Trichlorotrifluoroethane	76.6	66.7	87	70-121	
1,1-Dichloroethene	39.6	35.1	89	68-120	
Acetone	23.7	22.6	95	54-154	
Isopropyl alcohol	24.6	24.5	100	53-142	
Carbon disulfide	31.1	28.2	90	71-138	
3-Chloropropene	31.3	31.7	101	50-150	
Methylene Chloride	34.7	31.5	91	59-137	
tert-Butyl alcohol	30.3	27.9	92	66-132	
Methyl tert-butyl ether	36.0	36.2	100	70-127	
trans-1,2-Dichloroethene	39.6	38.3	97	69-137	
n-Hexane	35.2	35.5	101	63-138	
1,1-Dichloroethane	40.5	36.1	89	66-130	
Methyl Ethyl Ketone (2-Butanone)	29.5	28.8	98	72-124	
cis-1,2-Dichloroethene	39.6	35.6	90	72-121	
Chloroform	48.8	44.4	91	73-124	
Tetrahydrofuran	29.5	28.0	95	60-149	
1,1,1-Trichloroethane	54.6	48.4	89	72-127	
Cyclohexane	34.4	33.2	97	76-124	
Carbon tetrachloride	62.9	57.2	91	71-133	
2,2,4-Trimethylpentane	46.7	46.9	100	68-131	
Benzene	31.9	29.5	92	73-119	
1,2-Dichloroethane	40.5	37.5	93	68-135	
n-Heptane	41.0	42.2	103	60-142	
Trichloroethene	53.7	46.3	86	73-122	
Methyl methacrylate	40.9	40.5	99	73-129	
1,2-Dichloropropane	46.2	43.0	93	69-128	
1,4-Dioxane	36.0	33.2	92	66-129	
Bromodichloromethane	67.0	61.4	92	75-127	
cis-1,3-Dichloropropene	45.4	44.0	97	74-125	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 65728-03.d

Lab ID: LCS 200-217812/3 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	41.6	101	58-144	
Toluene	37.7	36.7	97	75-122	
trans-1,3-Dichloropropene	45.4	48.5	107	74-128	
1,1,2-Trichloroethane	54.6	50.2	92	75-126	
Tetrachloroethene	67.8	59.8	88	70-125	
Methyl Butyl Ketone (2-Hexanone)	41.0	41.3	101	57-143	
Dibromochloromethane	85.2	77.6	91	73-125	
1,2-Dibromoethane	76.8	71.8	93	78-122	
Chlorobenzene	46.0	41.5	90	76-119	
Ethylbenzene	43.4	41.9	96	74-122	
m,p-Xylene	86.8	84.9	98	76-121	
o-Xylene	43.4	43.3	100	73-123	
Styrene	42.6	43.5	102	74-125	
Bromoform	103	95.8	93	53-149	
Cumene	49.1	49.6	101	73-123	
1,1,2,2-Tetrachloroethane	68.6	63.3	92	74-126	
n-Propylbenzene	49.1	48.1	98	73-127	
4-Ethyltoluene	49.2	49.3	100	75-129	
1,3,5-Trimethylbenzene	49.2	48.1	98	72-126	
2-Chlorotoluene	51.8	49.3	95	74-126	
tert-Butylbenzene	54.9	53.4	97	71-125	
1,2,4-Trimethylbenzene	49.2	48.8	99	71-129	
sec-Butylbenzene	54.9	54.2	99	70-128	
4-Isopropyltoluene	54.9	53.9	98	68-130	
1,3-Dichlorobenzene	60.1	54.4	91	69-131	
1,4-Dichlorobenzene	60.1	55.4	92	67-132	
Benzyl chloride	51.8	50.8	98	60-136	
n-Butylbenzene	54.9	55.8	102	65-137	
1,2-Dichlorobenzene	60.1	54.6	91	68-129	
1,2,4-Trichlorobenzene	74.2	84.2	113	50-150	
Hexachlorobutadiene	107	107	101	58-130	
Naphthalene	52.4	62.8	120	50-150	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Lab File ID: 65709-05.d Lab Sample ID: MB 200-217778/5

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHW.i Date Analyzed: 06/24/2025 13:45

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 200-217778/3	65709-03.D	06/24/2025 11:32
RXSV-04	200-78438-1	65709-08.d	06/24/2025 16:28
RXSV-04 DL	200-78438-1 DL	65709-09.d	06/24/2025 17:23
DUP-SV-06202025	200-78438-2	65709-10.d	06/24/2025 18:16
RXSV-05	200-78438-3	65709-12.d	06/24/2025 20:03
RXSV-05 DL	200-78438-3 DL	65709-13.d	06/24/2025 20:56
RXSV-01	200-78438-4	65709-14.d	06/24/2025 21:48
RXSV-09	200-78438-5	65709-16.d	06/24/2025 23:34
RXSV-09 DL	200-78438-5 DL	65709-17.d	06/25/2025 00:26

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Lab File ID: 65728-05.d Lab Sample ID: MB 200-217812/5

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHW.i Date Analyzed: 06/25/2025 11:12

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 200-217812/3	65728-03.d	06/25/2025 09:29
RXSV-07	200-78438-6	65728-26.d	06/26/2025 05:29
RXSV-07 DL	200-78438-6 DL	65728-27.d	06/26/2025 06:21

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Lab File ID: 65727_006.D Lab Sample ID: MB 200-217811/6

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHAM.i Date Analyzed: 06/25/2025 11:35

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 200-217811/4	65727_004.D	06/25/2025 09:51
DUP-SV-06202025 DL	200-78438-2 DL	65727_008.D	06/25/2025 13:18
RXSV-01 DL	200-78438-4 DL	65727_009.D	06/25/2025 14:10

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Lab File ID: 65121_001.D BFB Injection Date: 05/12/2025

Instrument ID: CHAM.i BFB Injection Time: 14:16

Analysis Batch No.: 216098

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	17.4	
75	30.0 - 66.0% of mass 95	46.9	
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	71.6	
175	4.0 - 9.0 % of mass 174	5.3	(7.4) 1
176	93.0 - 101.0% of mass 174	69.3	(96.8) 1
177	5.0 - 9.0% of mass 176	4.5	(6.5) 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 200-216098/4	65111_004.D	05/12/2025	16:47
	IC 200-216098/6	65111_006.D	05/12/2025	18:29
	IC 200-216098/7	65111_007.D	05/12/2025	19:20
	IC 200-216098/8	65111_008.D	05/12/2025	20:12
	ICIS 200-216098/9	65111_009.D	05/12/2025	21:03
	IC 200-216098/10	65111_010.D	05/12/2025	21:54
	IC 200-216098/13	65111_013.D	05/13/2025	0:28
	IC 200-216098/14	65111_014.D	05/13/2025	1:19
	ICV 200-216098/19	65111_019.D	05/13/2025	5:35

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Lab File ID: 65727_001.D BFB Injection Date: 06/25/2025

Instrument ID: CHAM.i BFB Injection Time: 07:18

Analysis Batch No.: 217811

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	20.5	
75	30.0 - 66.0% of mass 95	50.4	
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	66.1	
175	4.0 - 9.0 % of mass 174	4.9	(7.4) 1
176	93.0 - 101.0% of mass 174	63.5	(96.1) 1
177	5.0 - 9.0% of mass 176	4.2	(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 200-217811/3	65727_003.D	06/25/2025	8:59
	LCS 200-217811/4	65727_004.D	06/25/2025	9:51
	MB 200-217811/6	65727_006.D	06/25/2025	11:35
DUP-SV-06202025 DL	200-78438-2 DL	65727_008.D	06/25/2025	13:18
RXSV-01 DL	200-78438-4 DL	65727_009.D	06/25/2025	14:10

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Lab File ID: 65696-01.d BFB Injection Date: 06/23/2025

Instrument ID: CHW.i BFB Injection Time: 13:58

Analysis Batch No.: 217752

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	15.2	
75	30.0 - 66.0% of mass 95	43.9	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.5	
173	Less than 2.0% of mass 174	0.6	(0.7) 1
174	50.0 - 120.0% of mass 95	86.5	
175	4.0 - 9.0 % of mass 174	6.2	(7.2) 1
176	93.0 - 101.0% of mass 174	83.8	(96.8) 1
177	5.0 - 9.0% of mass 176	5.5	(6.5) 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 200-217752/4	65696-04.d	06/23/2025	16:41
	IC 200-217752/6	65696-06.d	06/23/2025	18:29
	IC 200-217752/8	65696-08.d	06/23/2025	20:15
	ICIS 200-217752/10	65696-10.d	06/23/2025	22:01
	IC 200-217752/11	65696-11.d	06/23/2025	22:55
	IC 200-217752/12	65696-12.d	06/23/2025	23:49
	IC 200-217752/14	65696-14.d	06/24/2025	1:34
	IC 200-217752/15	65696-15.d	06/24/2025	2:26
	ICV 200-217752/18	65696-18.d	06/24/2025	5:03

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Lab File ID: 65709-01.d BFB Injection Date: 06/24/2025

Instrument ID: CHW.i BFB Injection Time: 09:31

Analysis Batch No.: 217778

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	15.0	
75	30.0 - 66.0% of mass 95	44.1	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.6	(0.7) 1
174	50.0 - 120.0% of mass 95	89.5	
175	4.0 - 9.0 % of mass 174	6.5	(7.3) 1
176	93.0 - 101.0% of mass 174	86.6	(96.8) 1
177	5.0 - 9.0% of mass 176	5.7	(6.6) 2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-217778/2	65709-02.d	06/24/2025	10:38
	LCS 200-217778/3	65709-03.D	06/24/2025	11:32
	MB 200-217778/5	65709-05.d	06/24/2025	13:45
RXSV-04	200-78438-1	65709-08.d	06/24/2025	16:28
RXSV-04 DL	200-78438-1 DL	65709-09.d	06/24/2025	17:23
DUP-SV-06202025	200-78438-2	65709-10.d	06/24/2025	18:16
RXSV-05	200-78438-3	65709-12.d	06/24/2025	20:03
RXSV-05 DL	200-78438-3 DL	65709-13.d	06/24/2025	20:56
RXSV-01	200-78438-4	65709-14.d	06/24/2025	21:48
RXSV-09	200-78438-5	65709-16.d	06/24/2025	23:34
RXSV-09 DL	200-78438-5 DL	65709-17.d	06/25/2025	0:26

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Lab File ID: 65728-01.d BFB Injection Date: 06/25/2025

Instrument ID: CHW.i BFB Injection Time: 07:42

Analysis Batch No.: 217812

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	15.0	
75	30.0 - 66.0% of mass 95	43.6	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.5	
173	Less than 2.0% of mass 174	0.6	(0.6) 1
174	50.0 - 120.0% of mass 95	89.9	
175	4.0 - 9.0 % of mass 174	6.4	(7.1) 1
176	93.0 - 101.0% of mass 174	87.0	(96.8) 1
177	5.0 - 9.0% of mass 176	5.6	(6.4) 2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-217812/2	65728-02.d	06/25/2025	8:36
	LCS 200-217812/3	65728-03.d	06/25/2025	9:29
	MB 200-217812/5	65728-05.d	06/25/2025	11:12
RXSV-07	200-78438-6	65728-26.d	06/26/2025	5:29
RXSV-07 DL	200-78438-6 DL	65728-27.d	06/26/2025	6:21

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Sample No.: ICIS 200-216098/9 Date Analyzed: 05/12/2025 21:03

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 65111_009.D Heated Purge: (Y/N) N

Calibration ID: 55138

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		317123	11.67	1548873	13.52	1443390	19.03
UPPER LIMIT		443972	12.00	2168422	13.85	2020746	19.36
LOWER LIMIT		190274	11.34	929324	13.19	866034	18.70
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-216098/19		348269	11.67	1690407	13.52	1576934	19.03

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

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Sample No.: CCVIS 200-217811/3 Date Analyzed: 06/25/2025 08:59

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 65727_003.D Heated Purge: (Y/N) N

Calibration ID: 55138

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		262349	11.67	1283575	13.52	1197972	19.03
UPPER LIMIT		367289	12.00	1797005	13.85	1677161	19.36
LOWER LIMIT		157409	11.34	770145	13.19	718783	18.70
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-217811/4		269903	11.67	1315333	13.52	1230588	19.03
MB 200-217811/6		259873	11.67	1247981	13.52	1103920	19.03
200-78438-2 DL	DUP-SV-06202025 DL	236382	11.67	1167602	13.52	1054258	19.03
200-78438-4 DL	RXSV-01 DL	243483	11.67	1189471	13.52	1103966	19.03

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

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Sample No.: ICIS 200-217752/10 Date Analyzed: 06/23/2025 22:01

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 65696-10.d Heated Purge: (Y/N) N

Calibration ID: 55463

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		275149	12.19	1374540	14.19	1230019	19.90
UPPER LIMIT		385209	12.52	1924356	14.52	1722027	20.23
LOWER LIMIT		165089	11.86	824724	13.86	738011	19.57
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-217752/18		266834	12.19	1367099	14.19	1217011	19.90

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

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Sample No.: CCVIS 200-217778/2 Date Analyzed: 06/24/2025 10:38

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 65709-02.d Heated Purge: (Y/N) N

Calibration ID: 55463

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		264701	12.19	1352835	14.19	1258903	19.91
UPPER LIMIT		370581	12.52	1893969	14.52	1762464	20.24
LOWER LIMIT		158821	11.86	811701	13.86	755342	19.58
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-217778/3		270338	12.19	1377050	14.19	1275001	19.91
MB 200-217778/5		252301	12.19	1258846	14.20	1176461	19.91
200-78438-1	RXSV-04	241636	12.19	1219110	14.19	1168060	19.91
200-78438-1 DL	RXSV-04 DL	216629	12.19	1089539	14.20	1044535	19.91
200-78438-2	DUP-SV-06202025	253932	12.19	1305165	14.19	1217147	19.91
200-78438-3	RXSV-05	255258	12.19	1299322	14.20	1214579	19.91
200-78438-3 DL	RXSV-05 DL	247745	12.19	1256291	14.19	1164434	19.91
200-78438-4	RXSV-01	277772	12.19	1461631	14.19	1330172	19.91
200-78438-5	RXSV-09	252017	12.19	1284651	14.19	1231366	19.91
200-78438-5 DL	RXSV-09 DL	239043	12.19	1214269	14.19	1130617	19.91

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

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Sample No.: CCVIS 200-217812/2 Date Analyzed: 06/25/2025 08:36

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 65728-02.d Heated Purge: (Y/N) N

Calibration ID: 55463

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		286419	12.19	1469781	14.19	1316659	19.91
UPPER LIMIT		400987	12.52	2057693	14.52	1843323	20.24
LOWER LIMIT		171851	11.86	881869	13.86	789995	19.58
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-217812/3		277738	12.16	1430031	14.17	1292868	19.90
MB 200-217812/5		257418	12.19	1279478	14.19	1165844	19.91
200-78438-6	RXSV-07	230728	12.19	1221516	14.19	1076280	19.90
200-78438-6 DL	RXSV-07 DL	224659	12.19	1165534	14.19	1029619	19.90

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.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-04 Lab Sample ID: 200-78438-1

Matrix: Air Lab File ID: 65709-08.d

Analysis Method: TO-15 Date Collected: 06/20/2025 12:45

Sample wt/vol: 200(mL) Date Analyzed: 06/24/2025 16:28

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 217778 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	140		2.5	1.1
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	29		1.4	0.53
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.68
75-01-4	Vinyl chloride	62.50	8.9		0.20	0.074
106-99-0	1,3-Butadiene	54.09	3.8		0.44	0.088
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.24
75-00-3	Chloroethane	64.52	3.9		1.3	0.42
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.21
75-69-4	Trichlorofluoromethane	137.37	0.73	J	1.1	0.43
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.44
75-35-4	1,1-Dichloroethene	96.94	1.2		0.20	0.14
67-63-0	Isopropyl alcohol	60.10	12	U	12	5.4
75-15-0	Carbon disulfide	76.14	41		1.6	0.56
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.25
75-09-2	Methylene Chloride	84.93	1.5	J	1.7	0.66
75-65-0	tert-Butyl alcohol	74.12	13	J	15	4.9
1634-04-4	Methyl tert-butyl ether	88.15	63		0.72	0.24
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.079
110-54-3	n-Hexane	86.17	140		1.8	0.56
75-34-3	1,1-Dichloroethane	98.96	100		0.81	0.073
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	9.1		1.5	0.41
156-59-2	cis-1,2-Dichloroethene	96.94	1.8		0.20	0.13
67-66-3	Chloroform	119.38	190		0.98	0.29
109-99-9	Tetrahydrofuran	72.11	15	U	15	5.0
71-55-6	1,1,1-Trichloroethane	133.41	21		1.1	0.40
110-82-7	Cyclohexane	84.16	100		0.69	0.18
56-23-5	Carbon tetrachloride	153.81	0.26		0.22	0.15
540-84-1	2,2,4-Trimethylpentane	114.23	130		0.93	0.33
71-43-2	Benzene	78.11	95		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.30

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-04 Lab Sample ID: 200-78438-1

Matrix: Air Lab File ID: 65709-08.d

Analysis Method: TO-15 Date Collected: 06/20/2025 12:45

Sample wt/vol: 200(mL) Date Analyzed: 06/24/2025 16:28

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 217778 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	74		0.82	0.35
79-01-6	Trichloroethene	131.39	5.2		0.20	0.16
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.53
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.25
123-91-1	1,4-Dioxane	88.11	18	U	18	0.68
75-27-4	Bromodichloromethane	163.83	15		1.3	0.39
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	3.9		2.0	0.78
108-88-3	Toluene	92.14	120		0.75	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.28
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.29
127-18-4	Tetrachloroethene	165.83	14		1.4	0.24
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.45
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.22
100-41-4	Ethylbenzene	106.17	62		0.87	0.22
179601-23-1	m,p-Xylene	106.17	260		2.2	0.061
95-47-6	o-Xylene	106.17	170		0.87	0.30
100-42-5	Styrene	104.15	4.7		0.85	0.24
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	49		0.98	0.35
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.42
103-65-1	n-Propylbenzene	120.19	140		0.98	0.30
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.30
98-06-6	tert-Butylbenzene	134.22	2.9		1.1	0.38
135-98-8	sec-Butylbenzene	134.22	14		1.1	0.40
99-87-6	4-Isopropyltoluene	134.22	14		1.1	0.43
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.38
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.42

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-04 Lab Sample ID: 200-78438-1

Matrix: Air Lab File ID: 65709-08.d

Analysis Method: TO-15 Date Collected: 06/20/2025 12:45

Sample wt/vol: 200(mL) Date Analyzed: 06/24/2025 16:28

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 217778 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	1.2		1.0	0.38
104-51-8	n-Butylbenzene	134.22	12		1.1	0.38
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	2.2
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.83
91-20-3	Naphthalene	128.17	3.6		2.0	0.58

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-04 Lab Sample ID: 200-78438-1

Matrix: Air Lab File ID: 65709-08.d

Analysis Method: TO-15 Date Collected: 06/20/2025 12:45

Sample wt/vol: 200(mL) Date Analyzed: 06/24/2025 16:28

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 217778 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	28		0.50	0.22
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	4.1		0.20	0.076
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.33
75-01-4	Vinyl chloride	62.50	3.5		0.078	0.029
106-99-0	1,3-Butadiene	54.09	1.7		0.20	0.040
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.062
75-00-3	Chloroethane	64.52	1.5		0.50	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.048
75-69-4	Trichlorofluoromethane	137.37	0.13	J	0.20	0.077
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.057
75-35-4	1,1-Dichloroethene	96.94	0.29		0.050	0.035
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	2.2
75-15-0	Carbon disulfide	76.14	13		0.50	0.18
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.081
75-09-2	Methylene Chloride	84.93	0.42	J	0.50	0.19
75-65-0	tert-Butyl alcohol	74.12	4.1	J	5.0	1.6
1634-04-4	Methyl tert-butyl ether	88.15	17		0.20	0.066
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.020
110-54-3	n-Hexane	86.17	39		0.50	0.16
75-34-3	1,1-Dichloroethane	98.96	25		0.20	0.018
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	3.1		0.50	0.14
156-59-2	cis-1,2-Dichloroethene	96.94	0.46		0.050	0.032
67-66-3	Chloroform	119.38	39		0.20	0.059
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.7
71-55-6	1,1,1-Trichloroethane	133.41	3.8		0.20	0.073
110-82-7	Cyclohexane	84.16	29		0.20	0.052
56-23-5	Carbon tetrachloride	153.81	0.041		0.035	0.024
540-84-1	2,2,4-Trimethylpentane	114.23	28		0.20	0.071
71-43-2	Benzene	78.11	30		0.20	0.051
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.074

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-04 Lab Sample ID: 200-78438-1

Matrix: Air Lab File ID: 65709-08.d

Analysis Method: TO-15 Date Collected: 06/20/2025 12:45

Sample wt/vol: 200(mL) Date Analyzed: 06/24/2025 16:28

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 217778 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	18		0.20	0.086
79-01-6	Trichloroethene	131.39	0.97		0.037	0.029
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.13
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.055
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.19
75-27-4	Bromodichloromethane	163.83	2.2		0.20	0.058
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.056
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.94		0.50	0.19
108-88-3	Toluene	92.14	33		0.20	0.054
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.062
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.053
127-18-4	Tetrachloroethene	165.83	2.1		0.20	0.036
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.053
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.045
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.047
100-41-4	Ethylbenzene	106.17	14		0.20	0.051
179601-23-1	m,p-Xylene	106.17	59		0.50	0.014
95-47-6	o-Xylene	106.17	39		0.20	0.069
100-42-5	Styrene	104.15	1.1		0.20	0.056
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	9.9		0.20	0.072
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.061
103-65-1	n-Propylbenzene	120.19	29		0.20	0.062
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.058
98-06-6	tert-Butylbenzene	134.22	0.53		0.20	0.070
135-98-8	sec-Butylbenzene	134.22	2.5		0.20	0.072
99-87-6	4-Isopropyltoluene	134.22	2.6		0.20	0.078
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.063
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.070

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-04 Lab Sample ID: 200-78438-1

Matrix: Air Lab File ID: 65709-08.d

Analysis Method: TO-15 Date Collected: 06/20/2025 12:45

Sample wt/vol: 200(mL) Date Analyzed: 06/24/2025 16:28

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 217778 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	0.24		0.20	0.074
104-51-8	n-Butylbenzene	134.22	2.1		0.20	0.070
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	0.30
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.078
91-20-3	Naphthalene	128.17	0.69		0.38	0.11

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d
Lims ID: 200-78438-A-1
Client ID: RXSV-04
Sample Type: Client
Inject. Date: 24-Jun-2025 16:28:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065709-008
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 25-Jun-2025 10:22:40 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1688

First Level Reviewer: F7XK Date: 25-Jun-2025 10:22:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.200	4.201	-0.001	99	1868403	27.9	
3 Chlorodifluoromethane	51	4.238	4.238	0.000	97	4856529	125.4	E
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.532	4.538	-0.006	44	310863	4.13	
5 Chloromethane	50	4.644	4.644	-0.006	22	6902	0.2945	M
6 Vinyl chloride	62	4.944	4.949	-0.005	47	79777	3.48	
7 Butane	43	4.949	4.949	0.000	97	8612257	303.9	E
8 Butadiene	54	5.062	5.062	0.000	88	27758	1.71	
9 Bromomethane	94		5.805				ND	
10 Chloroethane	64	6.099	6.099	-0.001	95	23227	1.47	M
13 Vinyl bromide	106		6.570				ND	MU
14 Trichlorofluoromethane	101	6.752	6.752	0.000	71	8930	0.1297	M
20 1,1-Dichloroethene	96	7.988	7.988	0.000	96	9023	0.2945	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.031				ND	MU
22 Acetone	43	8.063	8.063	0.000	97	3257498	91.0	E
23 Isopropyl alcohol	45	8.453	8.453	0.048	94	25155	0.6732	M
24 Carbon disulfide	76	8.475	8.475	0.000	99	1142036	13.2	
26 3-Chloro-1-propene	41		8.812				ND	MU
27 Methylene Chloride	49	9.095	9.090	0.005	81	13273	0.4175	
28 2-Methyl-2-propanol	59	9.336	9.320	0.016	93	211543	4.14	
31 Methyl tert-butyl ether	73	9.700	9.695	0.005	95	1306303	17.5	
30 trans-1,2-Dichloroethene	61		9.695				ND	MU
32 Hexane	57	10.304	10.299	0.005	89	1659415	38.8	
33 1,1-Dichloroethane	63	10.593	10.593	0.000	100	1355380	24.8	
36 2-Butanone (MEK)	72	11.695	11.685	0.010	97	45201	3.10	
37 cis-1,2-Dichloroethene	96	11.727	11.728	-0.001	91	15486	0.4606	
* 39 Chlorobromomethane	128	12.193	12.188	0.005	88	241636	10.0	
40 Tetrahydrofuran	42		12.236				ND	MU
41 Chloroform	83	12.380	12.380	0.000	96	2413617	39.3	
42 1,1,1-Trichloroethane	97	12.733	12.728	0.005	98	234761	3.85	
43 Cyclohexane	84	12.894	12.894	0.000	98	1192535	29.4	
44 Carbon tetrachloride	117	13.043	13.044	-0.001	13	2546	0.0406	
45 Benzene	78	13.413	13.413	0.000	95	2879902	29.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
46 1,2-Dichloroethane	62		13.488				ND	MU
47 Isooctane	57	13.648	13.643	0.005	99	3883468	27.6	
48 n-Heptane	43	13.974	13.969	0.005	89	844399	18.1	
* 49 1,4-Difluorobenzene	114	14.194	14.194	0.000	94	1219110	10.0	
51 Trichloroethene	95	14.670	14.670	0.005	94	44475	0.9746	M
53 1,2-Dichloropropane	63		15.146				ND	MU
54 Methyl methacrylate	69		15.216				ND	MU
55 1,4-Dioxane	88		15.274				ND	7
58 Dichlorobromomethane	83	15.627	15.633	-0.006	79	144618	2.22	
59 cis-1,3-Dichloropropene	75		16.473				ND	7
61 4-Methyl-2-pentanone (MIBK)	43	16.724	16.724	0.005	85	54497	0.9444	M
62 Toluene	92	17.147	17.147	0.000	94	2296477	32.6	
66 trans-1,3-Dichloropropene	75		17.553				ND	MU
67 1,1,2-Trichloroethane	83		17.949				ND	MU
68 Tetrachloroethene	166	18.179	18.179	0.000	97	140443	2.10	
69 2-Hexanone	43		18.340				ND	MU
70 Chlorodibromomethane	129		18.720				ND	MU
71 Ethylene Dibromide	107		18.976				ND	
* 73 Chlorobenzene-d5	117	19.907	19.907	0.000	84	1168060	10.0	
74 Chlorobenzene	112	19.971	19.966	0.005	39	4416	0.0410	
75 Ethylbenzene	91	20.153	20.148	0.005	98	2273249	14.4	
76 m-Xylene & p-Xylene	106	20.394	20.405	-0.011	0	3698602	59.2	
78 o-Xylene	106	21.116	21.111	0.005	99	2270063	39.4	
79 Styrene	104	21.138	21.138	-0.005	51	106886	1.11	M
81 Bromoform	173		21.464				ND	7
82 Isopropylbenzene	105	21.731	21.731	-0.001	97	1705408	9.89	
83 1,1,2,2-Tetrachloroethane	83		22.192				ND	MU
85 N-Propylbenzene	91	22.389	22.389	-0.001	100	6357398	29.2	
86 2-Chlorotoluene	91		22.539				ND	MU
87 4-Ethyltoluene	105	22.571	22.571	0.000	99	9233295	51.7	E
88 1,3,5-Trimethylbenzene	105	22.657	22.652	0.005	94	8971159	59.4	E
91 tert-Butylbenzene	119	23.117	23.117	0.000	47	79717	0.5325	M
92 1,2,4-Trimethylbenzene	105	23.202	23.197	0.005	97	16361614	109.4	E
93 sec-Butylbenzene	105	23.438	23.438	0.000	96	571189	2.54	M
94 1,3-Dichlorobenzene	146		23.631				ND	MU
95 4-Isopropyltoluene	119	23.652	23.652	0.000	98	501591	2.62	
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	75	5075	0.0437	
97 Benzyl chloride	91	23.930	23.930	0.005	65	30822	0.2358	M
98 n-Butylbenzene	91	24.251	24.251	0.000	96	366073	2.12	
99 1,2-Dichlorobenzene	146	24.315	24.321	0.005	44	2760	0.0245	
102 1,2,4-Trichlorobenzene	180	27.033	27.028	0.005	67	7155	0.0869	
103 Hexachlorobutadiene	225	27.295	27.295	0.000	91	2117	0.0232	
104 Naphthalene	128	27.579	27.579	0.000	99	108158	0.6877	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

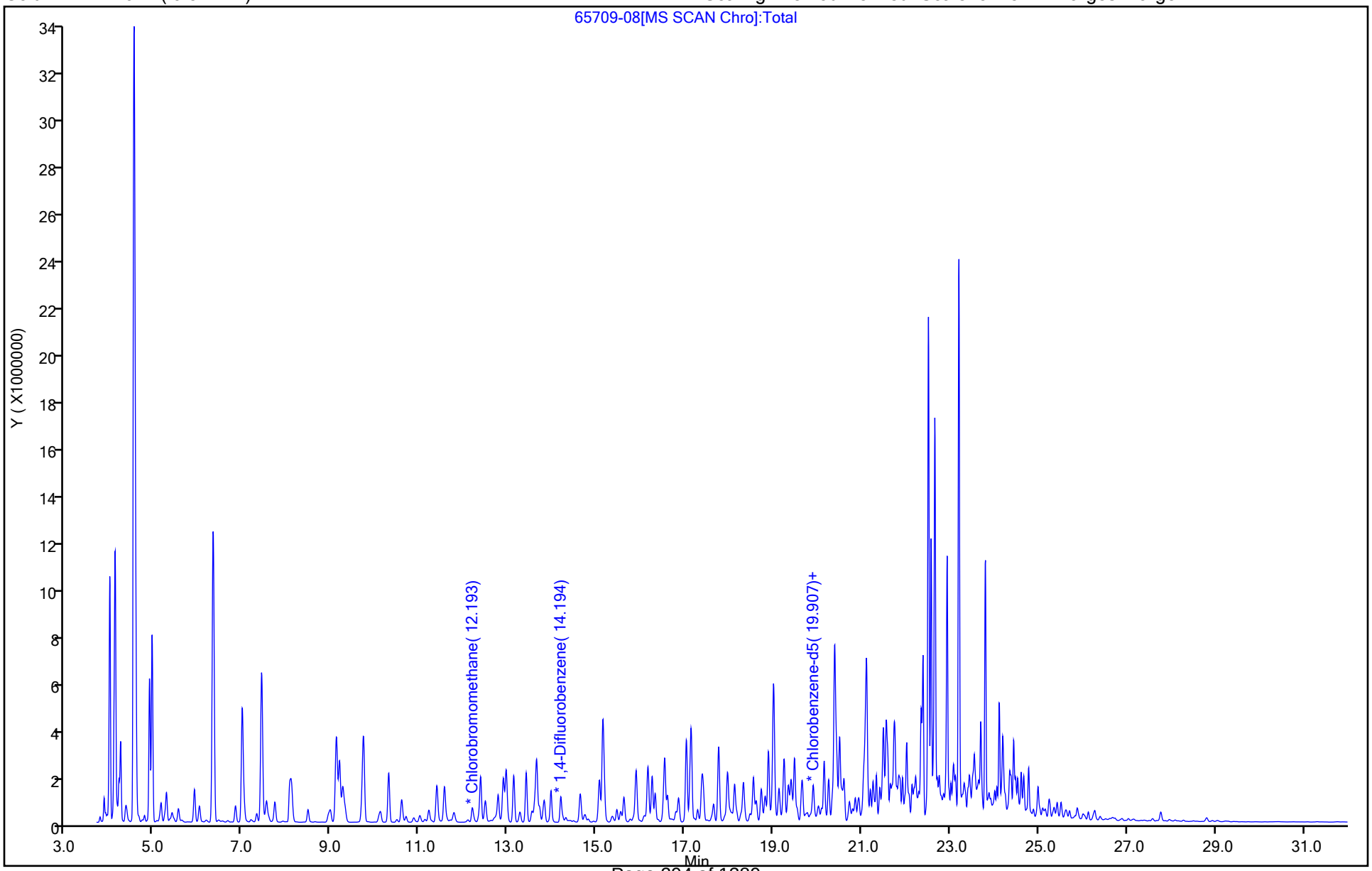
ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 25-Jun-2025 10:22:40 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1	Worklist Smp#:	8
Client ID:	RXSV-04				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



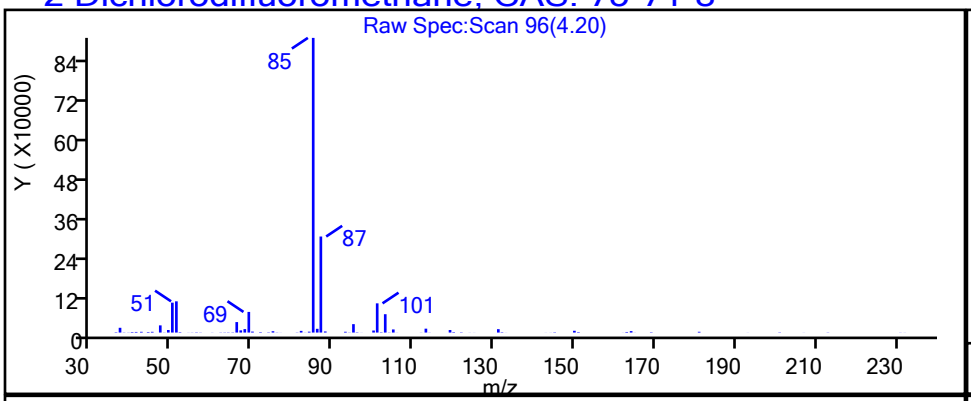
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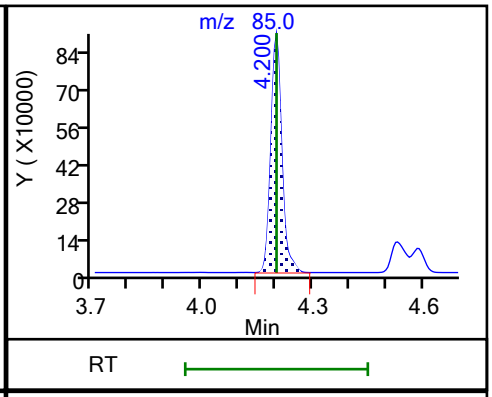
Eurofins Burlington

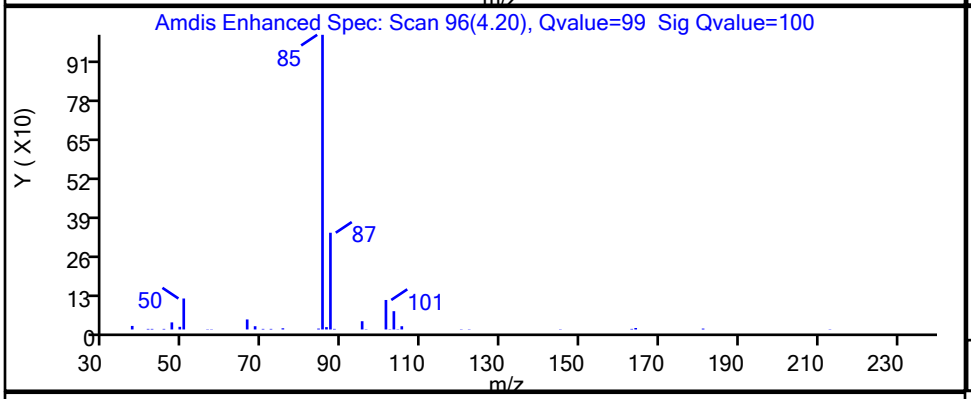
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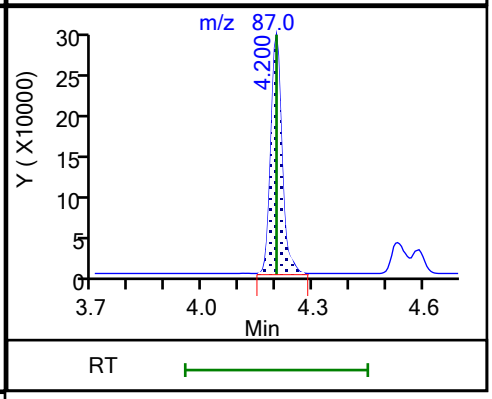
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

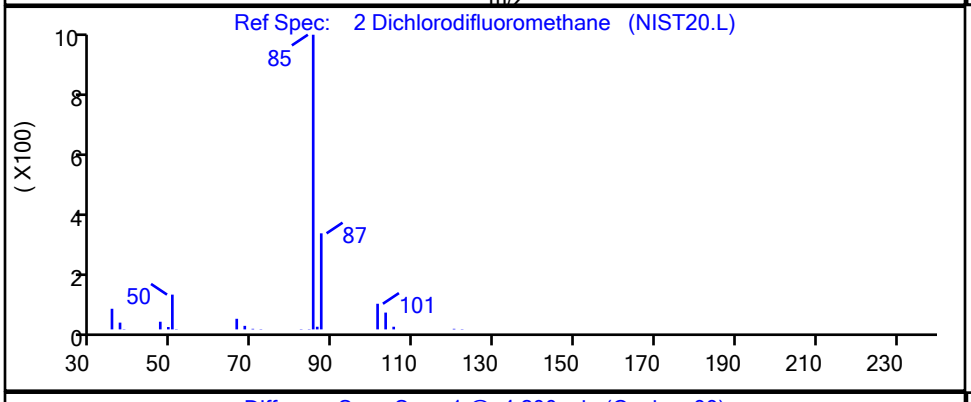
2 Dichlorodifluoromethane, CAS: 75-71-8

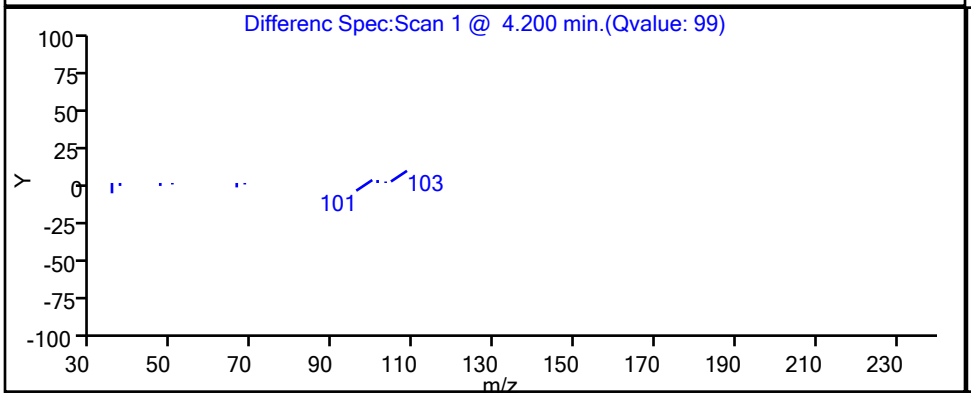


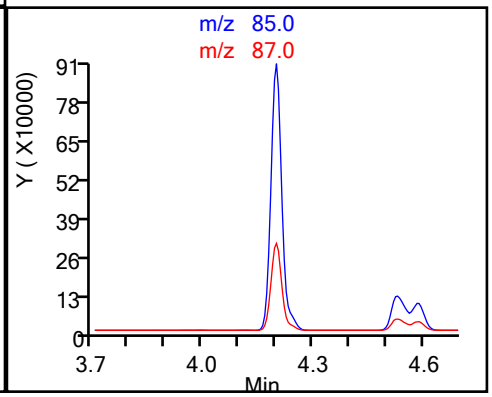












Report Date: 25-Jun-2025 10:22:40 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d

Injection Date: 24-Jun-2025 16:28:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-1 Lab Sample ID: 200-78438-1

Client ID: RXSV-04

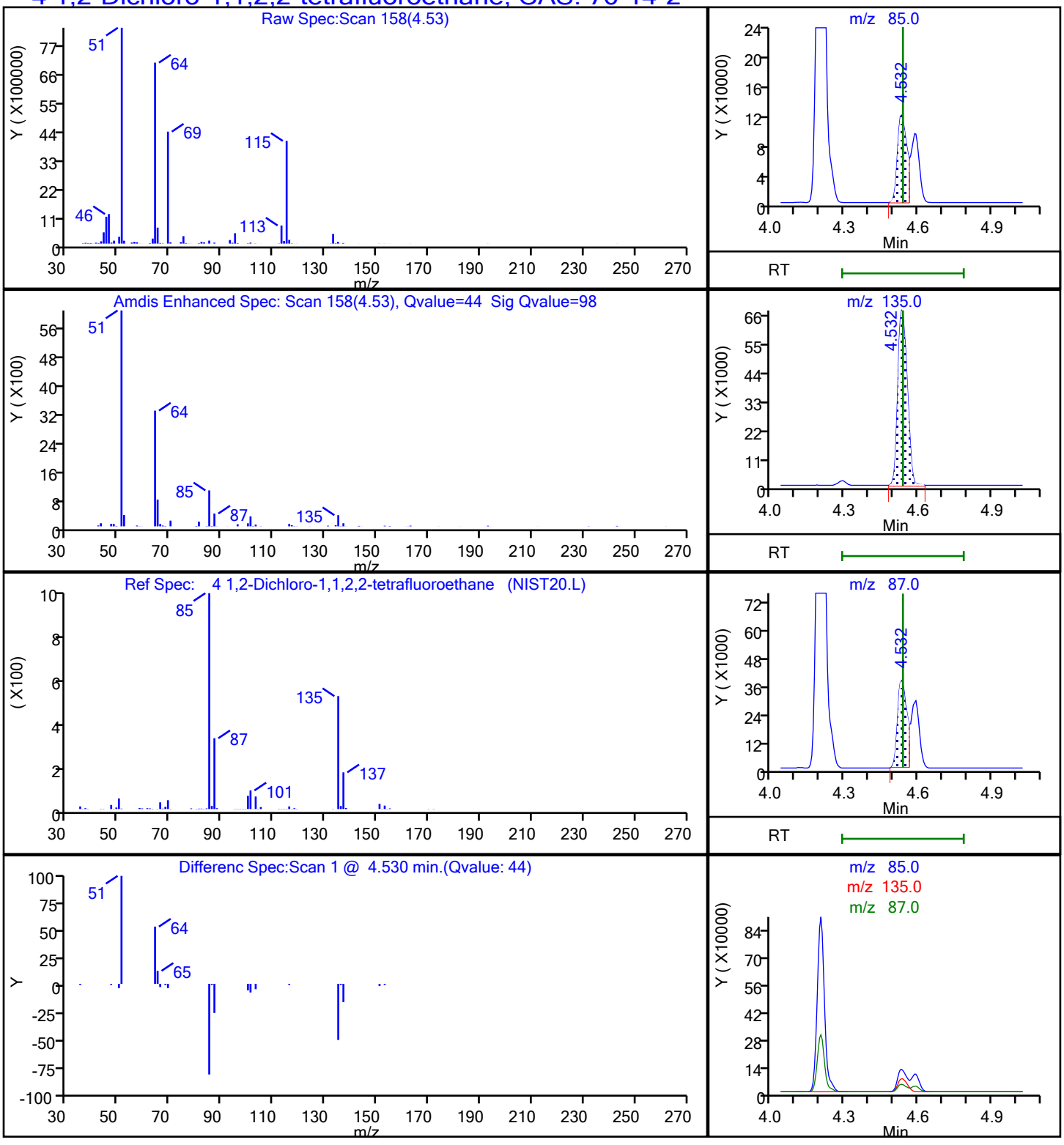
Operator ID: vtp ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

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



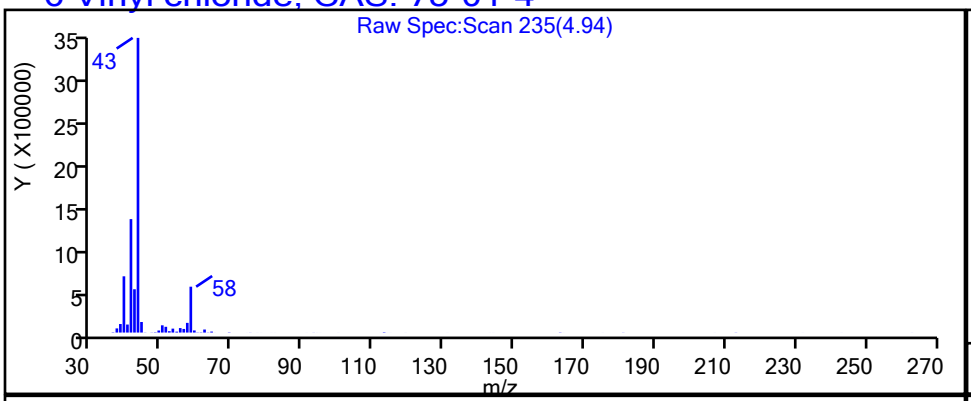
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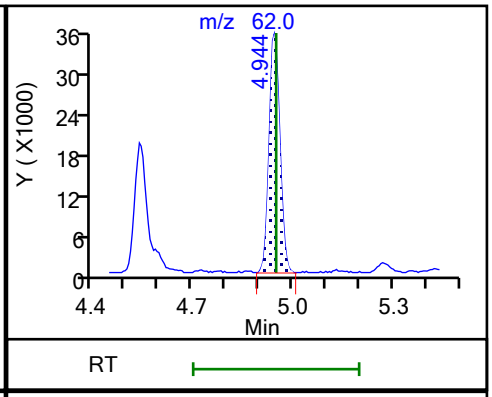
Eurofins Burlington

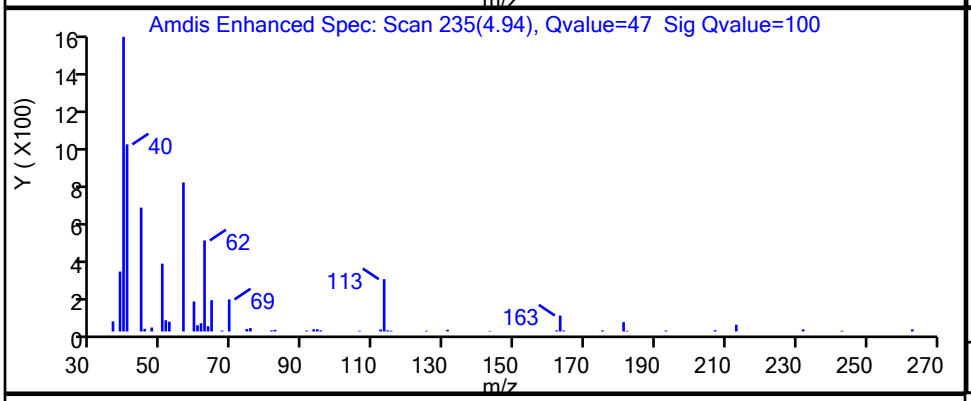
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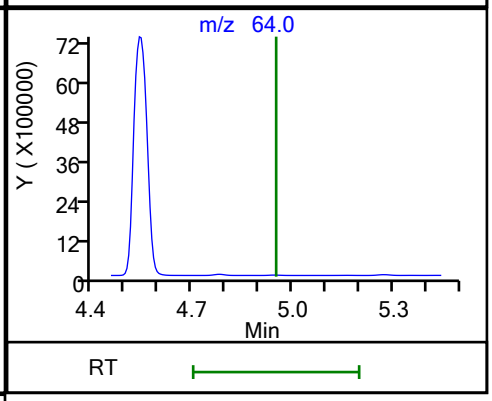
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

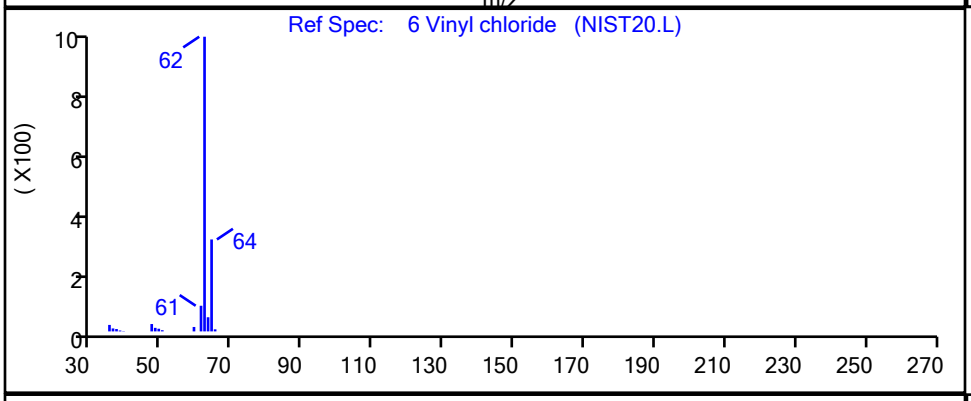
6 Vinyl chloride, CAS: 75-01-4

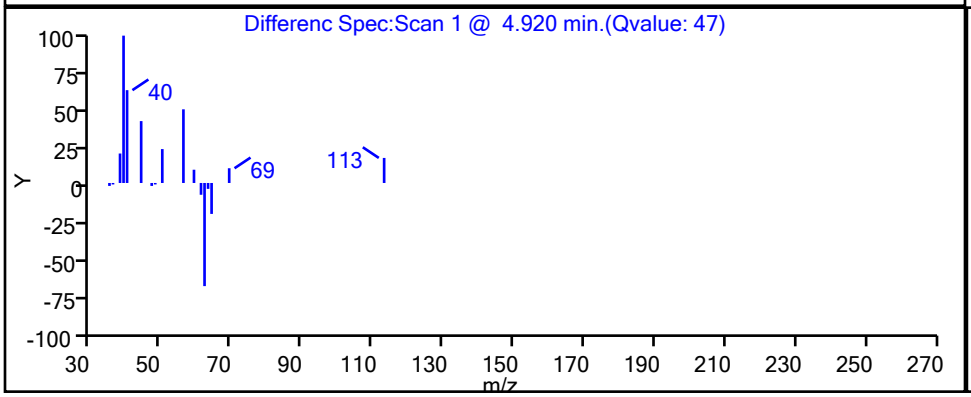


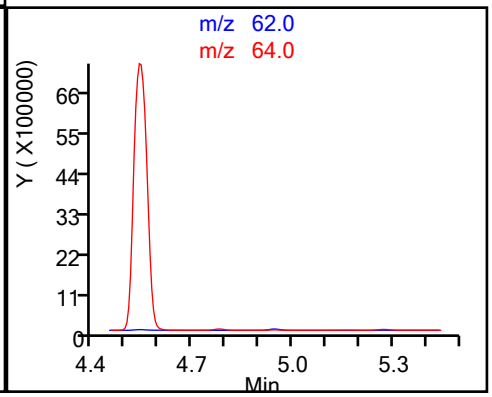










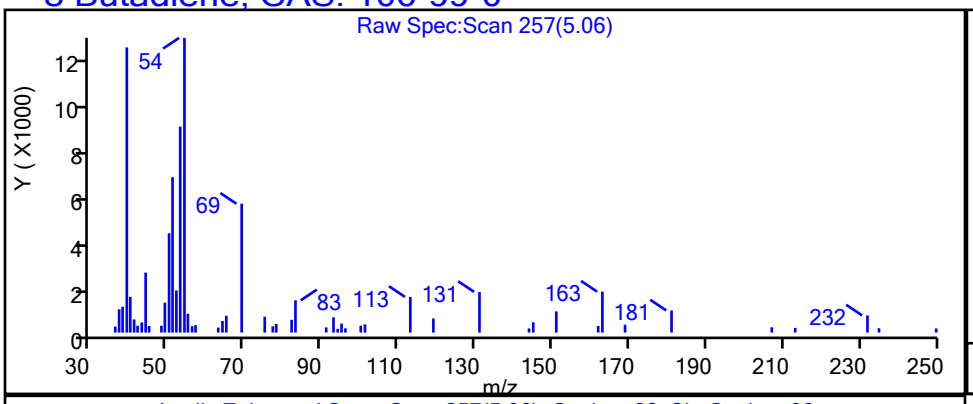


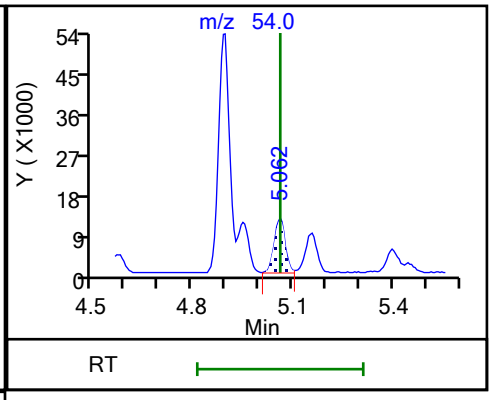
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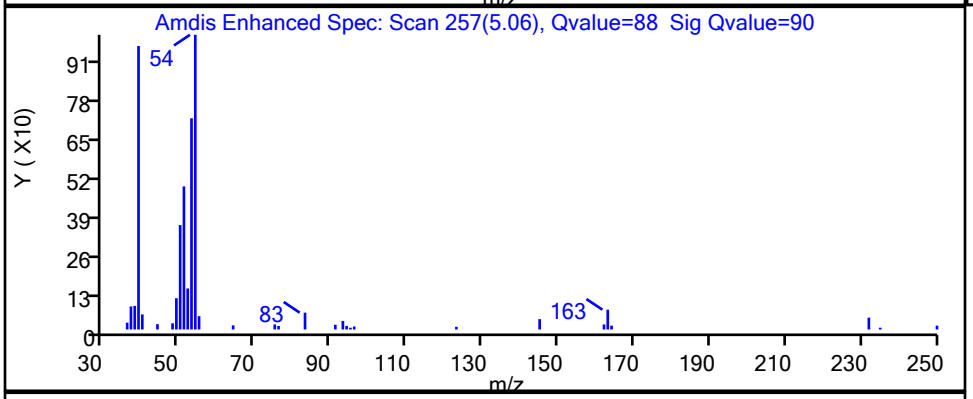
Eurofins Burlington

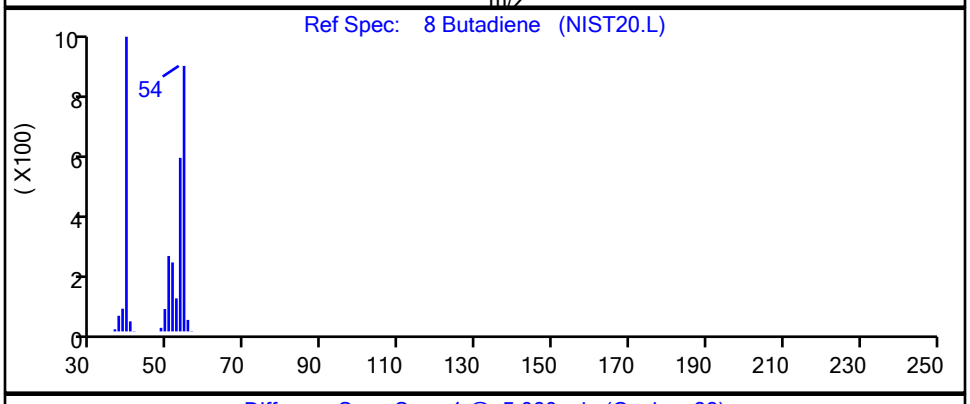
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Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

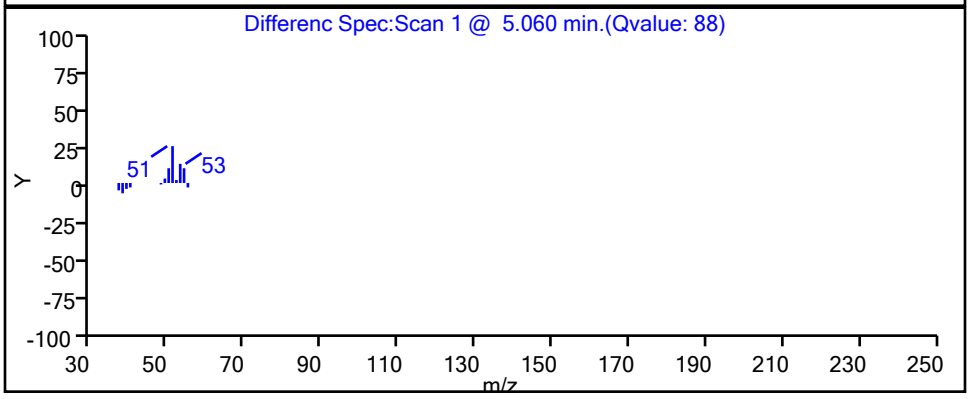
8 Butadiene, CAS: 106-99-0











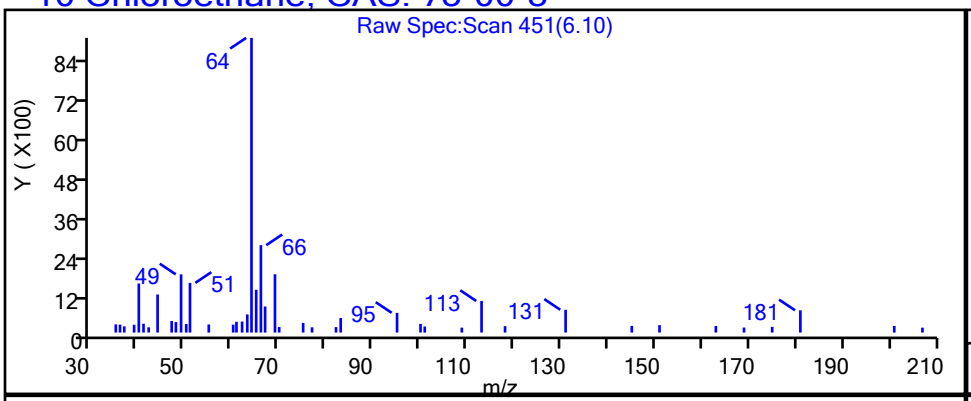
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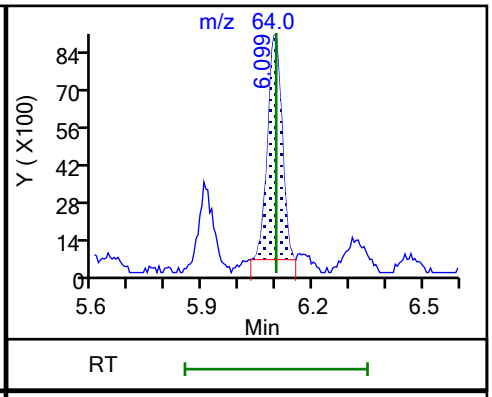
Eurofins Burlington

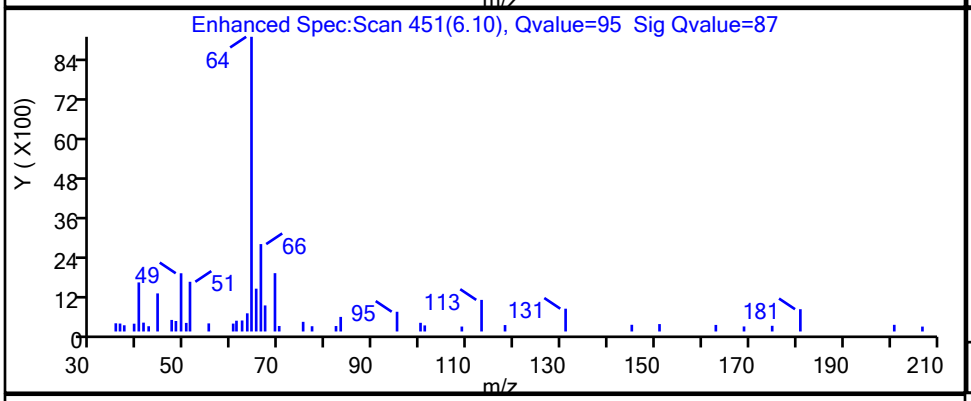
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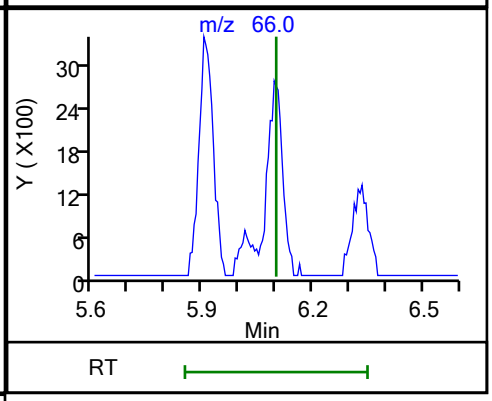
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

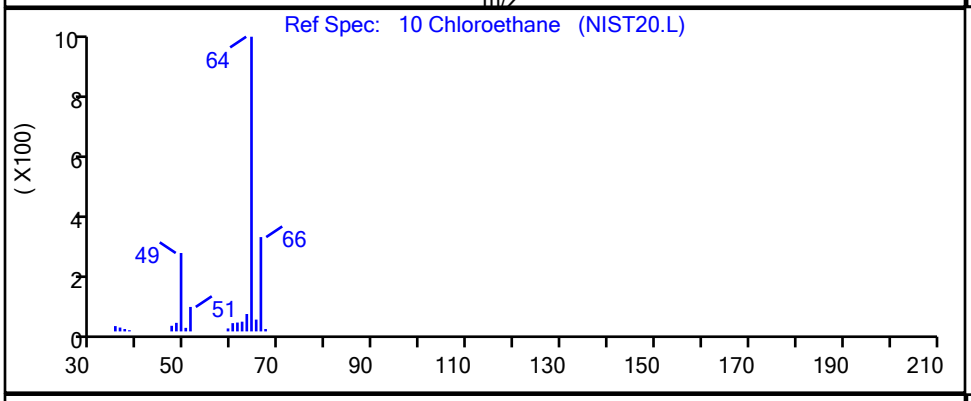
10 Chloroethane, CAS: 75-00-3

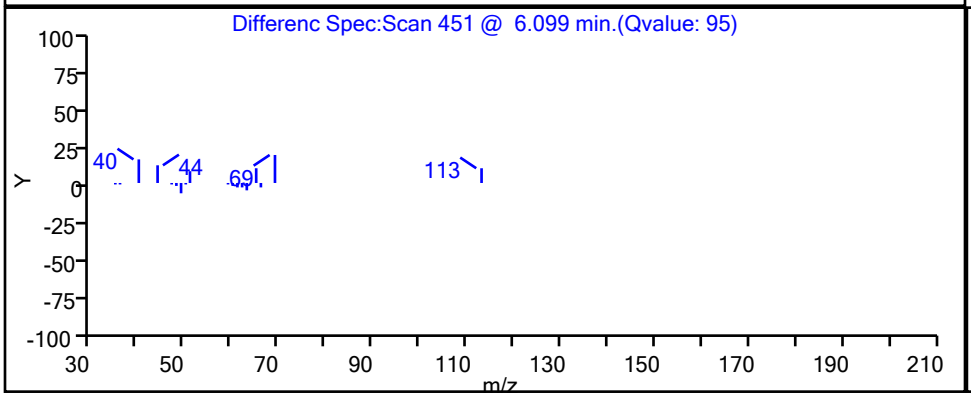


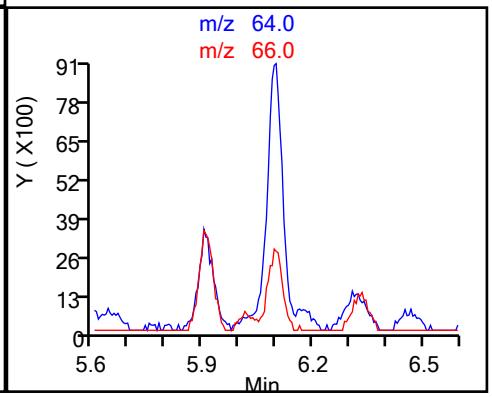












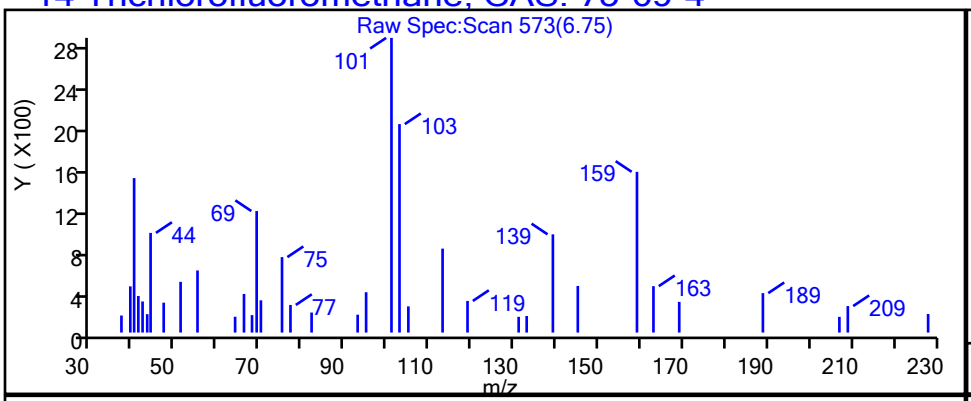
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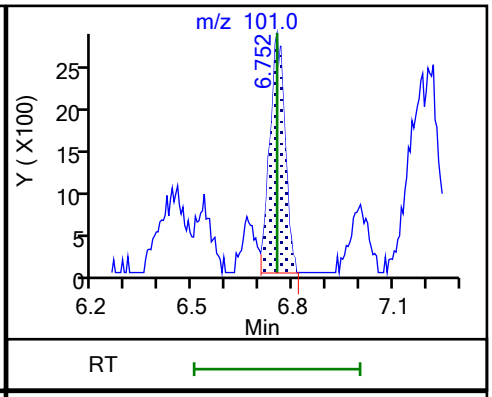
Eurofins Burlington

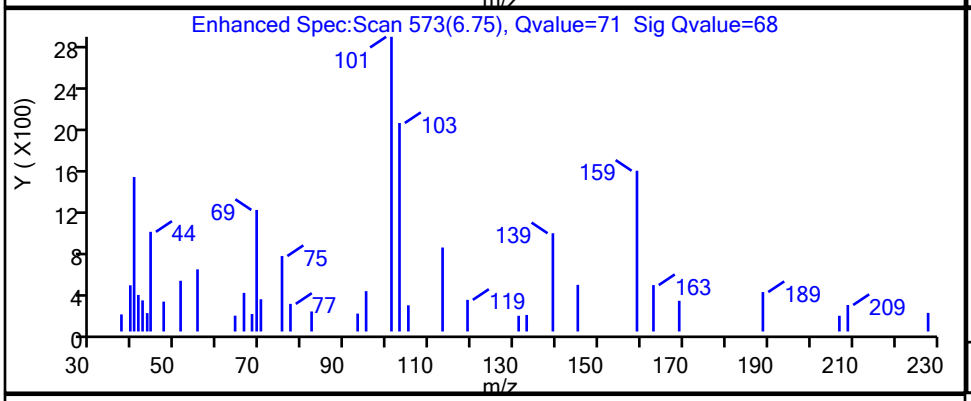
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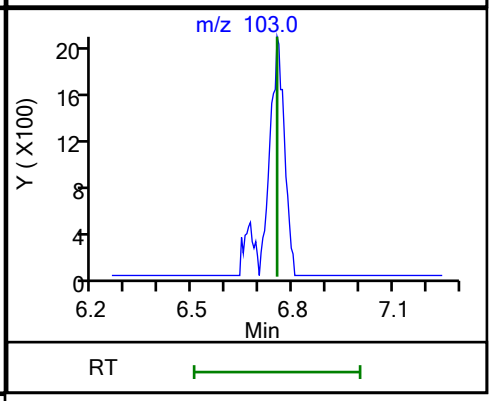
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

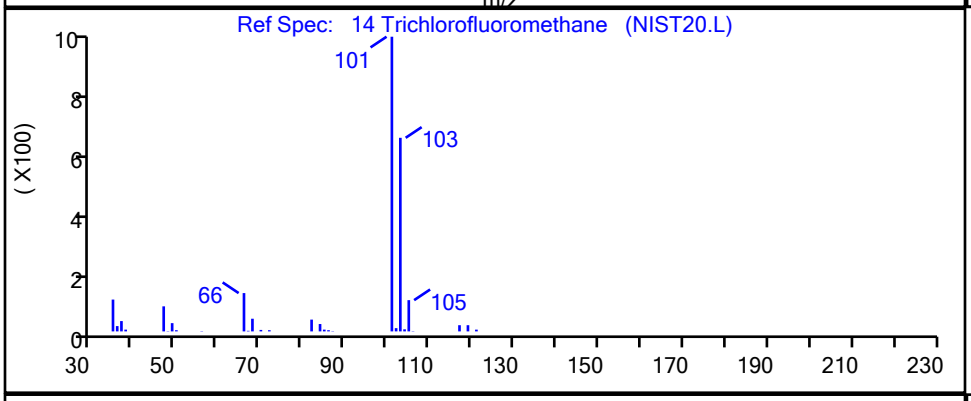
14 Trichlorofluoromethane, CAS: 75-69-4

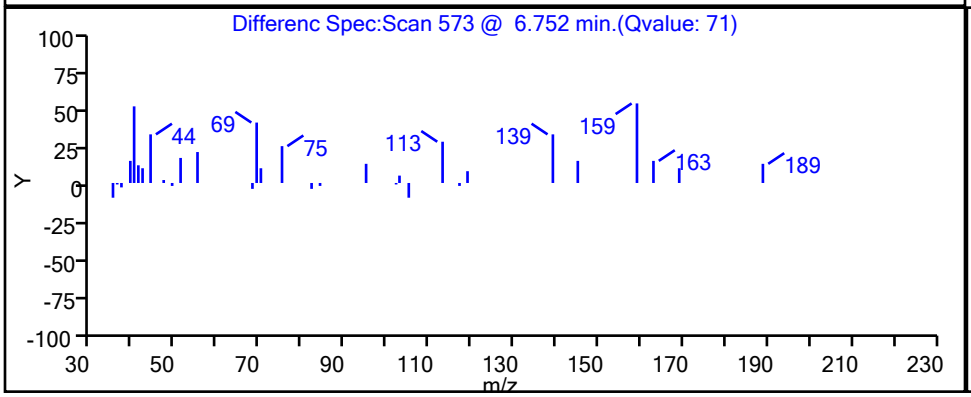


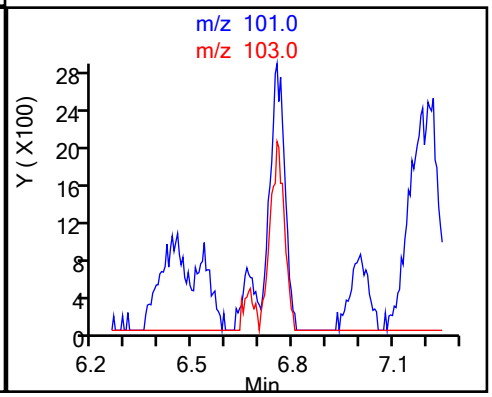












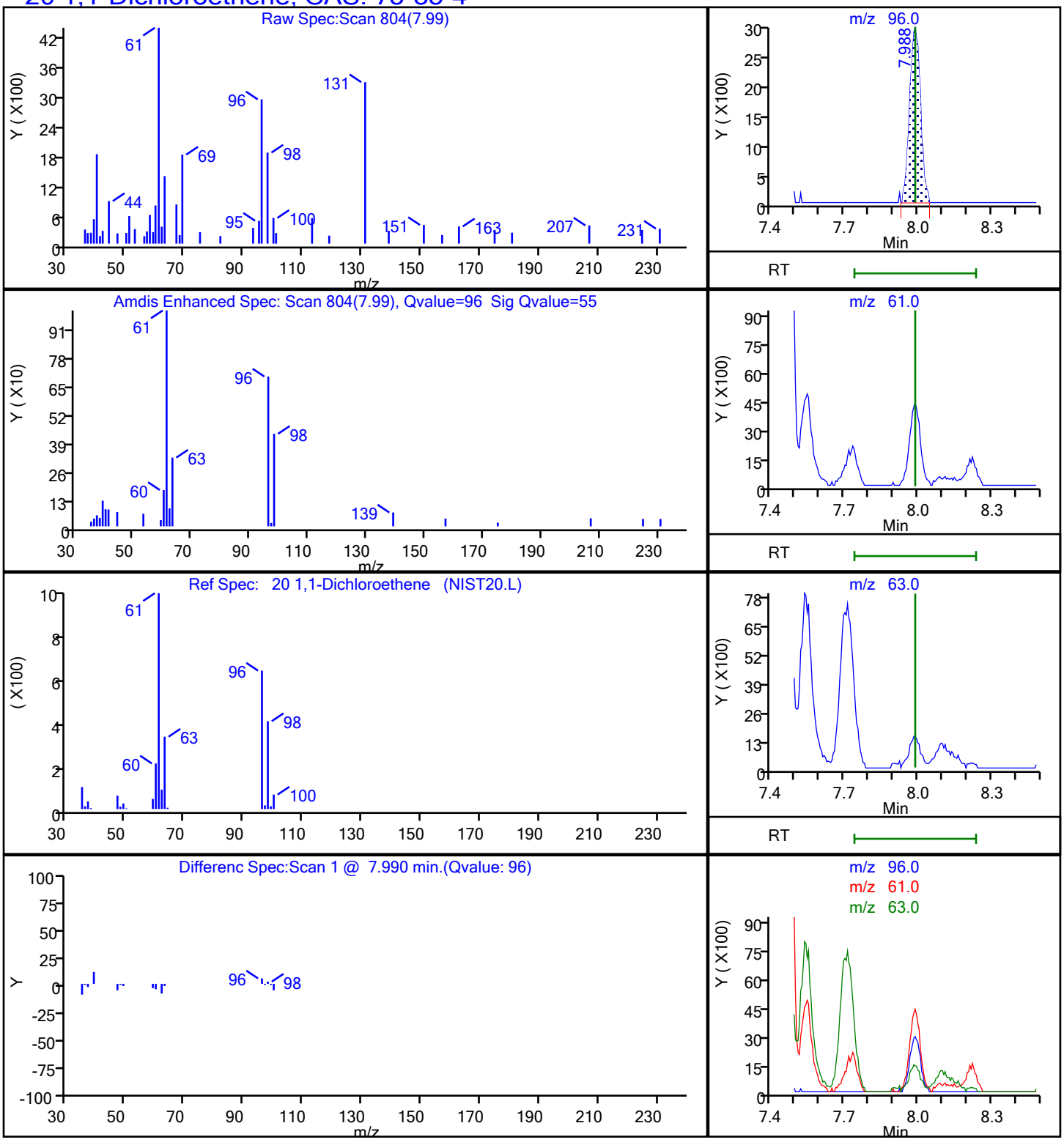
Report Date: 25-Jun-2025 10:22:40 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d

Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



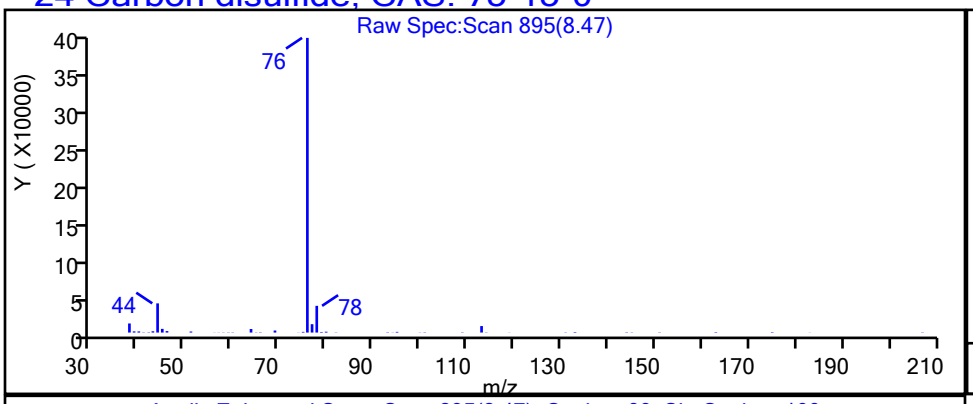
Report Date: 25-Jun-2025 10:22:40 Chrom Revision: 2.3 14-Jun-2025 12:06:34

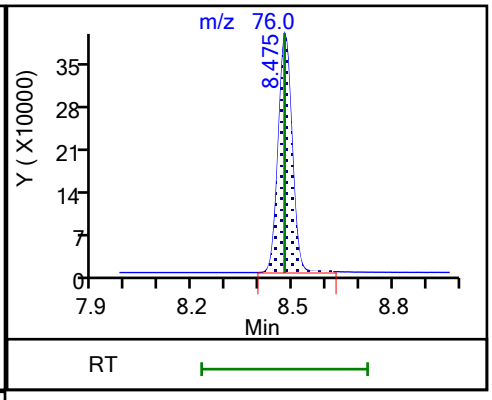
Eurofins Burlington

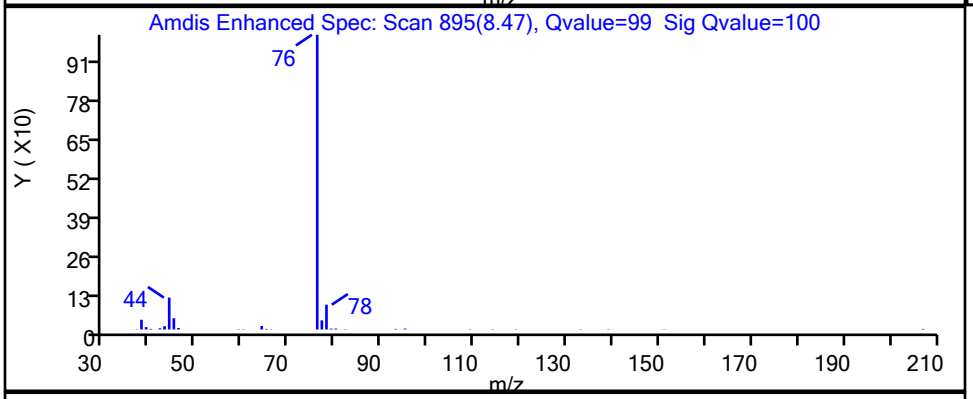
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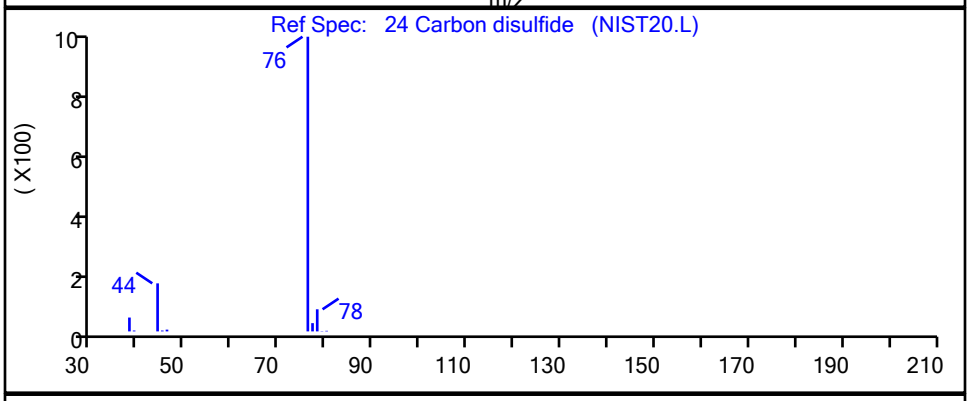
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

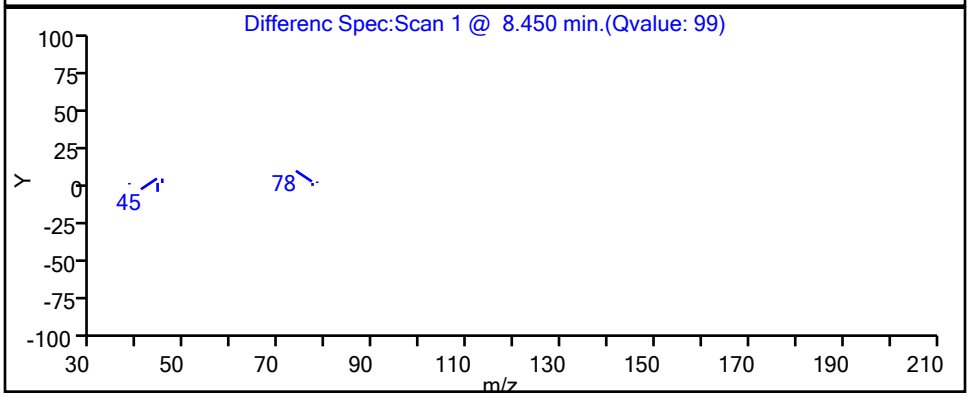
24 Carbon disulfide, CAS: 75-15-0











Report Date: 25-Jun-2025 10:22:40 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d

Injection Date: 24-Jun-2025 16:28:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-1 Lab Sample ID: 200-78438-1

Client ID: RXSV-04

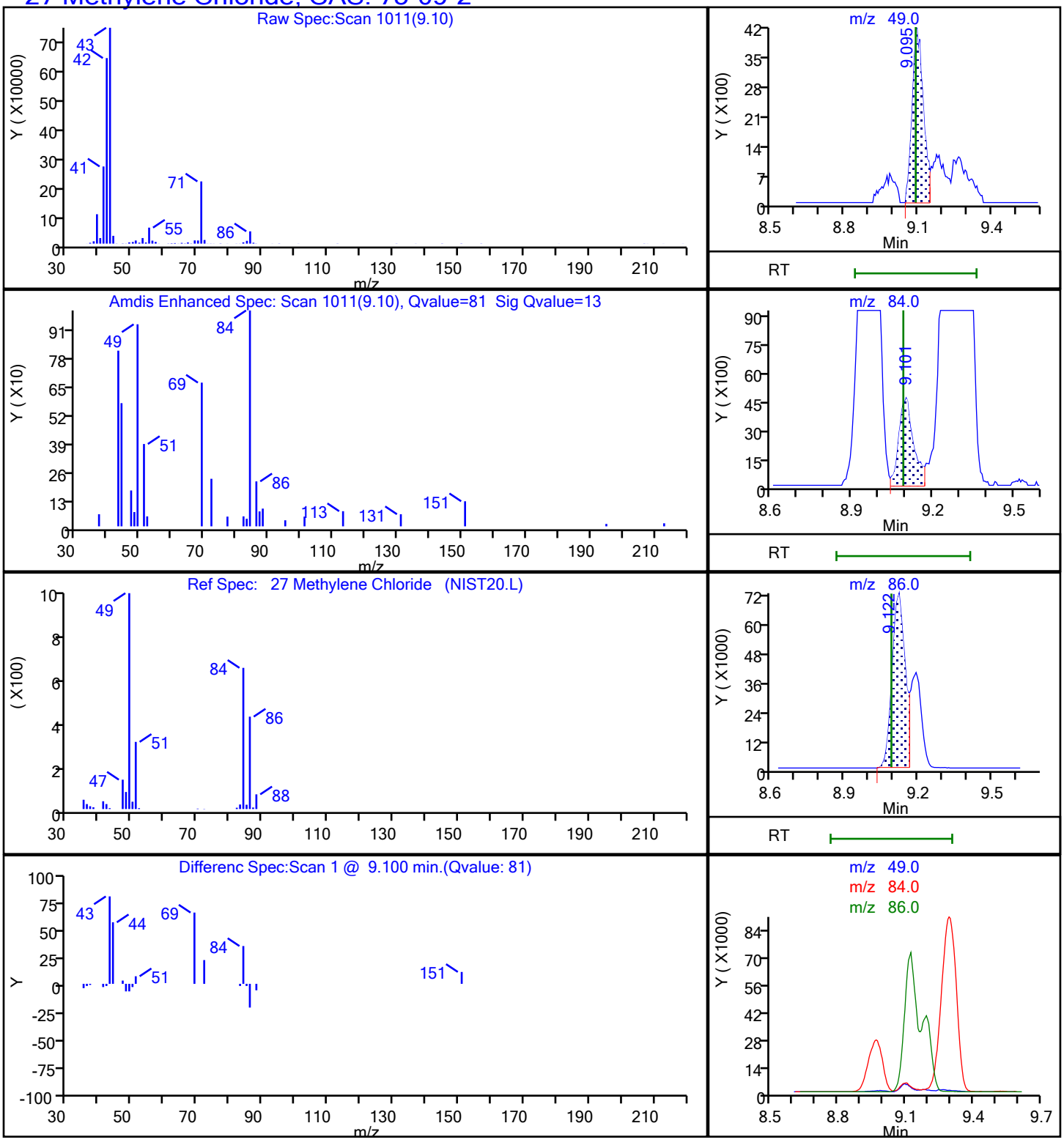
Operator ID: vtp ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

27 Methylene Chloride, CAS: 75-09-2



Report Date: 25-Jun-2025 10:22:41 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d

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Lims ID: 200-78438-A-1 Lab Sample ID: 200-78438-1

Client ID: RXSV-04

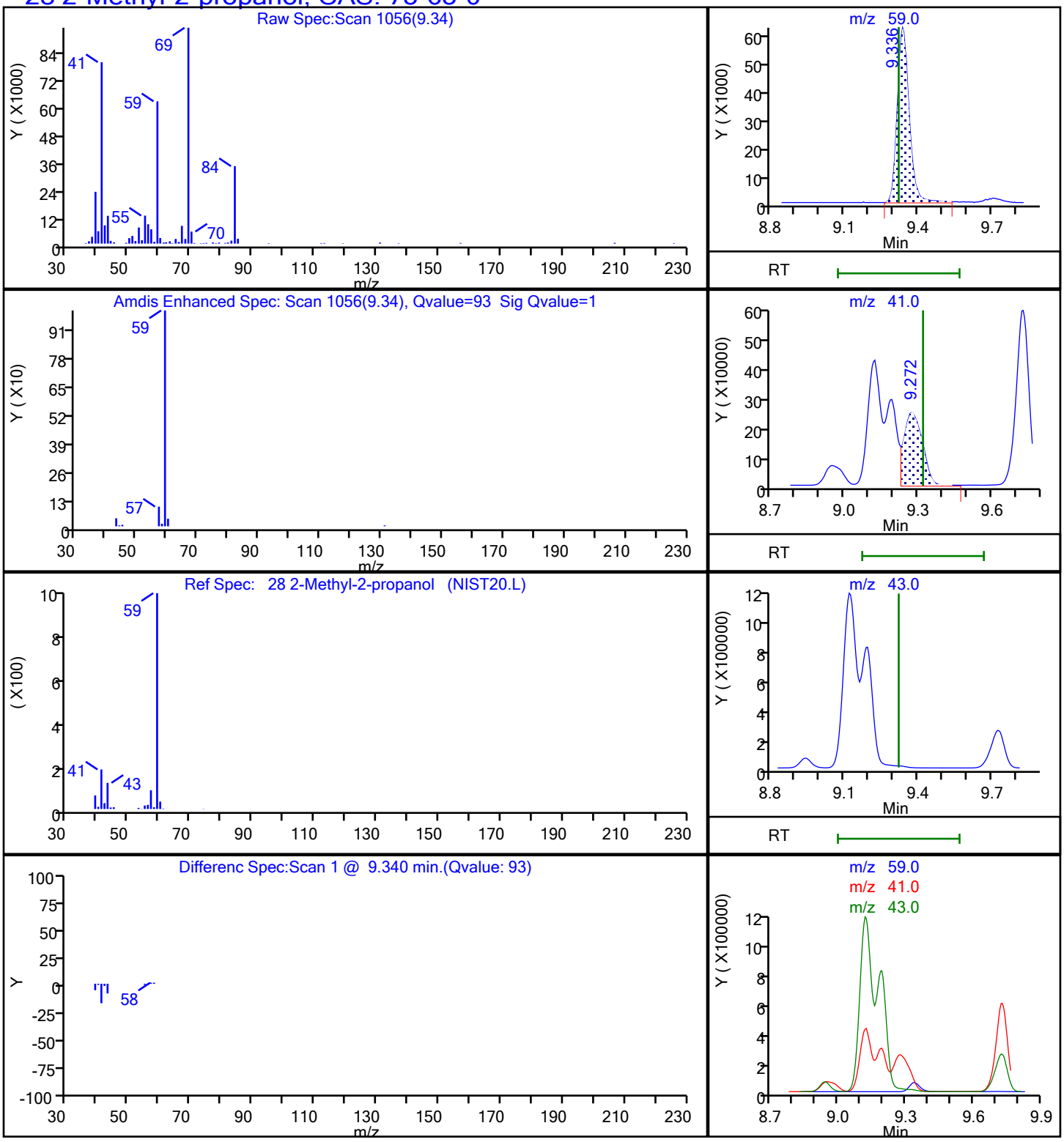
Operator ID: vtp ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0



Report Date: 25-Jun-2025 10:22:41 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d

Injection Date: 24-Jun-2025 16:28:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-1 Lab Sample ID: 200-78438-1

Client ID: RXSV-04

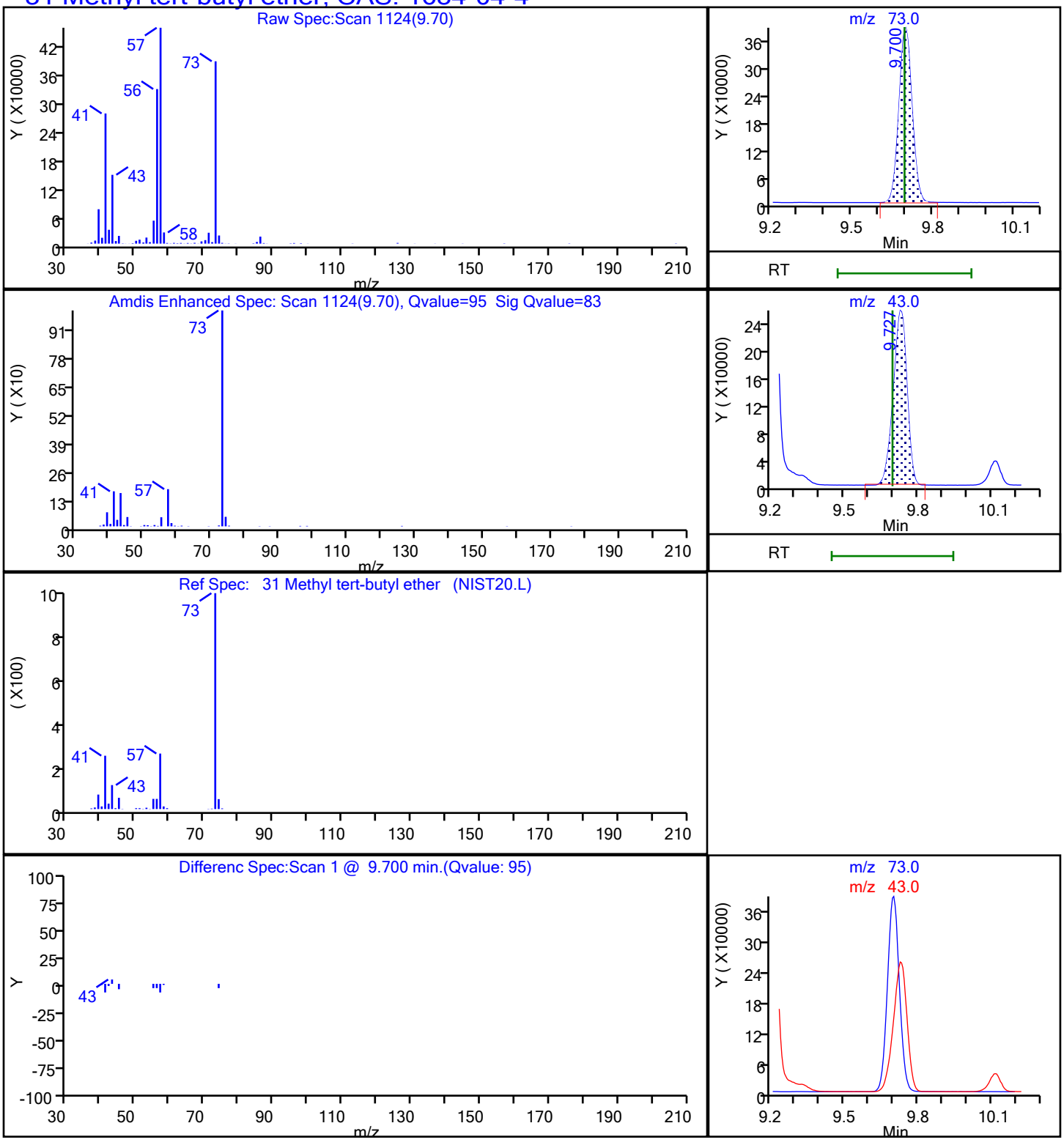
Operator ID: vtp ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

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



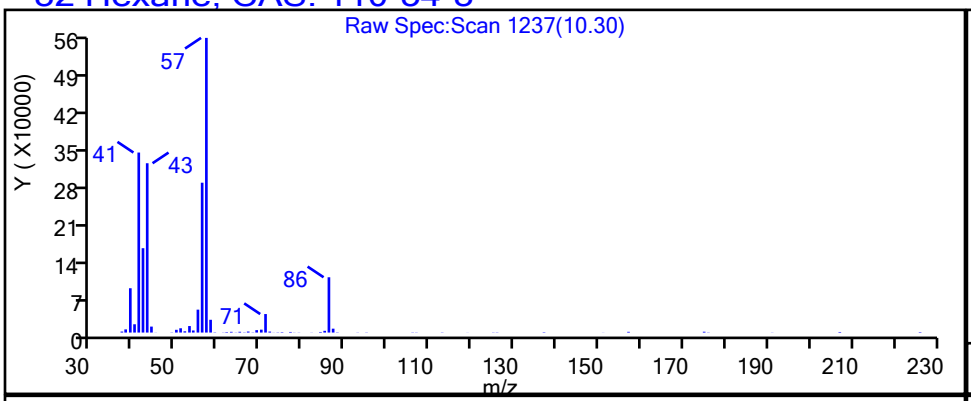
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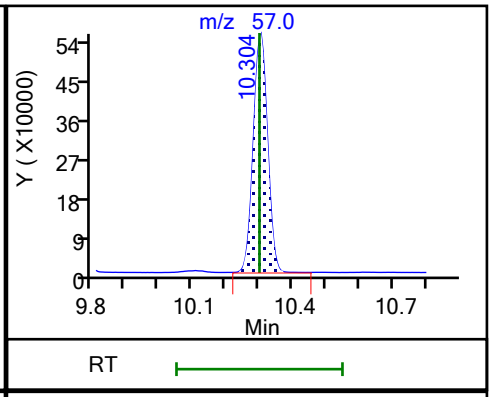
Eurofins Burlington

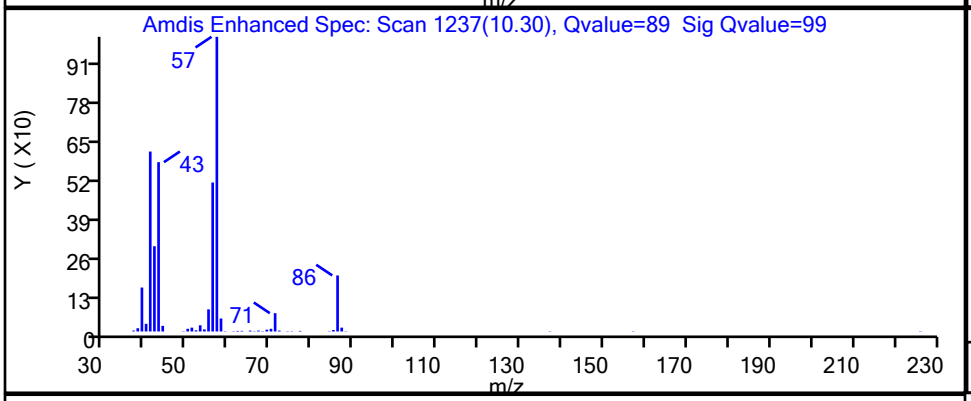
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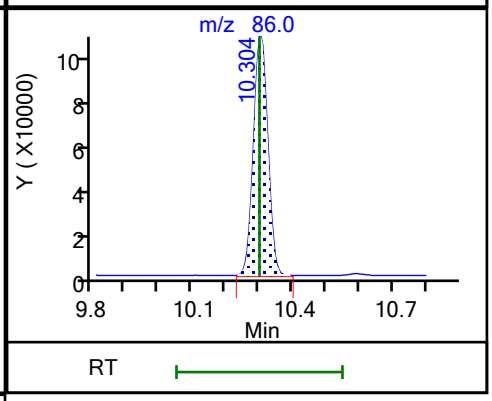
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1
Client ID:	RXSV-04		
Operator ID:	vtp	ALS Bottle#:	7 Worklist Smp#: 8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

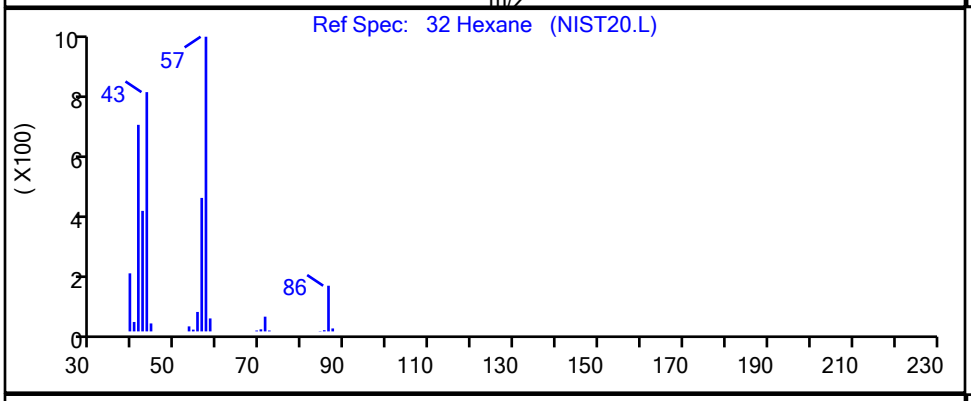
32 Hexane, CAS: 110-54-3

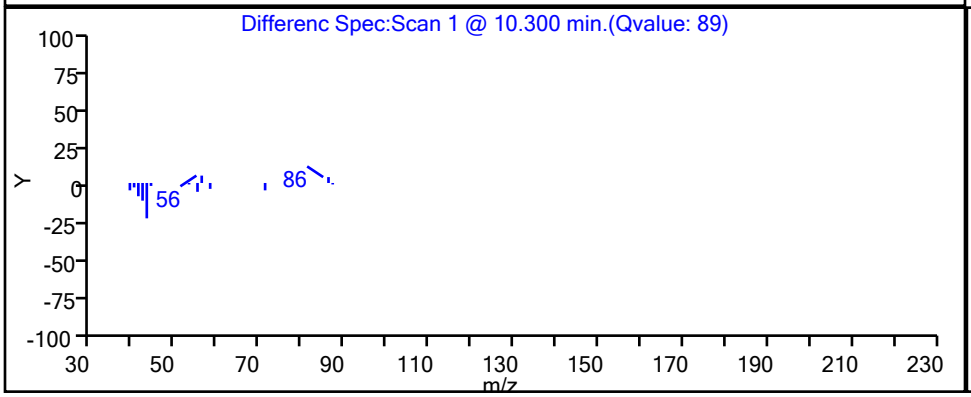


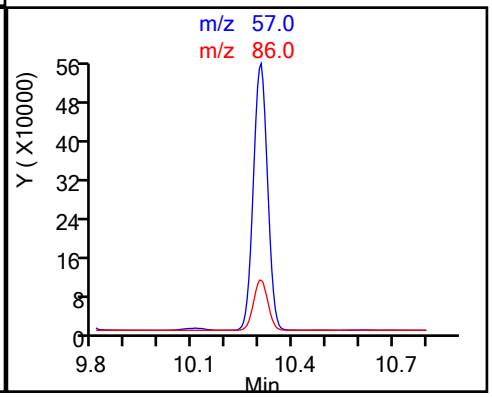












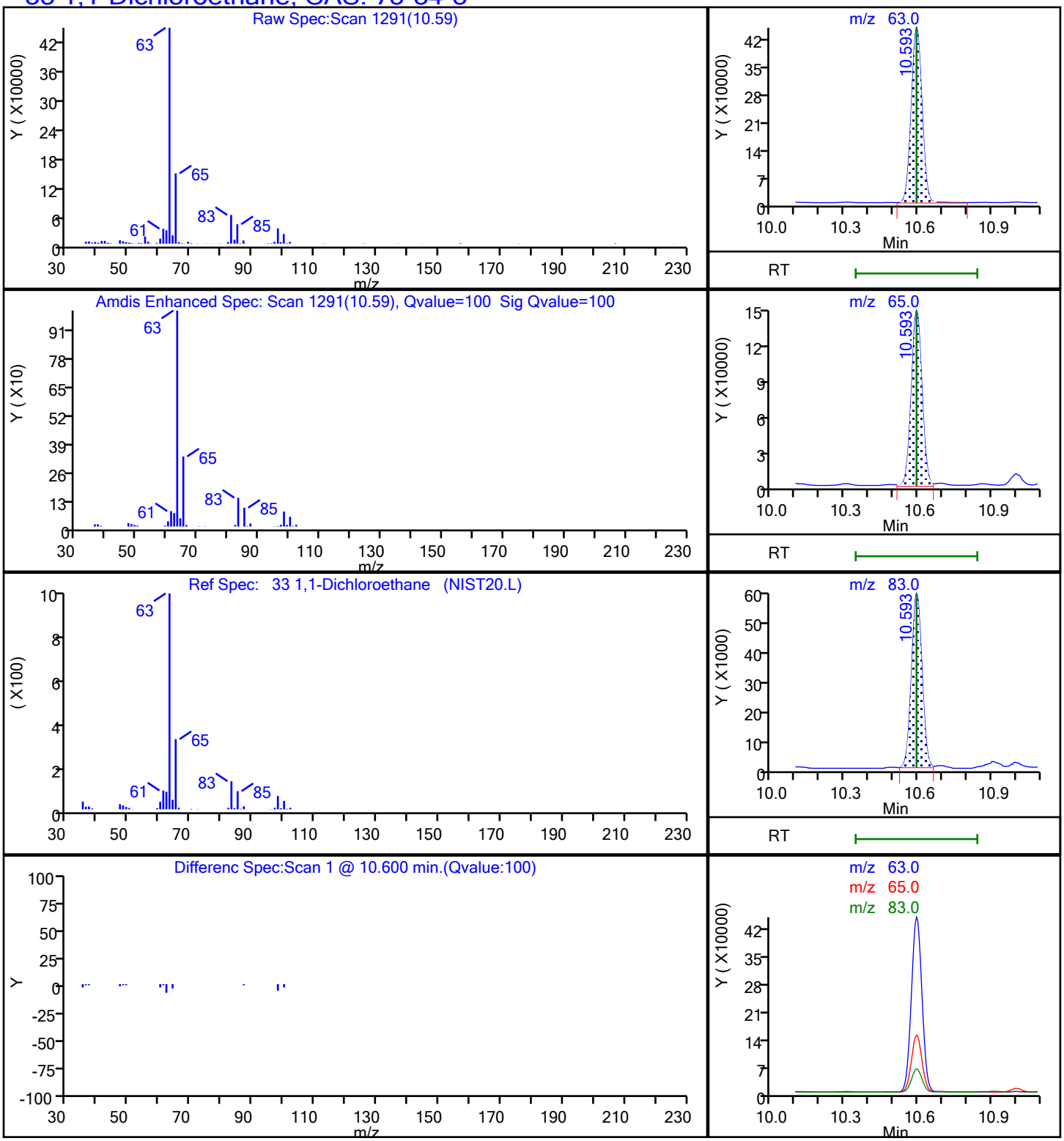
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Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

33 1,1-Dichloroethane, CAS: 75-34-3



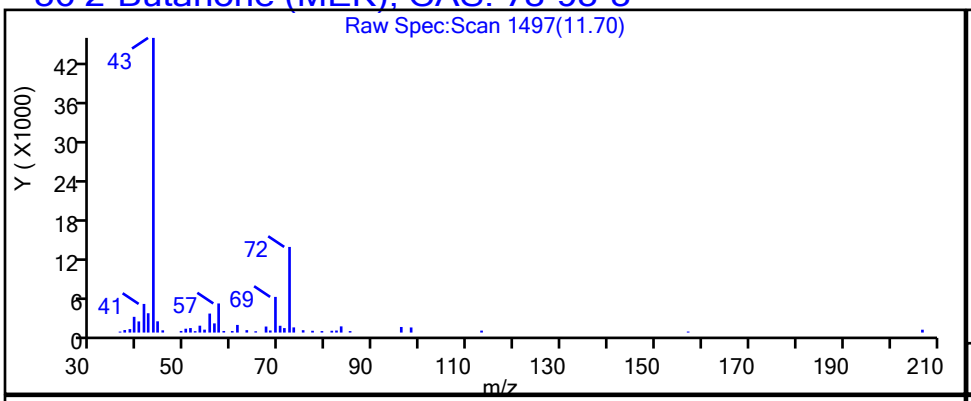
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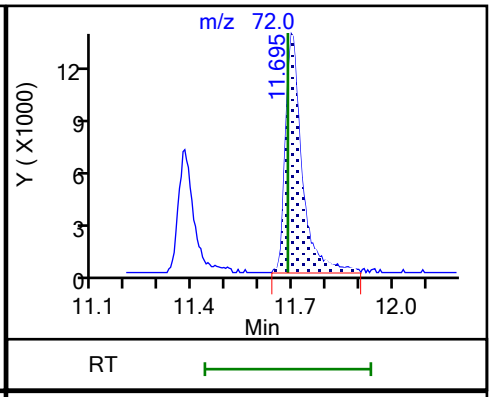
Eurofins Burlington

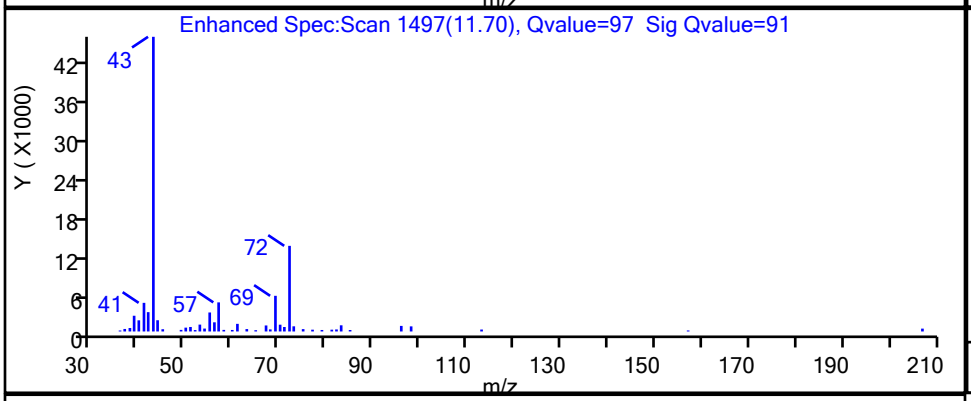
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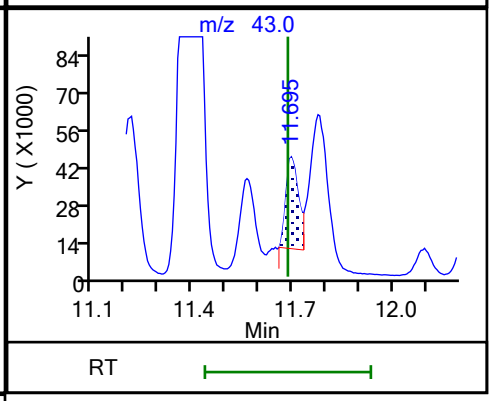
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

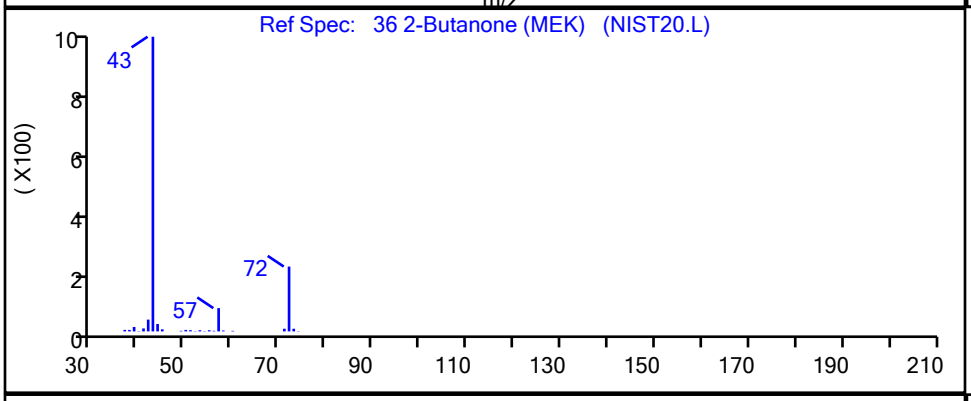
36 2-Butanone (MEK), CAS: 78-93-3

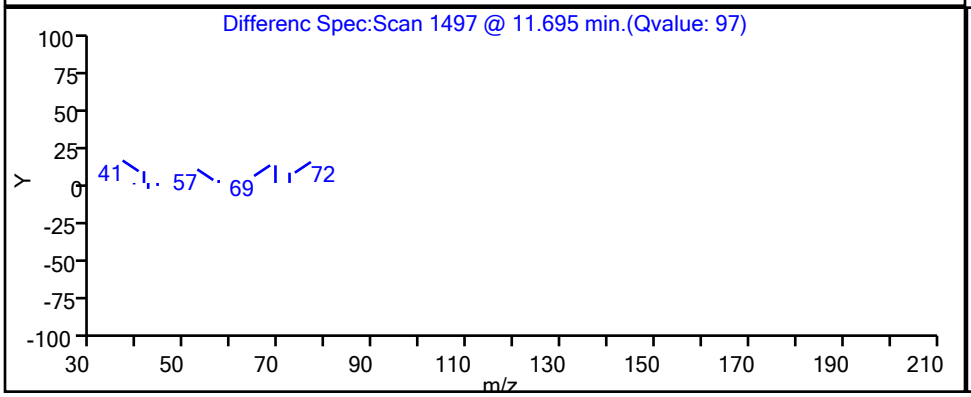


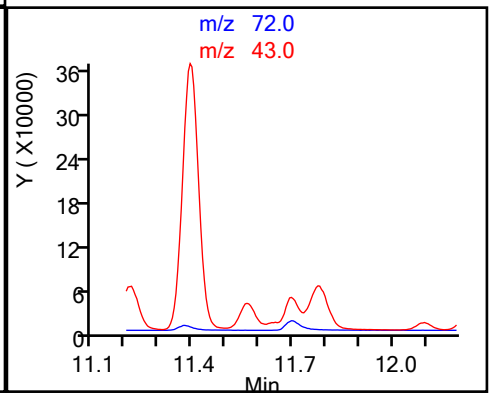












Report Date: 25-Jun-2025 10:22:41 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d

Injection Date: 24-Jun-2025 16:28:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-1 Lab Sample ID: 200-78438-1

Client ID: RXSV-04

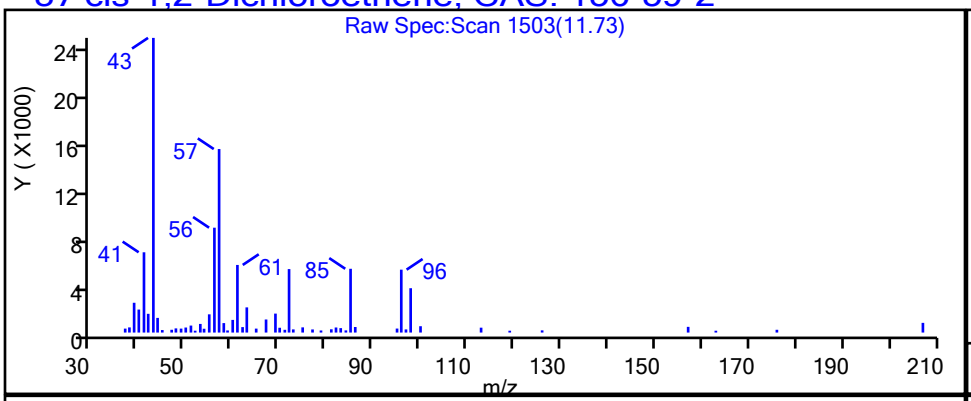
Operator ID: vtp ALS Bottle#: 7 Worklist Smp#: 8

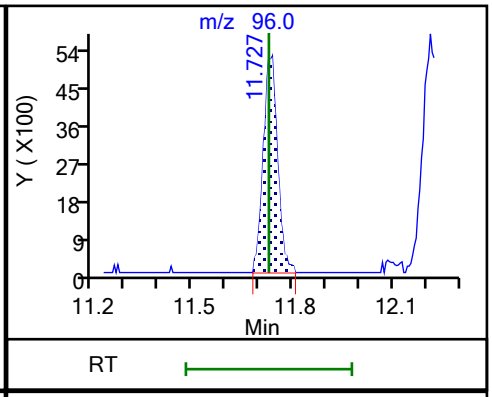
Purge Vol: 200.000 mL Dil. Factor: 1.0000

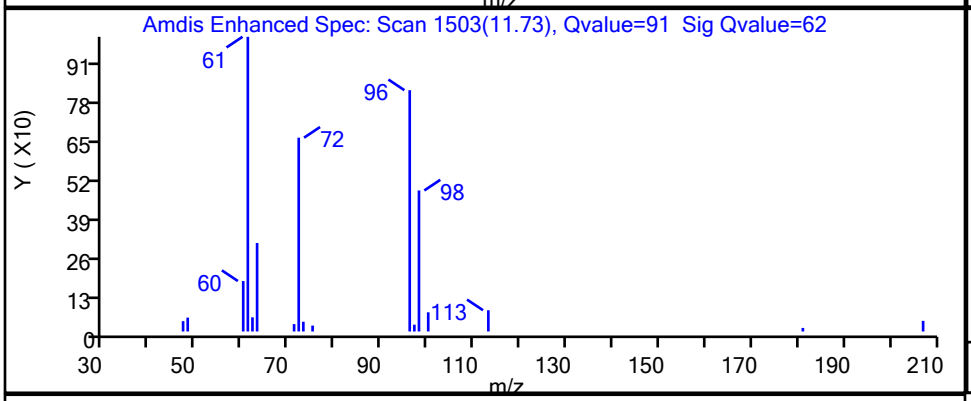
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

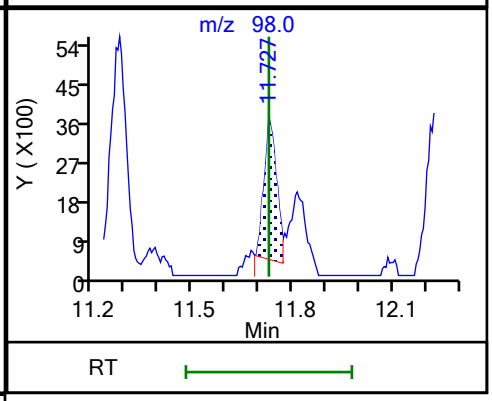
Column: RTX-624 (0.32 mm) Detector MS SCAN

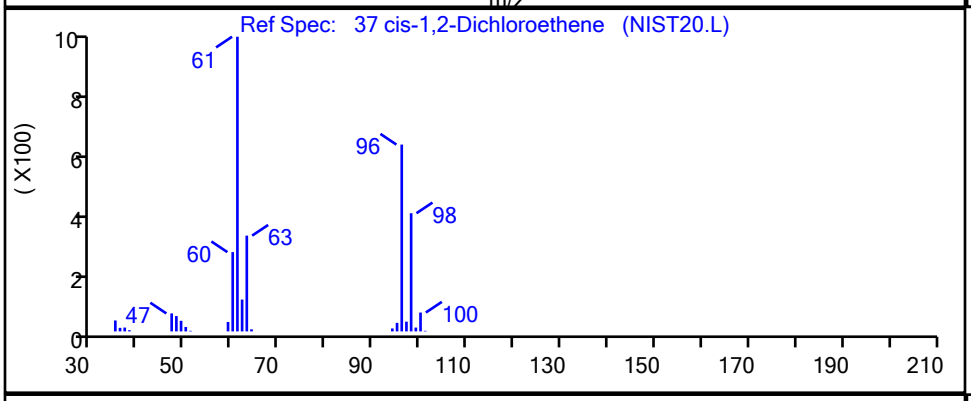
37 cis-1,2-Dichloroethene, CAS: 156-59-2

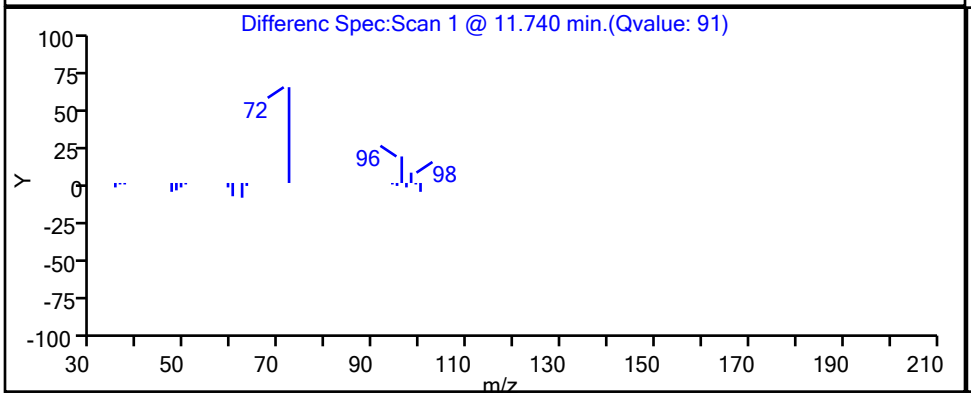


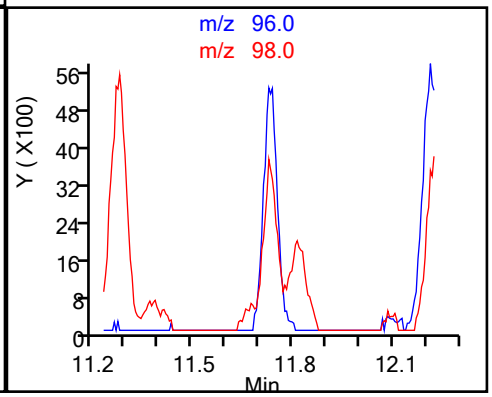












Report Date: 25-Jun-2025 10:22:41 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d

Injection Date: 24-Jun-2025 16:28:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-1 Lab Sample ID: 200-78438-1

Client ID: RXSV-04

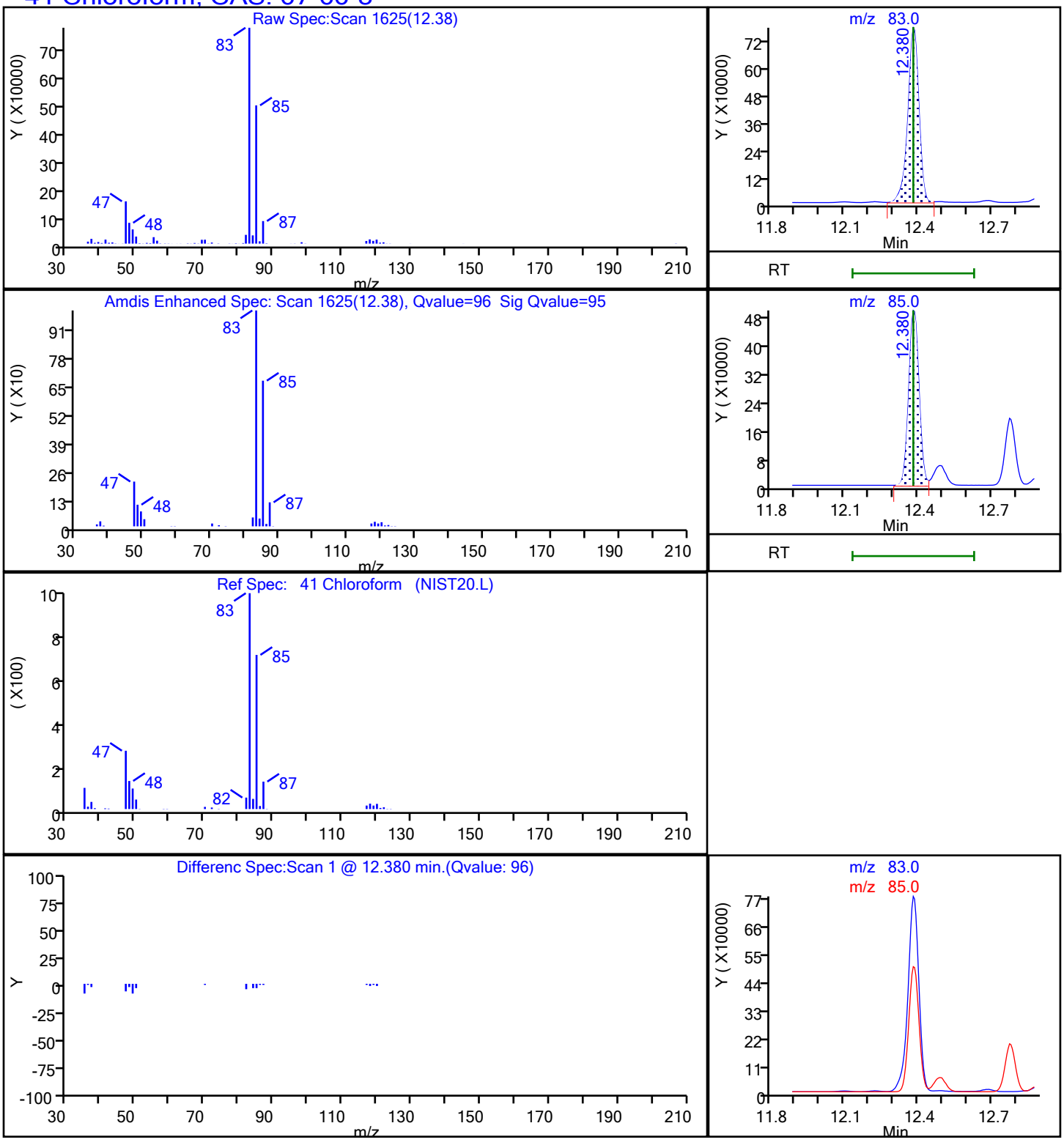
Operator ID: vtp ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

41 Chloroform, CAS: 67-66-3



Report Date: 25-Jun-2025 10:22:41 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d

Injection Date: 24-Jun-2025 16:28:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-1 Lab Sample ID: 200-78438-1

Client ID: RXSV-04

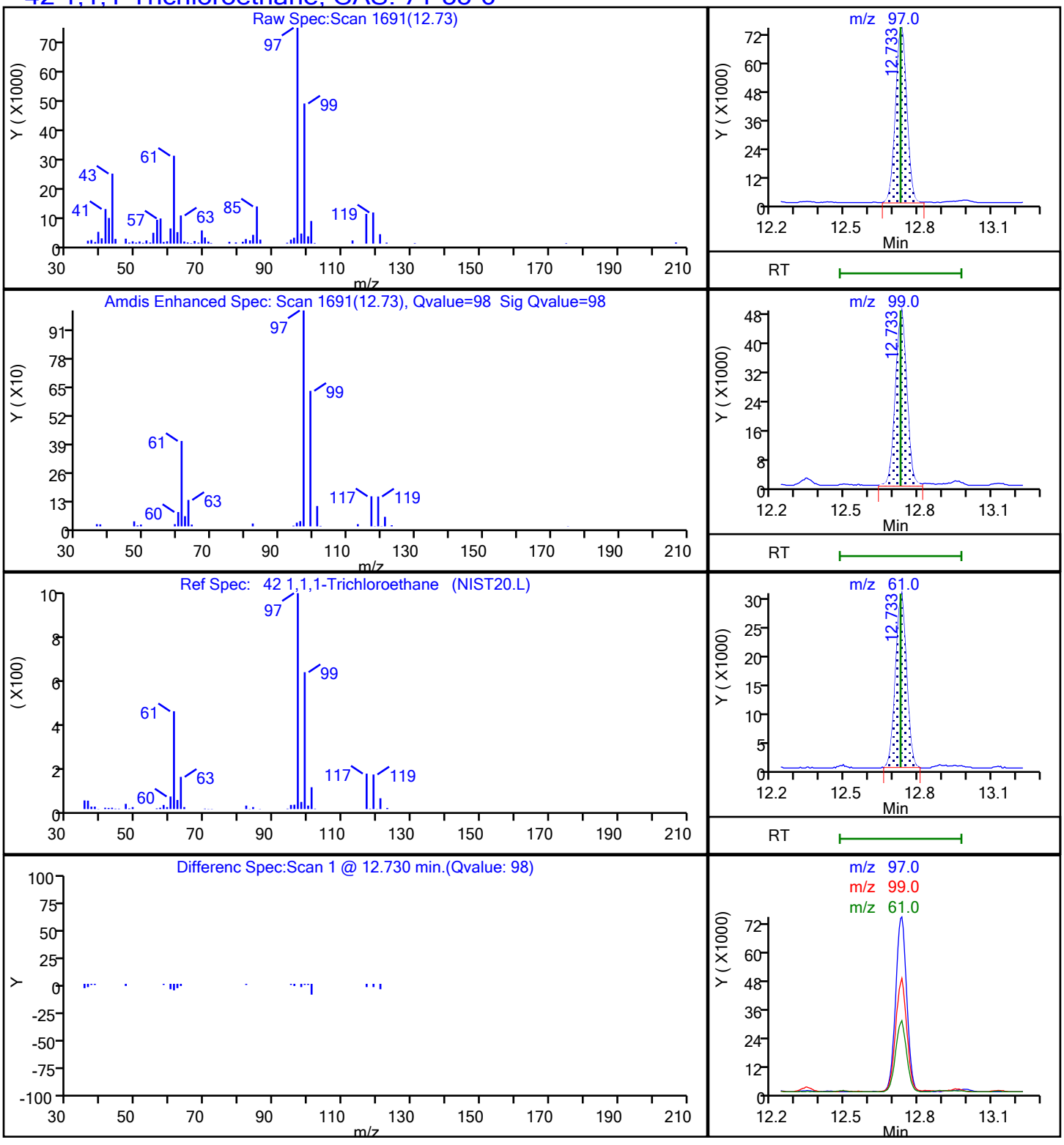
Operator ID: vtp ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

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



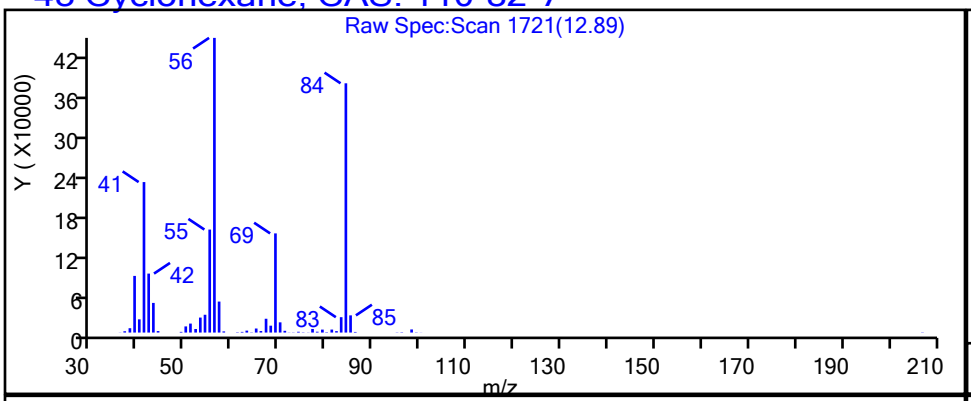
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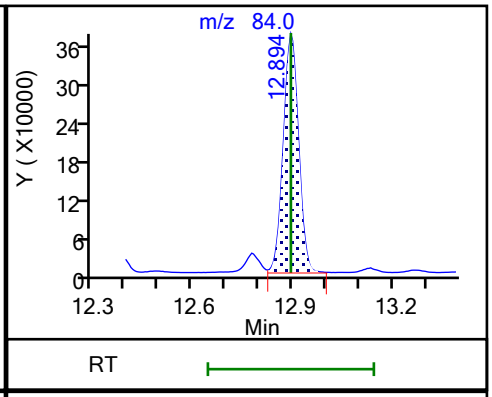
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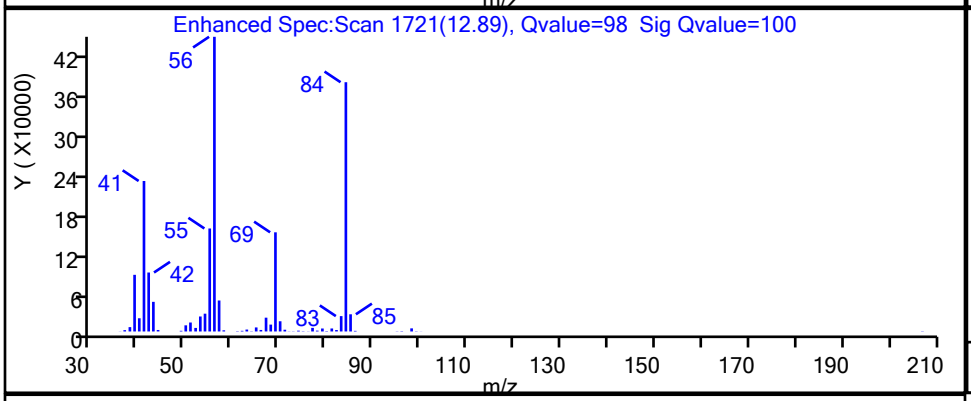
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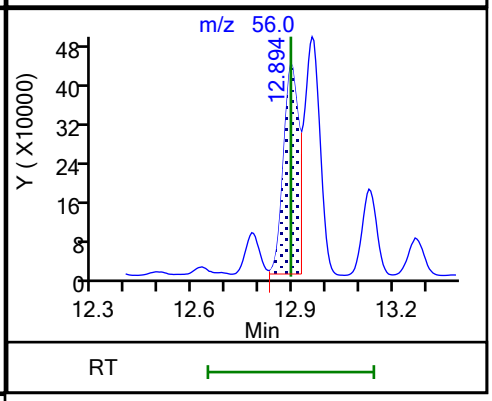
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1
Client ID:	RXSV-04		
Operator ID:	vtp	ALS Bottle#:	7 Worklist Smp#: 8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

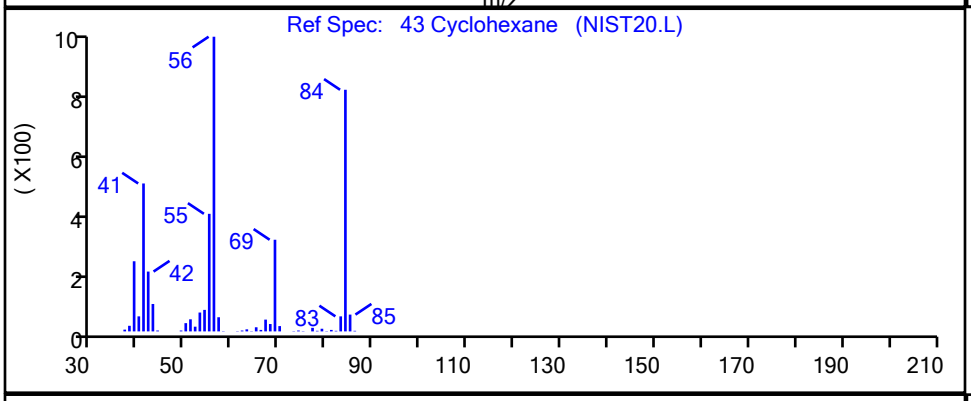
43 Cyclohexane, CAS: 110-82-7

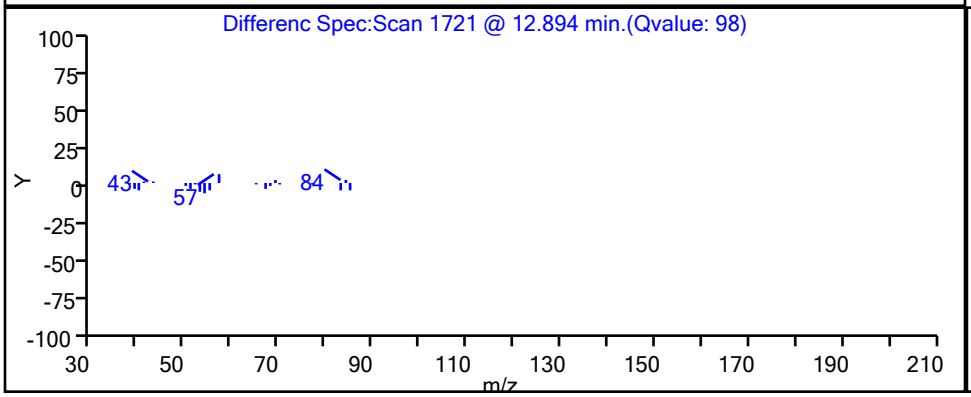


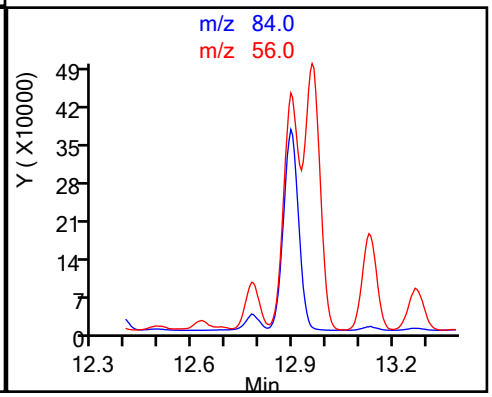












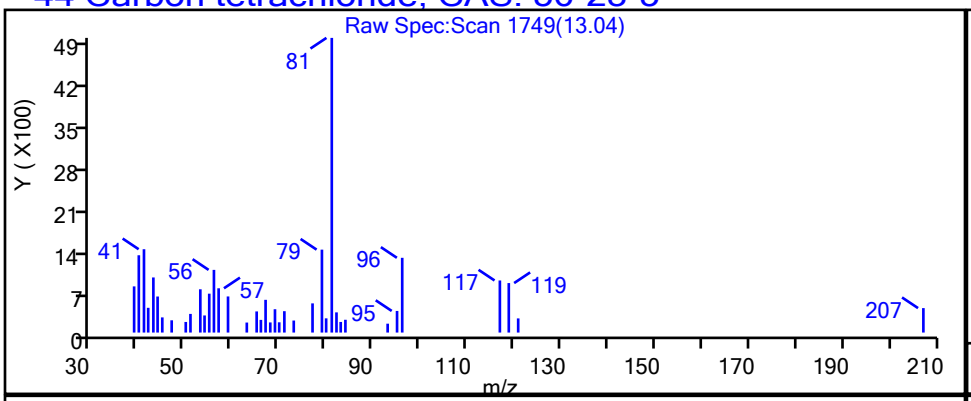
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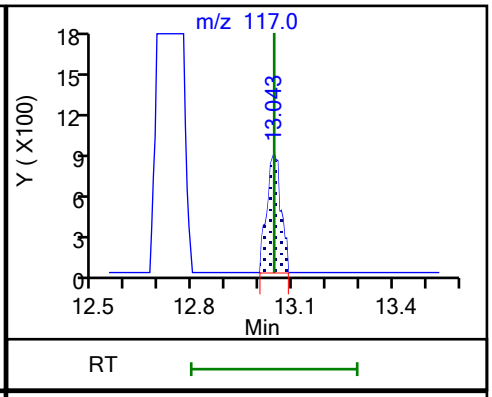
Eurofins Burlington

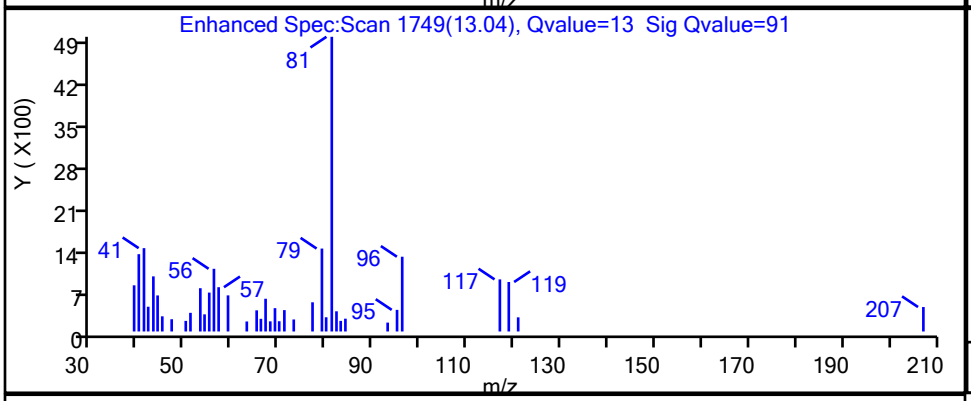
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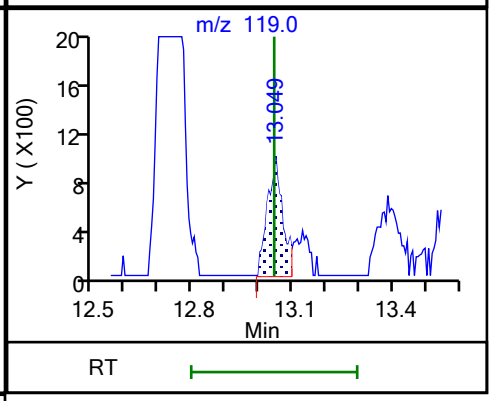
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Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

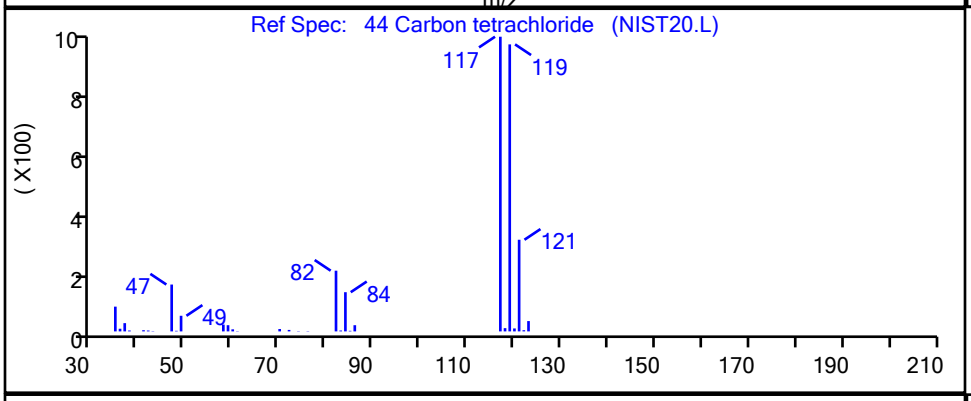
44 Carbon tetrachloride, CAS: 56-23-5

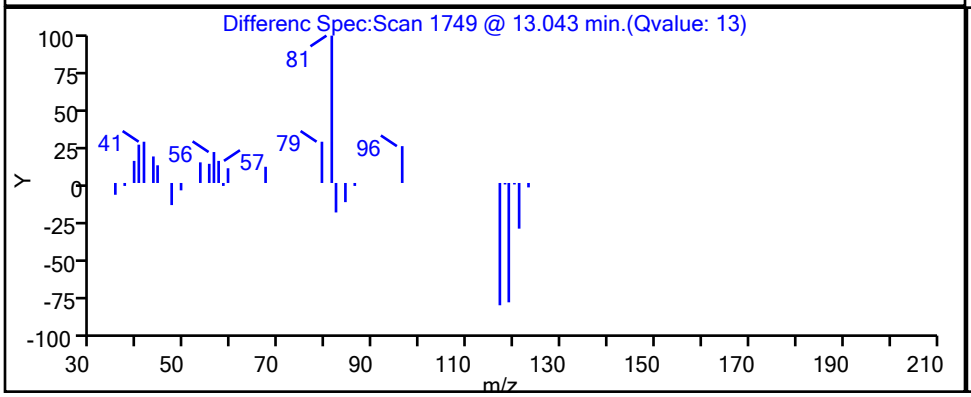


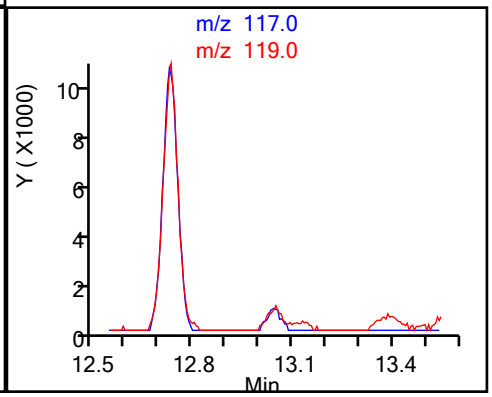












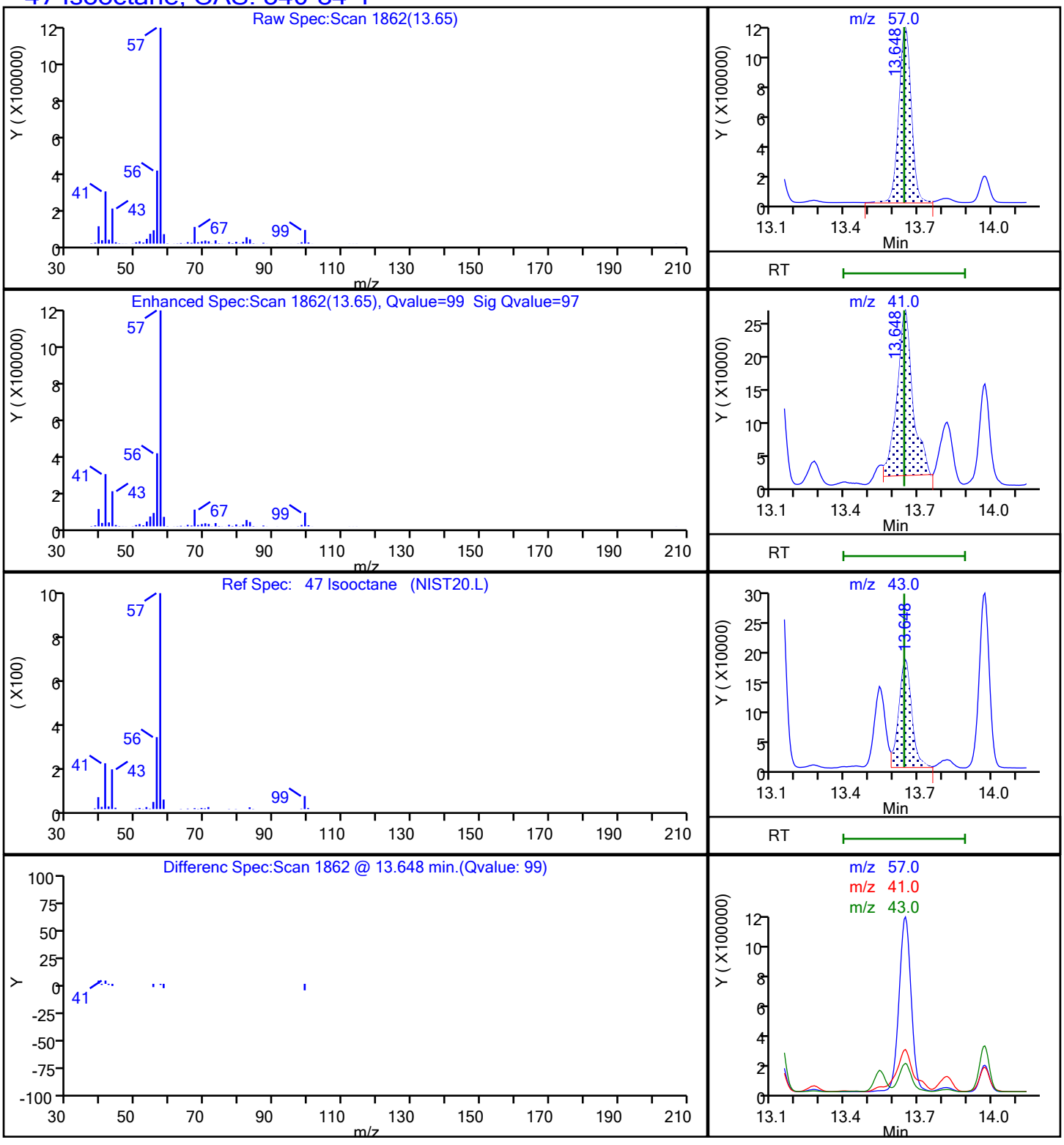
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Eurofins Burlington

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Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
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Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Isooctane, CAS: 540-84-1



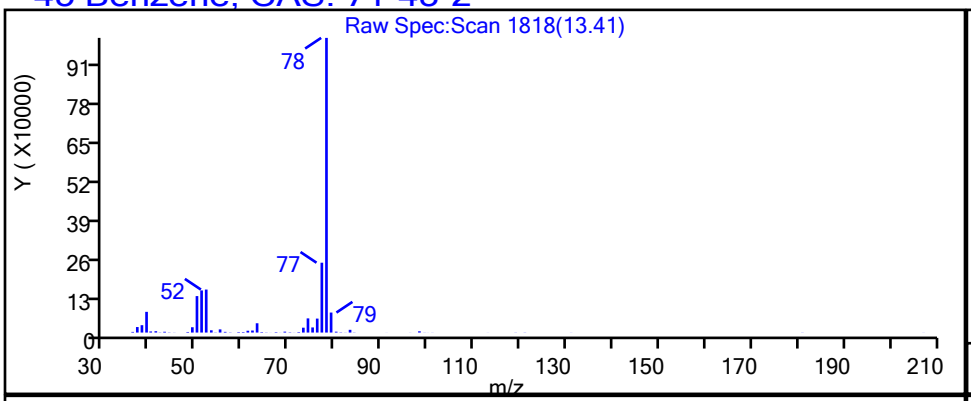
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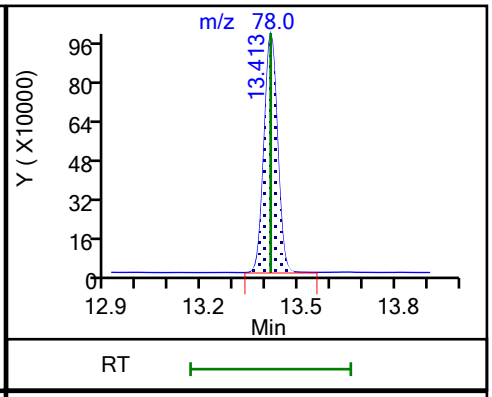
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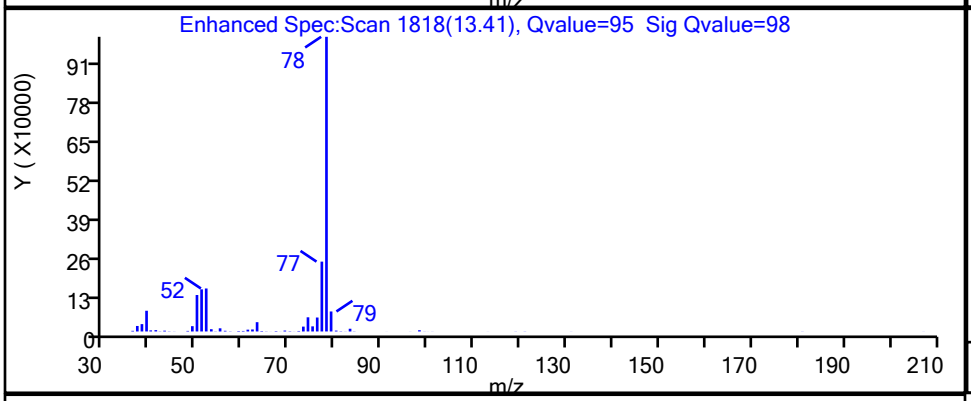
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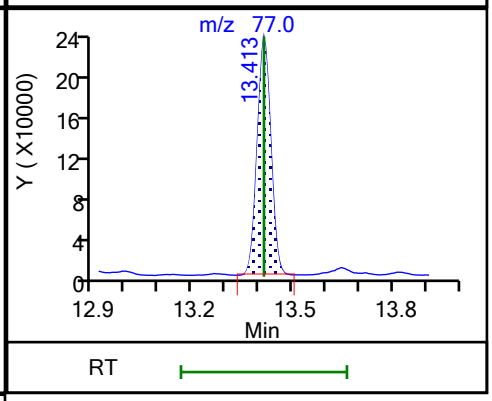
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Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
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Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

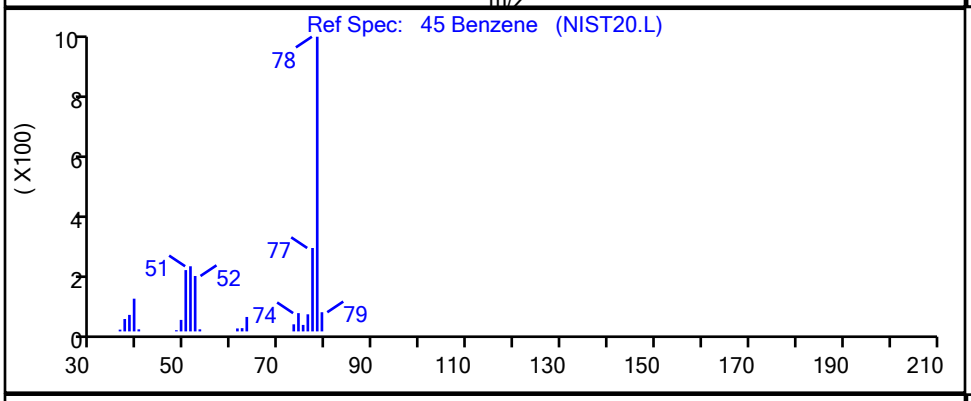
45 Benzene, CAS: 71-43-2

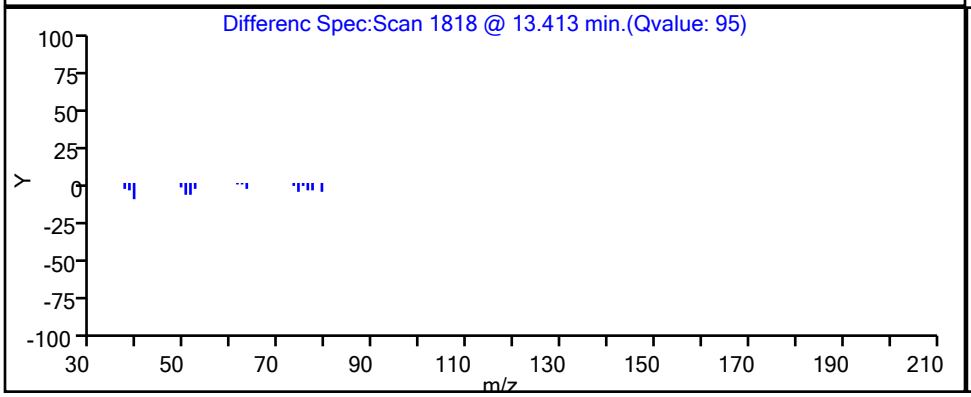


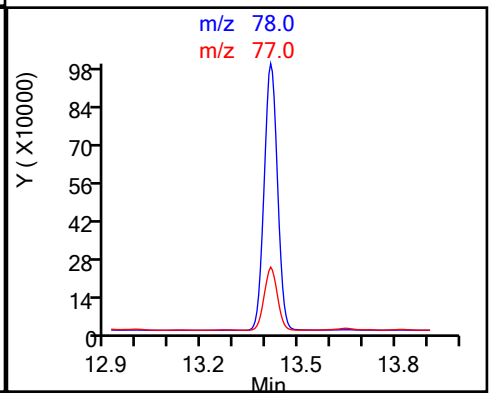












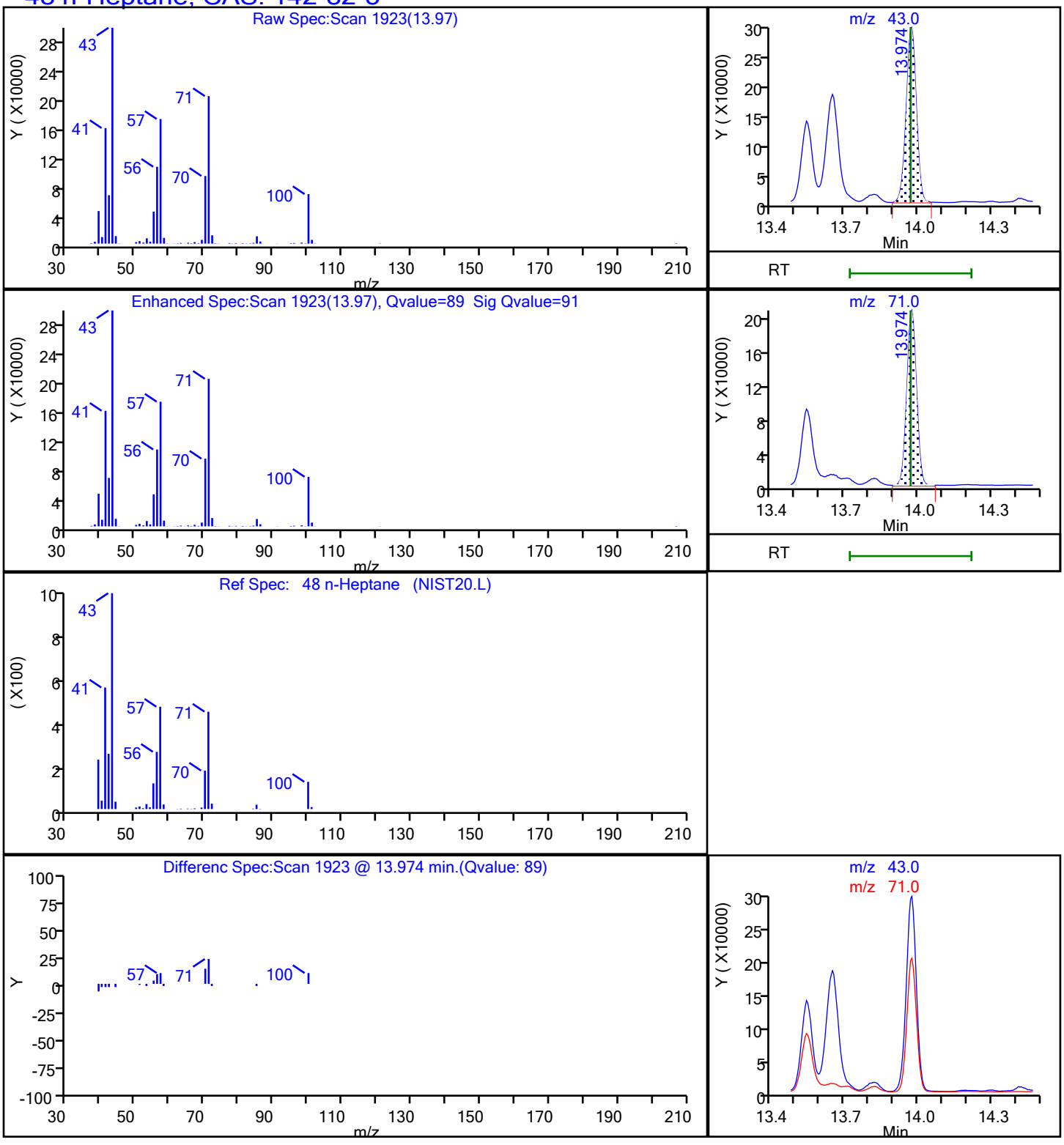
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Eurofins Burlington

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Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



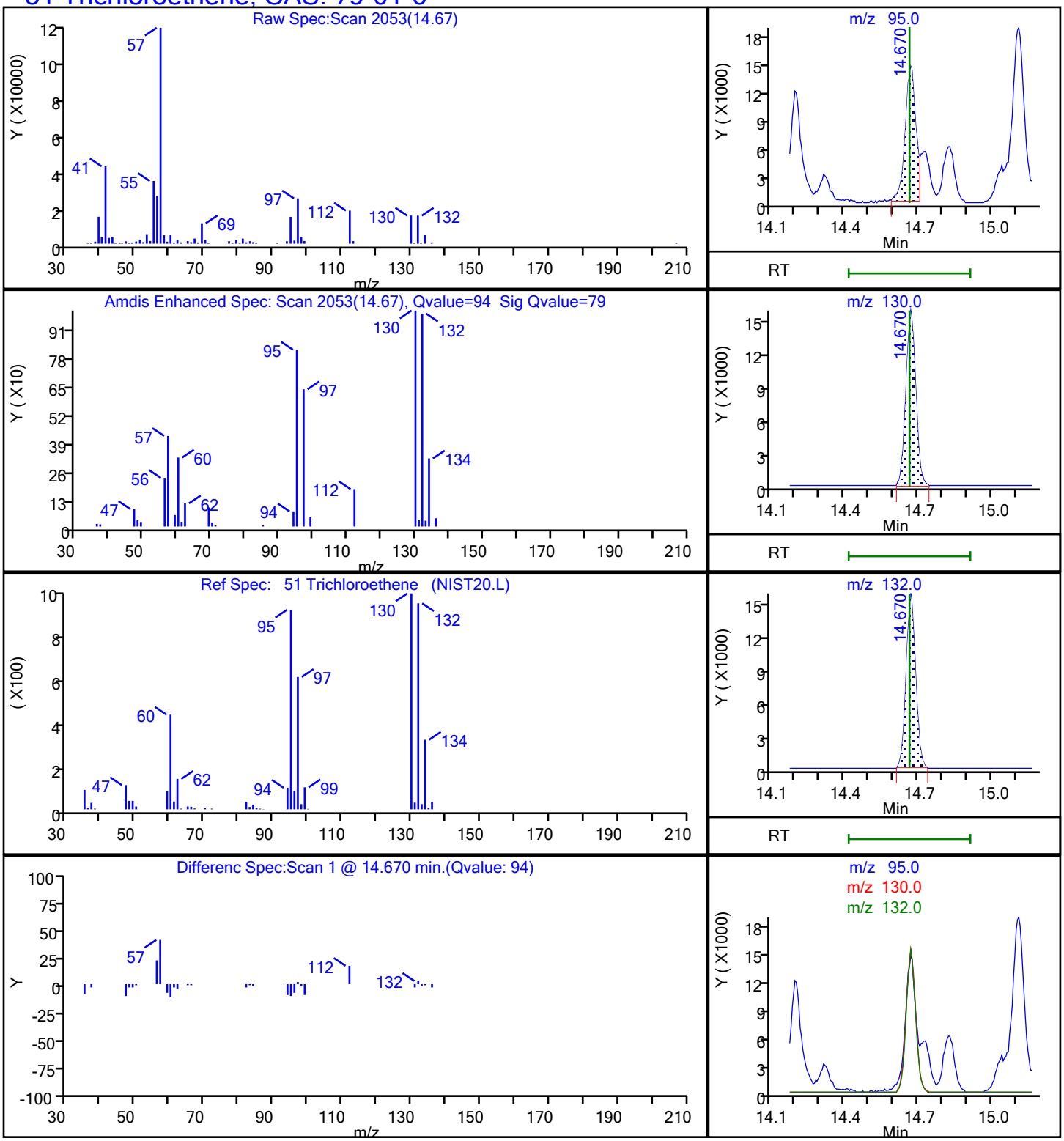
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Eurofins Burlington

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Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1
Client ID:	RXSV-04		
Operator ID:	vtp	ALS Bottle#:	7 Worklist Smp#: 8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

51 Trichloroethene, CAS: 79-01-6



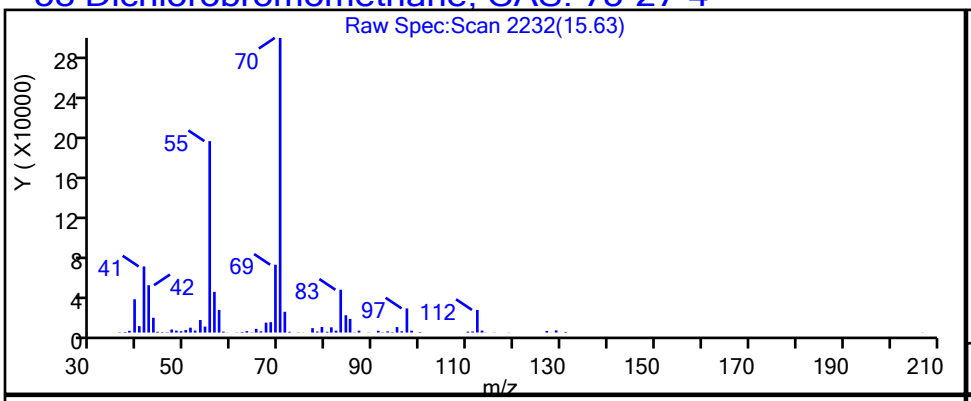
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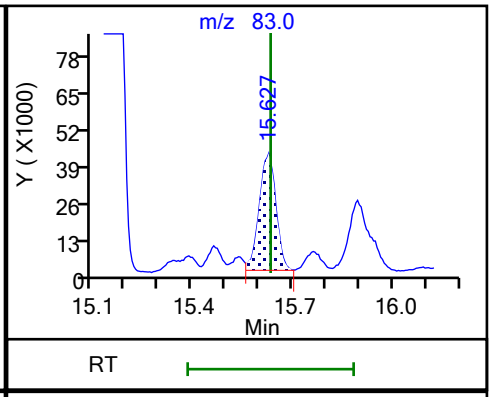
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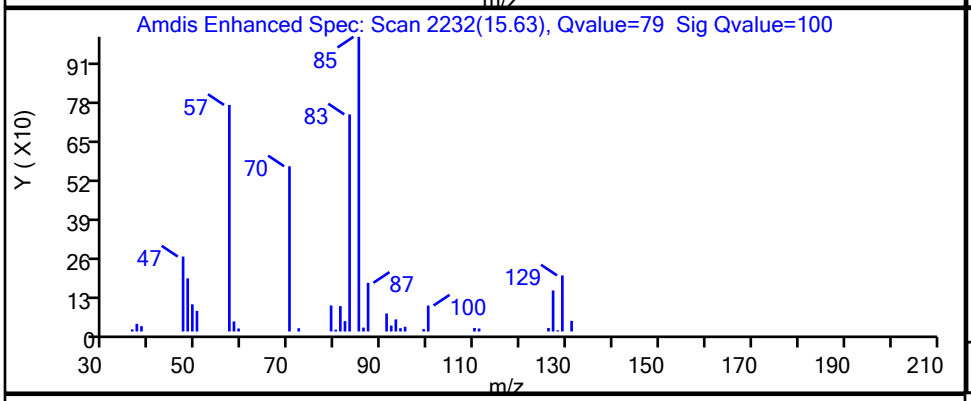
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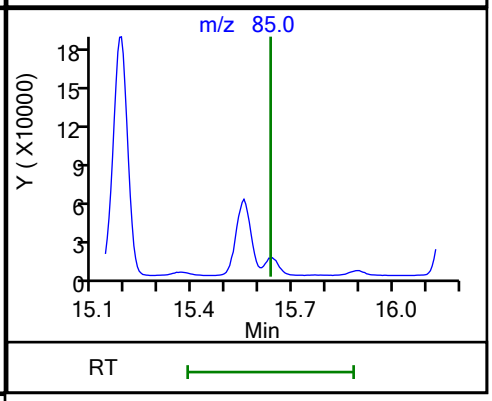
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Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

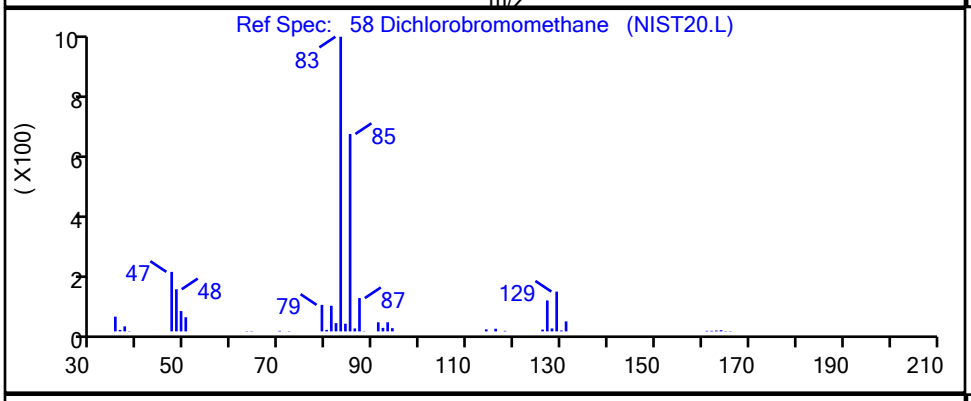
58 Dichlorobromomethane, CAS: 75-27-4

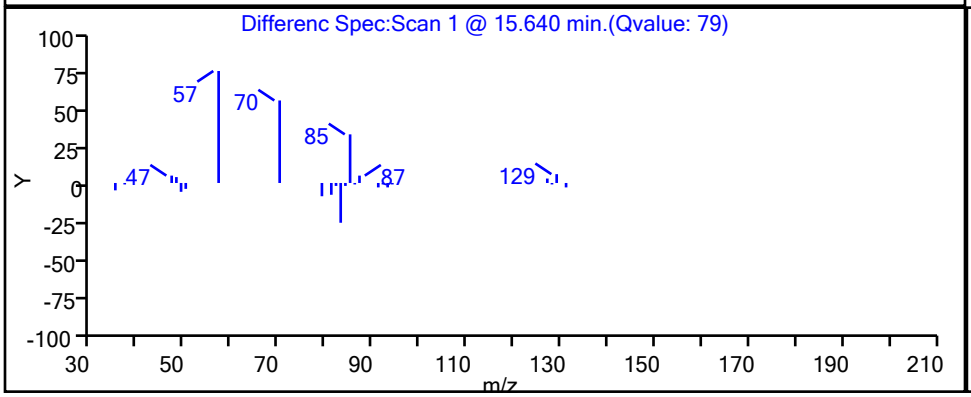


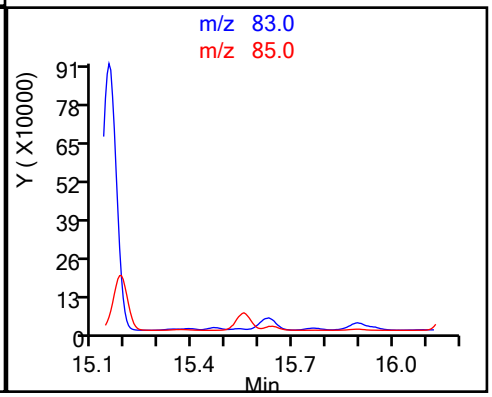












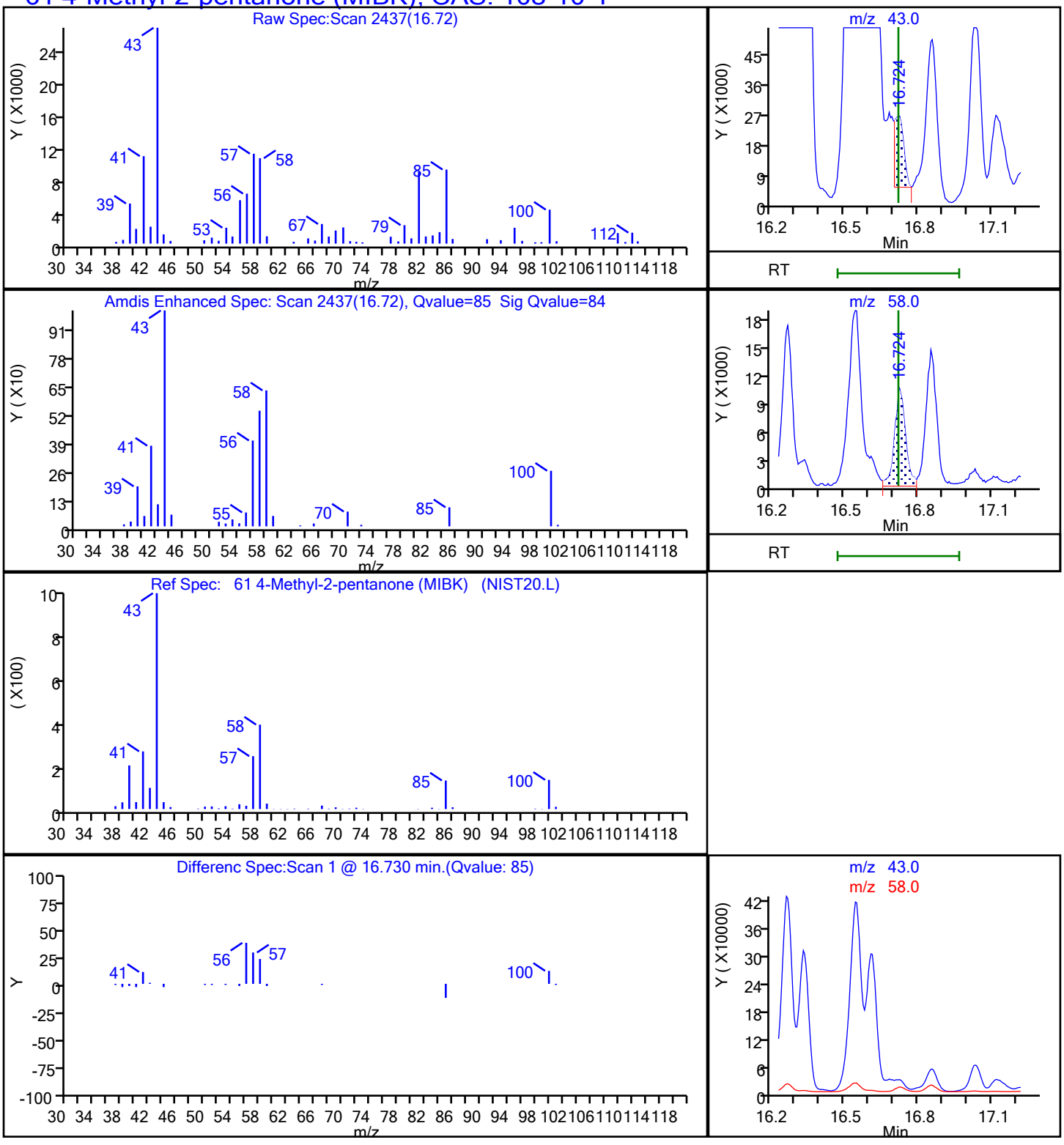
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Eurofins Burlington

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Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



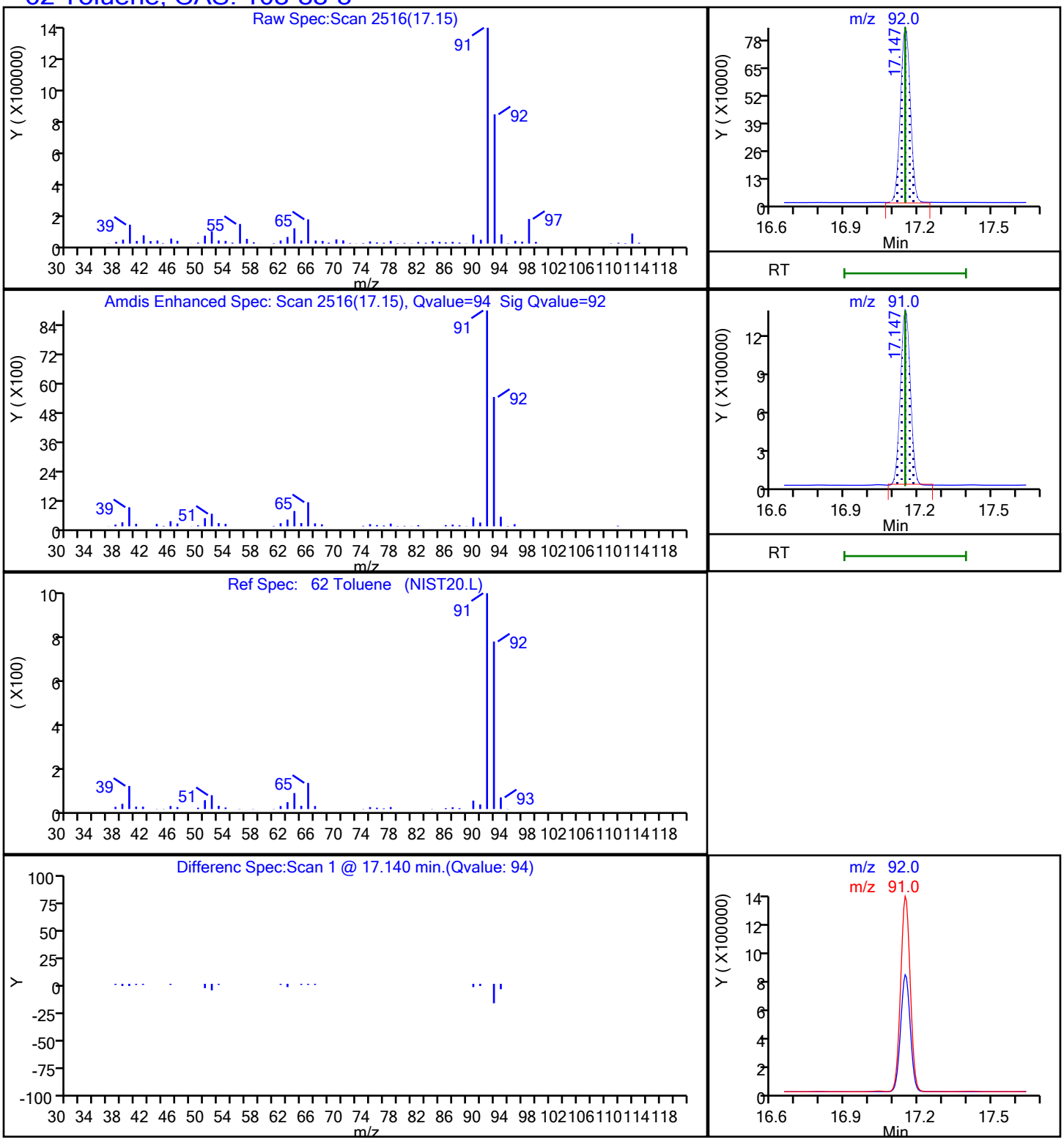
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Eurofins Burlington

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Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1
Client ID:	RXSV-04		
Operator ID:	vtp	ALS Bottle#:	7 Worklist Smp#: 8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

62 Toluene, CAS: 108-88-3



Report Date: 25-Jun-2025 10:22:41 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d

Injection Date: 24-Jun-2025 16:28:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-1 Lab Sample ID: 200-78438-1

Client ID: RXSV-04

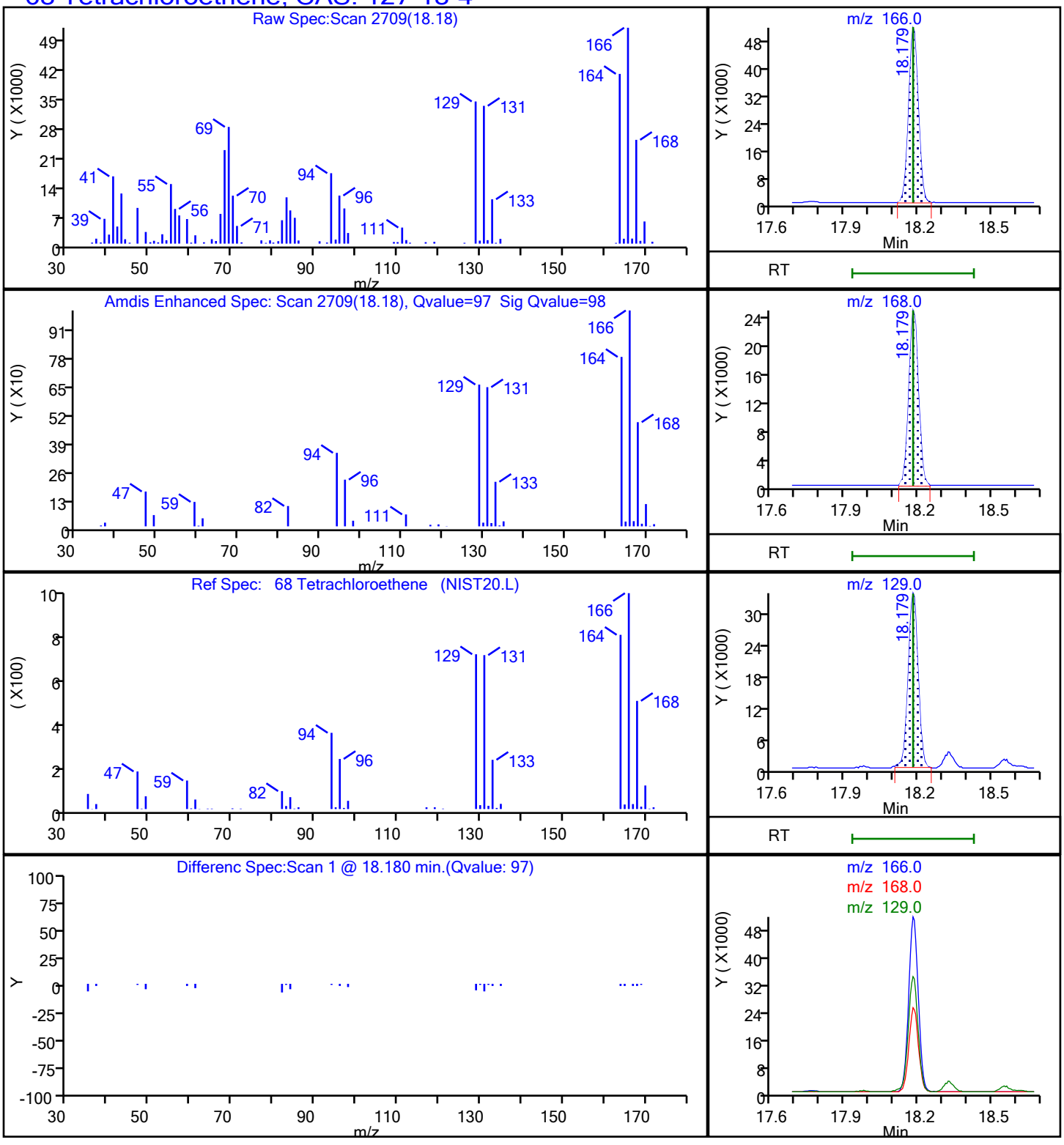
Operator ID: vtp ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

68 Tetrachloroethene, CAS: 127-18-4



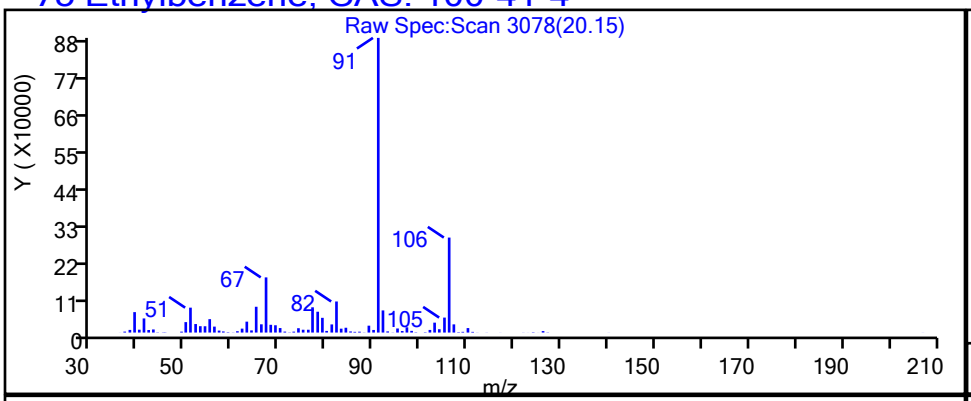
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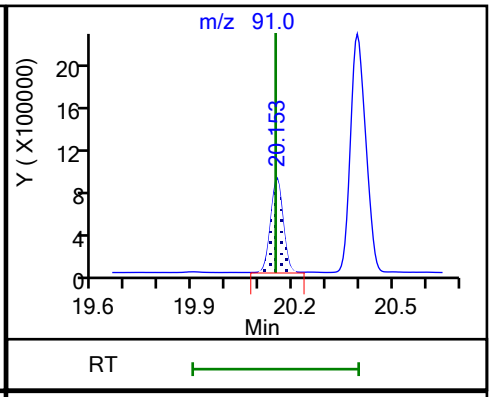
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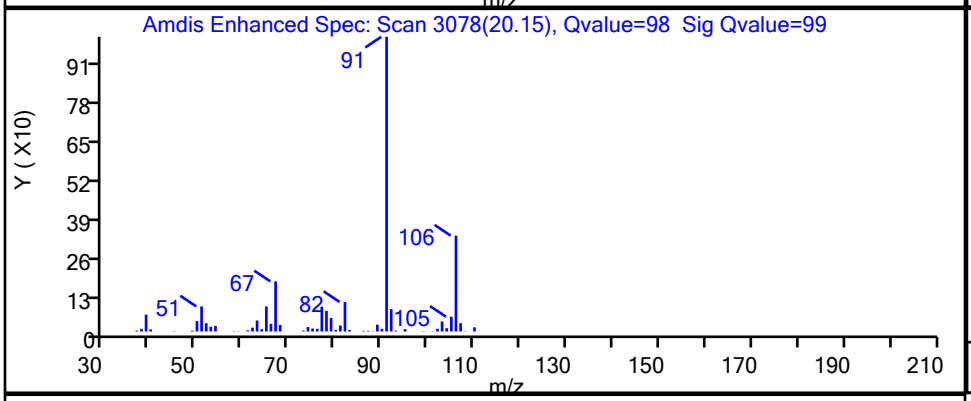
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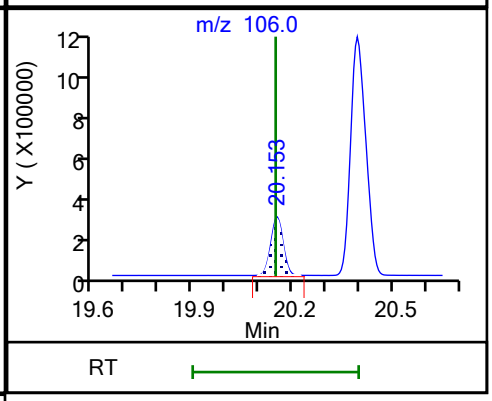
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Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

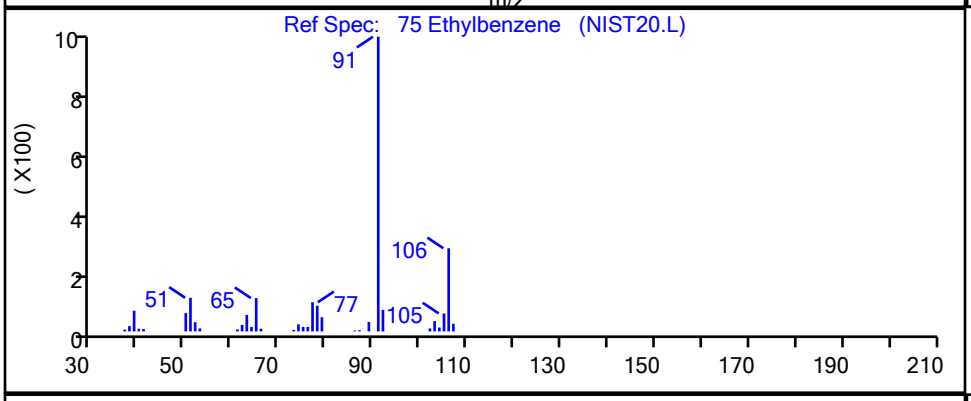
75 Ethylbenzene, CAS: 100-41-4

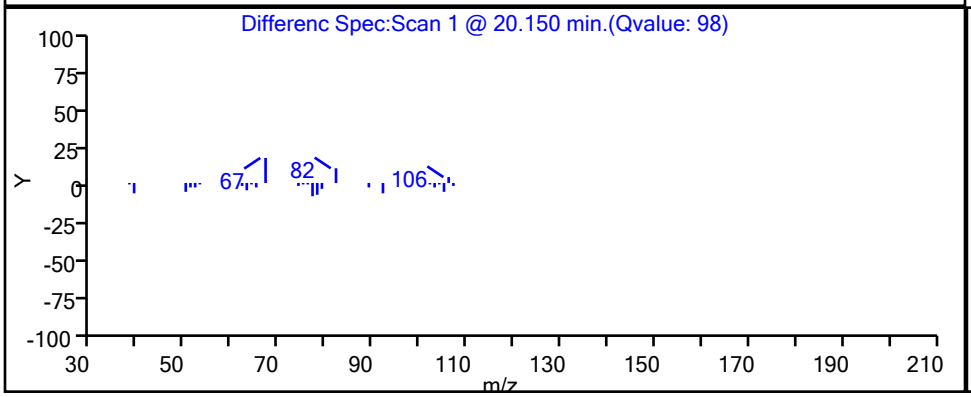


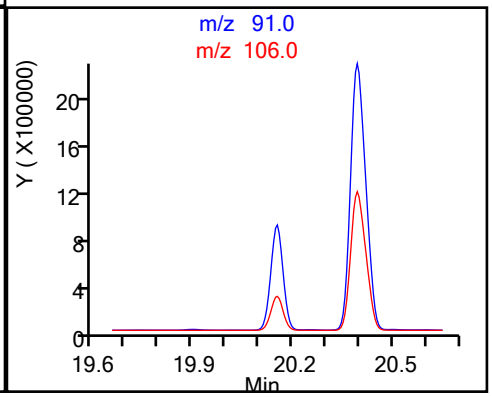










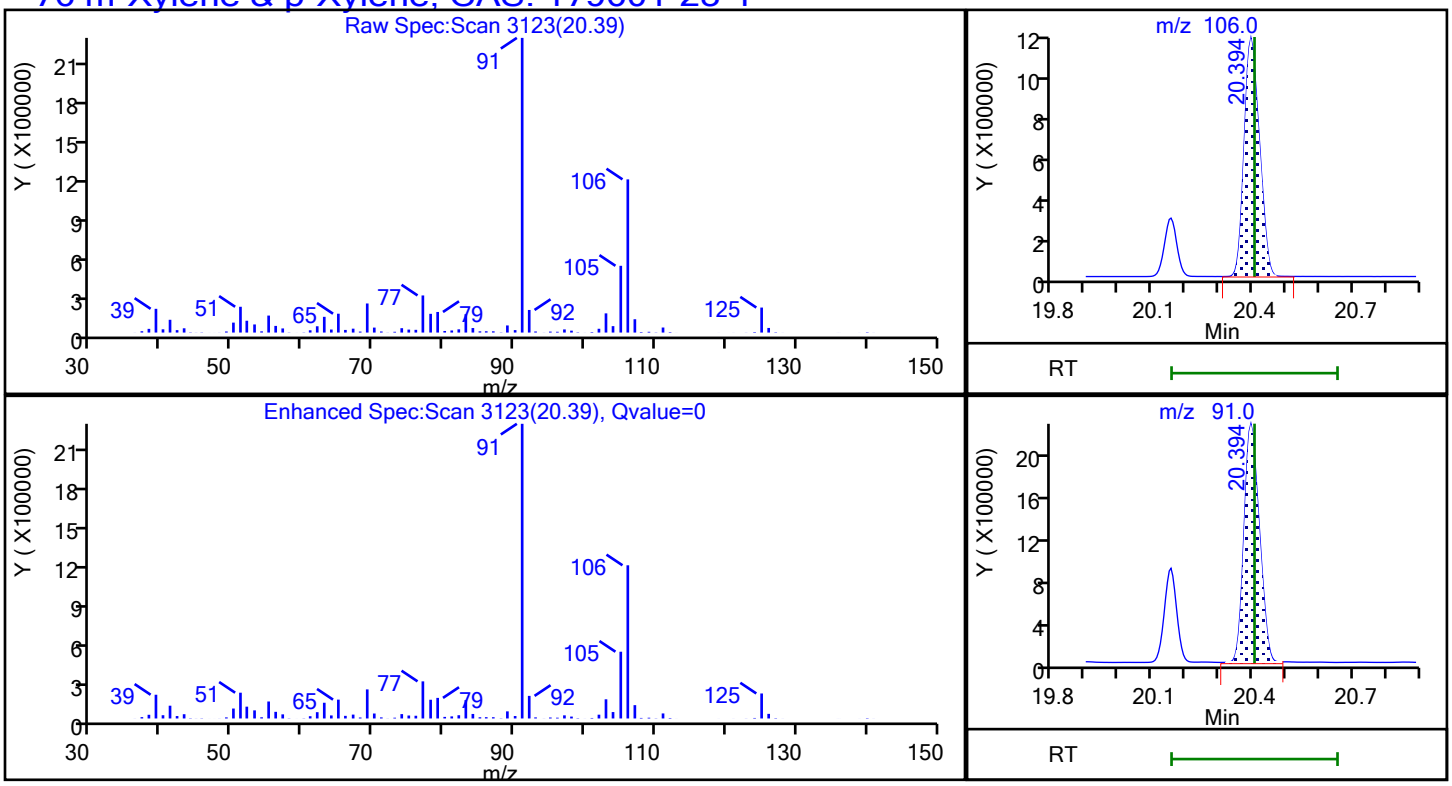


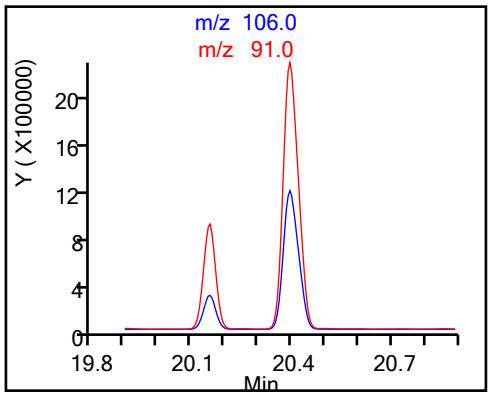
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Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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





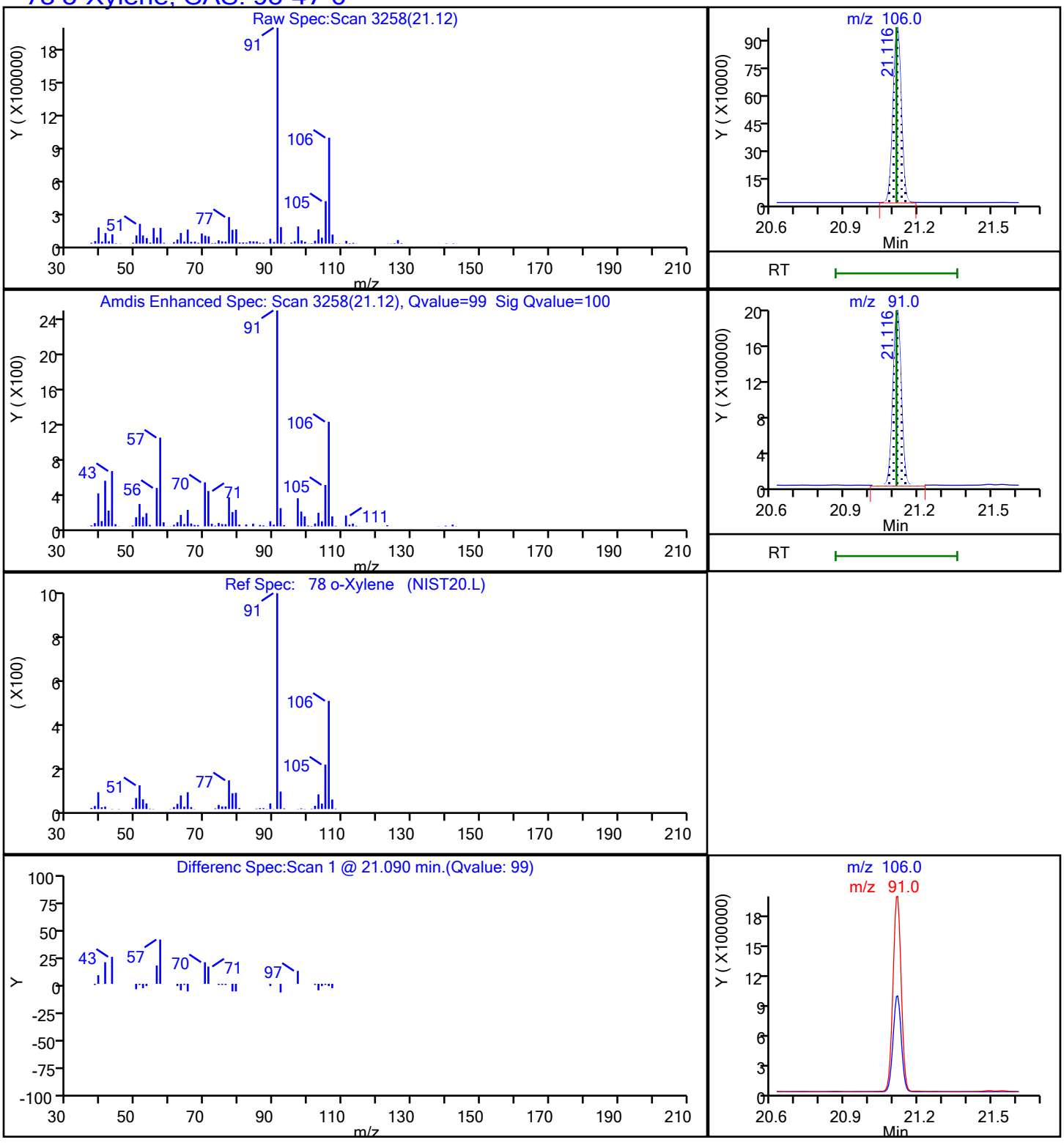
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d

Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



Report Date: 25-Jun-2025 10:22:41 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d

Injection Date: 24-Jun-2025 16:28:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-1 Lab Sample ID: 200-78438-1

Client ID: RXSV-04

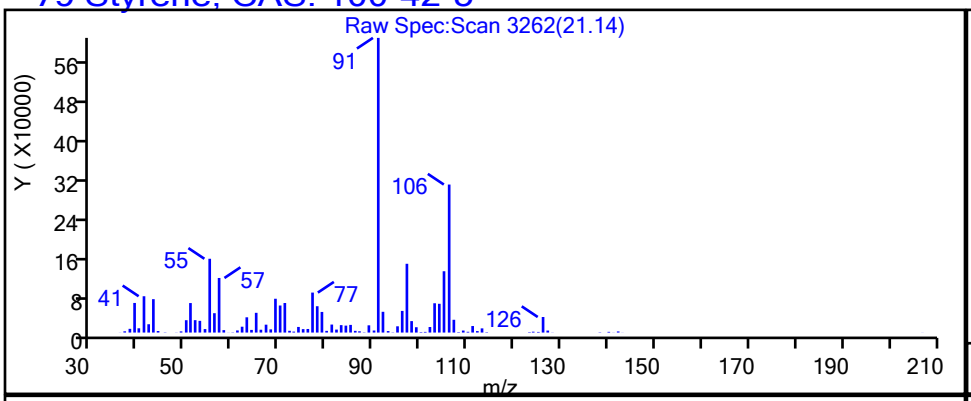
Operator ID: vtp ALS Bottle#: 7 Worklist Smp#: 8

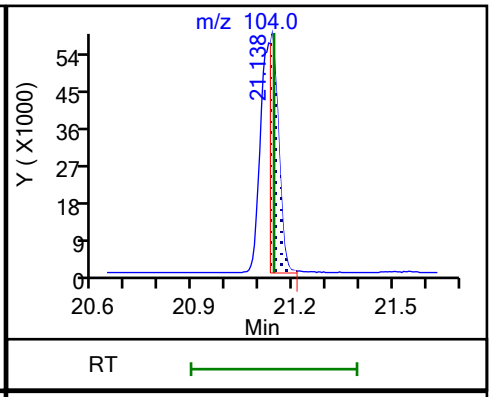
Purge Vol: 200.000 mL Dil. Factor: 1.0000

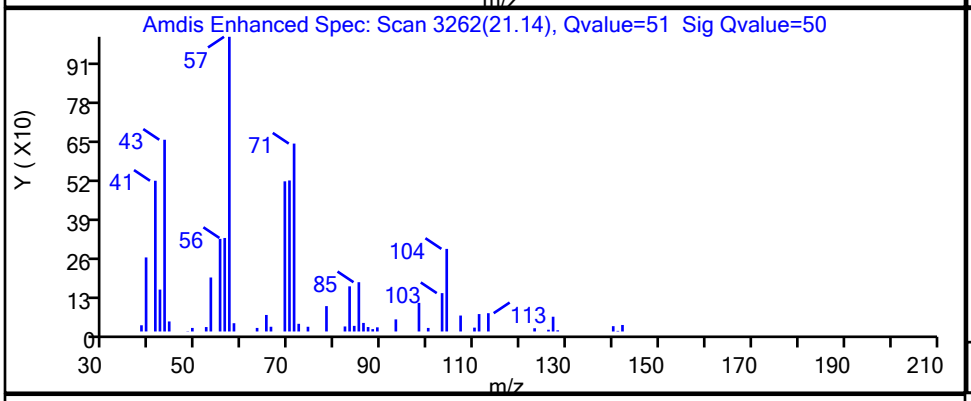
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

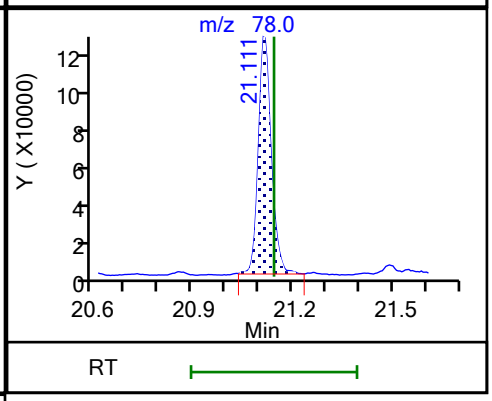
Column: RTX-624 (0.32 mm) Detector MS SCAN

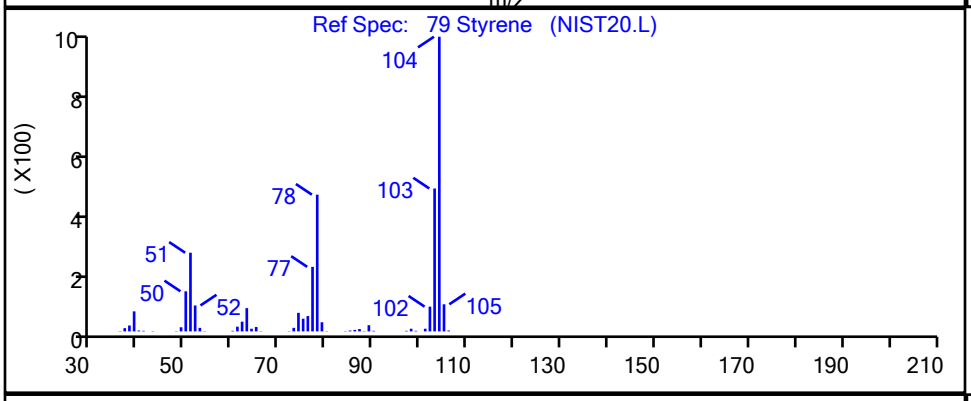
79 Styrene, CAS: 100-42-5

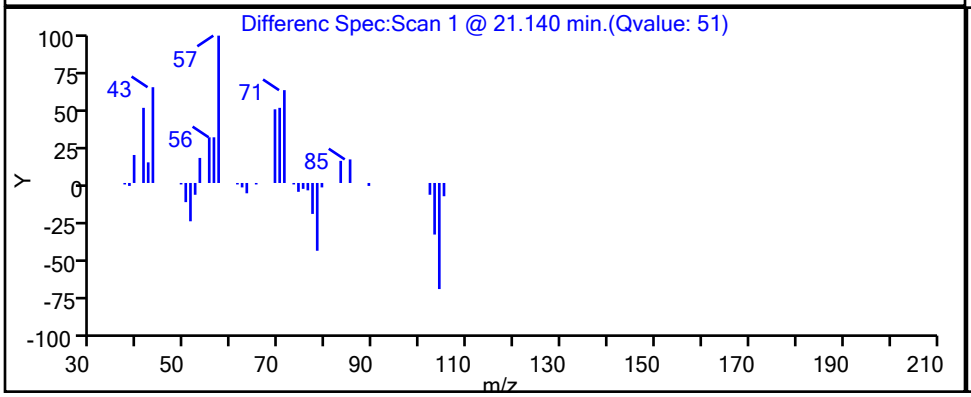


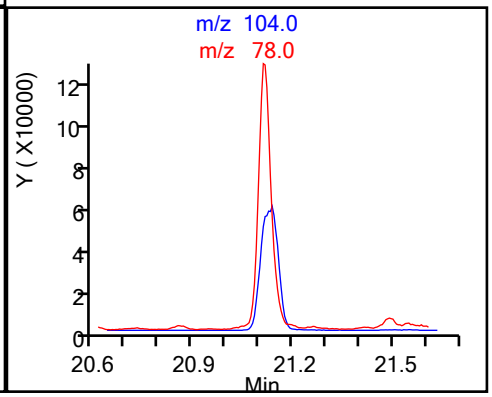












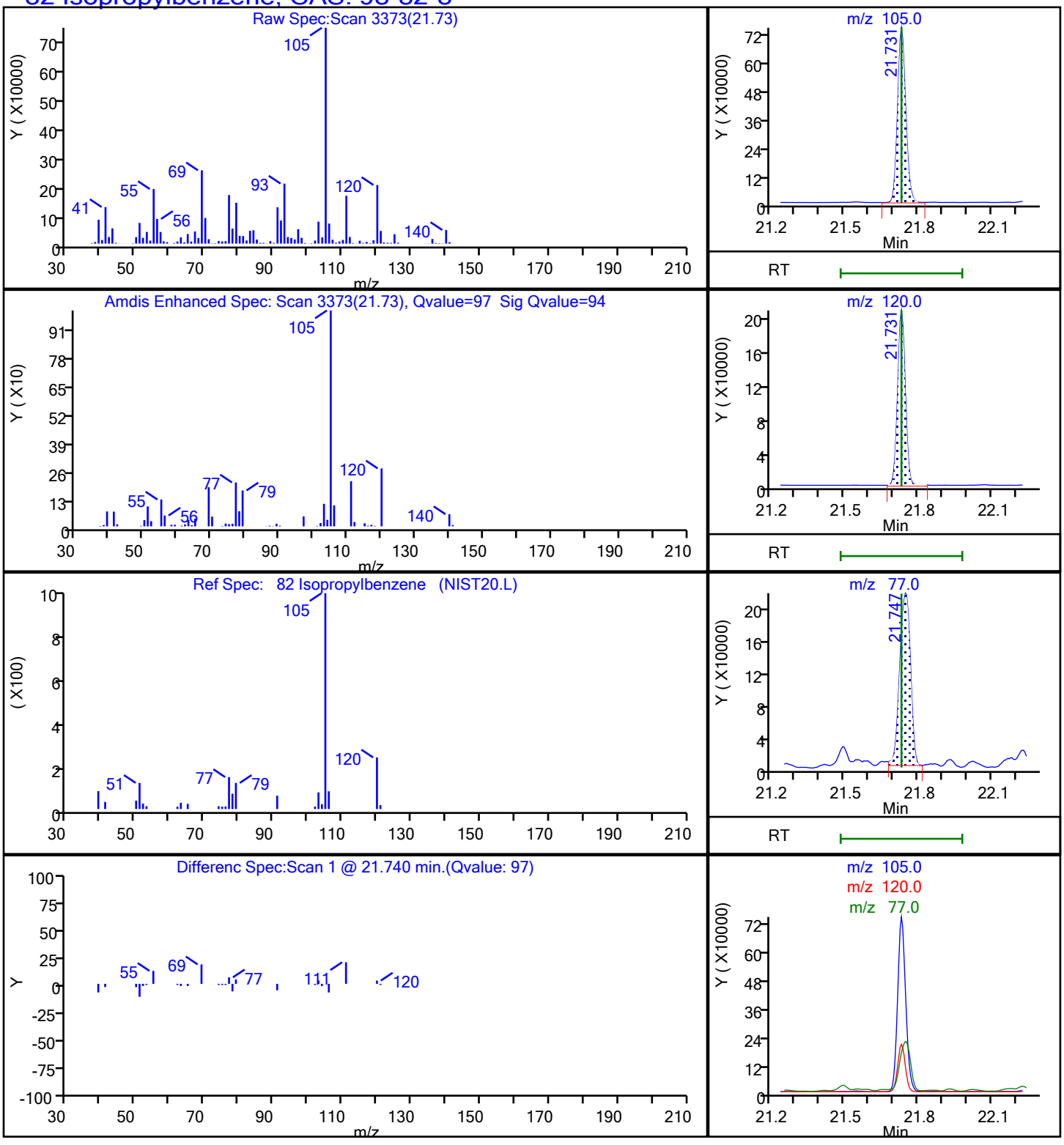
Report Date: 25-Jun-2025 10:22:41 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d

Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8



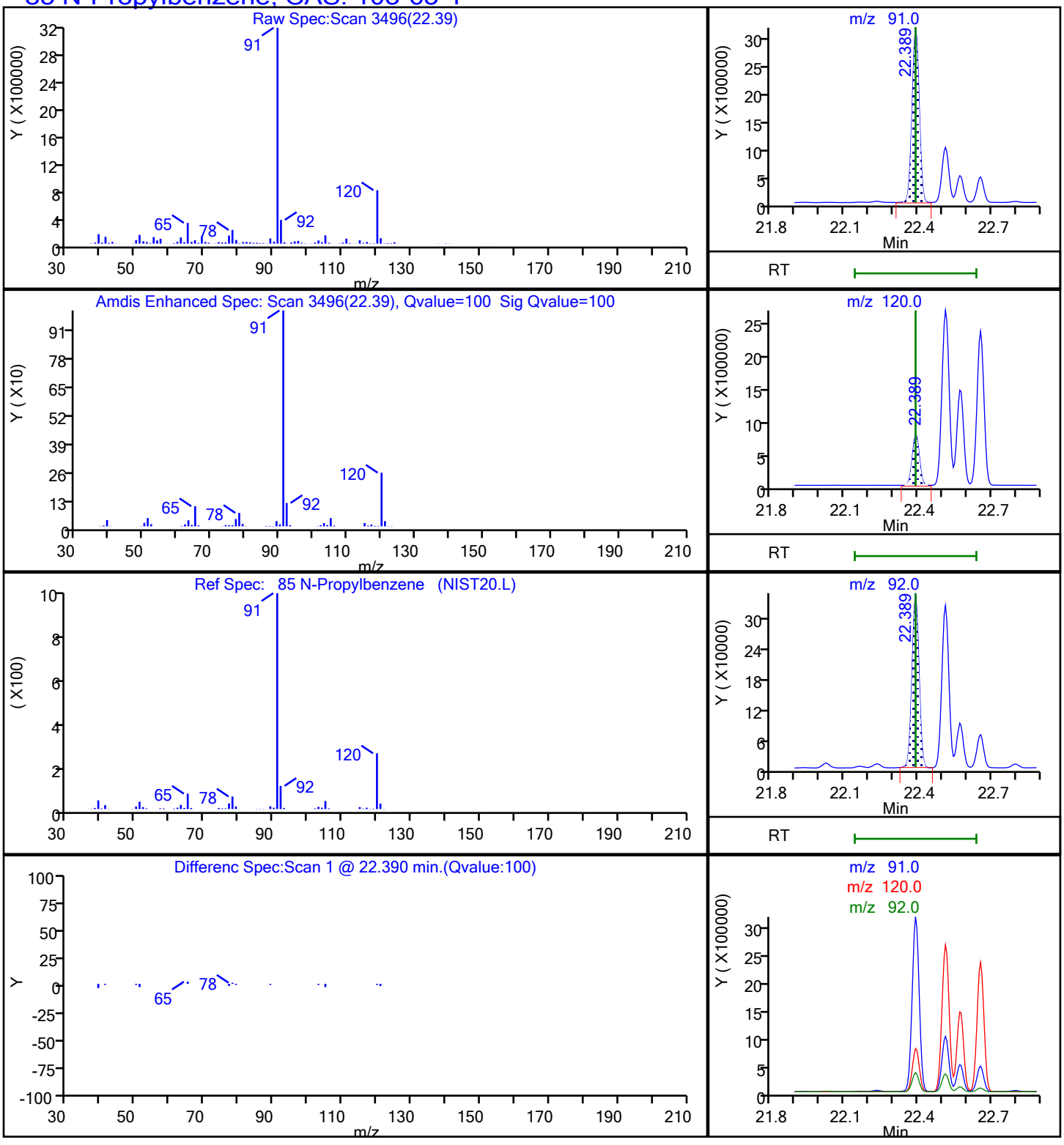
Report Date: 25-Jun-2025 10:22:41 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d

Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 N-Propylbenzene, CAS: 103-65-1



Report Date: 25-Jun-2025 10:22:41 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d

Injection Date: 24-Jun-2025 16:28:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-1 Lab Sample ID: 200-78438-1

Client ID: RXSV-04

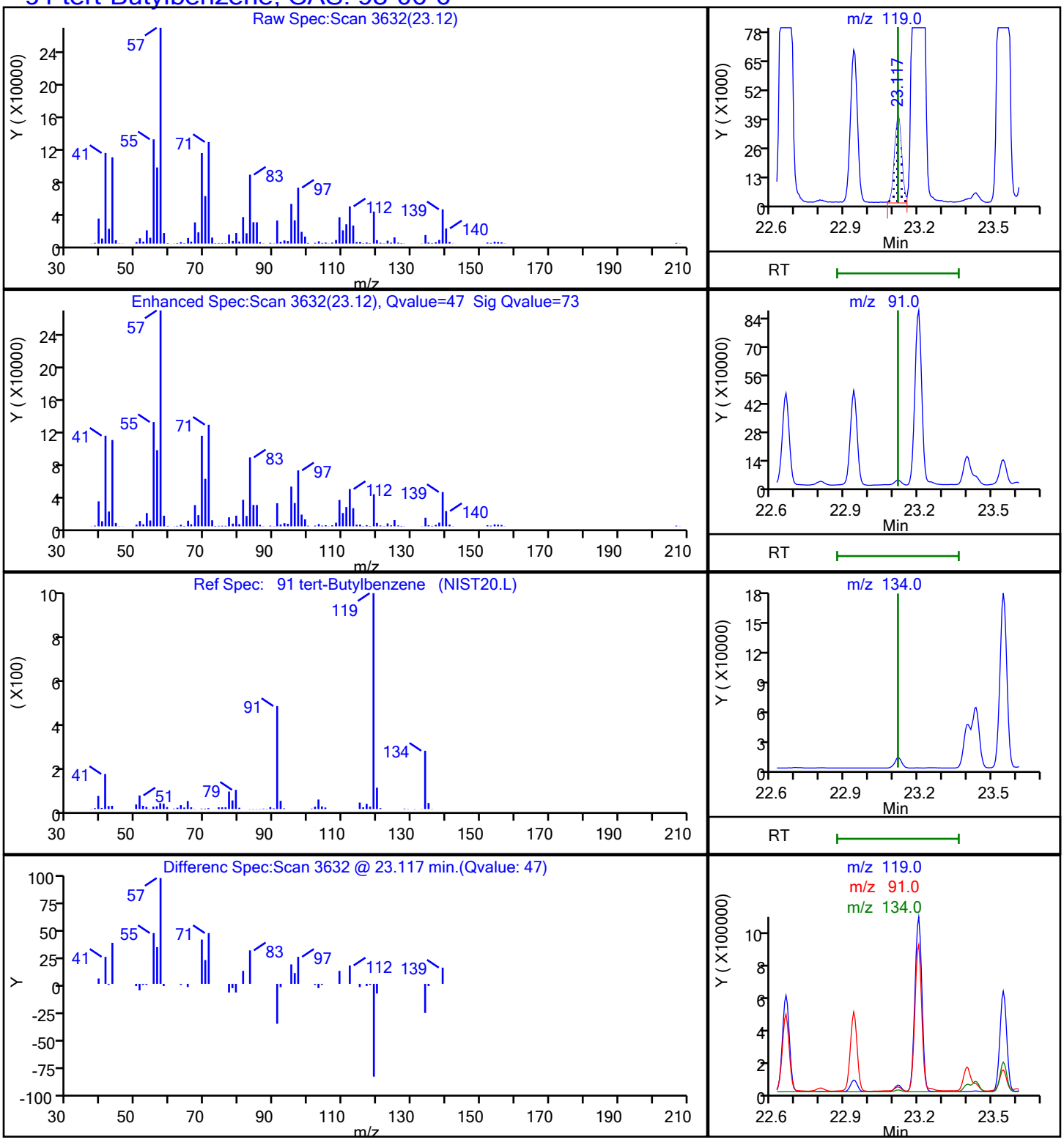
Operator ID: vtp ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

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



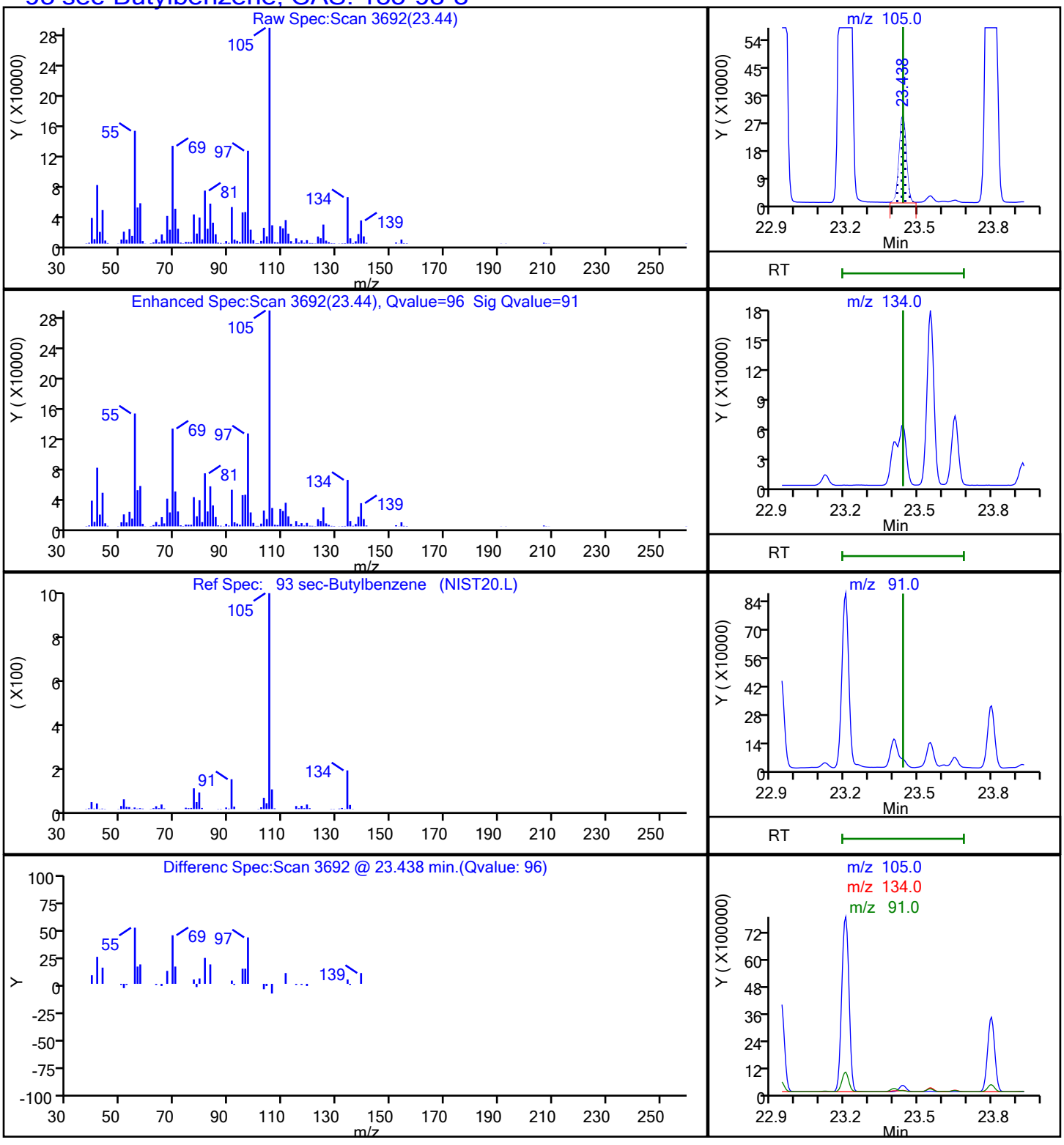
Report Date: 25-Jun-2025 10:22:41 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d

Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

93 sec-Butylbenzene, CAS: 135-98-8



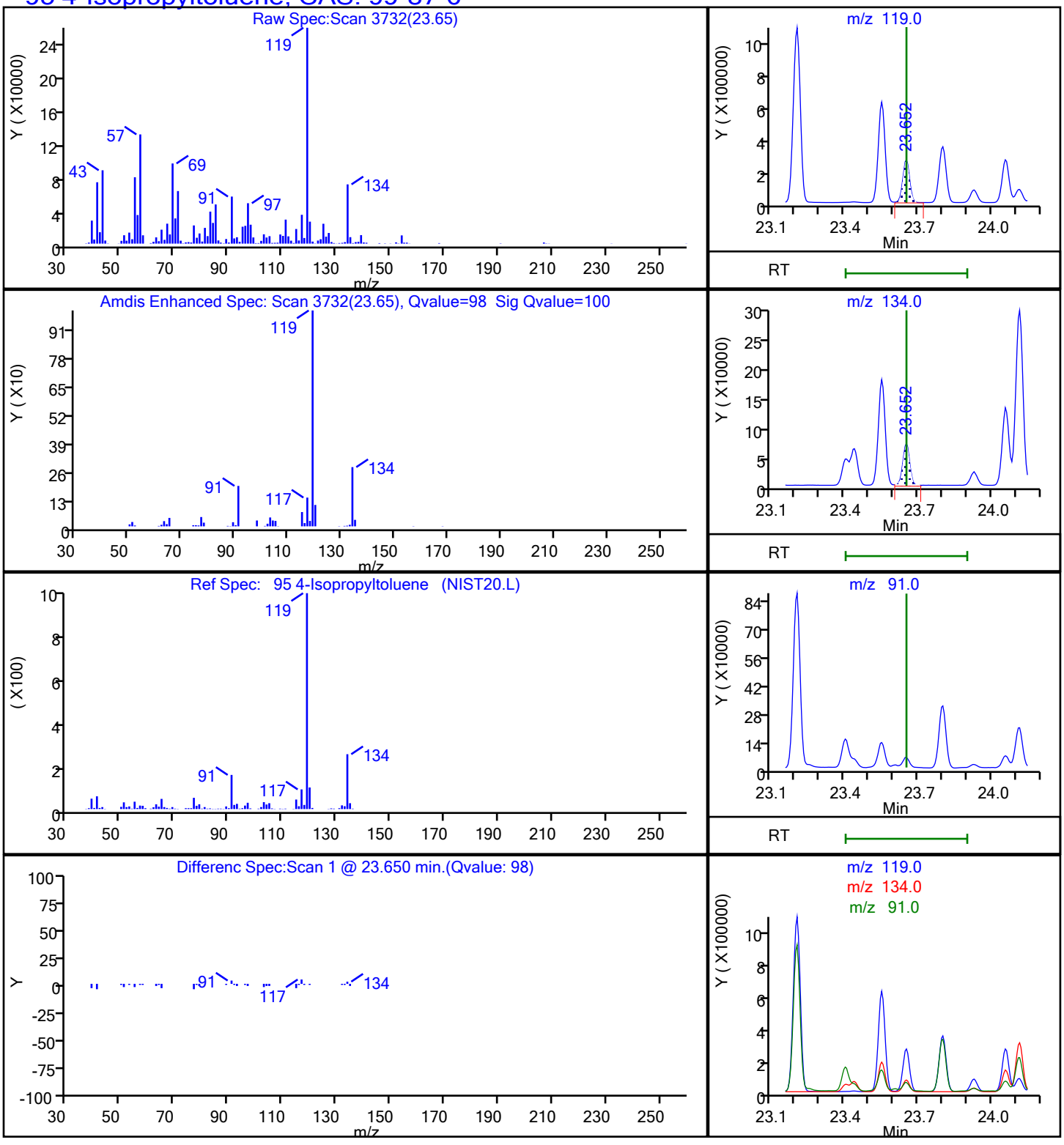
Report Date: 25-Jun-2025 10:22:41 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d

Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

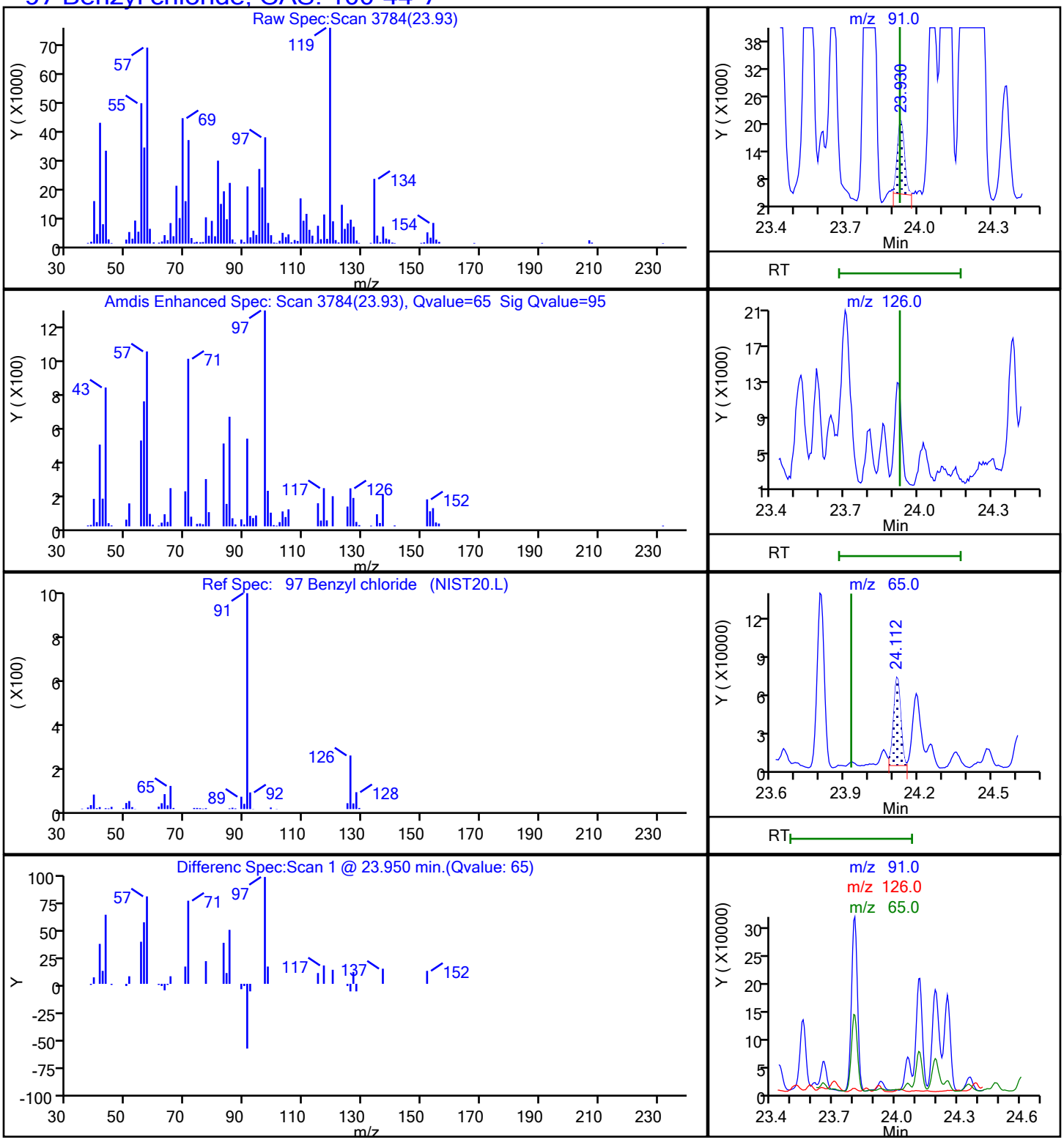


Report Date: 25-Jun-2025 10:22:41 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

97 Benzyl chloride, CAS: 100-44-7



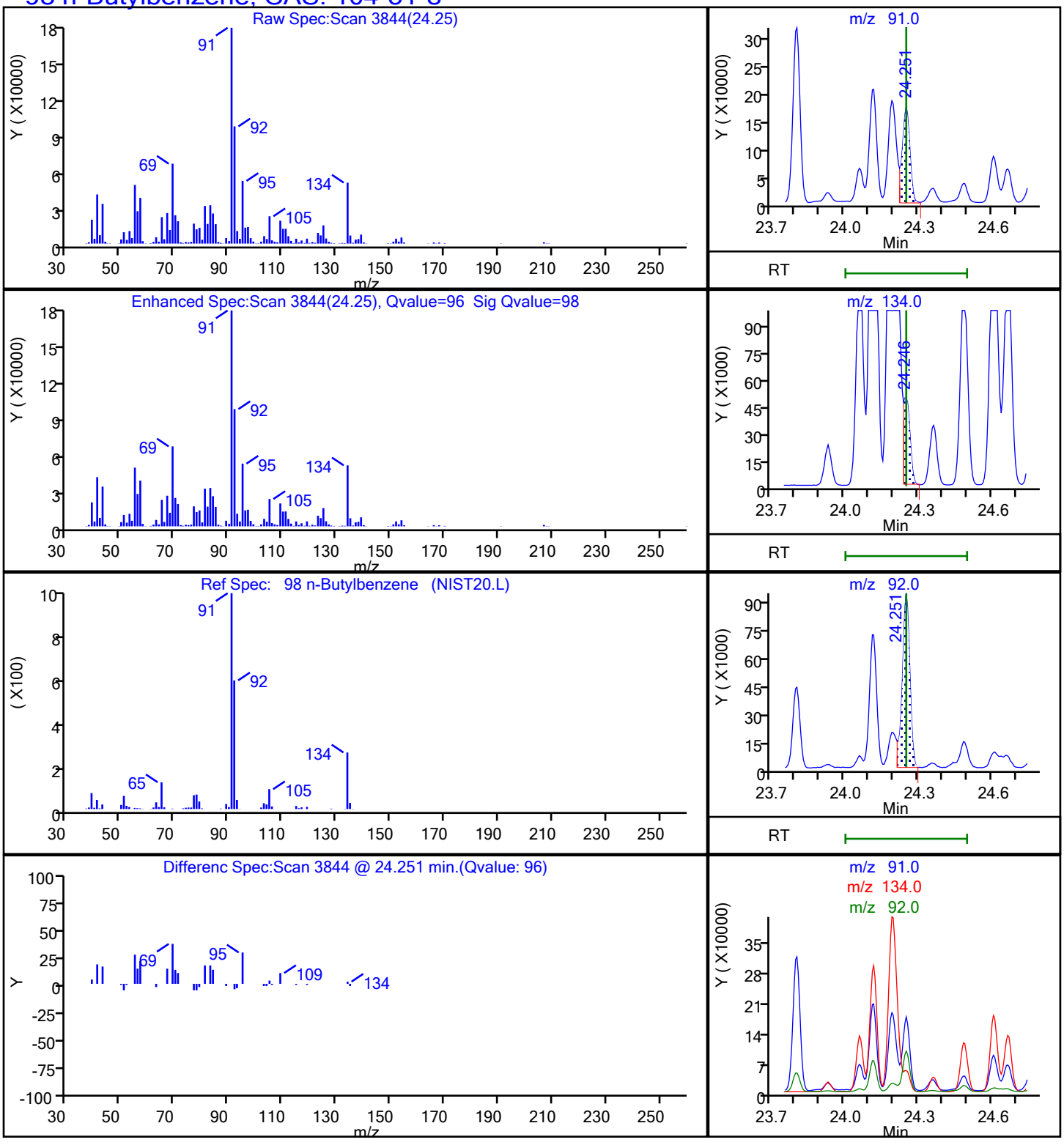
Report Date: 25-Jun-2025 10:22:41 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d

Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

98 n-Butylbenzene, CAS: 104-51-8

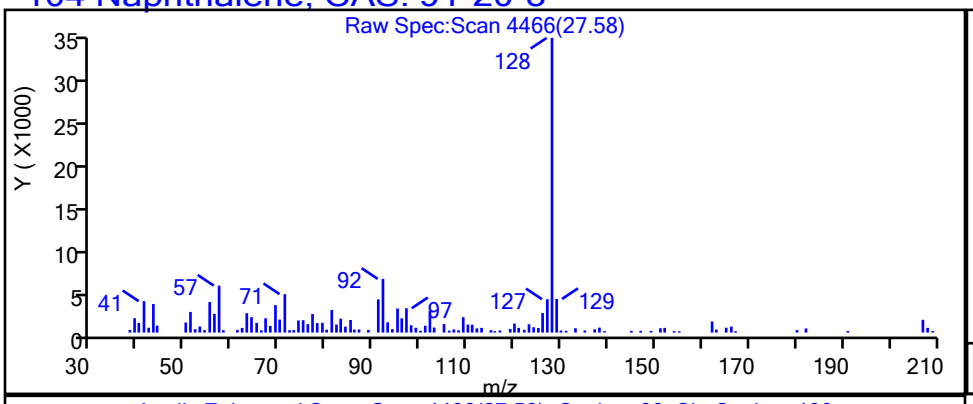


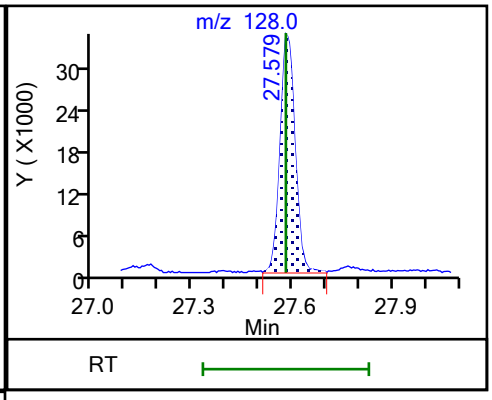
Report Date: 25-Jun-2025 10:22:42 Chrom Revision: 2.3 14-Jun-2025 12:06:34

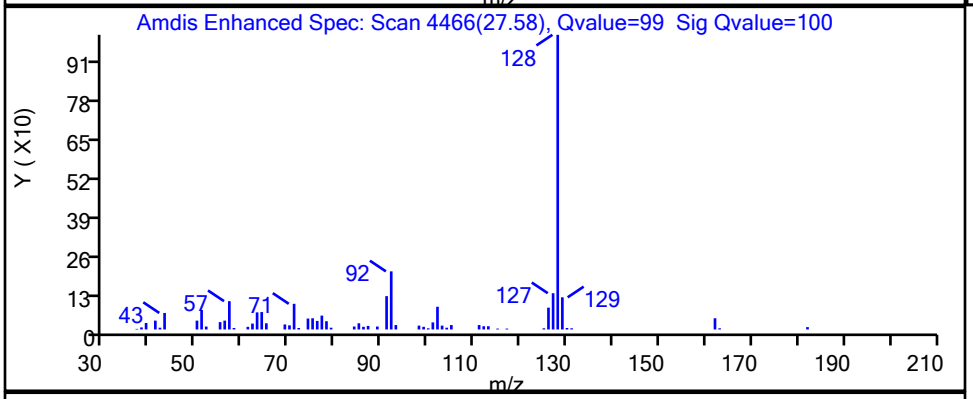
Eurofins Burlington

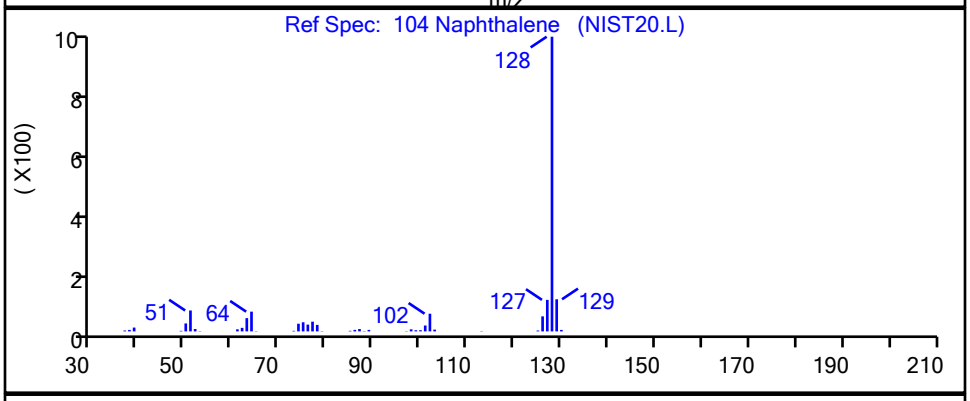
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

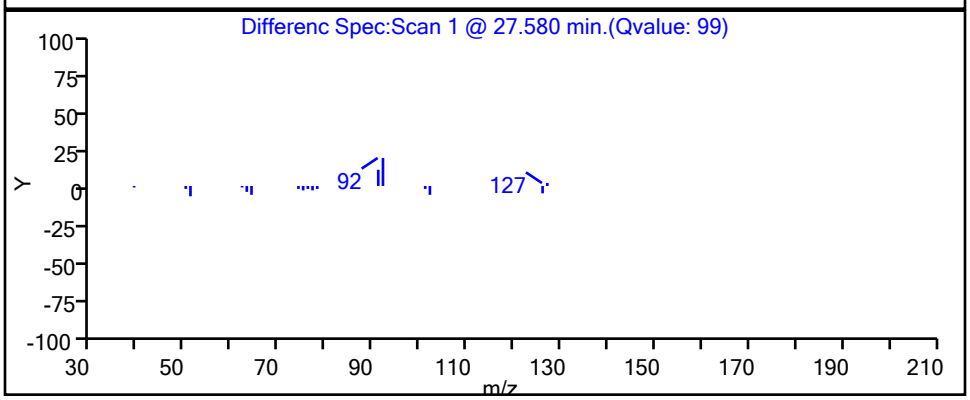
104 Naphthalene, CAS: 91-20-3











Manual Integration/User Assign Peak Report

Eurofins Burlington

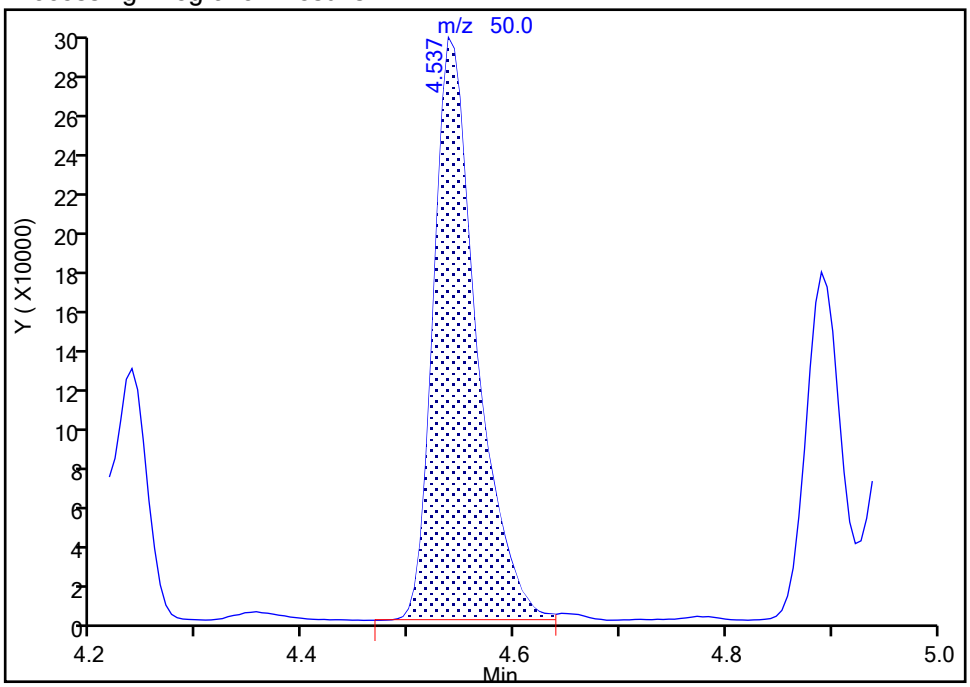
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Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

5 Chloromethane, CAS: 74-87-3

Signal: 1

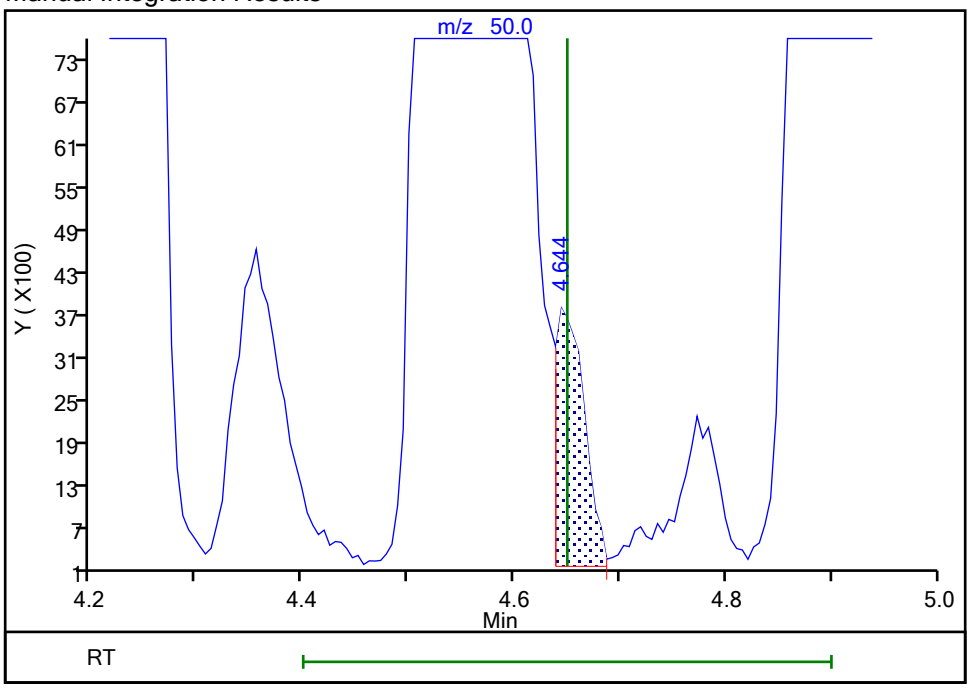
Processing Integration Results

RT: 4.54
Area: 843544
Amount: 35.992370
Amount Units: ppb v/v



Manual Integration Results

RT: 4.64
Area: 6902
Amount: 0.294495
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 10:13:27 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

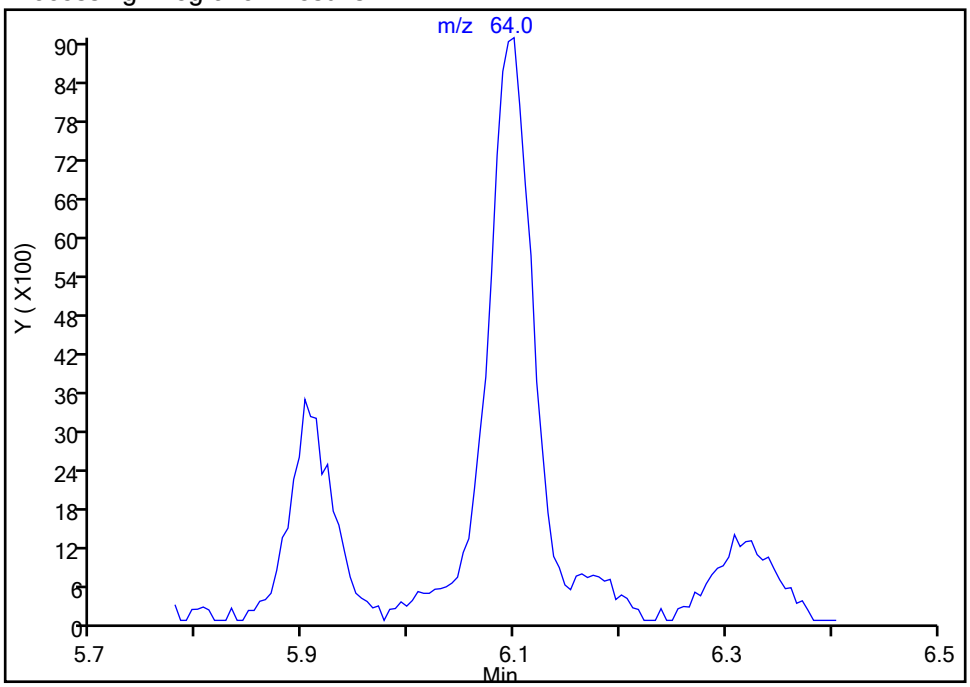
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

10 Chloroethane, CAS: 75-00-3

Signal: 1

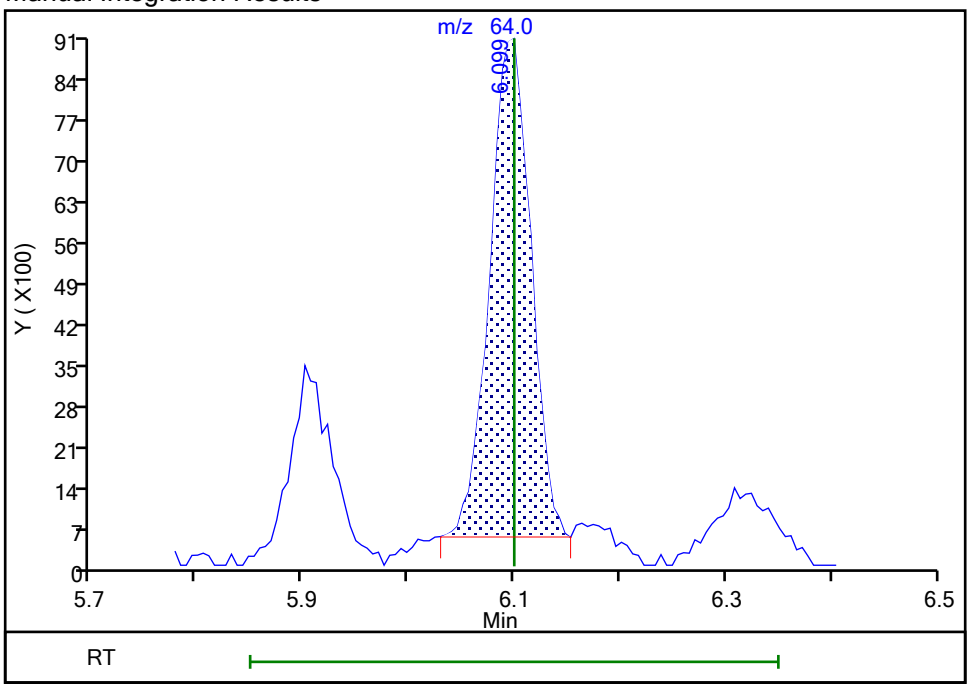
Not Detected
Expected RT: 6.10

Processing Integration Results



Manual Integration Results

RT: 6.10
Area: 23227
Amount: 1.469299
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 10:14:01 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

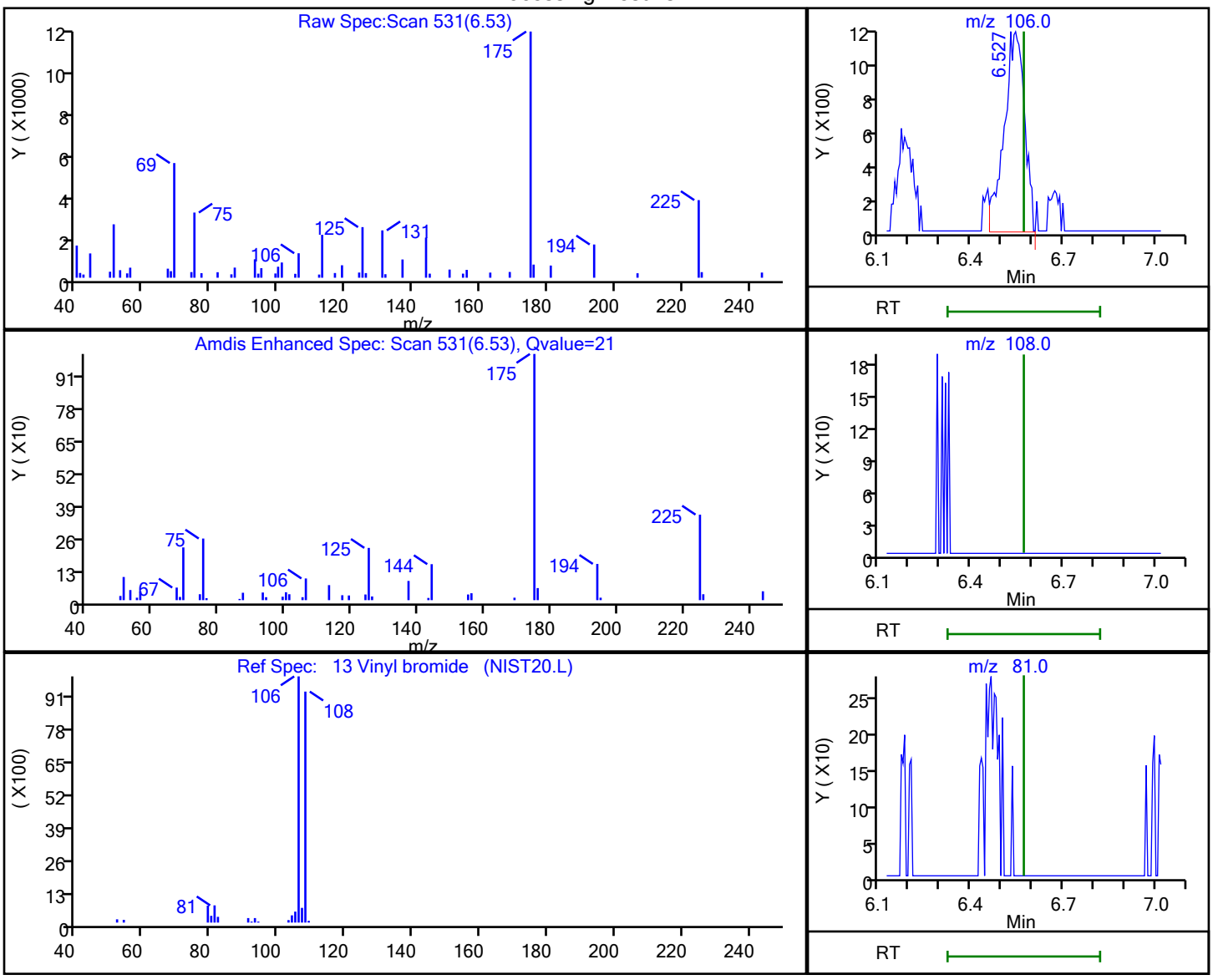
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

13 Vinyl bromide, CAS: 593-60-2

Processing Results



RT	Mass	Response	Amount
6.53	106.00	5491	0.198337
6.57	108.00	0	
6.57	81.00	0	

Reviewer: F7XK, 25-Jun-2025 10:14:14 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

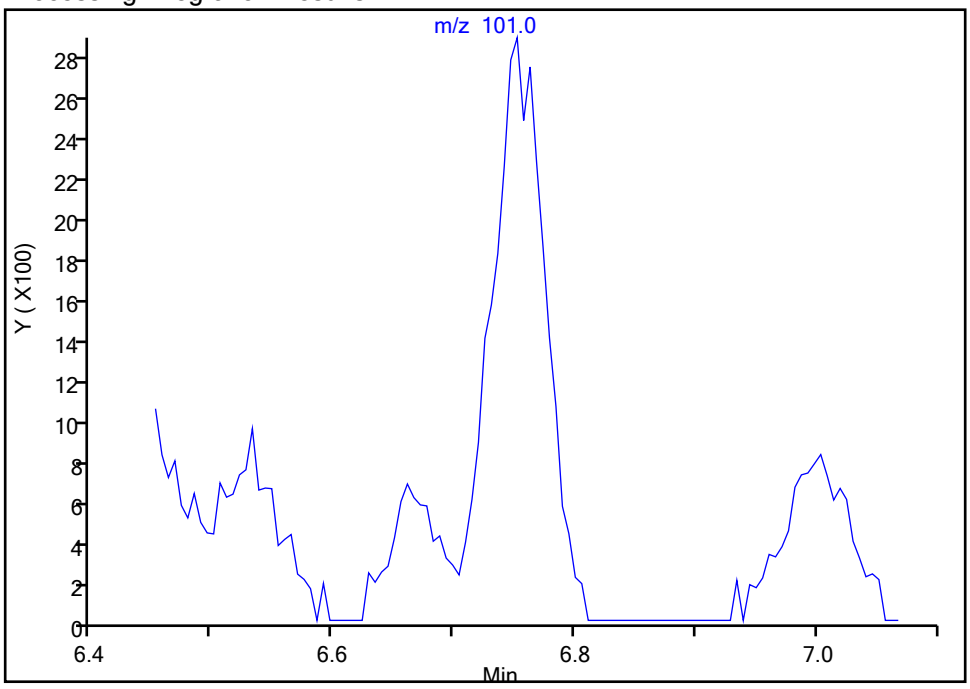
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

14 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

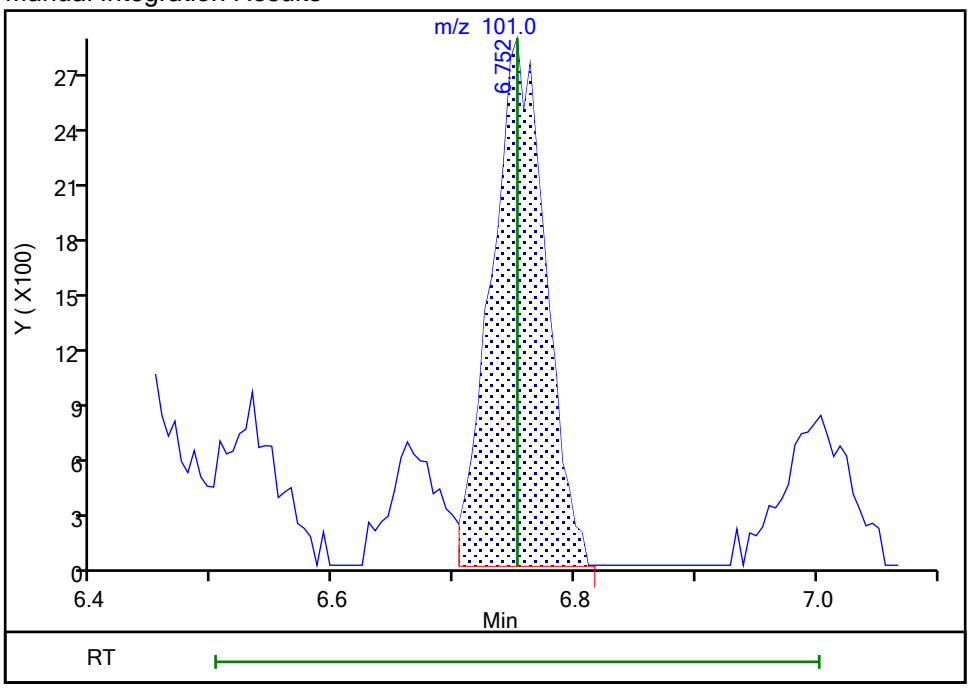
Not Detected
Expected RT: 6.75

Processing Integration Results



Manual Integration Results

RT: 6.75
Area: 8930
Amount: 0.129748
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 10:14:31 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

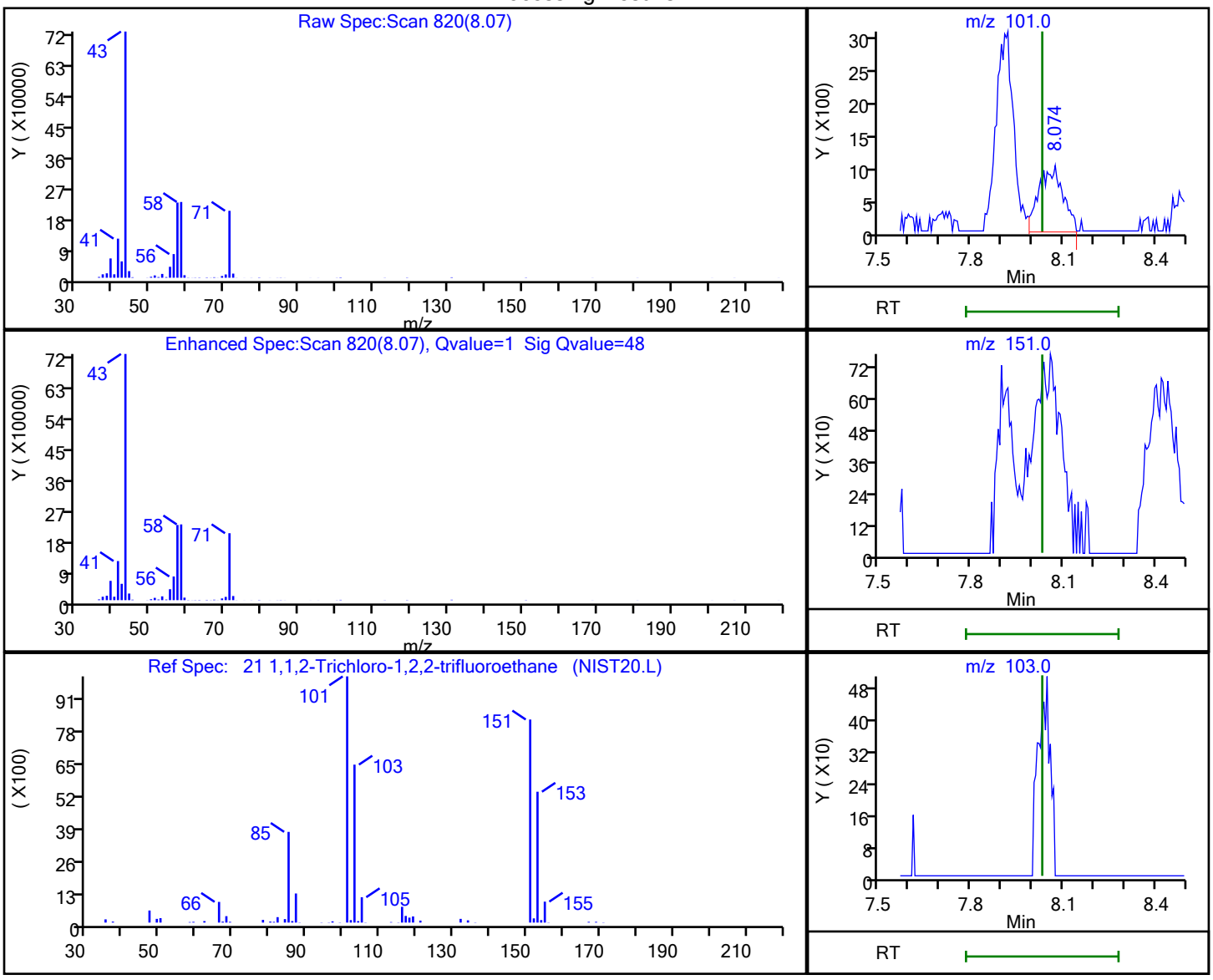
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
8.07	101.00	5315	0.082304
8.03	151.00	0	
8.03	103.00	0	

Reviewer: F7XK, 25-Jun-2025 10:15:01 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

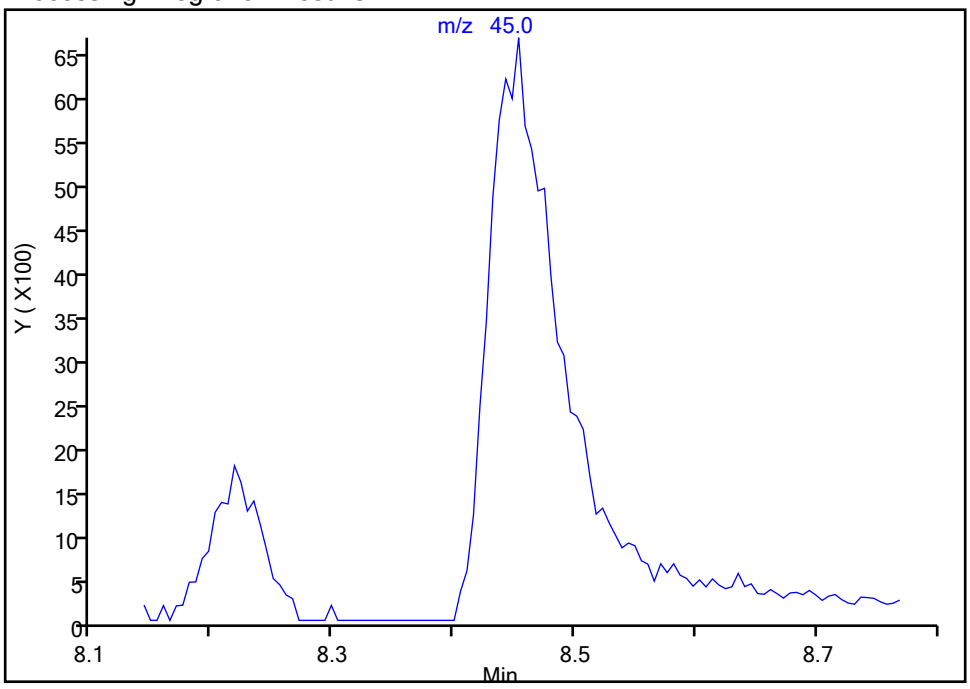
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

23 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

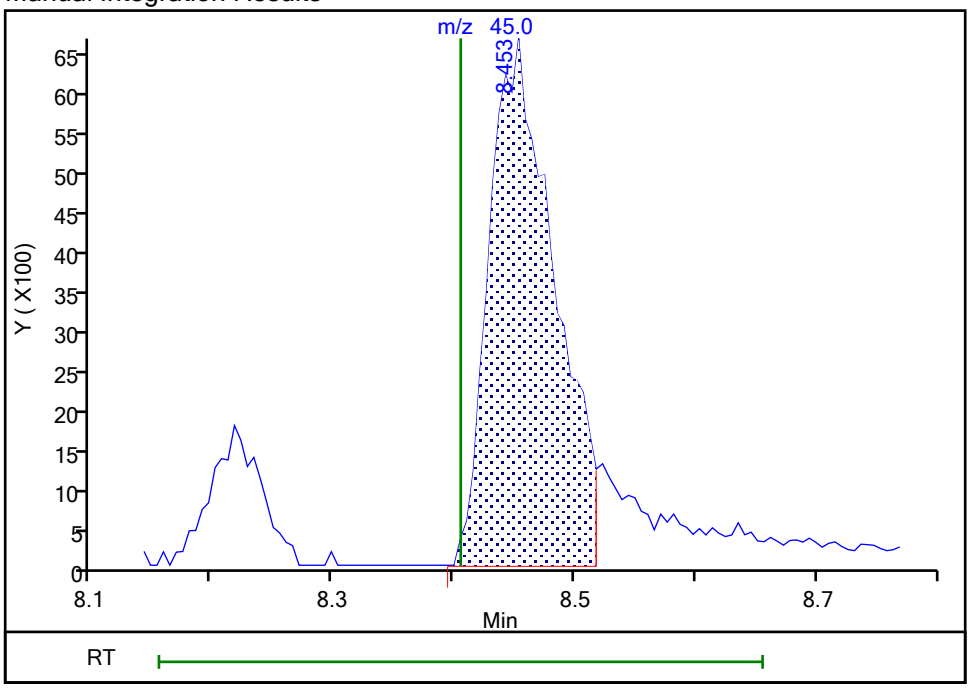
Not Detected
Expected RT: 8.41

Processing Integration Results



Manual Integration Results

RT: 8.45
Area: 25155
Amount: 0.673150
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 10:15:48 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

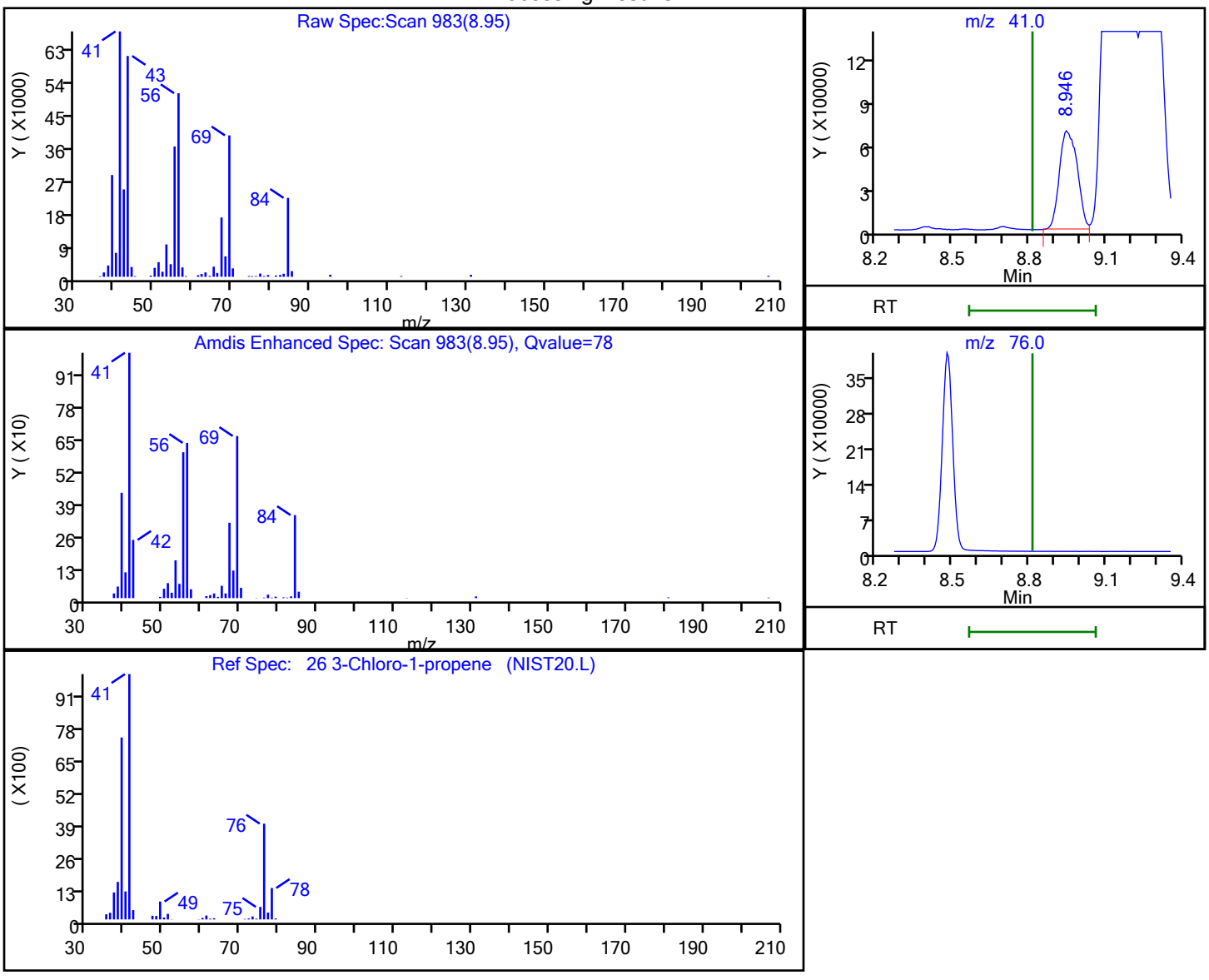
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
8.95	41.00	333919	10.680659
8.81	76.00	0	

Reviewer: F7XK, 25-Jun-2025 10:16:03 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

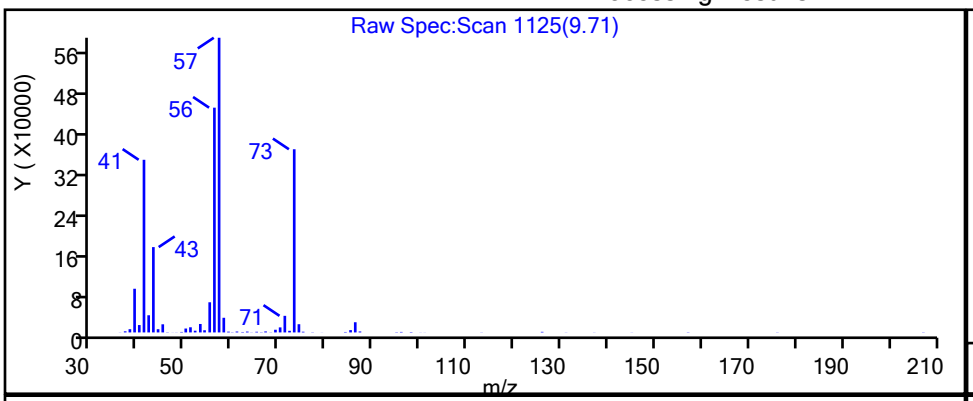
User Disabled Compound Report

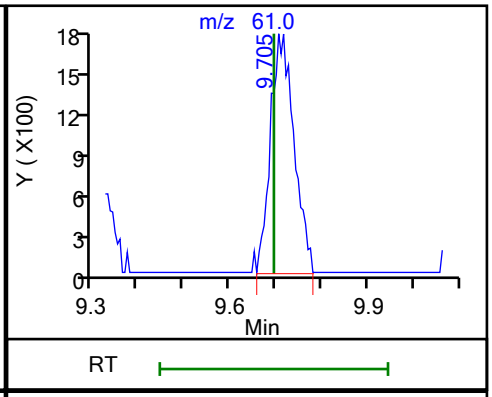
Eurofins Burlington

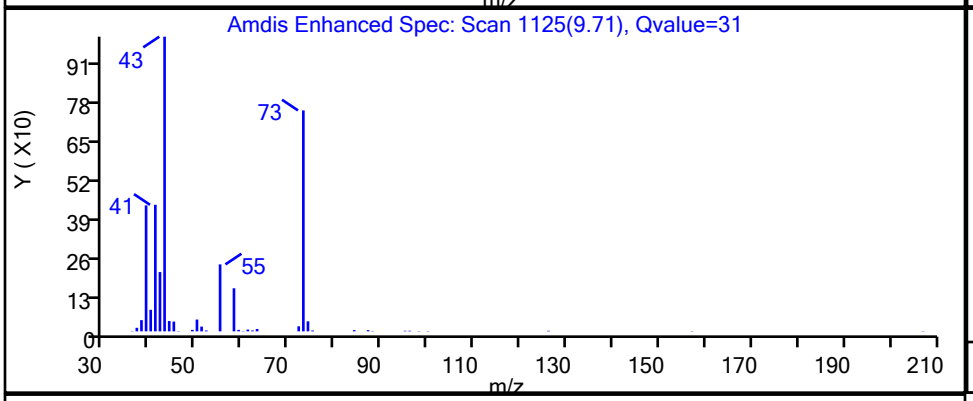
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

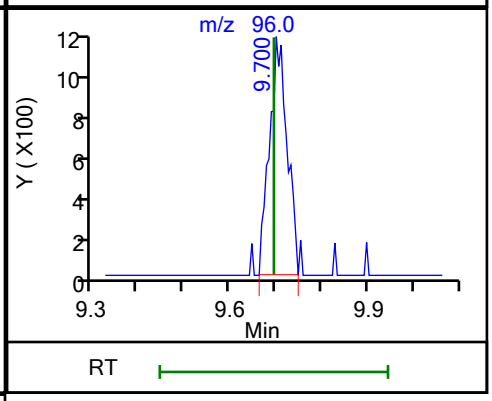
30 trans-1,2-Dichloroethene, CAS: 156-60-5

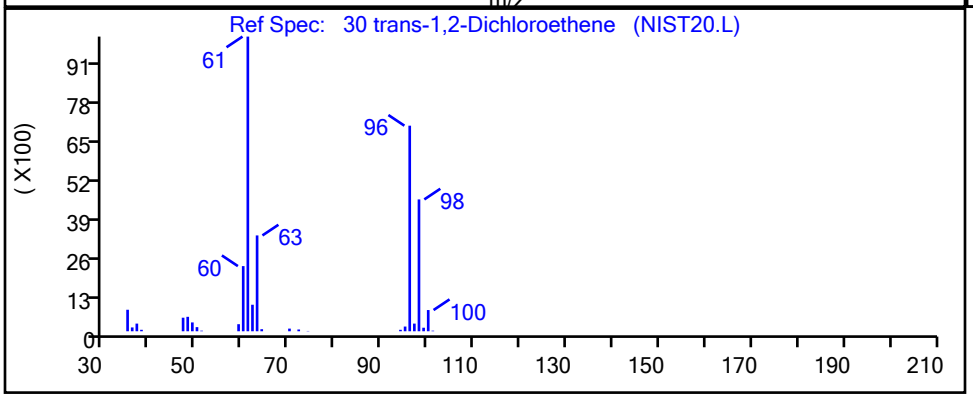
Processing Results











RT	Mass	Response	Amount
9.71	61.00	6332	0.155772
9.70	96.00	3089	

Reviewer: F7XK, 25-Jun-2025 10:16:32 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

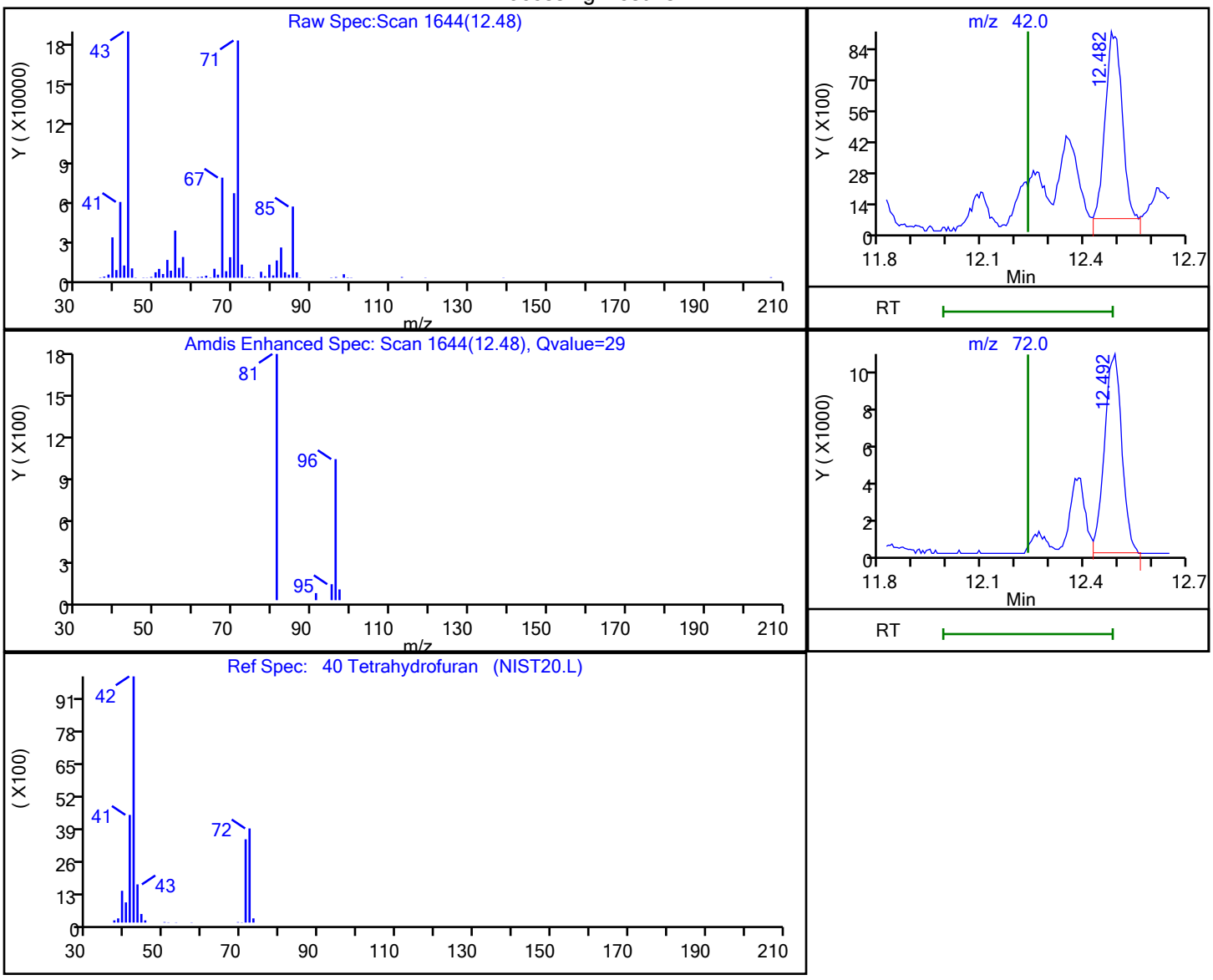
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
12.48	42.00	28754	0.974536
12.49	72.00	36498	

Reviewer: F7XK, 25-Jun-2025 10:17:08 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

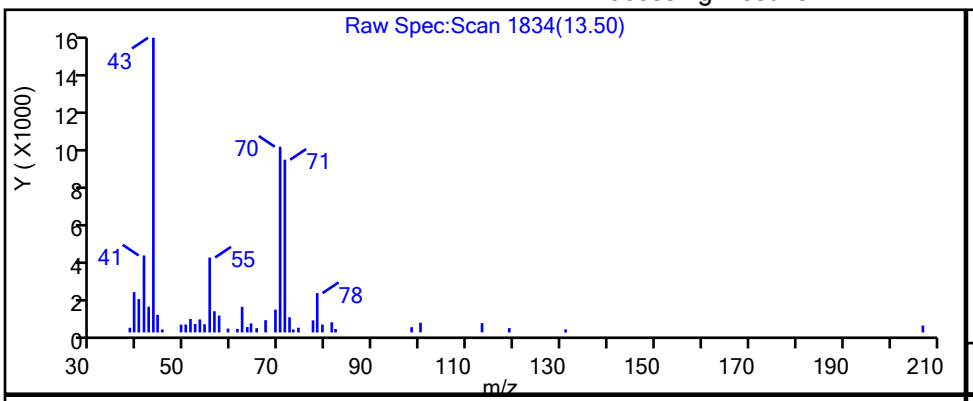
User Disabled Compound Report

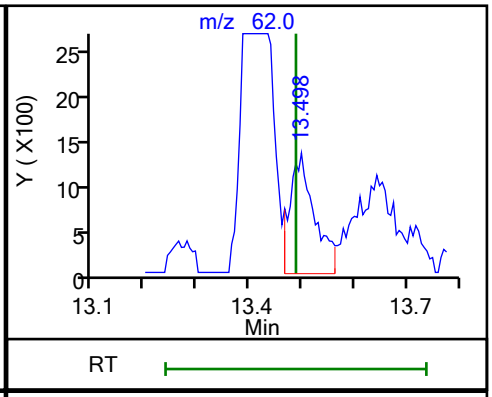
Eurofins Burlington

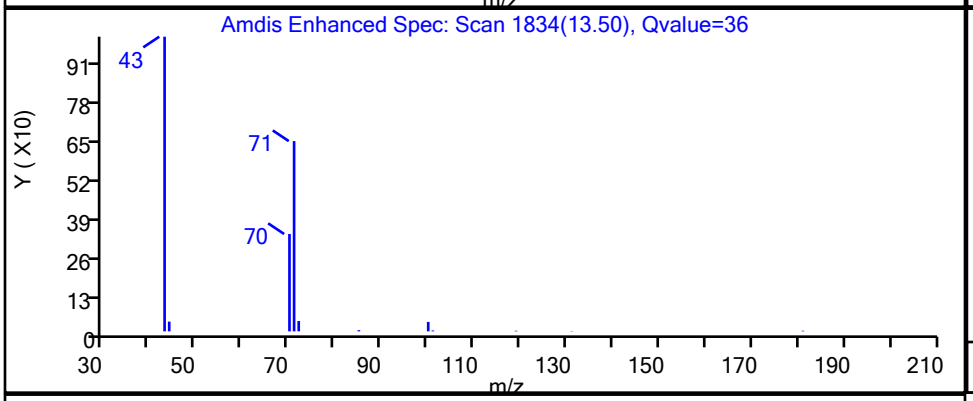
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

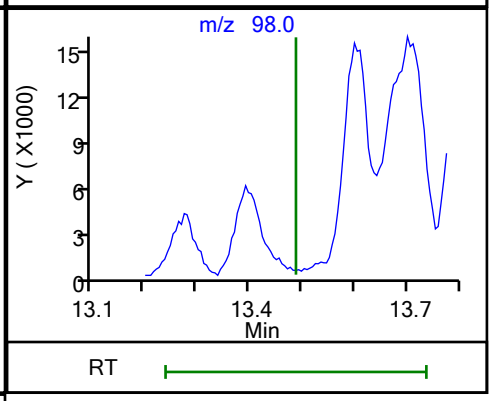
46 1,2-Dichloroethane, CAS: 107-06-2

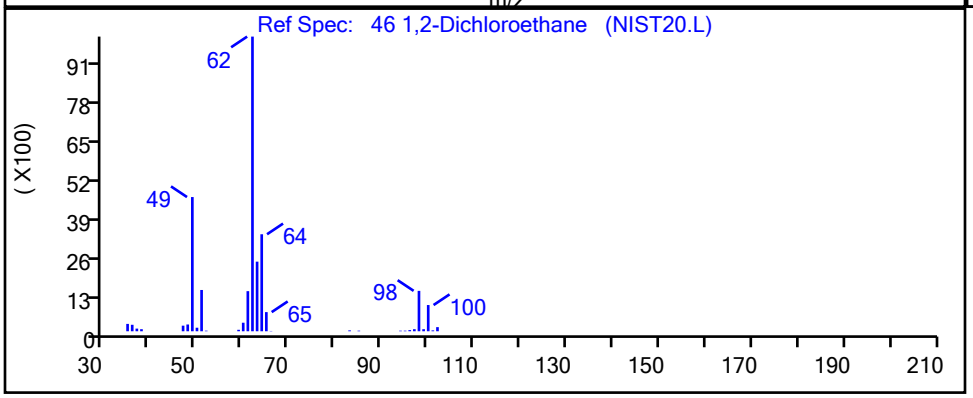
Processing Results











RT	Mass	Response	Amount
13.50	62.00	4364	0.123068
13.49	98.00	0	

Reviewer: F7XK, 25-Jun-2025 10:17:50 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

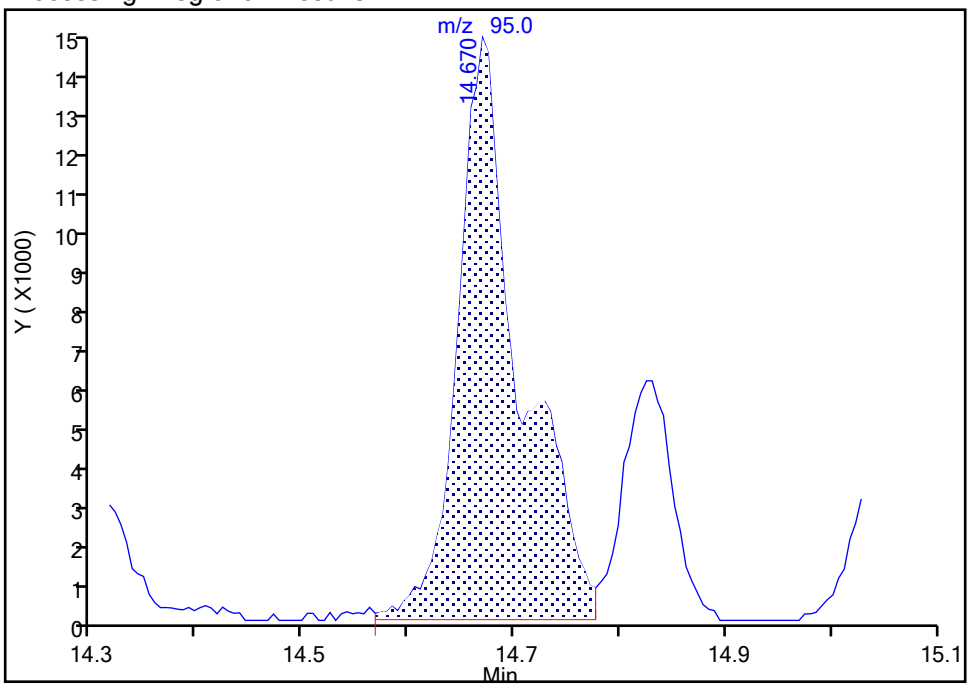
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

51 Trichloroethene, CAS: 79-01-6

Signal: 1

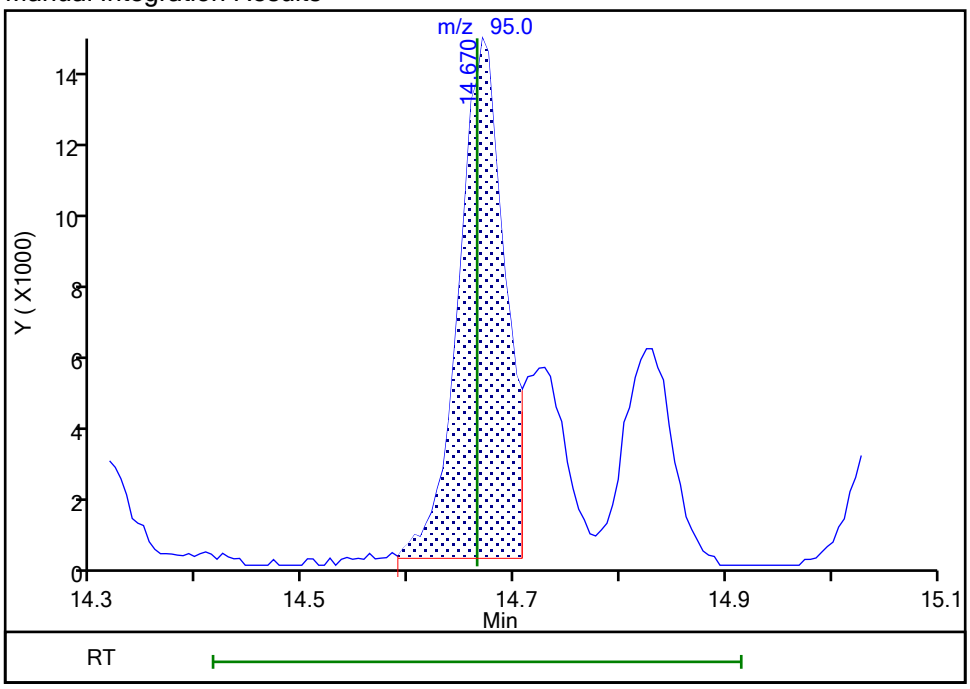
Processing Integration Results

RT: 14.67
Area: 60517
Amount: 1.326183
Amount Units: ppb v/v



Manual Integration Results

RT: 14.67
Area: 44475
Amount: 0.974635
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 10:18:09 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

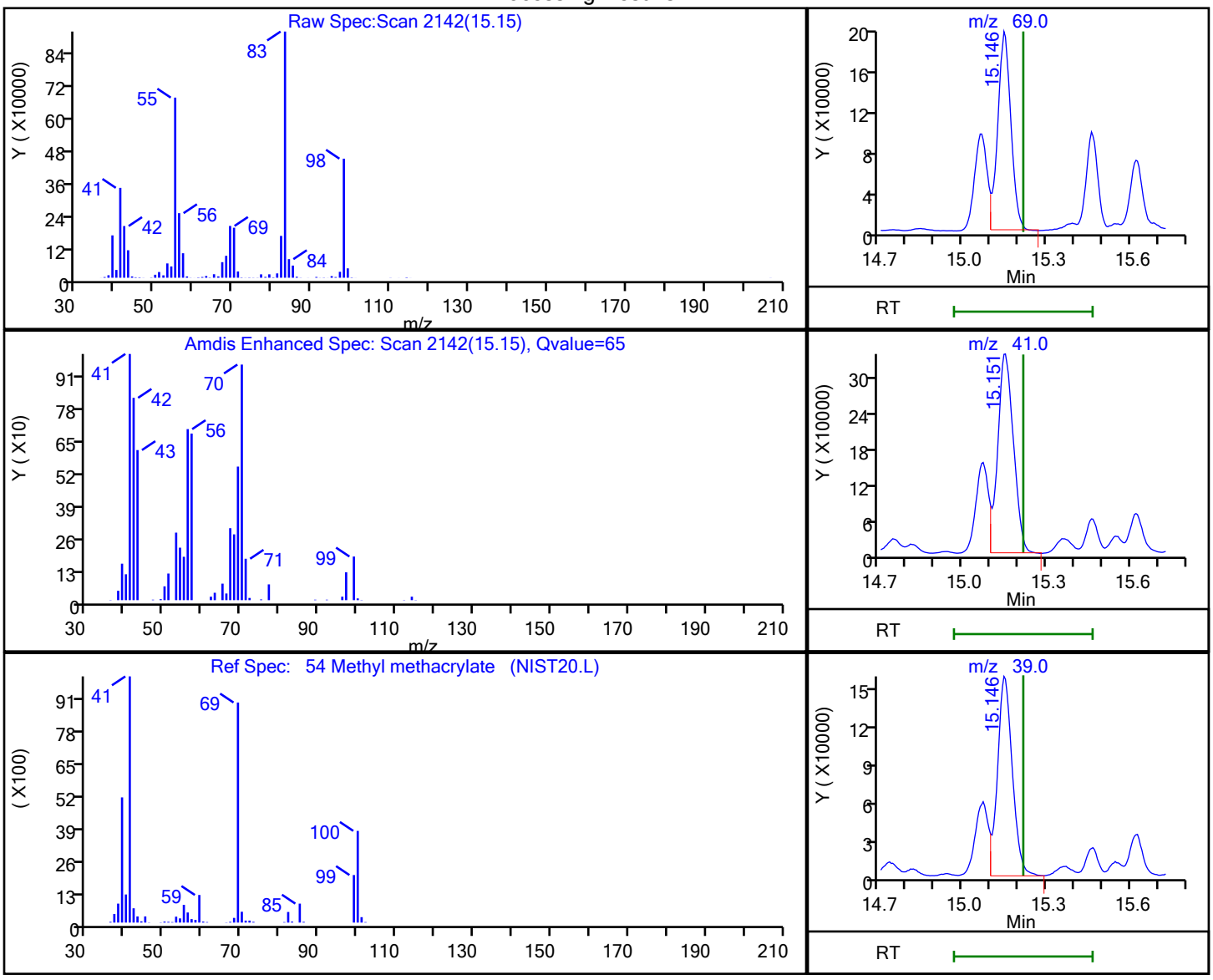
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

54 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
15.15	69.00	638262	19.384958
15.15	41.00	1330914	
15.15	39.00	584671	

Reviewer: F7XK, 25-Jun-2025 10:18:32 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

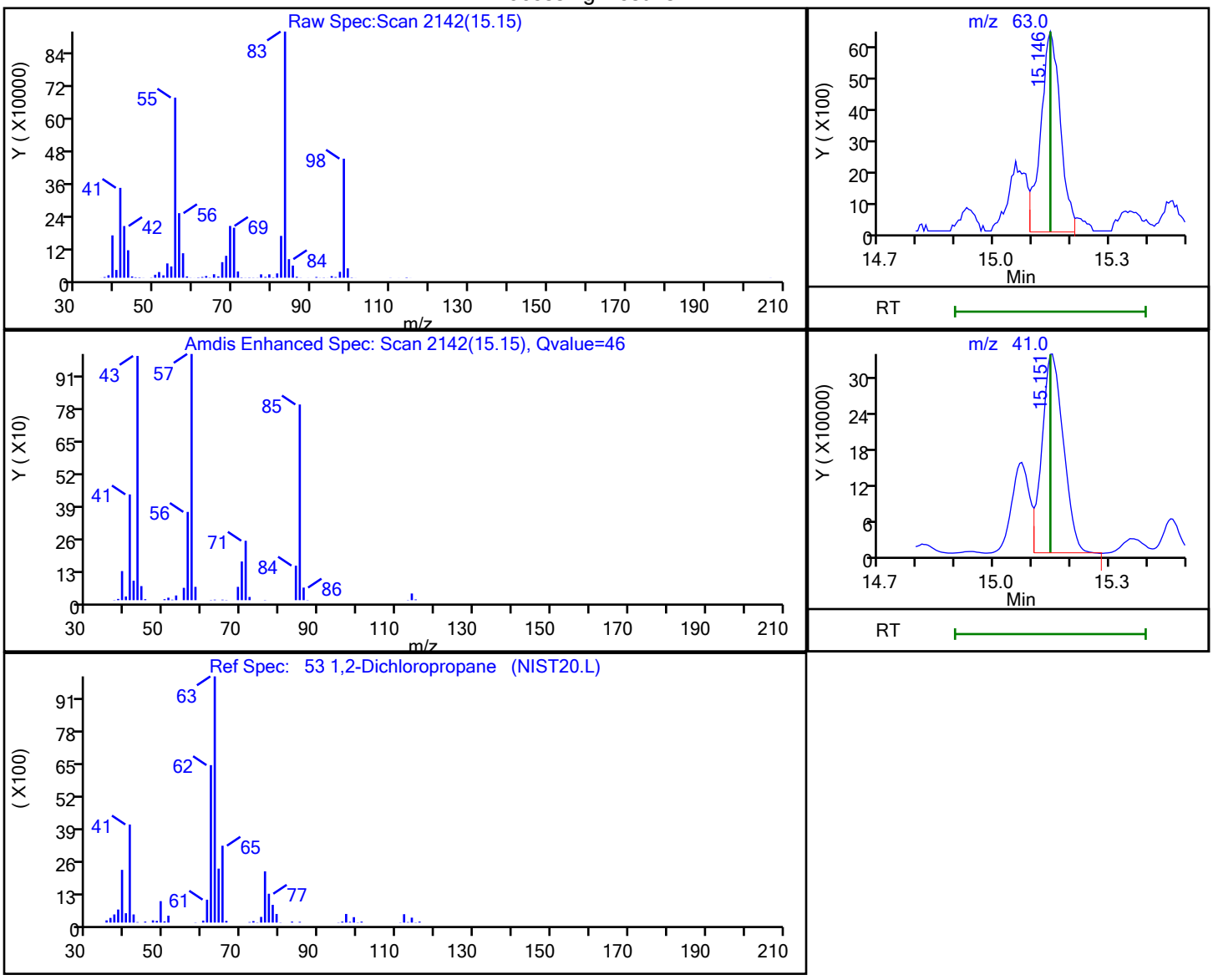
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
15.15	63.00	22824	0.629700
15.15	41.00	1305573	

Reviewer: F7XK, 25-Jun-2025 10:18:28 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

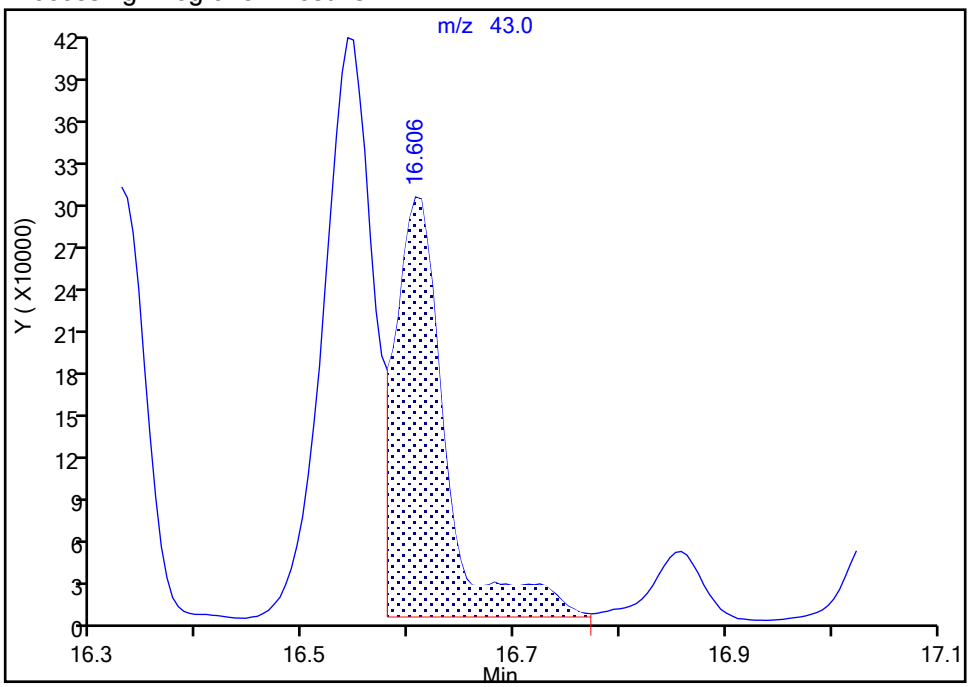
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Signal: 1

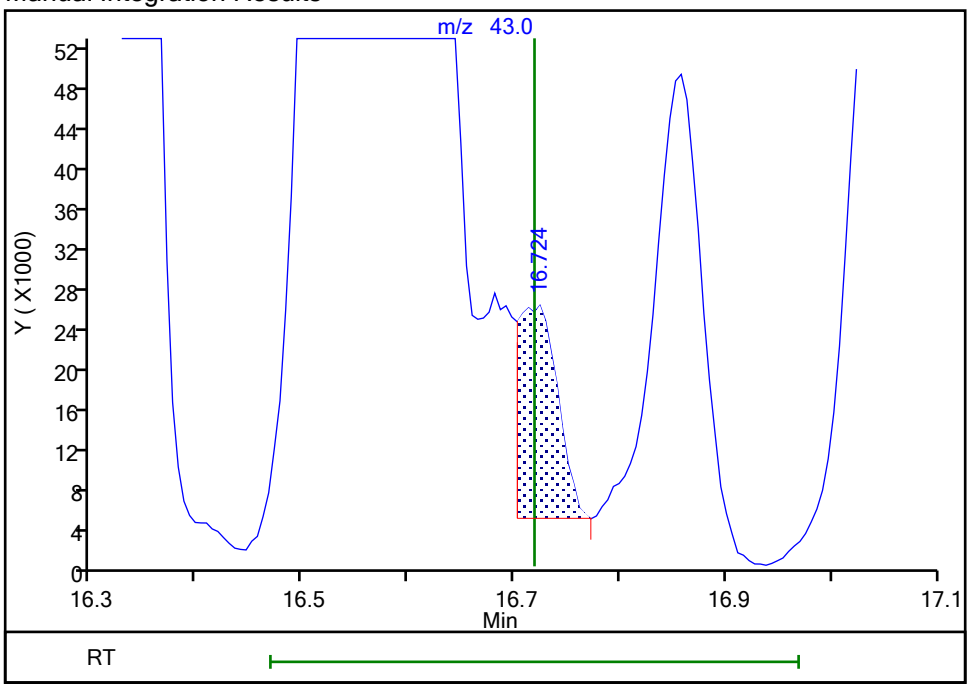
Processing Integration Results

RT: 16.61
Area: 1007737
Amount: 17.463607
Amount Units: ppb v/v



Manual Integration Results

RT: 16.72
Area: 54497
Amount: 0.944407
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 10:18:55 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

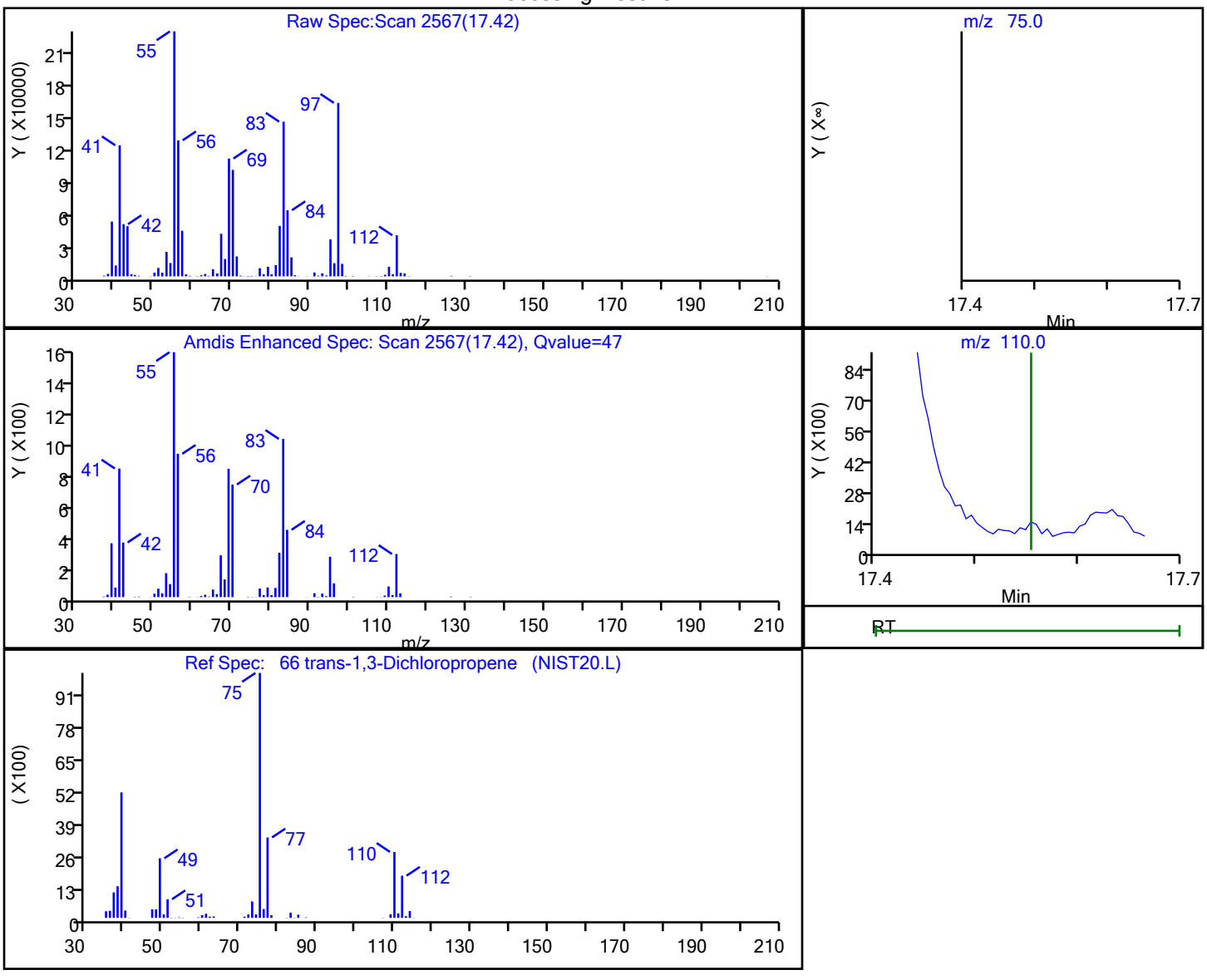
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

66 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
17.42	75.00	653	0.014866
17.42	110.00	36645	

Reviewer: F7XK, 25-Jun-2025 10:19:09 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

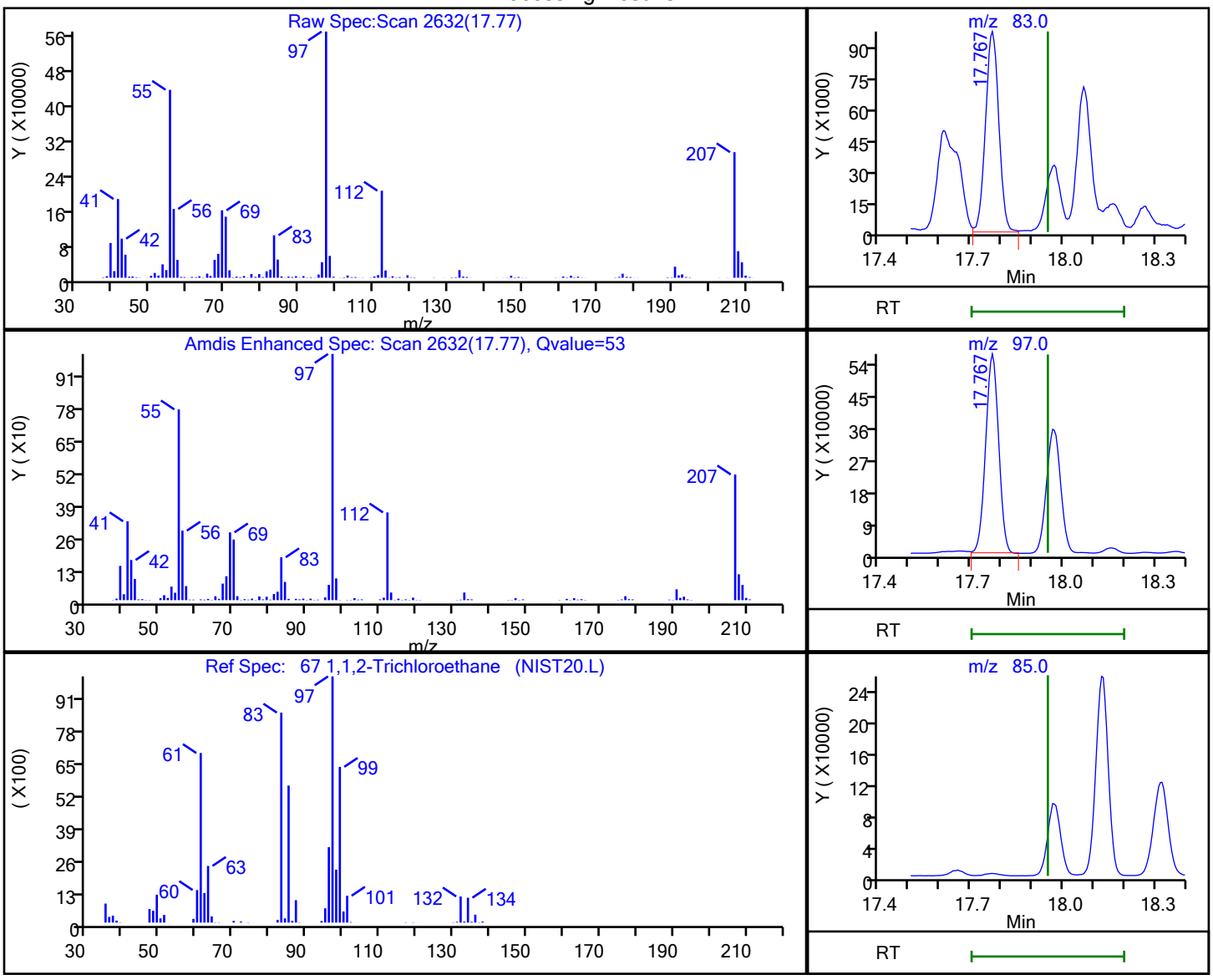
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	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
17.77	83.00	290559	7.928996
17.77	97.00	1676362	
17.95	85.00	0	

Reviewer: F7XK, 25-Jun-2025 10:19:16 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

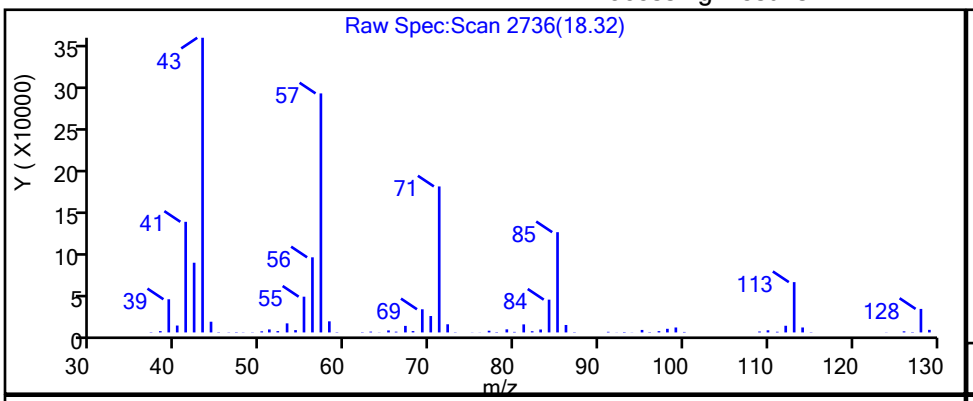
User Disabled Compound Report

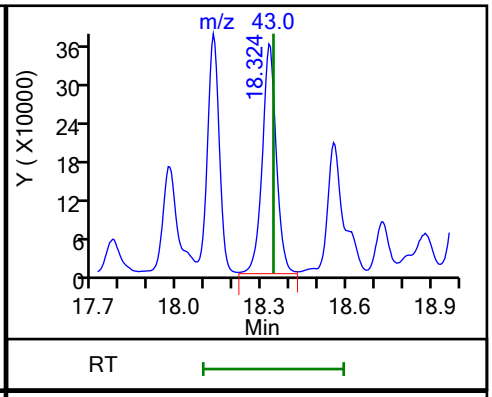
Eurofins Burlington

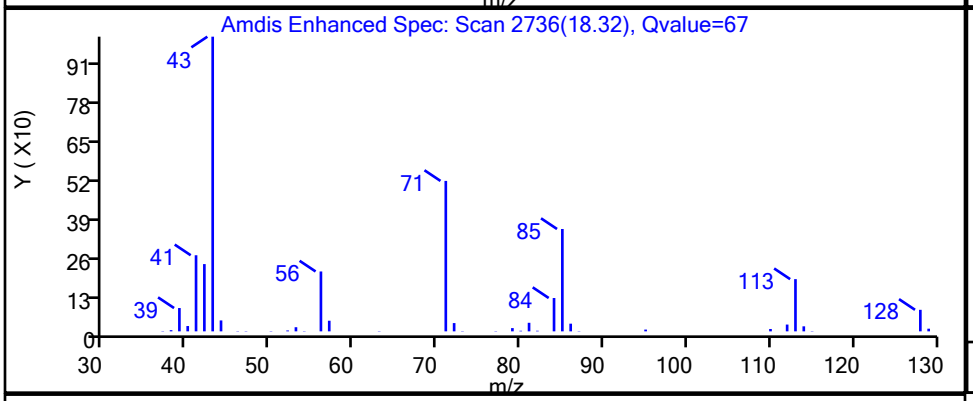
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

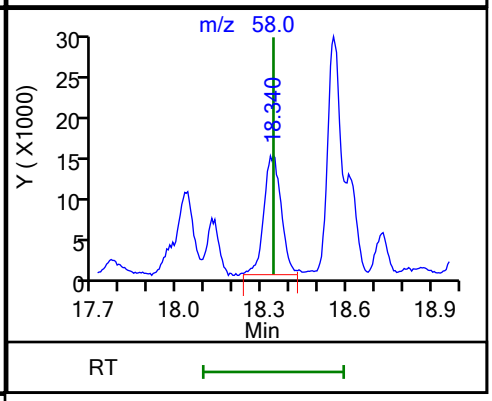
69 2-Hexanone, CAS: 591-78-6

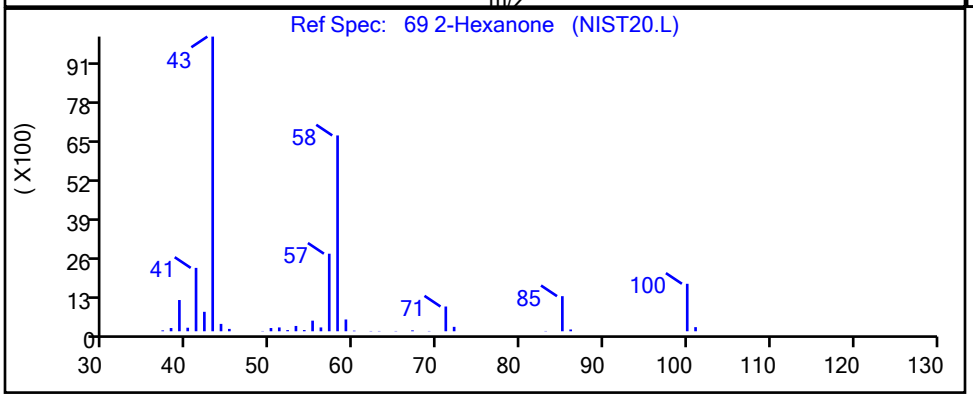
Processing Results











RT	Mass	Response	Amount
18.32	43.00	1213551	21.236422
18.34	58.00	60776	

Reviewer: F7XK, 25-Jun-2025 10:19:45 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

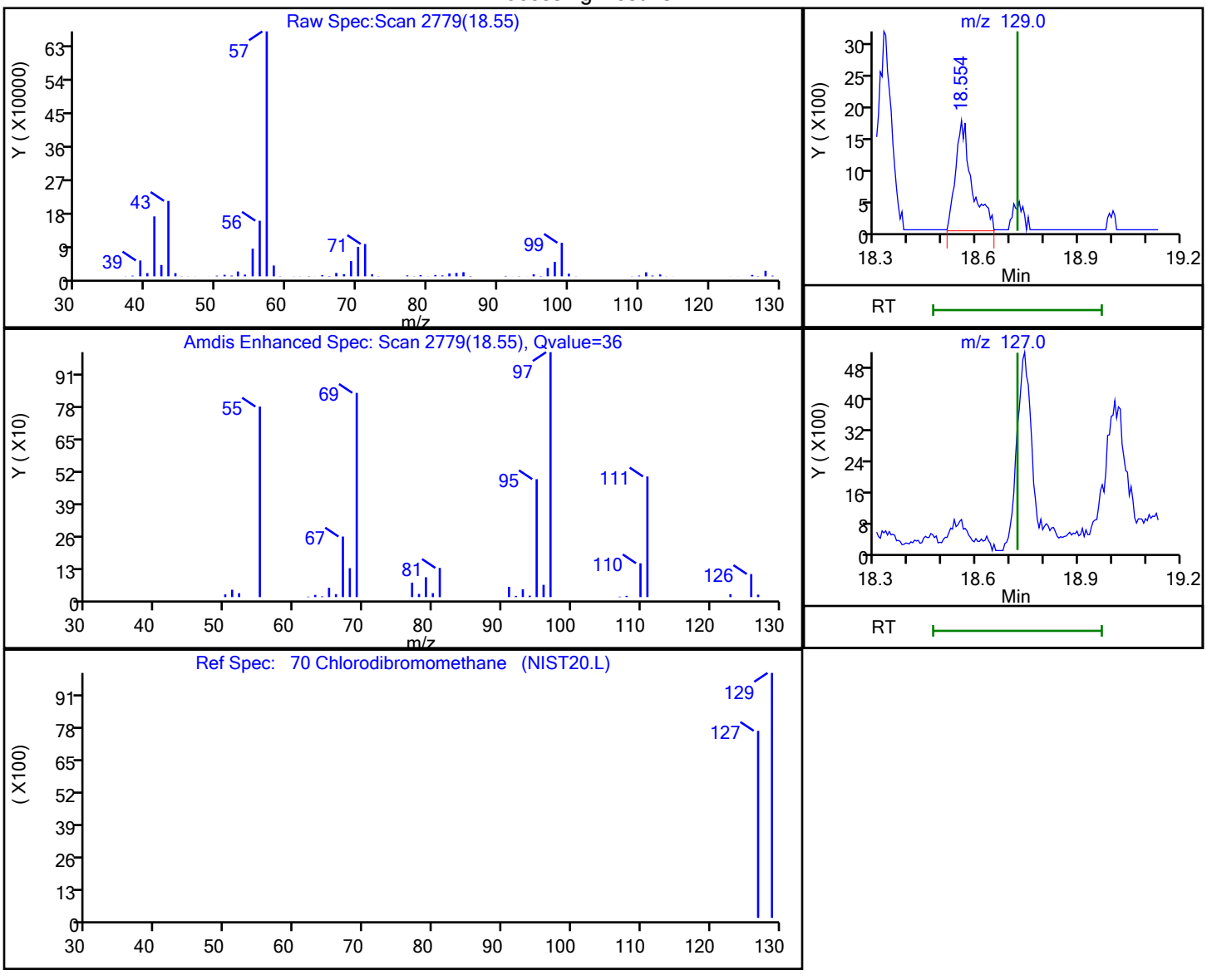
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

70 Chlorodibromomethane, CAS: 124-48-1

Processing Results



RT	Mass	Response	Amount
18.55	129.00	5729	0.076050
18.72	127.00	0	

Reviewer: F7XK, 25-Jun-2025 10:19:48 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

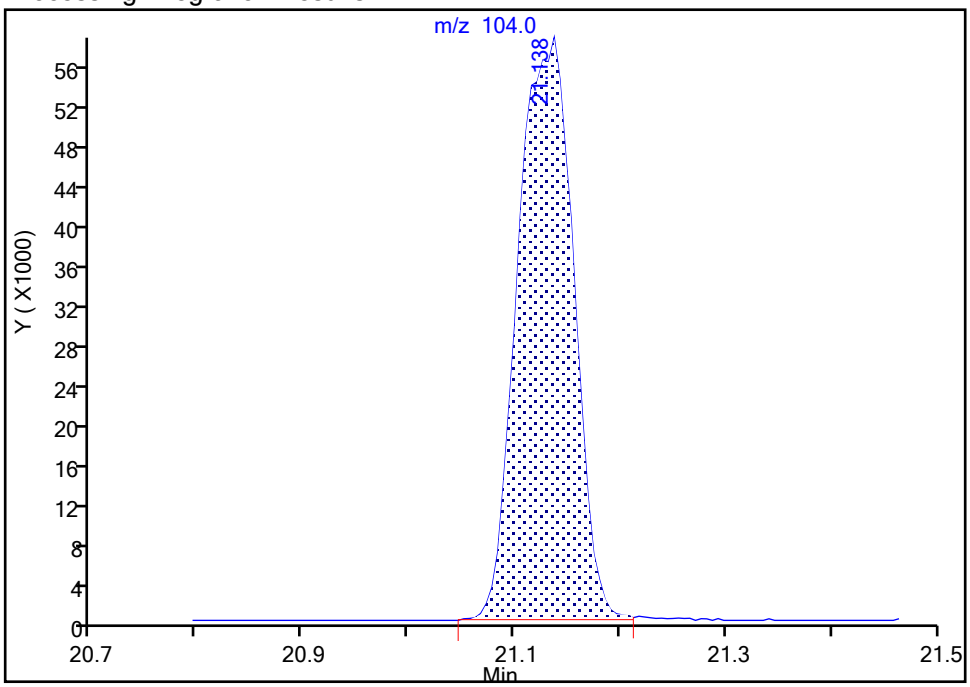
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

79 Styrene, CAS: 100-42-5

Signal: 1

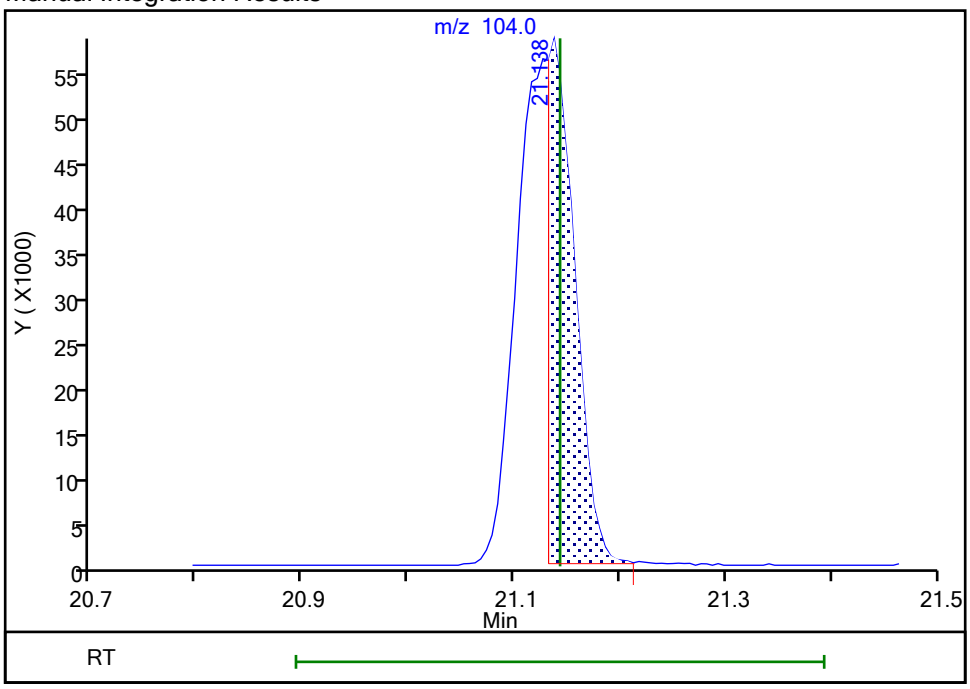
Processing Integration Results

RT: 21.14
Area: 214585
Amount: 2.232054
Amount Units: ppb v/v



Manual Integration Results

RT: 21.14
Area: 106886
Amount: 1.111799
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 10:20:28 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

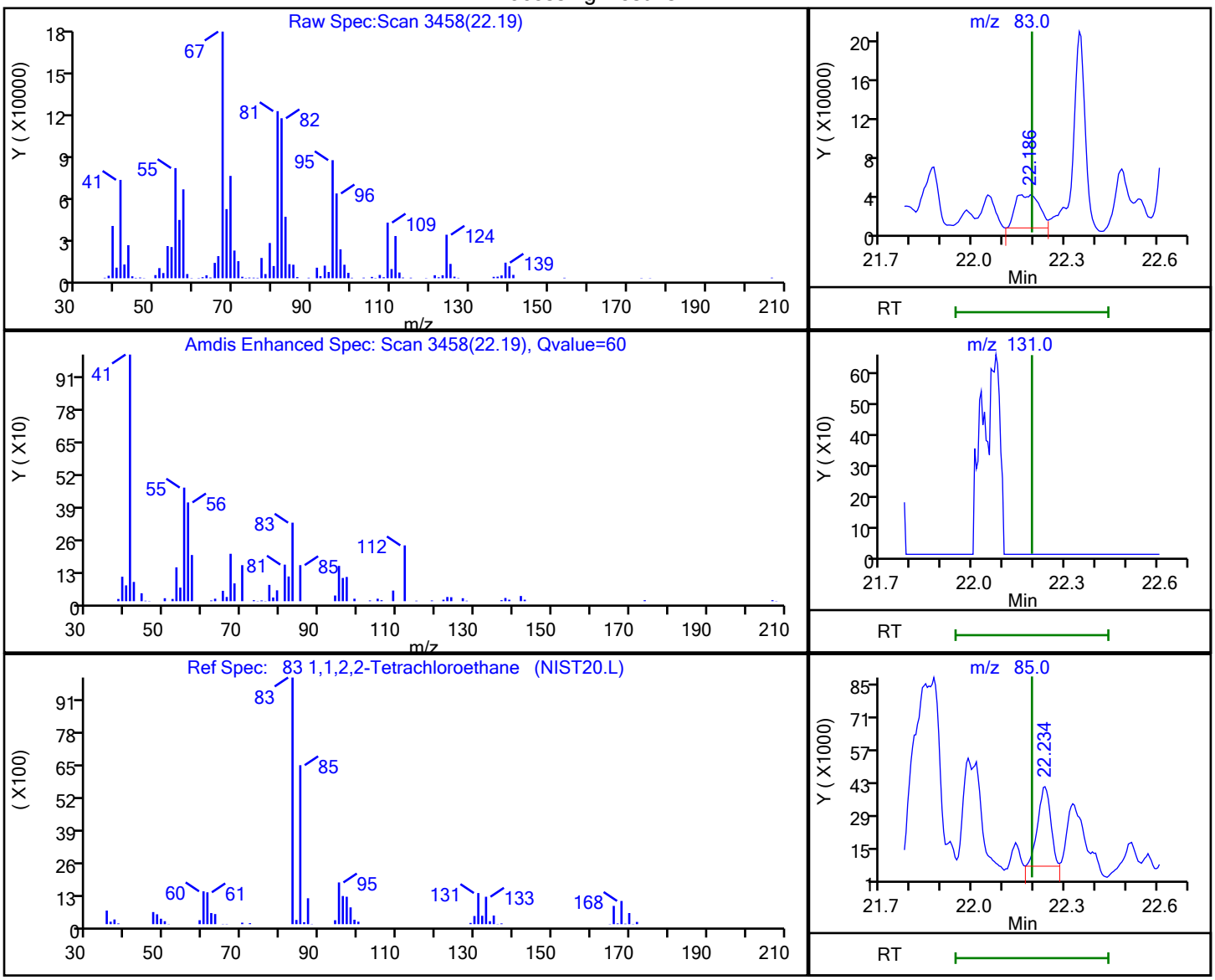
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

83 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
22.19	83.00	185860	1.886596
22.19	131.00	0	
22.23	85.00	99917	

Reviewer: F7XK, 25-Jun-2025 10:20:45 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

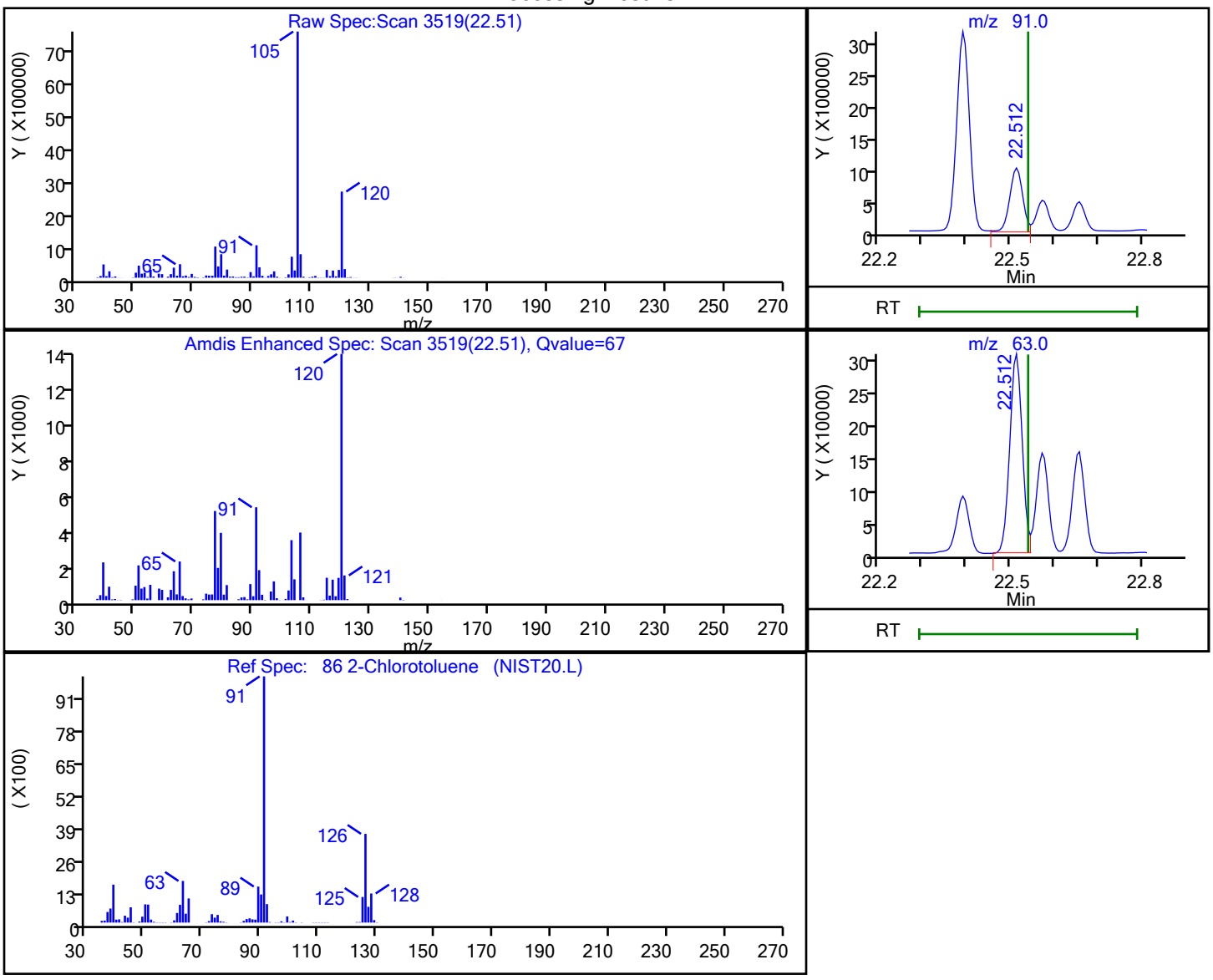
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

86 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
22.51	91.00	2016492	13.176414
22.51	63.00	617225	

Reviewer: F7XK, 25-Jun-2025 10:20:52 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

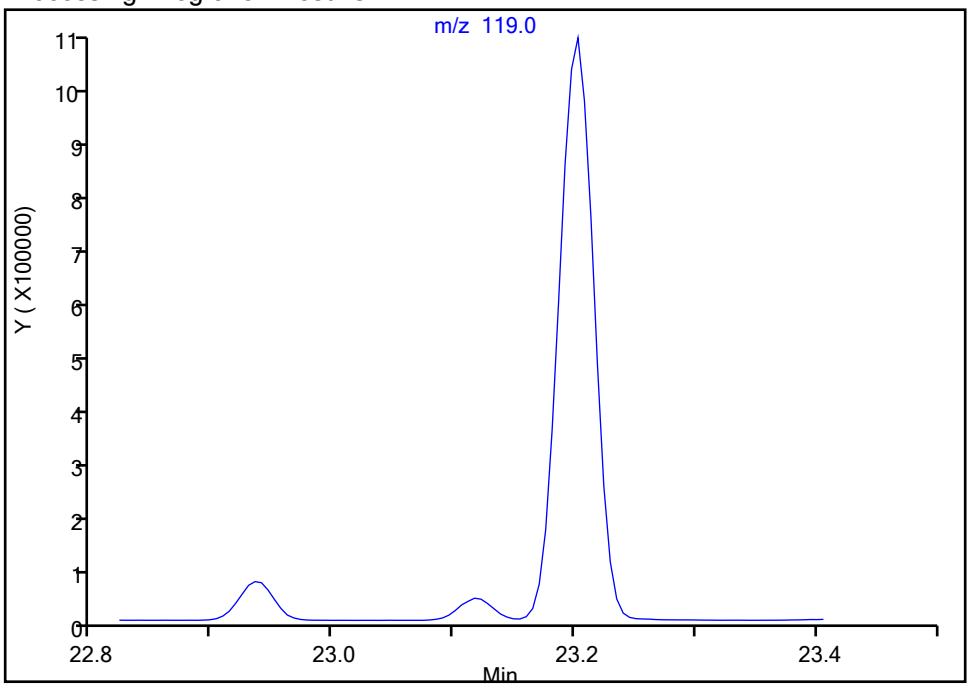
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Signal: 1

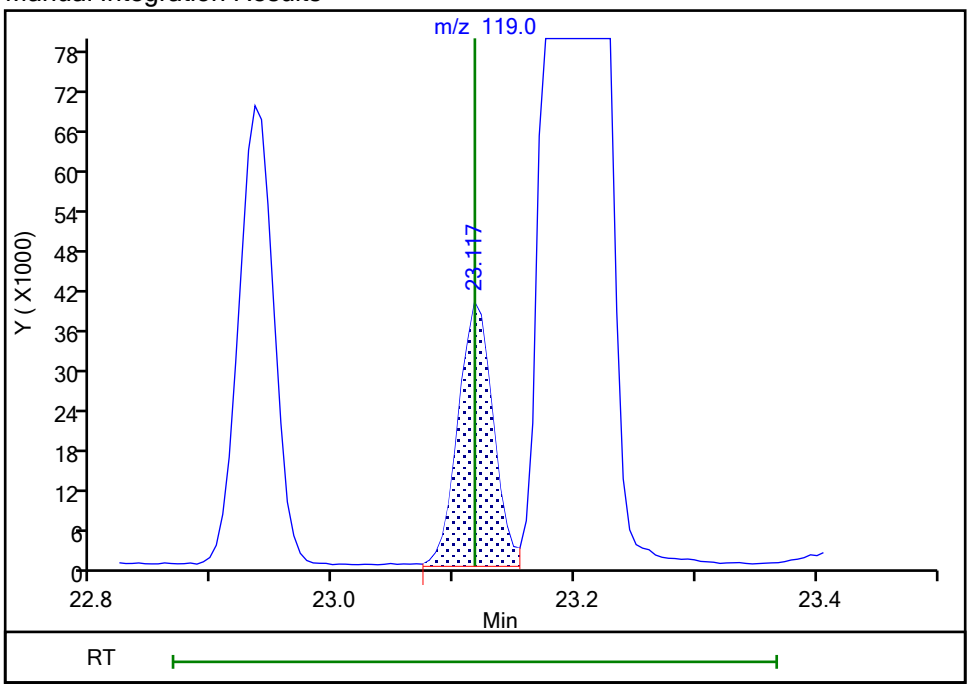
Not Detected
Expected RT: 23.12

Processing Integration Results



Manual Integration Results

RT: 23.12
Area: 79717
Amount: 0.532457
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 10:21:11 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

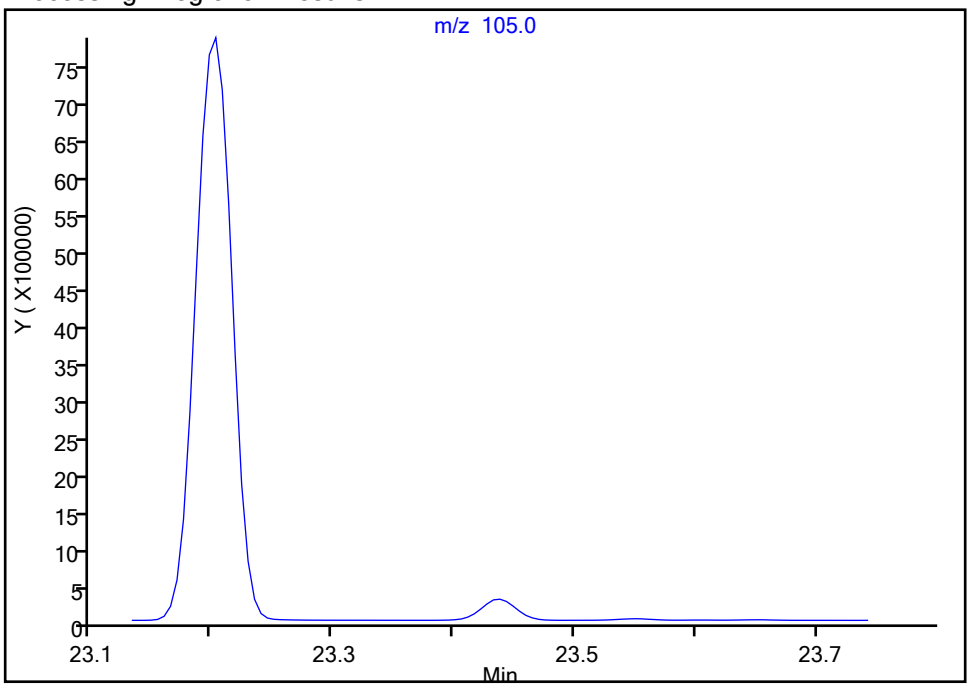
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

93 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

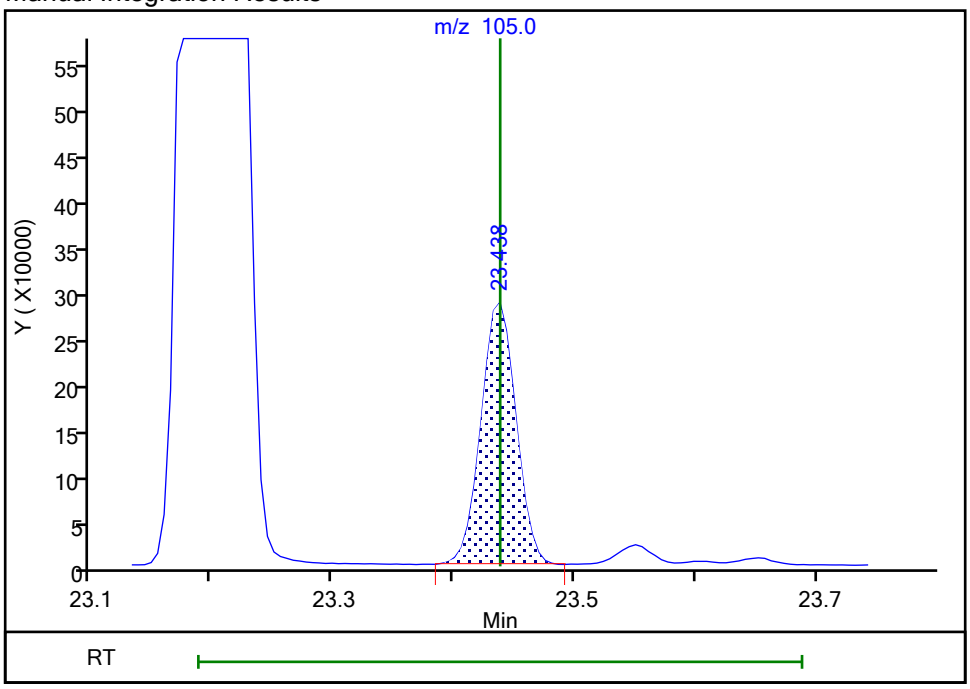
Not Detected
Expected RT: 23.44

Processing Integration Results



Manual Integration Results

RT: 23.44
Area: 571189
Amount: 2.544166
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 10:21:34 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

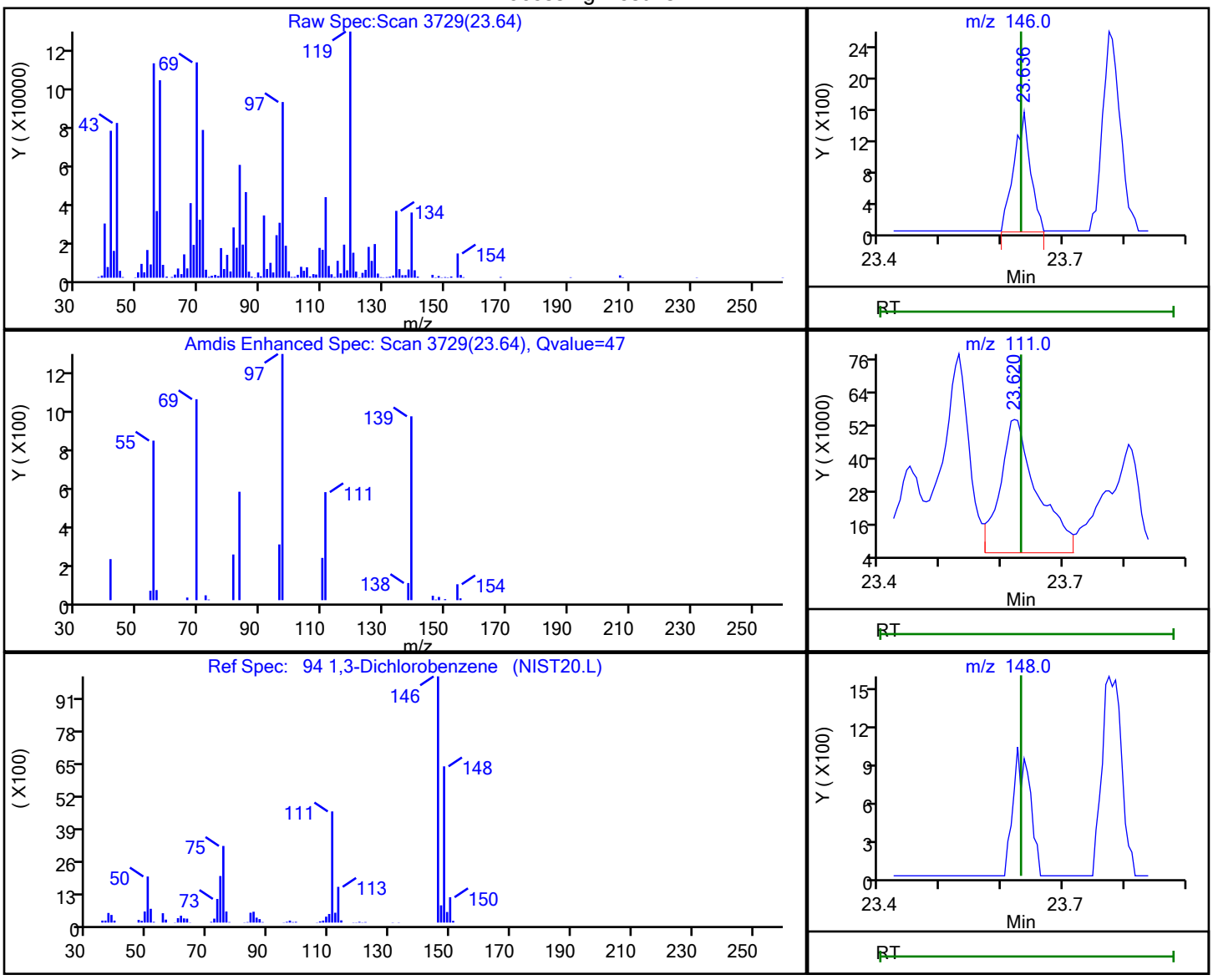
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	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
23.64	146.00	2845	0.024242
23.62	111.00	208912	
23.63	148.00	0	

Reviewer: F7XK, 25-Jun-2025 10:21:42 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

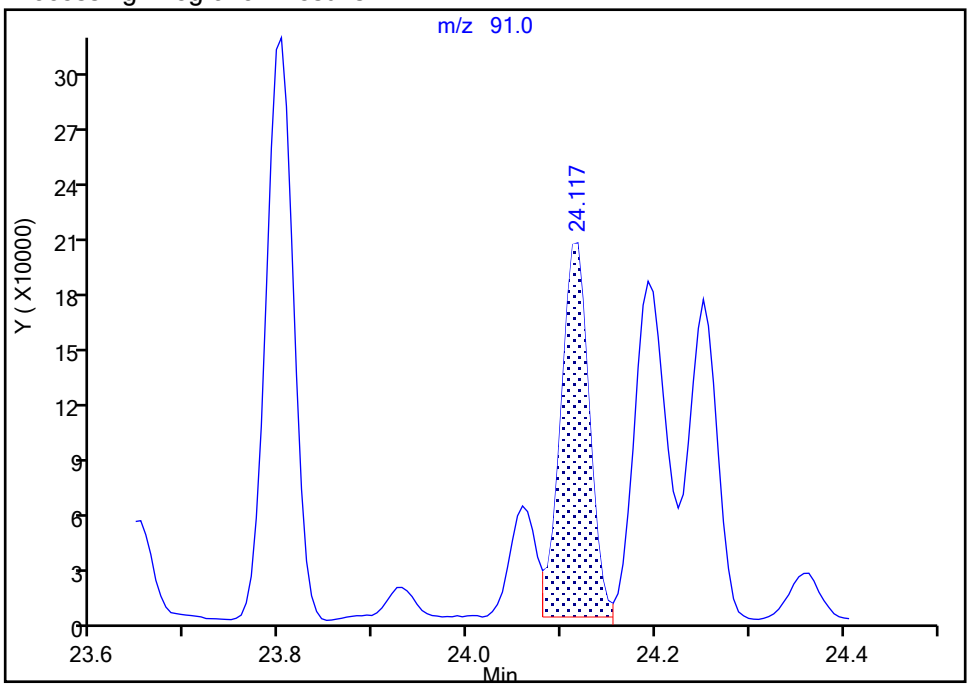
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-08.d				
Injection Date:	24-Jun-2025 16:28:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

97 Benzyl chloride, CAS: 100-44-7

Signal: 1

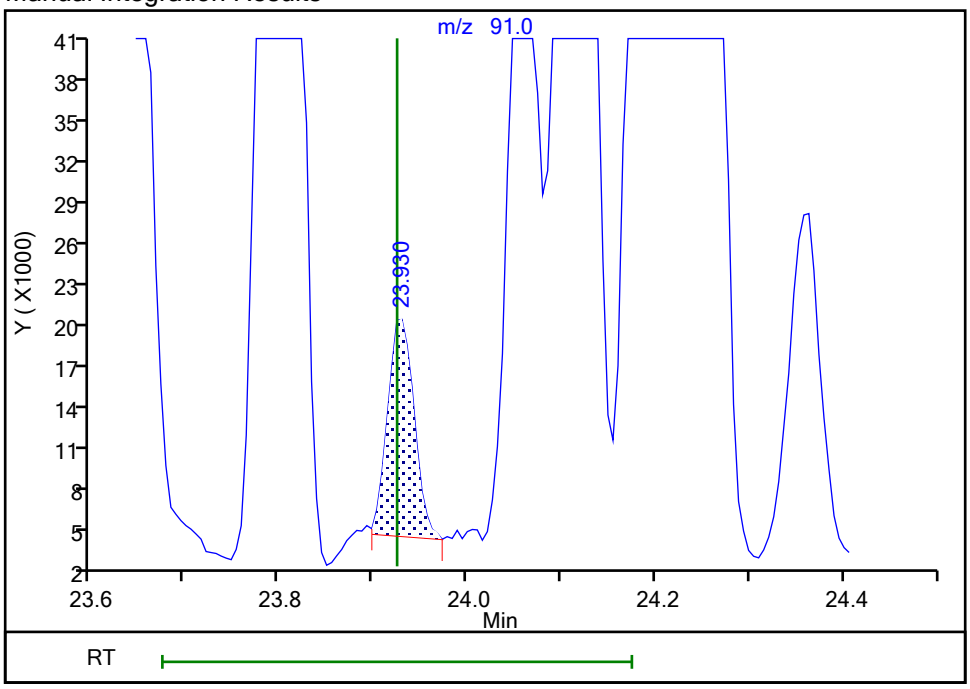
Processing Integration Results

RT: 24.12
Area: 426445
Amount: 3.262475
Amount Units: ppb v/v



Manual Integration Results

RT: 23.93
Area: 30822
Amount: 0.235801
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 10:22:04 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-04 DL Lab Sample ID: 200-78438-1 DL

Matrix: Air Lab File ID: 65709-09.d

Analysis Method: TO-15 Date Collected: 06/20/2025 12:45

Sample wt/vol: 16(mL) Date Analyzed: 06/24/2025 17:23

Soil Aliquot Vol: Dilution Factor: 12.5

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.: 217778 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-45-6	Chlorodifluoromethane	86.47	470	D	22	16
106-97-8	n-Butane	58.12	990	D	15	9.2
67-64-1	Acetone	58.08	210	D	150	56
622-96-8	4-Ethyltoluene	120.20	250	D	12	4.2
108-67-8	1,3,5-Trimethylbenzene	120.20	300	D	12	4.2
95-63-6	1,2,4-Trimethylbenzene	120.20	580	D	12	5.0

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-04 DL Lab Sample ID: 200-78438-1 DL

Matrix: Air Lab File ID: 65709-09.d

Analysis Method: TO-15 Date Collected: 06/20/2025 12:45

Sample wt/vol: 16(mL) Date Analyzed: 06/24/2025 17:23

Soil Aliquot Vol: Dilution Factor: 12.5

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.: 217778 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-45-6	Chlorodifluoromethane	86.47	130	D	6.3	4.5
106-97-8	n-Butane	58.12	410	D	6.3	3.9
67-64-1	Acetone	58.08	86	D	63	24
622-96-8	4-Ethyltoluene	120.20	51	D	2.5	0.85
108-67-8	1,3,5-Trimethylbenzene	120.20	60	D	2.5	0.85
95-63-6	1,2,4-Trimethylbenzene	120.20	120	D	2.5	1.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-09.d
Lims ID: 200-78438-A-1 DL
Client ID: RXSV-04
Sample Type: Client
Inject. Date: 24-Jun-2025 17:23:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 12.5000
Sample Info: 200-0065709-009
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 25-Jun-2025 10:31:05 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1688

First Level Reviewer: F7XK Date: 25-Jun-2025 10:31:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.201	4.201	-0.001	99	165874	2.77	
3 Chlorodifluoromethane	51	4.243	4.238	0.005	97	370570	10.7	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.543	4.538	0.005	65	35069	0.5195	
5 Chloromethane	50	4.661	4.661	0.011	24	1231	0.0586	M
6 Vinyl chloride	62		4.949				ND	MU
7 Butane	43	4.960	4.949	0.011	99	842148	33.2	
8 Butadiene	54	5.067	5.062	0.005	89	2388	0.1642	
9 Bromomethane	94		5.805				ND	
10 Chloroethane	64	6.105	6.105	0.005	18	1710	0.1207	M
13 Vinyl bromide	106		6.570				ND	
14 Trichlorofluoromethane	101		6.752				ND	MU
20 1,1-Dichloroethene	96	7.988	7.988	0.000	1	623	0.0227	M
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.031				ND	
22 Acetone	43	8.090	8.063	0.027	98	221799	6.91	
23 Isopropyl alcohol	45		8.405				ND	
24 Carbon disulfide	76	8.480	8.475	0.005	99	78502	1.01	
26 3-Chloro-1-propene	41		8.812				ND	MU
27 Methylene Chloride	49	9.101	9.101	0.011	64	2620	0.0919	M
28 2-Methyl-2-propanol	59	9.368	9.320	0.048	92	13697	0.2992	
31 Methyl tert-butyl ether	73	9.716	9.695	0.021	90	85917	1.28	
30 trans-1,2-Dichloroethene	61		9.695				ND	
32 Hexane	57	10.305	10.299	0.005	90	109984	2.87	
33 1,1-Dichloroethane	63	10.599	10.593	0.006	100	97153	1.98	
36 2-Butanone (MEK)	72		11.685				ND	MU
37 cis-1,2-Dichloroethene	96	11.744	11.744	0.016	1	1108	0.0368	M
* 39 Chlorobromomethane	128	12.193	12.188	0.005	88	216629	10.0	
40 Tetrahydrofuran	42		12.236				ND	MU
41 Chloroform	83	12.386	12.380	0.006	96	167917	3.05	
42 1,1,1-Trichloroethane	97	12.733	12.728	0.005	98	16228	0.2977	
43 Cyclohexane	84	12.894	12.894	0.000	97	77389	2.13	
44 Carbon tetrachloride	117		13.044				ND	
45 Benzene	78	13.413	13.413	0.000	95	201257	2.31	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
46 1,2-Dichloroethane	62		13.488				ND	
47 Isooctane	57	13.643	13.643	0.000	98	260353	2.07	
48 n-Heptane	43	13.974	13.969	0.005	91	54037	1.30	
* 49 1,4-Difluorobenzene	114	14.199	14.194	0.005	94	1089539	10.0	
51 Trichloroethene	95	14.670	14.670	0.005	89	3398	0.0833	
53 1,2-Dichloropropane	63		15.146				ND	MU
54 Methyl methacrylate	69		15.216				ND	MU
55 1,4-Dioxane	88		15.274				ND	
58 Dichlorobromomethane	83	15.627	15.627	-0.006	10	5746	0.0988	M
59 cis-1,3-Dichloropropene	75		16.473				ND	
61 4-Methyl-2-pentanone (MIBK)	43		16.719				ND	MU
62 Toluene	92	17.152	17.147	0.005	94	158702	2.52	
66 trans-1,3-Dichloropropene	75		17.553				ND	7
67 1,1,2-Trichloroethane	83		17.949				ND	MU
68 Tetrachloroethene	166	18.185	18.179	0.006	96	9539	0.1595	
69 2-Hexanone	43		18.340				ND	MU
70 Chlorodibromomethane	129		18.720				ND	
71 Ethylene Dibromide	107		18.976				ND	
* 73 Chlorobenzene-d5	117	19.907	19.907	0.000	85	1044535	10.0	
74 Chlorobenzene	112		19.966				ND	7
75 Ethylbenzene	91	20.153	20.148	0.005	98	148030	1.05	
76 m-Xylene & p-Xylene	106	20.394	20.405	-0.011	0	254651	4.55	
78 o-Xylene	106	21.111	21.111	0.000	99	156532	3.04	
79 Styrene	104		21.143				ND	MU
81 Bromoform	173		21.464				ND	
82 Isopropylbenzene	105	21.731	21.731	-0.001	98	113770	0.7376	
83 1,1,2,2-Tetrachloroethane	83		22.192				ND	MU
85 N-Propylbenzene	91	22.389	22.389	-0.001	99	440275	2.26	
86 2-Chlorotoluene	91		22.539				ND	MU
87 4-Ethyltoluene	105	22.571	22.571	0.000	99	649405	4.06	
88 1,3,5-Trimethylbenzene	105	22.652	22.652	0.000	94	651066	4.82	
91 tert-Butylbenzene	119		23.117				ND	MU
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	97	1266989	9.48	
93 sec-Butylbenzene	105	23.438	23.438	0.000	99	34798	0.1733	M
94 1,3-Dichlorobenzene	146		23.631				ND	7
95 4-Isopropyltoluene	119	23.652	23.652	0.000	98	30211	0.1763	
96 1,4-Dichlorobenzene	146		23.775				ND	7
97 Benzyl chloride	91		23.925				ND	MU
98 n-Butylbenzene	91	24.251	24.251	0.000	98	23083	0.1494	
99 1,2-Dichlorobenzene	146		24.310				ND	7
102 1,2,4-Trichlorobenzene	180	27.044	27.028	0.016	88	1948	0.0265	
103 Hexachlorobutadiene	225		27.295				ND	7
104 Naphthalene	128	27.595	27.579	0.016	98	10107	0.0719	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

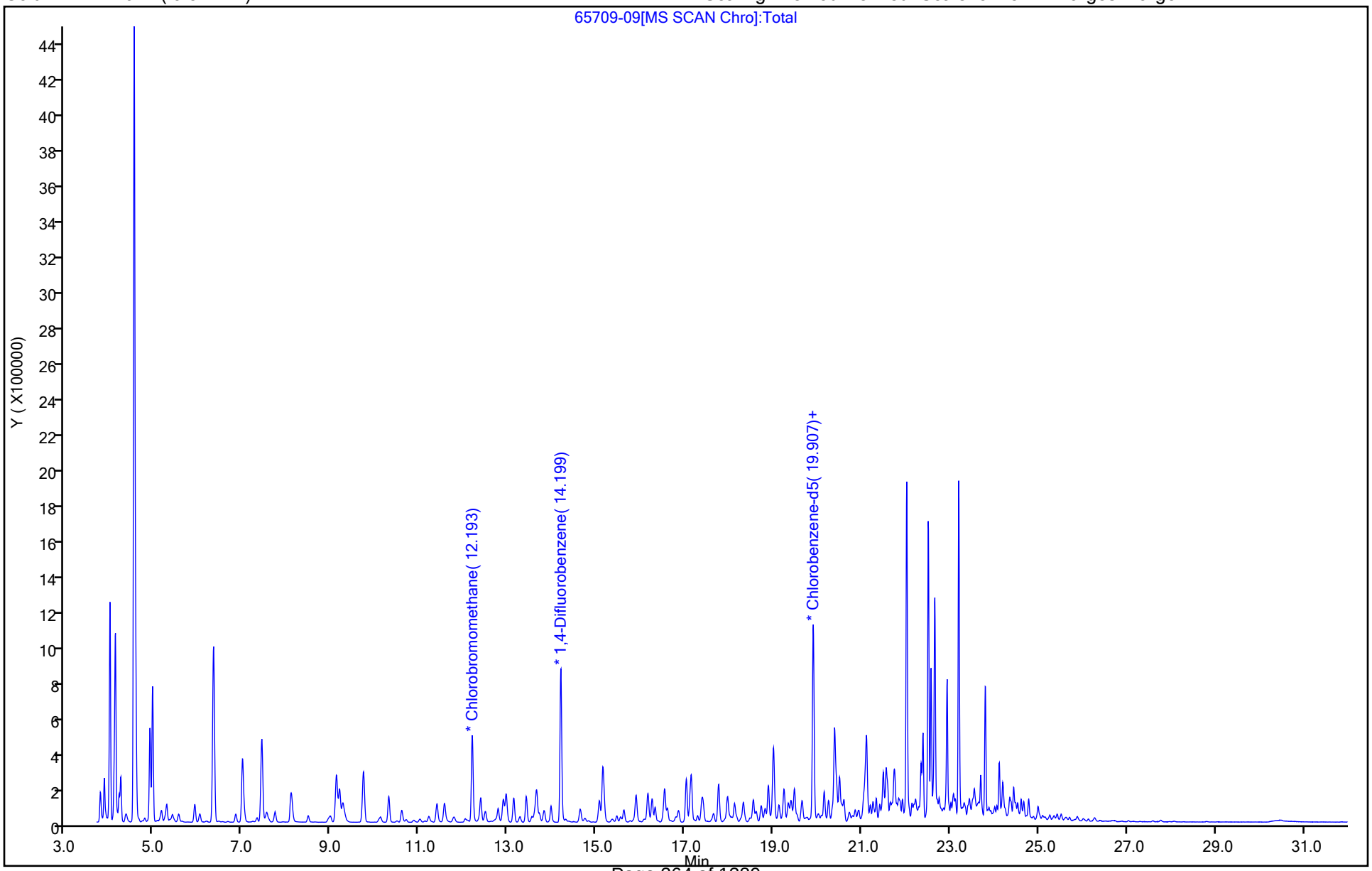
ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 25-Jun-2025 10:31:06 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-09.d				
Injection Date:	24-Jun-2025 17:23:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-78438-A-1 DL	Lab Sample ID:	200-78438-1	Worklist Smp#:	9
Client ID:	RXSV-04				
Purge Vol:	200.000 mL	Dil. Factor:	12.5000	ALS Bottle#:	8
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

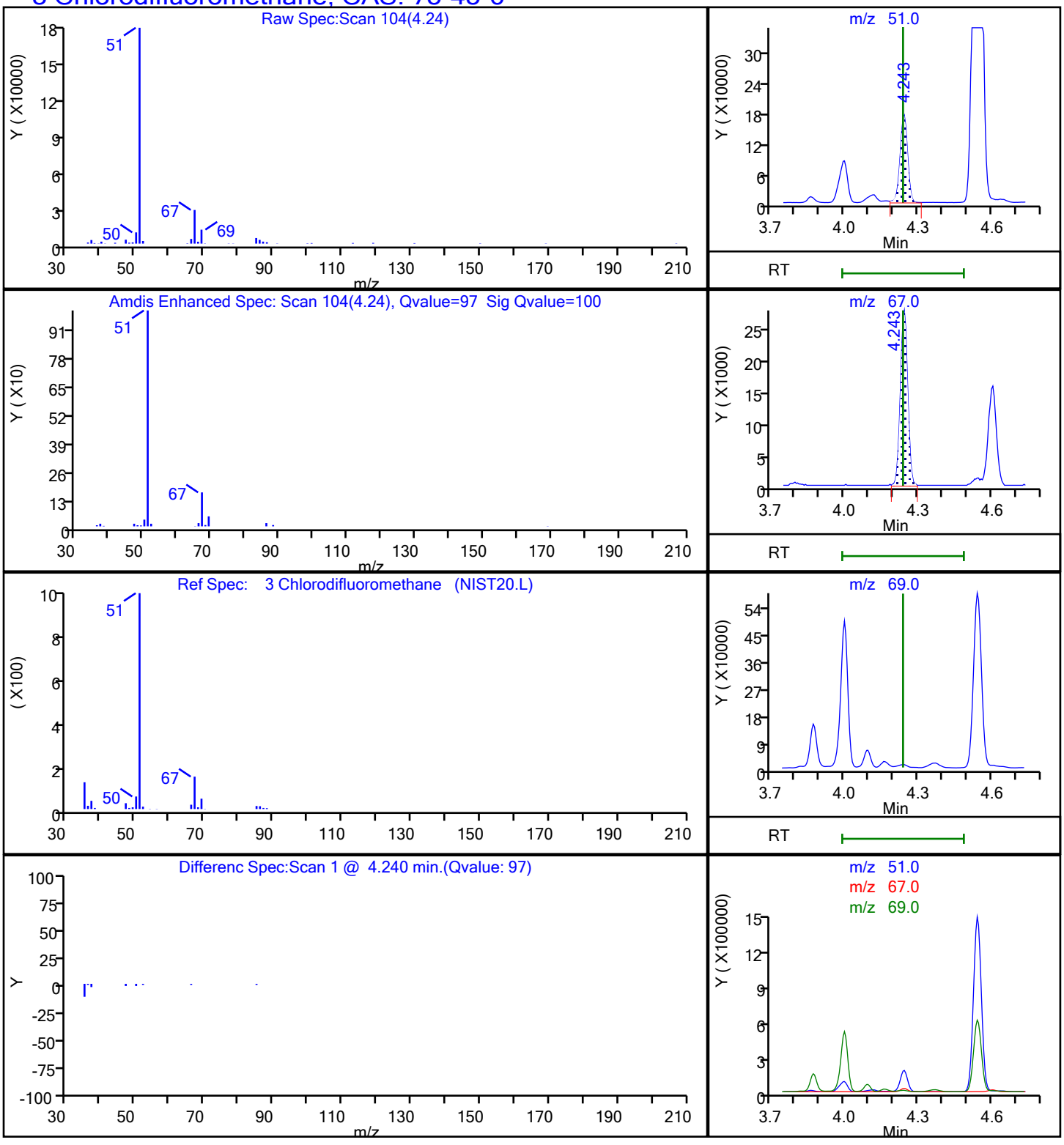


Report Date: 25-Jun-2025 10:31:06 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-09.d				
Injection Date:	24-Jun-2025 17:23:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1 DL	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	12.5000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6

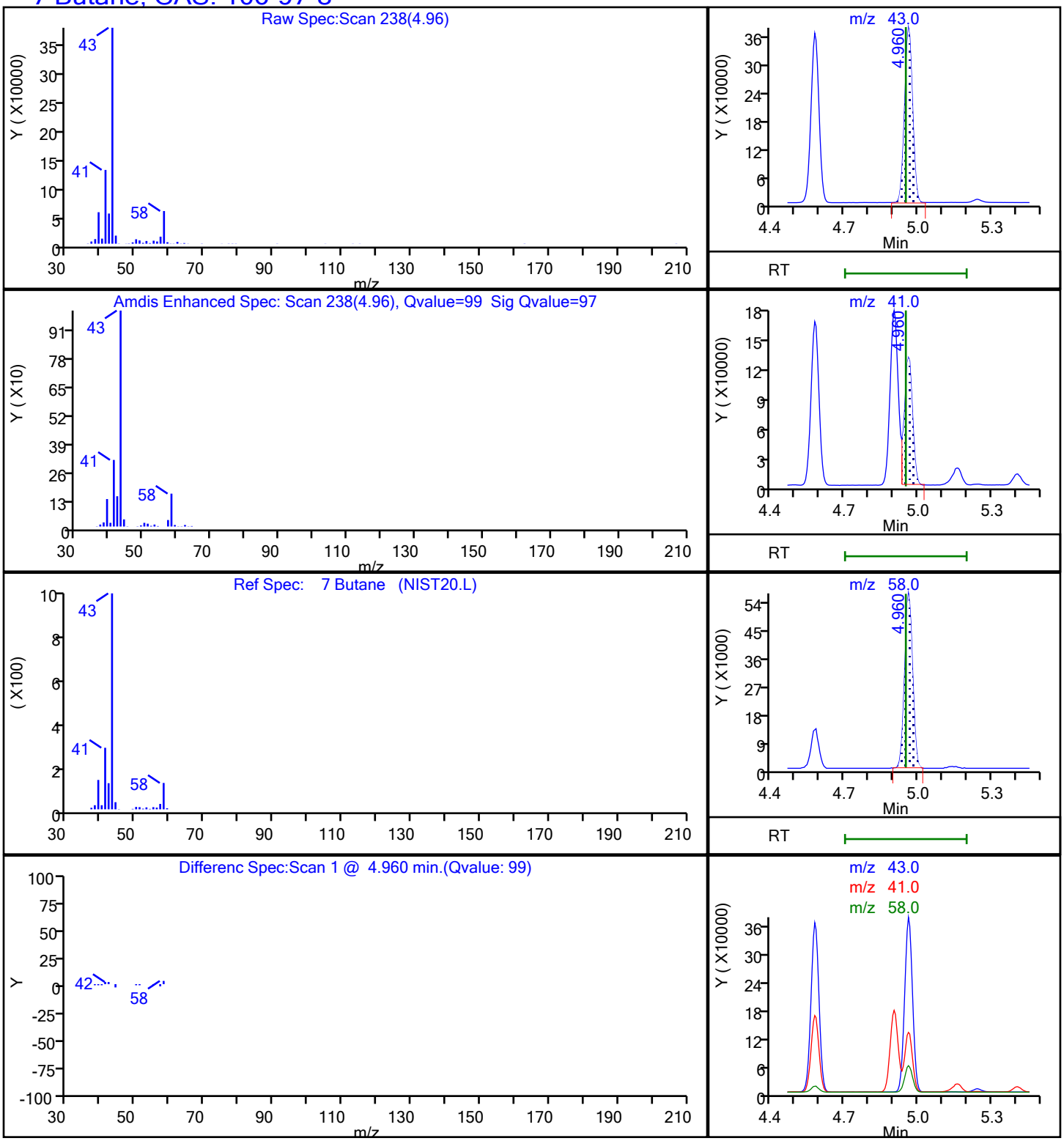


Report Date: 25-Jun-2025 10:31:06 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

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Lims ID:	200-78438-A-1 DL	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	12.5000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

7 Butane, CAS: 106-97-8

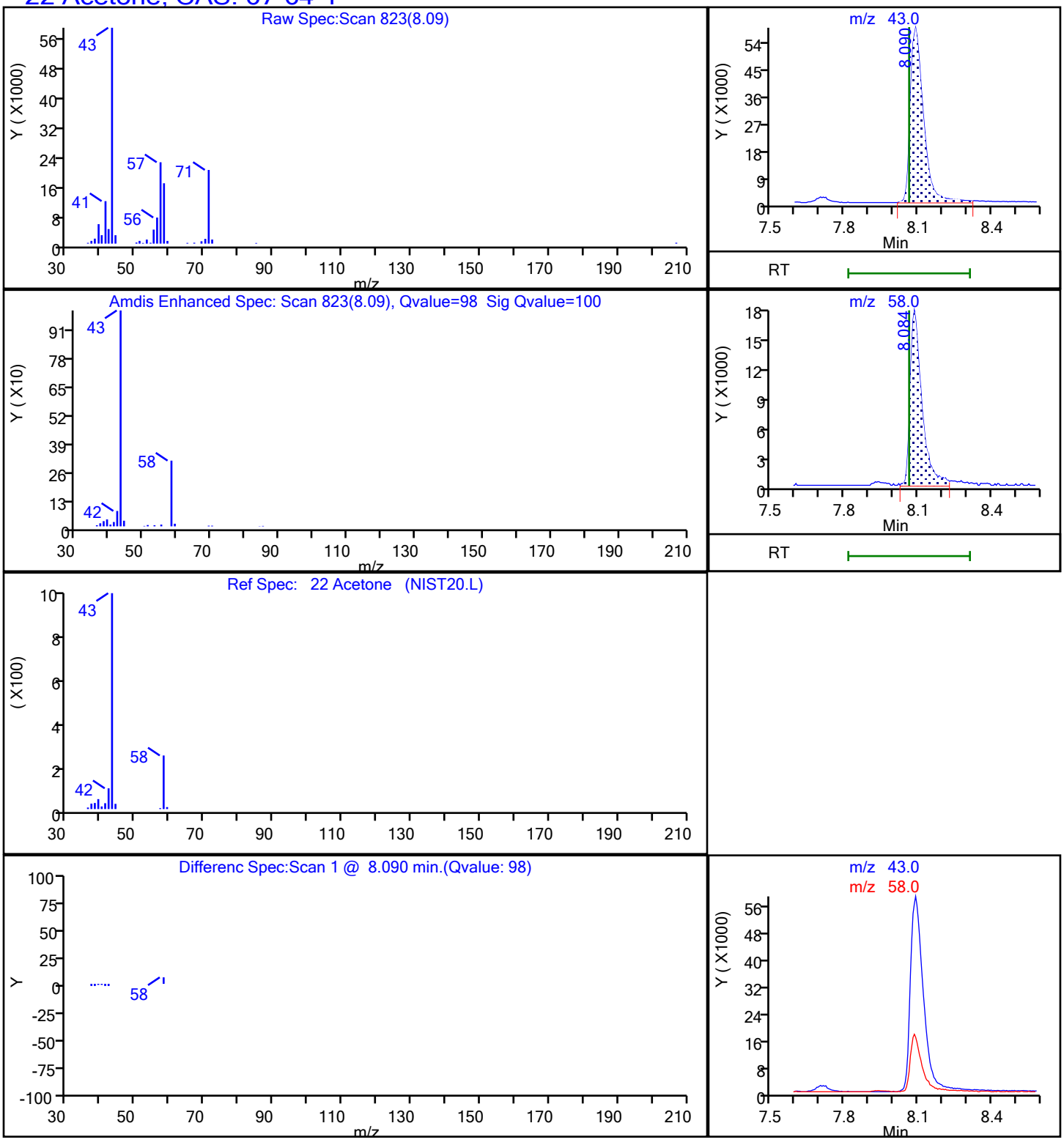


Report Date: 25-Jun-2025 10:31:06 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

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Lims ID:	200-78438-A-1 DL	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	12.5000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

22 Acetone, CAS: 67-64-1



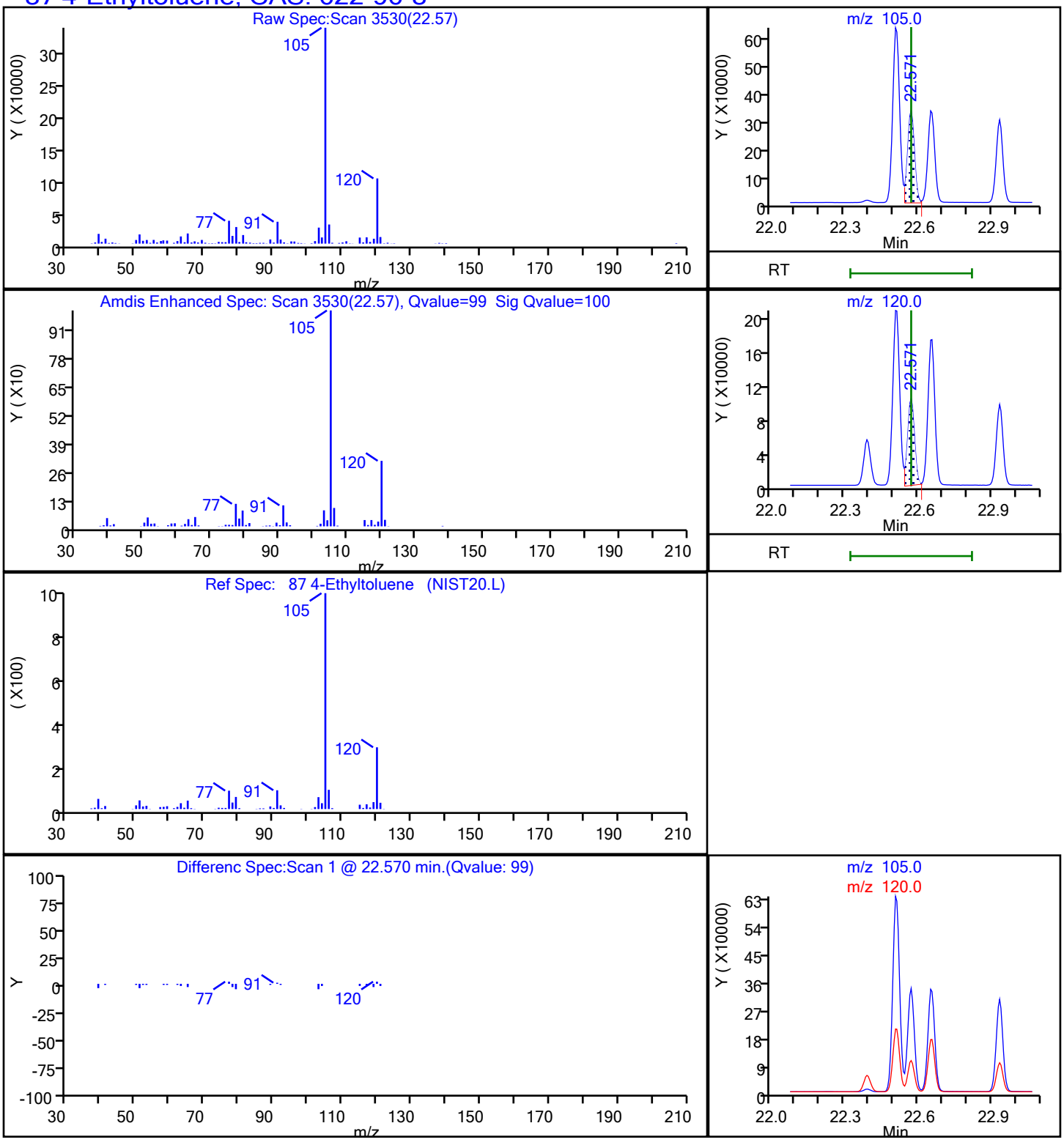
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-09.d

Injection Date:	24-Jun-2025 17:23:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1 DL	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	12.5000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

87 4-Ethyltoluene, CAS: 622-96-8

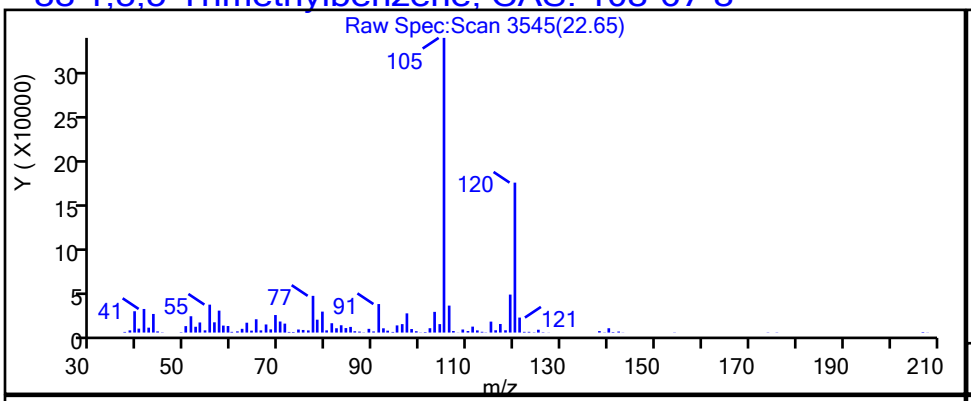


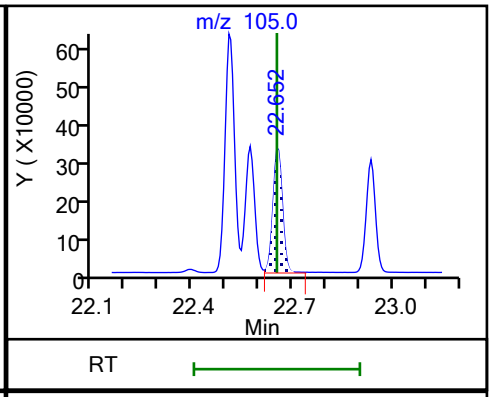
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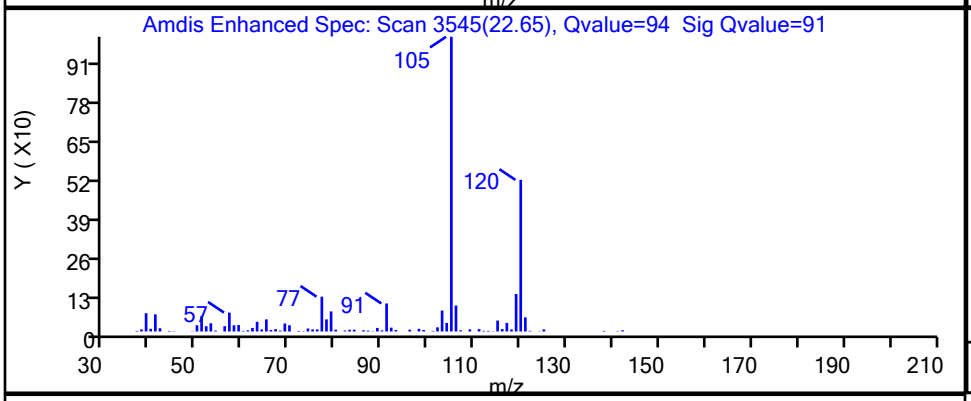
Eurofins Burlington

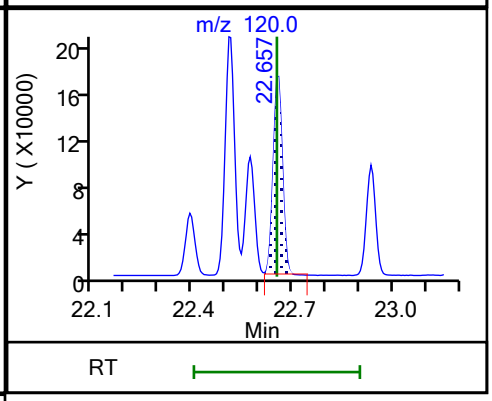
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Injection Date:	24-Jun-2025 17:23:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1 DL	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	12.5000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

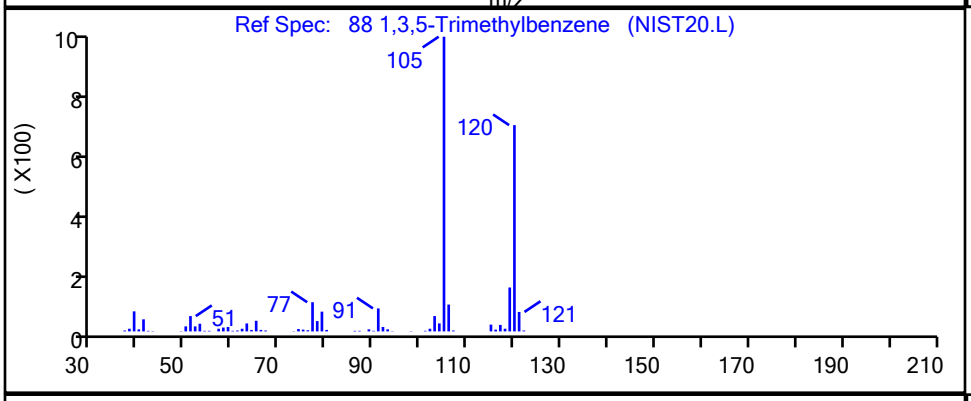
88 1,3,5-Trimethylbenzene, CAS: 108-67-8

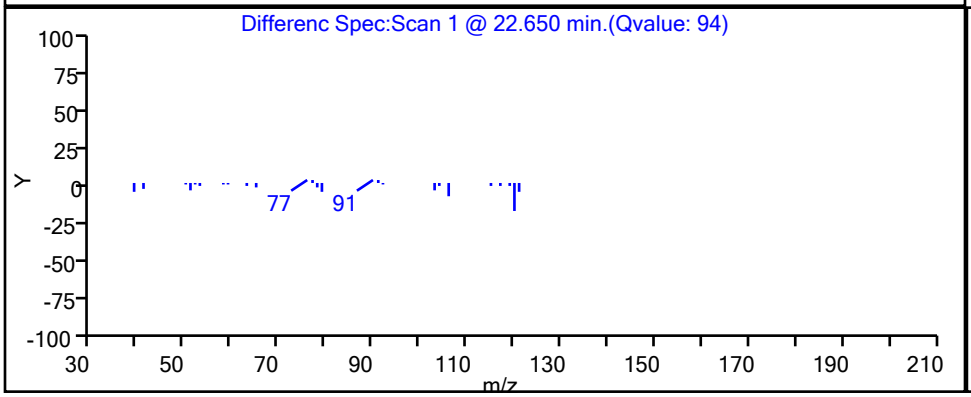


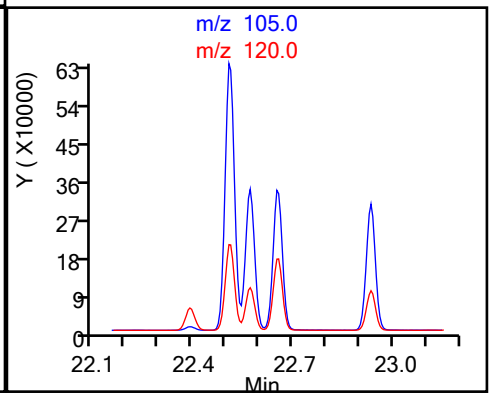










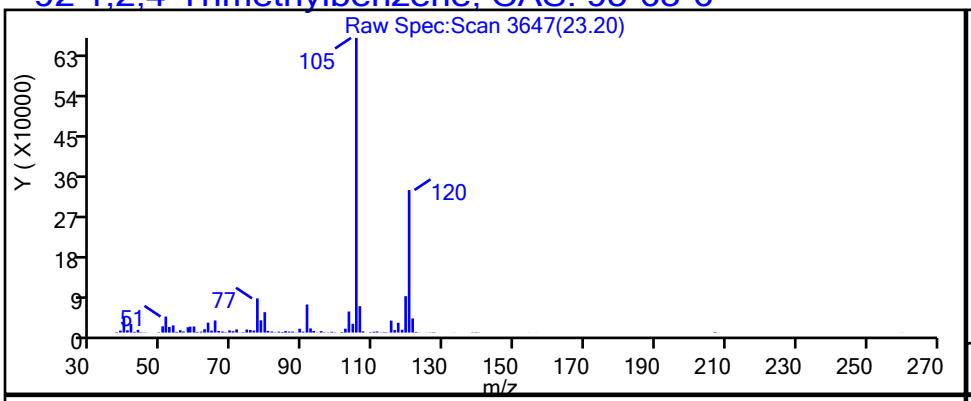


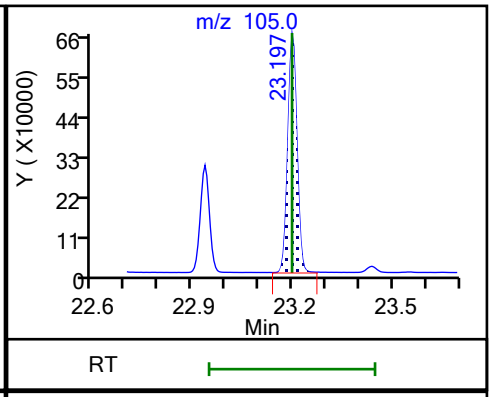
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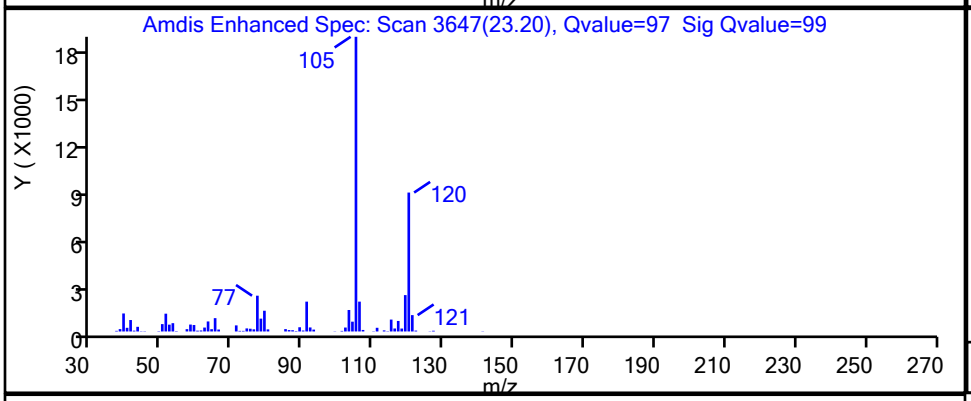
Eurofins Burlington

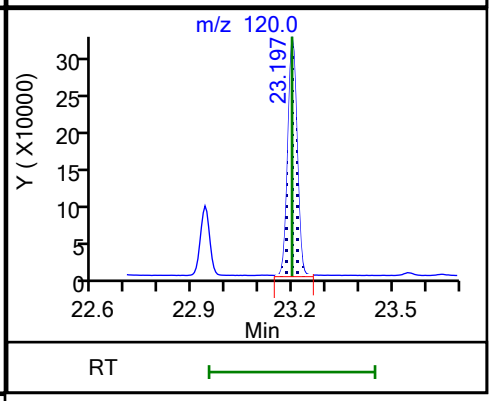
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Injection Date:	24-Jun-2025 17:23:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-1 DL	Lab Sample ID:	200-78438-1		
Client ID:	RXSV-04				
Operator ID:	vtp	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	12.5000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

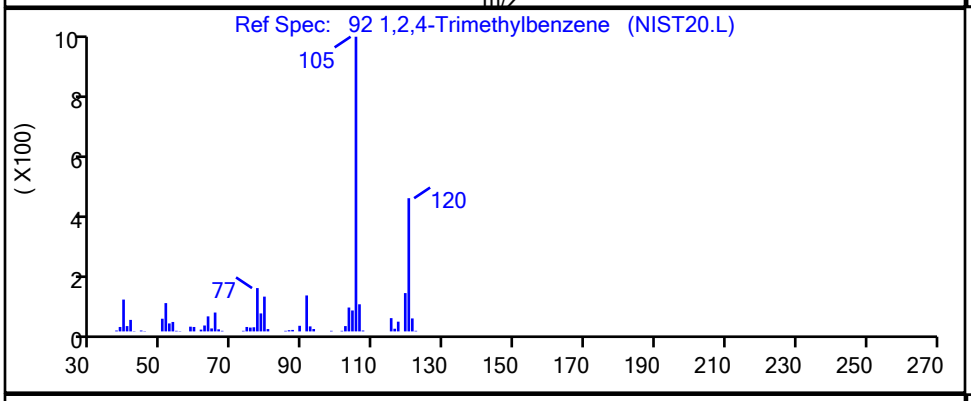
92 1,2,4-Trimethylbenzene, CAS: 95-63-6

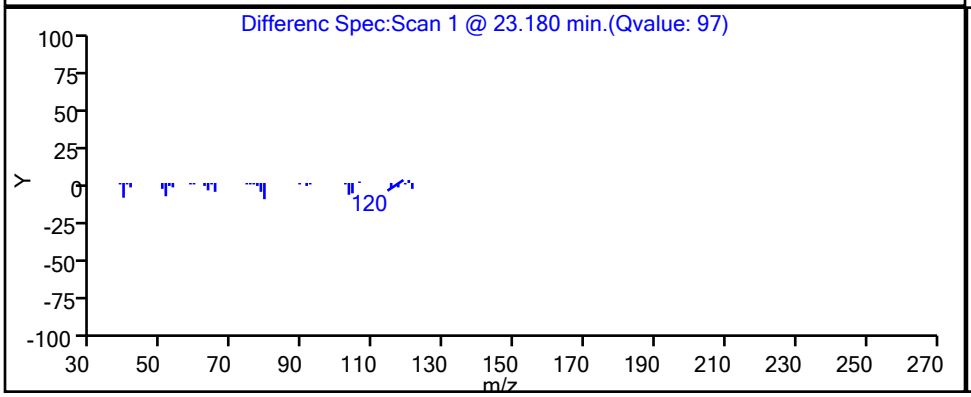


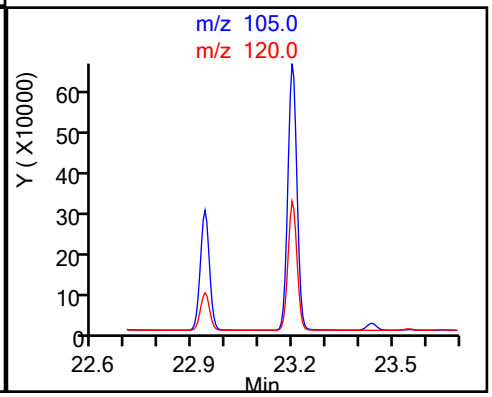












FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: DUP-SV-06202025 Lab Sample ID: 200-78438-2

Matrix: Air Lab File ID: 65709-10.d

Analysis Method: TO-15 Date Collected: 06/20/2025 12:55

Sample wt/vol: 200(mL) Date Analyzed: 06/24/2025 18:16

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.: 217778 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	160		2.5	1.1
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	32		1.4	0.53
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.68
75-01-4	Vinyl chloride	62.50	10		0.20	0.074
106-99-0	1,3-Butadiene	54.09	4.3		0.44	0.088
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.24
75-00-3	Chloroethane	64.52	3.7		1.3	0.42
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.21
75-69-4	Trichlorofluoromethane	137.37	0.74	J	1.1	0.43
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.44
75-35-4	1,1-Dichloroethene	96.94	1.3		0.20	0.14
67-63-0	Isopropyl alcohol	60.10	12	U	12	5.4
75-15-0	Carbon disulfide	76.14	33		1.6	0.56
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.25
75-09-2	Methylene Chloride	84.93	1.6	J	1.7	0.66
75-65-0	tert-Butyl alcohol	74.12	12	J	15	4.9
1634-04-4	Methyl tert-butyl ether	88.15	68		0.72	0.24
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.079
75-34-3	1,1-Dichloroethane	98.96	110		0.81	0.073
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	9.8		1.5	0.41
156-59-2	cis-1,2-Dichloroethene	96.94	1.9		0.20	0.13
109-99-9	Tetrahydrofuran	72.11	15	U	15	5.0
71-55-6	1,1,1-Trichloroethane	133.41	21		1.1	0.40
110-82-7	Cyclohexane	84.16	100		0.69	0.18
56-23-5	Carbon tetrachloride	153.81	0.25		0.22	0.15
540-84-1	2,2,4-Trimethylpentane	114.23	140		0.93	0.33
71-43-2	Benzene	78.11	98		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.47	J	0.81	0.30
142-82-5	n-Heptane	100.21	81		0.82	0.35
79-01-6	Trichloroethene	131.39	5.3		0.20	0.16

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

Lab Name: Eurofins Burlington | Job No.: 200-78438-1

SDG No.:

Client Sample ID: DUP-SV-06202025 | Lab Sample ID: 200-78438-2

Matrix: Air | Lab File ID: 65709-10.d

Analysis Method: TO-15 | Date Collected: 06/20/2025 12:55

Sample wt/vol: 200(mL) | Date Analyzed: 06/24/2025 18:16

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.: 217778 | Units: ug/m3

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.53
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.25
123-91-1	1,4-Dioxane	88.11	18	U	18	0.68
75-27-4	Bromodichloromethane	163.83	15		1.3	0.39
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	3.9		2.0	0.78
108-88-3	Toluene	92.14	130		0.75	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.28
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.29
127-18-4	Tetrachloroethene	165.83	15		1.4	0.24
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.45
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.22
100-41-4	Ethylbenzene	106.17	68		0.87	0.22
179601-23-1	m,p-Xylene	106.17	280		2.2	0.061
100-42-5	Styrene	104.15	4.9		0.85	0.24
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	55		0.98	0.35
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.42
103-65-1	n-Propylbenzene	120.19	170		0.98	0.30
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.30
98-06-6	tert-Butylbenzene	134.22	3.4		1.1	0.38
135-98-8	sec-Butylbenzene	134.22	17		1.1	0.40
99-87-6	4-Isopropyltoluene	134.22	19		1.1	0.43
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.38
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.42
100-44-7	Benzyl chloride	126.58	1.7		1.0	0.38
104-51-8	n-Butylbenzene	134.22	18		1.1	0.38
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: DUP-SV-06202025 Lab Sample ID: 200-78438-2

Matrix: Air Lab File ID: 65709-10.d

Analysis Method: TO-15 Date Collected: 06/20/2025 12:55

Sample wt/vol: 200(mL) Date Analyzed: 06/24/2025 18:16

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.: 217778 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.2
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.83
91-20-3	Naphthalene	128.17	8.5		2.0	0.58

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

Lab Name: Eurofins Burlington | Job No.: 200-78438-1

SDG No.:

Client Sample ID: DUP-SV-06202025 | Lab Sample ID: 200-78438-2

Matrix: Air | Lab File ID: 65709-10.d

Analysis Method: TO-15 | Date Collected: 06/20/2025 12:55

Sample wt/vol: 200(mL) | Date Analyzed: 06/24/2025 18:16

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.: 217778 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	32		0.50	0.22
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	4.6		0.20	0.076
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.33
75-01-4	Vinyl chloride	62.50	4.1		0.078	0.029
106-99-0	1,3-Butadiene	54.09	1.9		0.20	0.040
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.062
75-00-3	Chloroethane	64.52	1.4		0.50	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.048
75-69-4	Trichlorofluoromethane	137.37	0.13	J	0.20	0.077
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.057
75-35-4	1,1-Dichloroethene	96.94	0.32		0.050	0.035
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	2.2
75-15-0	Carbon disulfide	76.14	10		0.50	0.18
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.081
75-09-2	Methylene Chloride	84.93	0.45	J	0.50	0.19
75-65-0	tert-Butyl alcohol	74.12	4.1	J	5.0	1.6
1634-04-4	Methyl tert-butyl ether	88.15	19		0.20	0.066
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	27		0.20	0.018
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	3.3		0.50	0.14
156-59-2	cis-1,2-Dichloroethene	96.94	0.48		0.050	0.032
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.7
71-55-6	1,1,1-Trichloroethane	133.41	3.9		0.20	0.073
110-82-7	Cyclohexane	84.16	30		0.20	0.052
56-23-5	Carbon tetrachloride	153.81	0.039		0.035	0.024
540-84-1	2,2,4-Trimethylpentane	114.23	30		0.20	0.071
71-43-2	Benzene	78.11	31		0.20	0.051
107-06-2	1,2-Dichloroethane	98.96	0.12	J	0.20	0.074
142-82-5	n-Heptane	100.21	20		0.20	0.086
79-01-6	Trichloroethene	131.39	0.99		0.037	0.029

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

Lab Name: Eurofins Burlington | Job No.: 200-78438-1

SDG No.:

Client Sample ID: DUP-SV-06202025 | Lab Sample ID: 200-78438-2

Matrix: Air | Lab File ID: 65709-10.d

Analysis Method: TO-15 | Date Collected: 06/20/2025 12:55

Sample wt/vol: 200(mL) | Date Analyzed: 06/24/2025 18:16

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.: 217778 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.13
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.055
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.19
75-27-4	Bromodichloromethane	163.83	2.3		0.20	0.058
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.056
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.94		0.50	0.19
108-88-3	Toluene	92.14	35		0.20	0.054
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.062
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.053
127-18-4	Tetrachloroethene	165.83	2.2		0.20	0.036
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.053
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.045
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.047
100-41-4	Ethylbenzene	106.17	16		0.20	0.051
179601-23-1	m,p-Xylene	106.17	65		0.50	0.014
100-42-5	Styrene	104.15	1.2		0.20	0.056
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	11		0.20	0.072
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.061
103-65-1	n-Propylbenzene	120.19	35		0.20	0.062
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.058
98-06-6	tert-Butylbenzene	134.22	0.63		0.20	0.070
135-98-8	sec-Butylbenzene	134.22	3.1		0.20	0.072
99-87-6	4-Isopropyltoluene	134.22	3.4		0.20	0.078
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.063
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.070
100-44-7	Benzyl chloride	126.58	0.32		0.20	0.074
104-51-8	n-Butylbenzene	134.22	3.2		0.20	0.070
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: DUP-SV-06202025 Lab Sample ID: 200-78438-2

Matrix: Air Lab File ID: 65709-10.d

Analysis Method: TO-15 Date Collected: 06/20/2025 12:55

Sample wt/vol: 200(mL) Date Analyzed: 06/24/2025 18:16

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.: 217778 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.30
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.078
91-20-3	Naphthalene	128.17	1.6		0.38	0.11

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d
Lims ID: 200-78438-A-2
Client ID: DUP-SV-06202025
Sample Type: Client
Inject. Date: 24-Jun-2025 18:16:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065709-010
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 25-Jun-2025 11:10:09 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1719

First Level Reviewer: F7XK Date: 25-Jun-2025 11:00:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.200	4.201	-0.001	99	2220946	31.6	
3 Chlorodifluoromethane	51	4.243	4.238	0.005	97	5400794	132.7	E
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.532	4.538	-0.006	75	365223	4.62	
5 Chloromethane	50	4.655	4.655	0.005	96	7623	0.3095	M
6 Vinyl chloride	62	4.949	4.949	0.000	26	98886	4.11	
7 Butane	43	4.960	4.949	0.011	97	10886843	365.6	E
8 Butadiene	54	5.067	5.062	0.005	88	32796	1.92	
9 Bromomethane	94		5.805				ND	
10 Chloroethane	64	6.105	6.105	0.005	95	23255	1.40	M
13 Vinyl bromide	106		6.570				ND	
14 Trichlorofluoromethane	101	6.763	6.763	0.011	95	9533	0.1318	M
20 1,1-Dichloroethene	96	7.988	7.988	0.000	95	10161	0.3156	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.031				ND	MU
22 Acetone	43	8.058	8.058	-0.005	96	2766451	73.6	EM
23 Isopropyl alcohol	45	8.448	8.448	0.043	98	32049	0.8161	M
24 Carbon disulfide	76	8.480	8.475	0.005	98	955455	10.5	
26 3-Chloro-1-propene	41		8.812				ND	MU
27 Methylene Chloride	49	9.095	9.101	0.005	79	15167	0.4540	
28 2-Methyl-2-propanol	59	9.331	9.320	0.011	92	220755	4.11	
31 Methyl tert-butyl ether	73	9.695	9.695	0.000	89	1480226	18.8	
30 trans-1,2-Dichloroethene	61		9.695				ND	MU
32 Hexane	57	10.304	10.299	0.005	90	1889208	42.0	E
33 1,1-Dichloroethane	63	10.593	10.593	0.000	100	1528790	26.6	
36 2-Butanone (MEK)	72	11.695	11.685	0.010	98	51024	3.33	
37 cis-1,2-Dichloroethene	96	11.727	11.744	-0.001	93	16918	0.4788	
* 39 Chlorobromomethane	128	12.193	12.188	0.005	90	253932	10.0	
40 Tetrahydrofuran	42		12.236				ND	MU
41 Chloroform	83	12.380	12.380	0.000	96	2667362	41.3	E
42 1,1,1-Trichloroethane	97	12.733	12.728	0.005	98	254986	3.91	
43 Cyclohexane	84	12.894	12.894	0.000	98	1324740	30.5	
44 Carbon tetrachloride	117	13.049	13.048	0.005	92	2626	0.0392	
45 Benzene	78	13.413	13.413	0.000	95	3207619	30.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
46 1,2-Dichloroethane	62	13.488	13.493	0.000	36	4440	0.1170	
47 Isooctane	57	13.648	13.643	0.005	99	4439522	29.5	
48 n-Heptane	43	13.974	13.969	0.005	94	989368	19.8	
* 49 1,4-Difluorobenzene	114	14.194	14.194	0.000	94	1305165	10.0	
51 Trichloroethene	95	14.670	14.670	0.005	95	48345	0.9896	
53 1,2-Dichloropropane	63		15.146				ND	MU
54 Methyl methacrylate	69		15.216				ND	MU
55 1,4-Dioxane	88		15.274				ND	7
58 Dichlorobromomethane	83	15.622	15.627	-0.011	78	160748	2.31	
59 cis-1,3-Dichloropropene	75		16.473				ND	7
61 4-Methyl-2-pentanone (MIBK)	43	16.719	16.719	0.000	83	58285	0.9435	M
62 Toluene	92	17.147	17.147	0.000	94	2538072	34.6	
66 trans-1,3-Dichloropropene	75		17.553				ND	7
67 1,1,2-Trichloroethane	83		17.949				ND	MU
68 Tetrachloroethene	166	18.179	18.179	0.000	97	153827	2.21	
69 2-Hexanone	43		18.340				ND	MU
70 Chlorodibromomethane	129		18.720				ND	MU
71 Ethylene Dibromide	107		18.976				ND	
* 73 Chlorobenzene-d5	117	19.907	19.907	0.000	85	1217147	10.0	
74 Chlorobenzene	112	19.977	19.966	0.011	39	4887	0.0435	
75 Ethylbenzene	91	20.153	20.148	0.005	98	2587866	15.7	
76 m-Xylene & p-Xylene	106	20.394	20.405	-0.011	0	4236266	65.0	
78 o-Xylene	106	21.111	21.111	0.000	99	2629770	43.9	E
79 Styrene	104	21.127	21.127	-0.016	51	116258	1.16	M
81 Bromoform	173		21.464				ND	
82 Isopropylbenzene	105	21.731	21.731	-0.001	97	2011656	11.2	
83 1,1,2,2-Tetrachloroethane	83		22.192				ND	MU
85 N-Propylbenzene	91	22.389	22.389	-0.001	100	7886041	34.8	
86 2-Chlorotoluene	91		22.539				ND	MU
87 4-Ethyltoluene	105	22.571	22.571	0.000	99	11663729	62.6	E
88 1,3,5-Trimethylbenzene	105	22.657	22.652	0.005	94	11407714	72.5	E
91 tert-Butylbenzene	119	23.117	23.117	0.000	92	97575	0.6255	M
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	98	20042658	128.7	Ee
93 sec-Butylbenzene	105	23.438	23.438	0.000	96	728726	3.11	M
94 1,3-Dichlorobenzene	146		23.631				ND	MU
95 4-Isopropyltoluene	119	23.652	23.652	0.000	98	681578	3.41	
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	67	5545	0.0458	
97 Benzyl chloride	91	23.930	23.930	0.005	61	43600	0.3201	M
98 n-Butylbenzene	91	24.251	24.251	0.000	96	580601	3.22	
99 1,2-Dichlorobenzene	146		24.310				ND	MU
102 1,2,4-Trichlorobenzene	180	27.033	27.028	0.005	63	8652	0.1008	
103 Hexachlorobutadiene	225	27.295	27.295	0.000	84	3780	0.0398	
104 Naphthalene	128	27.584	27.579	0.005	99	265376	1.62	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

e - Potential Peak Saturated

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

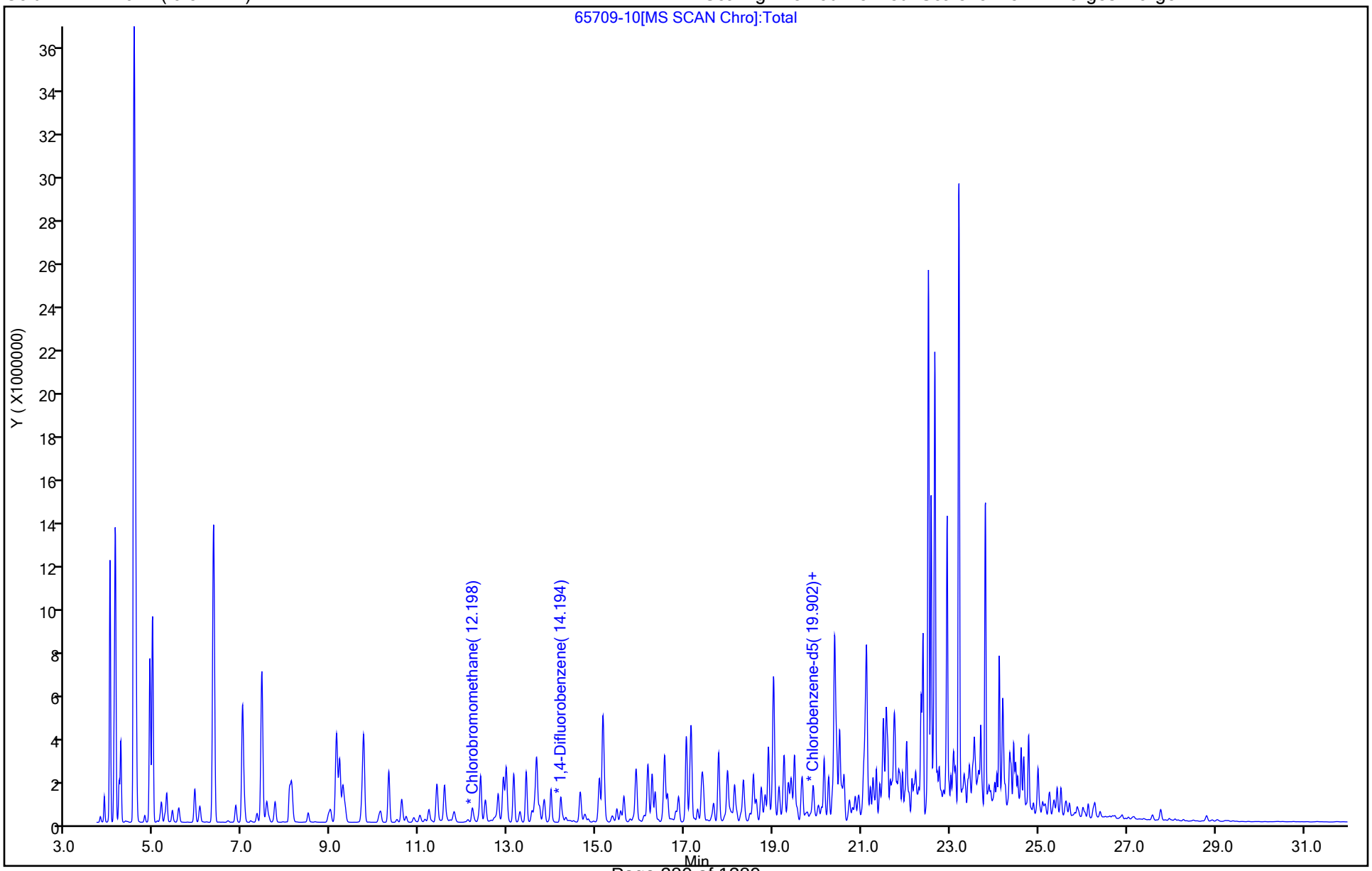
ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 25-Jun-2025 11:10:10 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2	Worklist Smp#:	10
Client ID:	DUP-SV-06202025				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



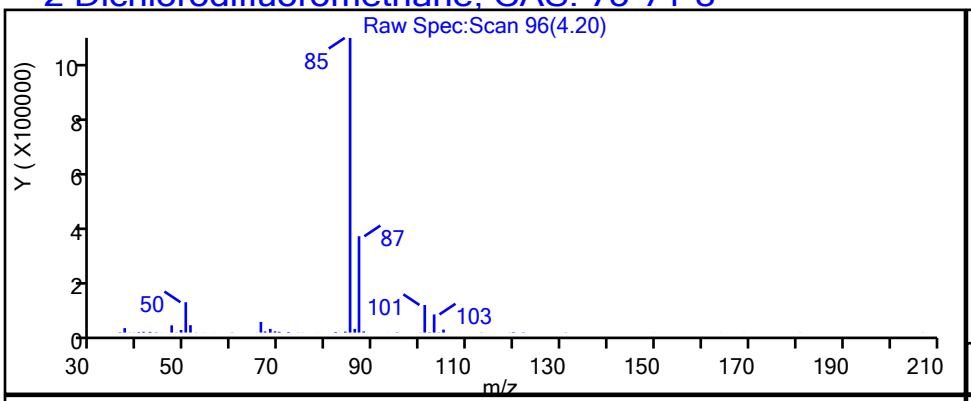
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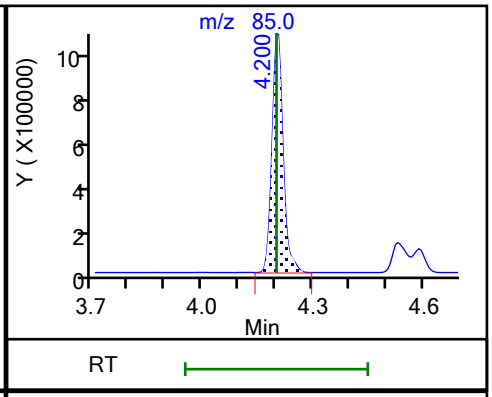
Eurofins Burlington

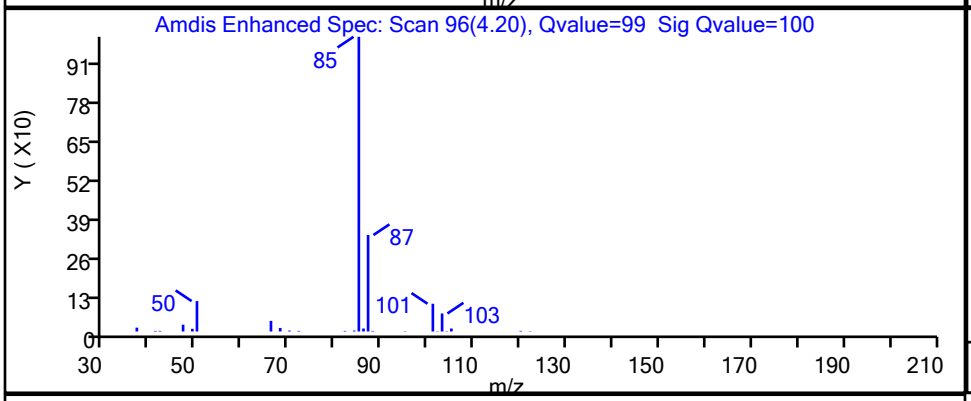
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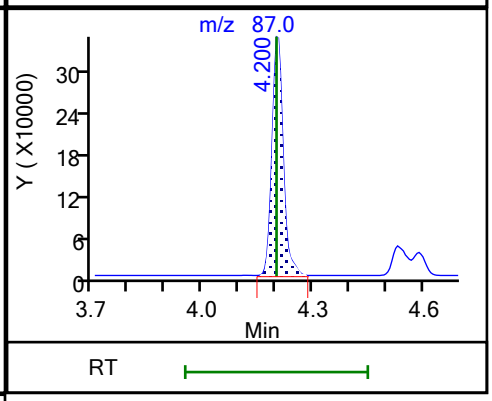
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Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

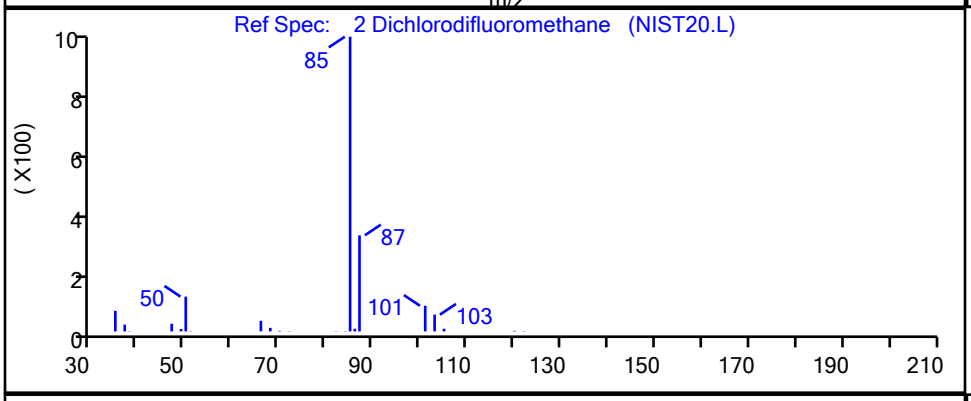
2 Dichlorodifluoromethane, CAS: 75-71-8

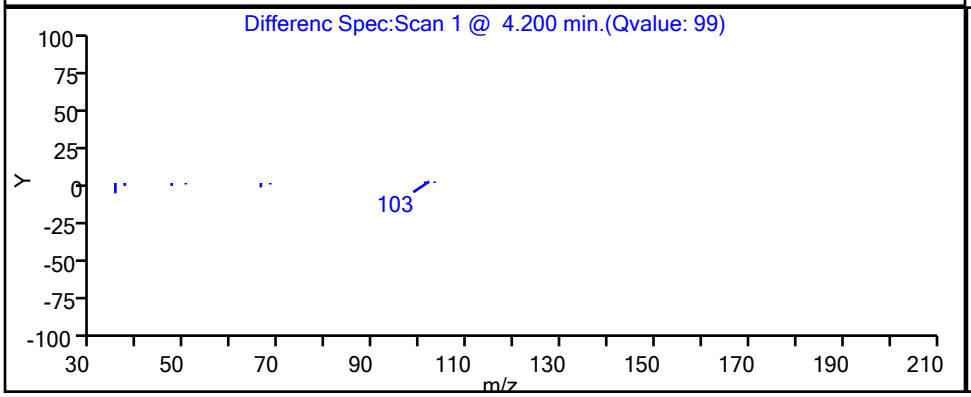


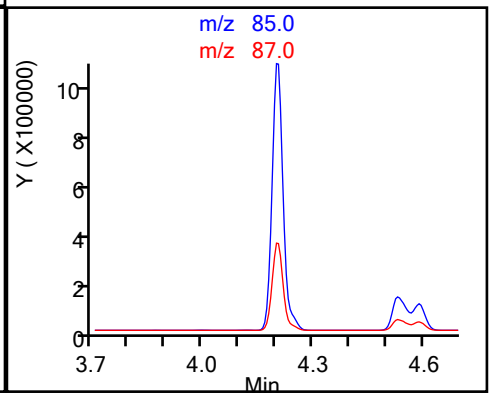












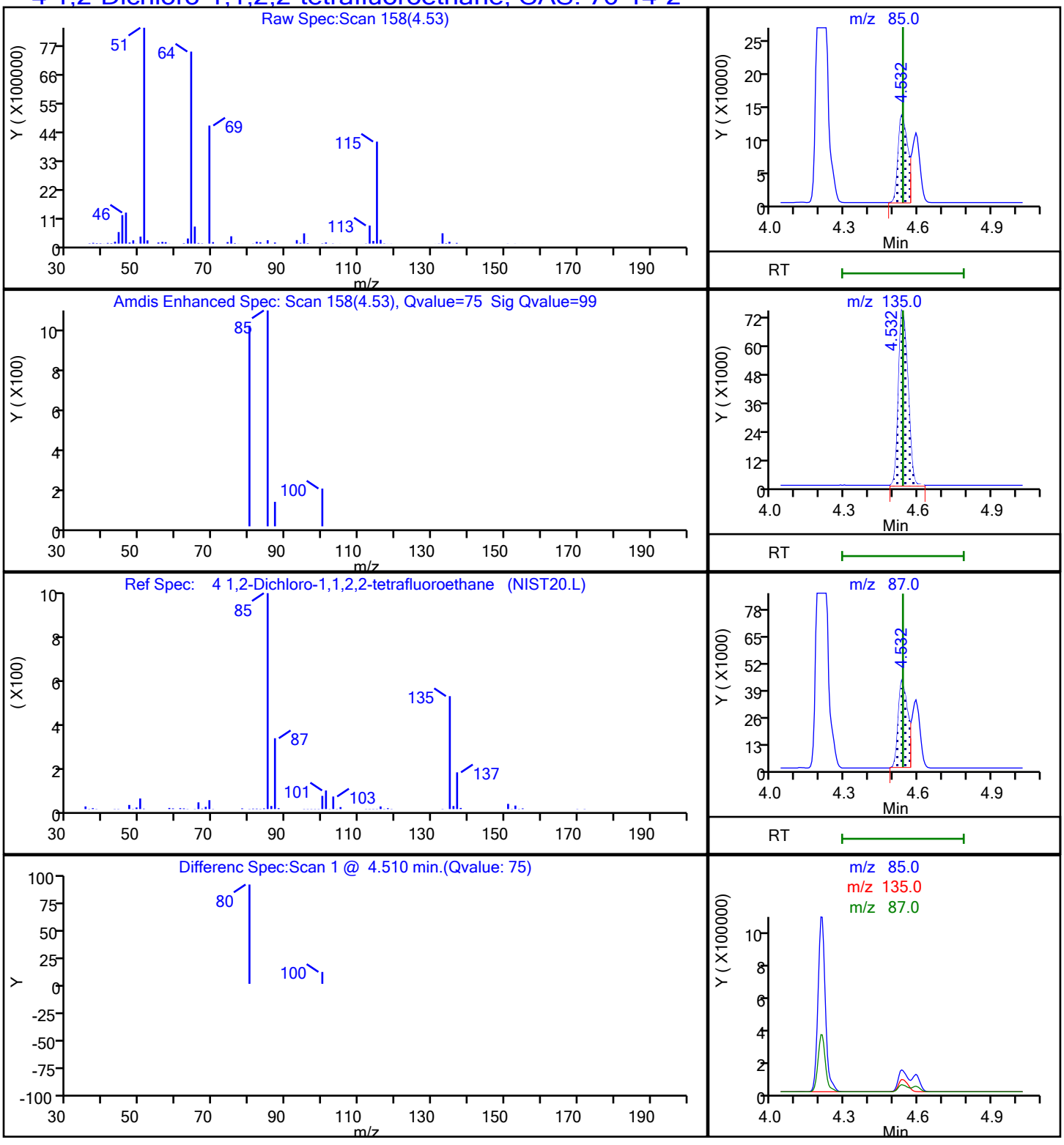
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d

Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



Report Date: 25-Jun-2025 11:10:10 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d

Injection Date: 24-Jun-2025 18:16:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-2 Lab Sample ID: 200-78438-2

Client ID: DUP-SV-06202025

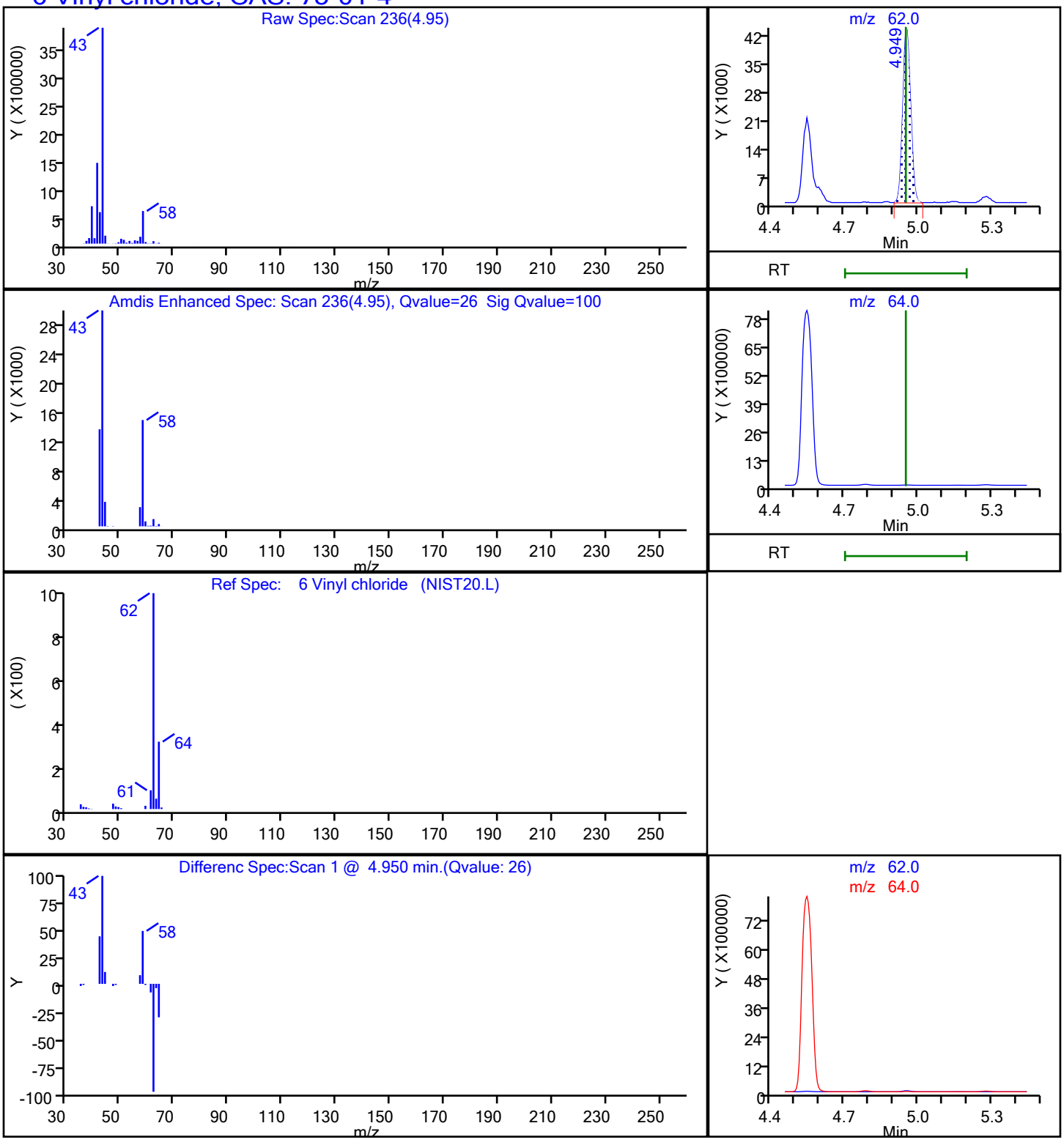
Operator ID: vtp ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

6 Vinyl chloride, CAS: 75-01-4

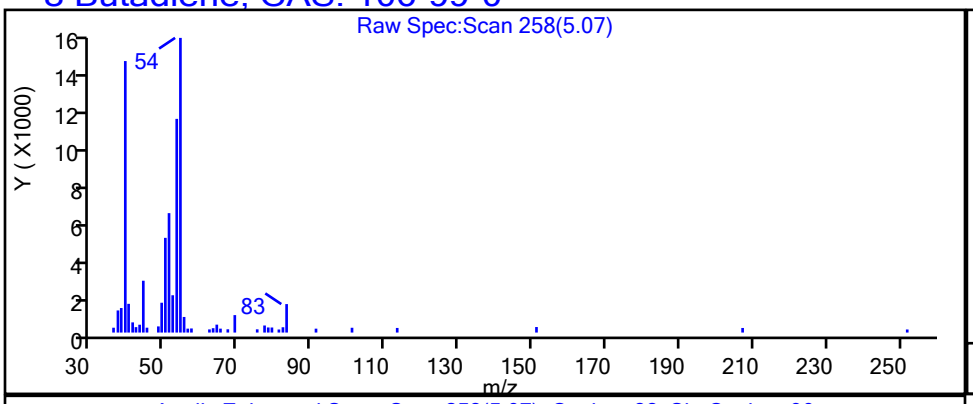


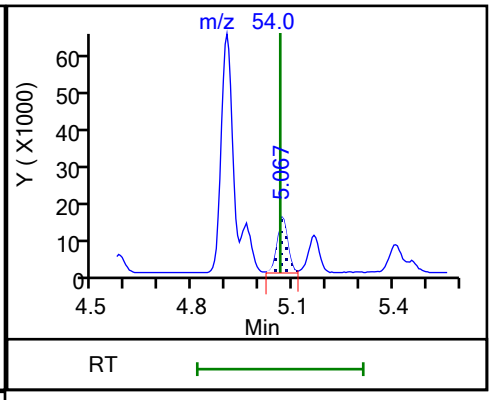
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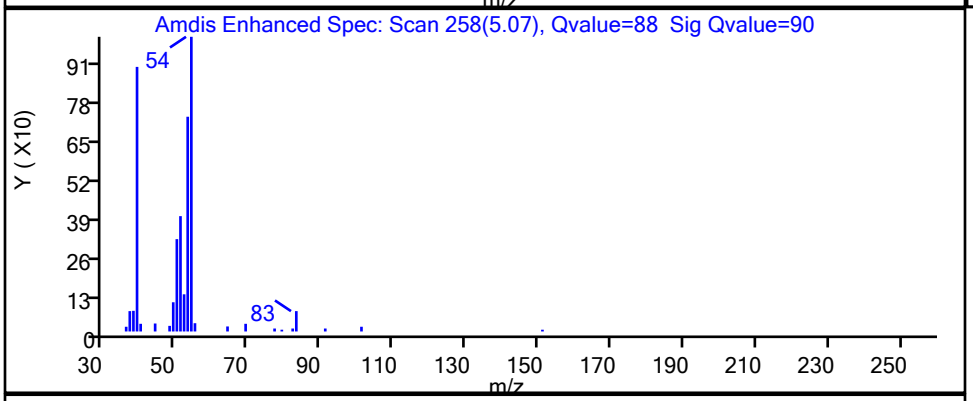
Eurofins Burlington

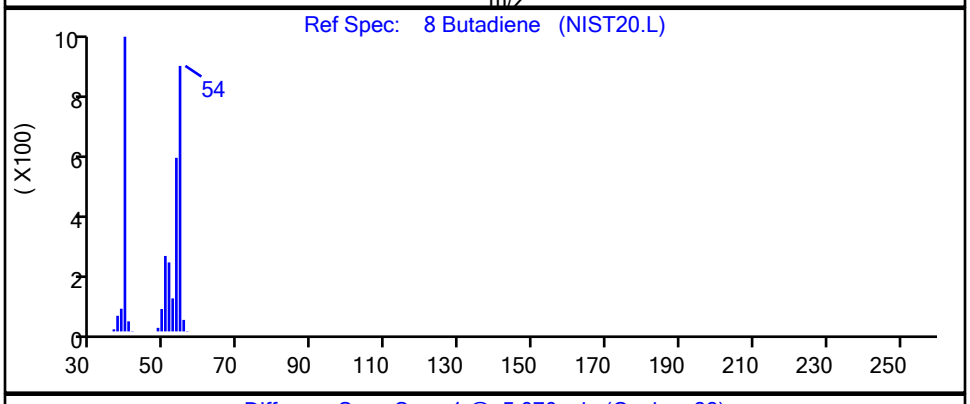
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Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

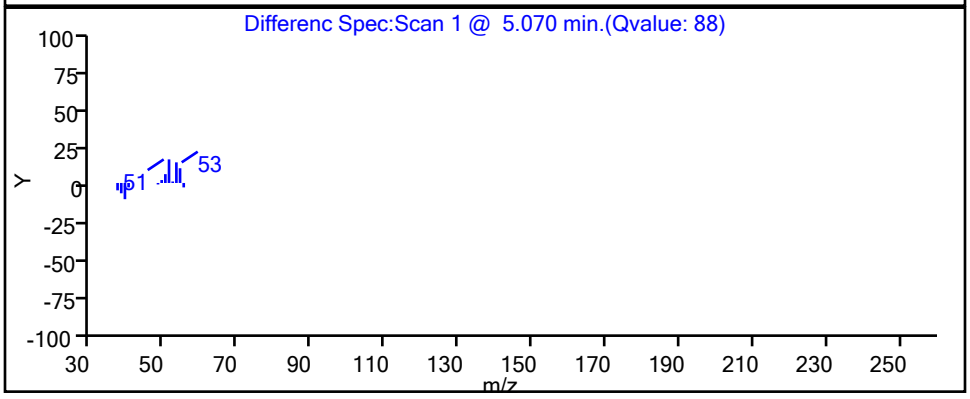
8 Butadiene, CAS: 106-99-0









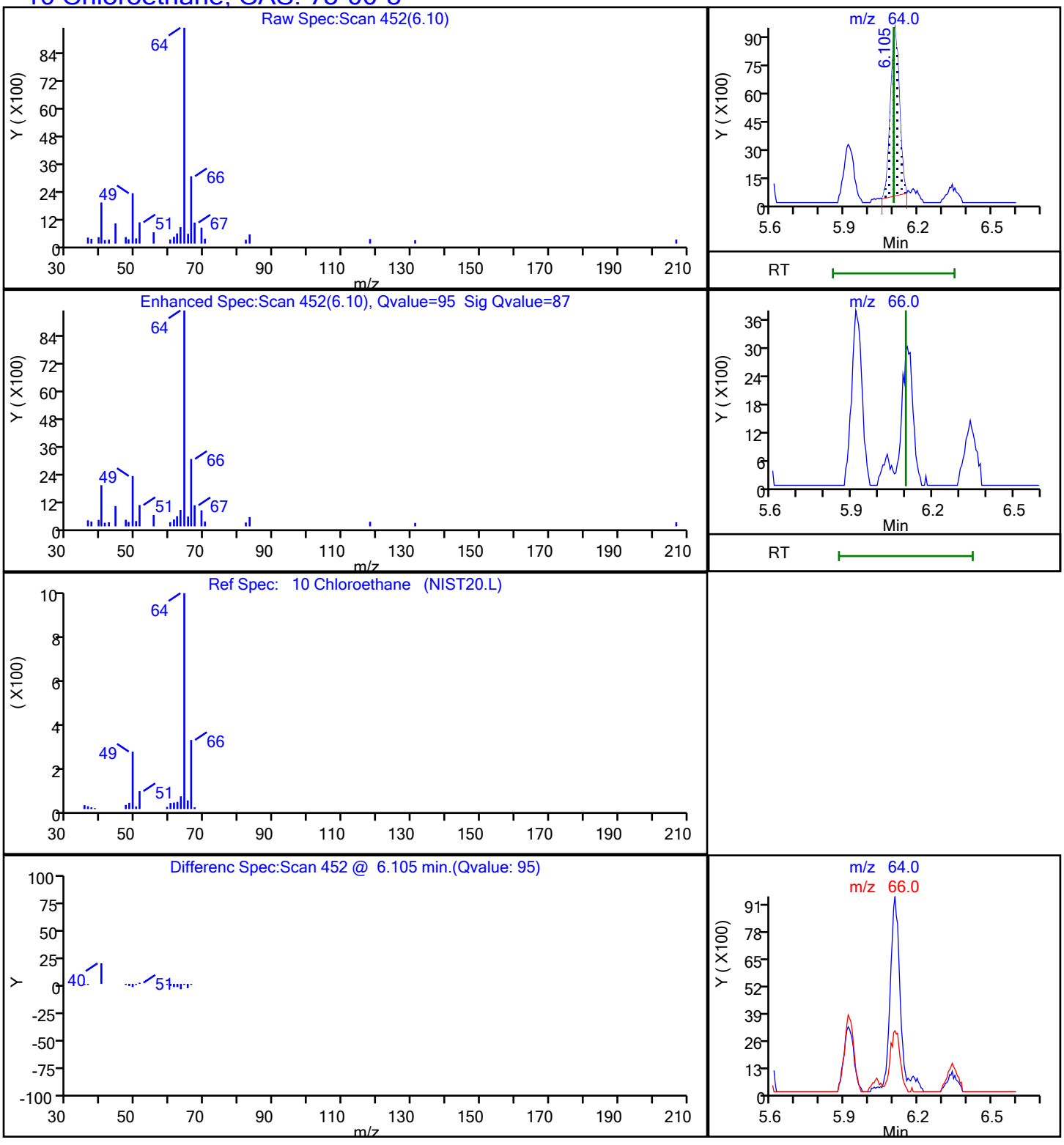


Report Date: 25-Jun-2025 11:10:10 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

10 Chloroethane, CAS: 75-00-3

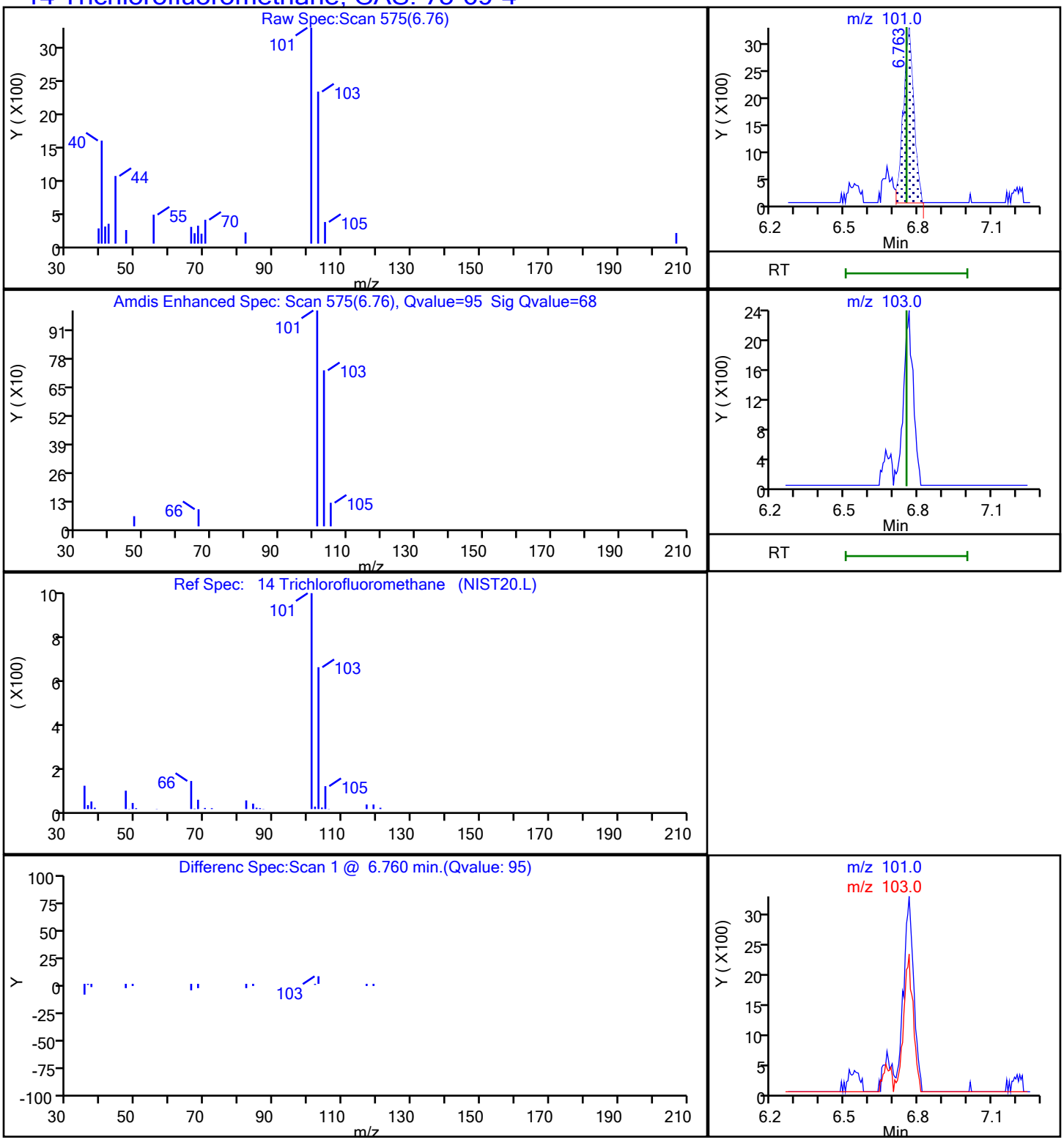


Report Date: 25-Jun-2025 11:10:10 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

14 Trichlorofluoromethane, CAS: 75-69-4

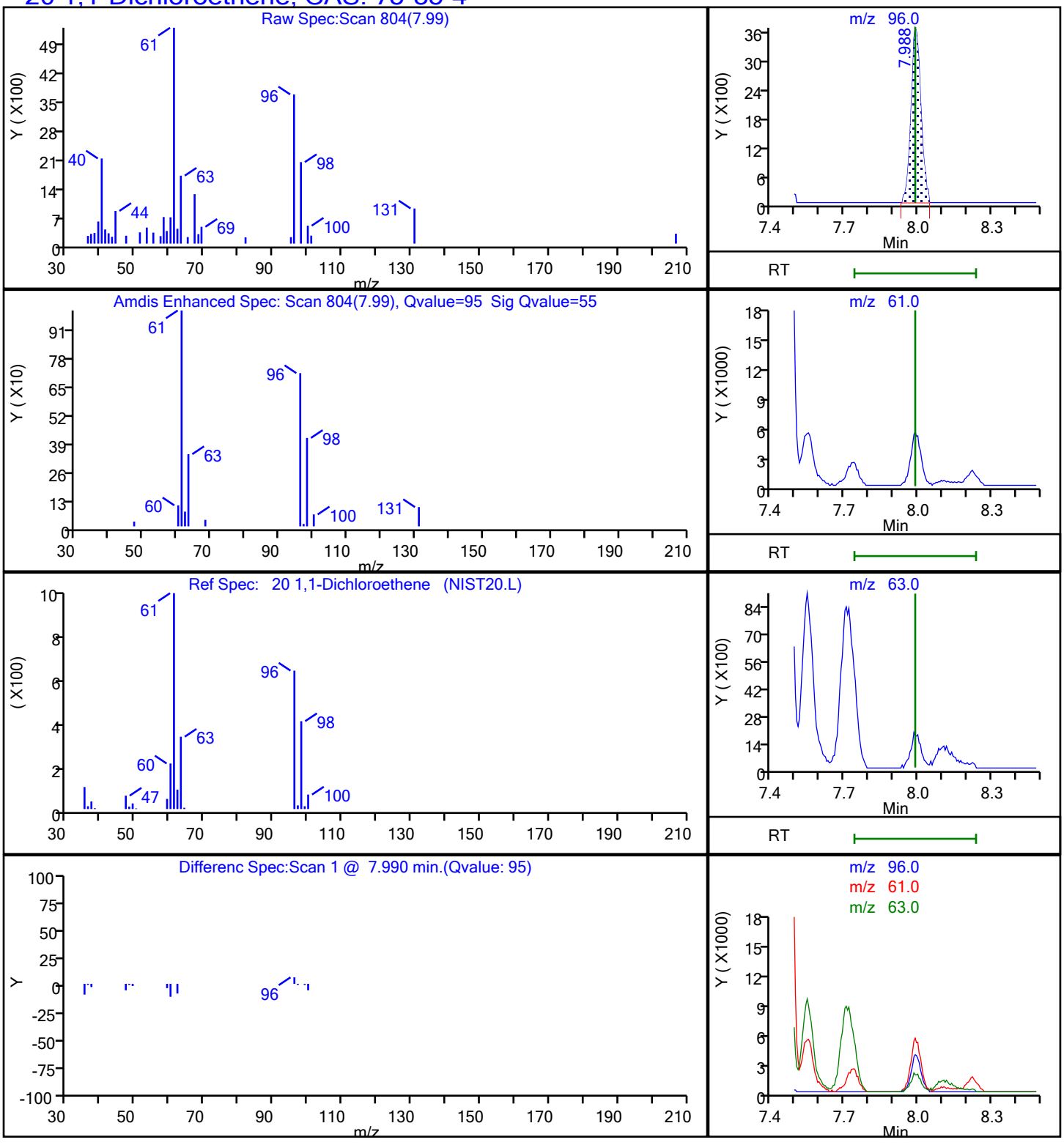


Report Date: 25-Jun-2025 11:10:10 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

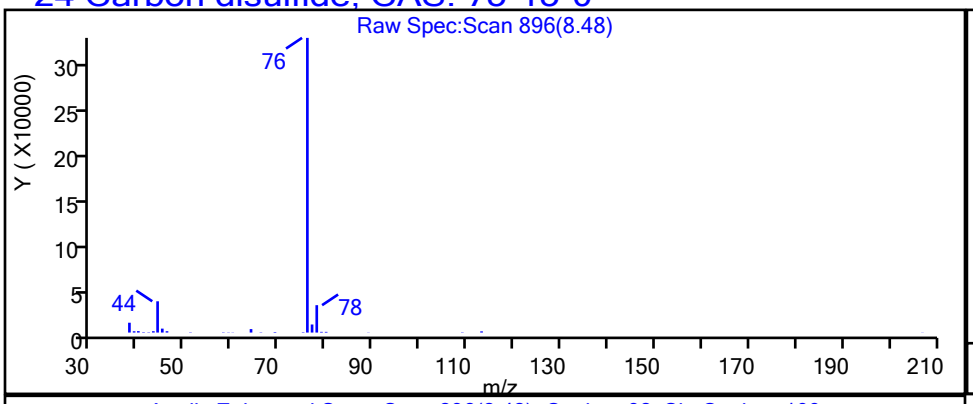


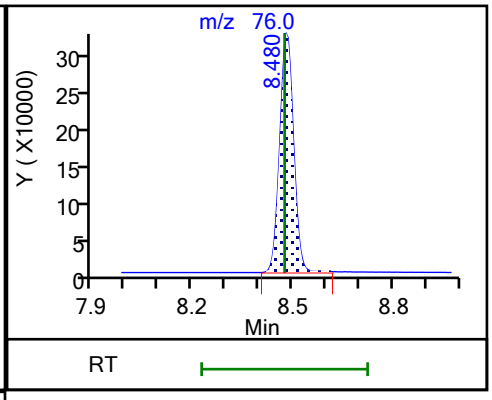
Report Date: 25-Jun-2025 11:10:10 Chrom Revision: 2.3 14-Jun-2025 12:06:34

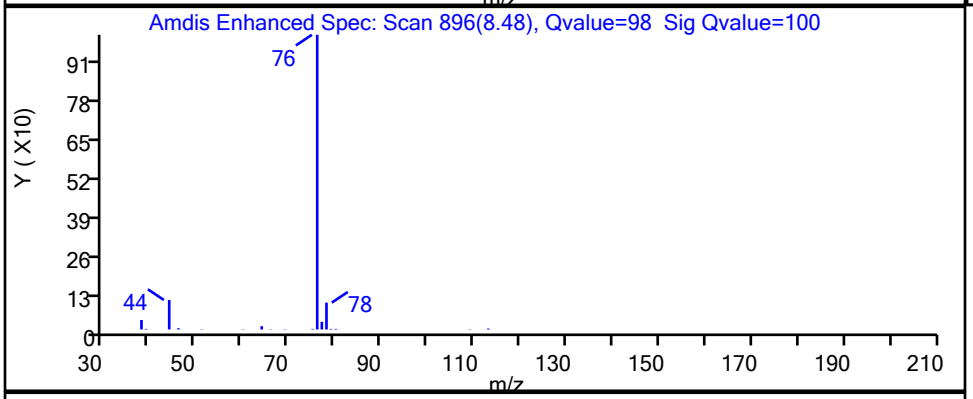
Eurofins Burlington

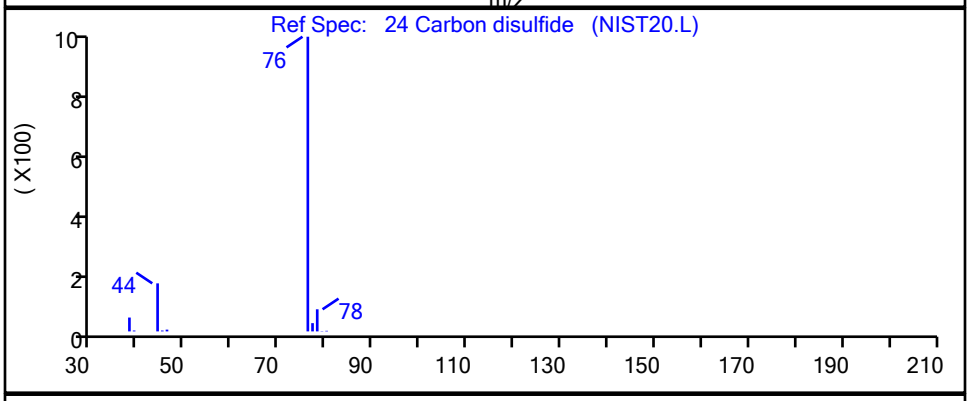
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Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

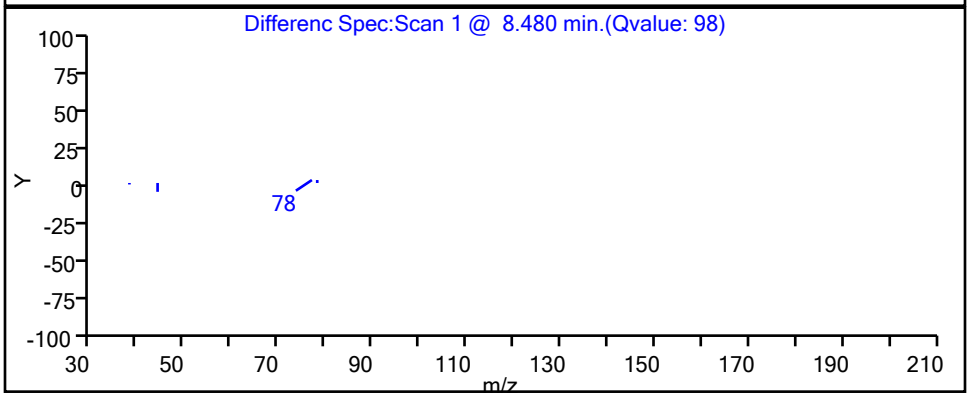
24 Carbon disulfide, CAS: 75-15-0









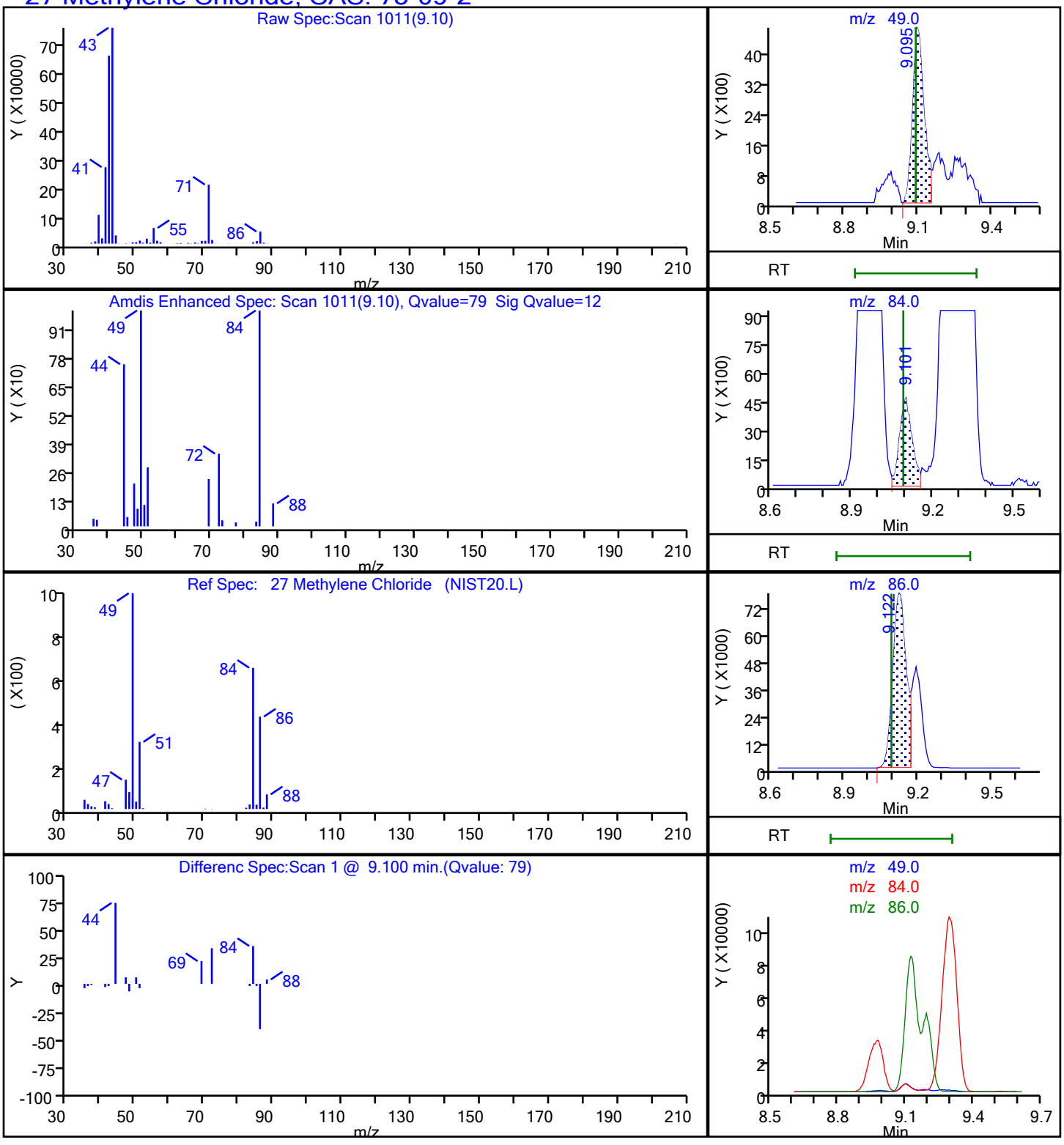


Report Date: 25-Jun-2025 11:10:10 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2



Report Date: 25-Jun-2025 11:10:10 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d

Injection Date: 24-Jun-2025 18:16:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-2 Lab Sample ID: 200-78438-2

Client ID: DUP-SV-06202025

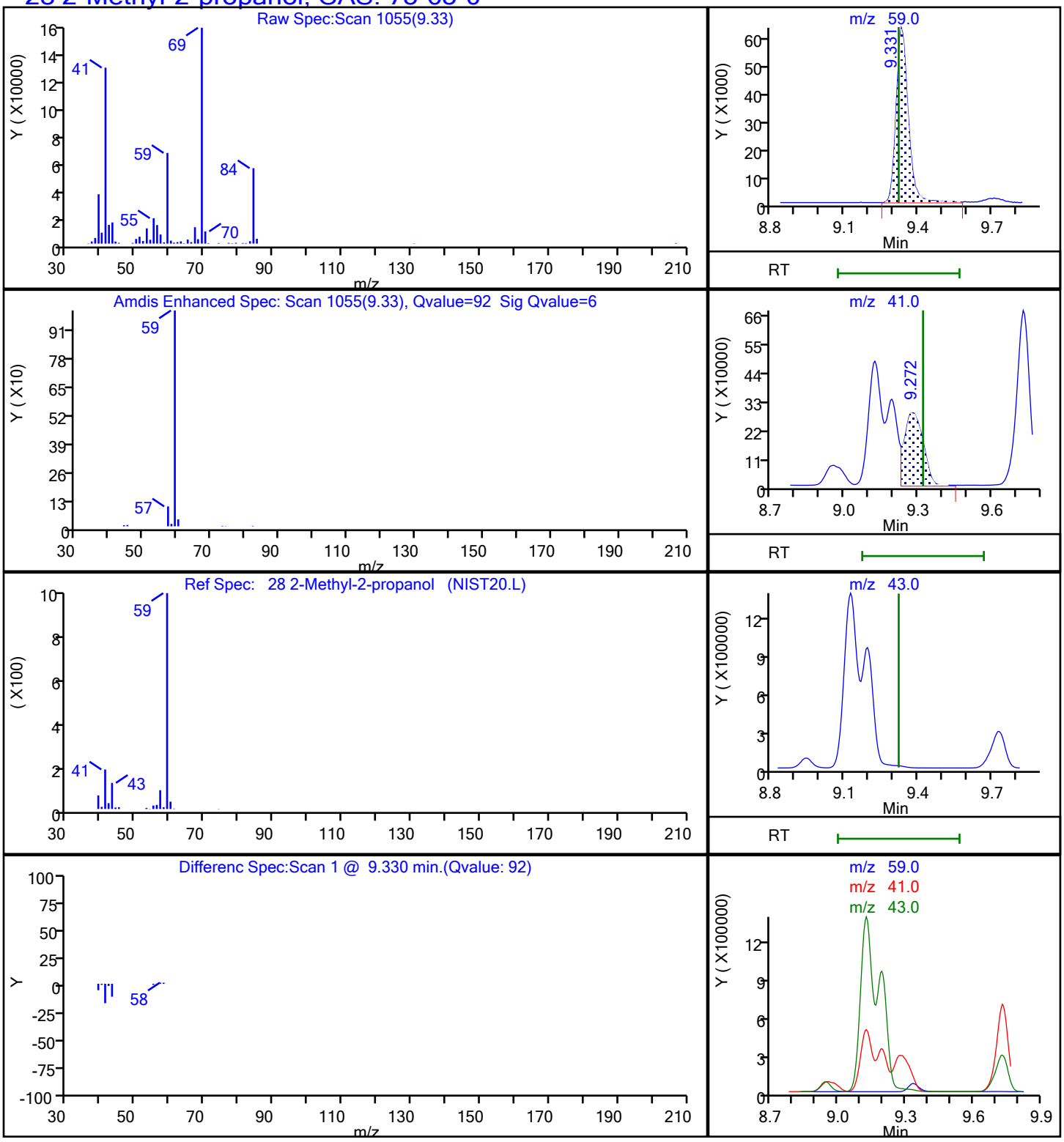
Operator ID: vtp ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

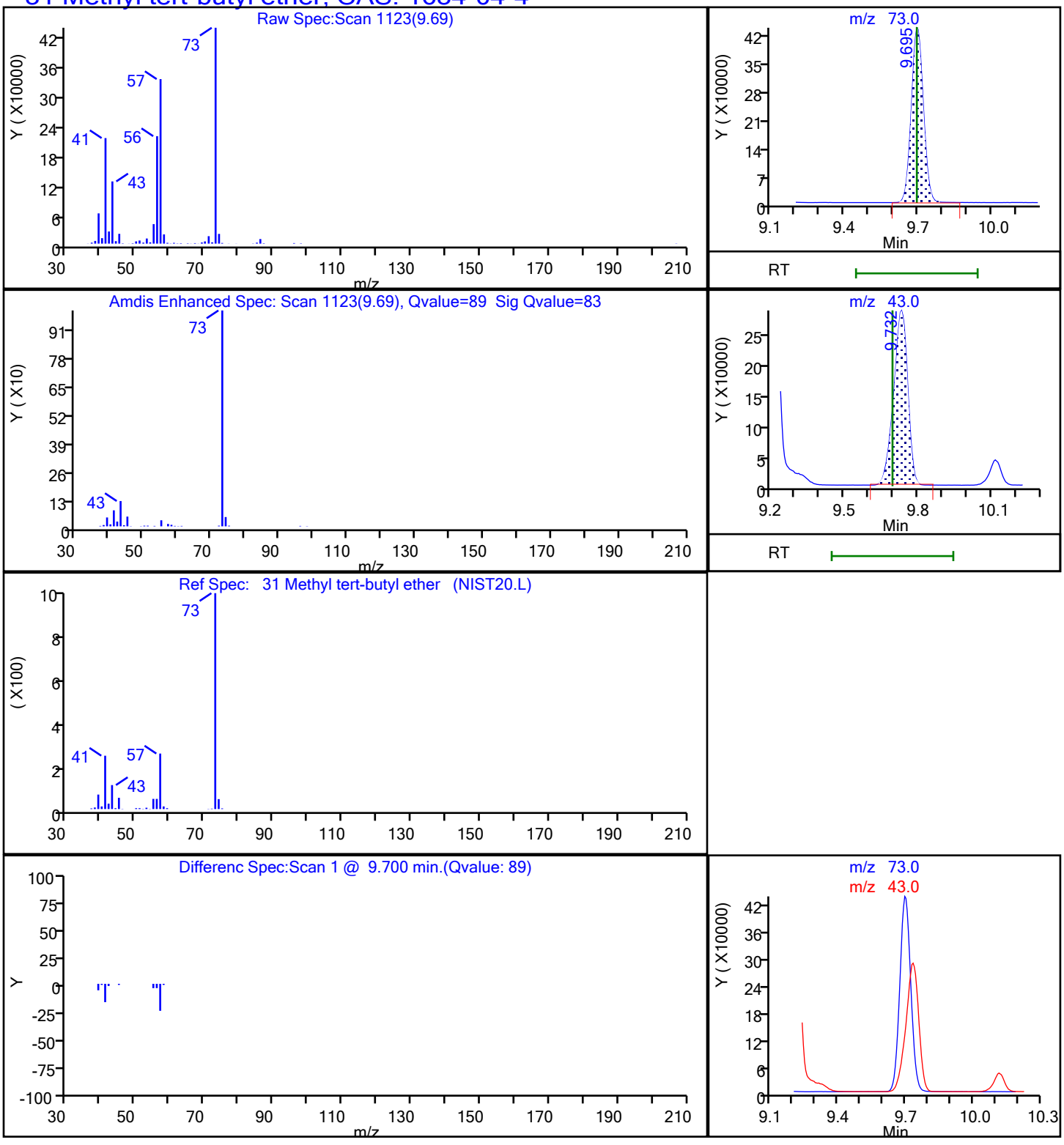


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Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



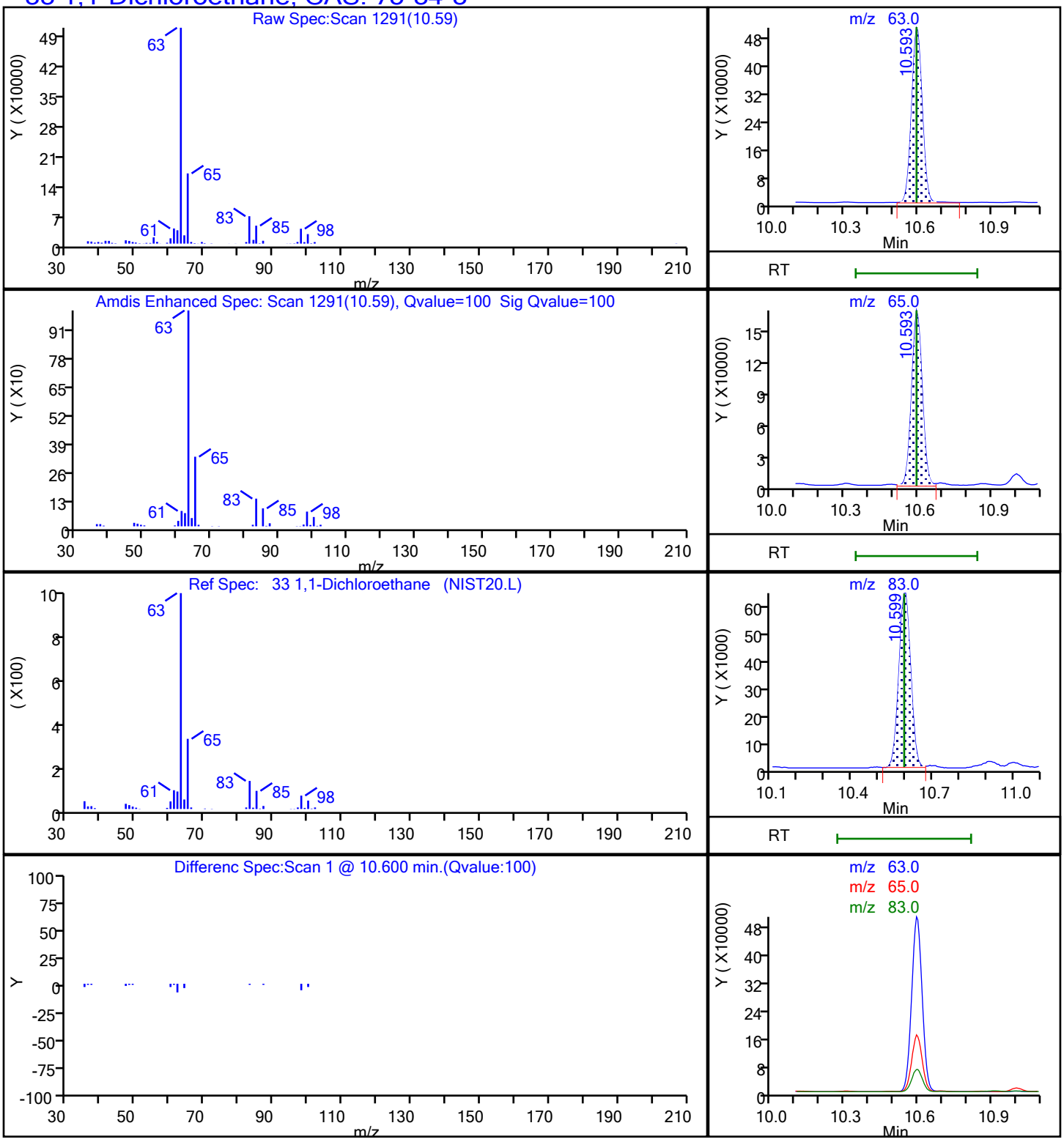
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d

Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

33 1,1-Dichloroethane, CAS: 75-34-3

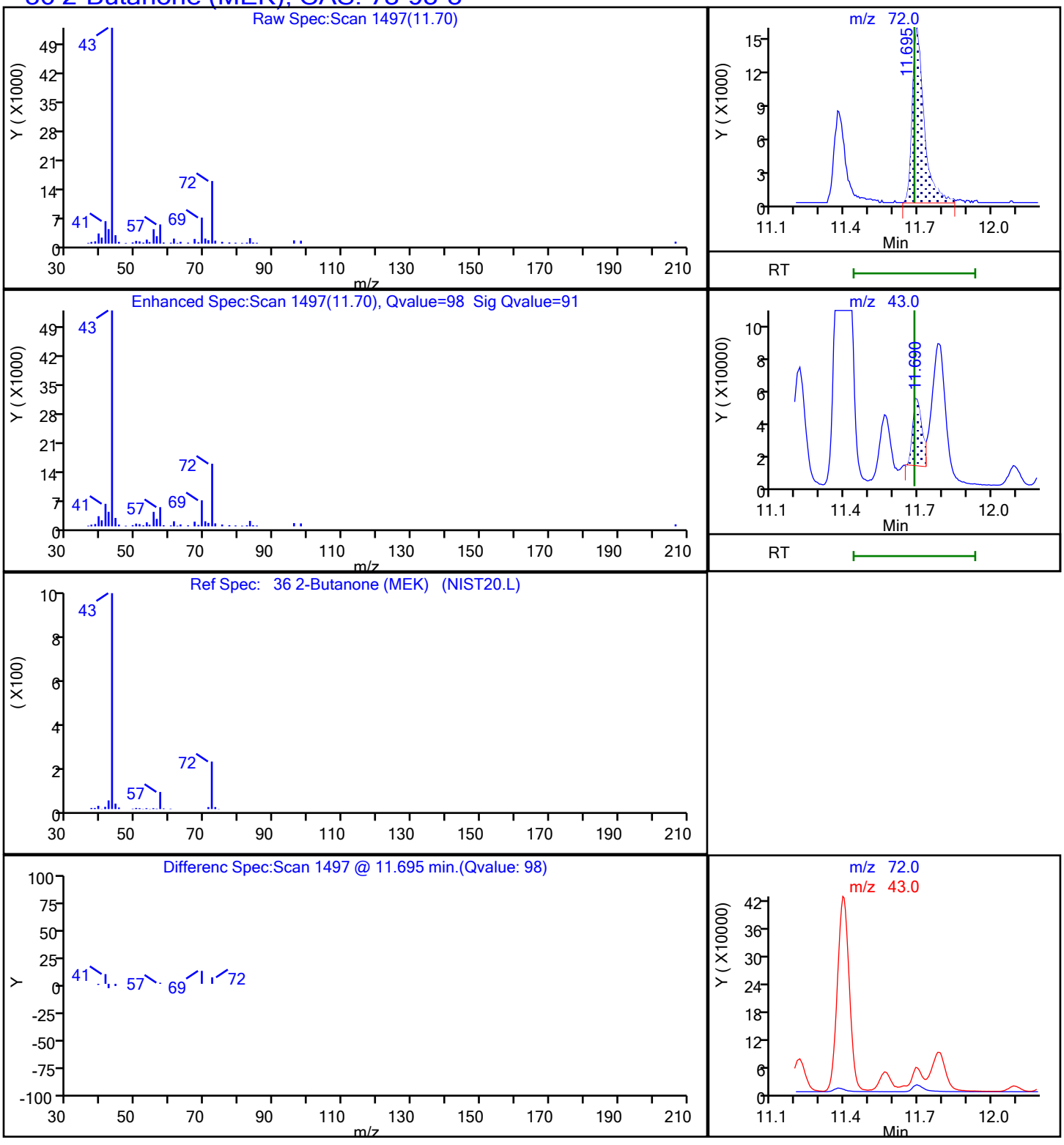


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Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

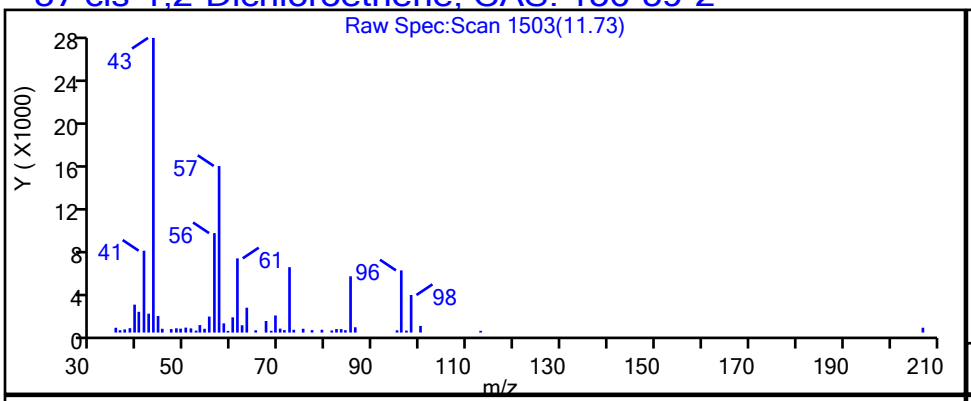


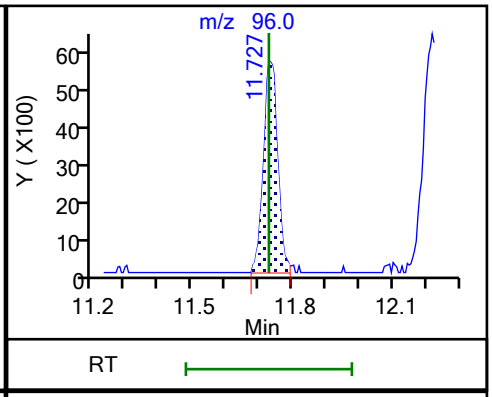
Report Date: 25-Jun-2025 11:10:10 Chrom Revision: 2.3 14-Jun-2025 12:06:34

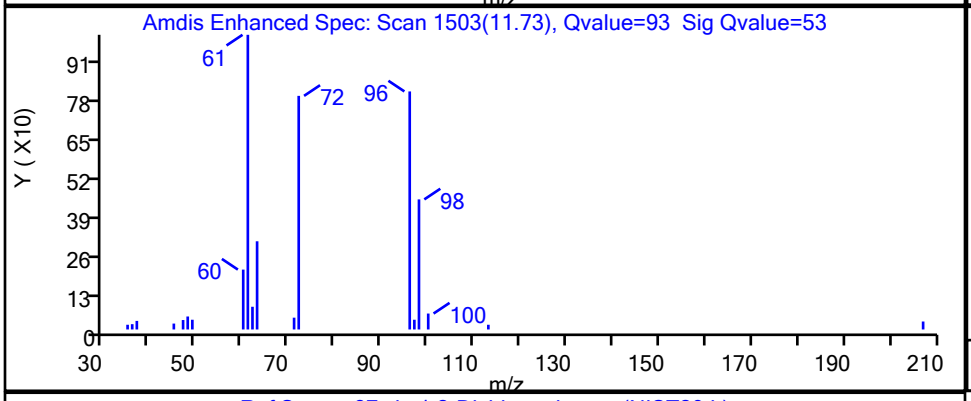
Eurofins Burlington

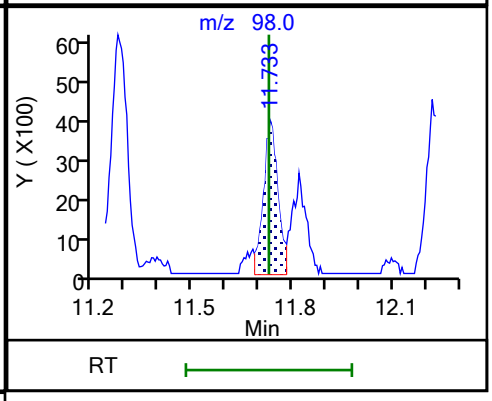
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

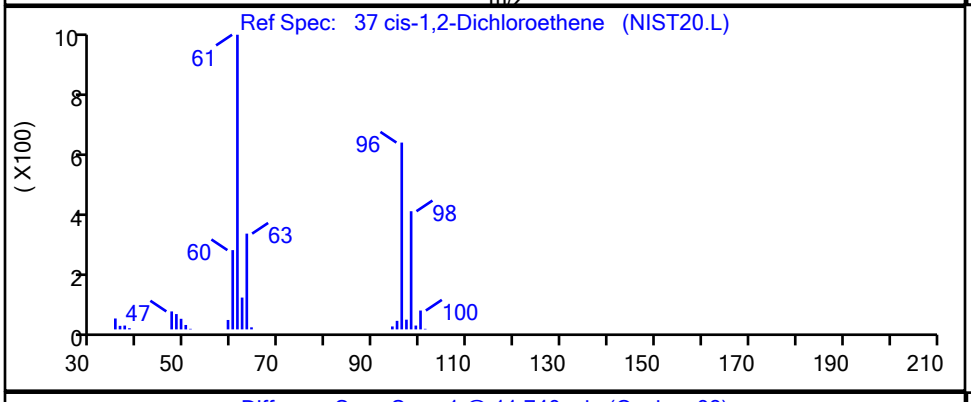
37 cis-1,2-Dichloroethene, CAS: 156-59-2

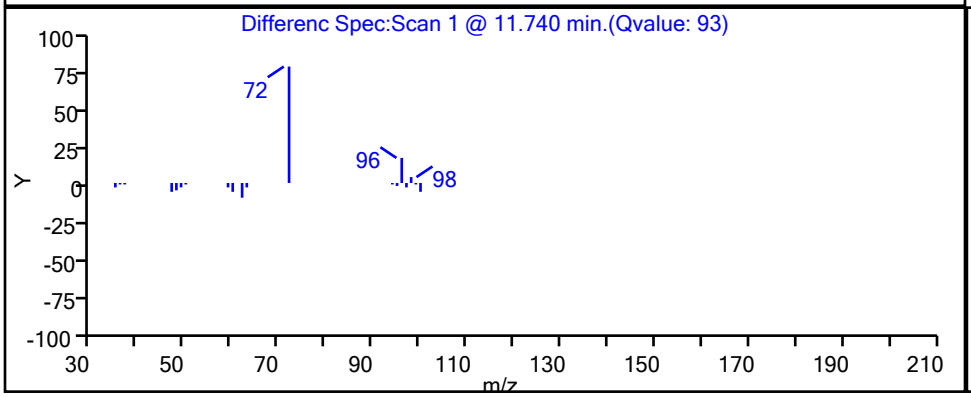


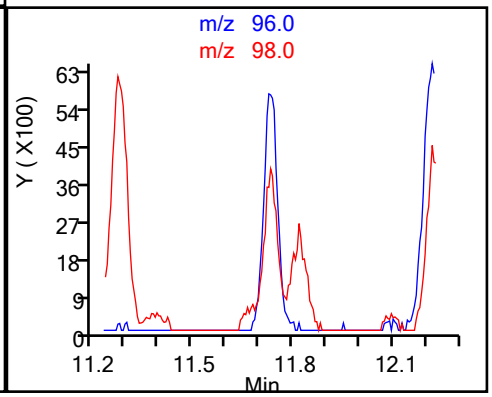










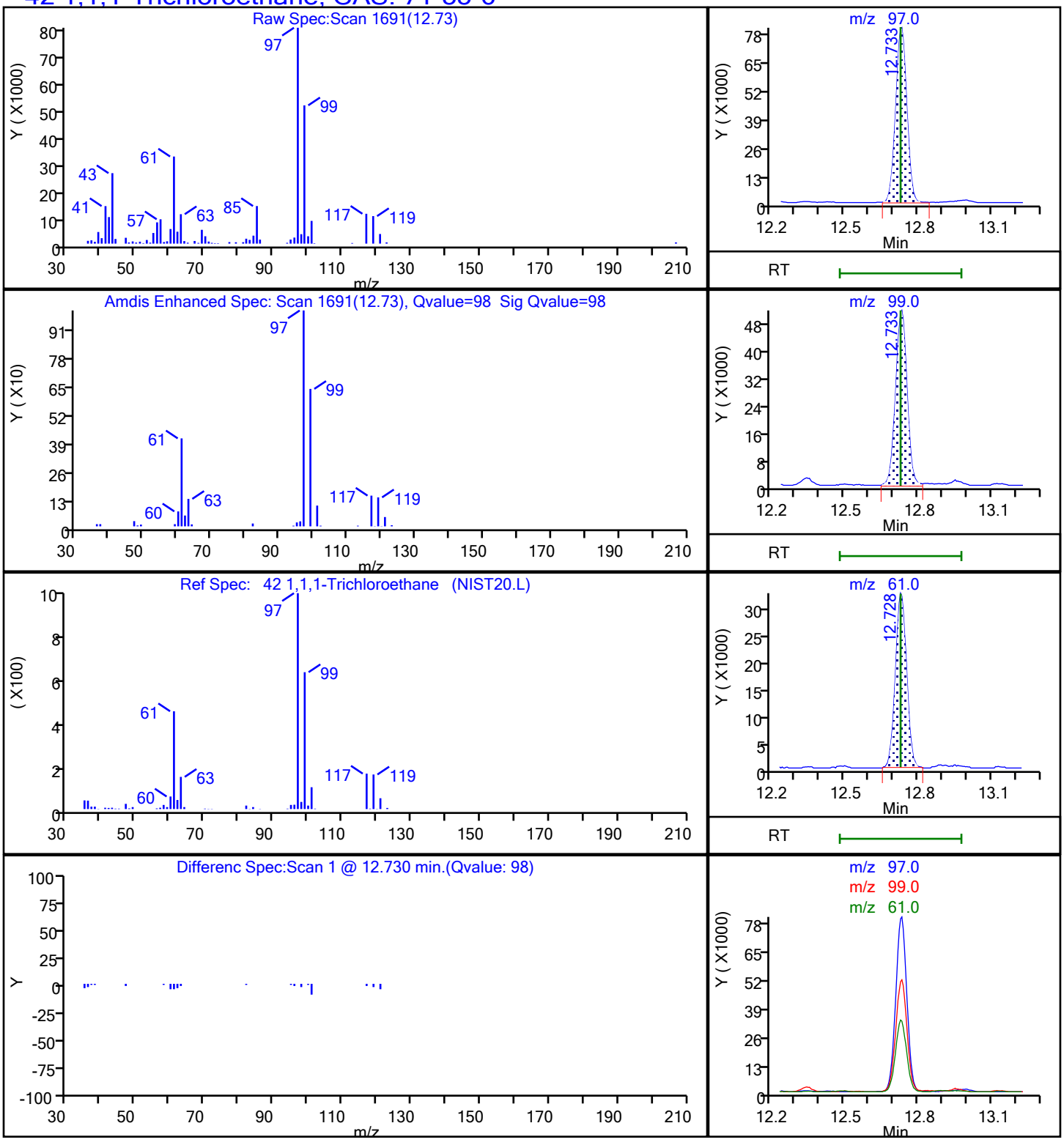


Report Date: 25-Jun-2025 11:10:10 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

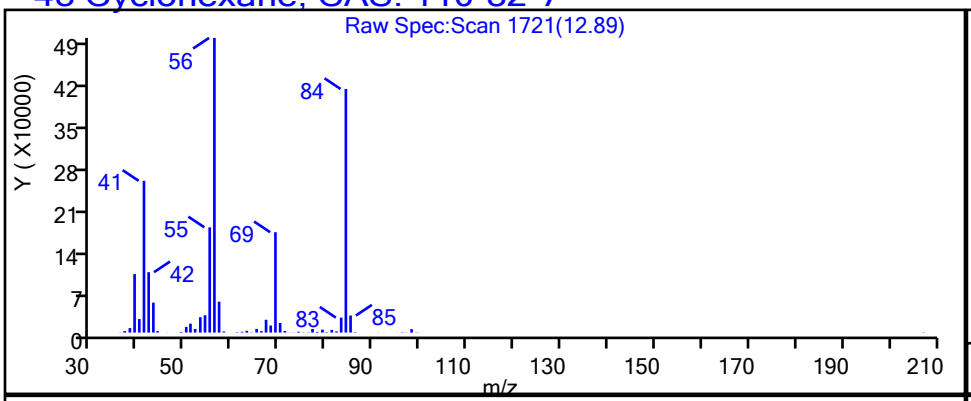


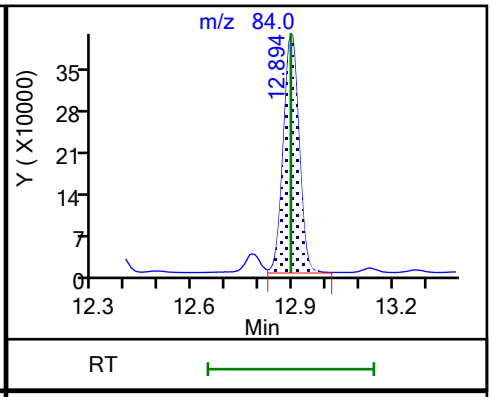
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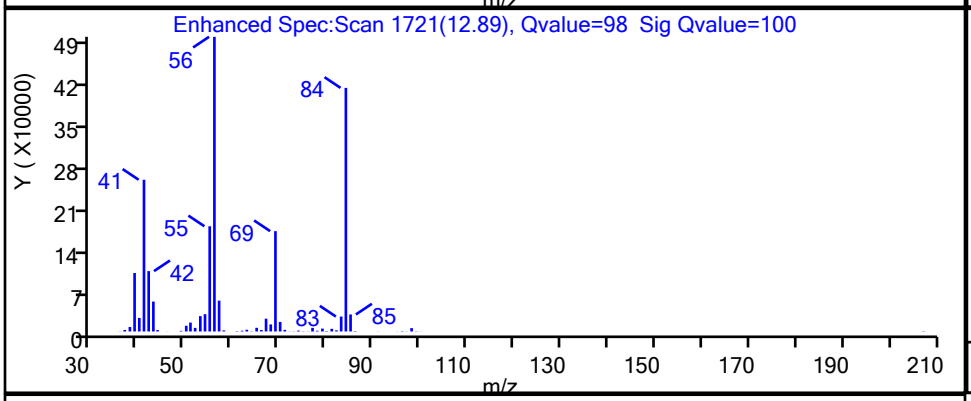
Eurofins Burlington

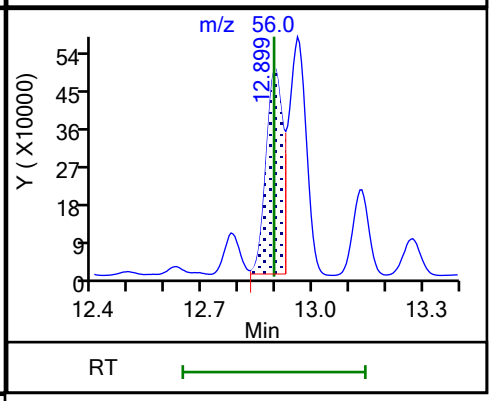
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

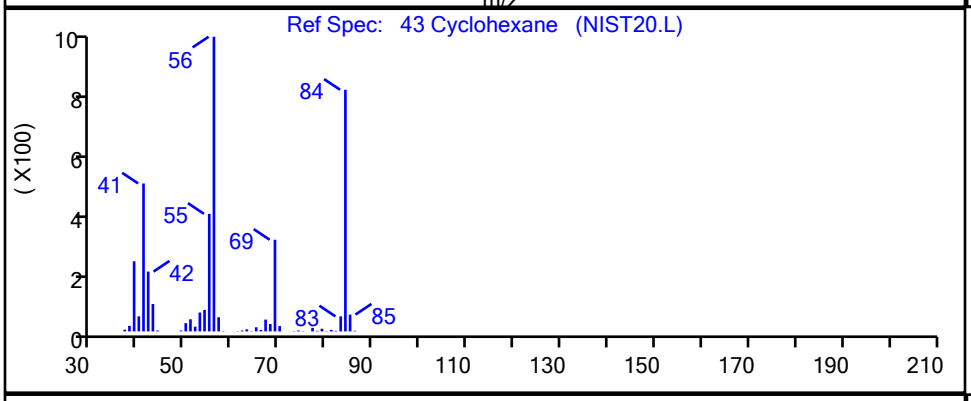
43 Cyclohexane, CAS: 110-82-7

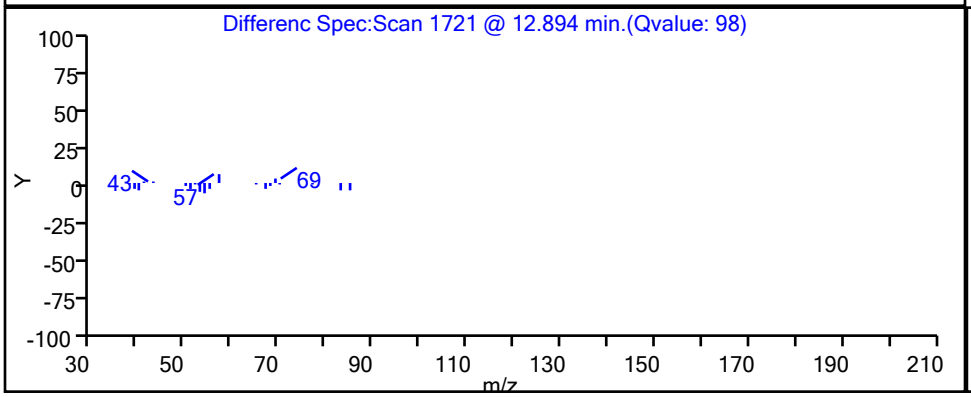


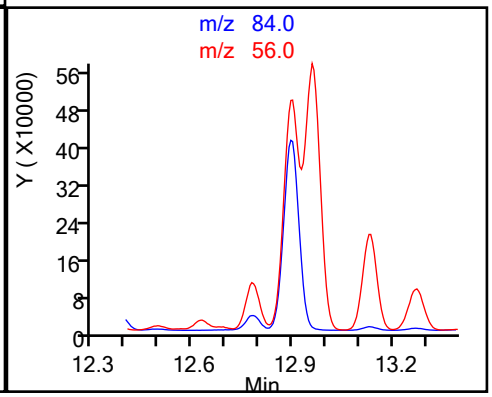












Report Date: 25-Jun-2025 11:10:11 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d

Injection Date: 24-Jun-2025 18:16:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-2 Lab Sample ID: 200-78438-2

Client ID: DUP-SV-06202025

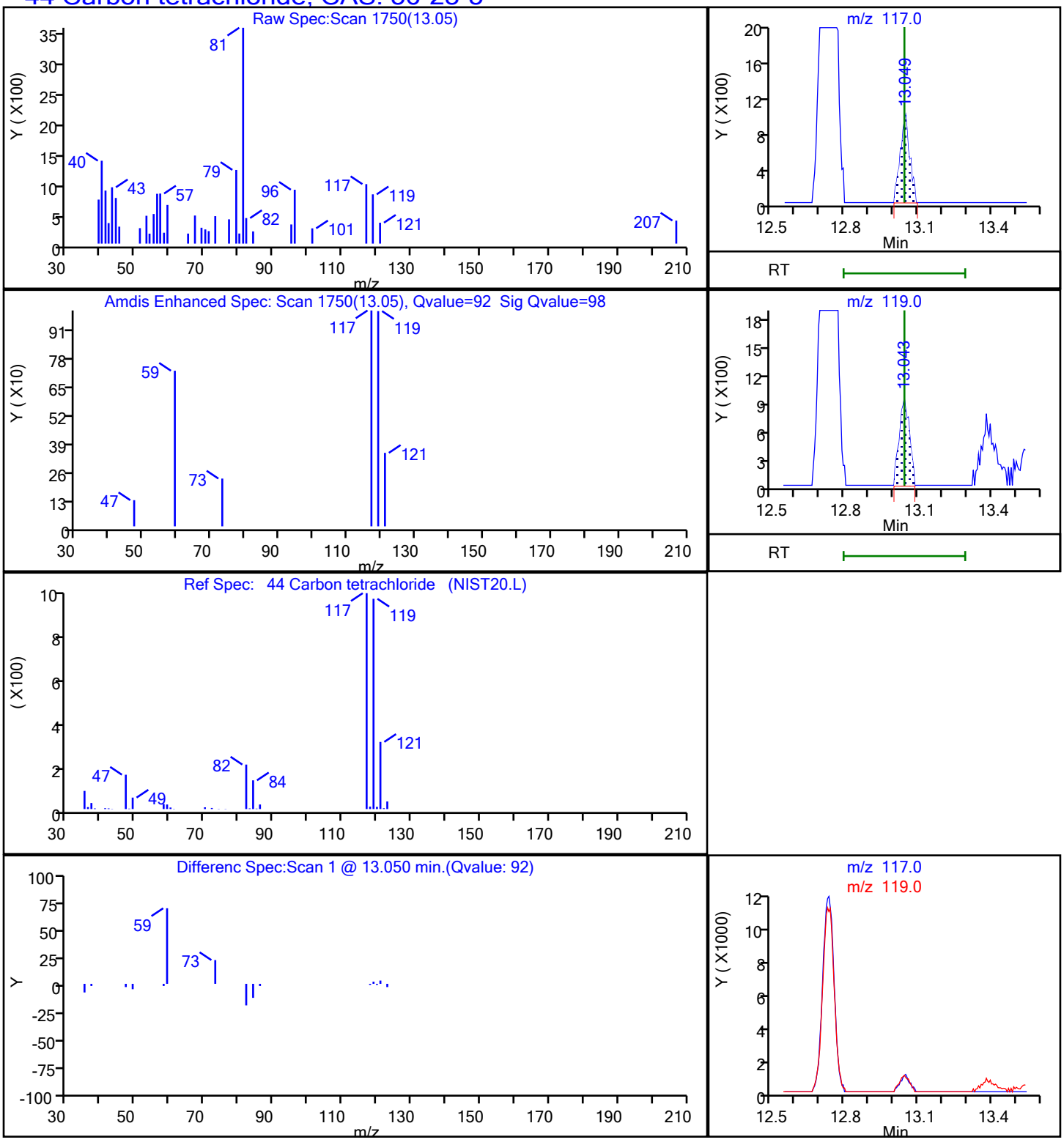
Operator ID: vtp ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

44 Carbon tetrachloride, CAS: 56-23-5

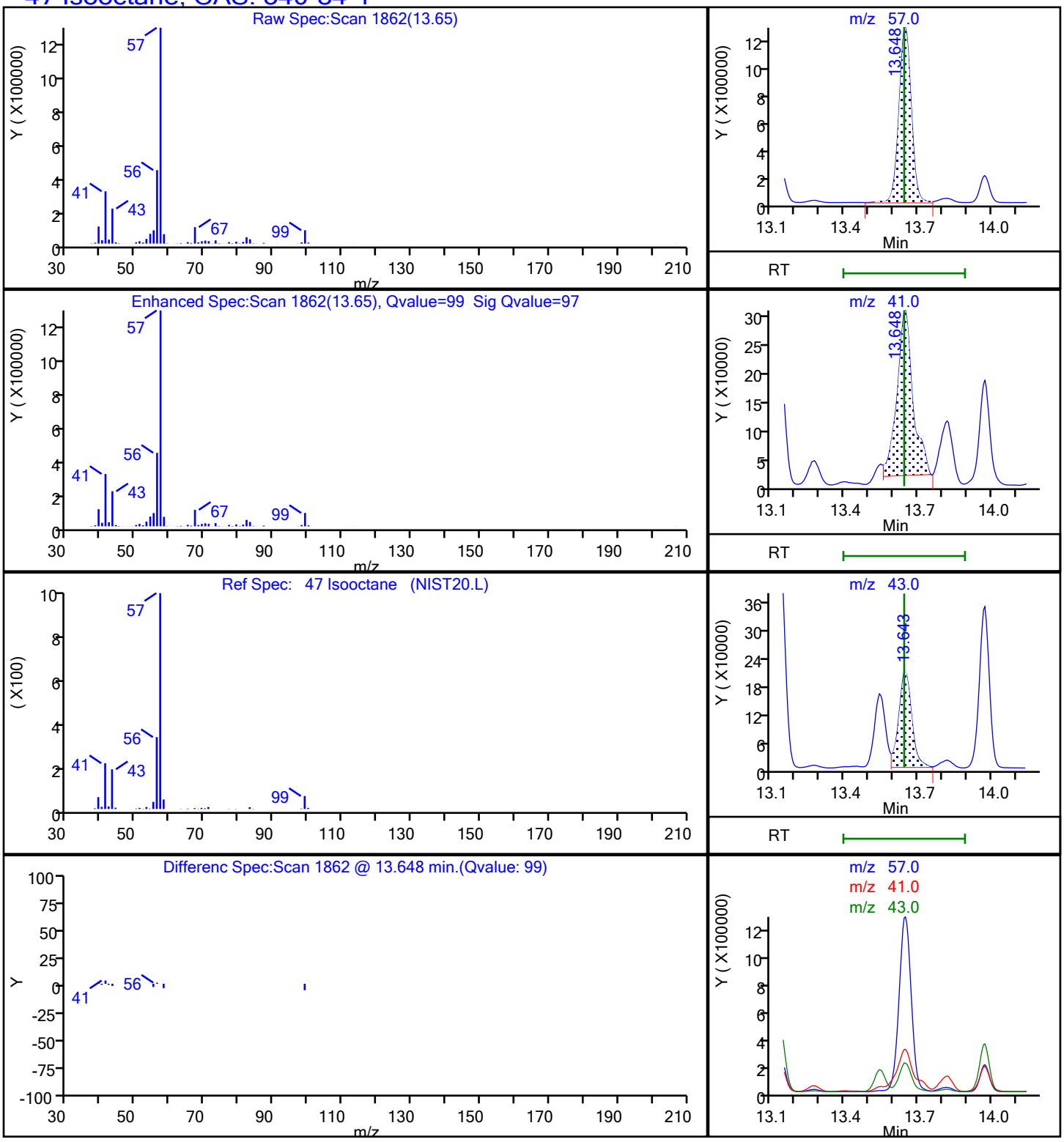


Report Date: 25-Jun-2025 11:10:11 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Isooctane, CAS: 540-84-1

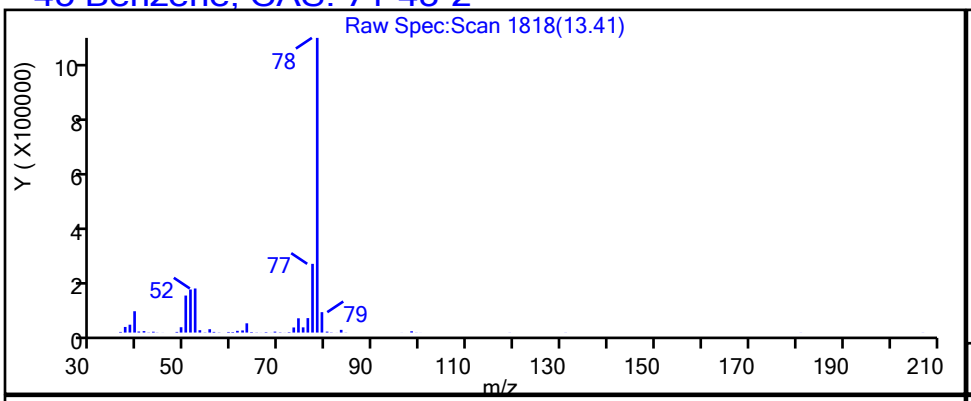


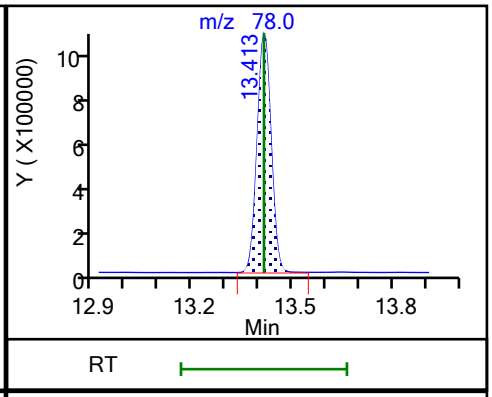
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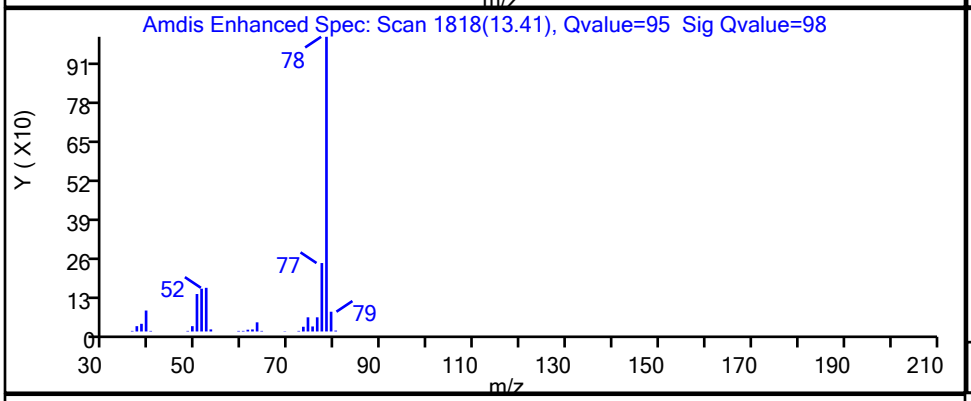
Eurofins Burlington

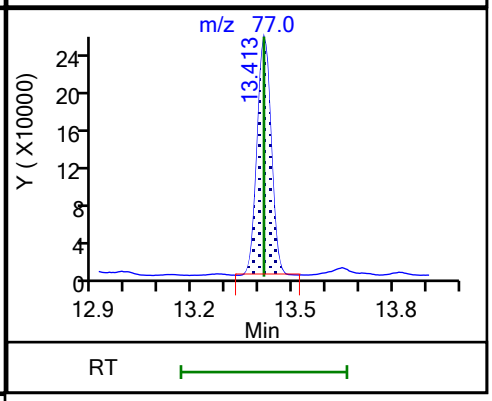
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

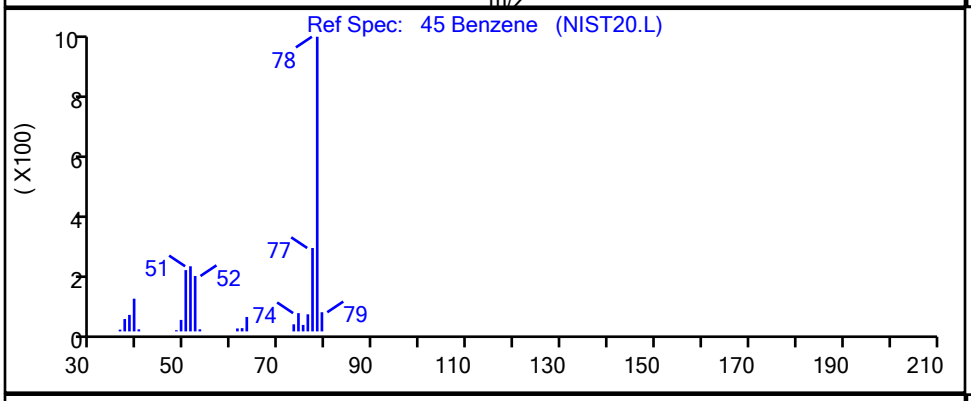
45 Benzene, CAS: 71-43-2

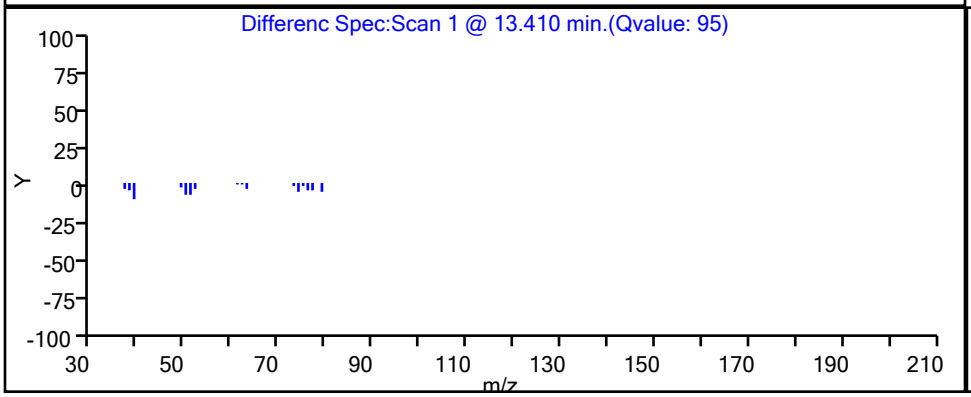


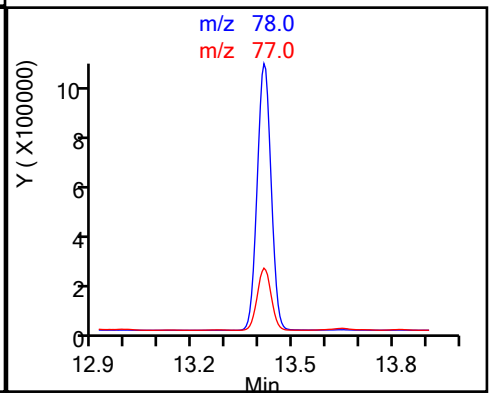












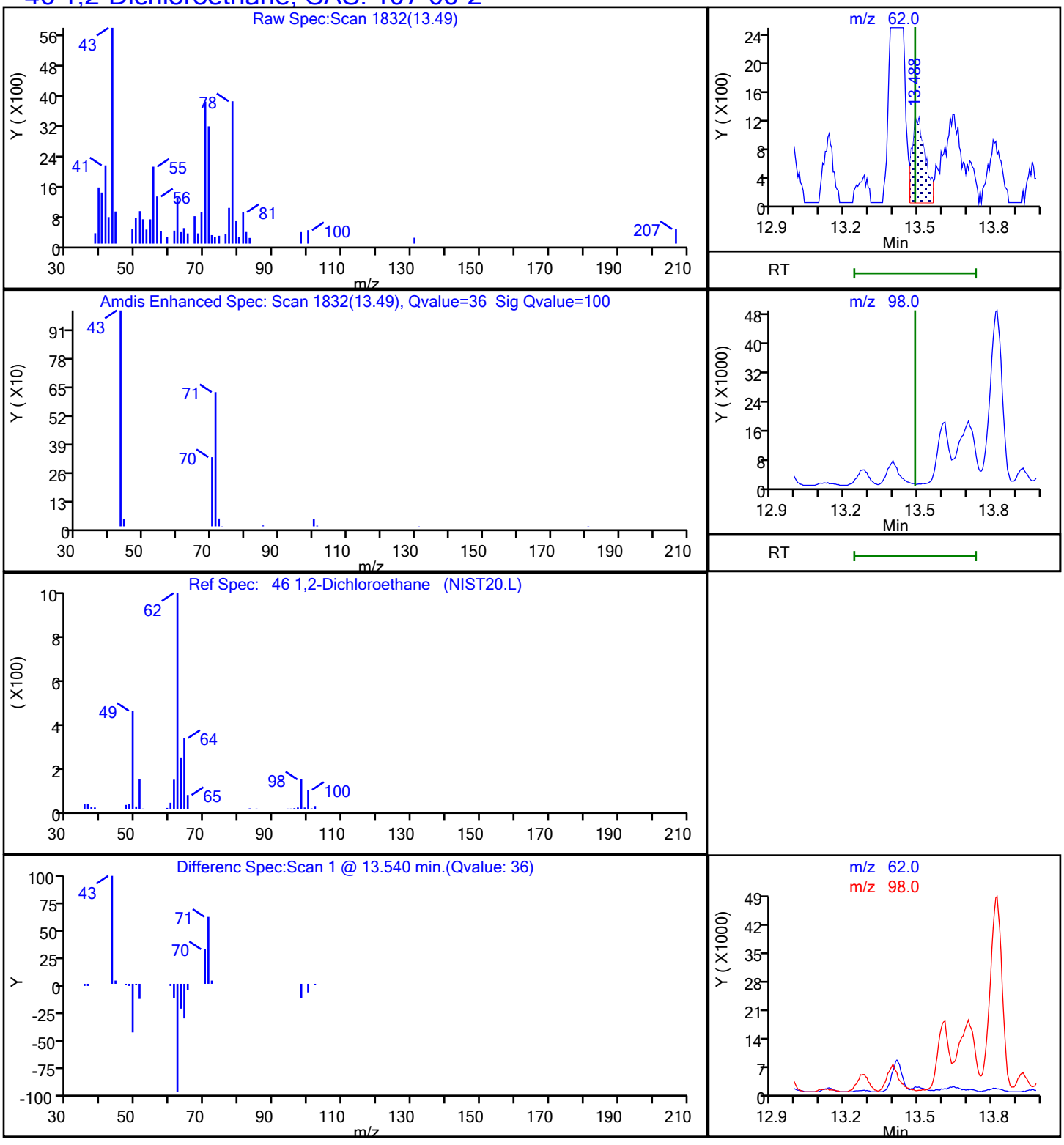
Report Date: 25-Jun-2025 11:10:11 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d

Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 1,2-Dichloroethane, CAS: 107-06-2

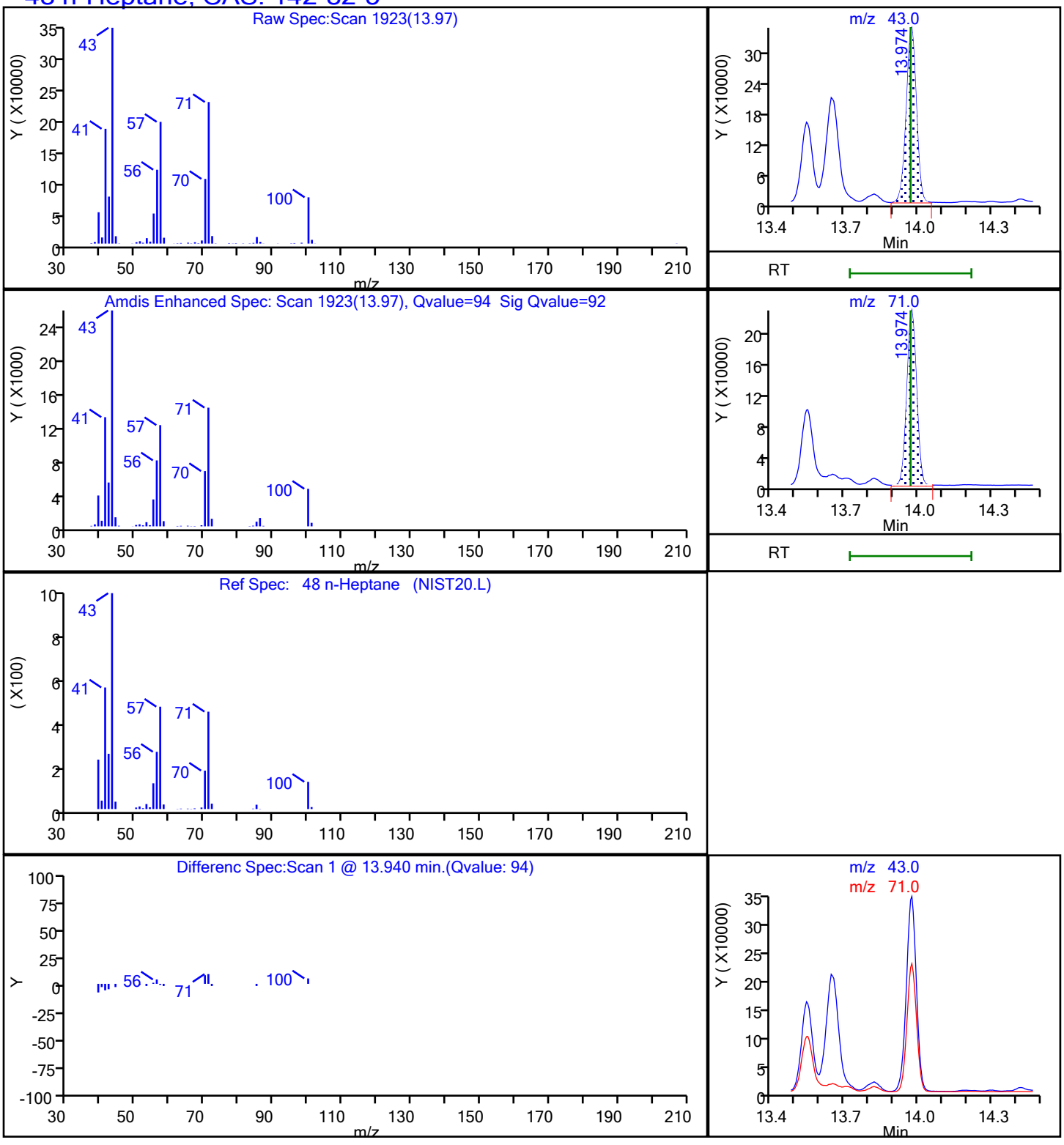


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Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

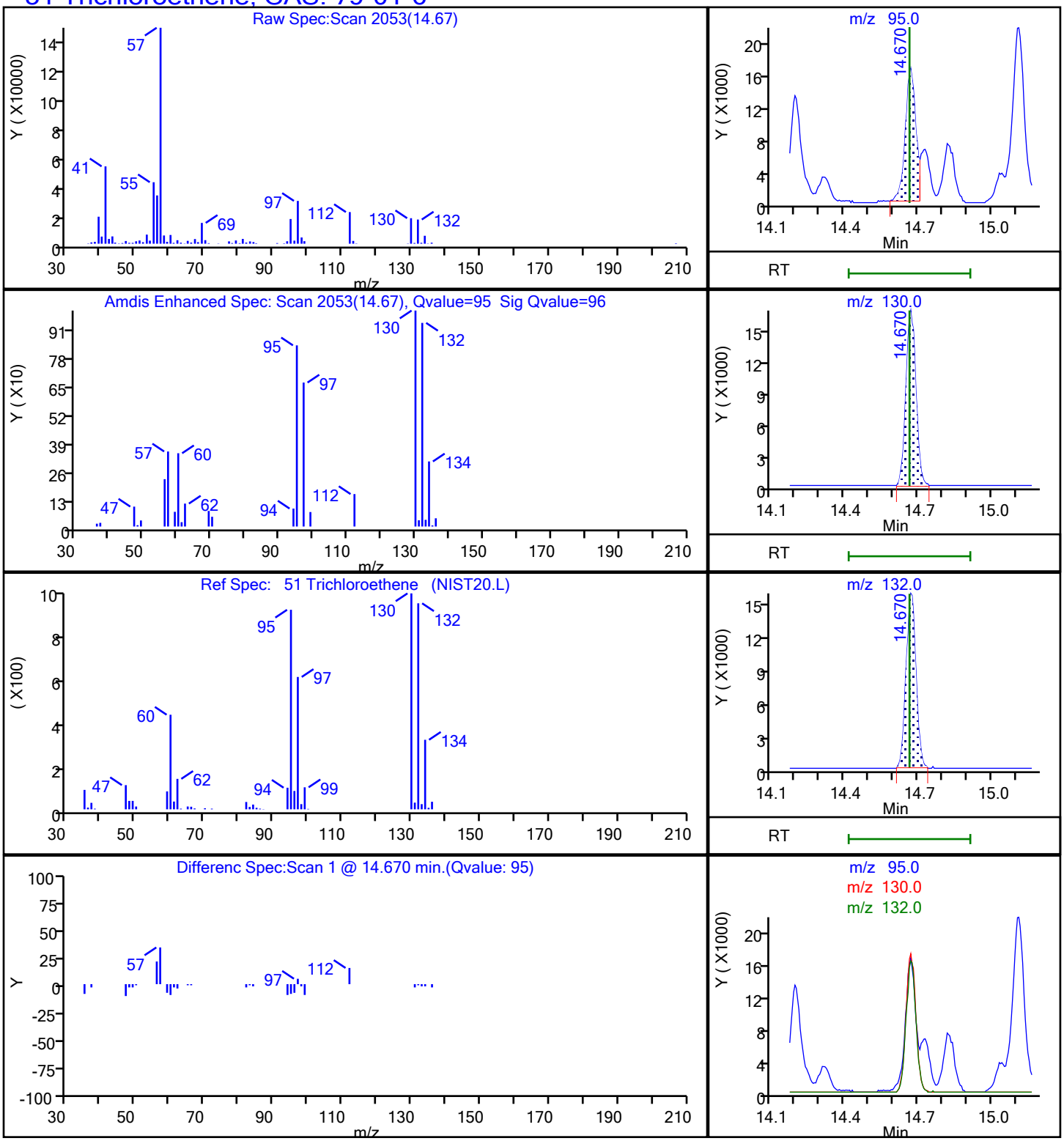


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Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

51 Trichloroethene, CAS: 79-01-6

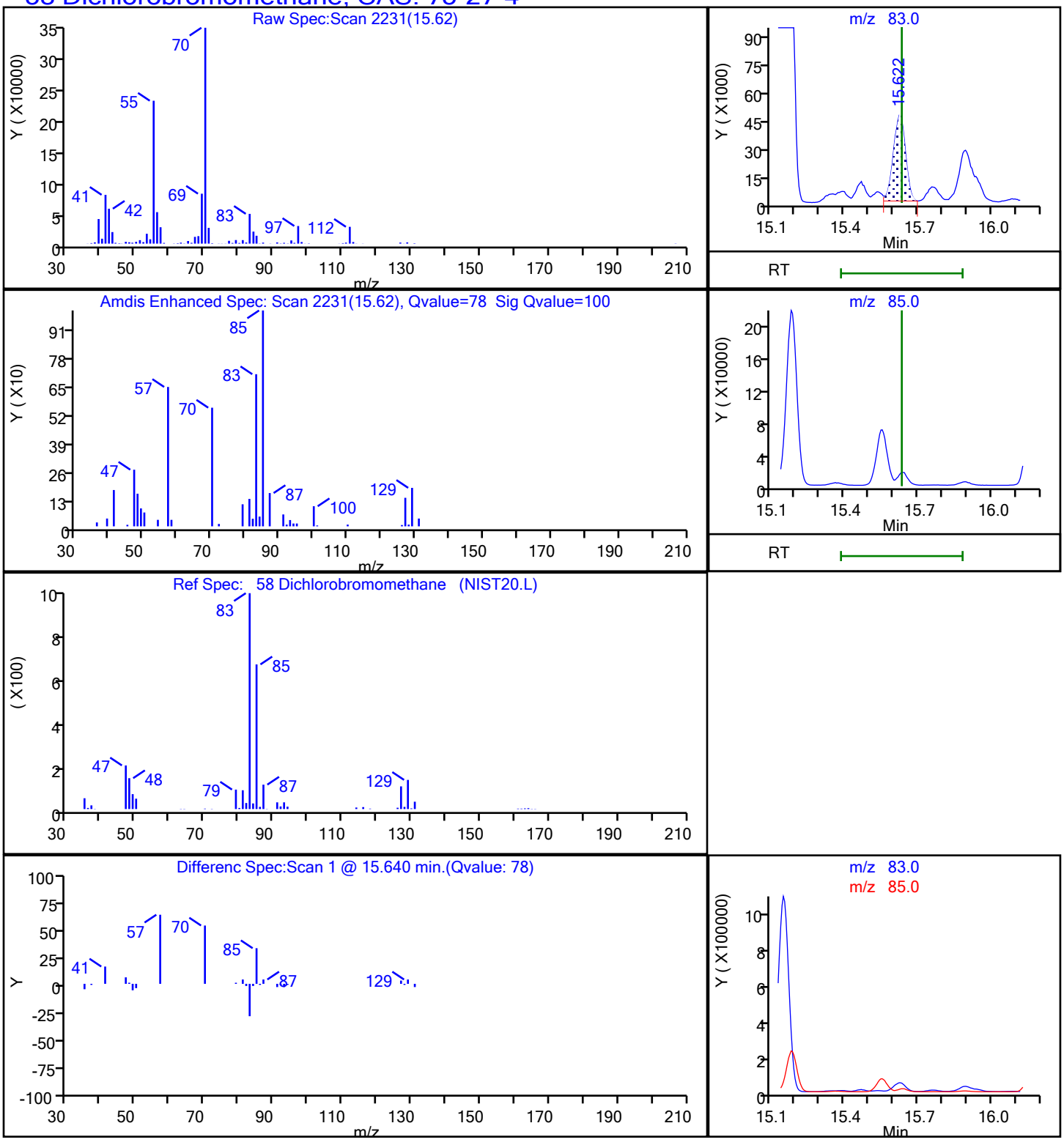


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Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

58 Dichlorobromomethane, CAS: 75-27-4

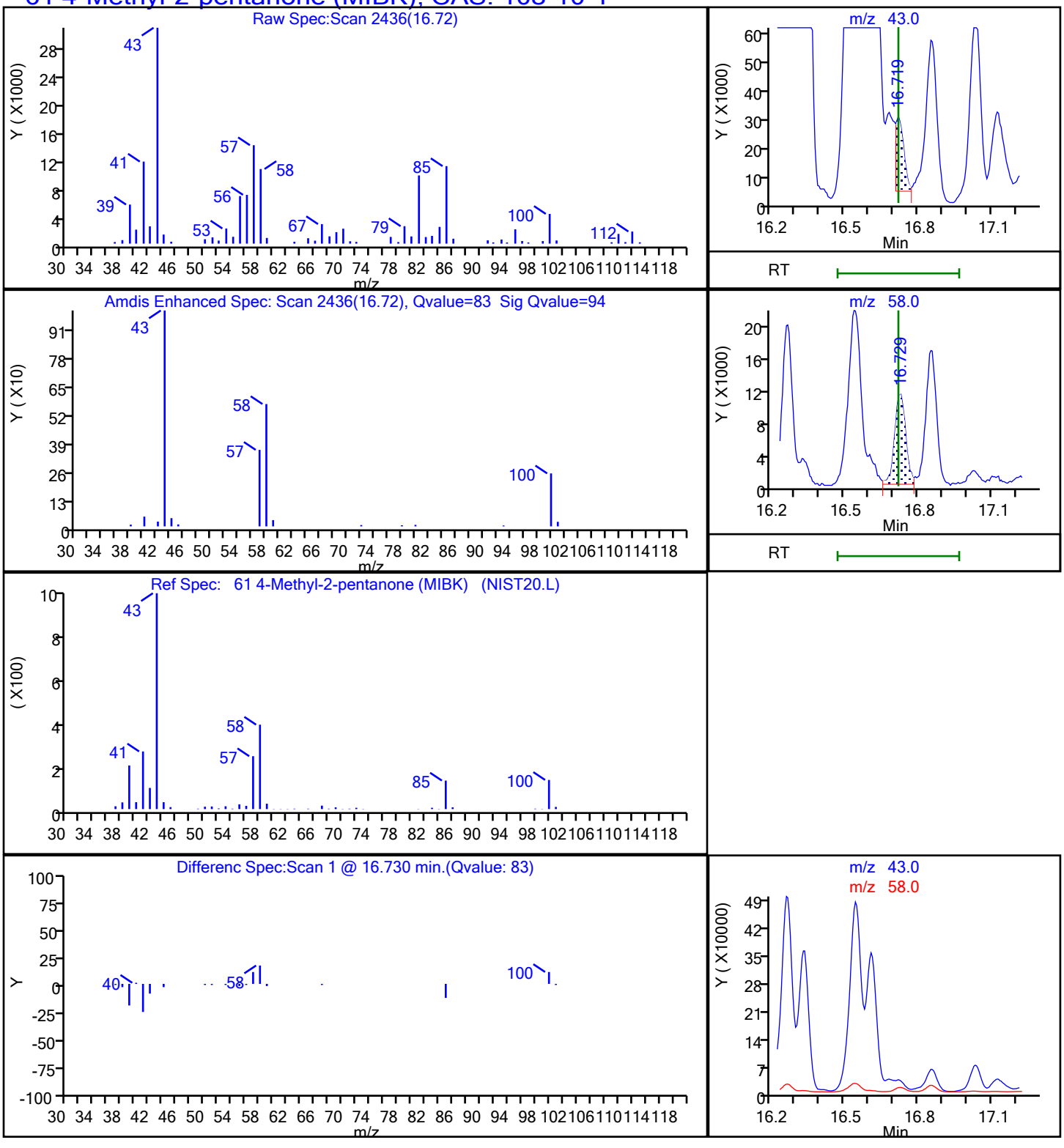


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Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

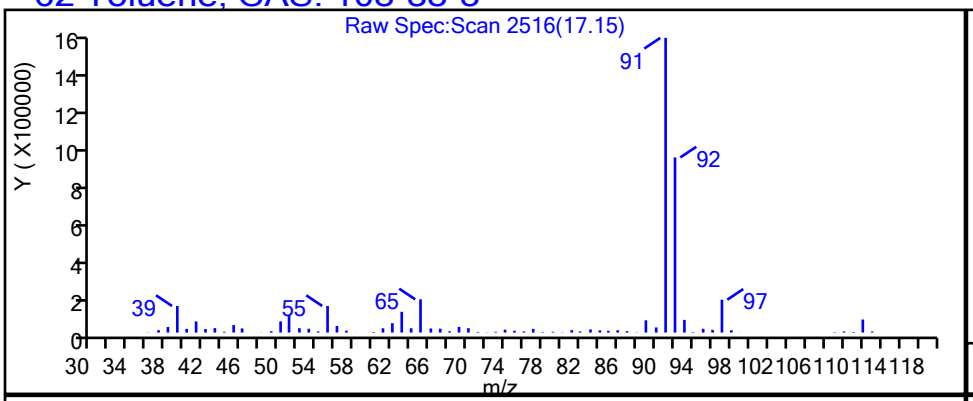


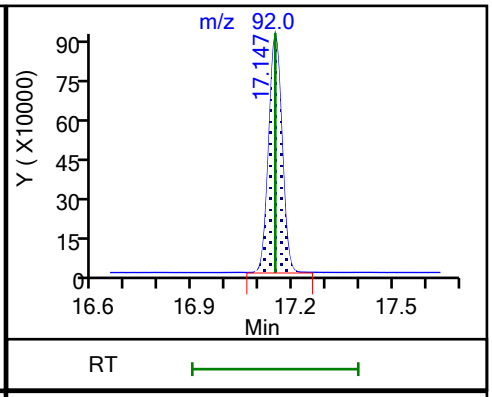
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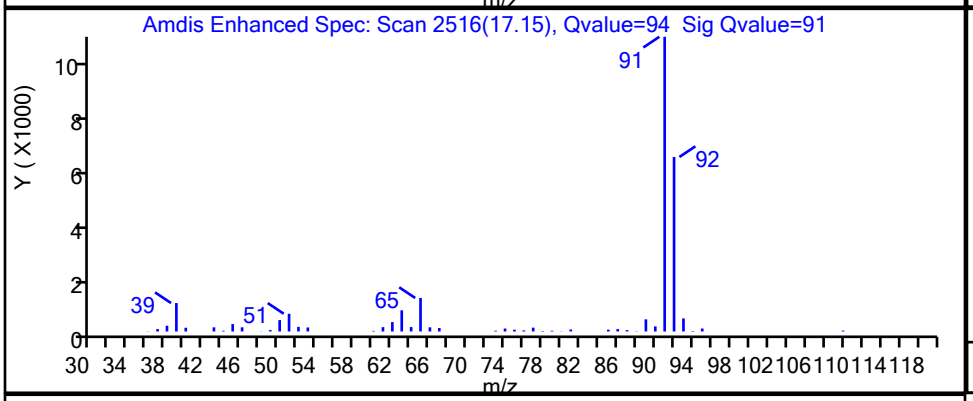
Eurofins Burlington

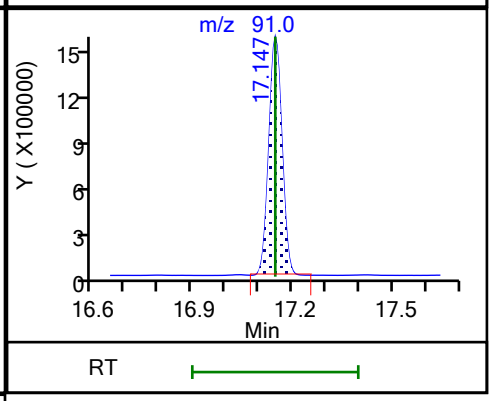
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

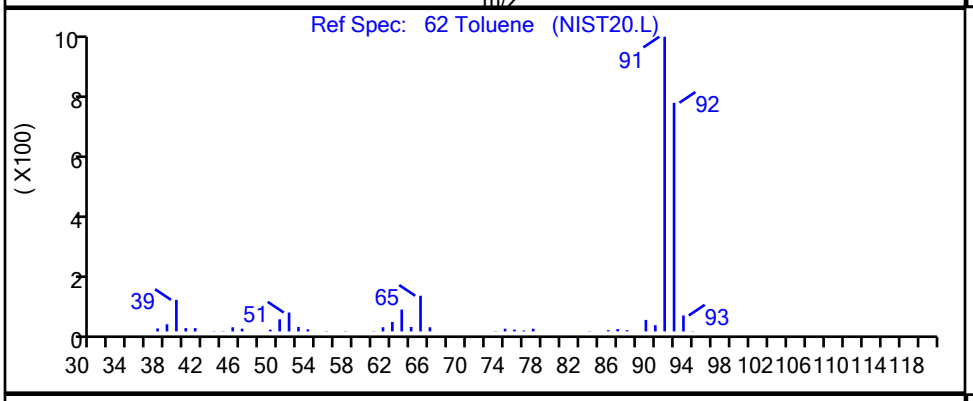
62 Toluene, CAS: 108-88-3

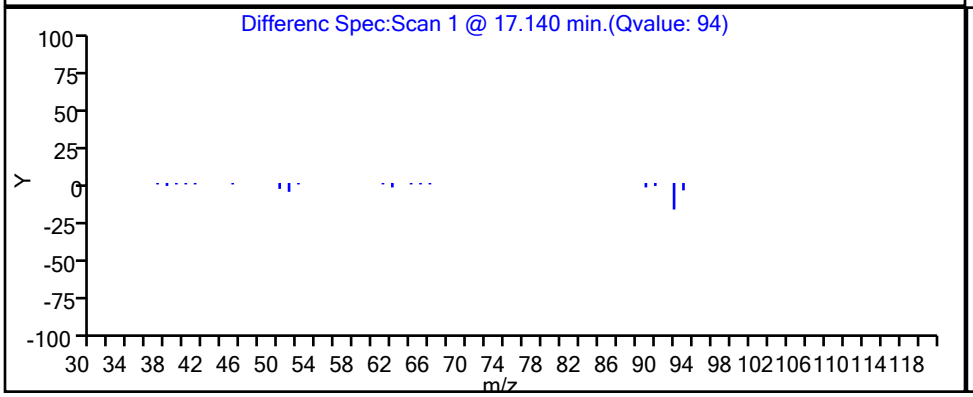


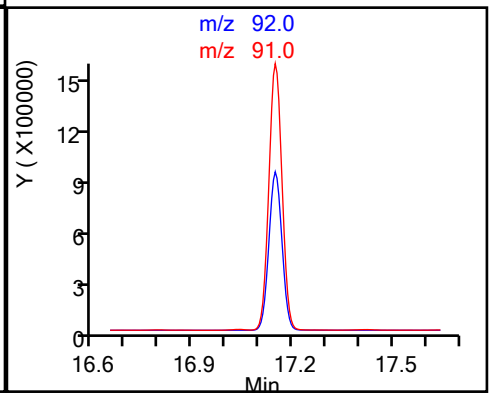












Report Date: 25-Jun-2025 11:10:11 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d

Injection Date: 24-Jun-2025 18:16:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-2 Lab Sample ID: 200-78438-2

Client ID: DUP-SV-06202025

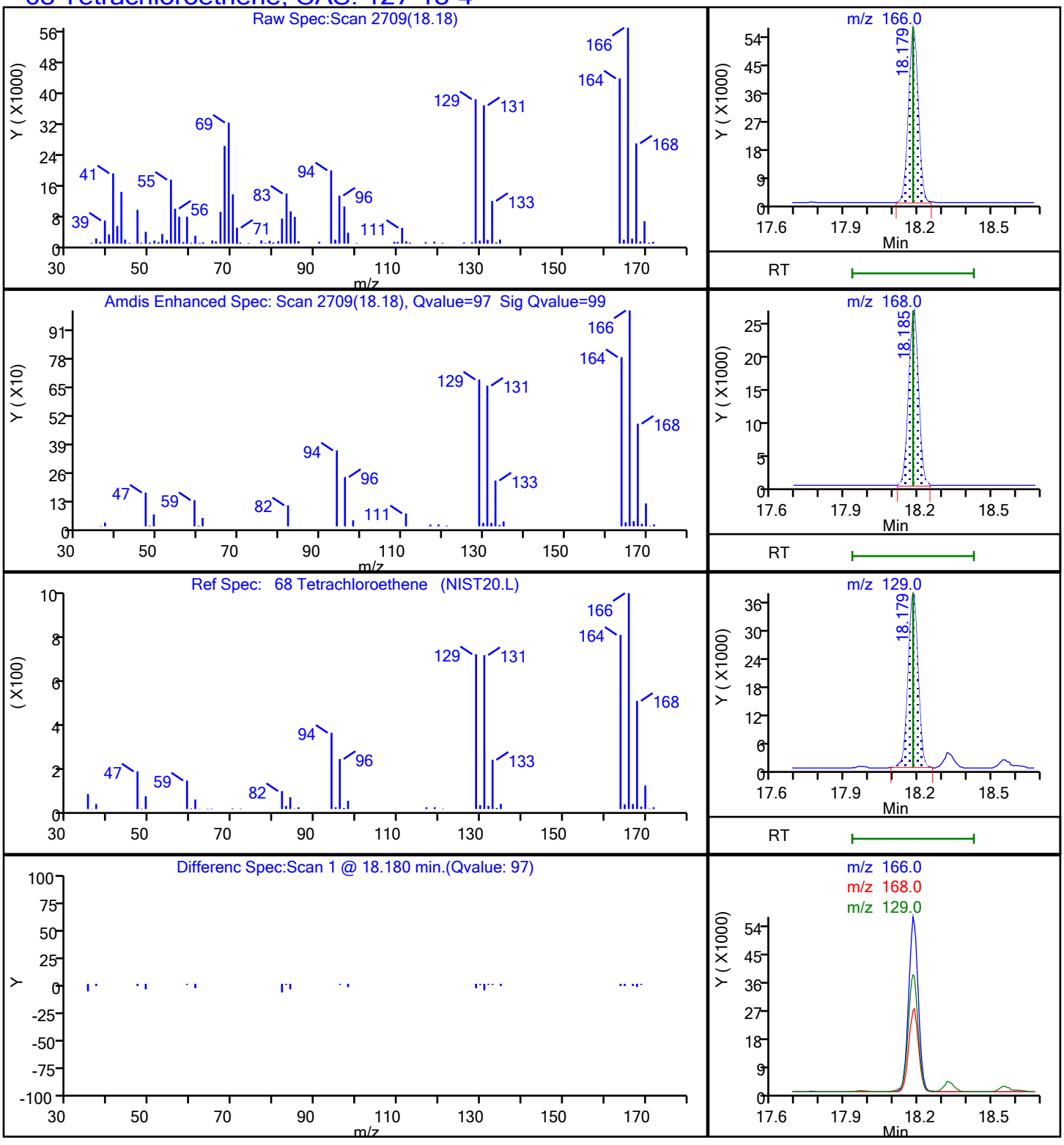
Operator ID: vtp ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

68 Tetrachloroethene, CAS: 127-18-4



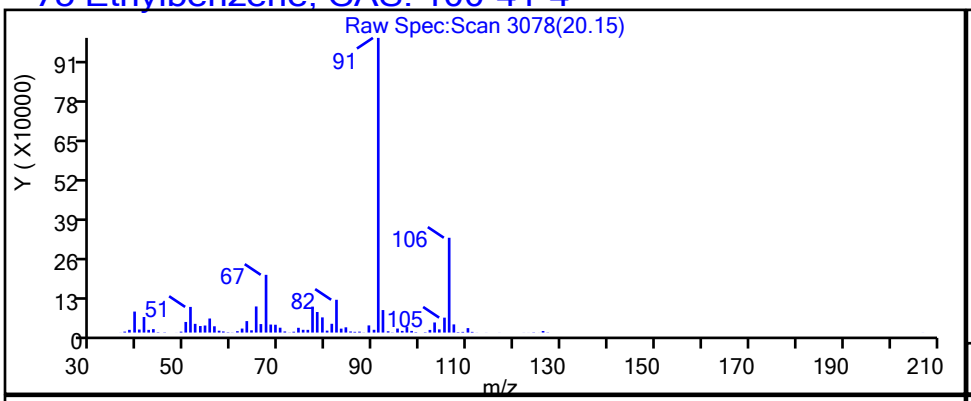
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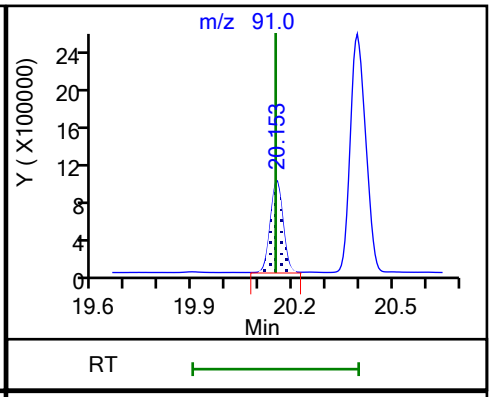
Eurofins Burlington

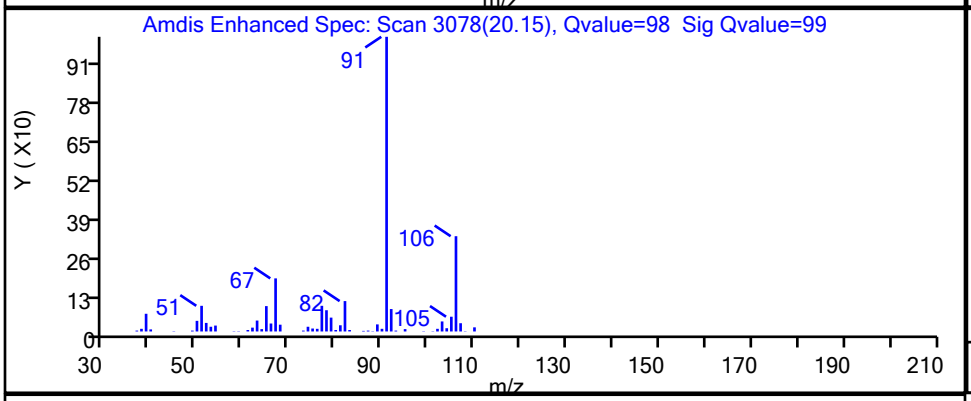
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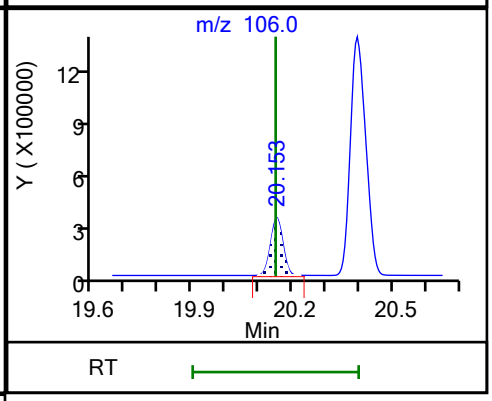
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

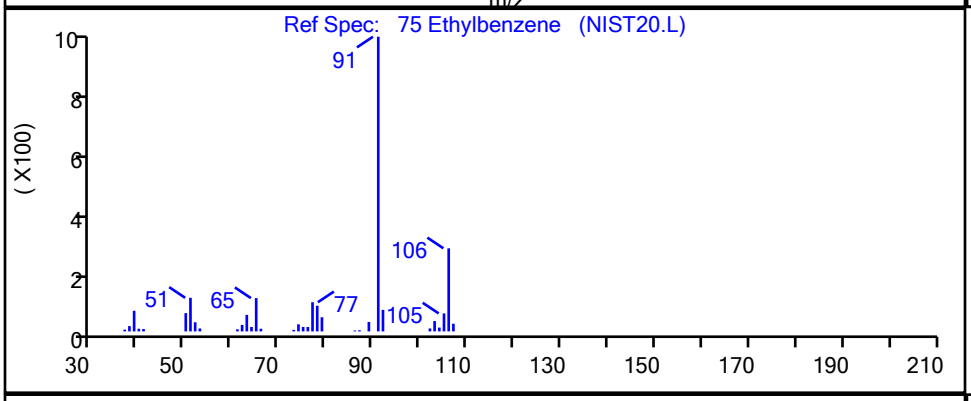
75 Ethylbenzene, CAS: 100-41-4

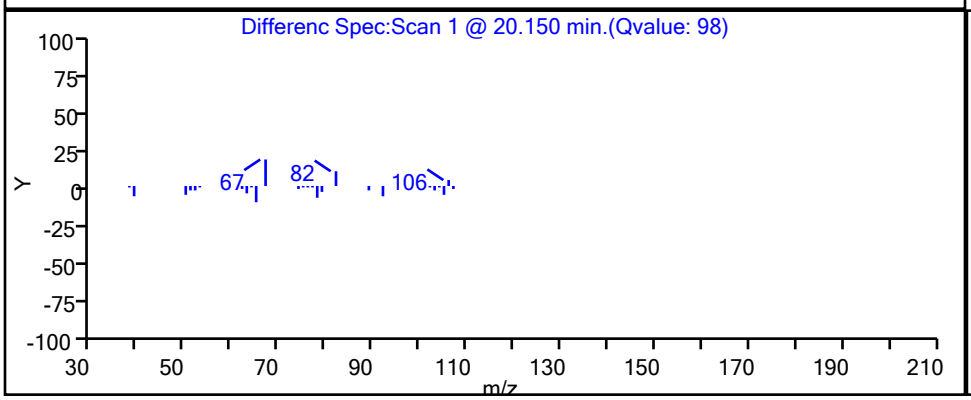


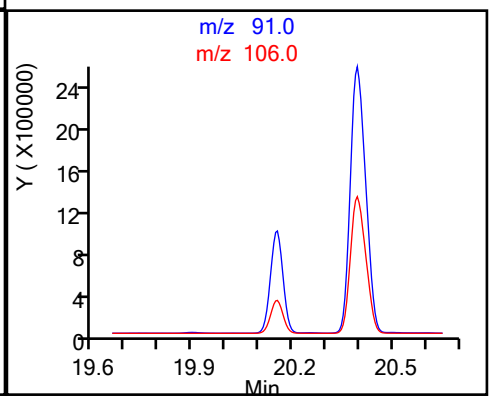










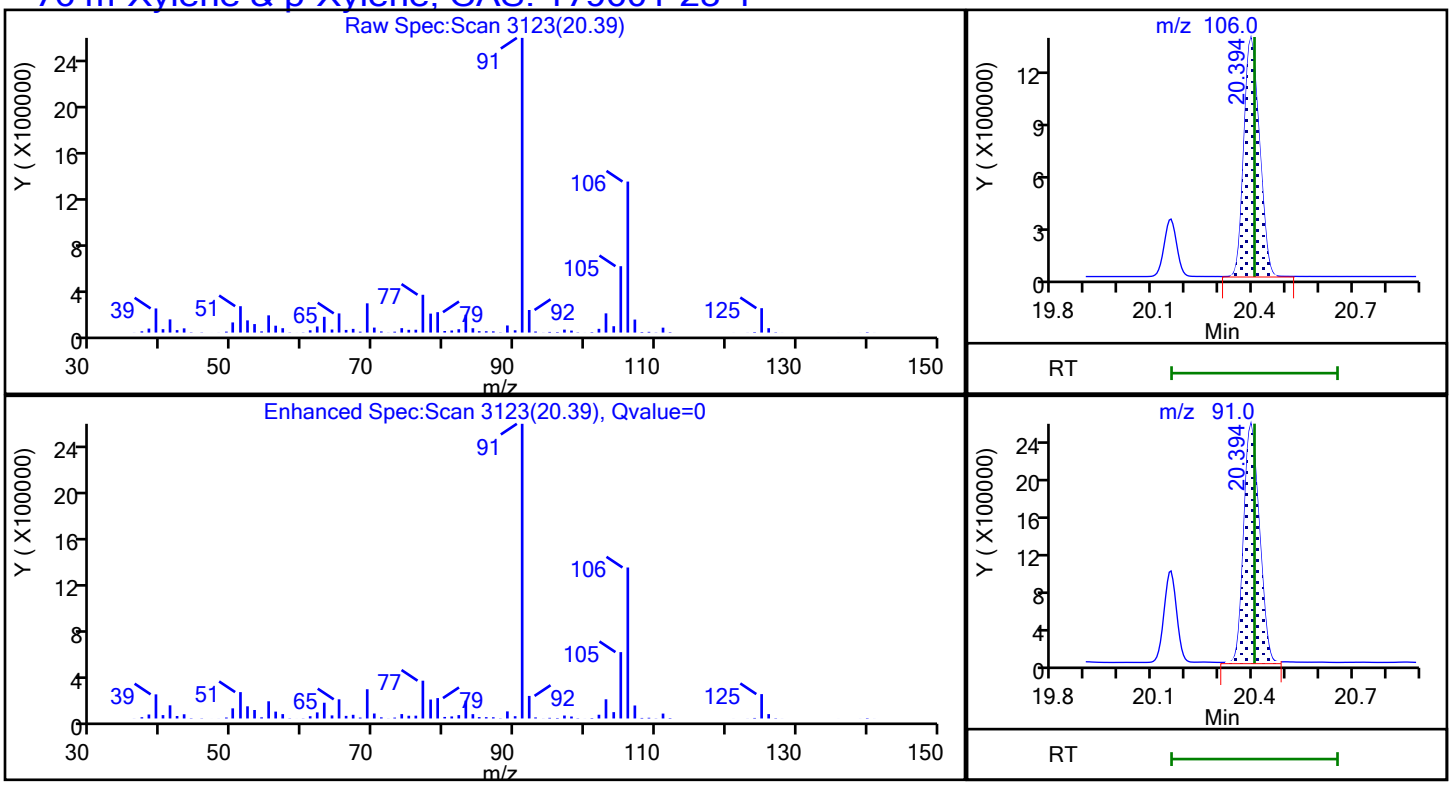


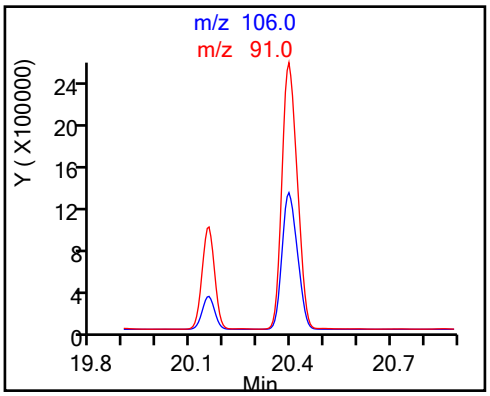
Report Date: 25-Jun-2025 11:10:11 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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





Report Date: 25-Jun-2025 11:10:11 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d

Injection Date: 24-Jun-2025 18:16:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-2 Lab Sample ID: 200-78438-2

Client ID: DUP-SV-06202025

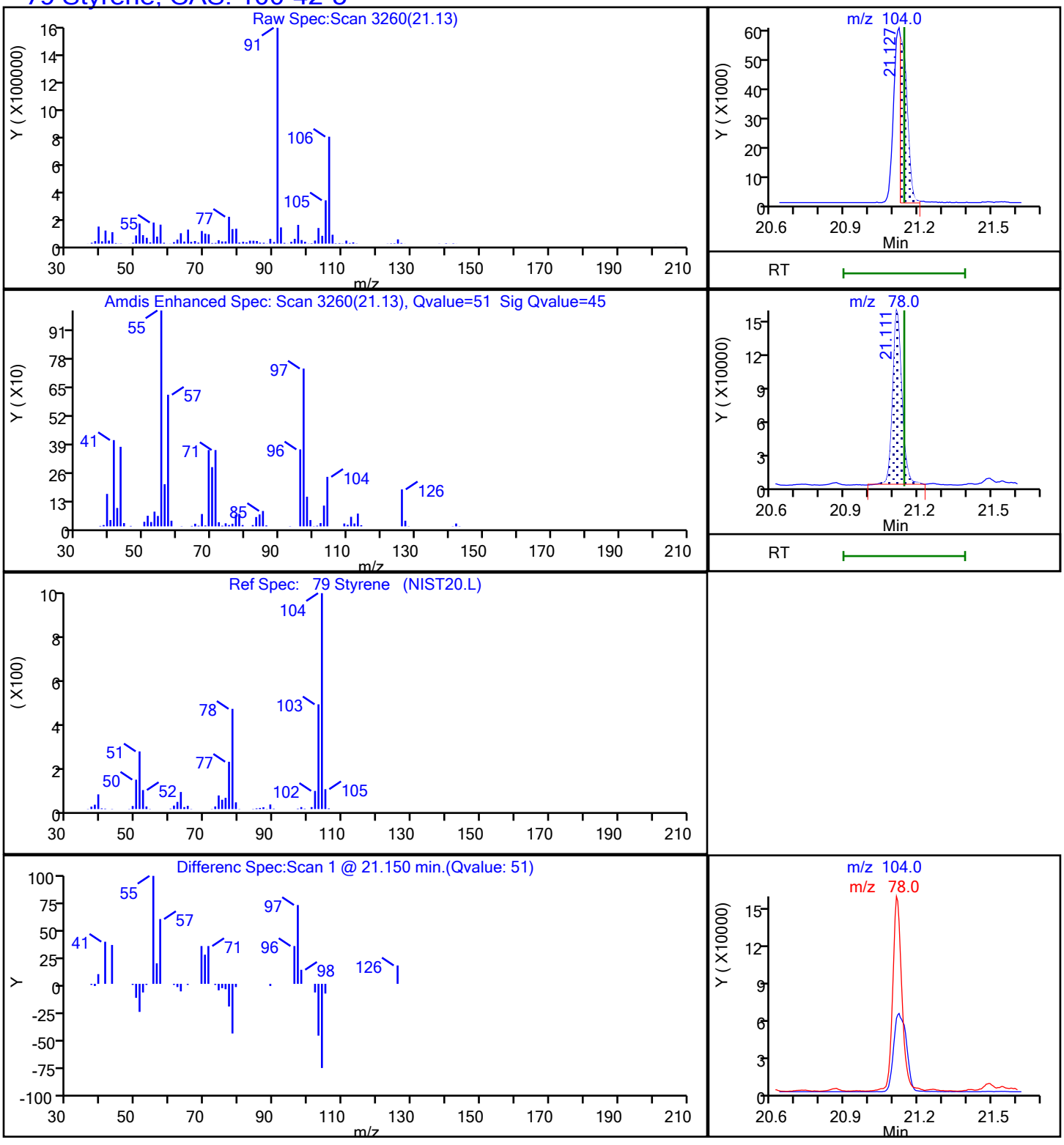
Operator ID: vtp ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

79 Styrene, CAS: 100-42-5



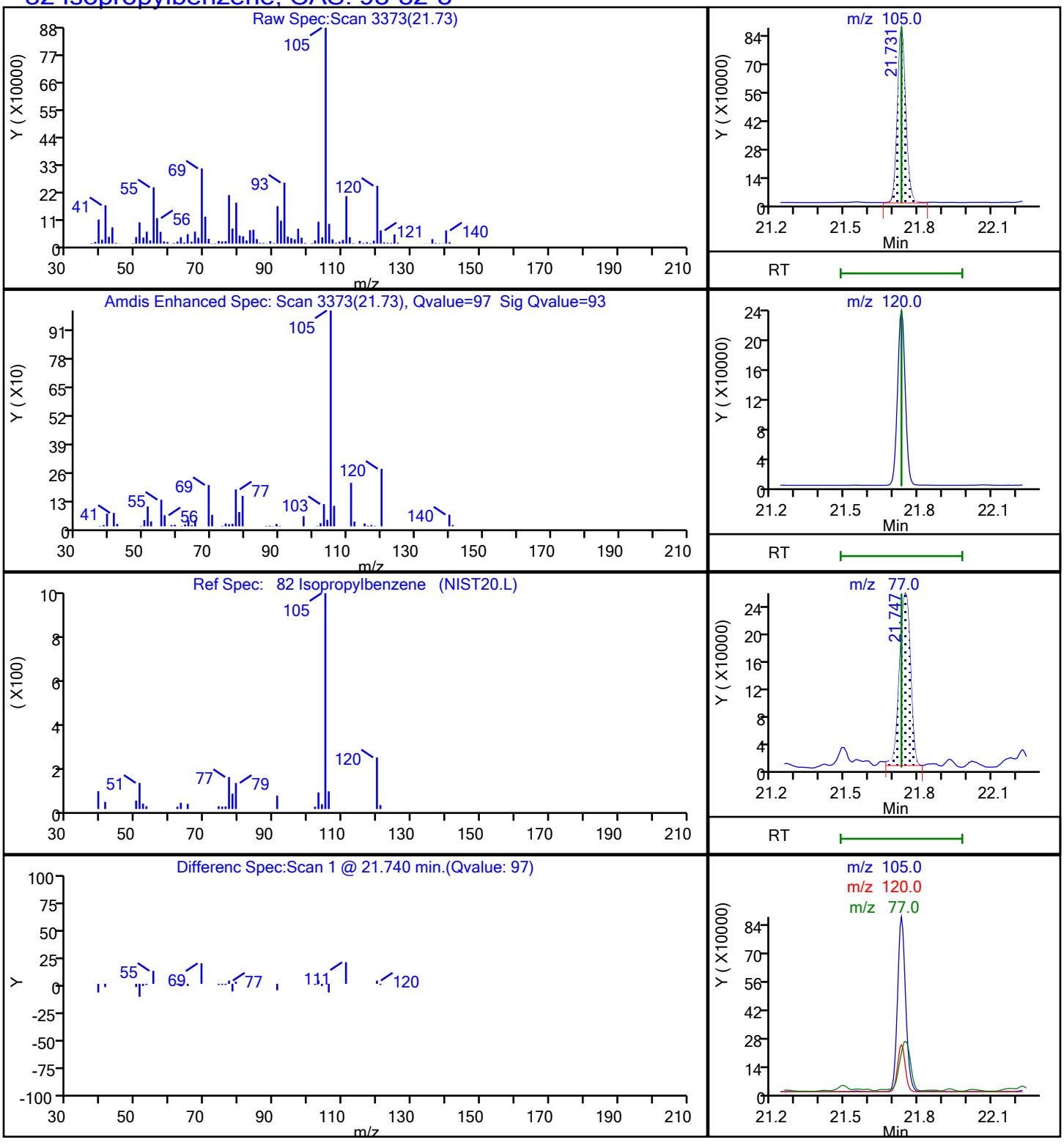
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d

Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8

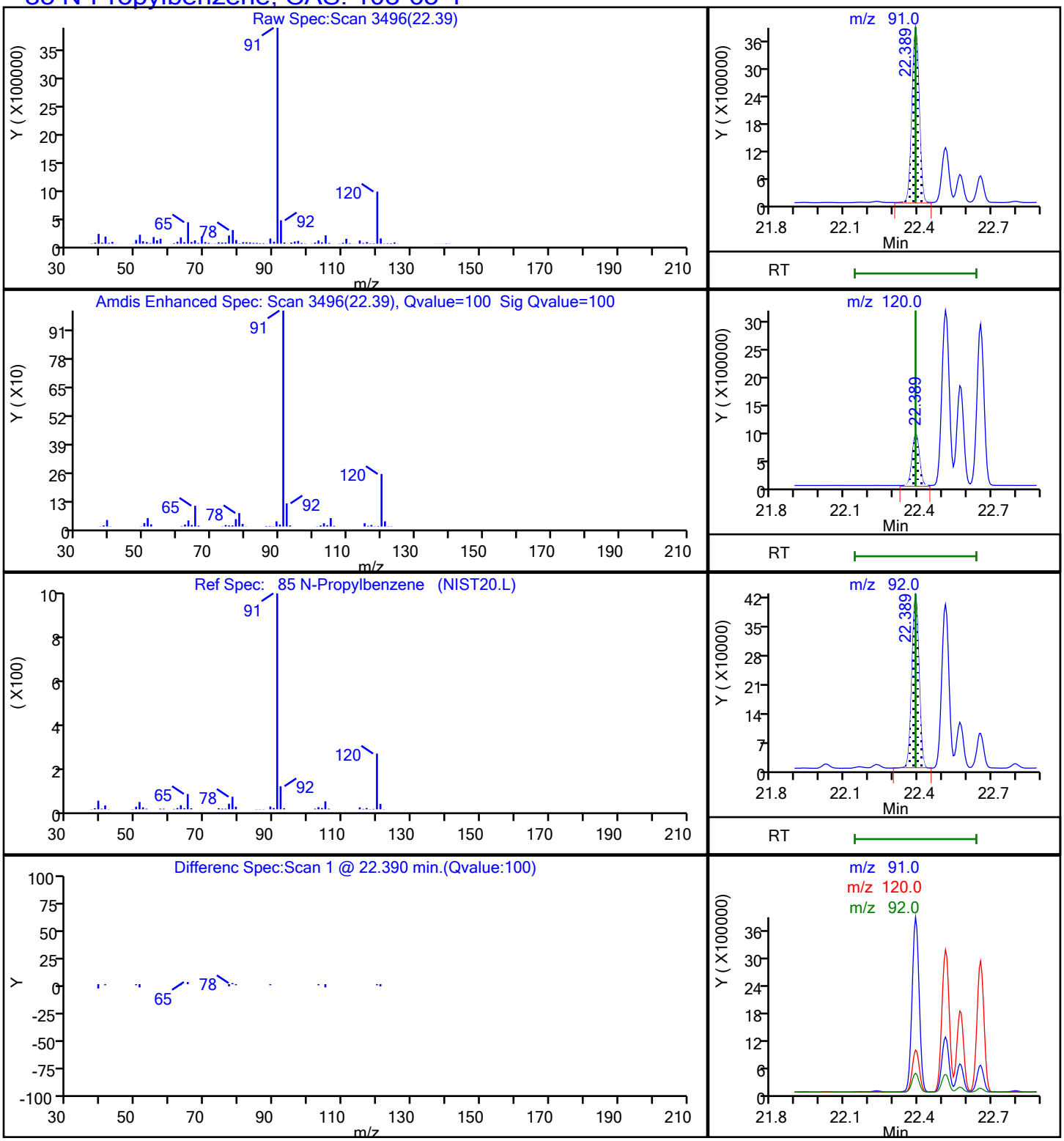


Report Date: 25-Jun-2025 11:10:11 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 N-Propylbenzene, CAS: 103-65-1



Report Date: 25-Jun-2025 11:10:11 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d

Injection Date: 24-Jun-2025 18:16:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-2 Lab Sample ID: 200-78438-2

Client ID: DUP-SV-06202025

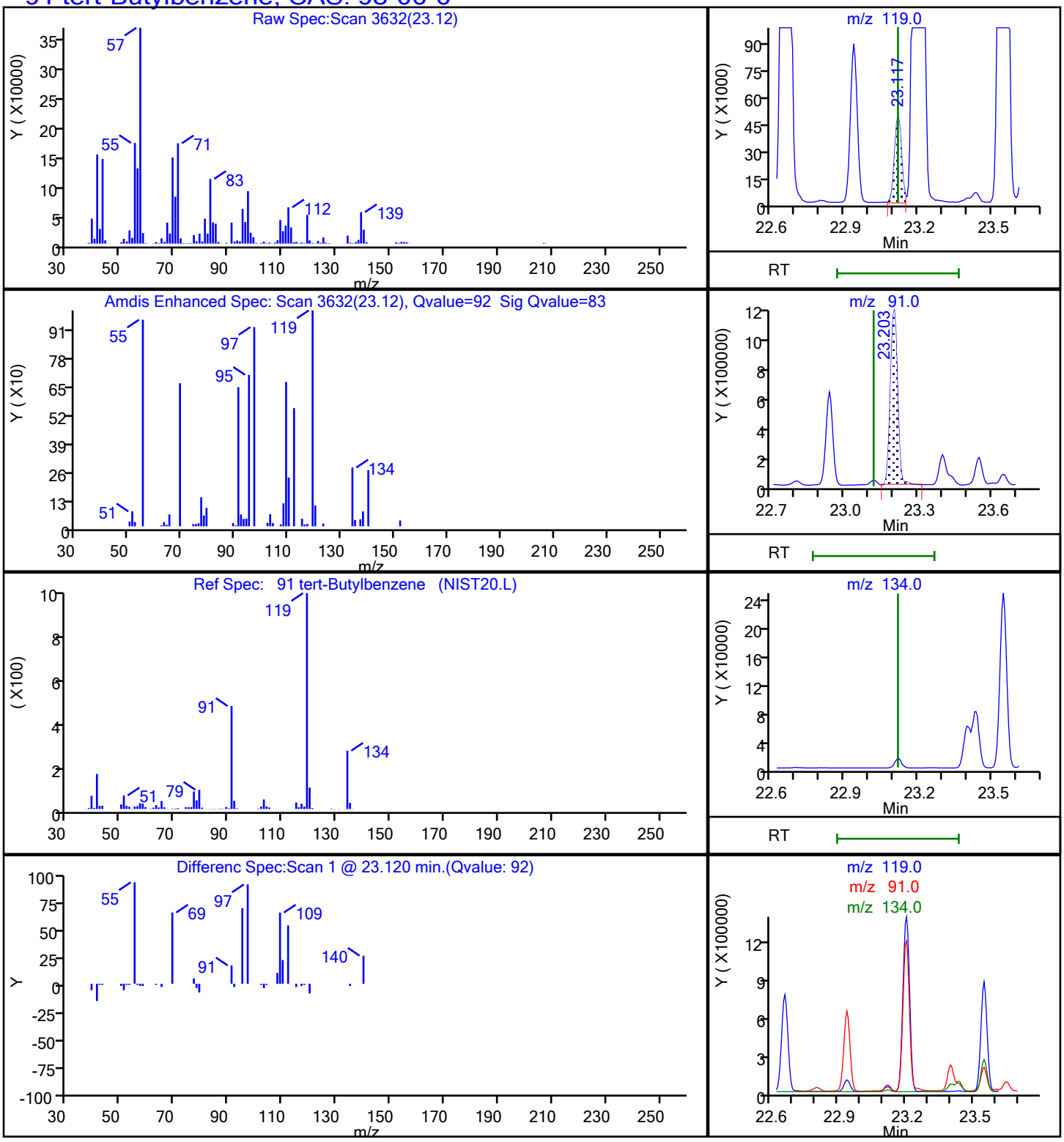
Operator ID: vtp ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

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



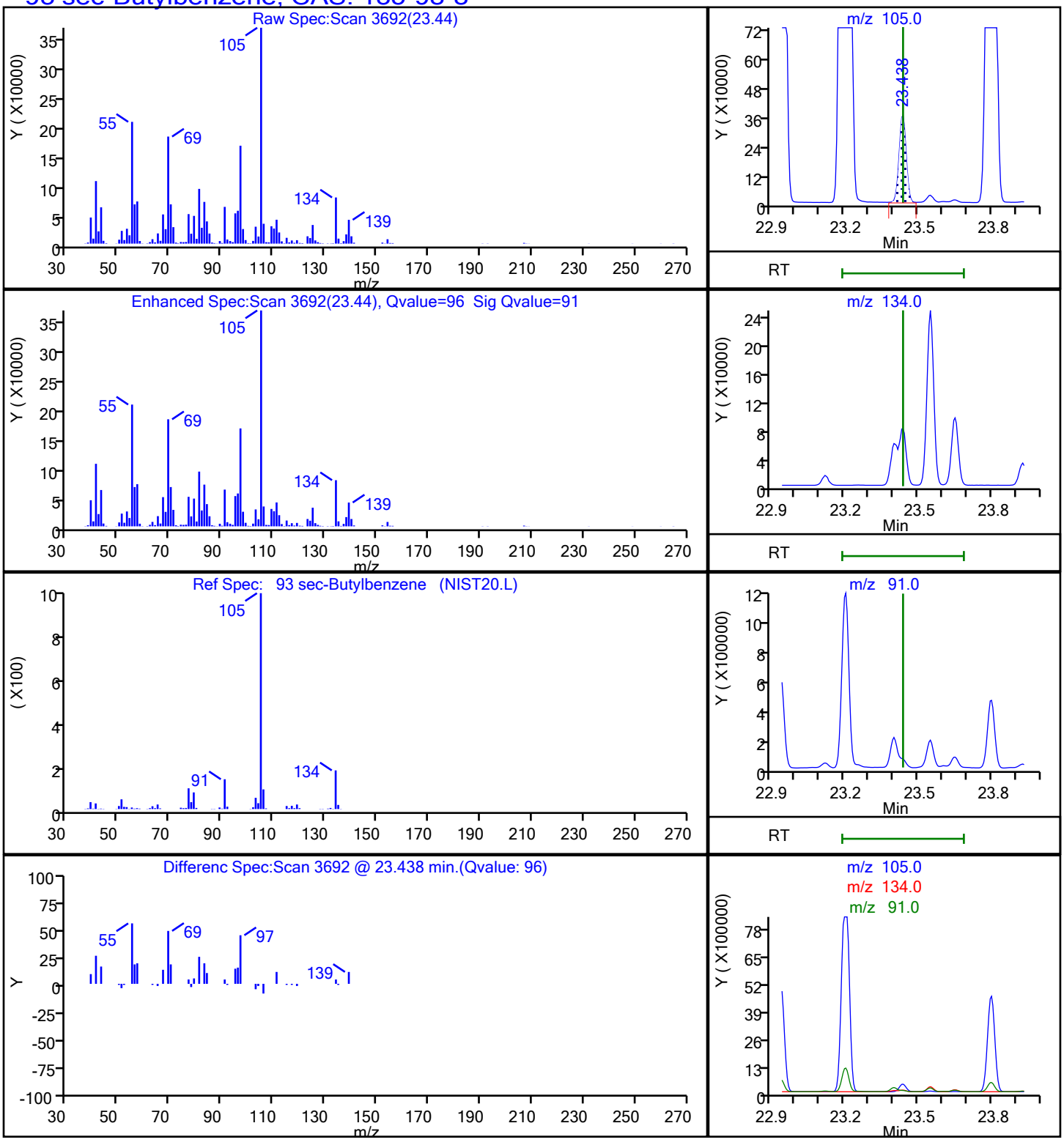
Report Date: 25-Jun-2025 11:10:11 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d

Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

93 sec-Butylbenzene, CAS: 135-98-8

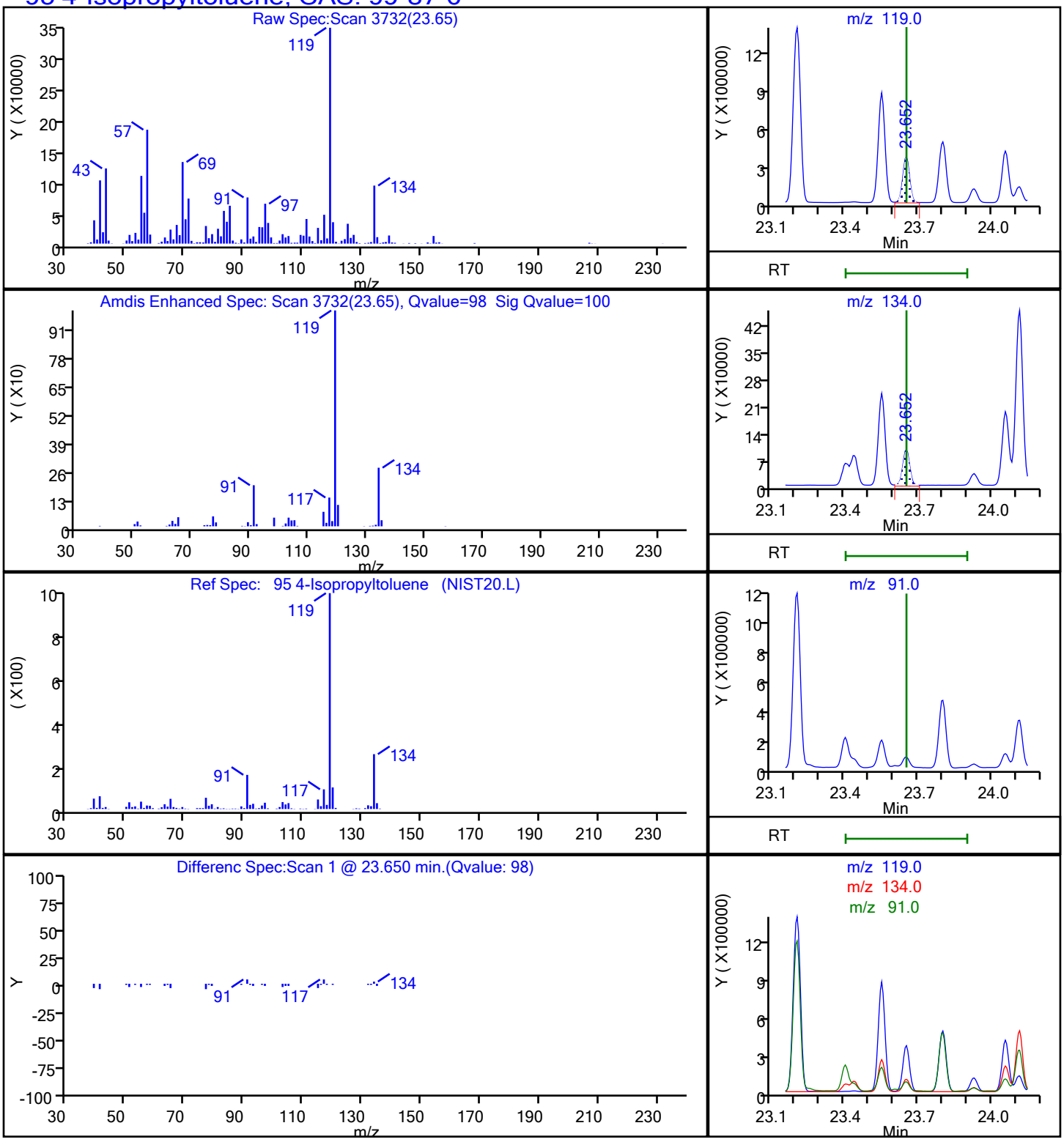


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Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

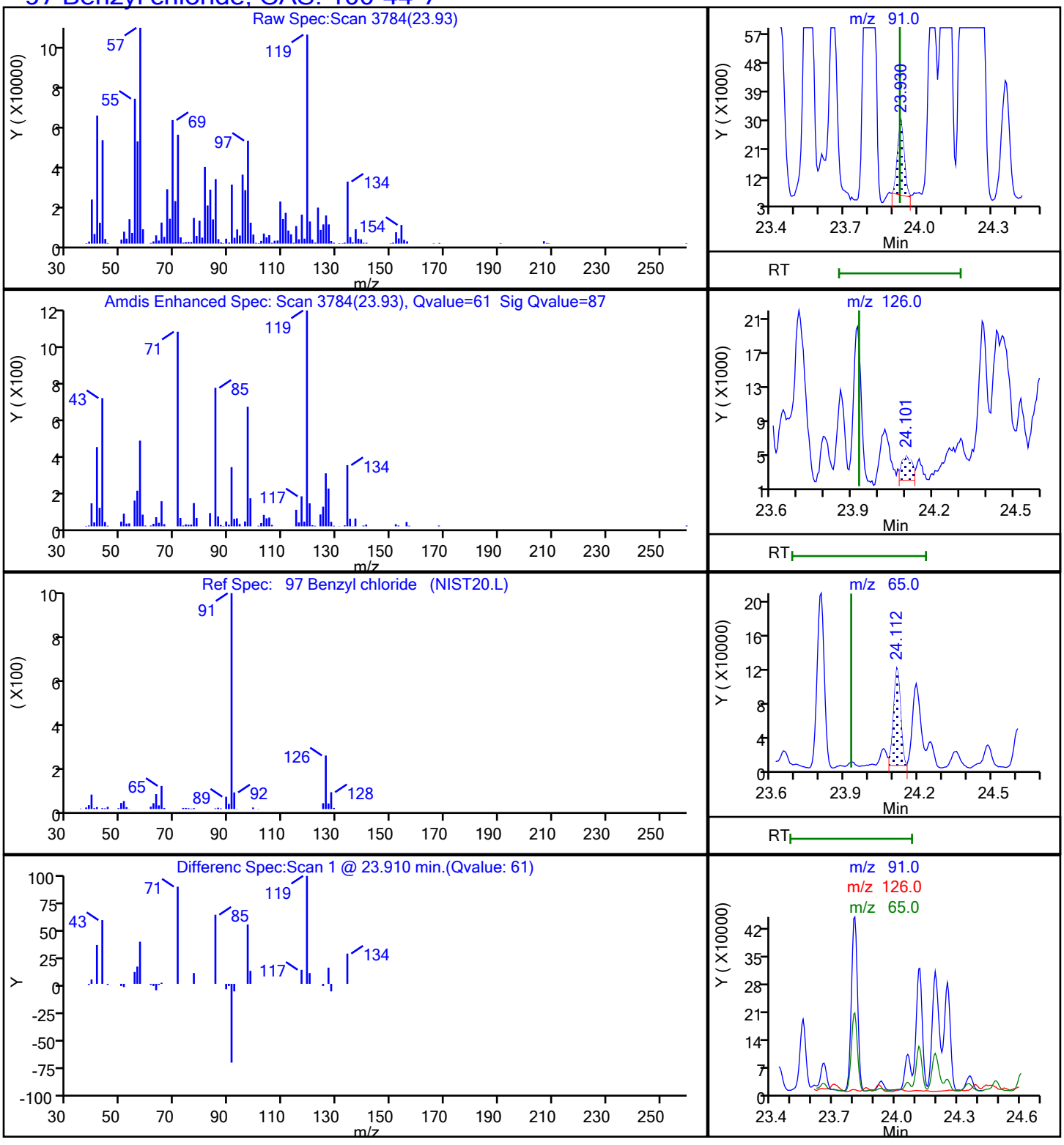


Report Date: 25-Jun-2025 11:10:11 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

97 Benzyl chloride, CAS: 100-44-7

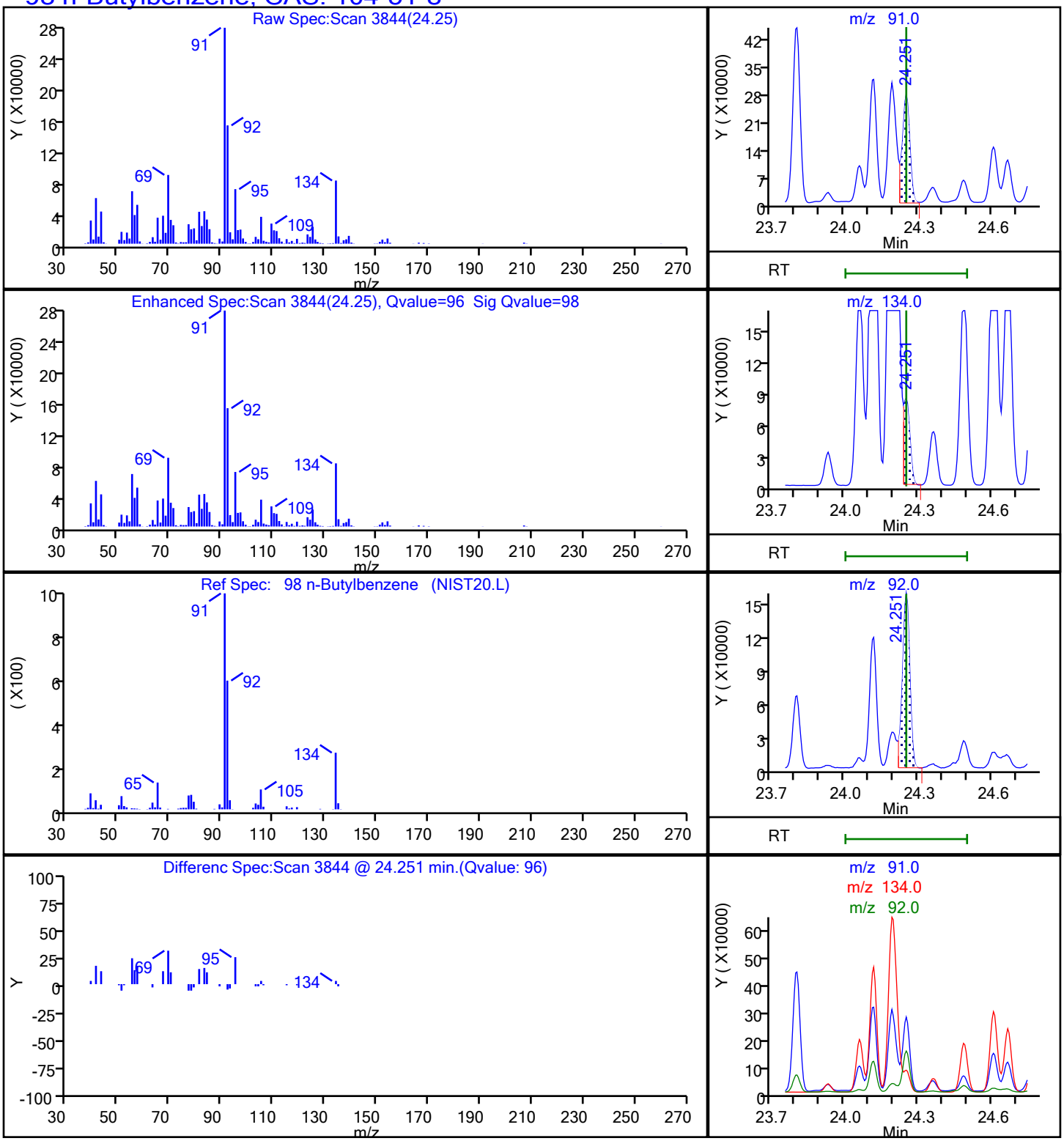


Report Date: 25-Jun-2025 11:10:11 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

98 n-Butylbenzene, CAS: 104-51-8

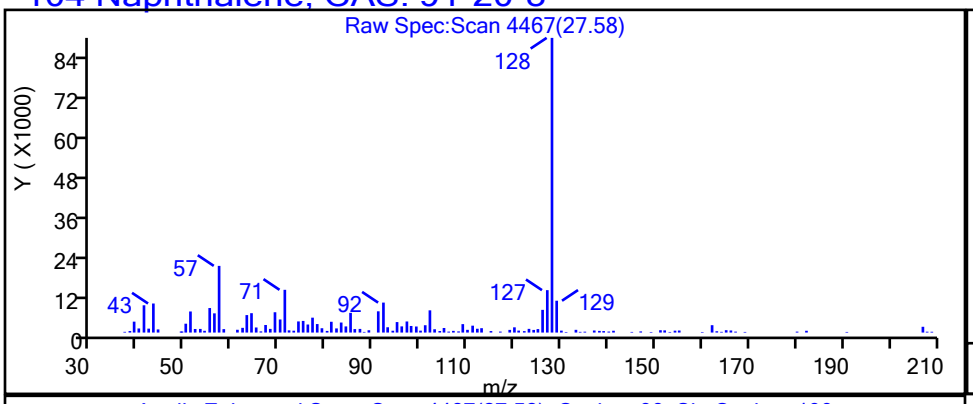


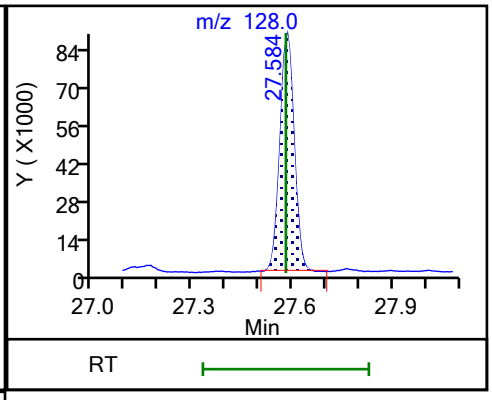
Report Date: 25-Jun-2025 11:10:11 Chrom Revision: 2.3 14-Jun-2025 12:06:34

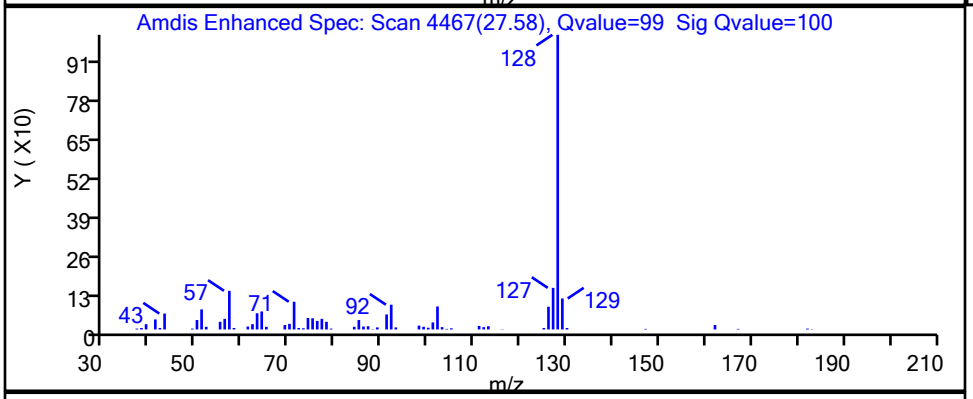
Eurofins Burlington

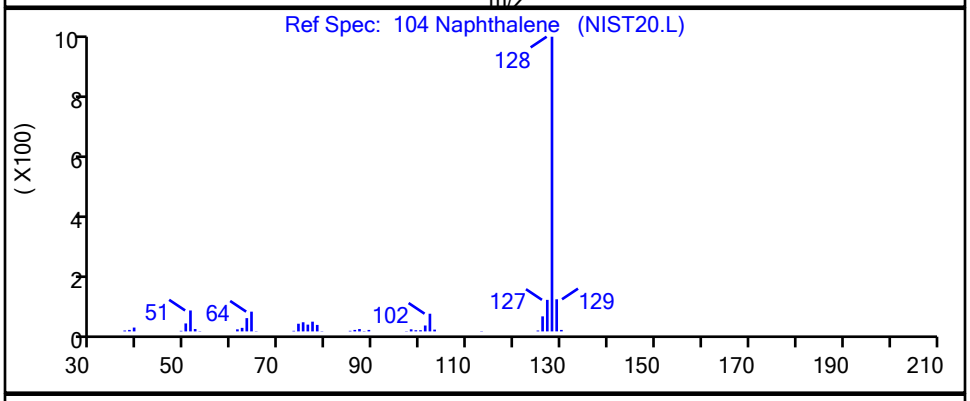
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

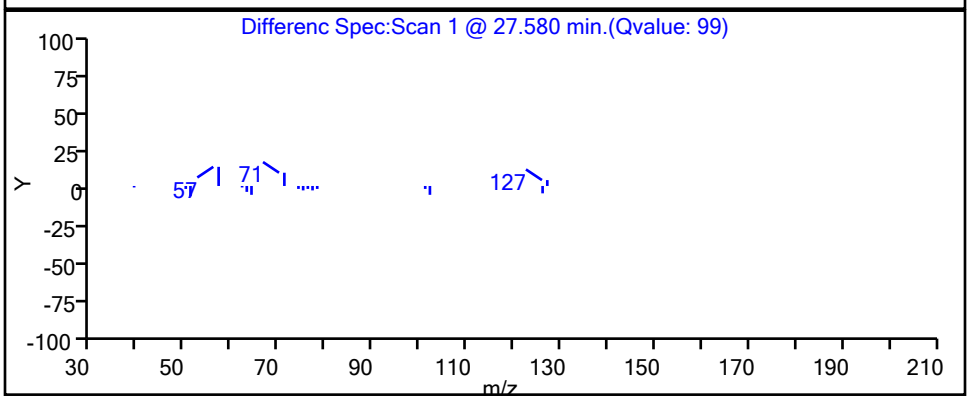
104 Naphthalene, CAS: 91-20-3











Manual Integration/User Assign Peak Report

Eurofins Burlington

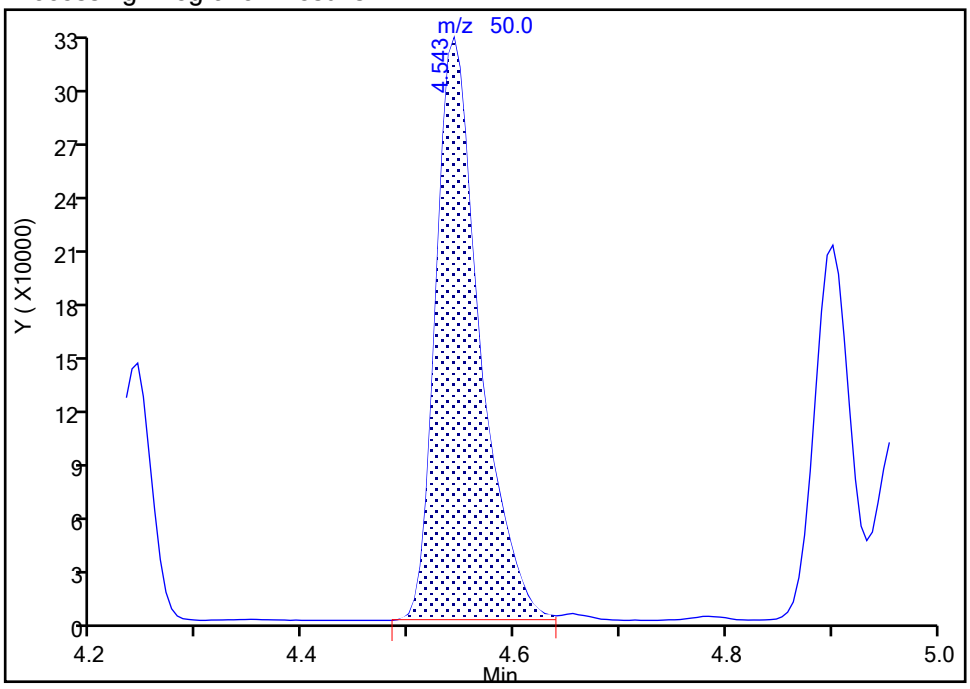
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

5 Chloromethane, CAS: 74-87-3

Signal: 1

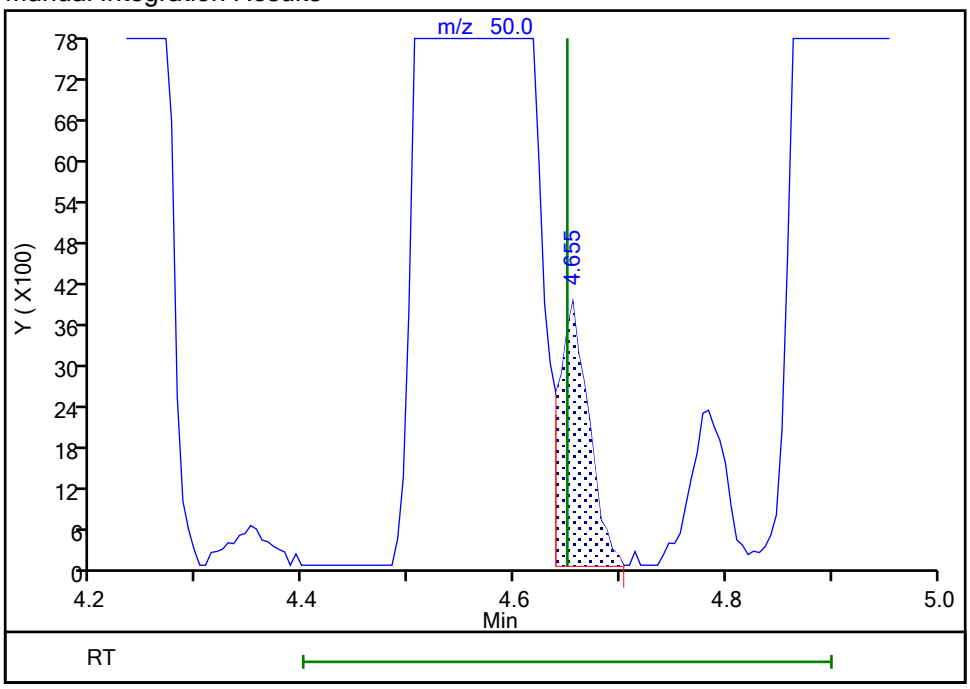
Processing Integration Results

RT: 4.54
Area: 950672
Amount: 38.599138
Amount Units: ppb v/v



Manual Integration Results

RT: 4.66
Area: 7623
Amount: 0.309509
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:01:59 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

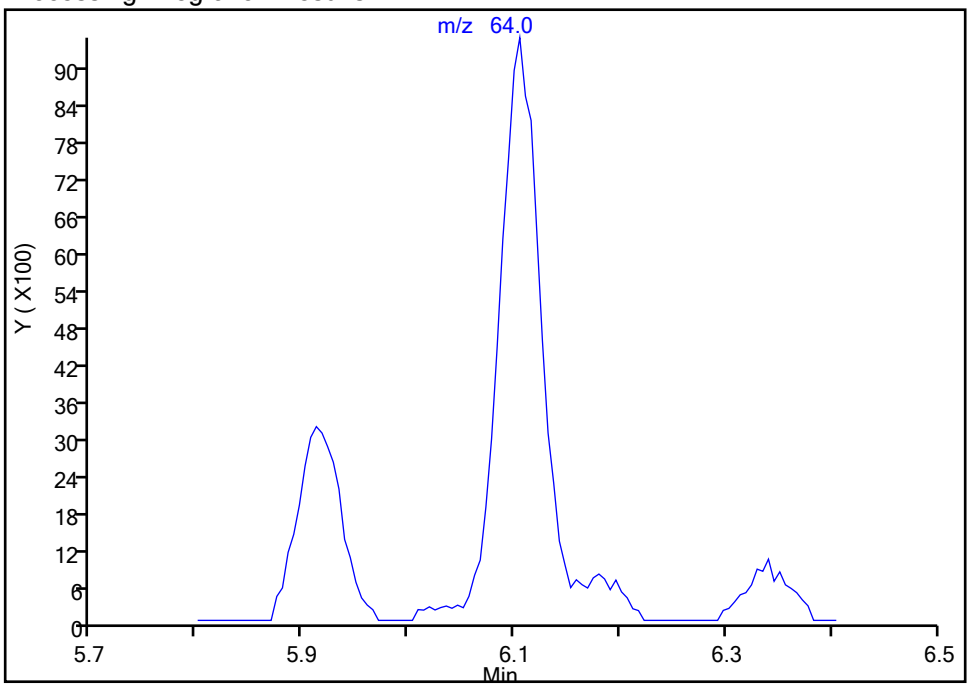
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

10 Chloroethane, CAS: 75-00-3

Signal: 1

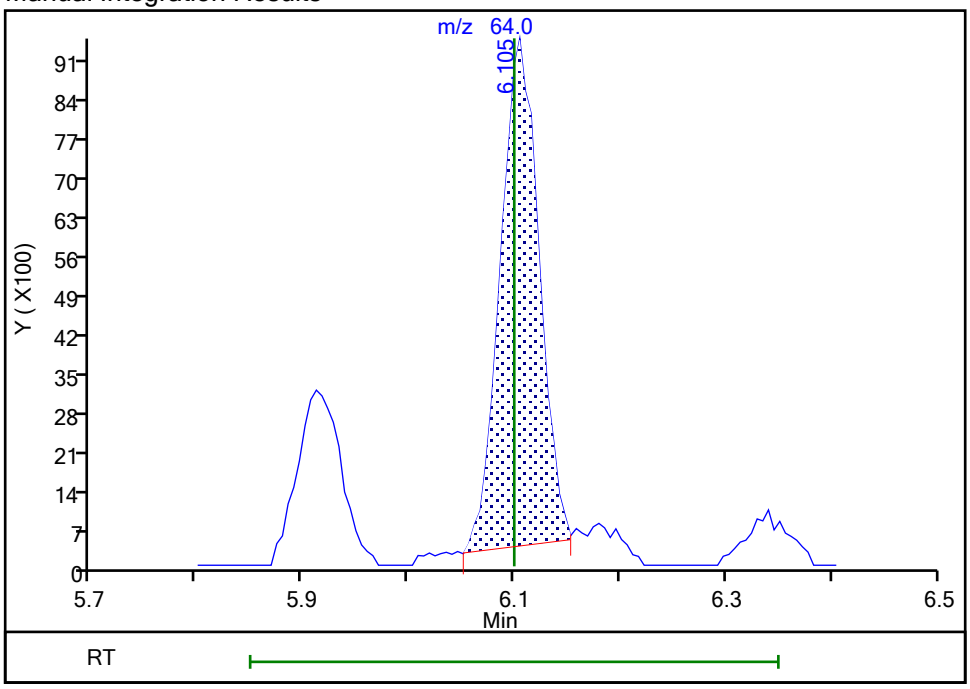
Not Detected
Expected RT: 6.10

Processing Integration Results



Manual Integration Results

RT: 6.10
Area: 23255
Amount: 1.399838
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:02:29 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

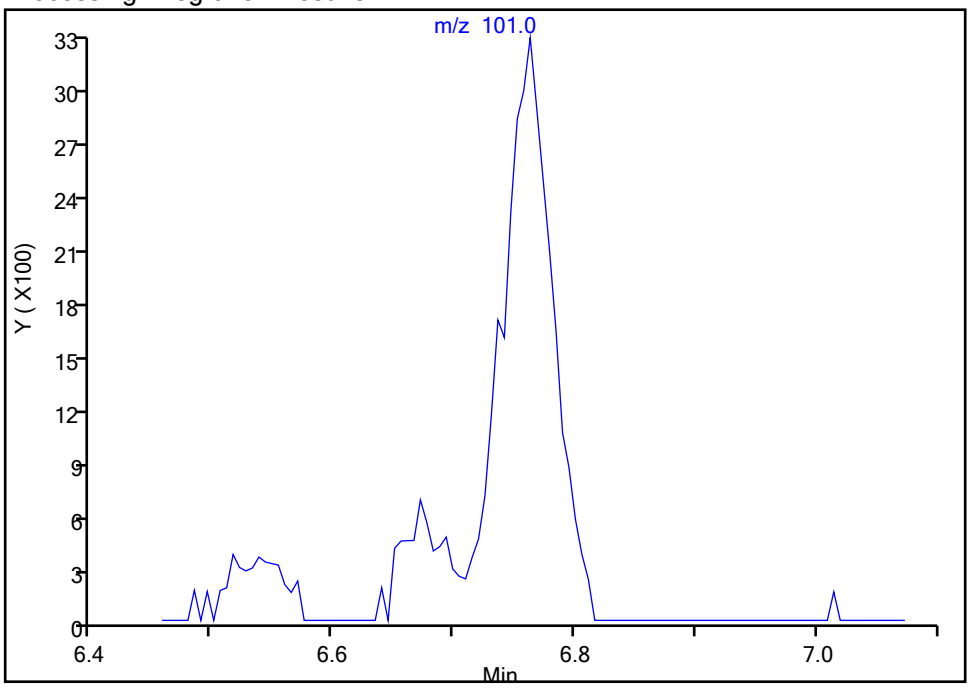
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

14 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

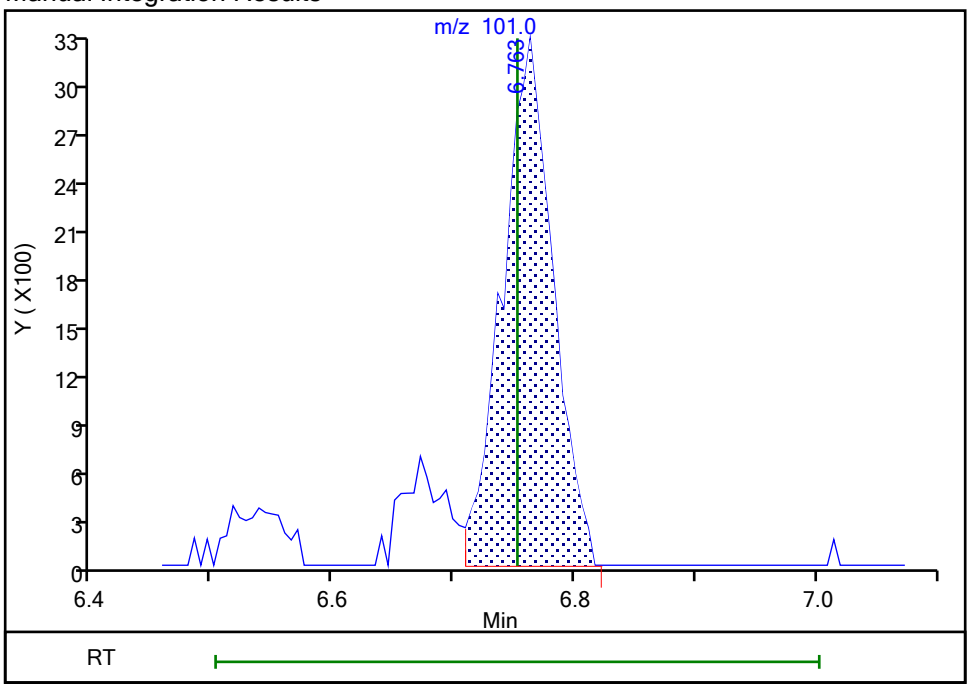
Not Detected
Expected RT: 6.75

Processing Integration Results



Manual Integration Results

RT: 6.76
Area: 9533
Amount: 0.131803
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:02:52 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

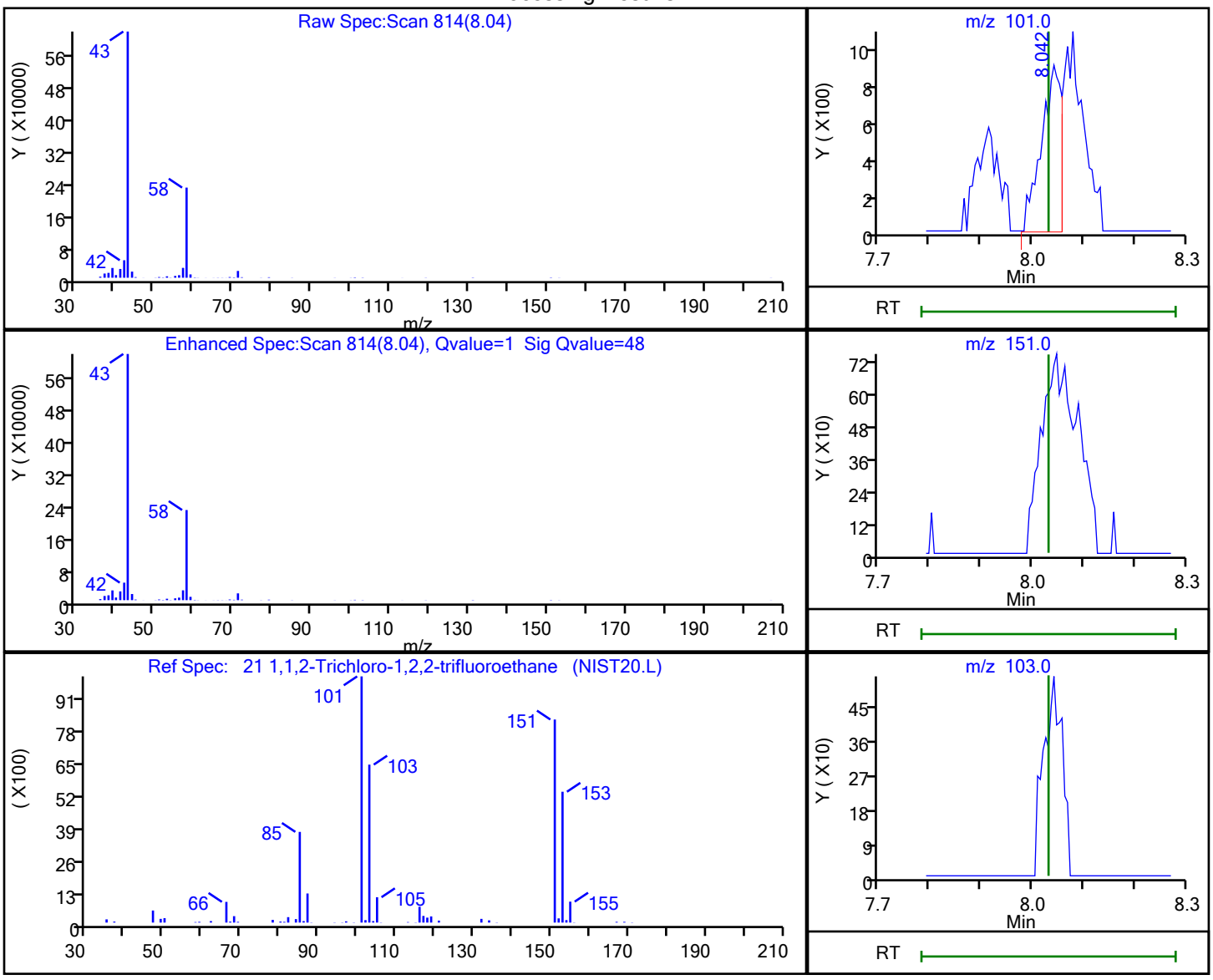
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
8.04	101.00	2419	0.035645
8.03	151.00	0	
8.03	103.00	0	

Reviewer: F7XK, 25-Jun-2025 11:03:23 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

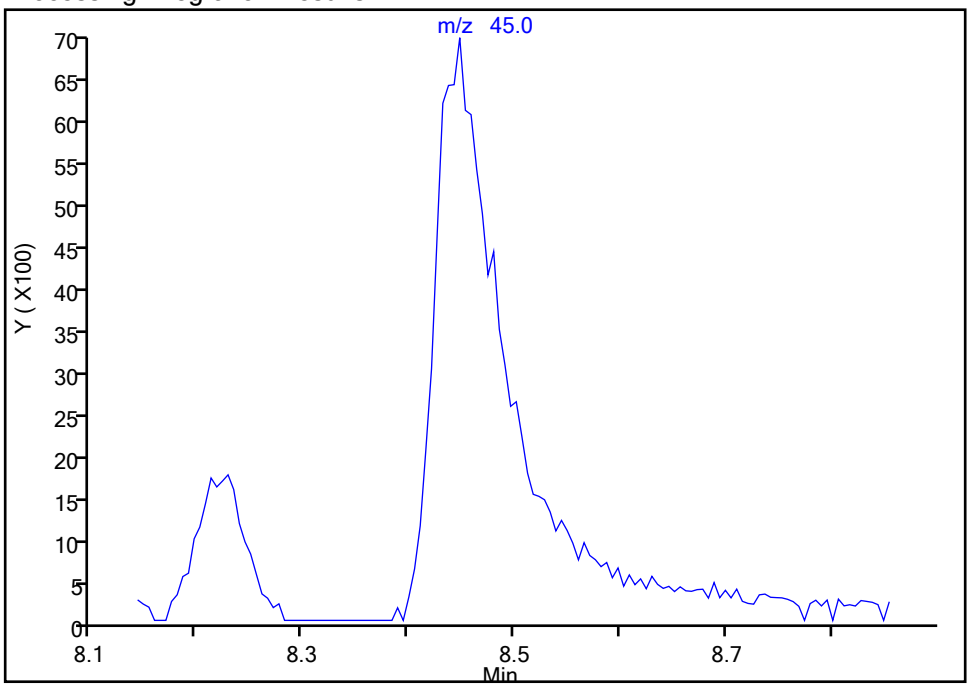
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

23 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

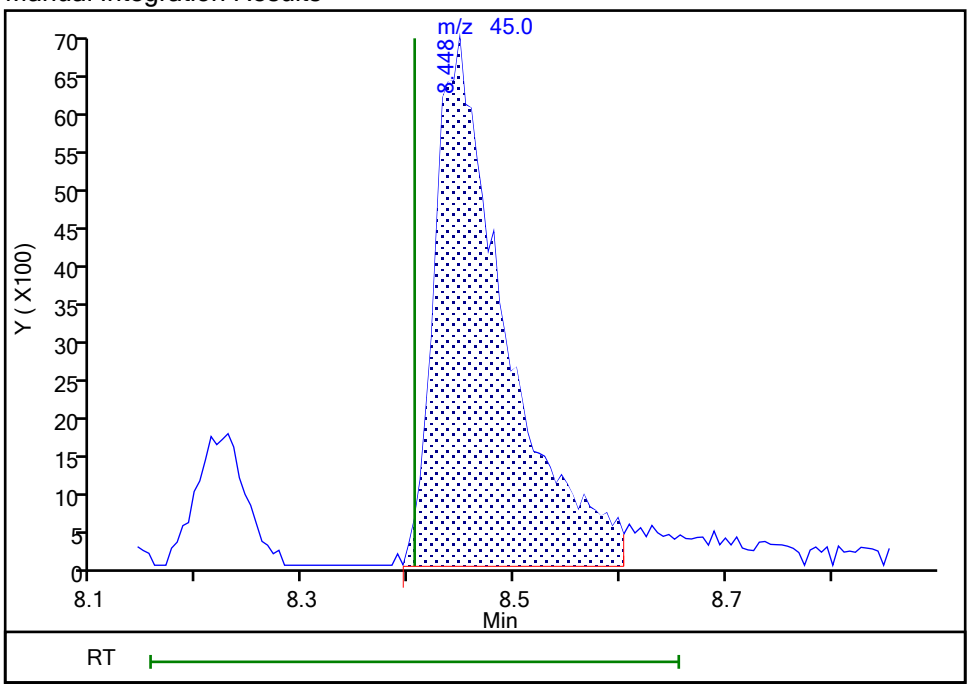
Not Detected
Expected RT: 8.41

Processing Integration Results



Manual Integration Results

RT: 8.45
Area: 32049
Amount: 0.816106
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:04:27 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

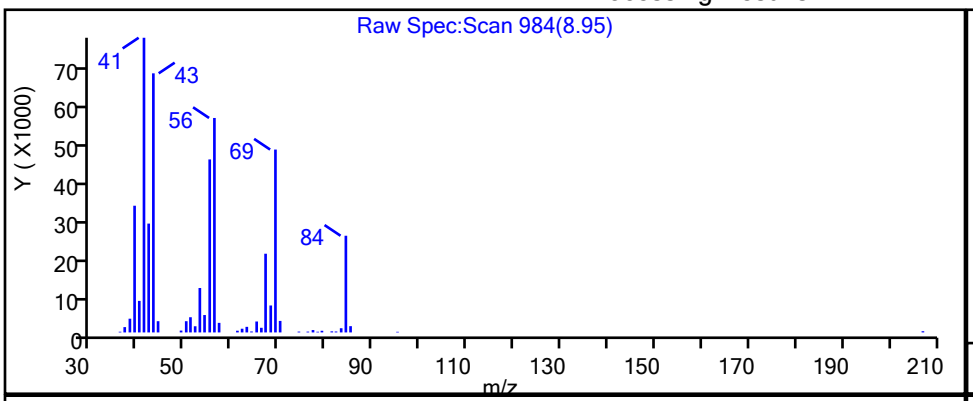
User Disabled Compound Report

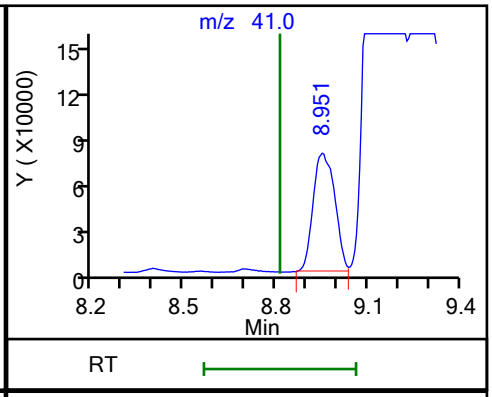
Eurofins Burlington

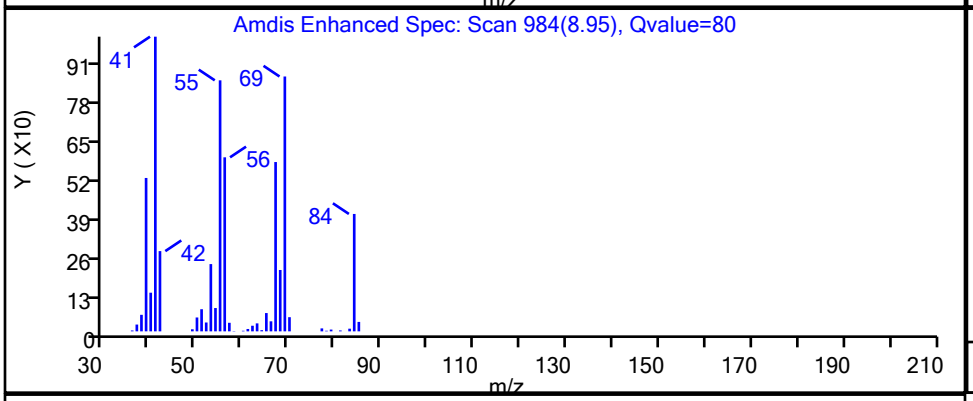
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

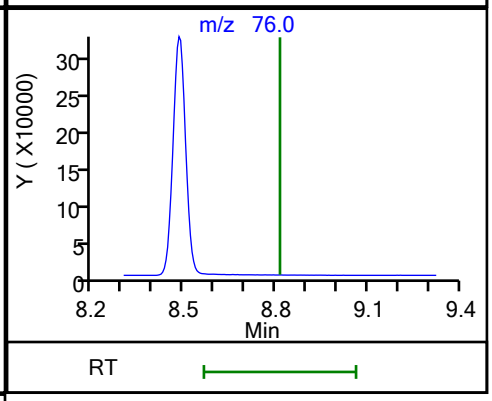
26 3-Chloro-1-propene, CAS: 107-05-1

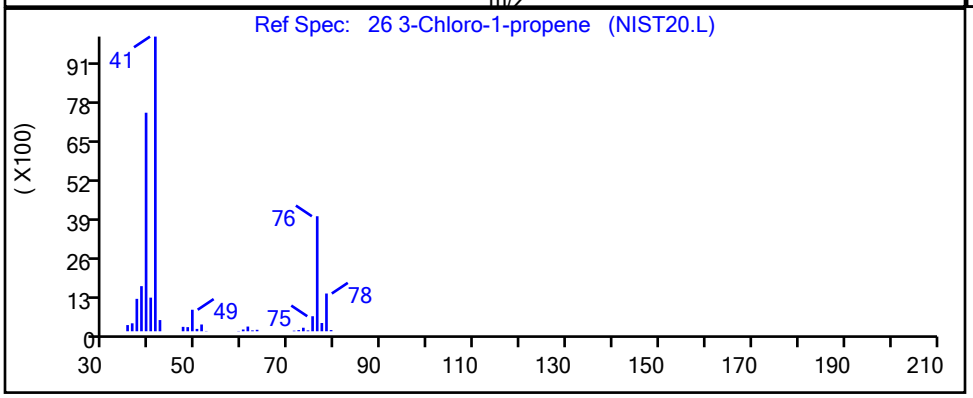
Processing Results











RT	Mass	Response	Amount
8.95	41.00	384448	11.701425
8.81	76.00	0	

Reviewer: F7XK, 25-Jun-2025 11:04:40 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

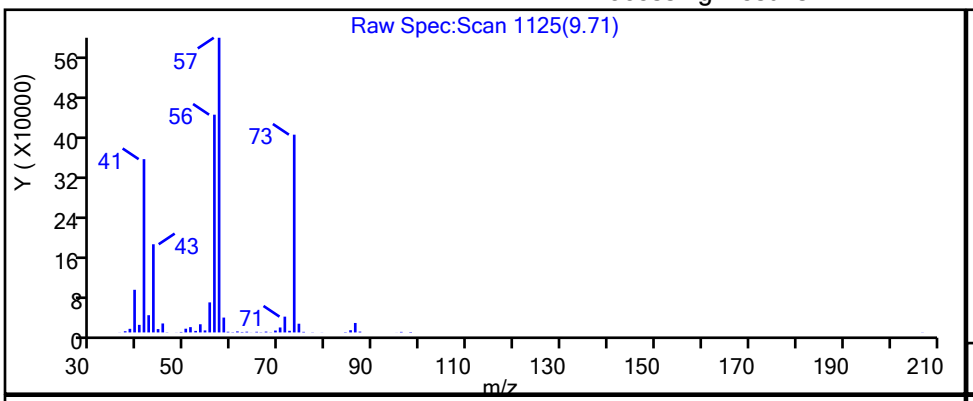
User Disabled Compound Report

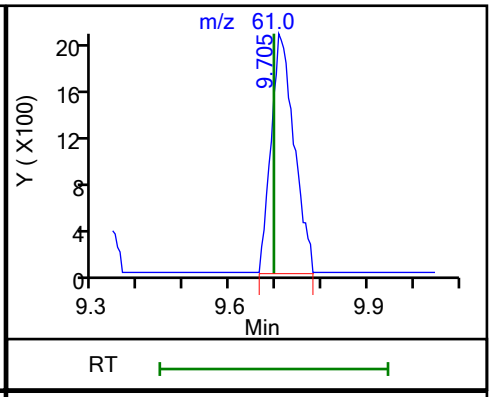
Eurofins Burlington

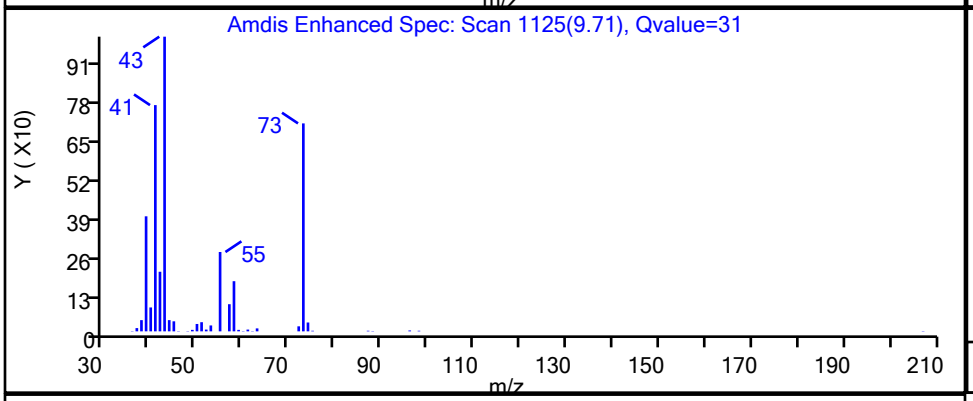
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

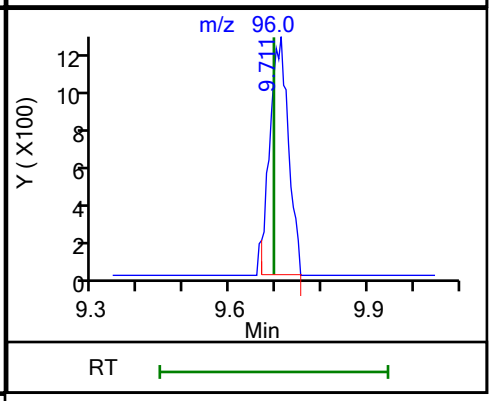
30 trans-1,2-Dichloroethene, CAS: 156-60-5

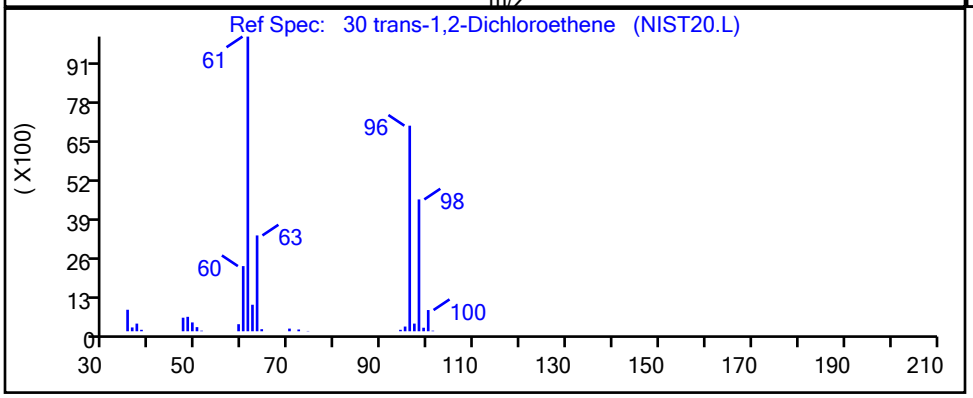
Processing Results











RT	Mass	Response	Amount
9.71	61.00	7183	0.168151
9.71	96.00	3508	

Reviewer: F7XK, 25-Jun-2025 11:05:01 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

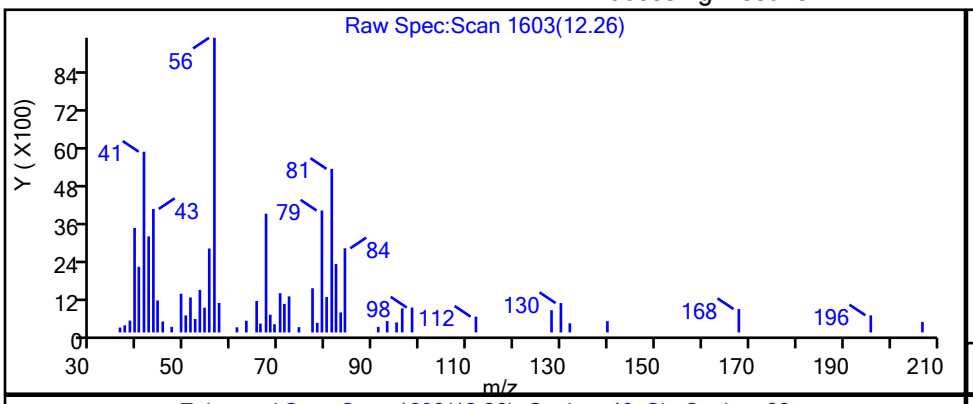
User Disabled Compound Report

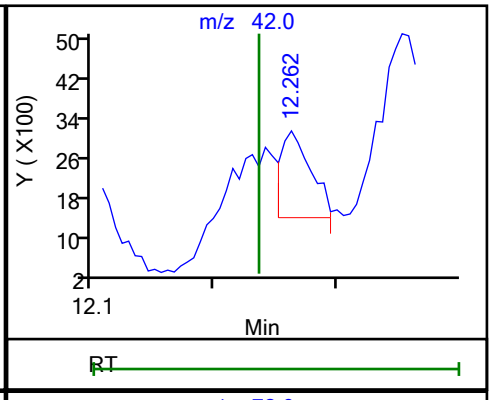
Eurofins Burlington

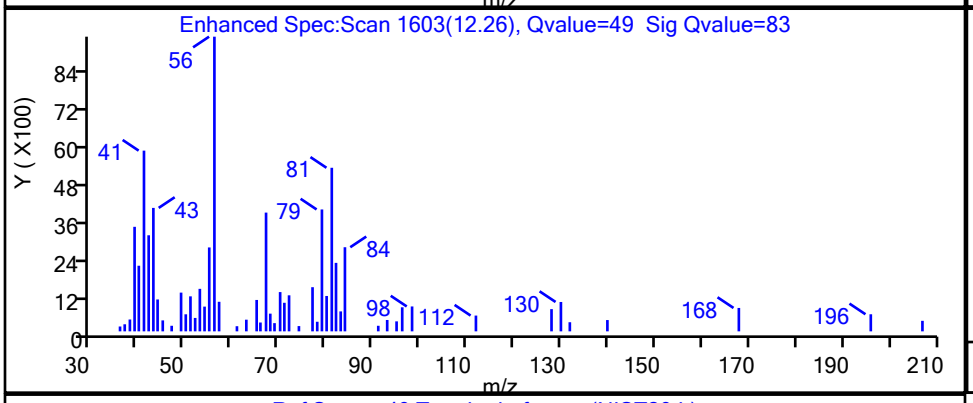
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

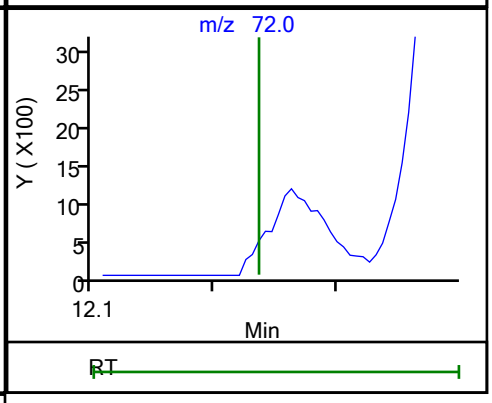
40 Tetrahydrofuran, CAS: 109-99-9

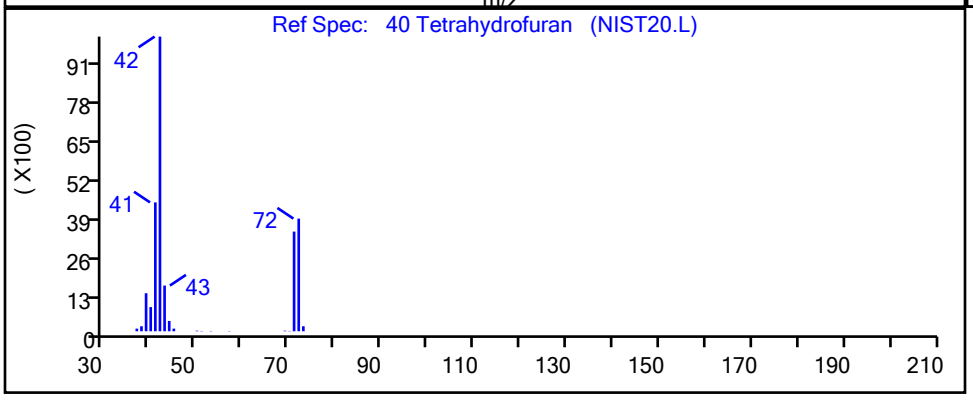
Processing Results











RT	Mass	Response	Amount
12.26	42.00	3029	0.095891
12.24	72.00	0	

Reviewer: F7XK, 25-Jun-2025 11:05:27 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

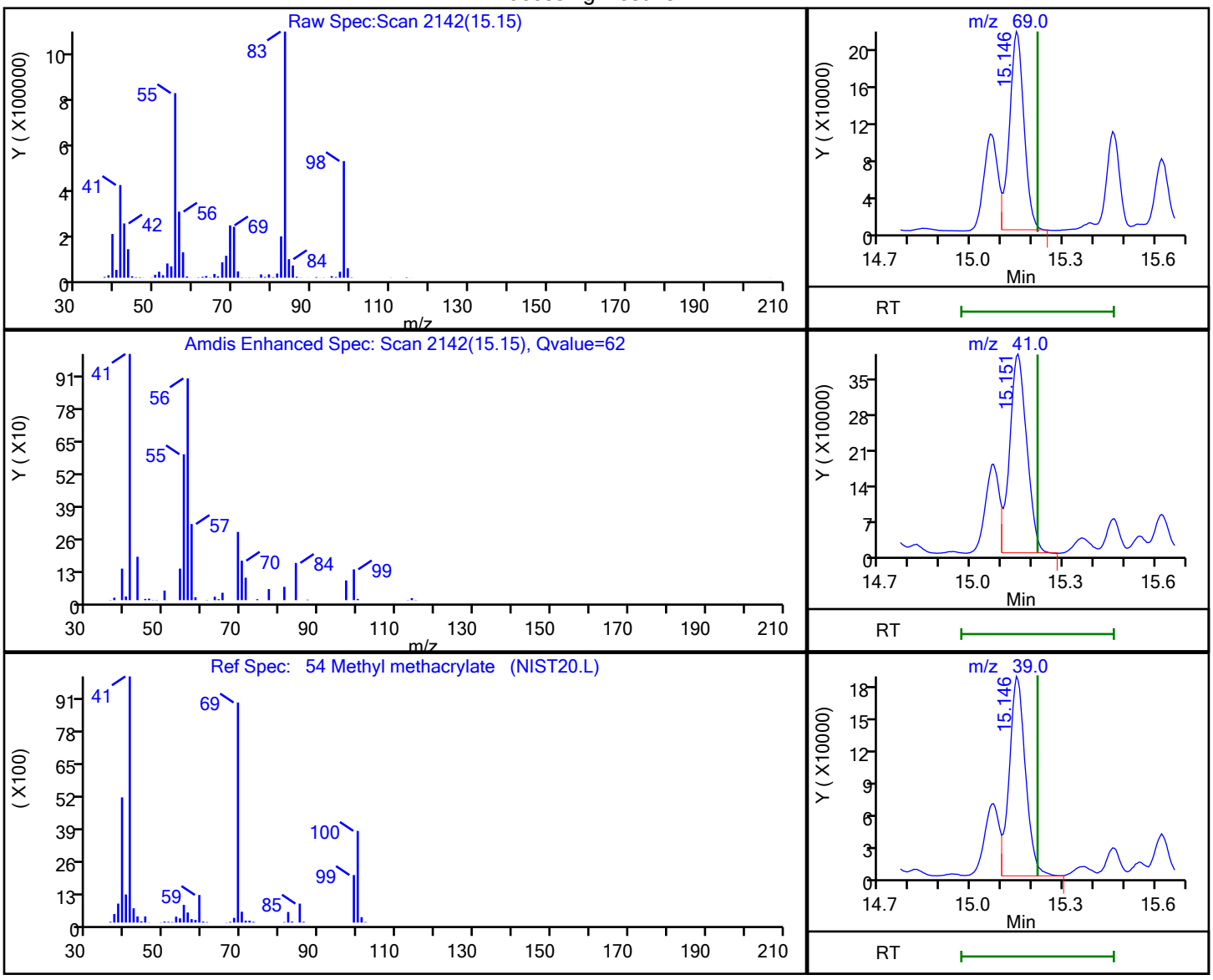
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

54 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
15.15	69.00	721685	20.473450
15.15	41.00	1532065	
15.15	39.00	667693	

Reviewer: F7XK, 25-Jun-2025 11:06:24 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

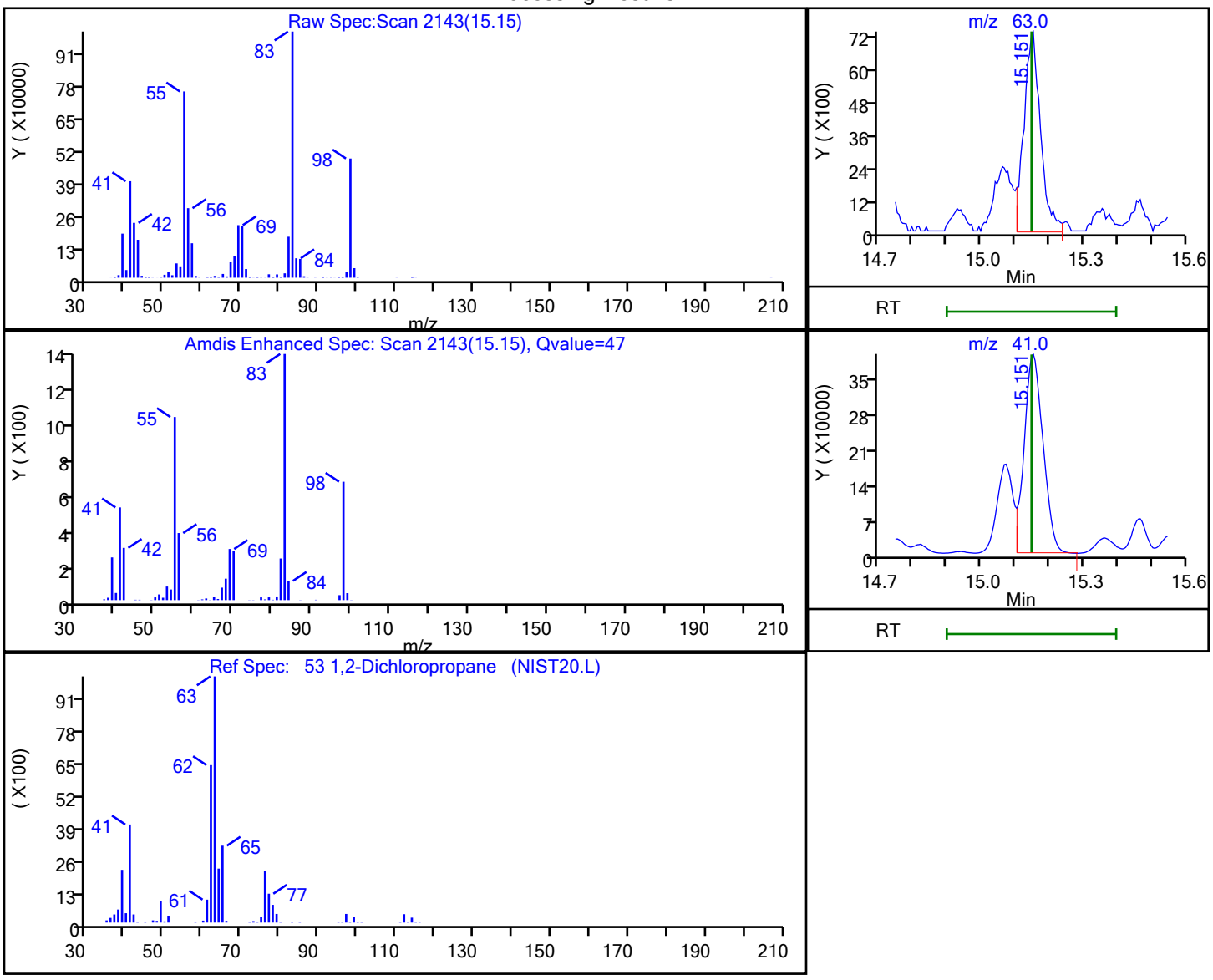
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
15.15	63.00	24863	0.640727
15.15	41.00	1502616	

Reviewer: F7XK, 25-Jun-2025 11:06:17 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

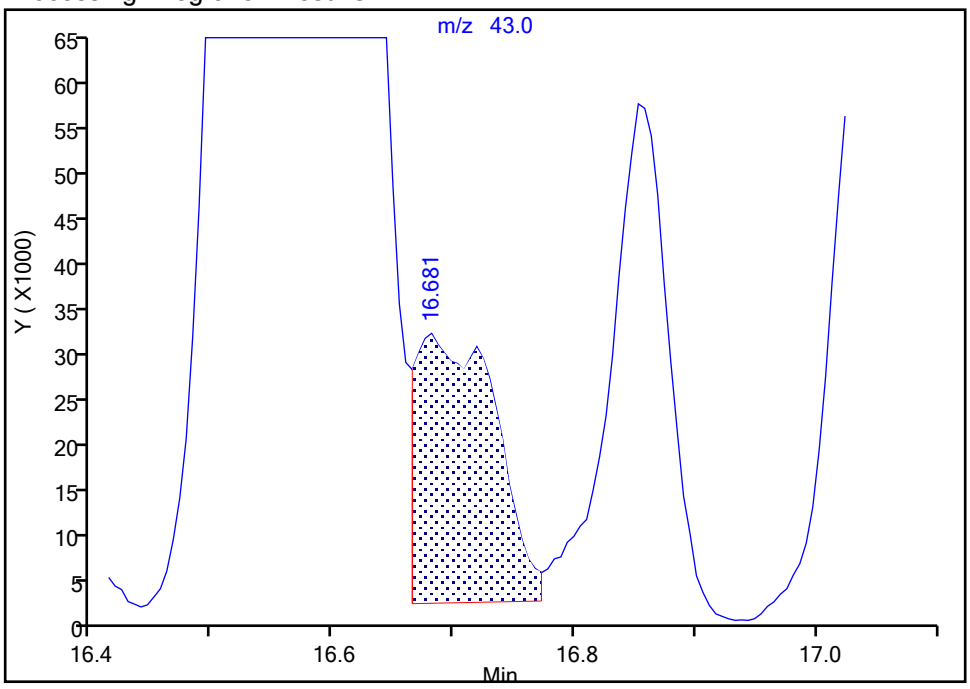
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Signal: 1

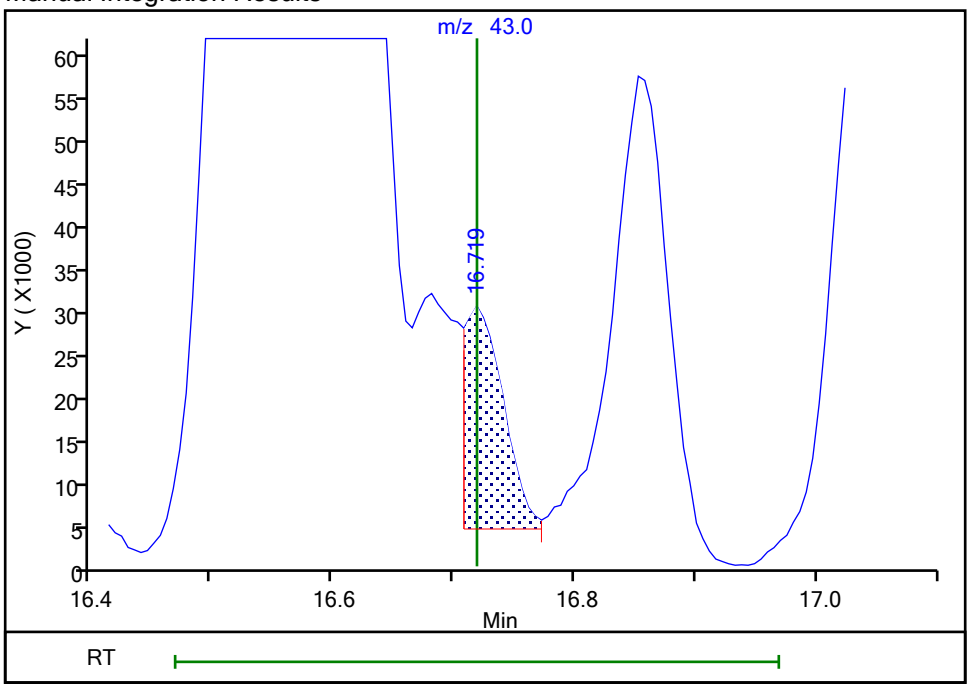
Processing Integration Results

RT: 16.68
Area: 137523
Amount: 2.226074
Amount Units: ppb v/v



Manual Integration Results

RT: 16.72
Area: 58285
Amount: 0.943455
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:06:40 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

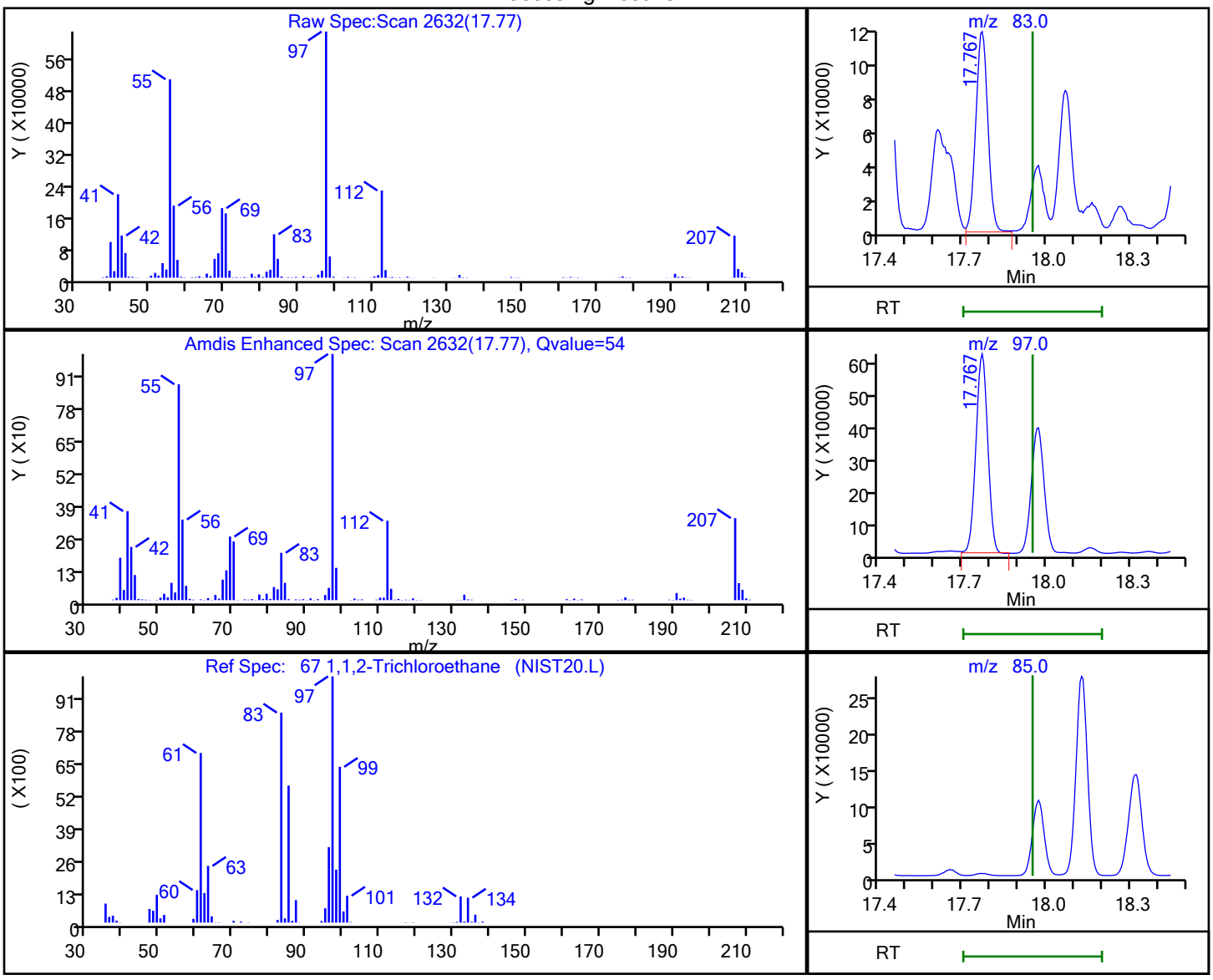
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	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
17.77	83.00	329263	8.622812
17.77	97.00	1864027	
17.95	85.00	0	

Reviewer: F7XK, 25-Jun-2025 11:06:53 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

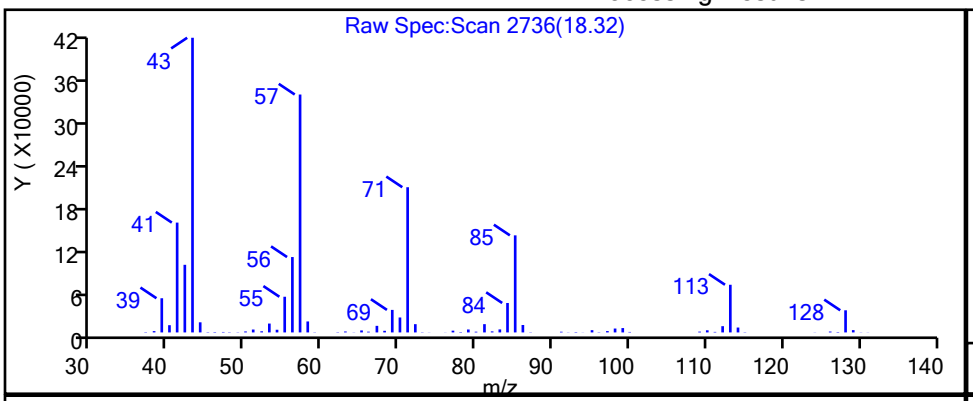
User Disabled Compound Report

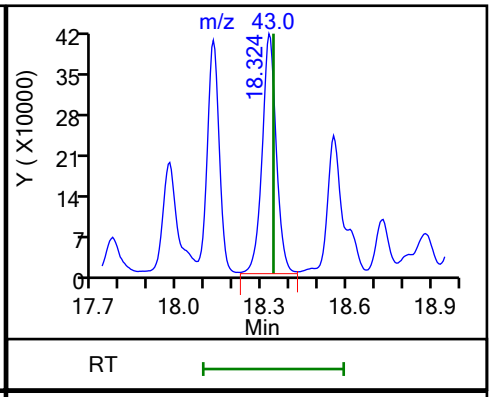
Eurofins Burlington

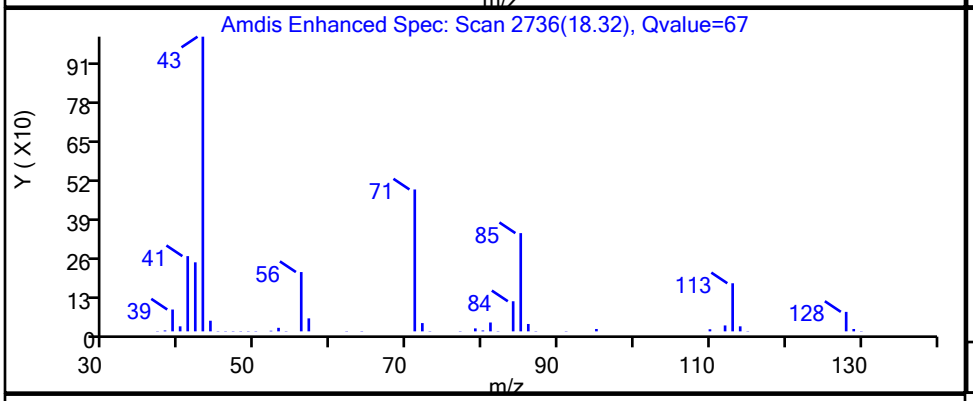
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

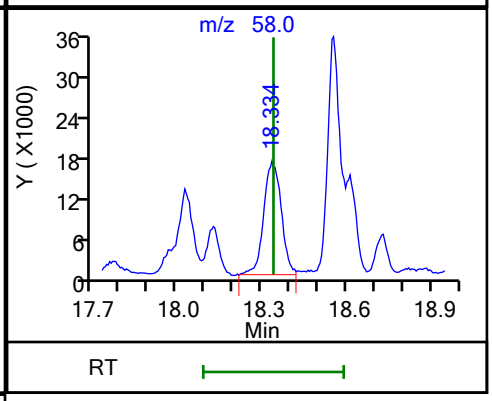
69 2-Hexanone, CAS: 591-78-6

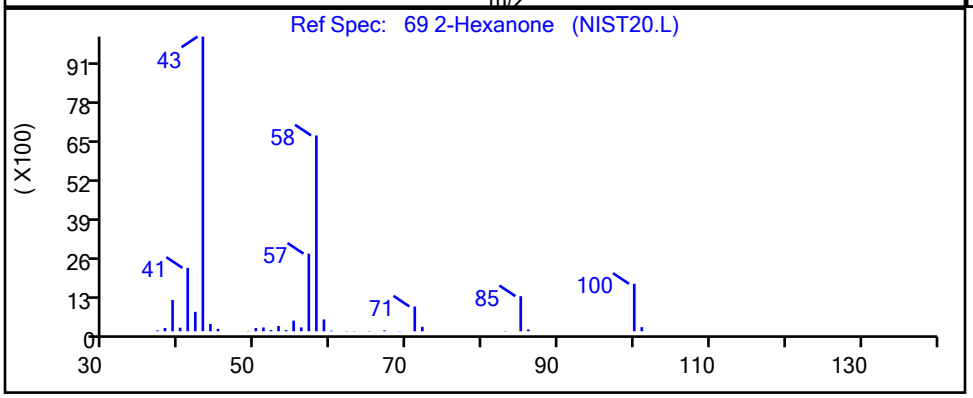
Processing Results











RT	Mass	Response	Amount
18.32	43.00	1437190	24.135685
18.33	58.00	74171	

Reviewer: F7XK, 25-Jun-2025 11:07:06 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

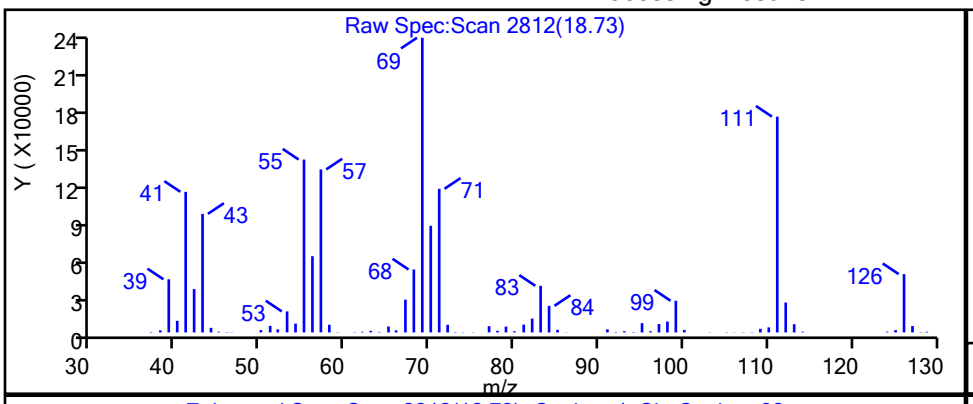
User Disabled Compound Report

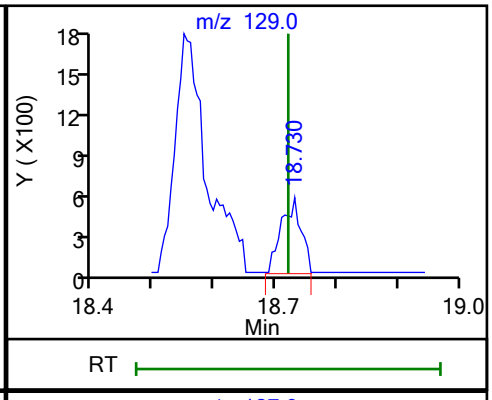
Eurofins Burlington

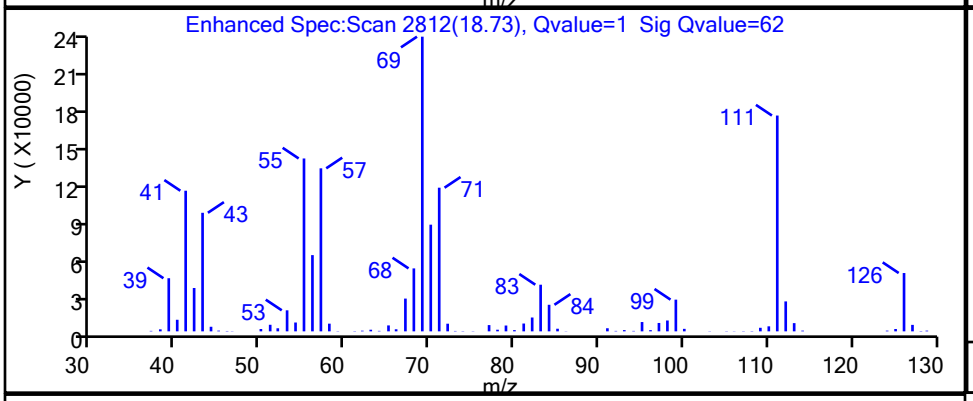
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

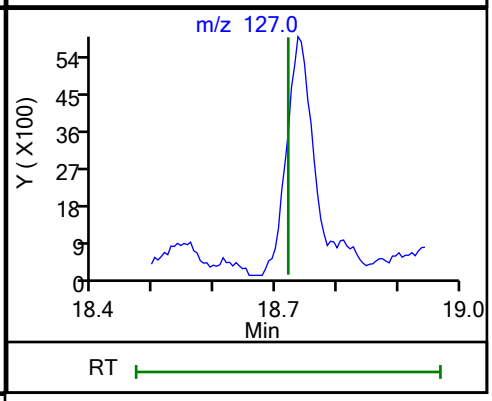
70 Chlorodibromomethane, CAS: 124-48-1

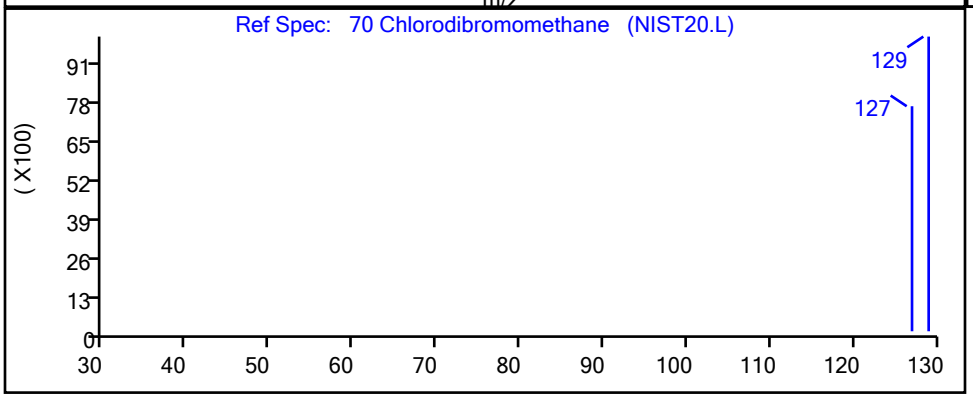
Processing Results











RT	Mass	Response	Amount
18.73	129.00	1253	0.015962
18.72	127.00	0	

Reviewer: F7XK, 25-Jun-2025 11:07:26 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

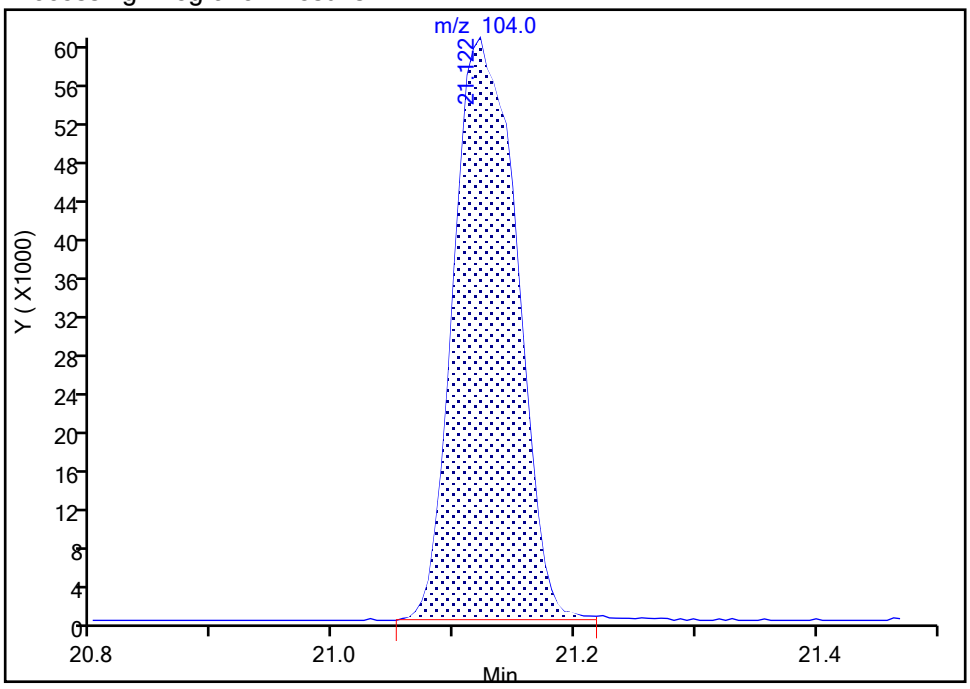
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

79 Styrene, CAS: 100-42-5

Signal: 1

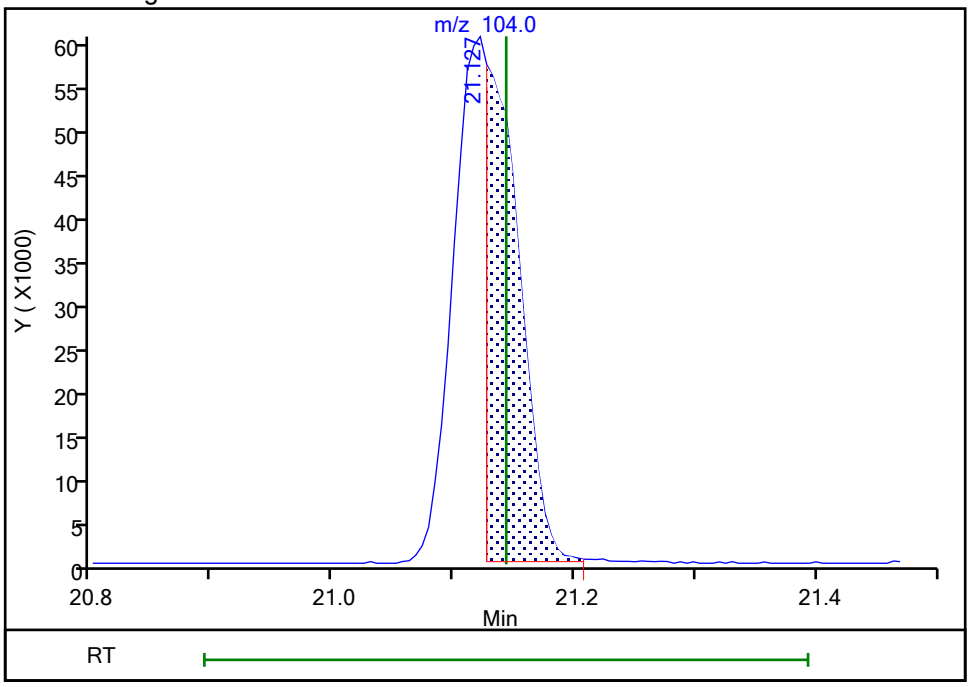
Processing Integration Results

RT: 21.12
Area: 219430
Amount: 2.190400
Amount Units: ppb v/v



Manual Integration Results

RT: 21.13
Area: 116258
Amount: 1.160514
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:08:18 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

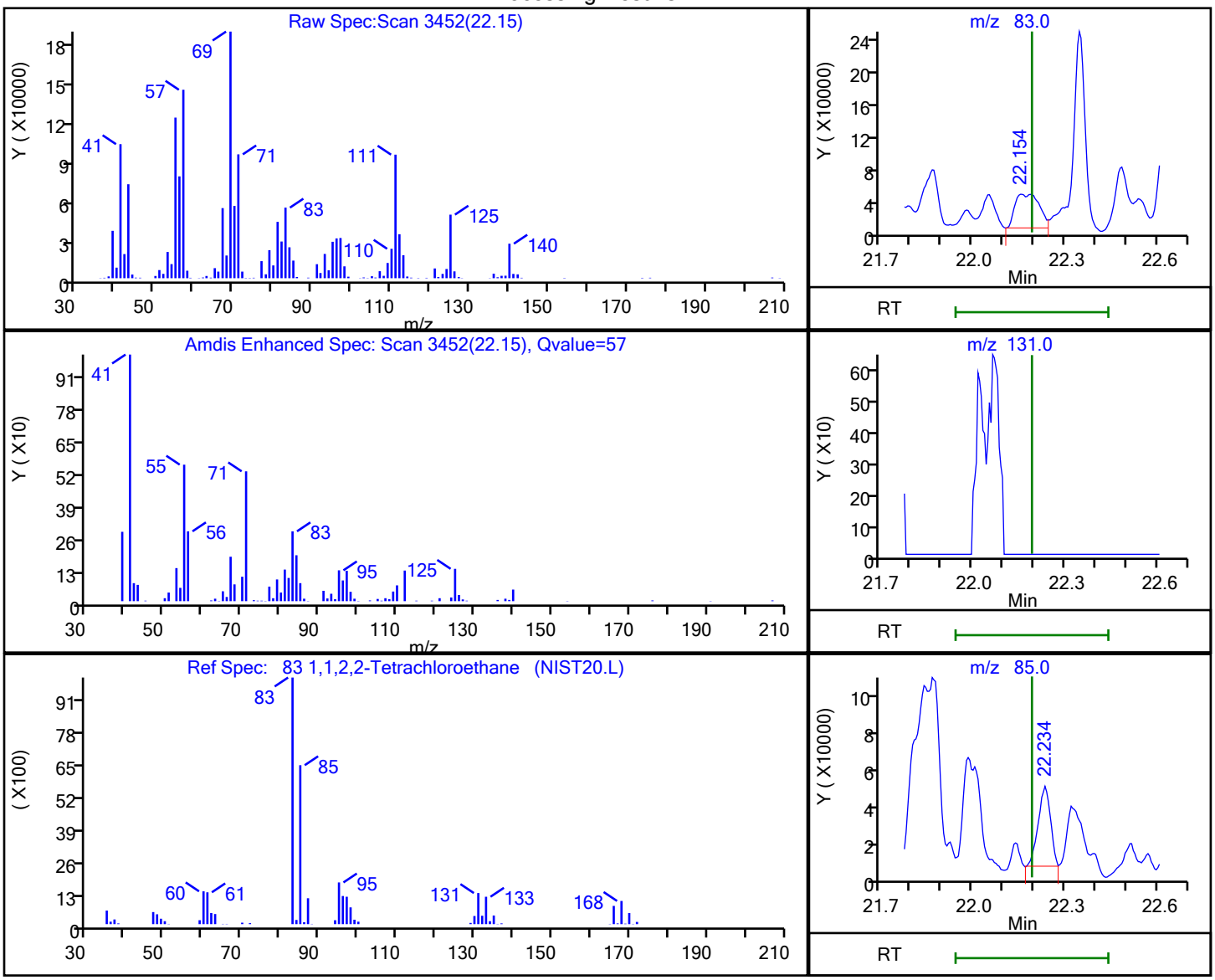
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

83 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
22.15	83.00	228166	2.222624
22.19	131.00	0	
22.23	85.00	123153	

Reviewer: F7XK, 25-Jun-2025 11:08:31 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

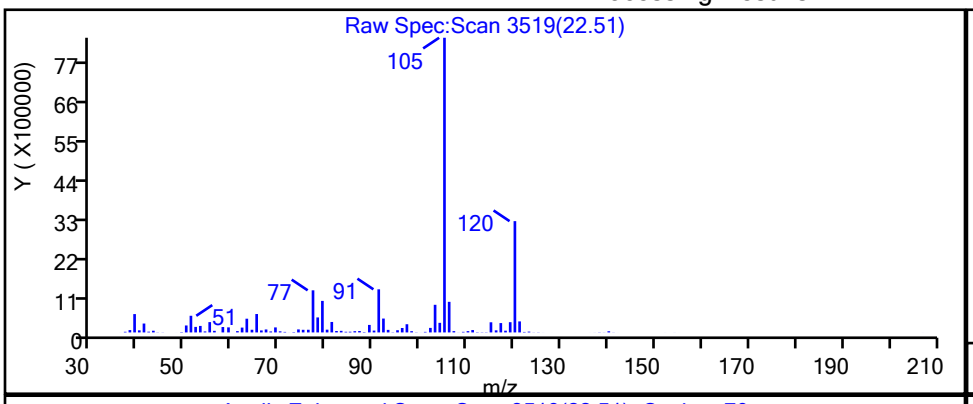
User Disabled Compound Report

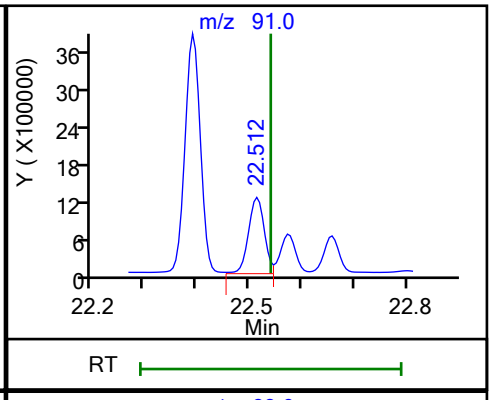
Eurofins Burlington

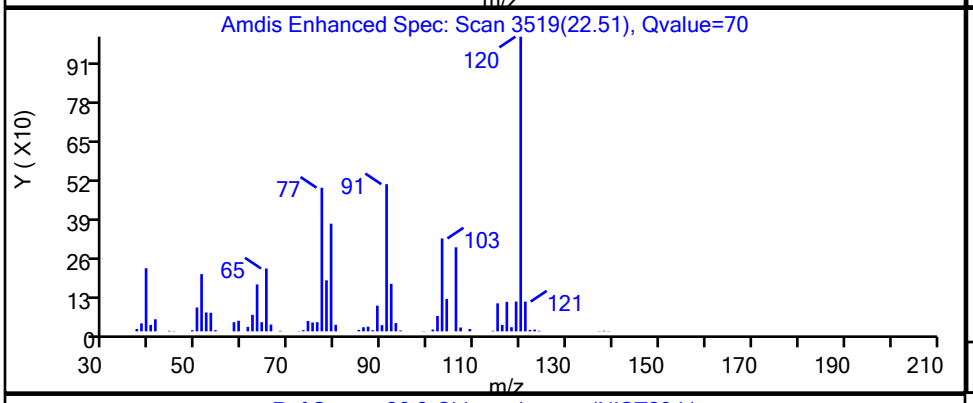
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Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

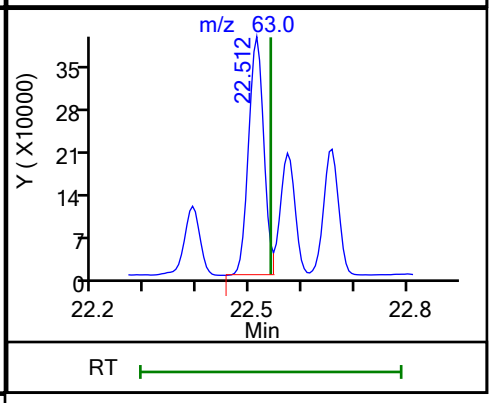
86 2-Chlorotoluene, CAS: 95-49-8

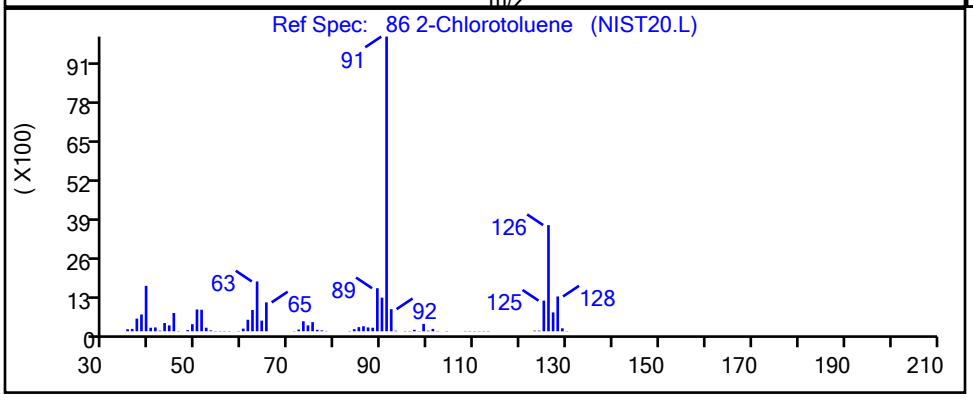
Processing Results











RT	Mass	Response	Amount
22.51	91.00	2534302	15.892097
22.51	63.00	793070	

Reviewer: F7XK, 25-Jun-2025 11:08:37 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

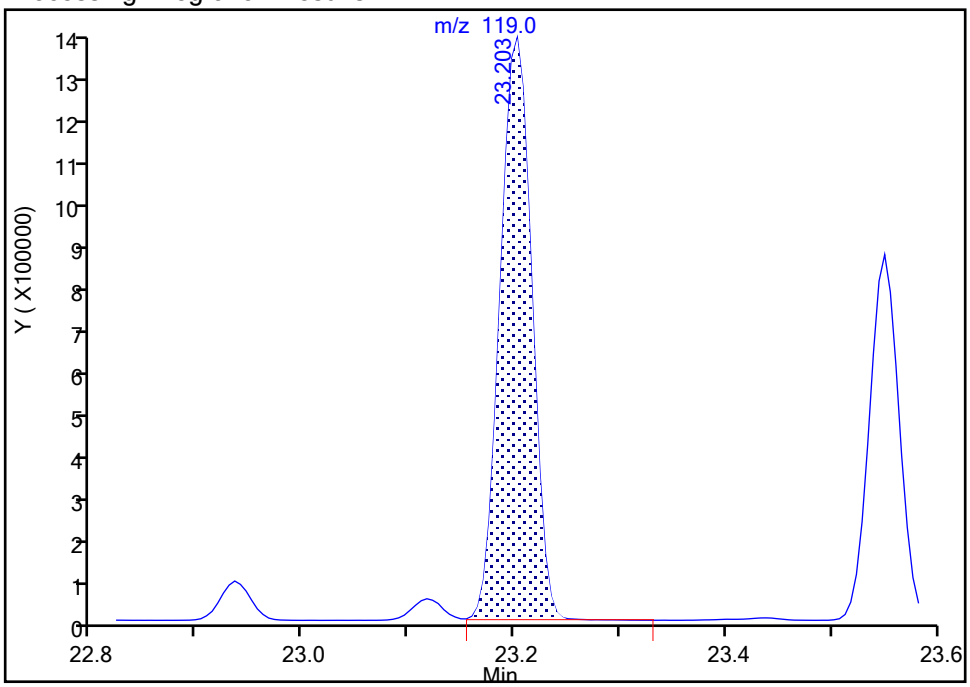
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Signal: 1

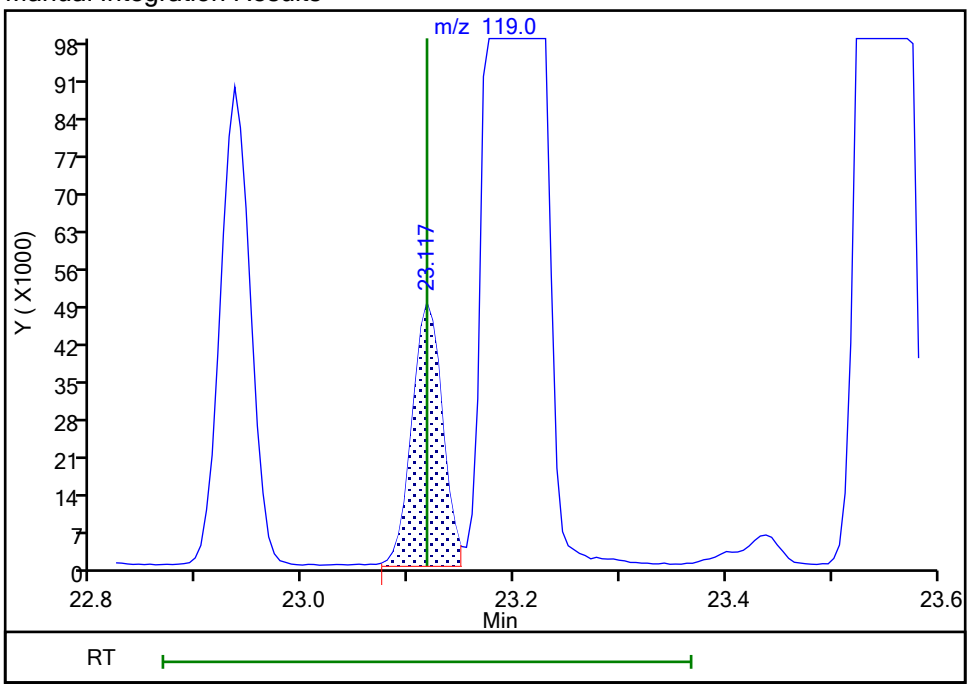
Processing Integration Results

RT: 23.20
Area: 2750497
Amount: 17.630605
Amount Units: ppb v/v



Manual Integration Results

RT: 23.12
Area: 97575
Amount: 0.625453
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:08:56 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

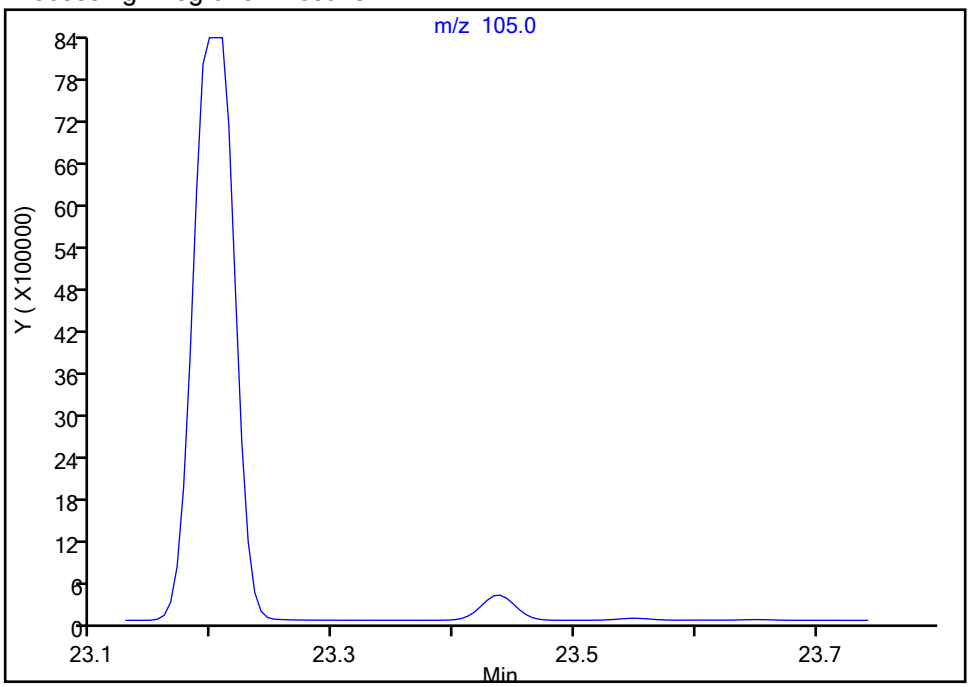
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

93 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

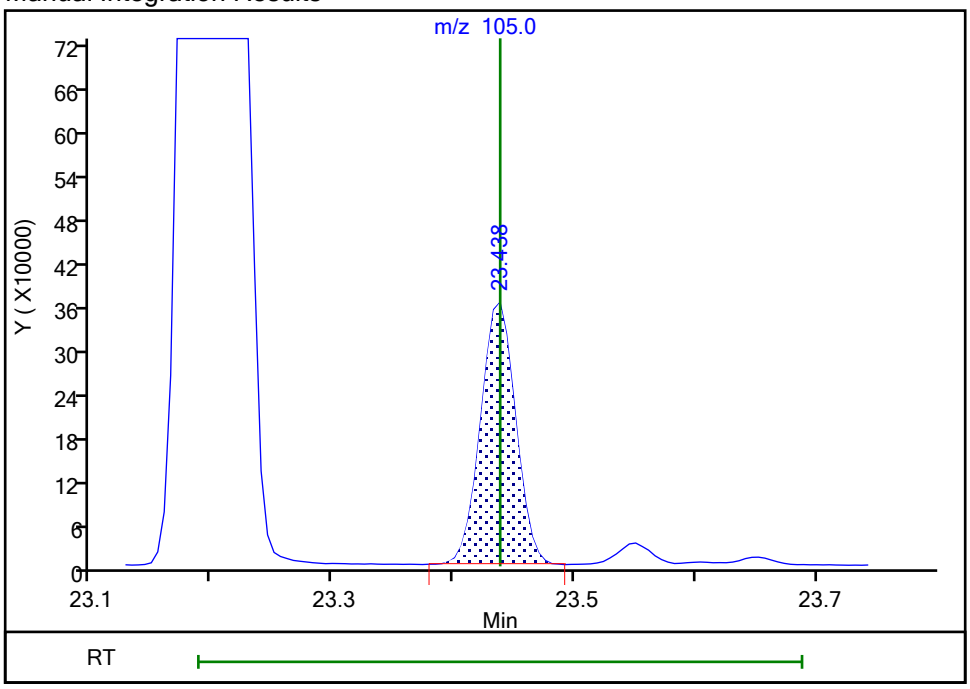
Not Detected
Expected RT: 23.44

Processing Integration Results



Manual Integration Results

RT: 23.44
Area: 728726
Amount: 3.114957
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:09:11 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

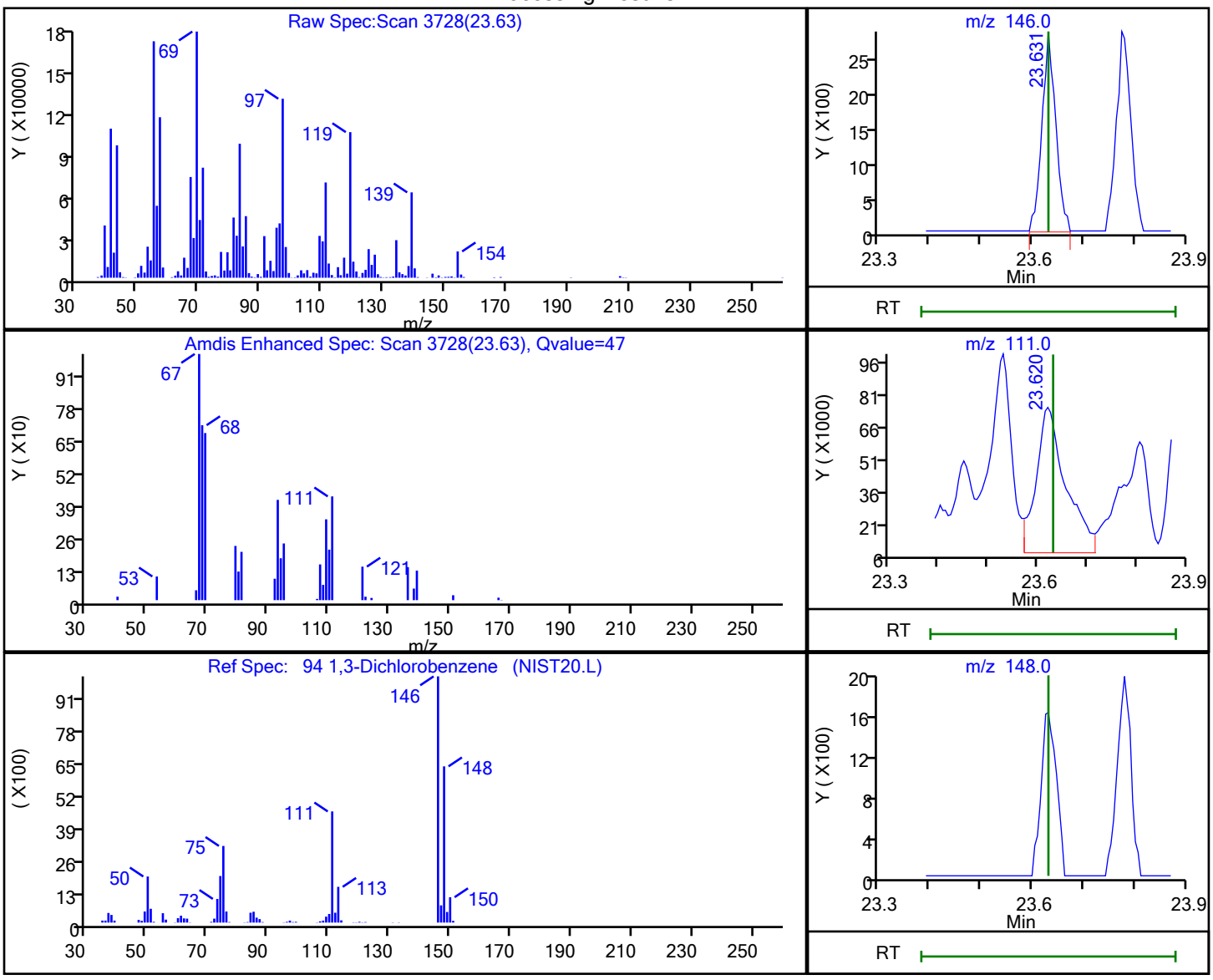
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	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
23.63	146.00	5256	0.042980
23.62	111.00	286508	
23.63	148.00	0	

Reviewer: F7XK, 25-Jun-2025 11:09:21 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

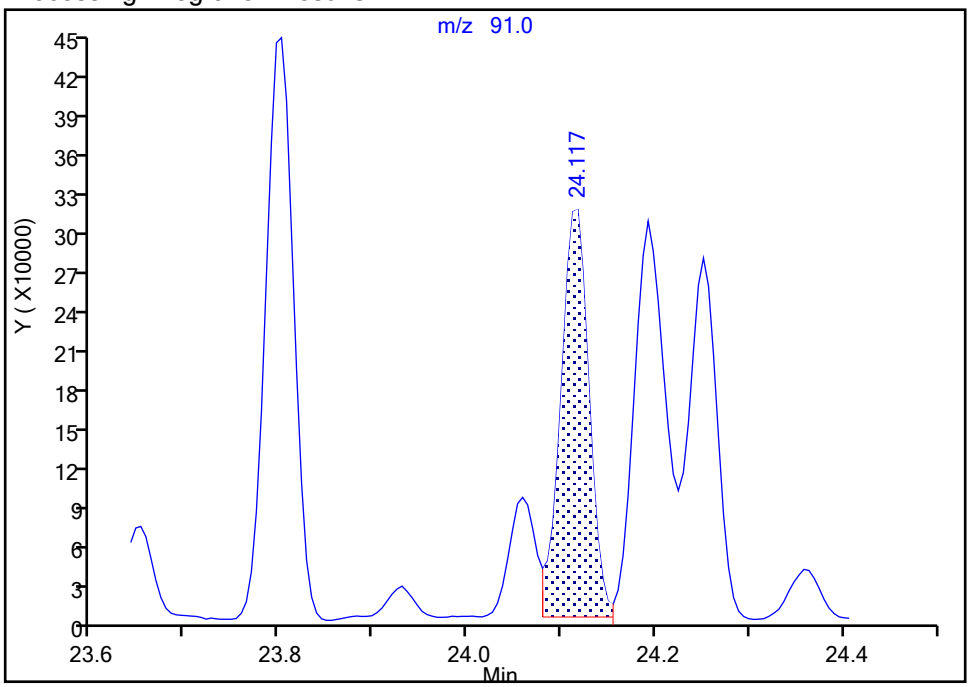
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Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

97 Benzyl chloride, CAS: 100-44-7

Signal: 1

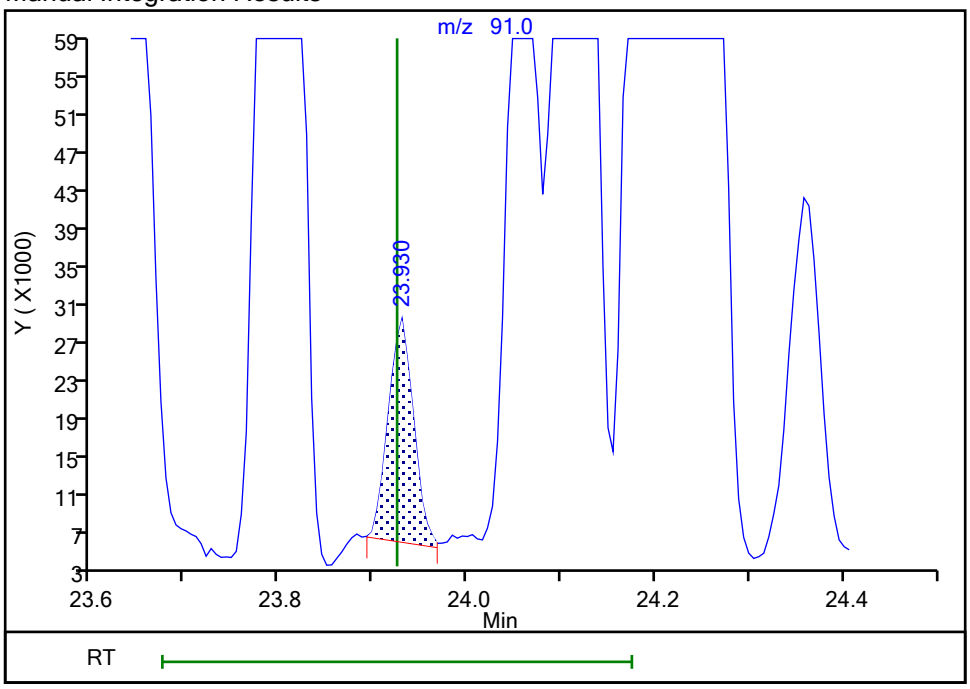
Processing Integration Results

RT: 24.12
Area: 646190
Amount: 4.744238
Amount Units: ppb v/v



Manual Integration Results

RT: 23.93
Area: 43600
Amount: 0.320105
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:09:38 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

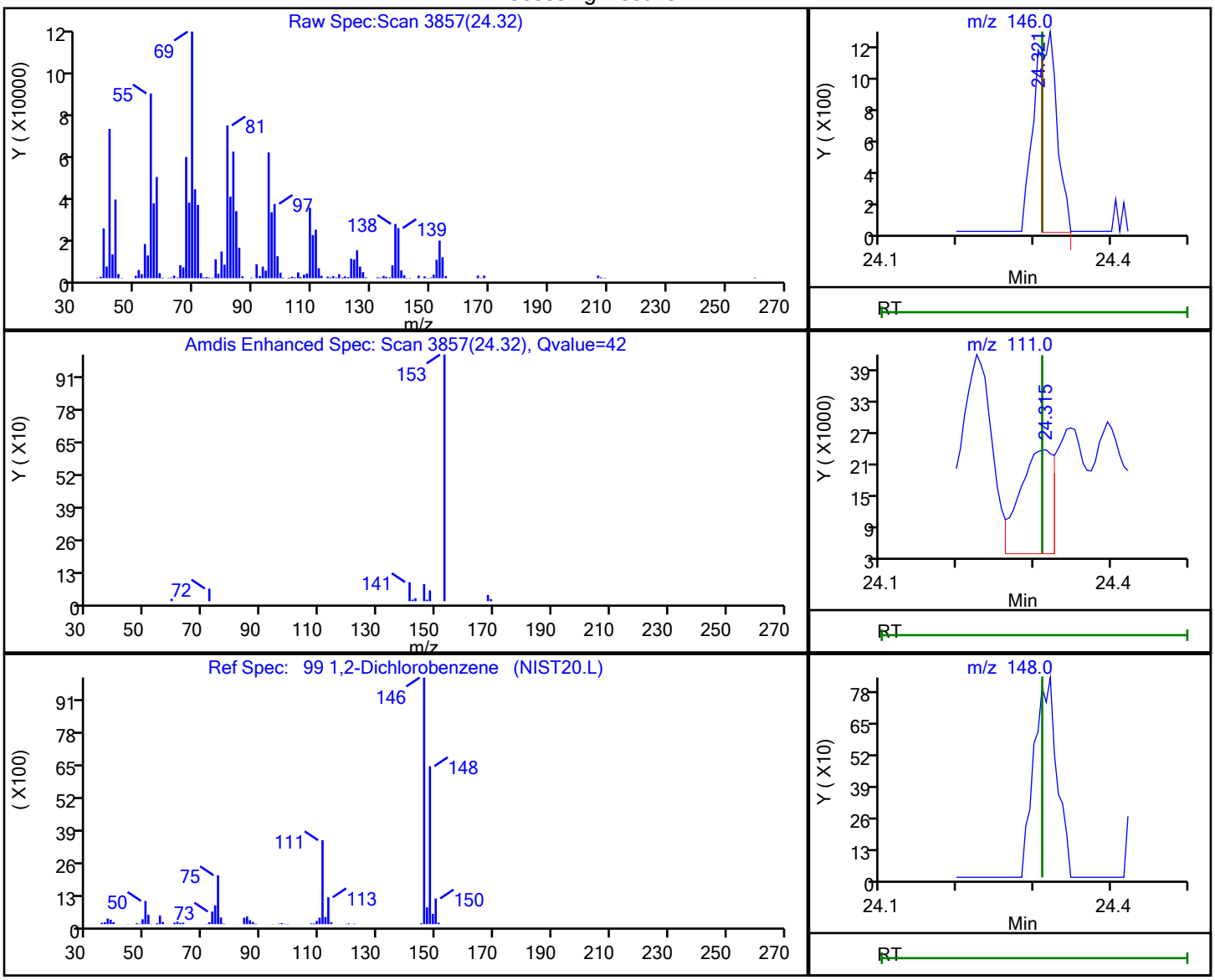
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-10.d				
Injection Date:	24-Jun-2025 18:16:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-2	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

99 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
24.32	146.00	1698	0.014471
24.32	111.00	62709	
24.31	148.00	0	

Reviewer: F7XK, 25-Jun-2025 11:09:56 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.: 200-78438-1

SDG No.:

Client Sample ID: DUP-SV-06202025 DL Lab Sample ID: 200-78438-2 DL

Matrix: Air Lab File ID: 65727_008.D

Analysis Method: TO-15 Date Collected: 06/20/2025 12:55

Sample wt/vol: 10(mL) Date Analyzed: 06/25/2025 13:18

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.: 217811 Units: ug/m3

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-45-6	Chlorodifluoromethane	86.47	600	D	35	25
106-97-8	n-Butane	58.12	1300	D	24	15
67-64-1	Acetone	58.08	280	D	240	90
110-54-3	n-Hexane	86.17	150	D	35	11
67-66-3	Chloroform	119.38	210	D	20	5.8
95-47-6	o-Xylene	106.17	190	D	17	6.0
622-96-8	4-Ethyltoluene	120.20	330	D	20	6.7
108-67-8	1,3,5-Trimethylbenzene	120.20	400	D	20	6.7
95-63-6	1,2,4-Trimethylbenzene	120.20	800	D	20	8.1

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: DUP-SV-06202025 DL Lab Sample ID: 200-78438-2 DL

Matrix: Air Lab File ID: 65727_008.D

Analysis Method: TO-15 Date Collected: 06/20/2025 12:55

Sample wt/vol: 10(mL) Date Analyzed: 06/25/2025 13:18

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.: 217811 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-45-6	Chlorodifluoromethane	86.47	170	D	10	7.2
106-97-8	n-Butane	58.12	560	D	10	6.2
67-64-1	Acetone	58.08	120	D	100	38
110-54-3	n-Hexane	86.17	43	D	10	3.2
67-66-3	Chloroform	119.38	44	D	4.0	1.2
95-47-6	o-Xylene	106.17	44	D	4.0	1.4
622-96-8	4-Ethyltoluene	120.20	67	D	4.0	1.4
108-67-8	1,3,5-Trimethylbenzene	120.20	81	D	4.0	1.4
95-63-6	1,2,4-Trimethylbenzene	120.20	160	D	4.0	1.6

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\65727_008.D
Lims ID: 200-78438-A-2 DL
Client ID: DUP-SV-06202025
Sample Type: Client
Inject. Date: 25-Jun-2025 13:18:44 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 20.0000
Sample Info: 200-0065727-008
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jun-2025 10:10:39 Calib Date: 13-May-2025 01:19:20
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_014.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1704

First Level Reviewer: YWL8 Date: 26-Jun-2025 10:10:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.369	4.369	0.000	99	127800	2.09	
3 Chlorodifluoromethane	51	4.417	4.417	0.000	97	280973	8.53	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.744				ND	MU
5 Chloromethane	50		4.867				ND	MU
7 Butane	43	5.171	5.172	-0.001	99	1106302	28.0	
6 Vinyl chloride	62		5.172				ND	MU
8 Butadiene	54	5.289	5.289	0.000	97	3442	0.1477	
9 Bromomethane	94		6.038				ND	
10 Chloroethane	64	6.316	6.316	-0.001	95	1188	0.0921	M
13 Vinyl bromide	106		6.750				ND	
14 Trichlorofluoromethane	101		6.910				ND	
20 1,1-Dichloroethene	96	8.001	7.996	0.005	1	238	0.008775	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.034				ND	
22 Acetone	43	8.092	8.082	0.010	99	214811	5.85	
23 Isopropyl alcohol	45	8.419	8.419	0.037	1	2841	0.0749	7M
24 Carbon disulfide	76	8.408	8.403	0.005	99	47876	0.5954	
26 3-Chloro-1-propene	41		8.708				ND	MU
27 Methylene Chloride	49		8.949				ND	MU
28 2-Methyl-2-propanol	59	9.173	9.157	0.016	93	11434	0.2143	
31 Methyl tert-butyl ether	73	9.456	9.446	0.010	89	69927	0.9108	
30 trans-1,2-Dichloroethene	61		9.452				ND	
32 Hexane	57	9.965	9.960	0.005	93	90591	2.14	
33 1,1-Dichloroethane	63	10.238	10.232	0.005	100	82098	1.59	
36 2-Butanone (MEK)	72	11.238	11.222	0.016	81	2035	0.1482	
37 cis-1,2-Dichloroethene	96		11.249				ND	MU
* 39 Chlorobromomethane	128	11.666	11.666	0.000	98	236382	10.0	
40 Tetrahydrofuran	42	11.719	11.698	0.021	75	3166	0.1056	
41 Chloroform	83	11.848	11.848	0.000	96	133814	2.20	
42 1,1,1-Trichloroethane	97	12.147	12.132	-0.001	97	12586	0.2085	
43 Cyclohexane	84	12.281	12.276	0.005	95	54255	1.42	
44 Carbon tetrachloride	117		12.421				ND	
45 Benzene	78	12.779	12.779	0.000	97	148843	1.64	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
46 1,2-Dichloroethane	62		12.865				ND	
47 Isooctane	57	12.987	12.982	0.005	98	213445	1.54	
48 n-Heptane	43	13.292	13.293	-0.001	96	49976	1.04	
* 49 1,4-Difluorobenzene	114	13.522	13.523	-0.001	96	1167602	10.0	
51 Trichloroethene	95	13.956	13.956	0.000	89	2500	0.0623	
53 1,2-Dichloropropane	63		14.421				ND	
54 Methyl methacrylate	69		14.502				ND	MU
55 1,4-Dioxane	88		14.544				ND	
58 Dichlorobromomethane	83	14.876	14.876	-0.022	1	5156	0.0773	M
59 cis-1,3-Dichloropropene	75		15.700				ND	
61 4-Methyl-2-pentanone (MIBK)	43	15.967	15.967	0.010	75	5608	0.0909	M
62 Toluene	92	16.336	16.331	0.005	93	106550	1.76	
66 trans-1,3-Dichloropropene	75		16.759				ND	
67 1,1,2-Trichloroethane	83		17.139				ND	MU
68 Tetrachloroethene	166	17.326	17.321	0.005	93	5449	0.1179	
69 2-Hexanone	43		17.540				ND	MU
70 Chlorodibromomethane	129		17.877				ND	
71 Ethylene Dibromide	107		18.113				ND	
* 73 Chlorobenzene-d5	117	19.027	19.028	-0.001	91	1054258	10.0	
74 Chlorobenzene	112		19.081				ND	
75 Ethylbenzene	91	19.273	19.268	0.005	99	108212	0.8081	
76 m-Xylene & p-Xylene	106	19.519	19.530	-0.011	0	166469	3.32	
78 o-Xylene	106	20.306	20.301	0.005	98	104138	2.19	
79 Styrene	104		20.338				ND	MU
81 Bromoform	173		20.681				ND	
82 Isopropylbenzene	105	20.975	20.969	0.005	98	77650	0.5486	
83 1,1,2,2-Tetrachloroethane	83		21.494				ND	MU
85 N-Propylbenzene	91	21.670	21.670	0.000	98	325256	1.85	
86 2-Chlorotoluene	91		21.820				ND	MU
87 4-Ethyltoluene	105	21.863	21.863	0.000	99	463671	3.35	
88 1,3,5-Trimethylbenzene	105	21.959	21.954	0.000	91	475503	4.04	
91 tert-Butylbenzene	119	22.430	22.430	-0.005	71	3575	0.0322	M
92 1,2,4-Trimethylbenzene	105	22.521	22.521	0.000	99	951570	8.10	
93 sec-Butylbenzene	105	22.756	22.756	0.005	91	26269	0.1519	M
94 1,3-Dichlorobenzene	146		22.928				ND	7
95 4-Isopropyltoluene	119	22.965	22.959	0.000	97	21148	0.1519	
96 1,4-Dichlorobenzene	146		23.067				ND	7
97 Benzyl chloride	91	23.232	23.232	0.010	66	2721	0.0269	M
98 n-Butylbenzene	91	23.526	23.526	-0.001	97	18397	0.1354	
99 1,2-Dichlorobenzene	146		23.570				ND	7
102 1,2,4-Trichlorobenzene	180		26.063				ND	7
103 Hexachlorobutadiene	225		26.309				ND	
104 Naphthalene	128	26.565	26.576	0.005	98	5284	0.0593	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

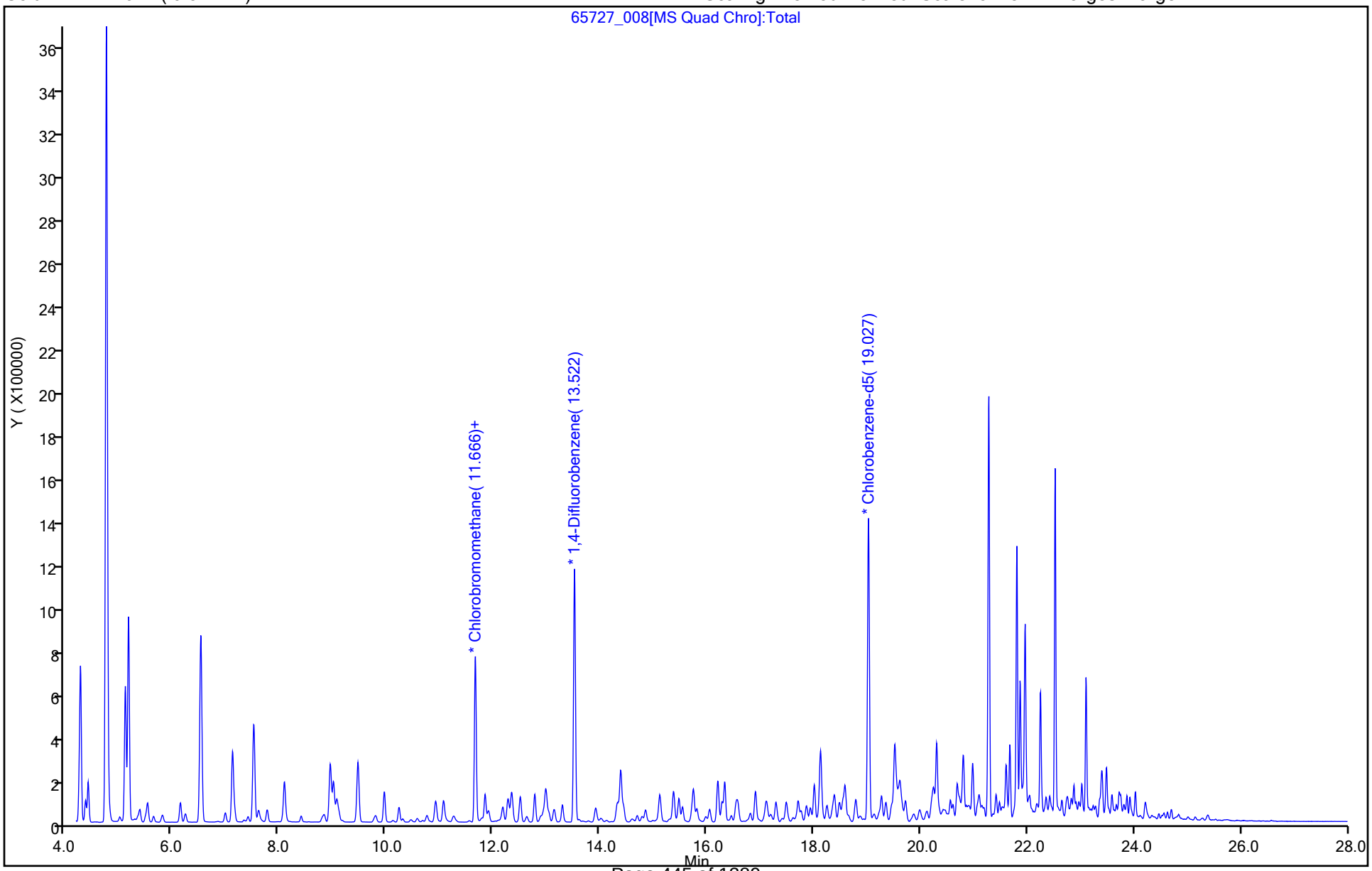
ATTO15AMISs_00004 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 26-Jun-2025 10:10:39 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\65727_008.D				
Injection Date:	25-Jun-2025 13:18:44	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-78438-A-2 DL	Lab Sample ID:	200-78438-2	Worklist Smp#:	8
Client ID:	DUP-SV-06202025				
Purge Vol:	200.000 mL	Dil. Factor:	20.0000	ALS Bottle#:	7
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

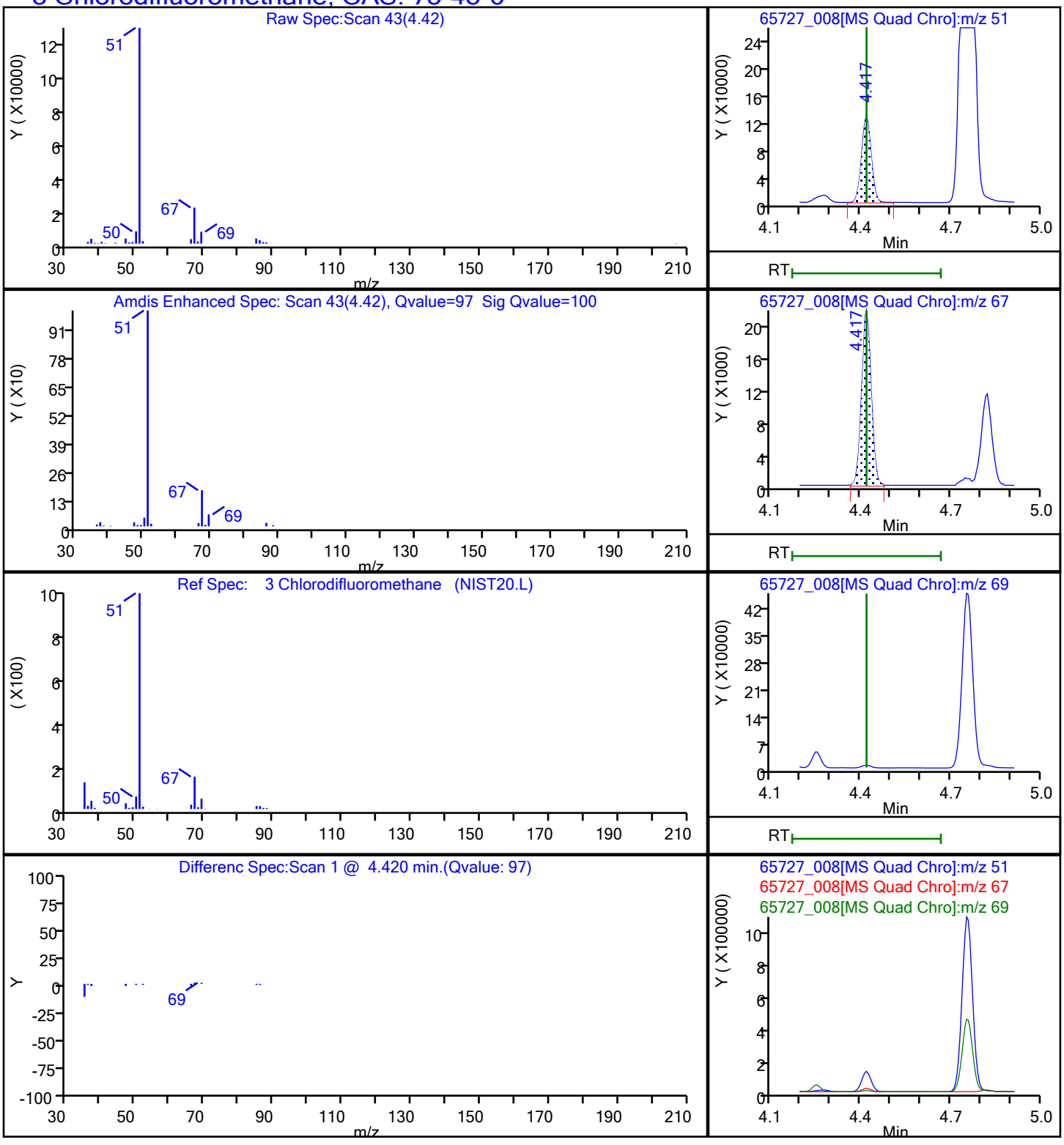


Report Date: 26-Jun-2025 10:10:39 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\65727_008.D				
Injection Date:	25-Jun-2025 13:18:44	Instrument ID:	CHAM.i		
Lims ID:	200-78438-A-2 DL	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6

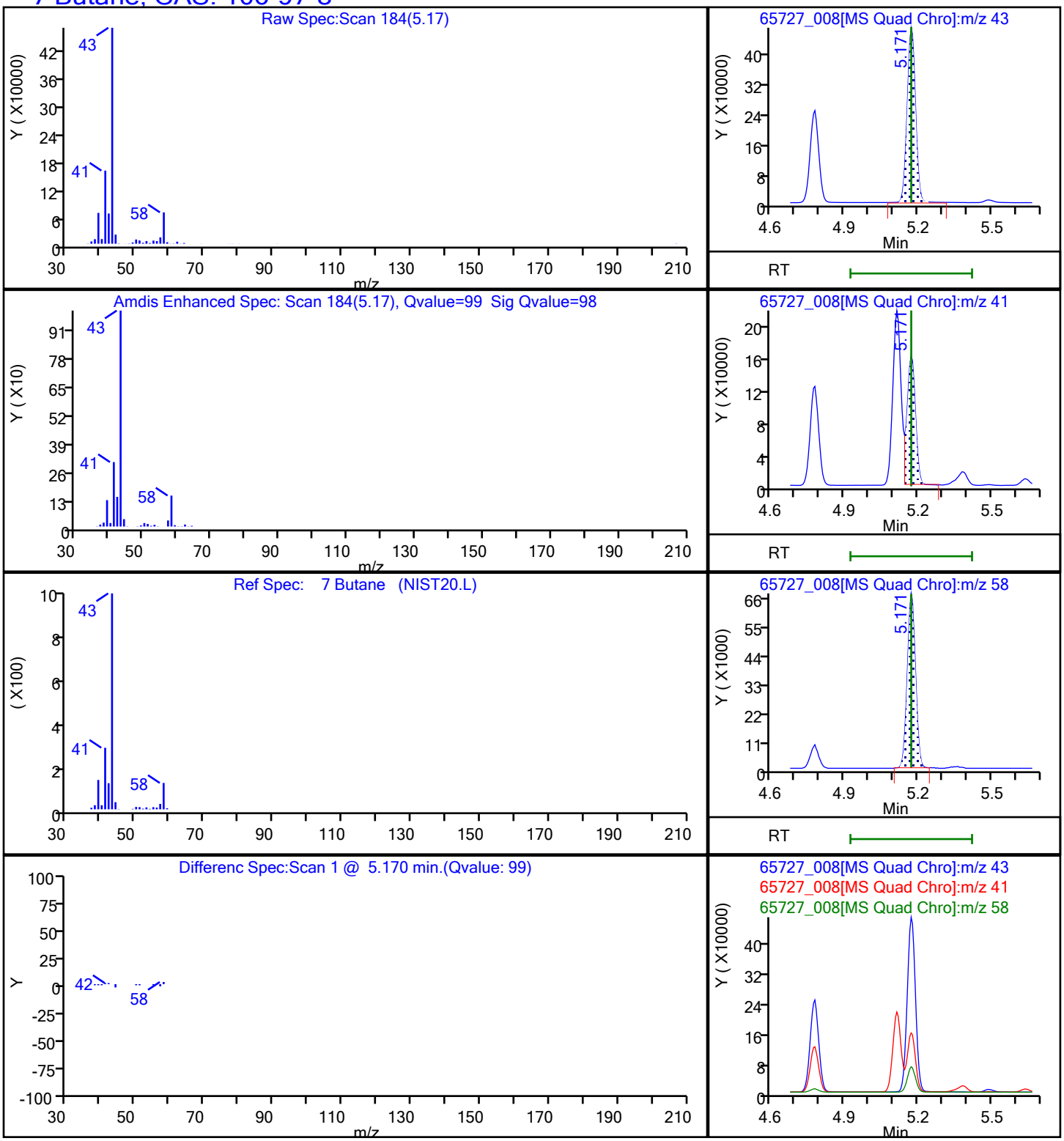


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Eurofins Burlington

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Injection Date:	25-Jun-2025 13:18:44	Instrument ID:	CHAM.i		
Lims ID:	200-78438-A-2 DL	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

7 Butane, CAS: 106-97-8

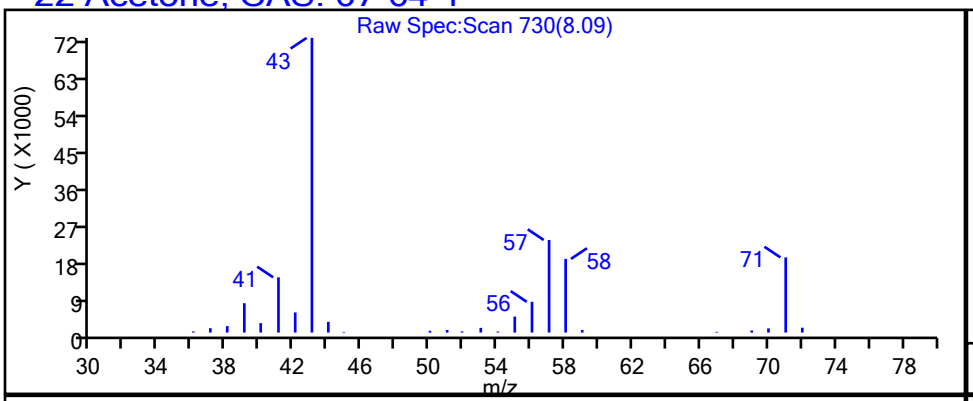


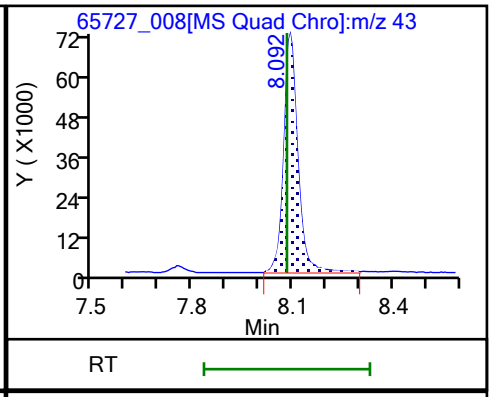
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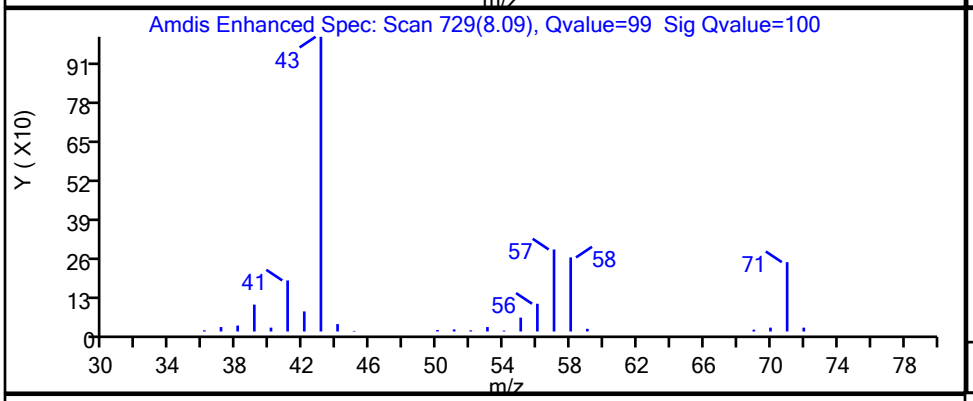
Eurofins Burlington

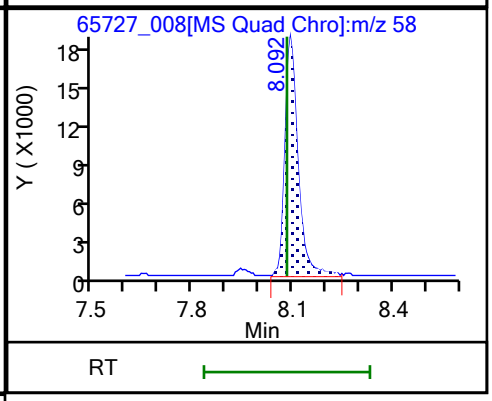
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Injection Date:	25-Jun-2025 13:18:44	Instrument ID:	CHAM.i		
Lims ID:	200-78438-A-2 DL	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

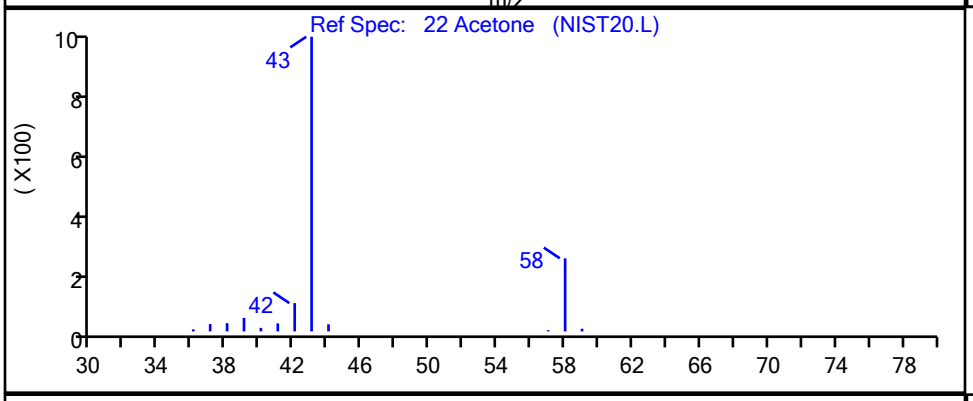
22 Acetone, CAS: 67-64-1

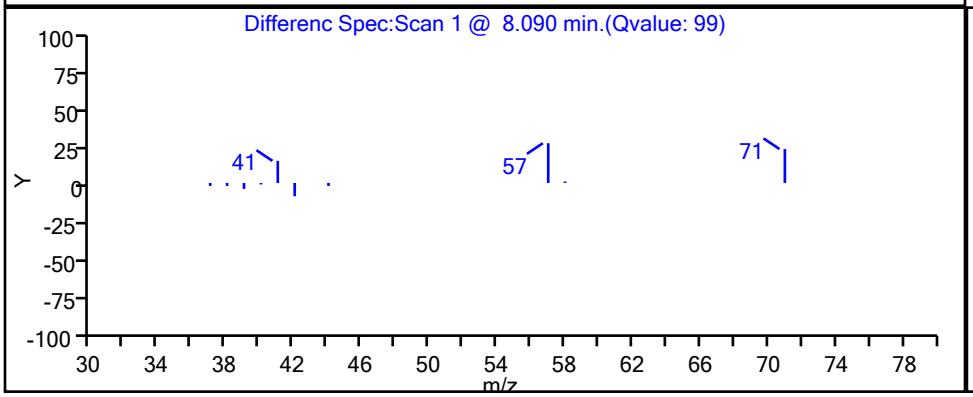


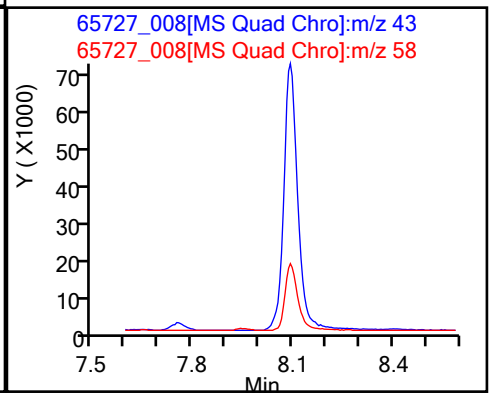










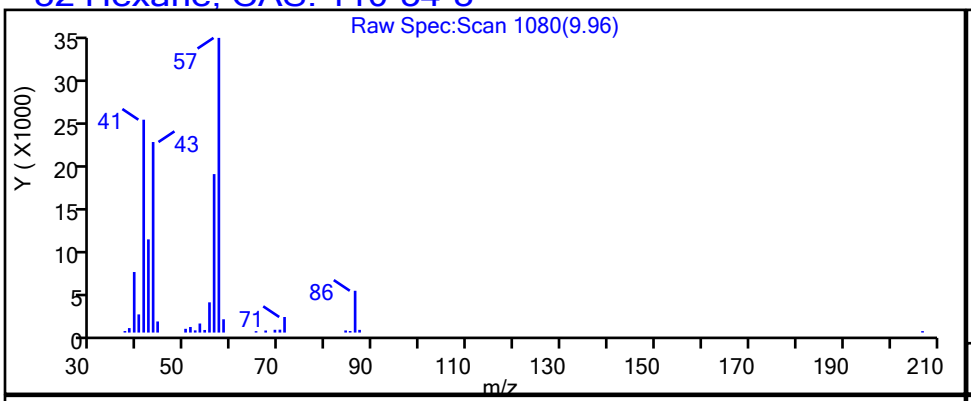


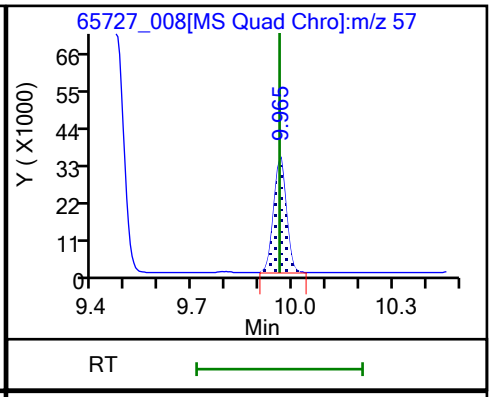
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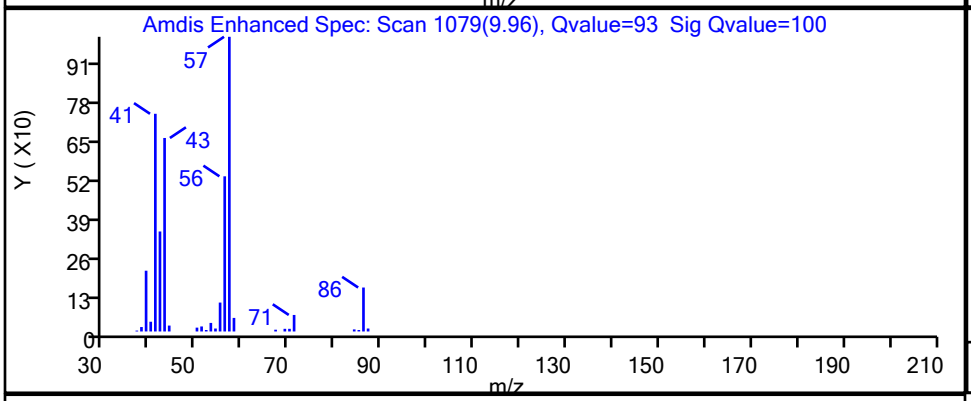
Eurofins Burlington

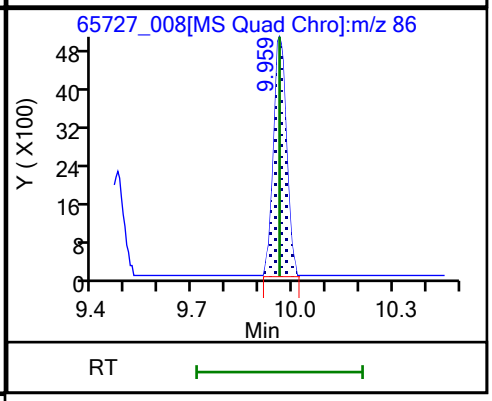
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Injection Date:	25-Jun-2025 13:18:44	Instrument ID:	CHAM.i		
Lims ID:	200-78438-A-2 DL	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

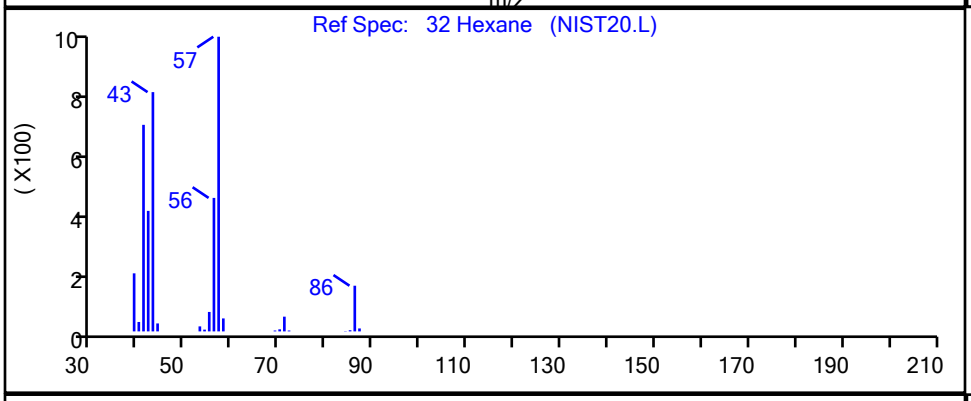
32 Hexane, CAS: 110-54-3

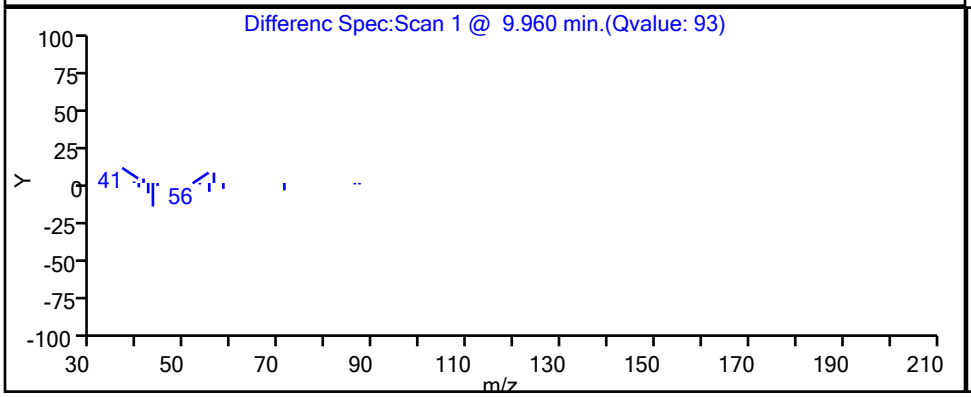


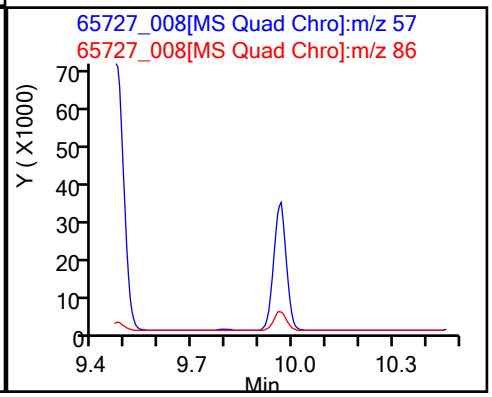












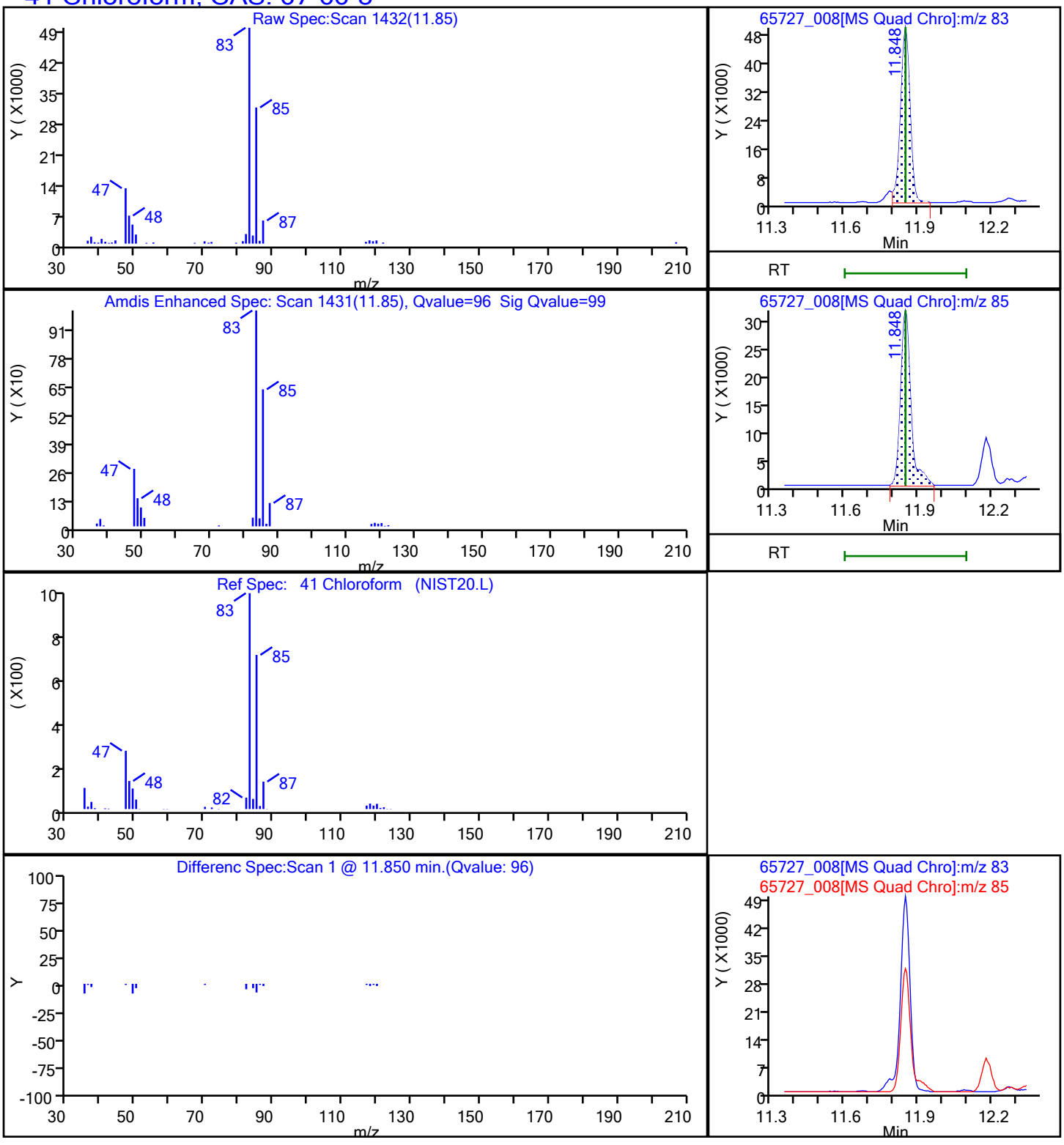
Report Date: 26-Jun-2025 10:10:40 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\65727_008.D

Injection Date:	25-Jun-2025 13:18:44	Instrument ID:	CHAM.i		
Lims ID:	200-78438-A-2 DL	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

41 Chloroform, CAS: 67-66-3

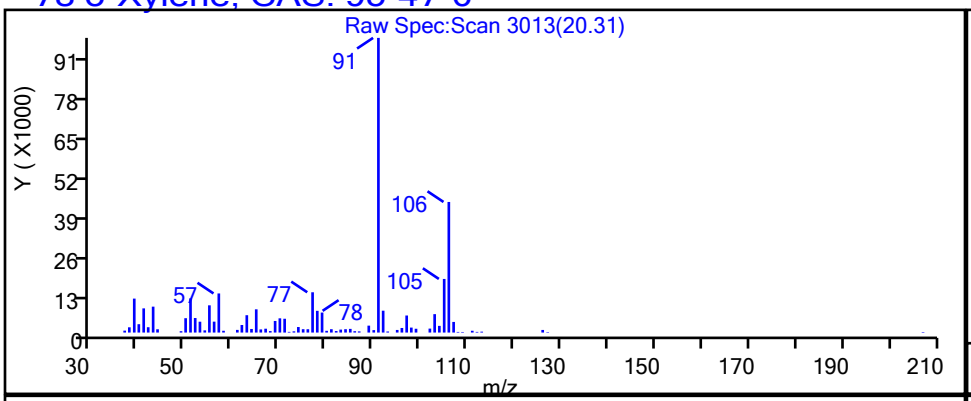


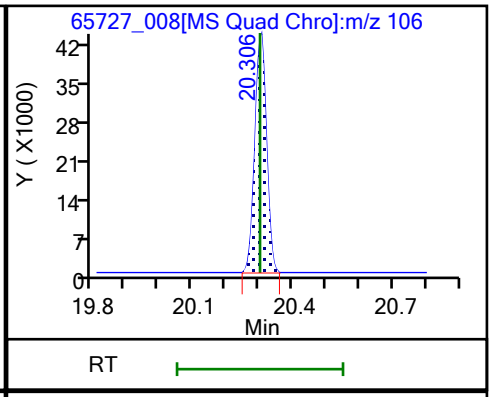
Report Date: 26-Jun-2025 10:10:40 Chrom Revision: 2.3 14-Jun-2025 12:06:34

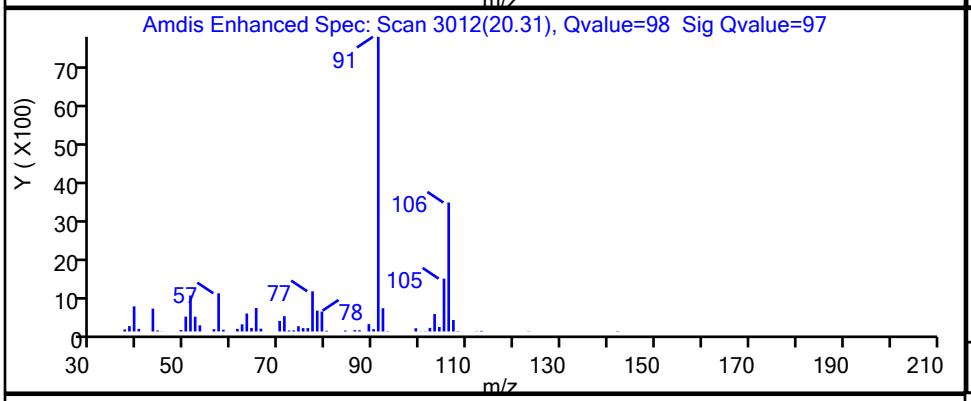
Eurofins Burlington

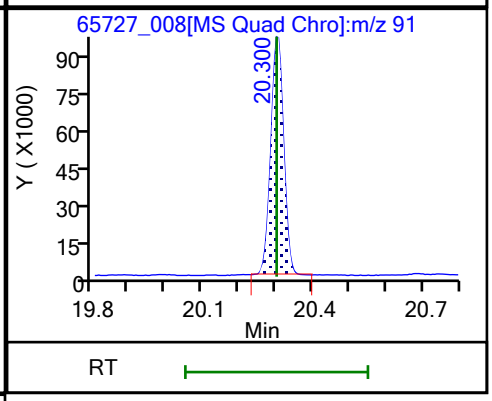
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Injection Date:	25-Jun-2025 13:18:44	Instrument ID:	CHAM.i		
Lims ID:	200-78438-A-2 DL	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

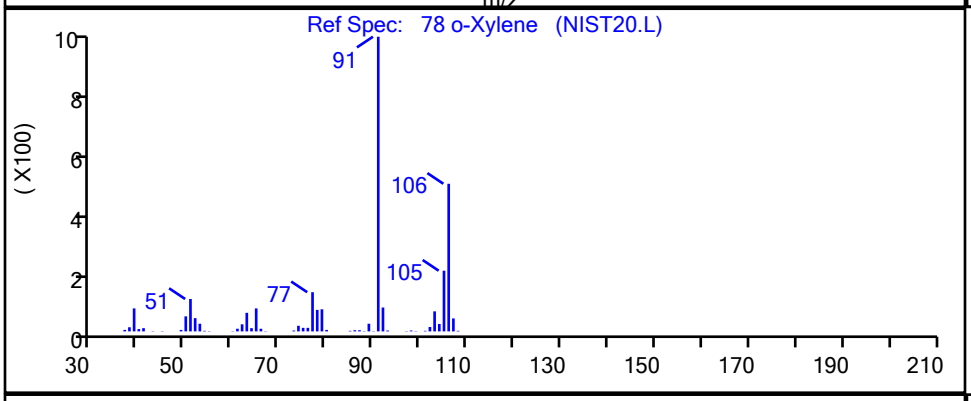
78 o-Xylene, CAS: 95-47-6

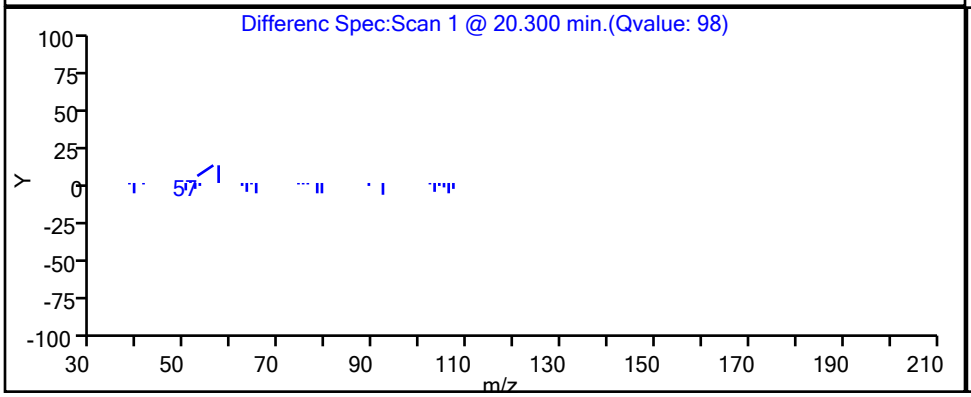


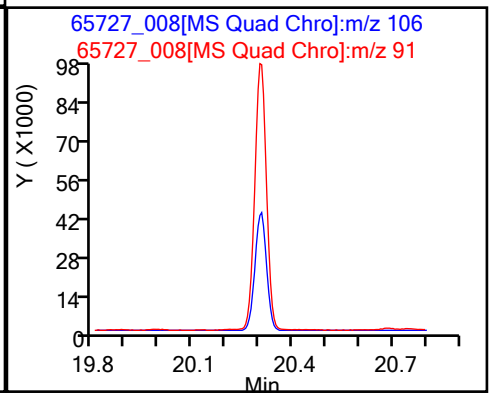










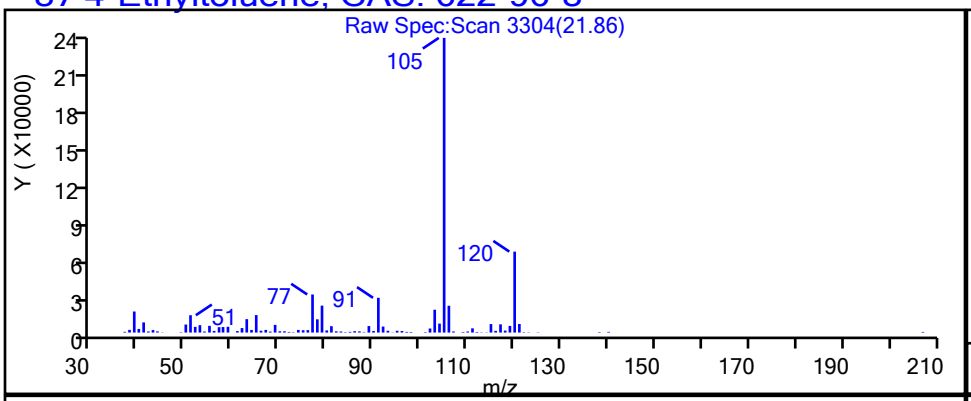


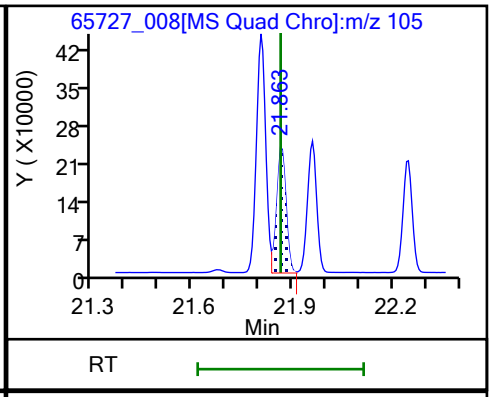
Report Date: 26-Jun-2025 10:10:40 Chrom Revision: 2.3 14-Jun-2025 12:06:34

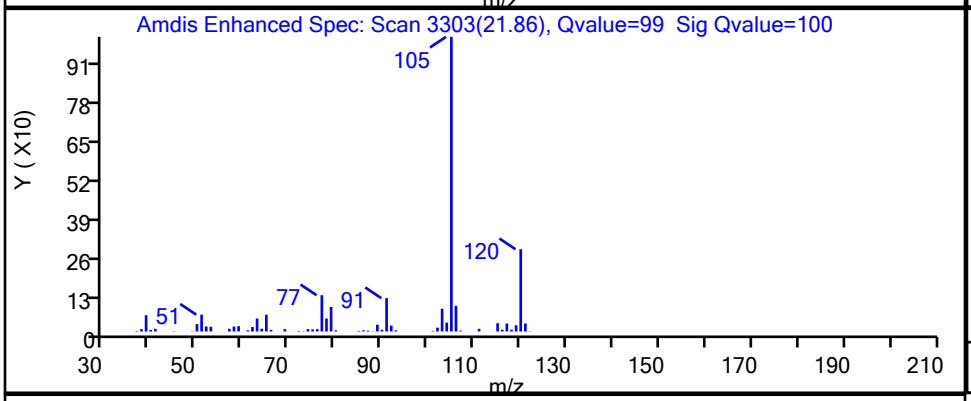
Eurofins Burlington

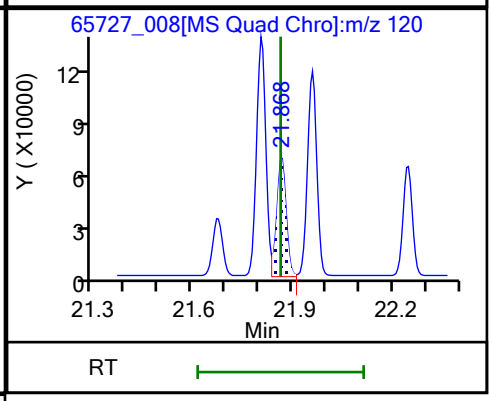
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\65727_008.D				
Injection Date:	25-Jun-2025 13:18:44	Instrument ID:	CHAM.i		
Lims ID:	200-78438-A-2 DL	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

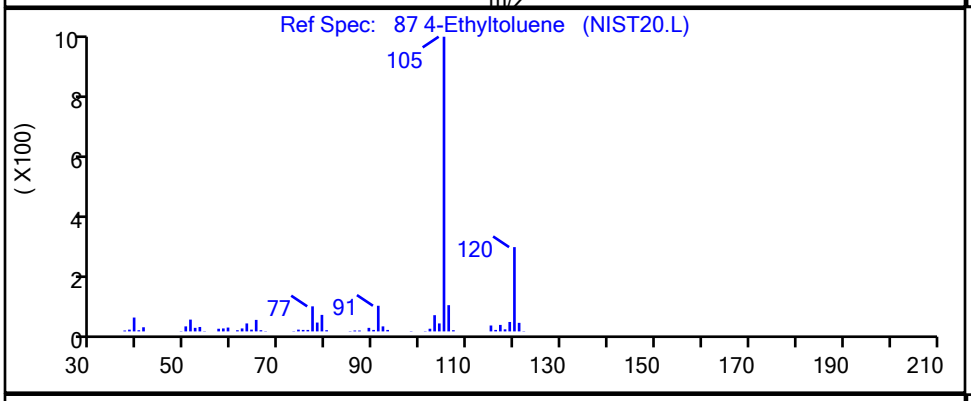
87 4-Ethyltoluene, CAS: 622-96-8

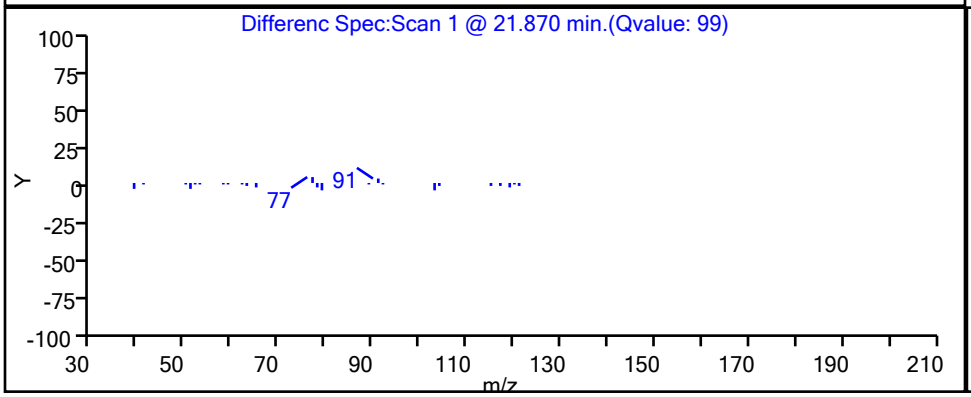


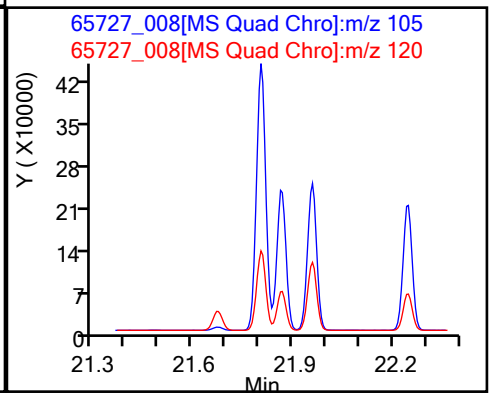










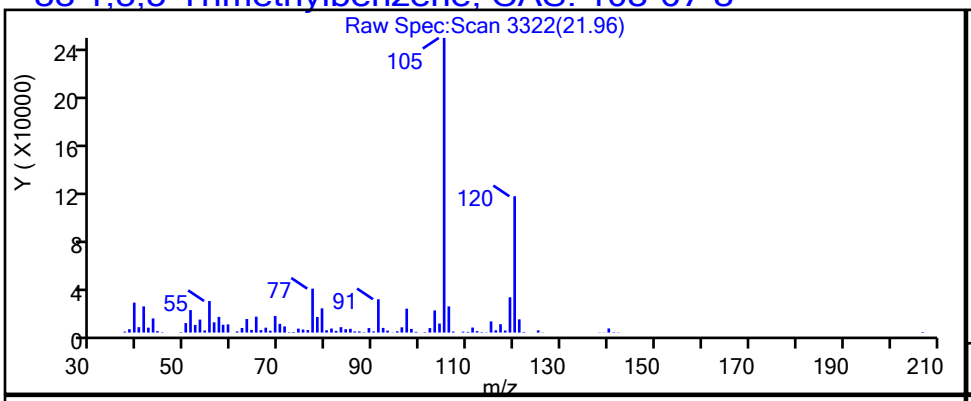


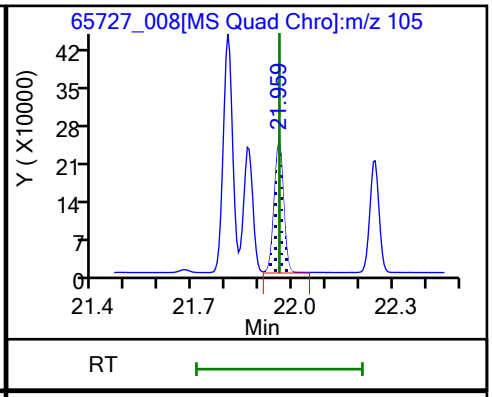
Report Date: 26-Jun-2025 10:10:40 Chrom Revision: 2.3 14-Jun-2025 12:06:34

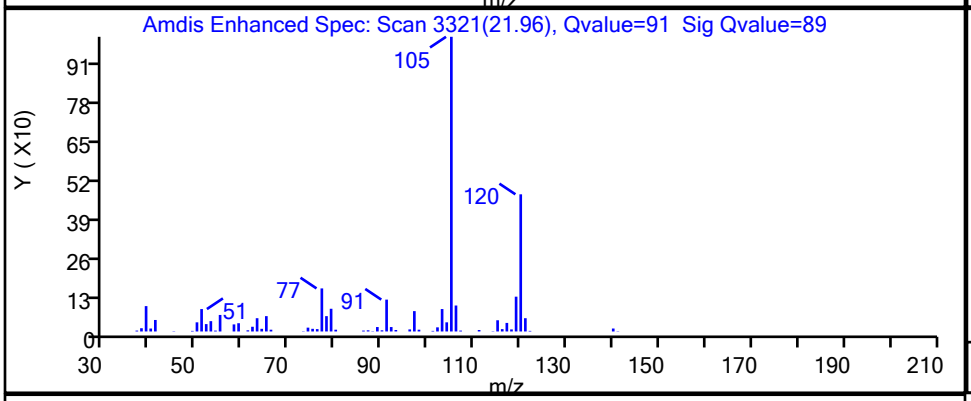
Eurofins Burlington

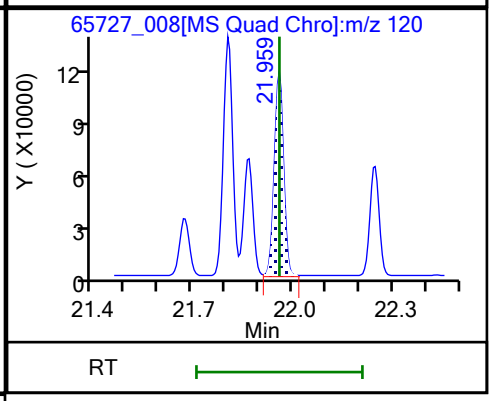
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\65727_008.D				
Injection Date:	25-Jun-2025 13:18:44	Instrument ID:	CHAM.i		
Lims ID:	200-78438-A-2 DL	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

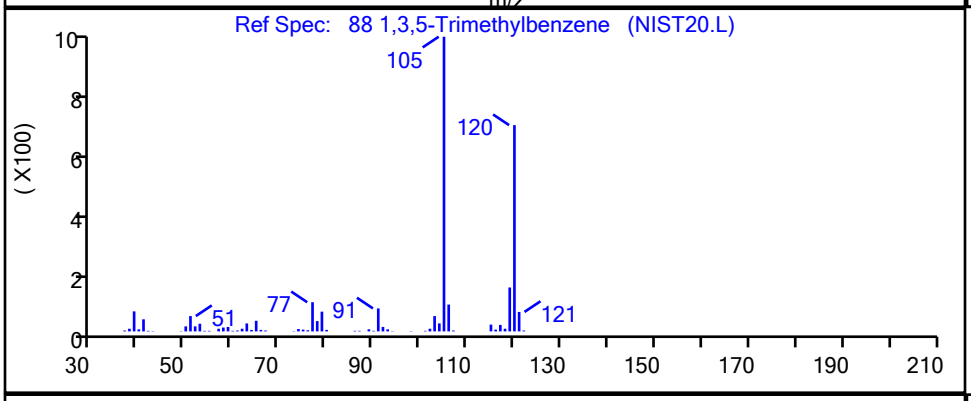
88 1,3,5-Trimethylbenzene, CAS: 108-67-8

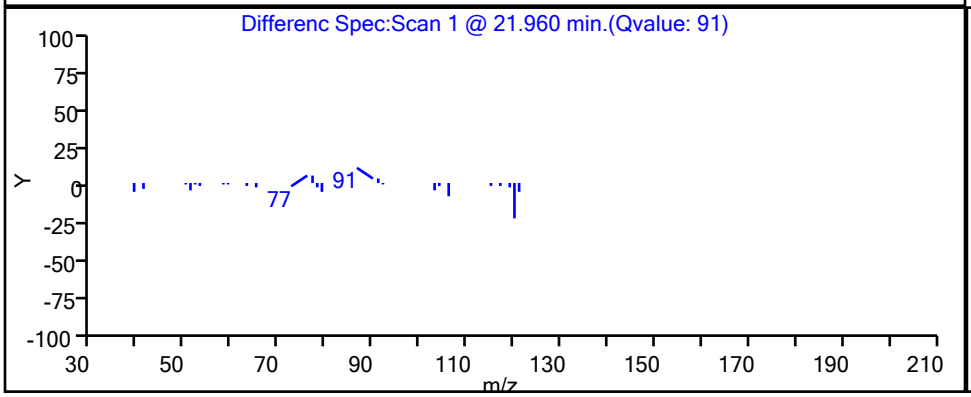


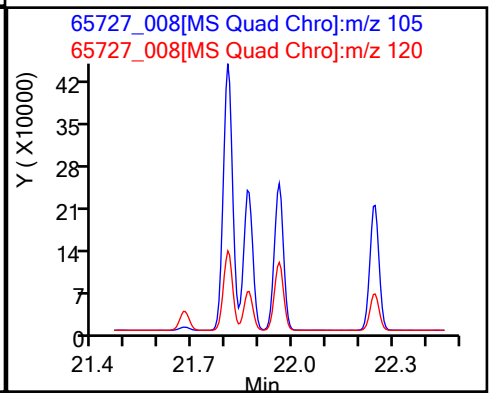












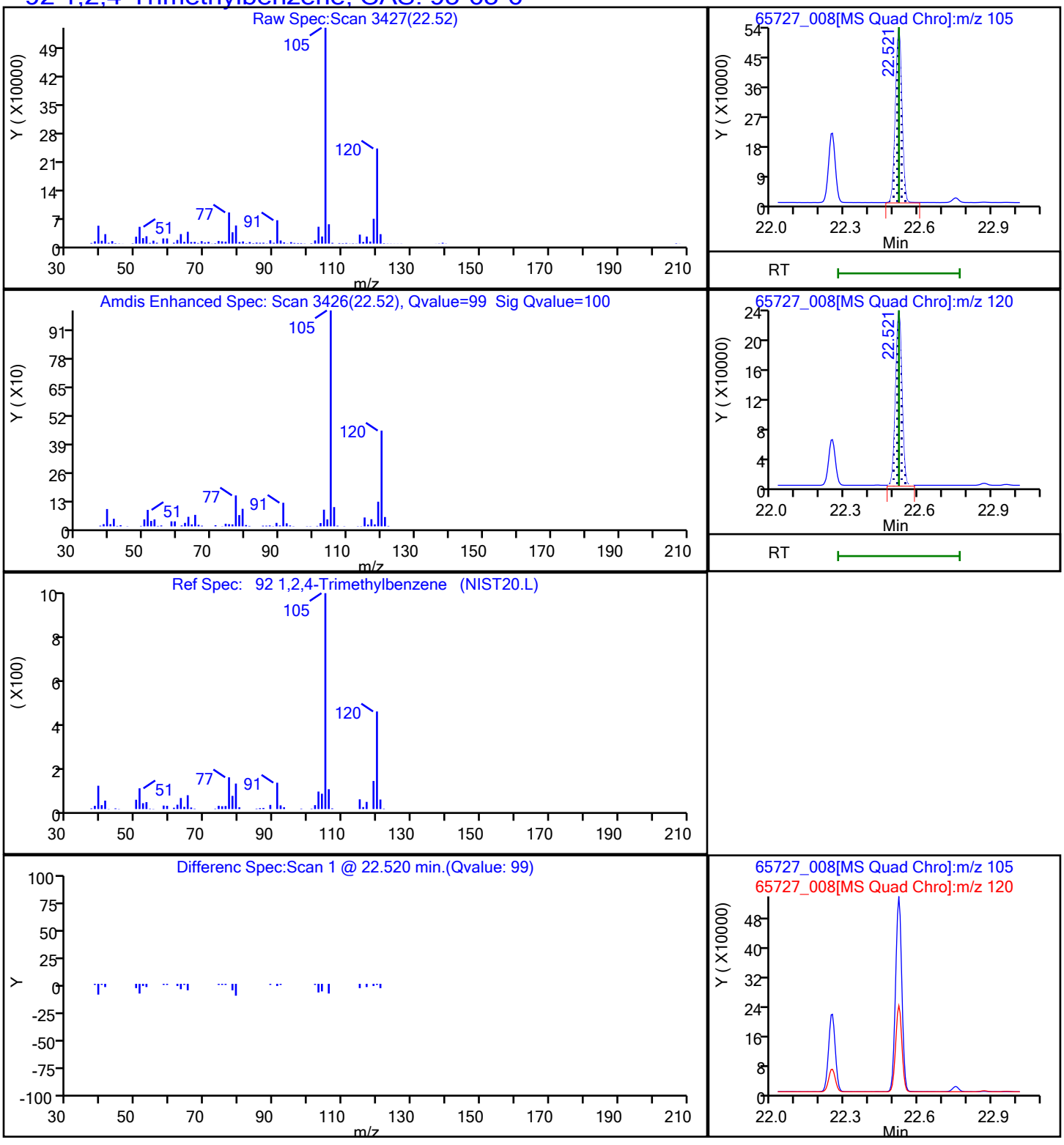
Report Date: 26-Jun-2025 10:10:40 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\65727_008.D

Injection Date:	25-Jun-2025 13:18:44	Instrument ID:	CHAM.i		
Lims ID:	200-78438-A-2 DL	Lab Sample ID:	200-78438-2		
Client ID:	DUP-SV-06202025				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

92 1,2,4-Trimethylbenzene, CAS: 95-63-6



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

Lab Name: Eurofins Burlington | Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-05 | Lab Sample ID: 200-78438-3

Matrix: Air | Lab File ID: 65709-12.d

Analysis Method: TO-15 | Date Collected: 06/20/2025 13:00

Sample wt/vol: 50(mL) | Date Analyzed: 06/24/2025 20:03

Soil Aliquot Vol: | Dilution Factor: 4

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.: 217778 | Units: ug/m3

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	25		9.9	4.4
75-45-6	Chlorodifluoromethane	86.47	10		7.1	5.1
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	5.5	J	5.6	2.1
74-87-3	Chloromethane	50.49	4.1	U	4.1	2.7
106-97-8	n-Butane	58.12	200		4.8	2.9
75-01-4	Vinyl chloride	62.50	0.80	U	0.80	0.30
106-99-0	1,3-Butadiene	54.09	0.41	J	1.8	0.35
74-83-9	Bromomethane	94.94	3.1	U	3.1	0.96
75-00-3	Chloroethane	64.52	2.1	J	5.3	1.7
593-60-2	Bromoethene(Vinyl Bromide)	106.96	3.5	U	3.5	0.84
75-69-4	Trichlorofluoromethane	137.37	23		4.5	1.7
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	6.1	U	6.1	1.7
75-35-4	1,1-Dichloroethene	96.94	0.80	U	0.80	0.56
67-64-1	Acetone	58.08	54		48	18
67-63-0	Isopropyl alcohol	60.10	49	U	49	22
75-15-0	Carbon disulfide	76.14	8.0		6.2	2.2
107-05-1	3-Chloropropene	76.53	6.3	U	6.3	1.0
75-09-2	Methylene Chloride	84.93	6.9	U	6.9	2.6
75-65-0	tert-Butyl alcohol	74.12	61	U	61	19
1634-04-4	Methyl tert-butyl ether	88.15	2.6	J	2.9	0.95
156-60-5	trans-1,2-Dichloroethene	96.94	0.57	J	3.2	0.32
110-54-3	n-Hexane	86.17	13		7.0	2.3
75-34-3	1,1-Dichloroethane	98.96	48		3.2	0.29
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.8	J	5.9	1.7
156-59-2	cis-1,2-Dichloroethene	96.94	3.8		0.80	0.51
67-66-3	Chloroform	119.38	4.2		3.9	1.2
109-99-9	Tetrahydrofuran	72.11	59	U	59	20
71-55-6	1,1,1-Trichloroethane	133.41	7.8		4.4	1.6
110-82-7	Cyclohexane	84.16	24		2.8	0.72
56-23-5	Carbon tetrachloride	153.81	0.88	U	0.88	0.60

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-05 Lab Sample ID: 200-78438-3

Matrix: Air Lab File ID: 65709-12.d

Analysis Method: TO-15 Date Collected: 06/20/2025 13:00

Sample wt/vol: 50(mL) Date Analyzed: 06/24/2025 20:03

Soil Aliquot Vol: Dilution Factor: 4

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.: 217778 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	2,2,4-Trimethylpentane	114.23	40		3.7	1.3
71-43-2	Benzene	78.11	25		2.6	0.65
107-06-2	1,2-Dichloroethane	98.96	3.2	U	3.2	1.2
142-82-5	n-Heptane	100.21	22		3.3	1.4
79-01-6	Trichloroethene	131.39	8.0		0.80	0.62
80-62-6	Methyl methacrylate	100.12	8.2	U	8.2	2.1
78-87-5	1,2-Dichloropropane	112.99	3.7	U	3.7	1.0
123-91-1	1,4-Dioxane	88.11	72	U	72	2.7
75-27-4	Bromodichloromethane	163.83	5.4	U	5.4	1.6
10061-01-5	cis-1,3-Dichloropropene	110.97	3.6	U	3.6	1.0
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	8.2	U	8.2	3.1
108-88-3	Toluene	92.14	140		3.0	0.81
10061-02-6	trans-1,3-Dichloropropene	110.97	3.6	U	3.6	1.1
79-00-5	1,1,2-Trichloroethane	133.41	4.4	U	4.4	1.2
127-18-4	Tetrachloroethene	165.83	37		5.4	0.98
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	8.2	U	8.2	3.3
124-48-1	Dibromochloromethane	208.28	6.8	U	6.8	1.8
106-93-4	1,2-Dibromoethane	187.87	6.1	U	6.1	1.4
108-90-7	Chlorobenzene	112.56	3.7	U	3.7	0.87
100-41-4	Ethylbenzene	106.17	130		3.5	0.89
179601-23-1	m,p-Xylene	106.17	610		8.7	0.24
95-47-6	o-Xylene	106.17	320		3.5	1.2
100-42-5	Styrene	104.15	3.4	U	3.4	0.95
75-25-2	Bromoform	252.75	8.3	U	8.3	2.4
98-82-8	Cumene	120.19	96		3.9	1.4
79-34-5	1,1,2,2-Tetrachloroethane	167.85	5.5	U	5.5	1.7
103-65-1	n-Propylbenzene	120.19	310		3.9	1.2
622-96-8	4-Ethyltoluene	120.20	540		3.9	1.3
108-67-8	1,3,5-Trimethylbenzene	120.20	580		3.9	1.3
95-49-8	2-Chlorotoluene	126.59	4.1	U	4.1	1.2

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-05 Lab Sample ID: 200-78438-3

Matrix: Air Lab File ID: 65709-12.d

Analysis Method: TO-15 Date Collected: 06/20/2025 13:00

Sample wt/vol: 50(mL) Date Analyzed: 06/24/2025 20:03

Soil Aliquot Vol: Dilution Factor: 4

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.: 217778 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
98-06-6	tert-Butylbenzene	134.22	4.4	U	4.4	1.5
135-98-8	sec-Butylbenzene	134.22	26		4.4	1.6
99-87-6	4-Isopropyltoluene	134.22	18		4.4	1.7
541-73-1	1,3-Dichlorobenzene	147.00	4.8	U	4.8	1.5
106-46-7	1,4-Dichlorobenzene	147.00	4.8	U	4.8	1.7
100-44-7	Benzyl chloride	126.58	4.1	U	4.1	1.5
104-51-8	n-Butylbenzene	134.22	24		4.4	1.5
95-50-1	1,2-Dichlorobenzene	147.00	4.8	U	4.8	1.6
120-82-1	1,2,4-Trichlorobenzene	181.45	15	U	15	8.9
87-68-3	Hexachlorobutadiene	260.76	8.5	U	8.5	3.3
91-20-3	Naphthalene	128.17	4.5	J	8.0	2.3

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-05 Lab Sample ID: 200-78438-3

Matrix: Air Lab File ID: 65709-12.d

Analysis Method: TO-15 Date Collected: 06/20/2025 13:00

Sample wt/vol: 50(mL) Date Analyzed: 06/24/2025 20:03

Soil Aliquot Vol: Dilution Factor: 4

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.: 217778 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	5.1		2.0	0.88
75-45-6	Chlorodifluoromethane	86.47	2.8		2.0	1.4
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.79	J	0.80	0.30
74-87-3	Chloromethane	50.49	2.0	U	2.0	1.3
106-97-8	n-Butane	58.12	84		2.0	1.2
75-01-4	Vinyl chloride	62.50	0.31	U	0.31	0.12
106-99-0	1,3-Butadiene	54.09	0.18	J	0.80	0.16
74-83-9	Bromomethane	94.94	0.80	U	0.80	0.25
75-00-3	Chloroethane	64.52	0.80	J	2.0	0.64
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.80	U	0.80	0.19
75-69-4	Trichlorofluoromethane	137.37	4.1		0.80	0.31
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.80	U	0.80	0.23
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.14
67-64-1	Acetone	58.08	23		20	7.6
67-63-0	Isopropyl alcohol	60.10	20	U	20	8.8
75-15-0	Carbon disulfide	76.14	2.6		2.0	0.72
107-05-1	3-Chloropropene	76.53	2.0	U	2.0	0.32
75-09-2	Methylene Chloride	84.93	2.0	U	2.0	0.76
75-65-0	tert-Butyl alcohol	74.12	20	U	20	6.4
1634-04-4	Methyl tert-butyl ether	88.15	0.72	J	0.80	0.26
156-60-5	trans-1,2-Dichloroethene	96.94	0.14	J	0.80	0.080
110-54-3	n-Hexane	86.17	3.8		2.0	0.64
75-34-3	1,1-Dichloroethane	98.96	12		0.80	0.072
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.60	J	2.0	0.56
156-59-2	cis-1,2-Dichloroethene	96.94	0.95		0.20	0.13
67-66-3	Chloroform	119.38	0.85		0.80	0.24
109-99-9	Tetrahydrofuran	72.11	20	U	20	6.8
71-55-6	1,1,1-Trichloroethane	133.41	1.4		0.80	0.29
110-82-7	Cyclohexane	84.16	7.0		0.80	0.21
56-23-5	Carbon tetrachloride	153.81	0.14	U	0.14	0.096

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-05 Lab Sample ID: 200-78438-3

Matrix: Air Lab File ID: 65709-12.d

Analysis Method: TO-15 Date Collected: 06/20/2025 13:00

Sample wt/vol: 50(mL) Date Analyzed: 06/24/2025 20:03

Soil Aliquot Vol: Dilution Factor: 4

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.: 217778 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	2,2,4-Trimethylpentane	114.23	8.6		0.80	0.28
71-43-2	Benzene	78.11	7.8		0.80	0.20
107-06-2	1,2-Dichloroethane	98.96	0.80	U	0.80	0.30
142-82-5	n-Heptane	100.21	5.4		0.80	0.34
79-01-6	Trichloroethene	131.39	1.5		0.15	0.12
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.52
78-87-5	1,2-Dichloropropane	112.99	0.80	U	0.80	0.22
123-91-1	1,4-Dioxane	88.11	20	U	20	0.76
75-27-4	Bromodichloromethane	163.83	0.80	U	0.80	0.23
10061-01-5	cis-1,3-Dichloropropene	110.97	0.80	U	0.80	0.22
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.76
108-88-3	Toluene	92.14	38		0.80	0.22
10061-02-6	trans-1,3-Dichloropropene	110.97	0.80	U	0.80	0.25
79-00-5	1,1,2-Trichloroethane	133.41	0.80	U	0.80	0.21
127-18-4	Tetrachloroethene	165.83	5.4		0.80	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.80
124-48-1	Dibromochloromethane	208.28	0.80	U	0.80	0.21
106-93-4	1,2-Dibromoethane	187.87	0.80	U	0.80	0.18
108-90-7	Chlorobenzene	112.56	0.80	U	0.80	0.19
100-41-4	Ethylbenzene	106.17	30		0.80	0.20
179601-23-1	m,p-Xylene	106.17	140		2.0	0.056
95-47-6	o-Xylene	106.17	74		0.80	0.28
100-42-5	Styrene	104.15	0.80	U	0.80	0.22
75-25-2	Bromoform	252.75	0.80	U	0.80	0.23
98-82-8	Cumene	120.19	19		0.80	0.29
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.80	U	0.80	0.24
103-65-1	n-Propylbenzene	120.19	62		0.80	0.25
622-96-8	4-Ethyltoluene	120.20	110		0.80	0.27
108-67-8	1,3,5-Trimethylbenzene	120.20	120		0.80	0.27
95-49-8	2-Chlorotoluene	126.59	0.80	U	0.80	0.23

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-05 Lab Sample ID: 200-78438-3

Matrix: Air Lab File ID: 65709-12.d

Analysis Method: TO-15 Date Collected: 06/20/2025 13:00

Sample wt/vol: 50(mL) Date Analyzed: 06/24/2025 20:03

Soil Aliquot Vol: Dilution Factor: 4

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.: 217778 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
98-06-6	tert-Butylbenzene	134.22	0.80	U	0.80	0.28
135-98-8	sec-Butylbenzene	134.22	4.8		0.80	0.29
99-87-6	4-Isopropyltoluene	134.22	3.2		0.80	0.31
541-73-1	1,3-Dichlorobenzene	147.00	0.80	U	0.80	0.25
106-46-7	1,4-Dichlorobenzene	147.00	0.80	U	0.80	0.28
100-44-7	Benzyl chloride	126.58	0.80	U	0.80	0.30
104-51-8	n-Butylbenzene	134.22	4.4		0.80	0.28
95-50-1	1,2-Dichlorobenzene	147.00	0.80	U	0.80	0.26
120-82-1	1,2,4-Trichlorobenzene	181.45	2.0	U	2.0	1.2
87-68-3	Hexachlorobutadiene	260.76	0.80	U	0.80	0.31
91-20-3	Naphthalene	128.17	0.86	J	1.5	0.44

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d
Lims ID: 200-78438-A-3
Client ID: RXSV-05
Sample Type: Client
Inject. Date: 24-Jun-2025 20:03:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 4.0000
Sample Info: 200-0065709-012
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 25-Jun-2025 11:25:56 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1719

First Level Reviewer: F7XK Date: 25-Jun-2025 11:25:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.206	4.201	0.005	99	89502	1.27	
3 Chlorodifluoromethane	51	4.243	4.243	0.005	97	28875	0.7056	M
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.537	4.538	-0.001	49	15726	0.1977	
5 Chloromethane	50	4.655	4.655	0.005	0	907	0.0366	M
6 Vinyl chloride	62		4.949				ND	MU
7 Butane	43	4.965	4.949	0.016	99	629608	21.0	
8 Butadiene	54	5.067	5.062	0.005	23	790	0.0461	
9 Bromomethane	94		5.805				ND	
10 Chloroethane	64	6.110	6.110	0.010	34	3328	0.1993	M
13 Vinyl bromide	106		6.570				ND	
14 Trichlorofluoromethane	101	6.763	6.763	0.011	98	73832	1.02	
20 1,1-Dichloroethene	96	7.993	7.999	0.005	70	827	0.0256	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.031	8.031	0.000	1	703	0.0103	7M
22 Acetone	43	8.084	8.058	0.021	96	216040	5.72	
23 Isopropyl alcohol	45		8.405				ND	
24 Carbon disulfide	76	8.480	8.475	0.005	98	58685	0.6400	
26 3-Chloro-1-propene	41		8.812				ND	MU
27 Methylene Chloride	49	9.095	9.101	0.005	35	3604	0.1073	
28 2-Methyl-2-propanol	59	9.347	9.320	0.027	99	66673	1.24	
31 Methyl tert-butyl ether	73	9.721	9.695	0.026	88	14211	0.1799	
30 trans-1,2-Dichloroethene	61	9.705	9.699	0.010	84	1554	0.0362	
32 Hexane	57	10.304	10.299	0.005	91	42663	0.9434	
33 1,1-Dichloroethane	63	10.599	10.593	0.006	99	171538	2.97	
36 2-Butanone (MEK)	72	11.749	11.685	0.064	80	2295	0.1490	
37 cis-1,2-Dichloroethene	96	11.733	11.733	0.005	91	8420	0.2371	
* 39 Chlorobromomethane	128	12.193	12.188	0.005	90	255258	10.0	
40 Tetrahydrofuran	42	12.284	12.236	0.048	44	3781	0.1202	
41 Chloroform	83	12.380	12.380	0.000	90	13868	0.2137	M
42 1,1,1-Trichloroethane	97	12.728	12.728	0.000	99	23245	0.3576	
43 Cyclohexane	84	12.894	12.894	0.000	97	76012	1.76	
44 Carbon tetrachloride	117		13.044				ND	
45 Benzene	78	13.413	13.413	0.000	95	202517	1.95	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
46 1,2-Dichloroethane	62		13.488				ND	
47 Isooctane	57	13.648	13.643	0.005	99	321730	2.15	
48 n-Heptane	43	13.969	13.969	0.000	90	67154	1.35	
* 49 1,4-Difluorobenzene	114	14.199	14.194	0.005	94	1299322	10.0	
51 Trichloroethene	95	14.670	14.670	0.005	96	18143	0.3730	M
53 1,2-Dichloropropane	63		15.146				ND	MU
54 Methyl methacrylate	69		15.216				ND	MU
55 1,4-Dioxane	88	15.312	15.274	0.038	24	2637	0.1300	
58 Dichlorobromomethane	83		15.633				ND	MU
59 cis-1,3-Dichloropropene	75		16.473				ND	
61 4-Methyl-2-pentanone (MIBK)	43		16.719				ND	MU
62 Toluene	92	17.147	17.147	0.000	93	688902	9.40	
66 trans-1,3-Dichloropropene	75		17.553				ND	7
67 1,1,2-Trichloroethane	83		17.949				ND	MU
68 Tetrachloroethene	166	18.179	18.179	0.000	98	94567	1.36	
69 2-Hexanone	43		18.340				ND	MU
70 Chlorodibromomethane	129		18.720				ND	
71 Ethylene Dibromide	107		18.976				ND	
* 73 Chlorobenzene-d5	117	19.907	19.907	0.000	85	1214579	10.0	
74 Chlorobenzene	112		19.966				ND	7
75 Ethylbenzene	91	20.153	20.148	0.005	98	1247503	7.58	
76 m-Xylene & p-Xylene	106	20.394	20.405	-0.011	0	2283504	35.1	
78 o-Xylene	106	21.111	21.111	0.000	99	1101085	18.4	
79 Styrene	104		21.143				ND	MU
81 Bromoform	173		21.464				ND	
82 Isopropylbenzene	105	21.731	21.731	-0.001	98	872227	4.86	
83 1,1,2,2-Tetrachloroethane	83		22.192				ND	MU
85 N-Propylbenzene	91	22.389	22.389	-0.001	99	3521739	15.6	
86 2-Chlorotoluene	91		22.539				ND	MU
87 4-Ethyltoluene	105	22.571	22.571	0.000	99	5084442	27.4	
88 1,3,5-Trimethylbenzene	105	22.651	22.652	-0.001	94	4662876	29.7	
91 tert-Butylbenzene	119		23.117				ND	MU
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	97	9169158	59.0	E
93 sec-Butylbenzene	105	23.438	23.438	0.000	95	280663	1.20	M
94 1,3-Dichlorobenzene	146		23.631				ND	MU
95 4-Isopropyltoluene	119	23.652	23.652	0.000	98	160588	0.8061	
96 1,4-Dichlorobenzene	146		23.775				ND	MU
97 Benzyl chloride	91	23.930	23.930	0.005	56	6340	0.0466	M
98 n-Butylbenzene	91	24.251	24.251	0.000	97	196163	1.09	
99 1,2-Dichlorobenzene	146		24.310				ND	7
102 1,2,4-Trichlorobenzene	180	27.038	27.028	0.010	87	4476	0.0523	
103 Hexachlorobutadiene	225		27.295				ND	7
104 Naphthalene	128	27.584	27.579	0.005	99	35092	0.2146	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

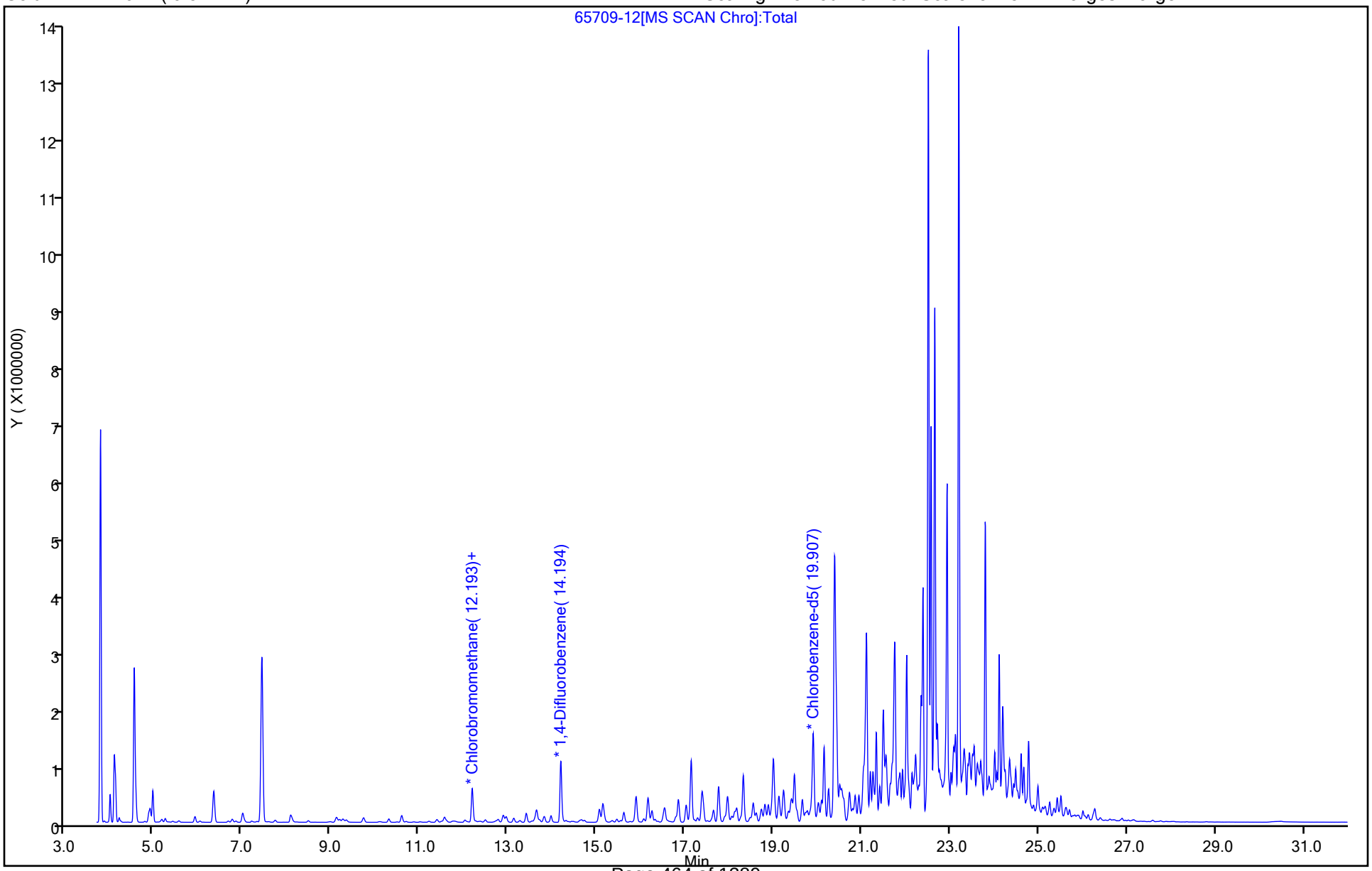
Report Date: 25-Jun-2025 11:25:56 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d

Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3	Worklist Smp#:	12
Client ID:	RXSV-05				
Purge Vol:	200.000 mL	Dil. Factor:	4.0000	ALS Bottle#:	11
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



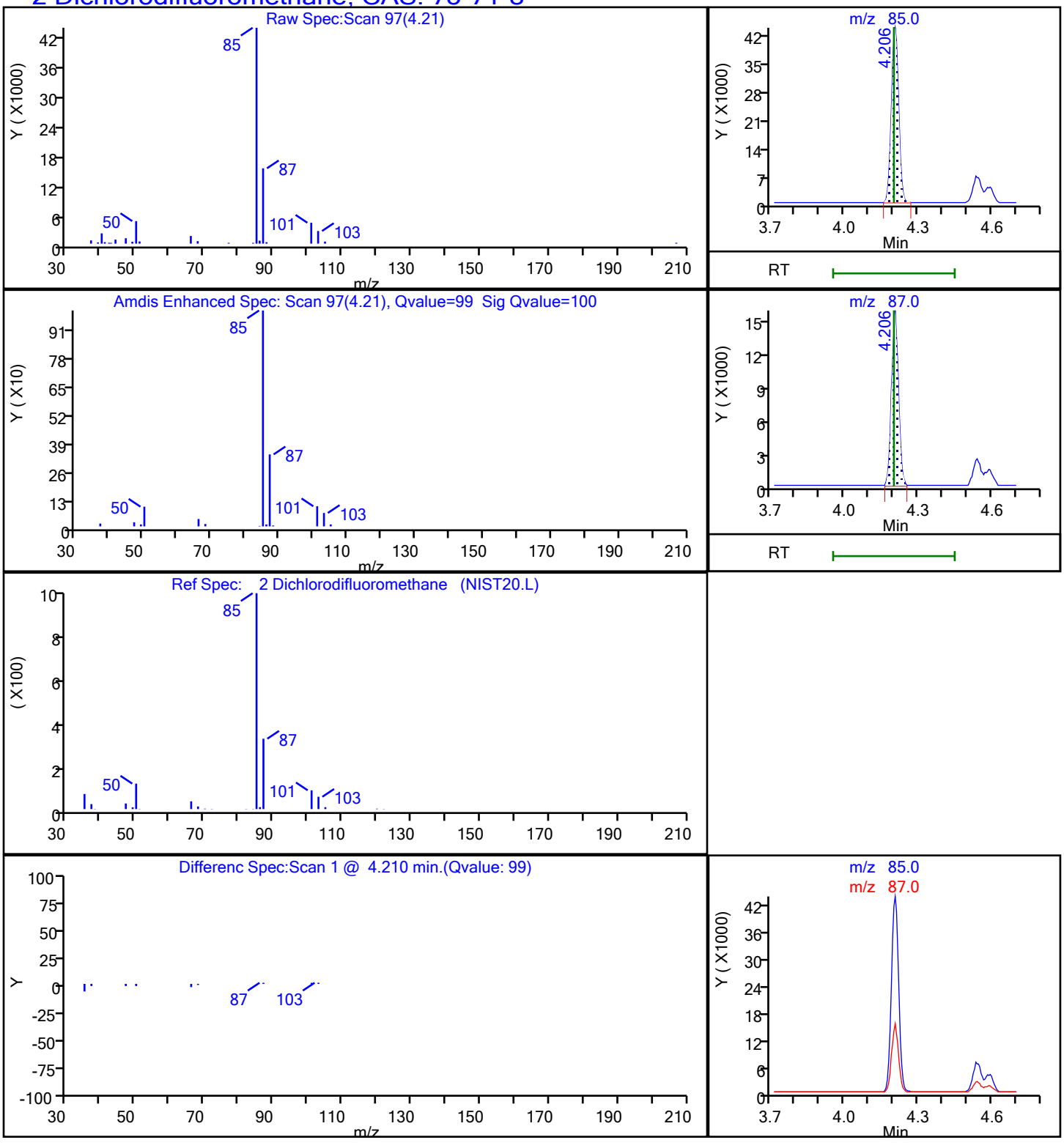
Report Date: 25-Jun-2025 11:25:56 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d

Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

2 Dichlorodifluoromethane, CAS: 75-71-8



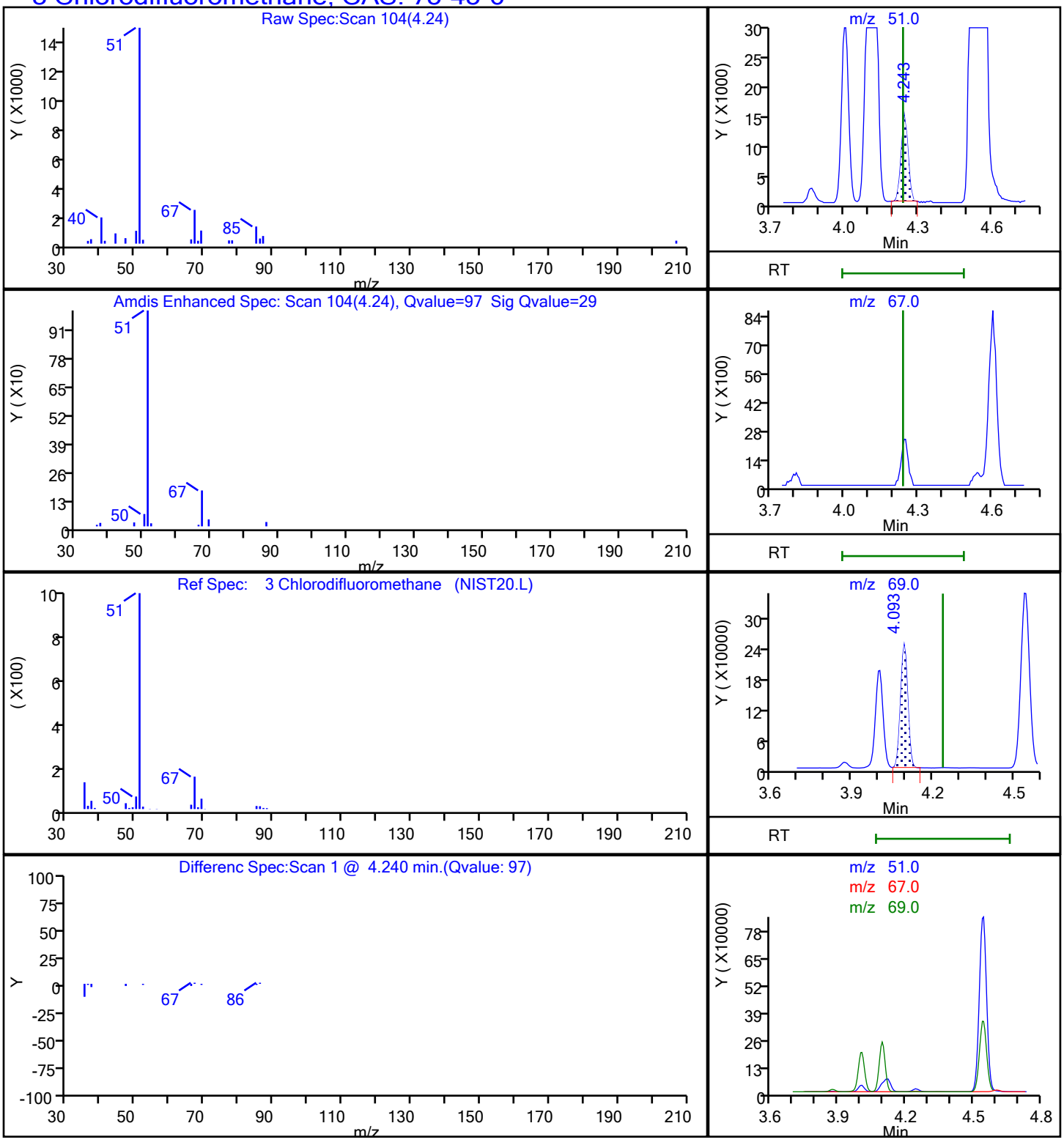
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d

Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6



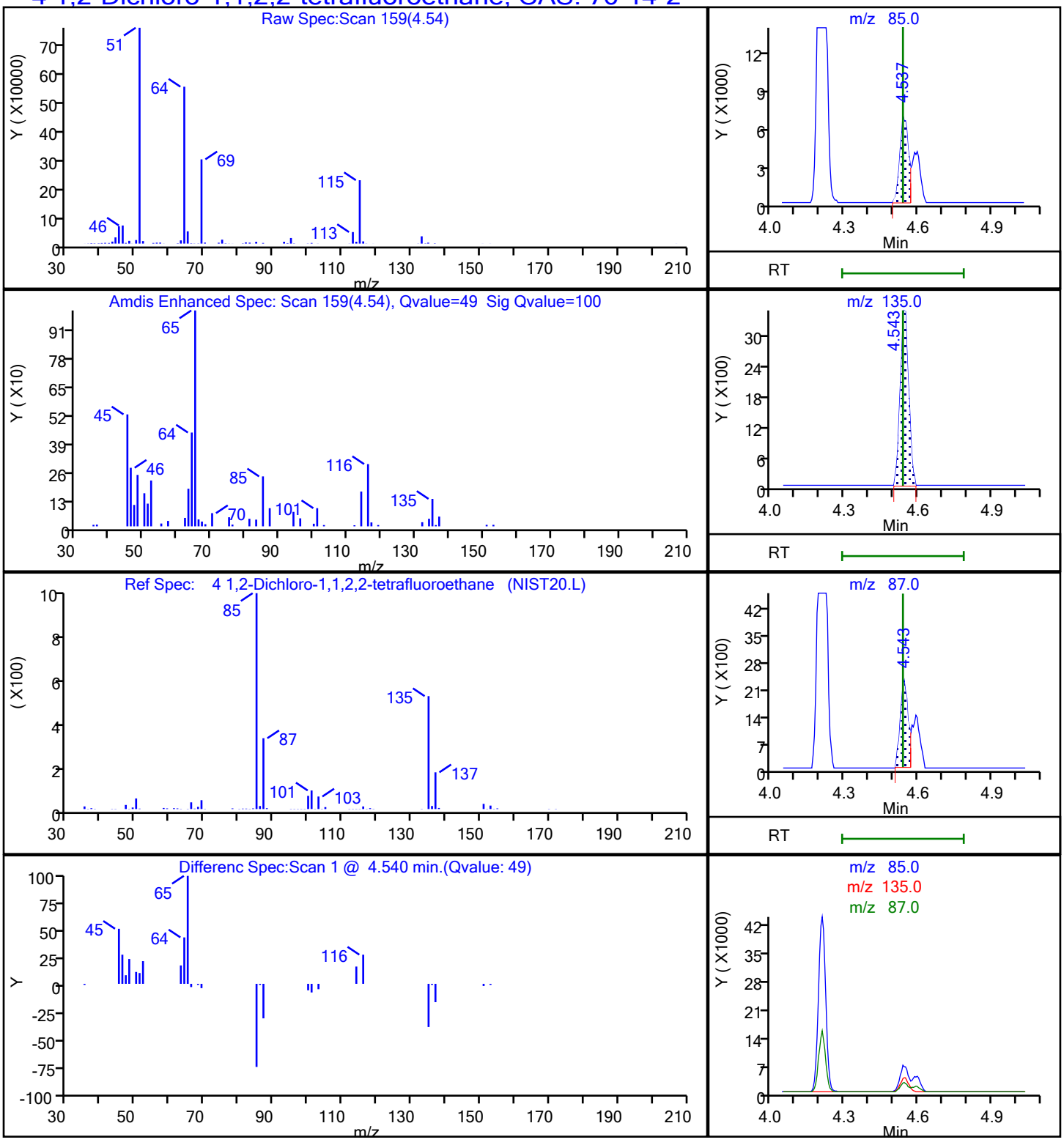
Report Date: 25-Jun-2025 11:25:56 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d

Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



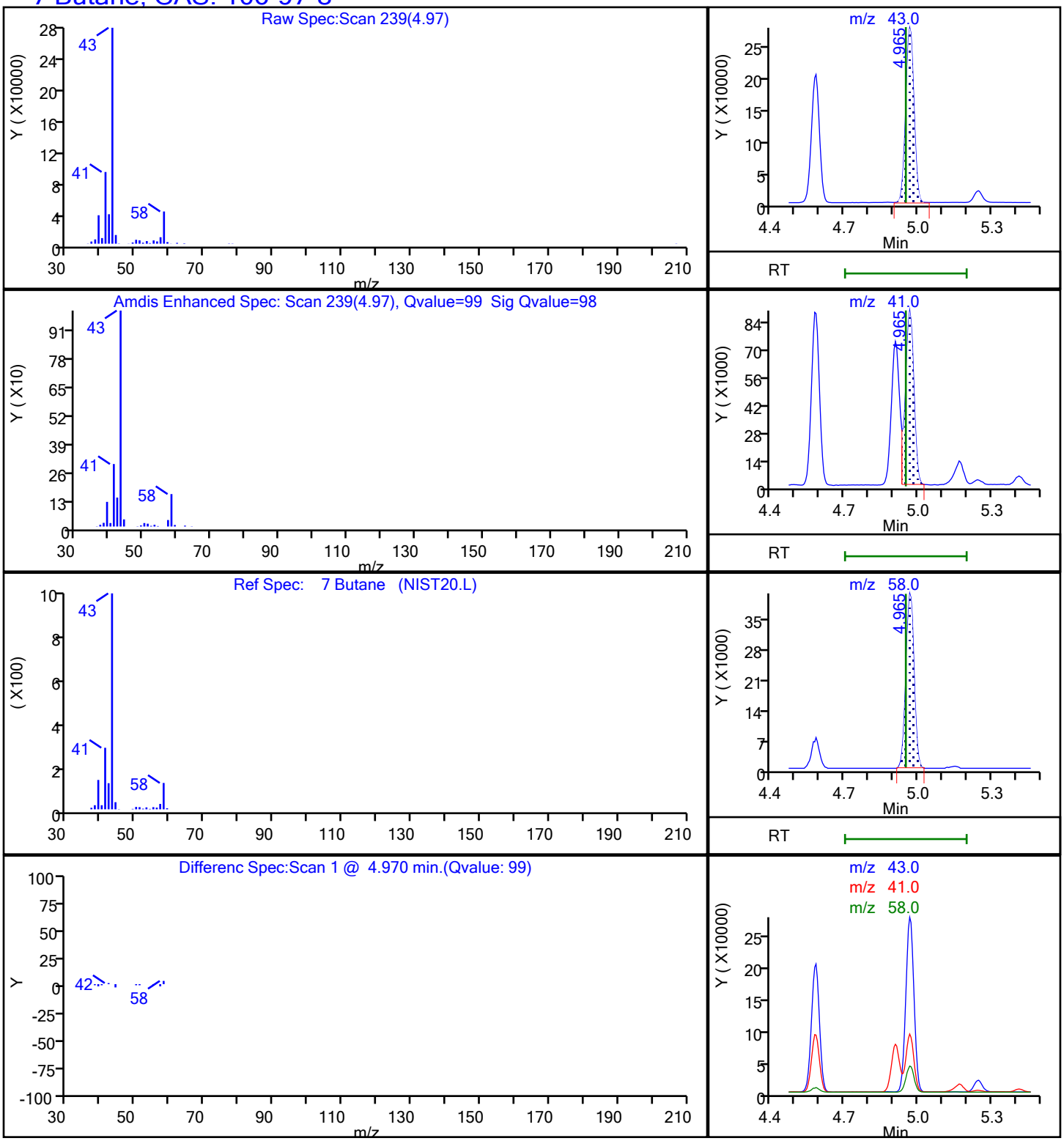
Report Date: 25-Jun-2025 11:25:57 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d

Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

7 Butane, CAS: 106-97-8



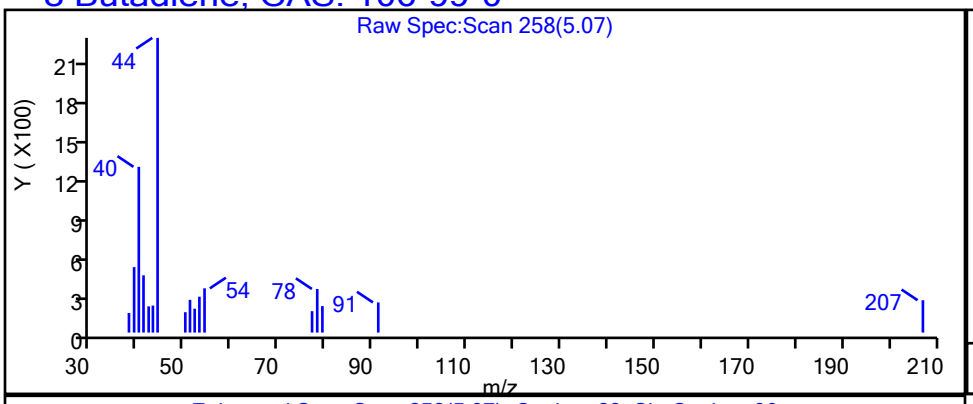
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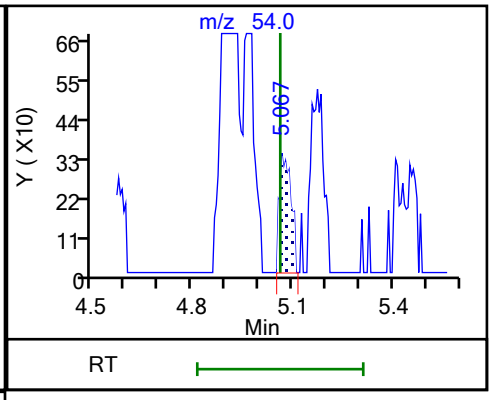
Eurofins Burlington

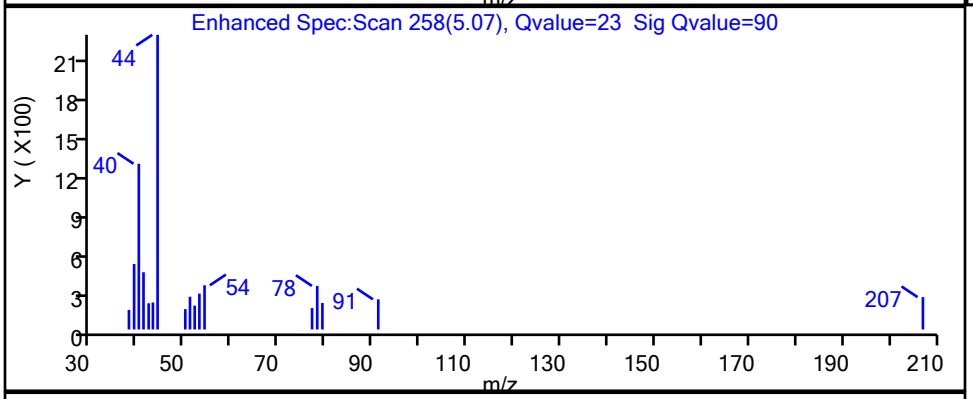
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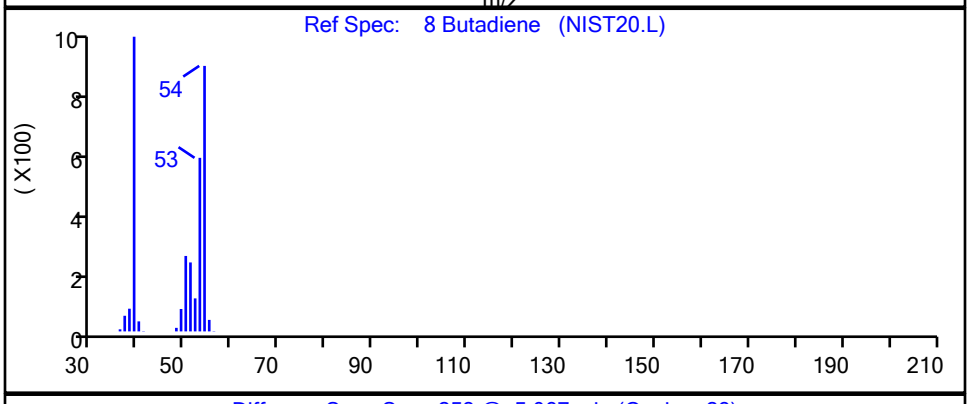
Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

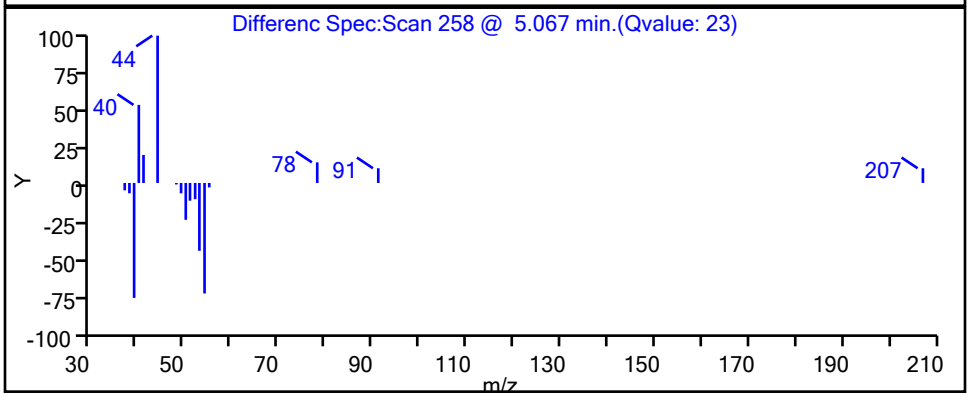
8 Butadiene, CAS: 106-99-0











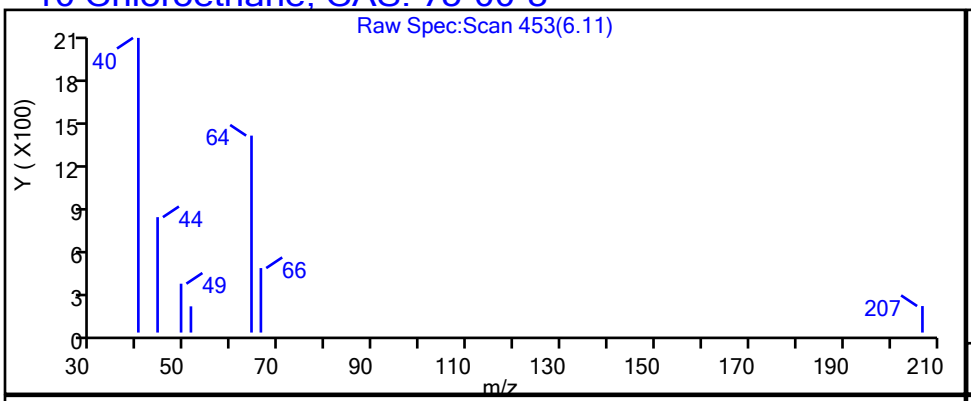
Report Date: 25-Jun-2025 11:25:57 Chrom Revision: 2.3 14-Jun-2025 12:06:34

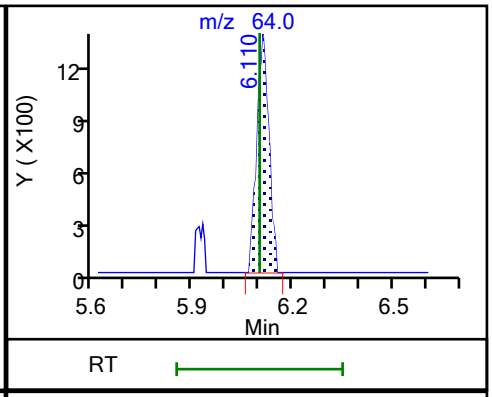
Eurofins Burlington

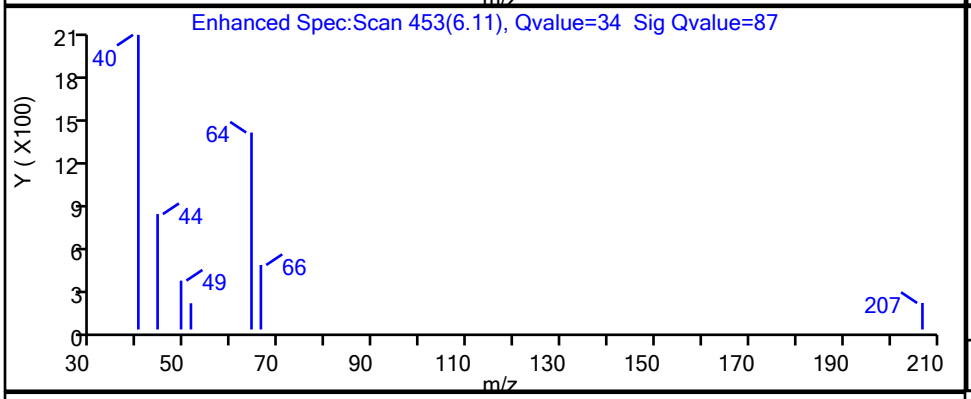
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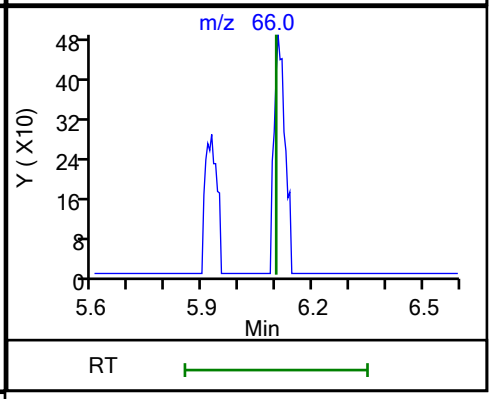
Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

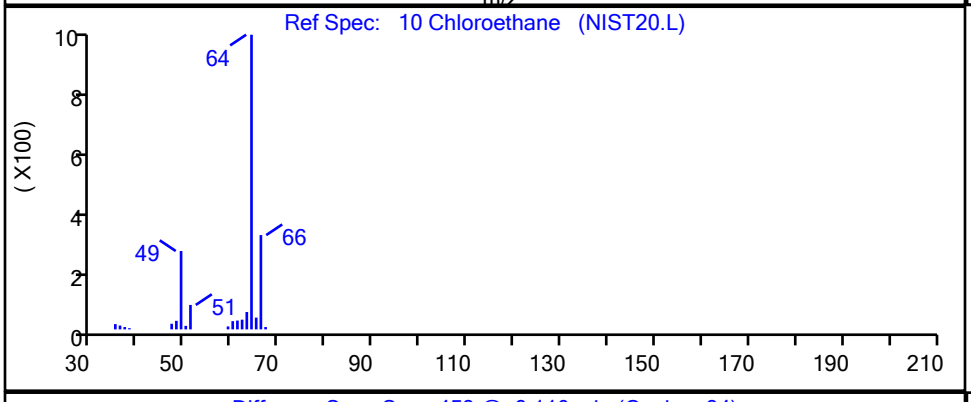
10 Chloroethane, CAS: 75-00-3

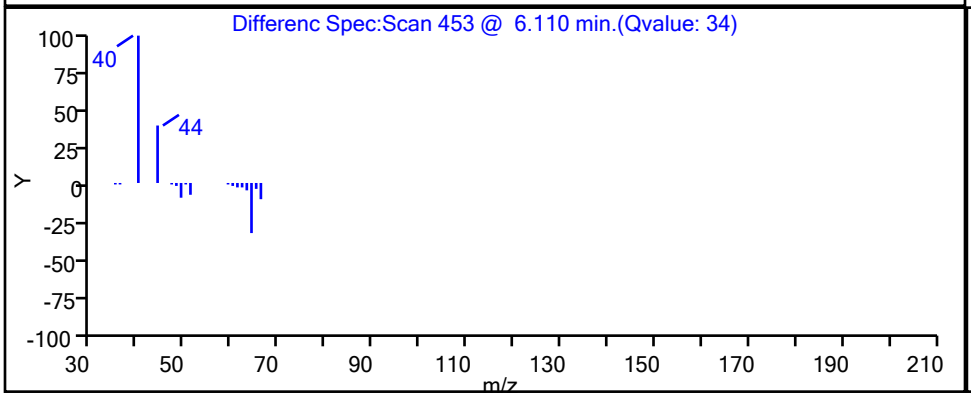


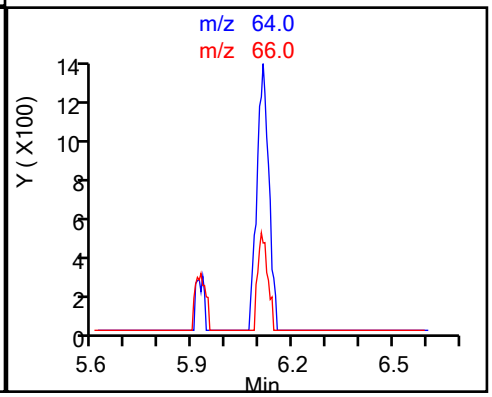












Report Date: 25-Jun-2025 11:25:57 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d

Injection Date: 24-Jun-2025 20:03:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-3 Lab Sample ID: 200-78438-3

Client ID: RXSV-05

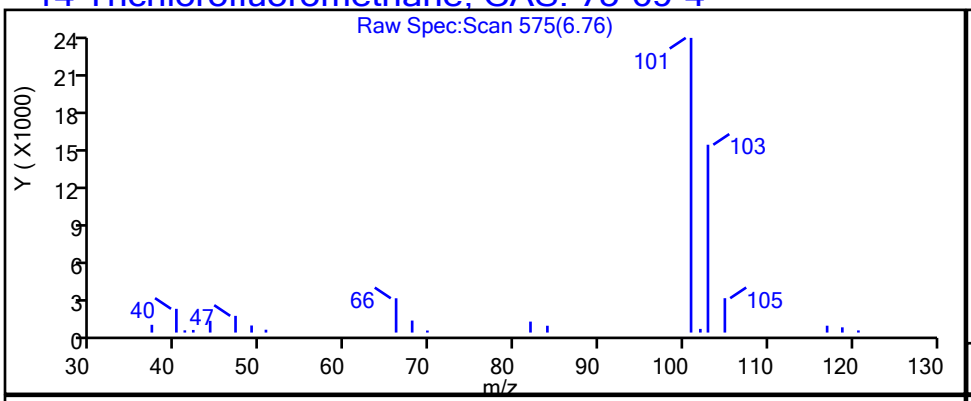
Operator ID: vtp ALS Bottle#: 11 Worklist Smp#: 12

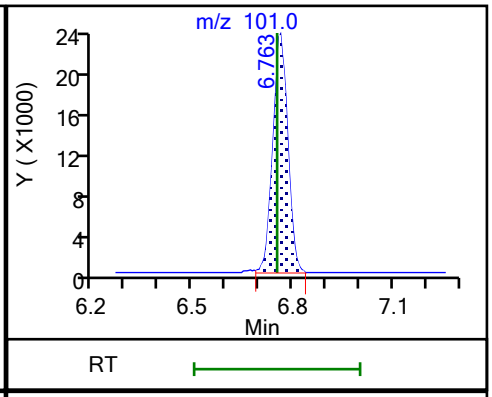
Purge Vol: 200.000 mL Dil. Factor: 4.0000

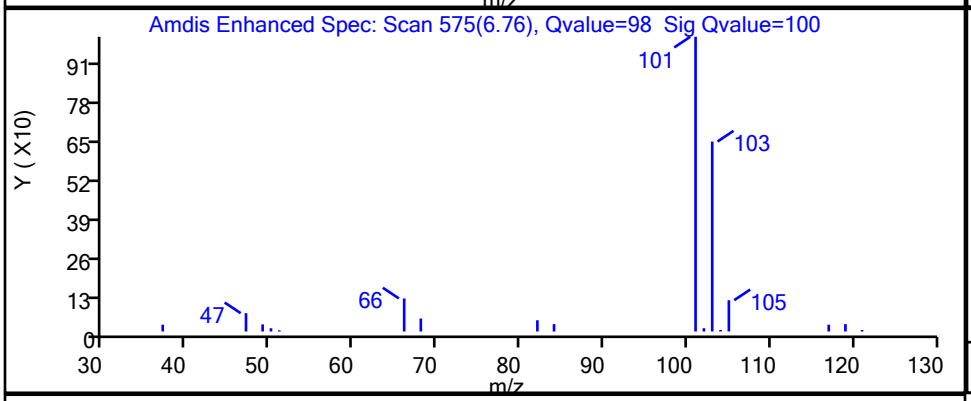
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

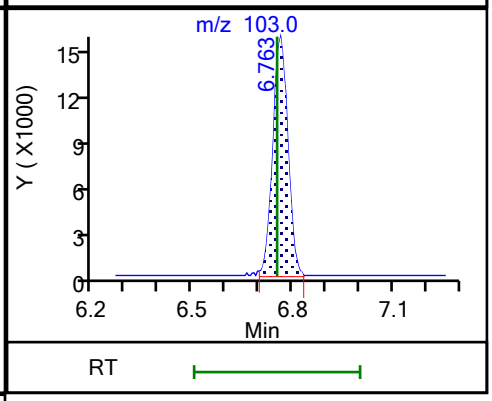
Column: RTX-624 (0.32 mm) Detector MS SCAN

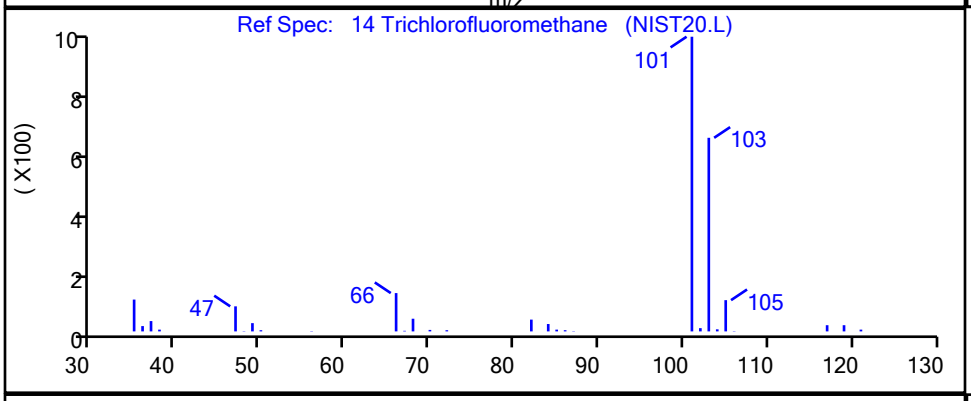
14 Trichlorofluoromethane, CAS: 75-69-4

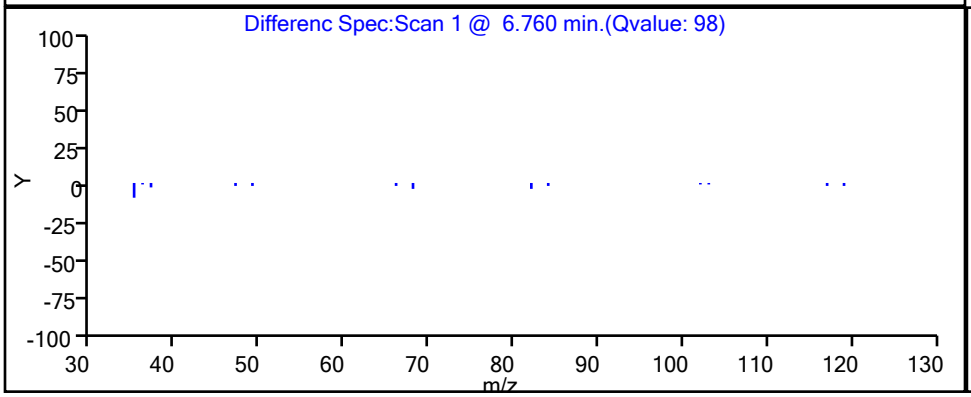


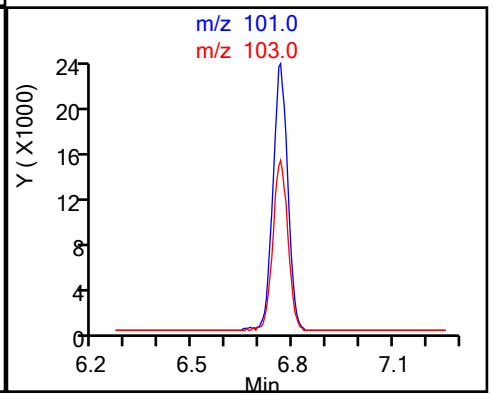












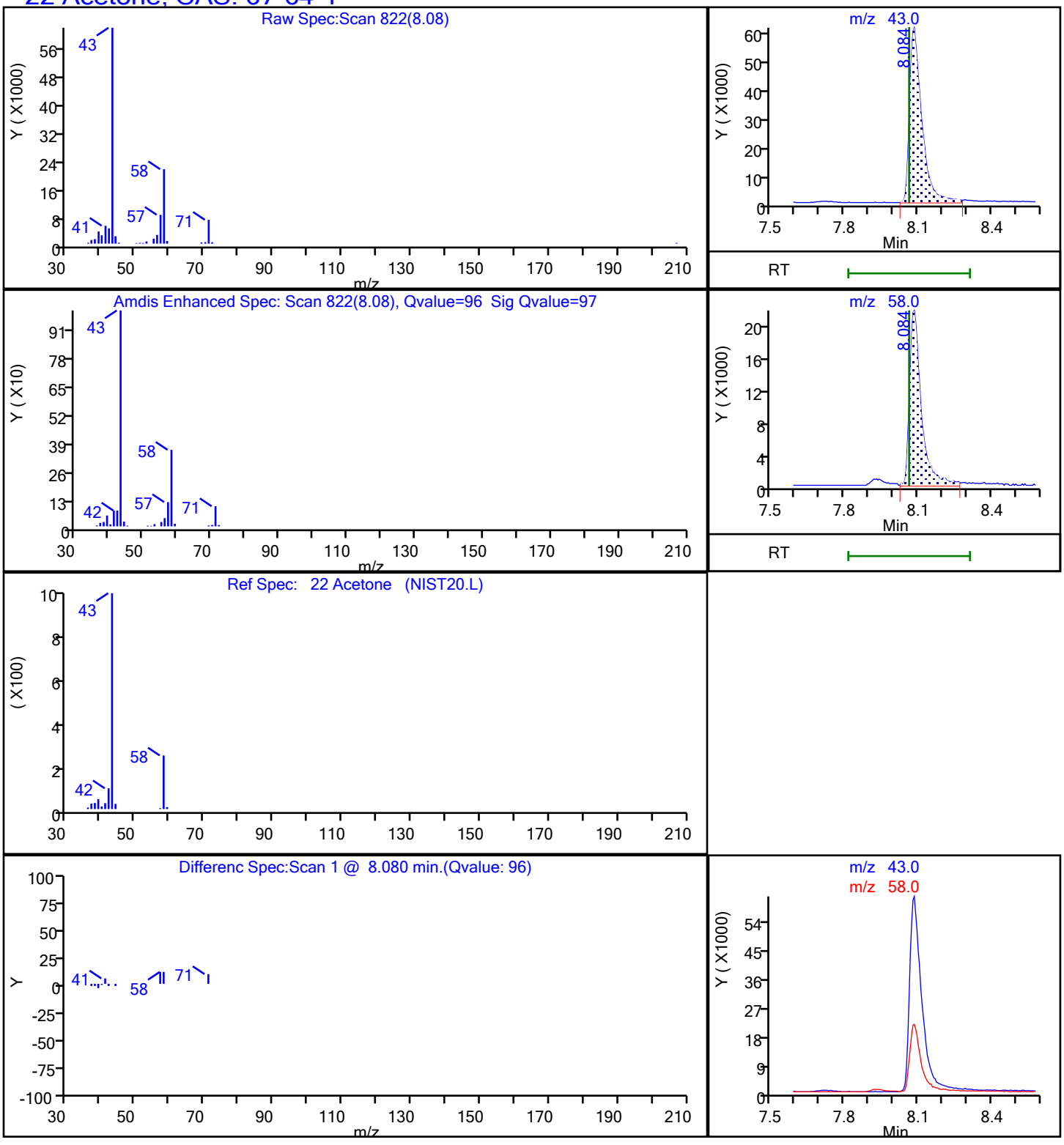
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d

Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

22 Acetone, CAS: 67-64-1



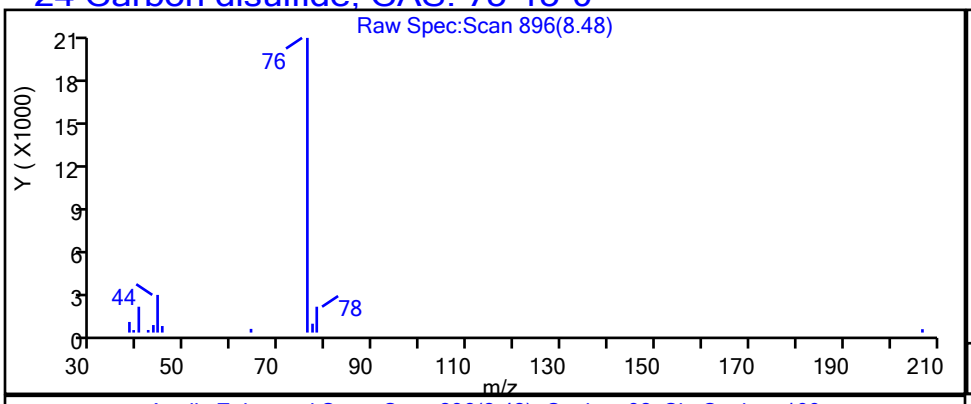
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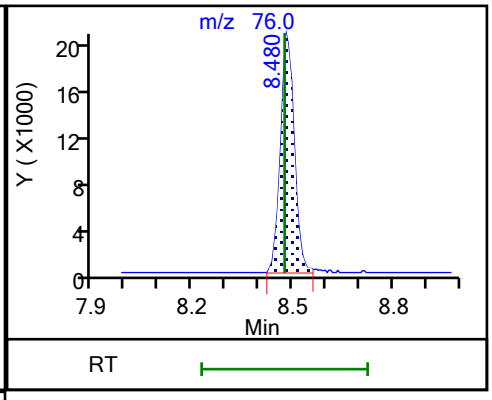
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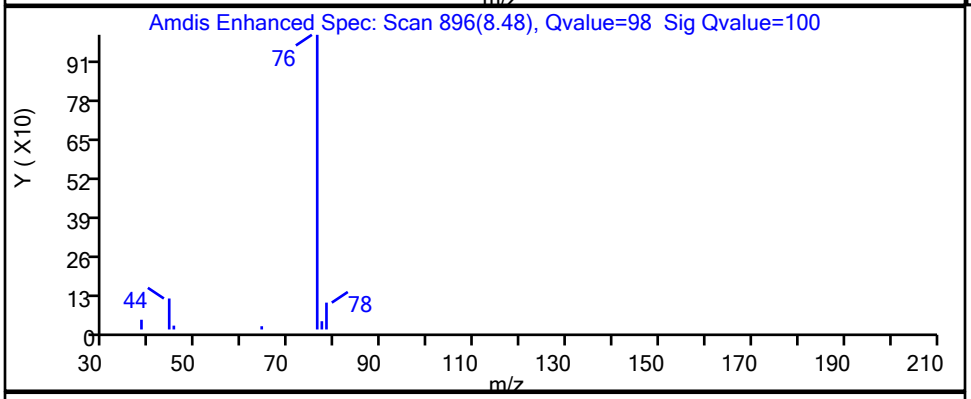
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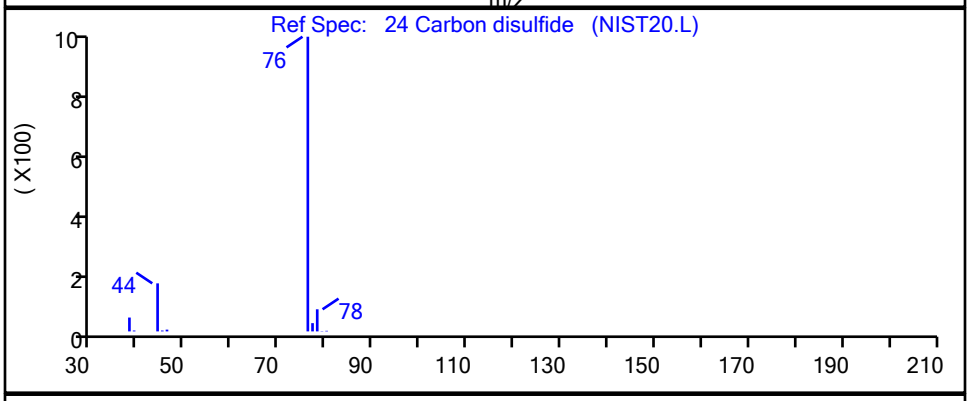
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Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

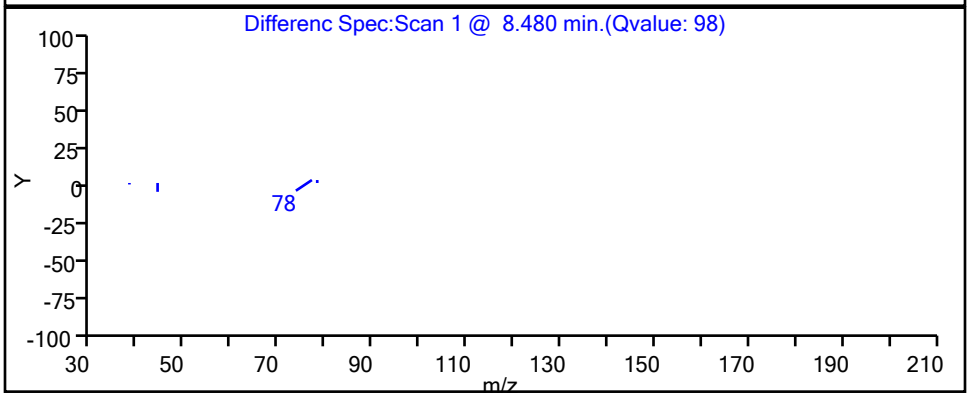
24 Carbon disulfide, CAS: 75-15-0











Report Date: 25-Jun-2025 11:25:57 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d

Injection Date: 24-Jun-2025 20:03:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-3 Lab Sample ID: 200-78438-3

Client ID: RXSV-05

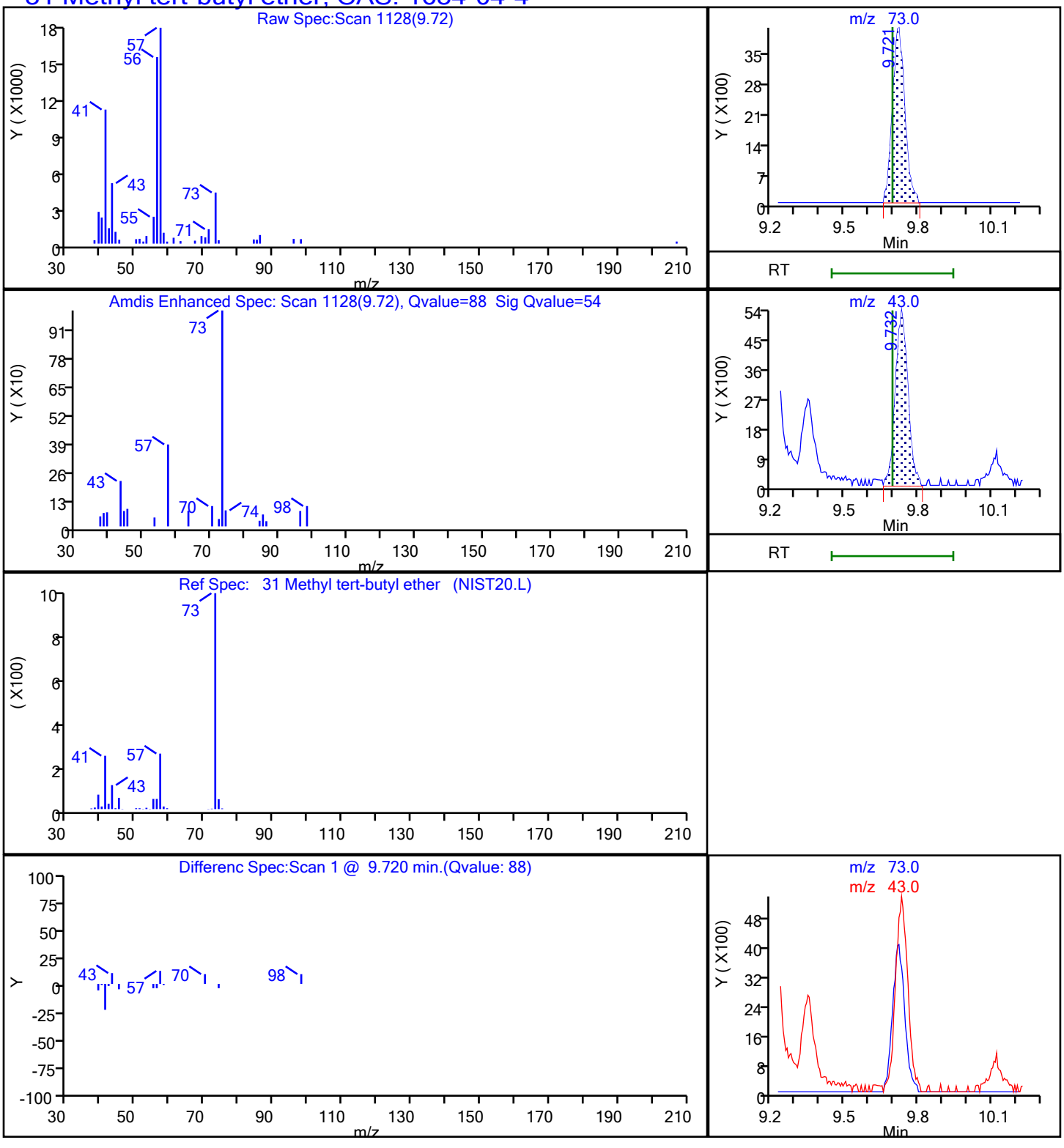
Operator ID: vtp ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 200.000 mL Dil. Factor: 4.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

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



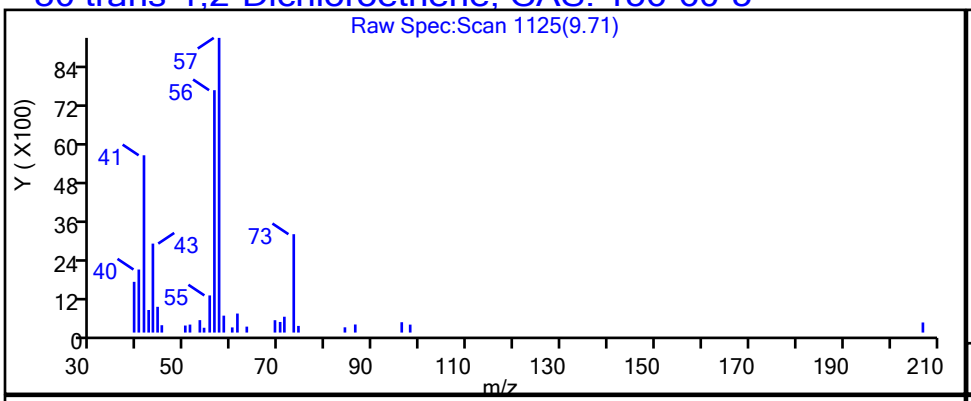
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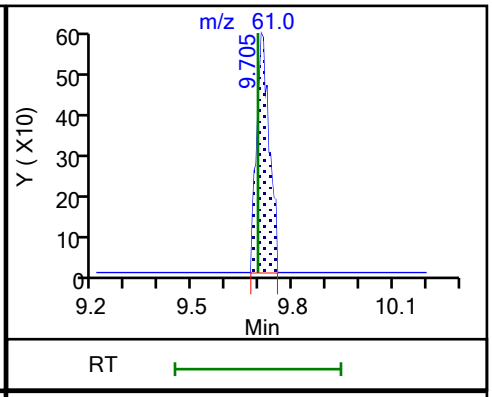
Eurofins Burlington

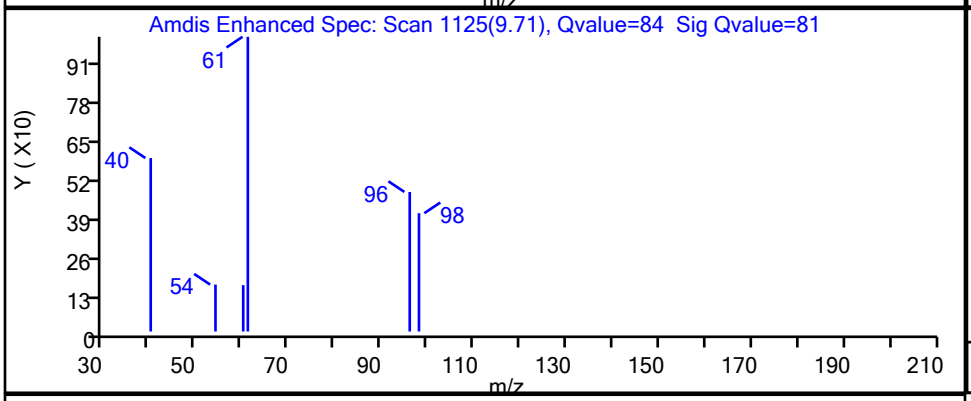
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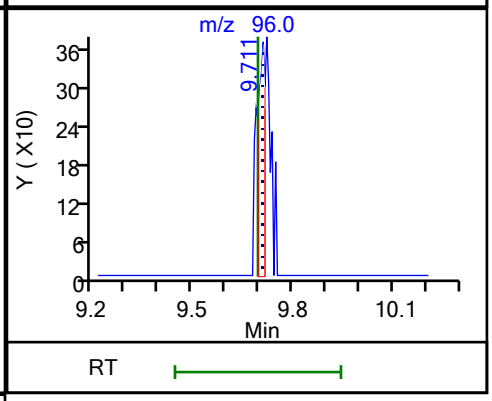
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Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

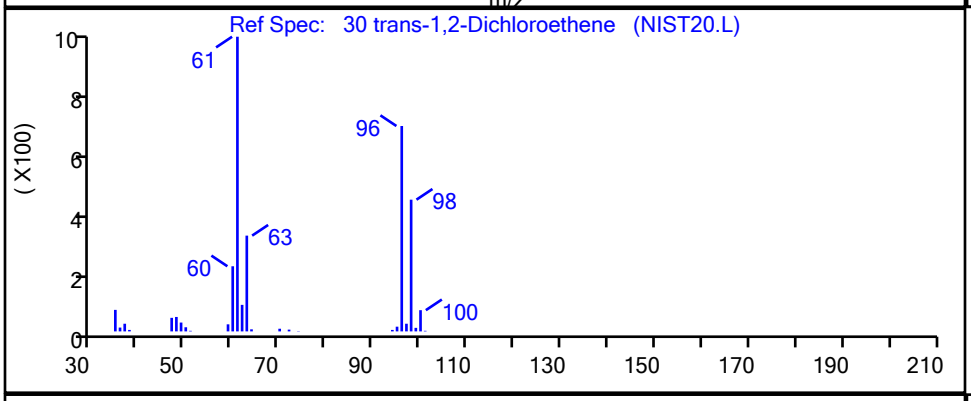
30 trans-1,2-Dichloroethene, CAS: 156-60-5

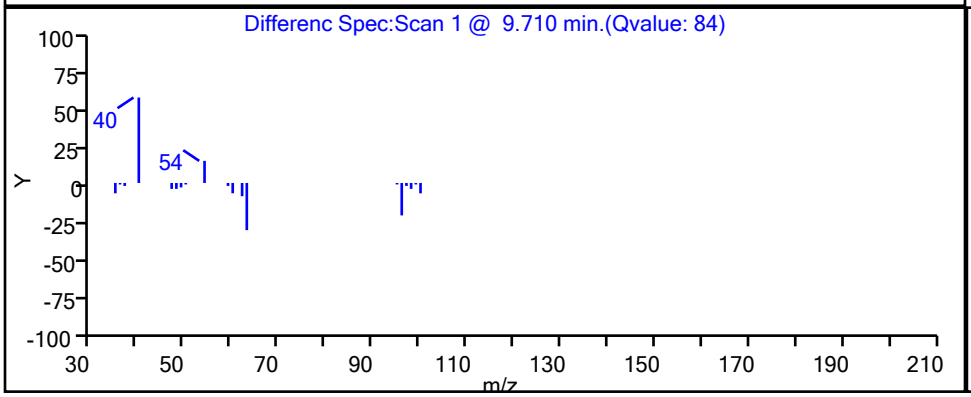


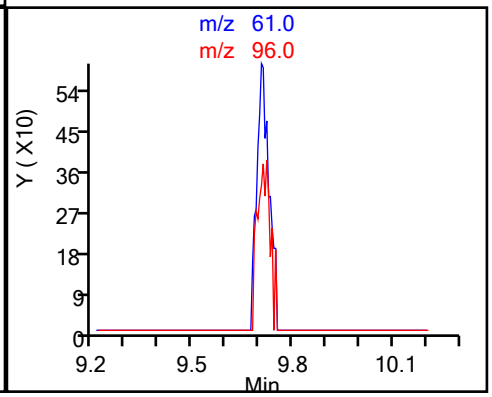












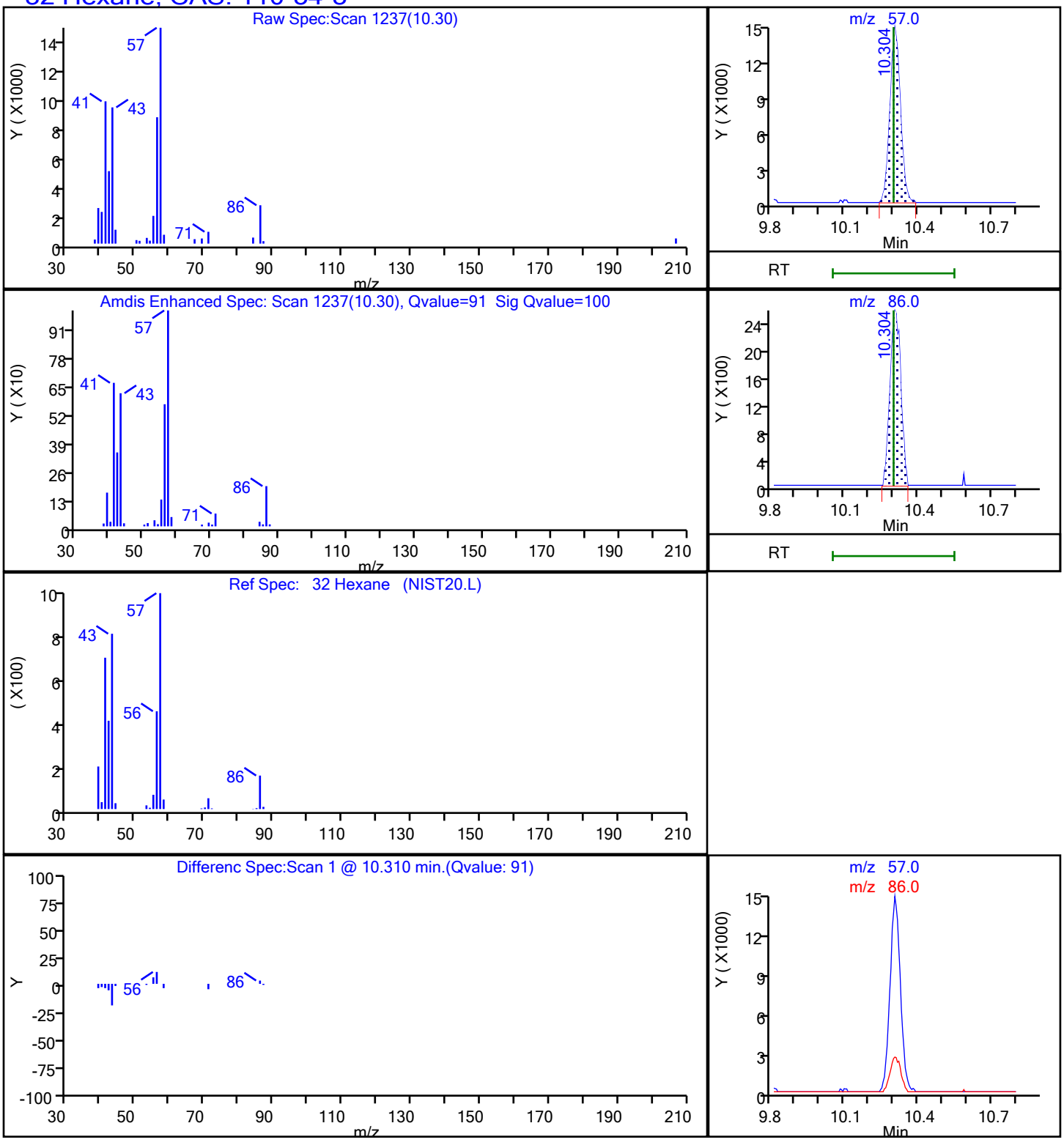
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d

Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

32 Hexane, CAS: 110-54-3



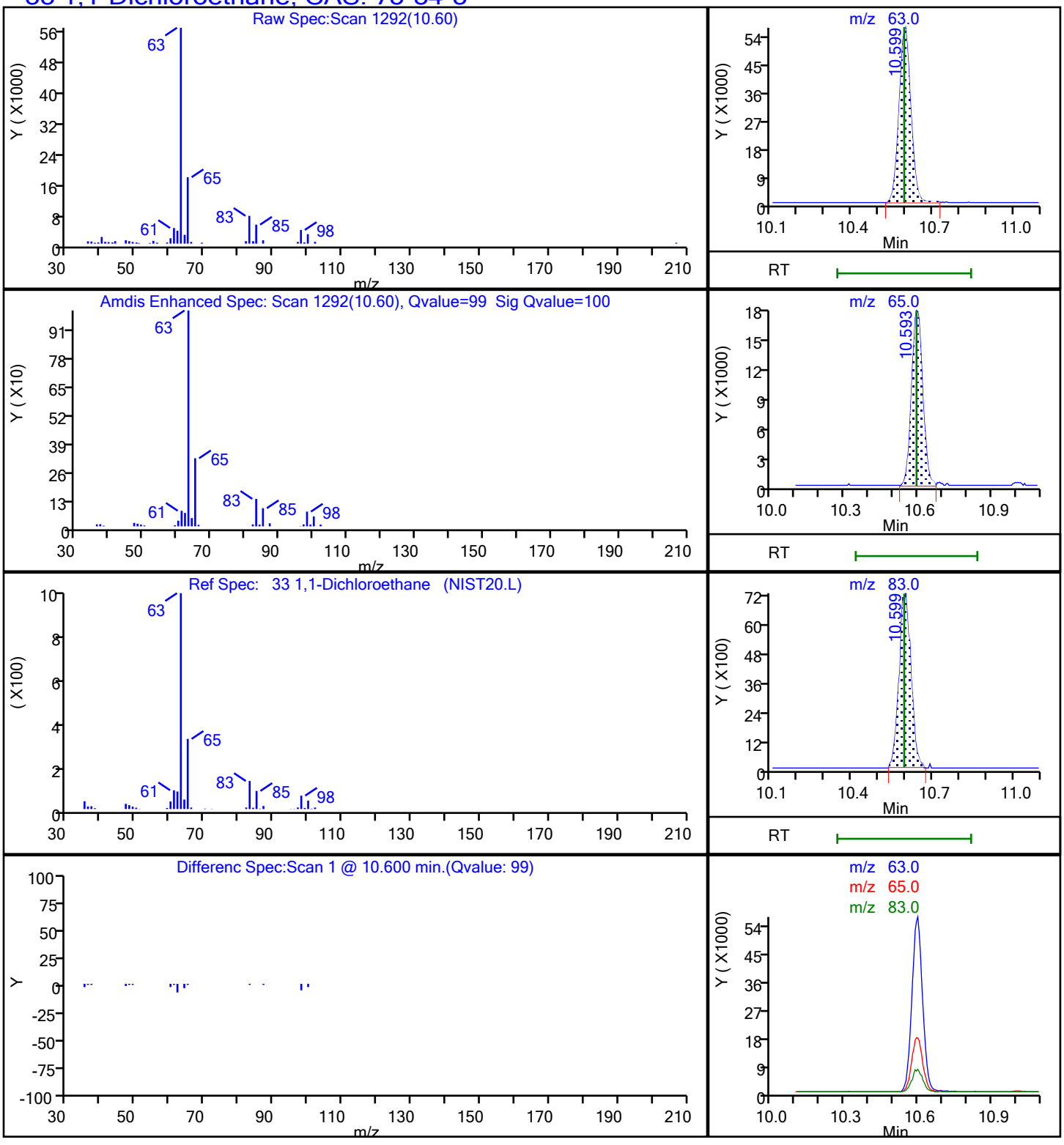
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d

Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

33 1,1-Dichloroethane, CAS: 75-34-3

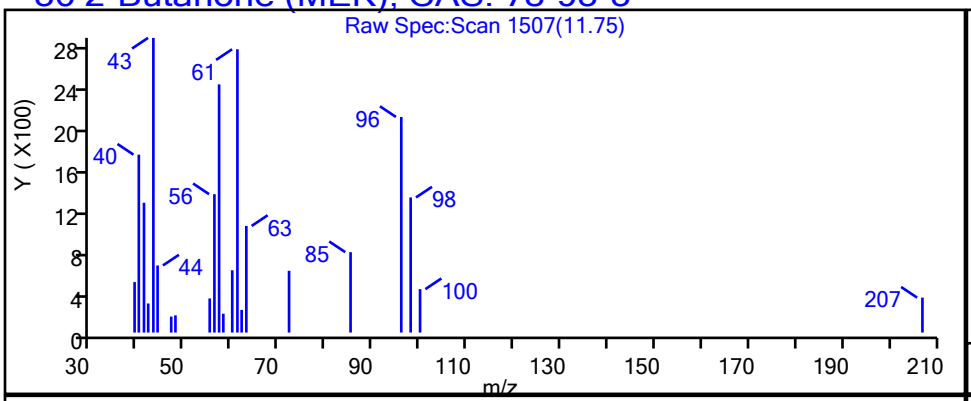


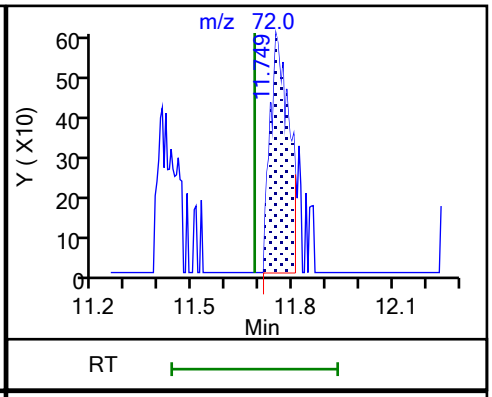
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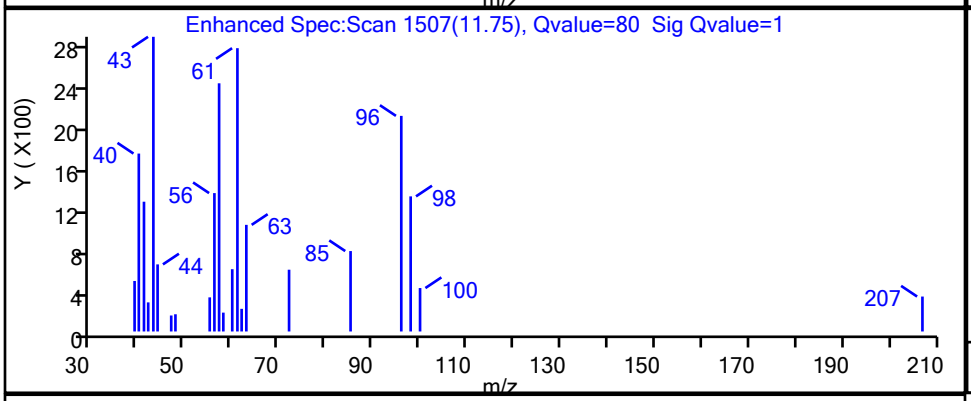
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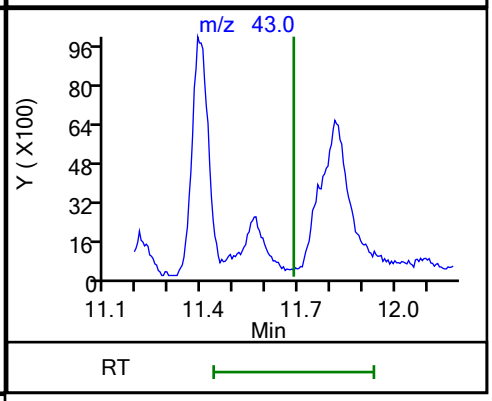
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Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

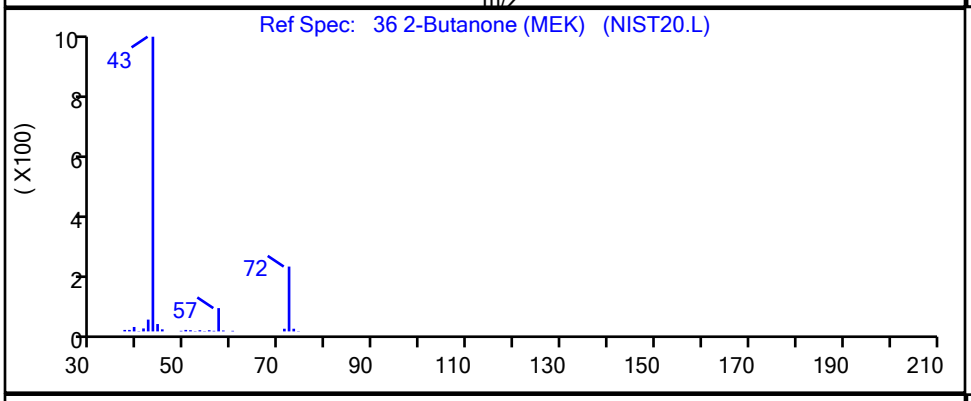
36 2-Butanone (MEK), CAS: 78-93-3

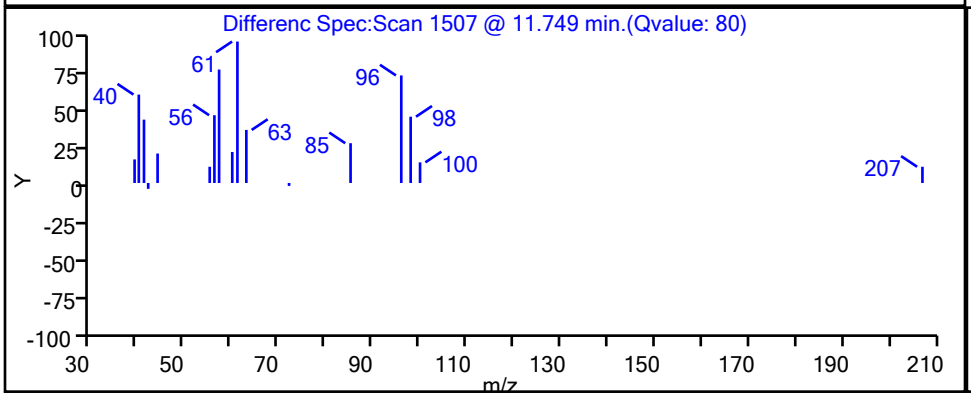


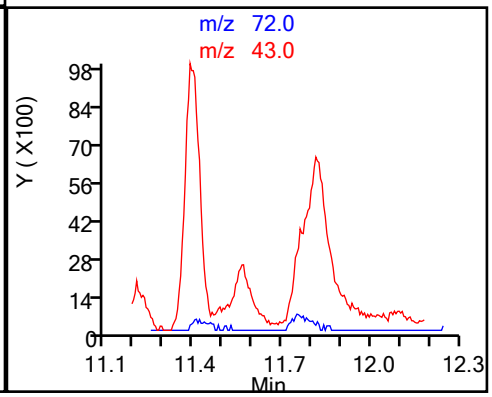










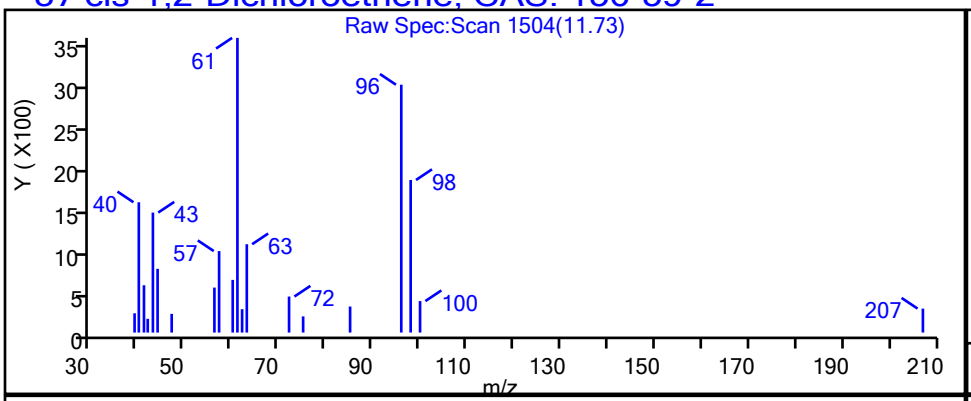


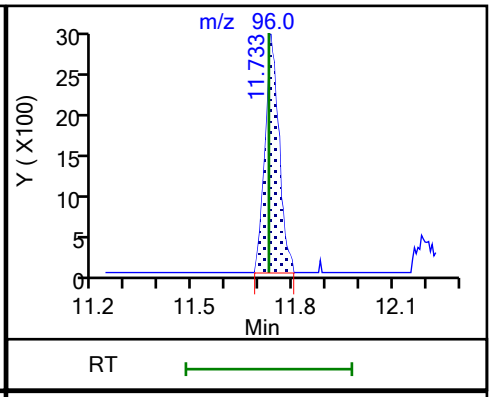
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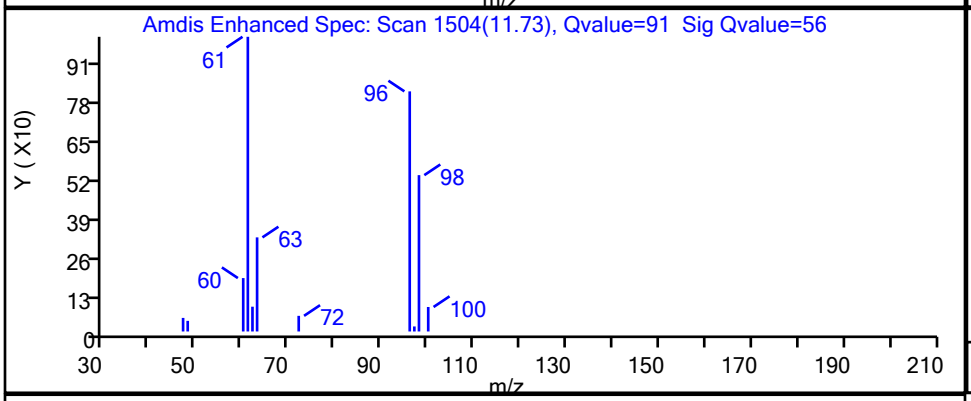
Eurofins Burlington

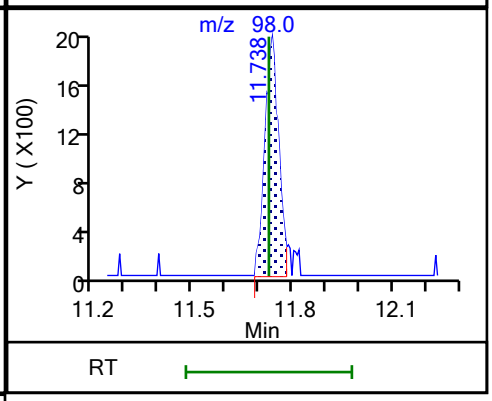
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Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

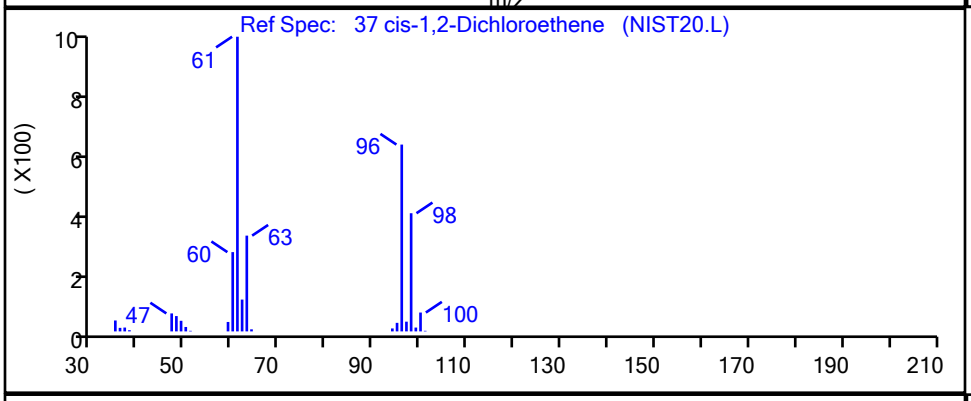
37 cis-1,2-Dichloroethene, CAS: 156-59-2

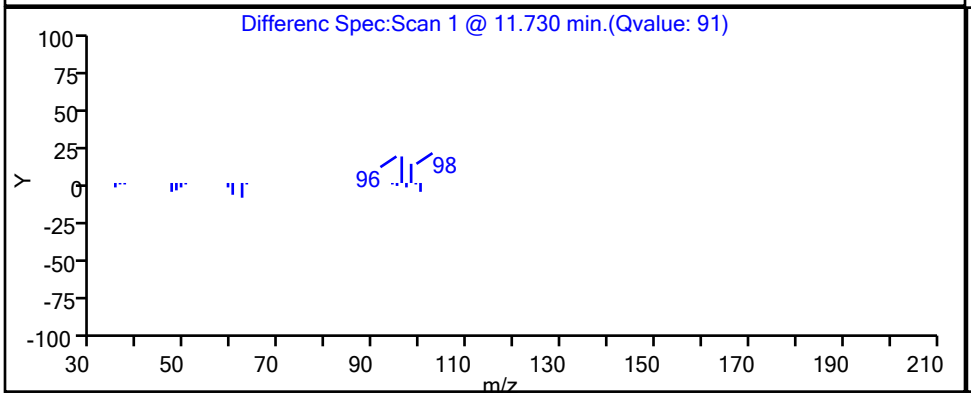


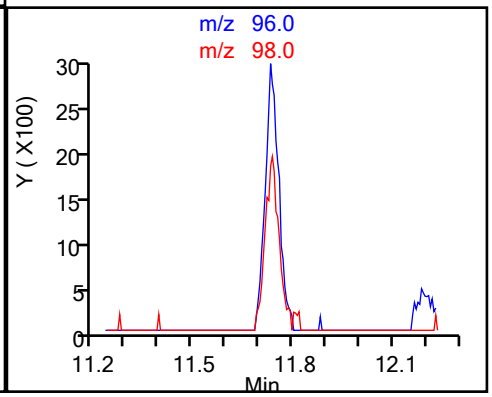












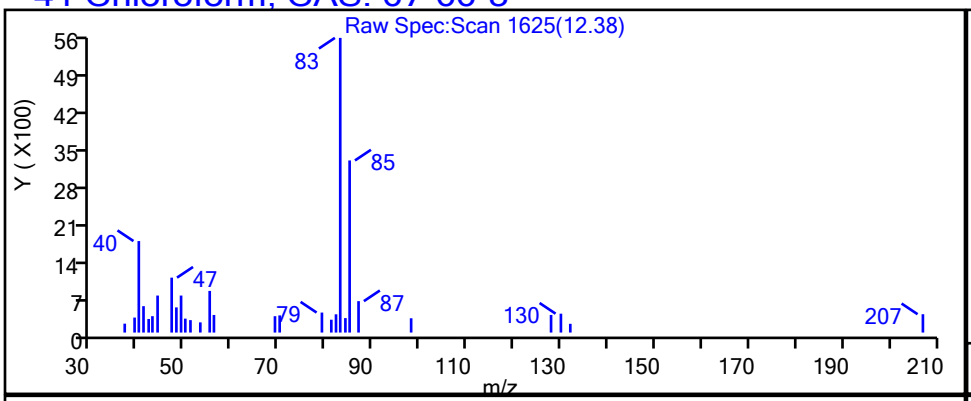
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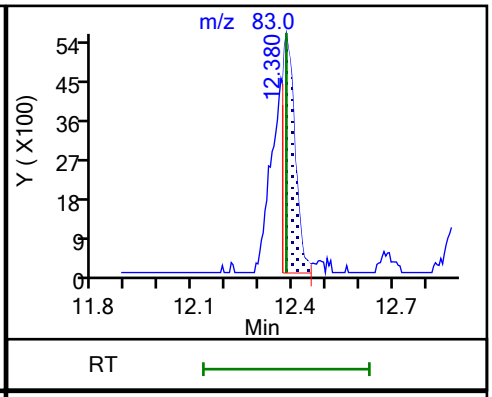
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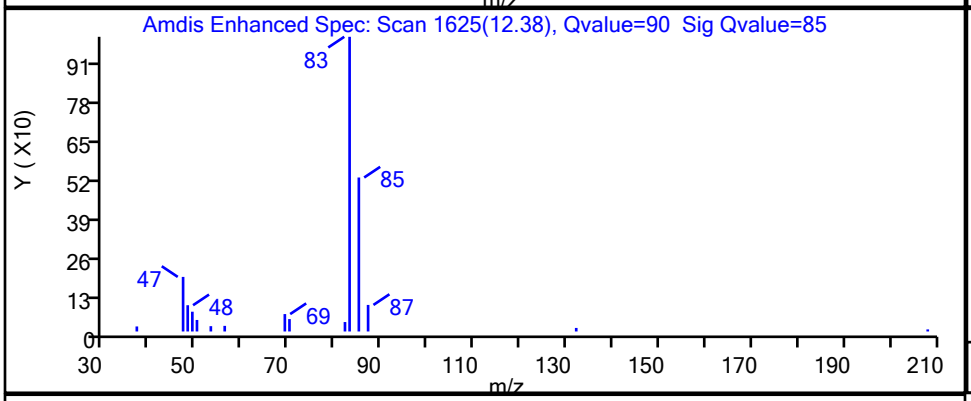
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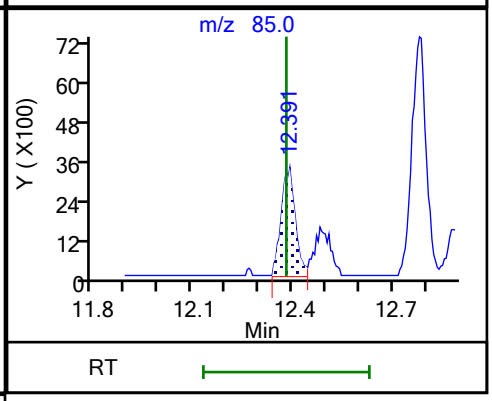
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Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
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Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

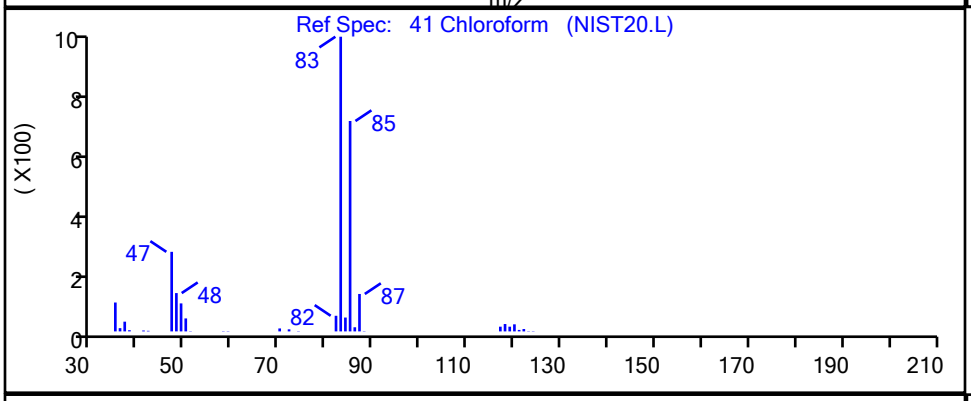
41 Chloroform, CAS: 67-66-3

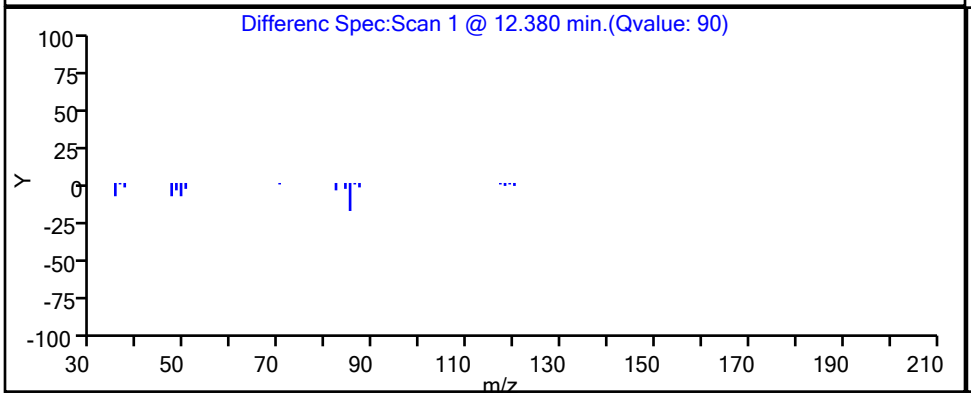


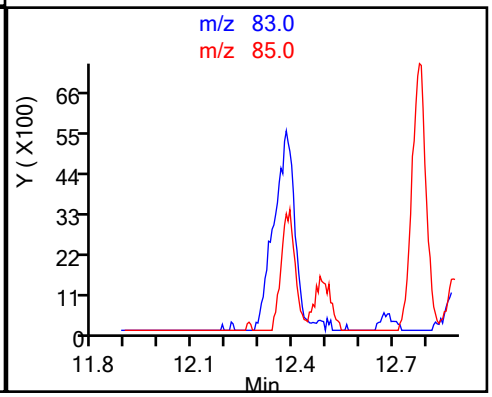










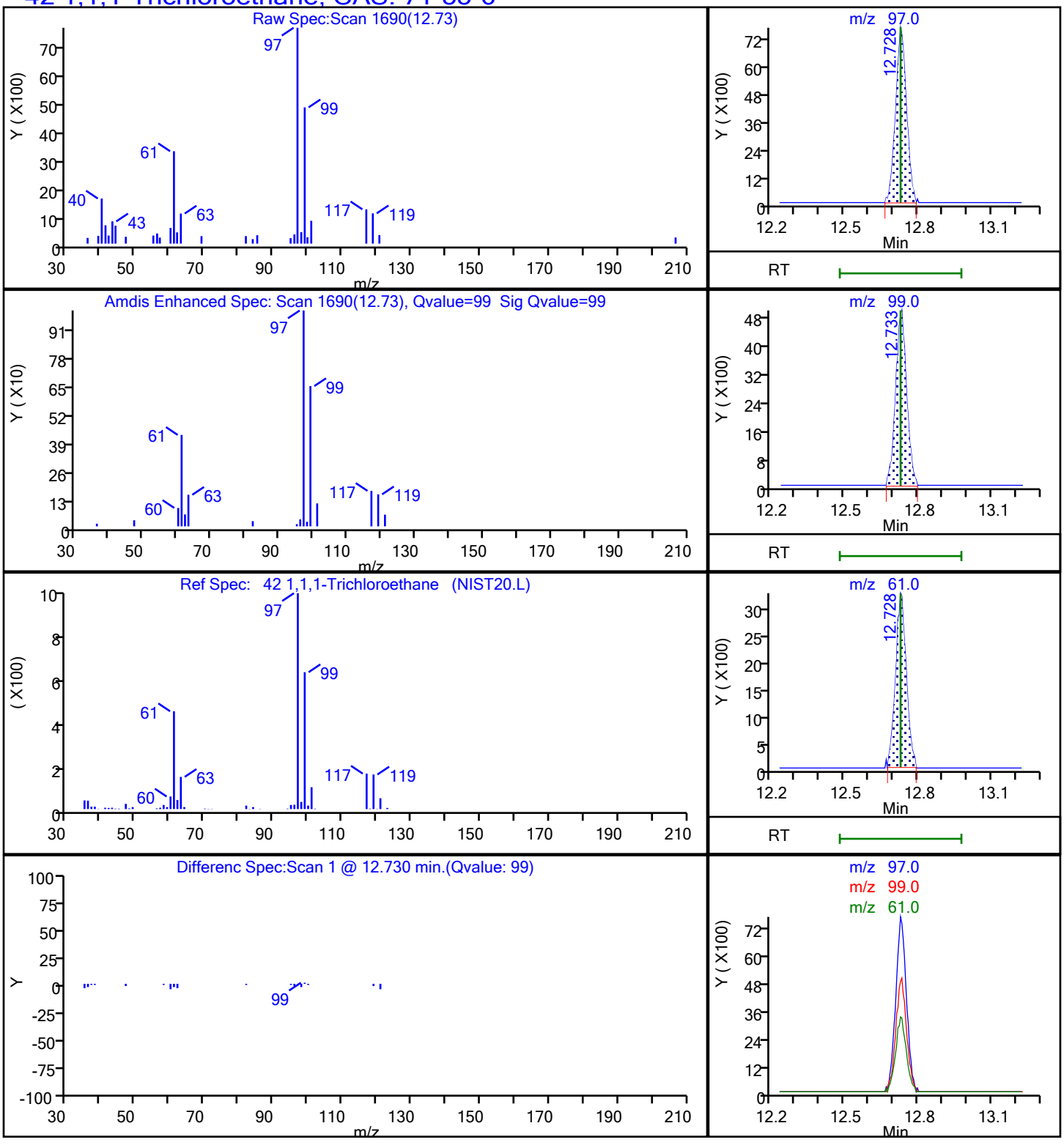


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Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



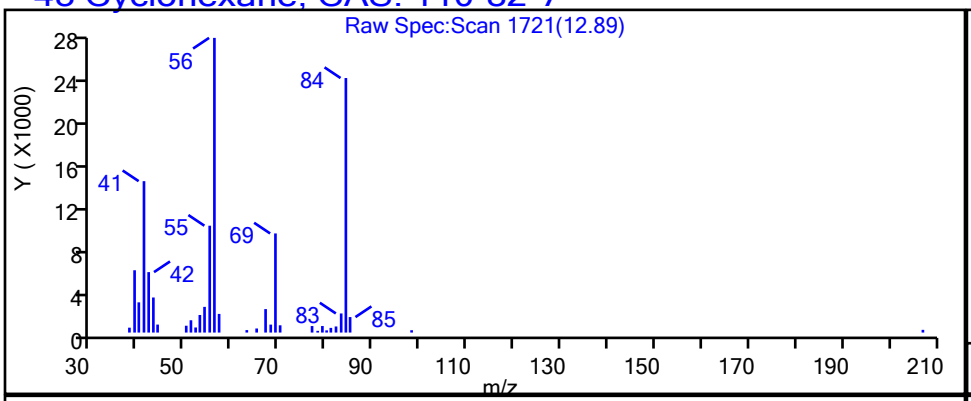
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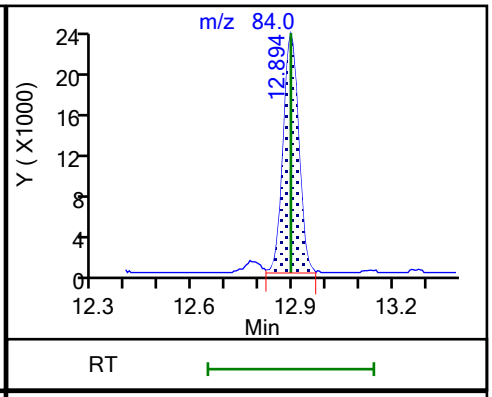
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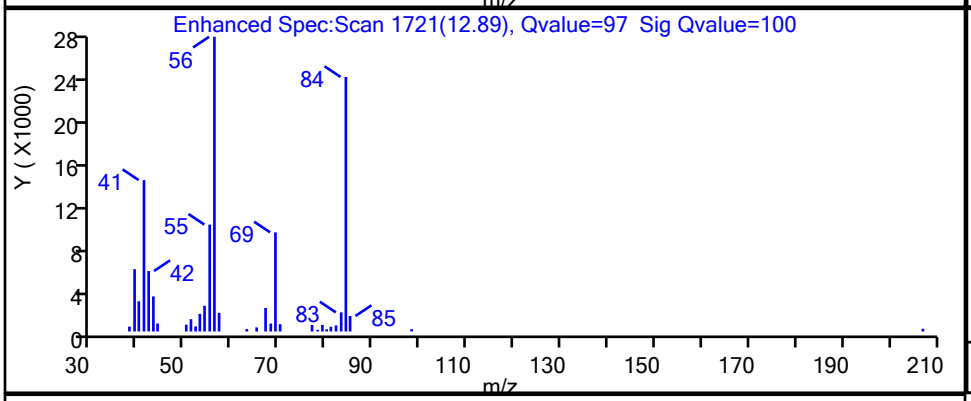
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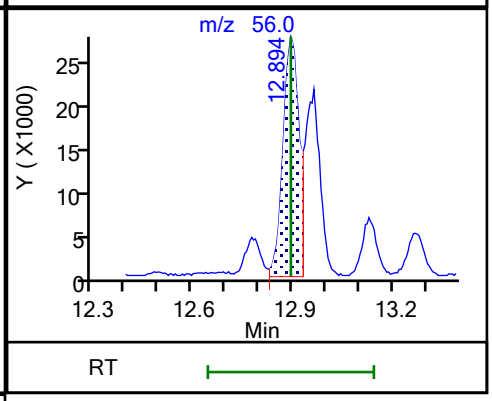
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Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
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Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

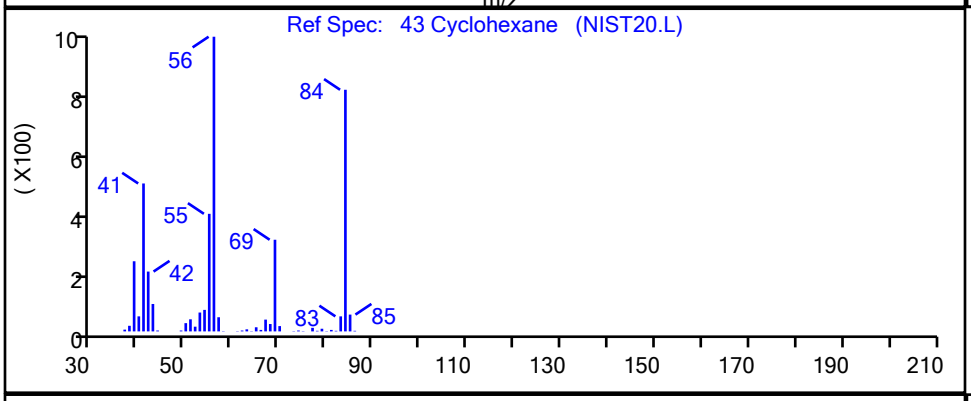
43 Cyclohexane, CAS: 110-82-7

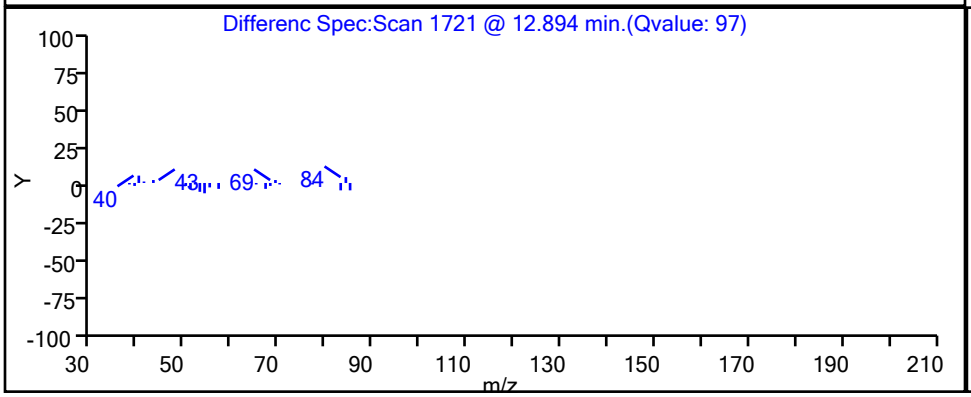


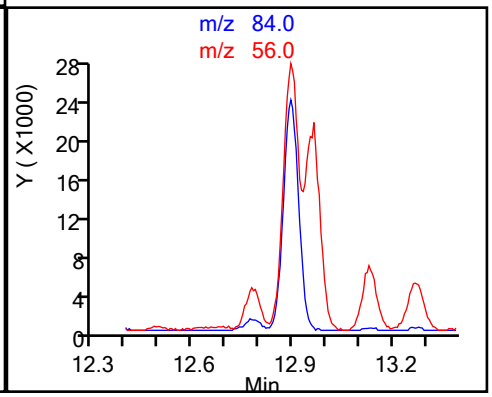












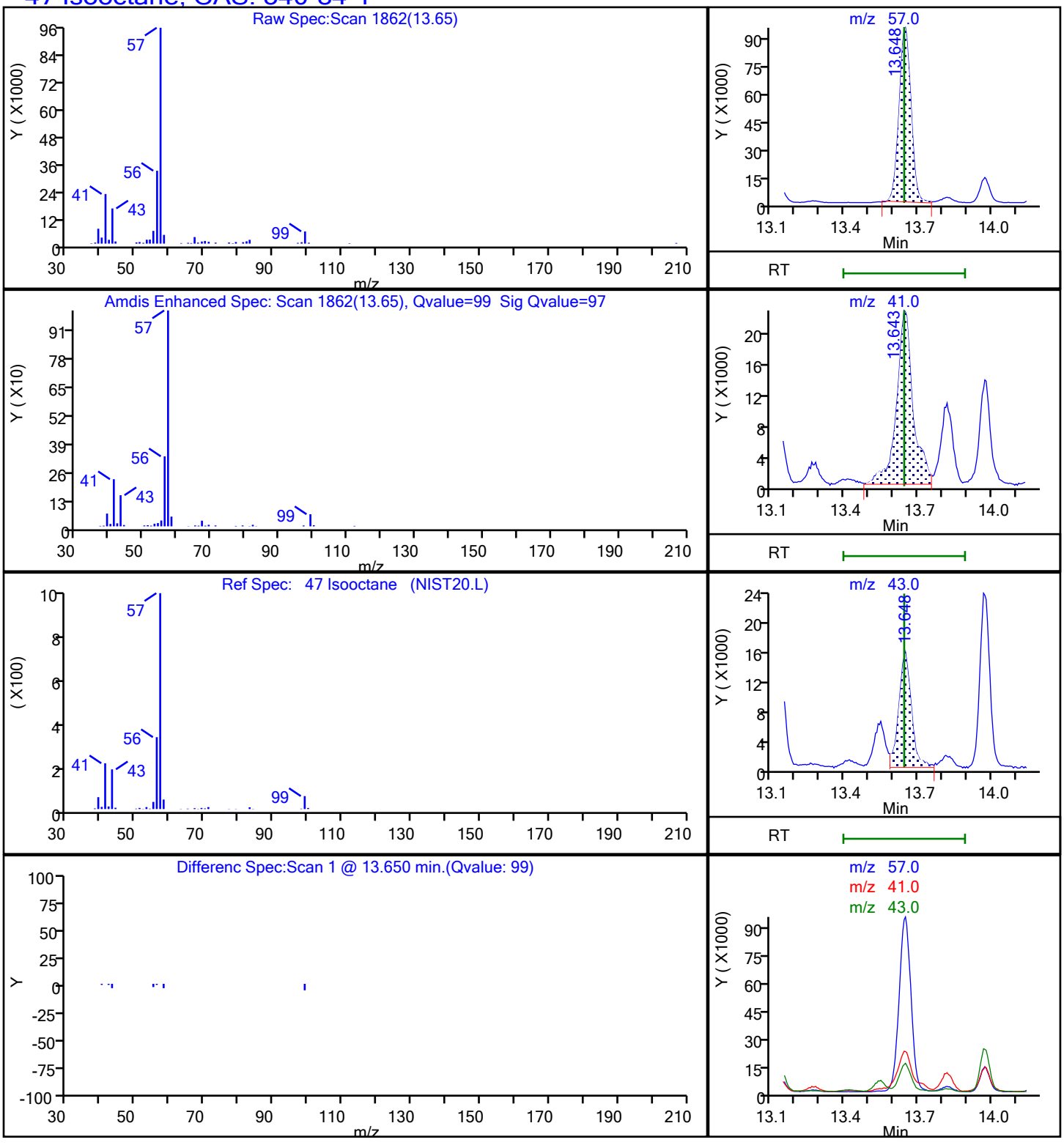
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Eurofins Burlington

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Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Isooctane, CAS: 540-84-1



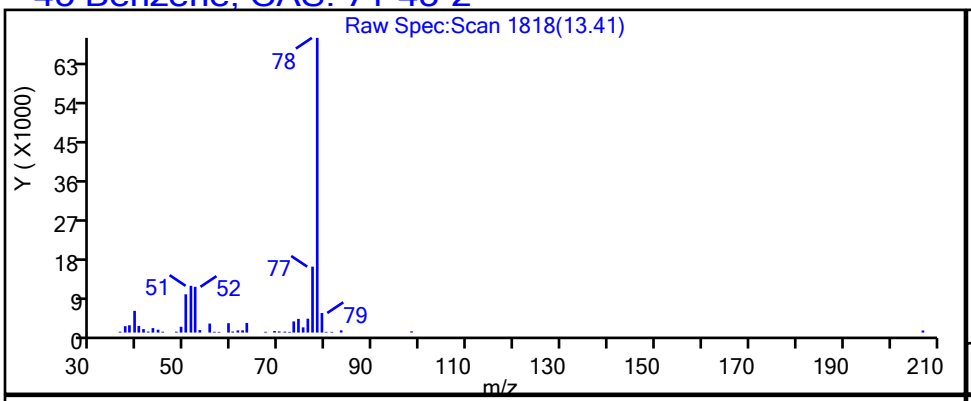
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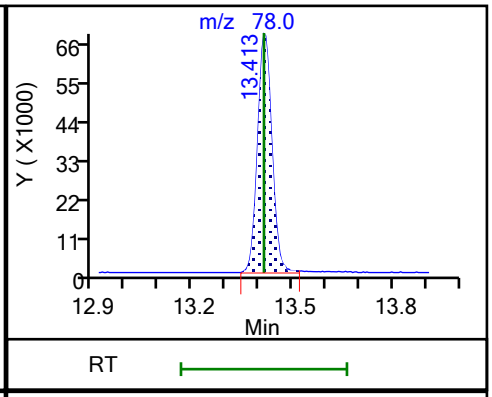
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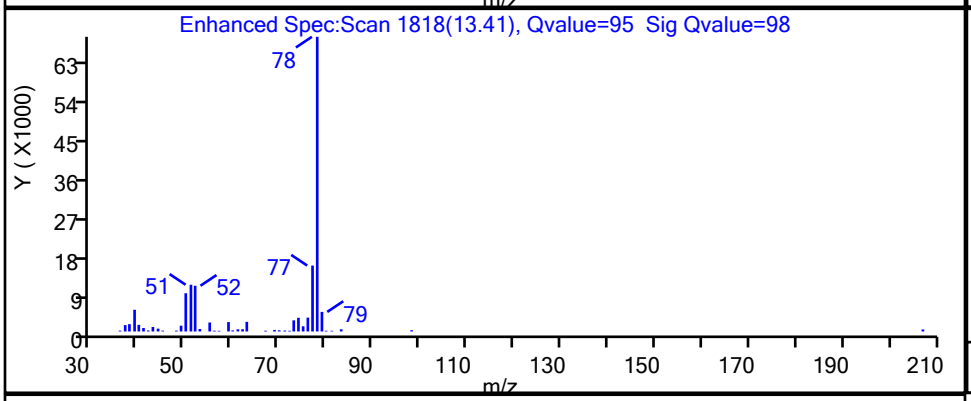
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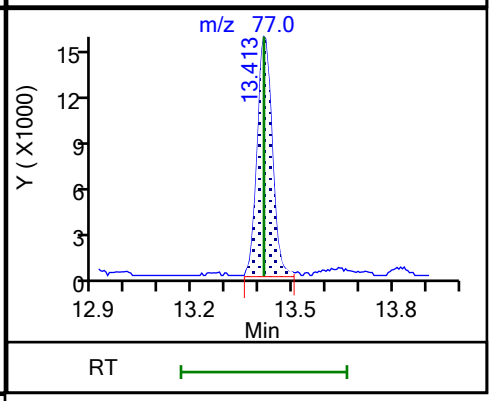
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Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

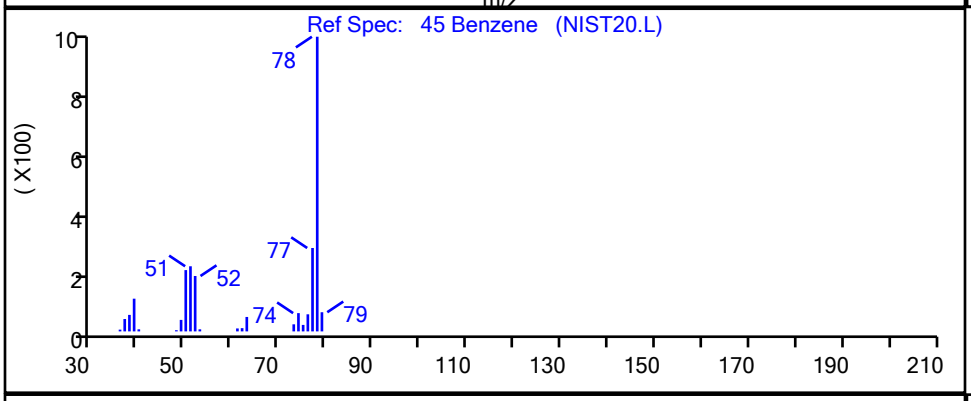
45 Benzene, CAS: 71-43-2

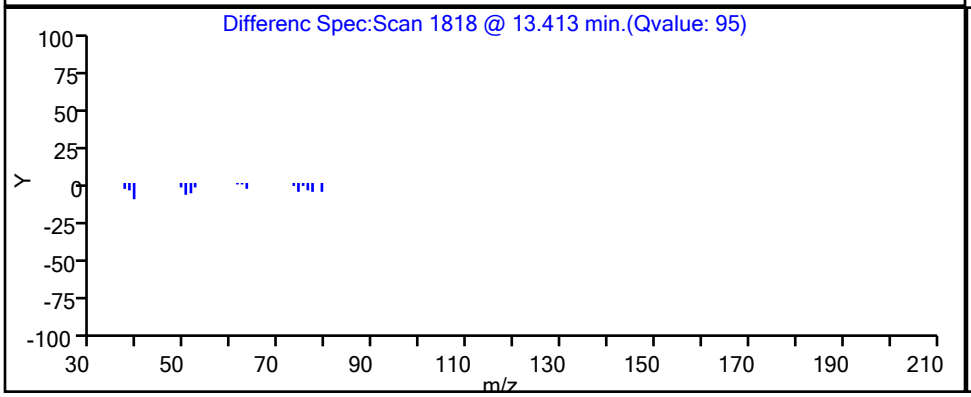


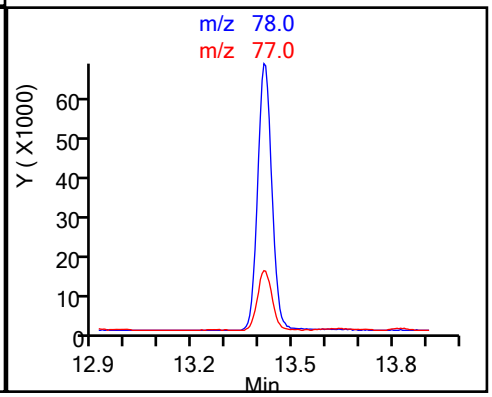












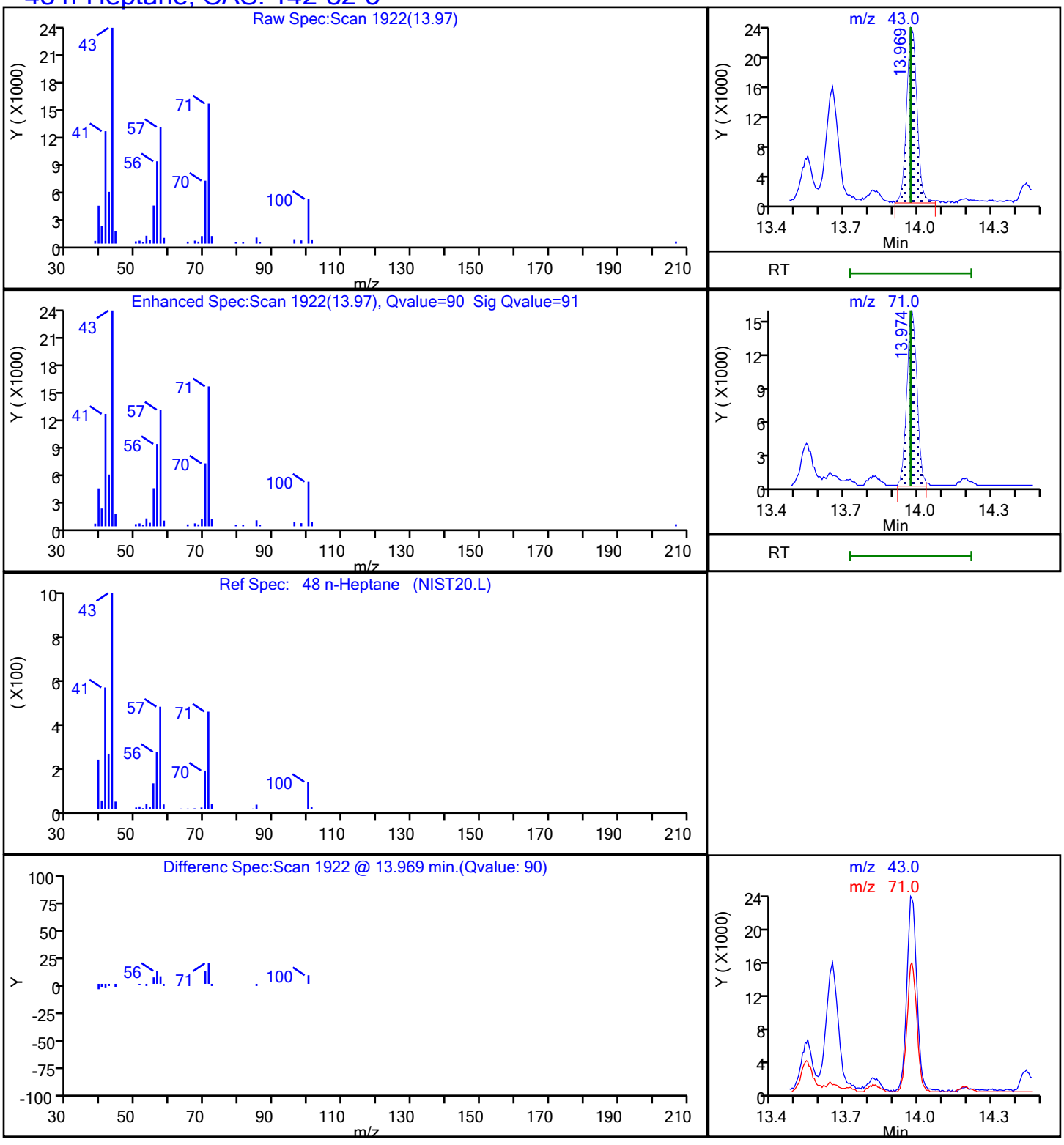
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Eurofins Burlington

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Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
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Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



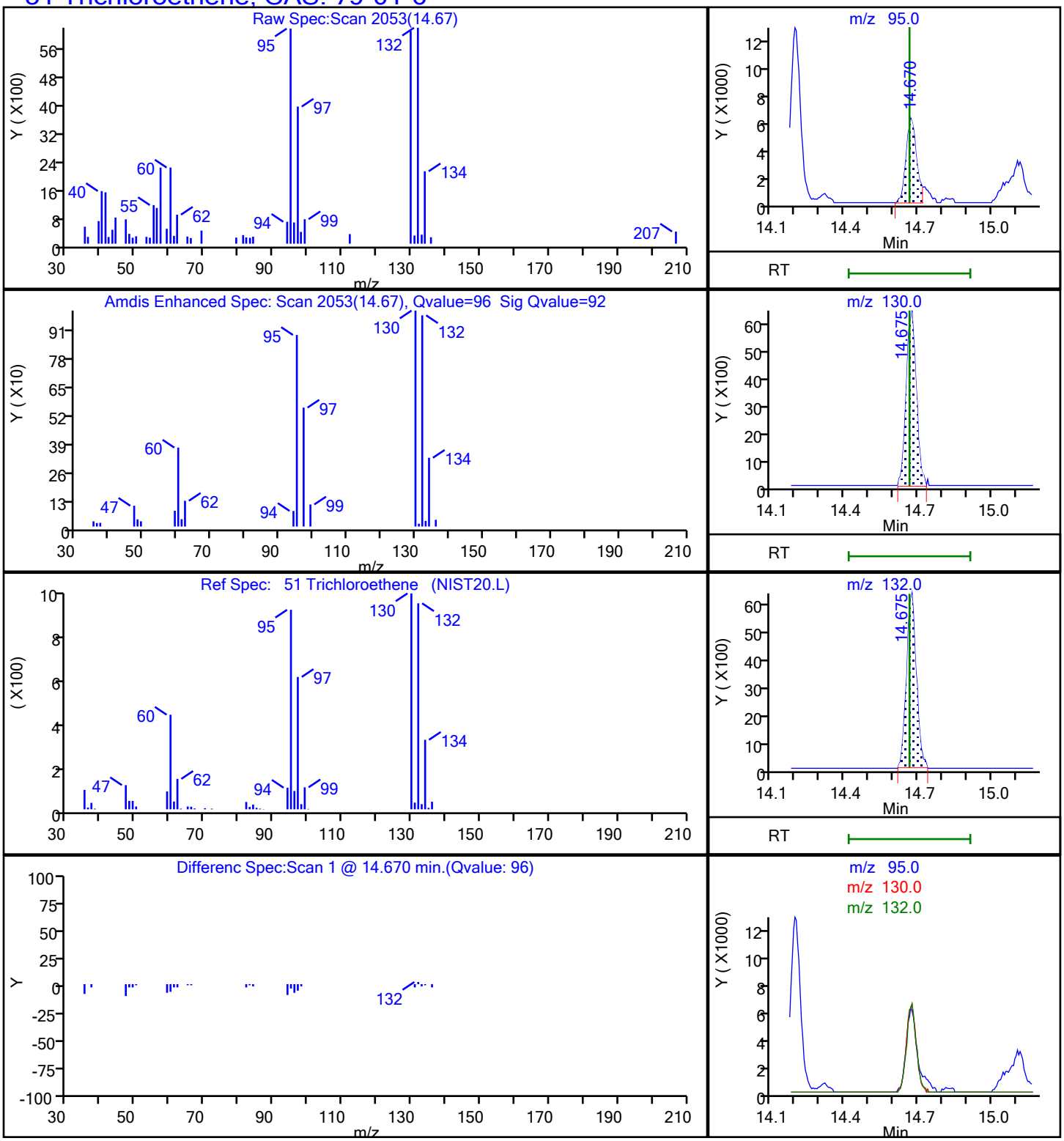
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Eurofins Burlington

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Client ID:	RXSV-05				
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Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

51 Trichloroethene, CAS: 79-01-6



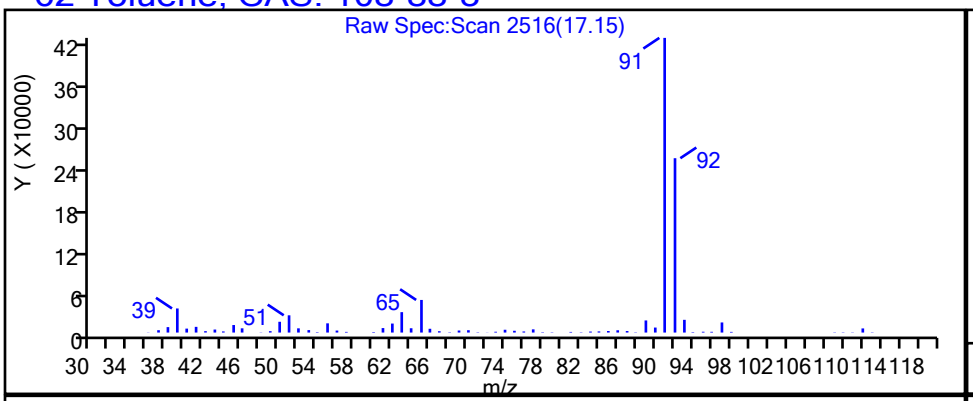
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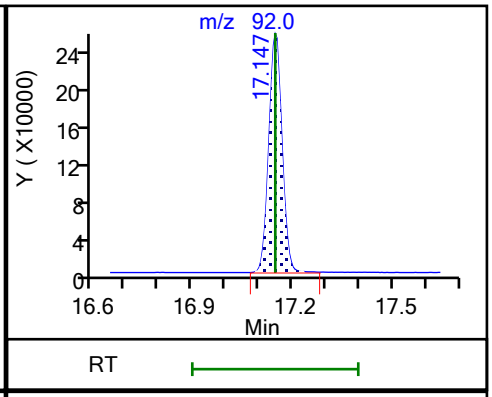
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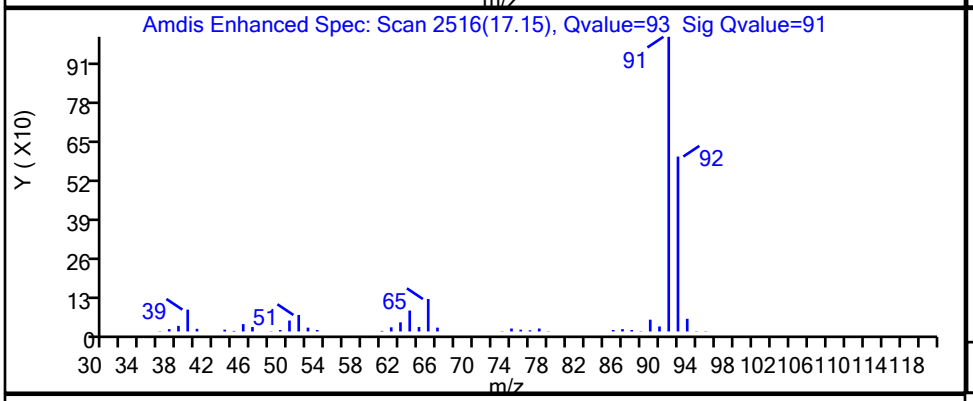
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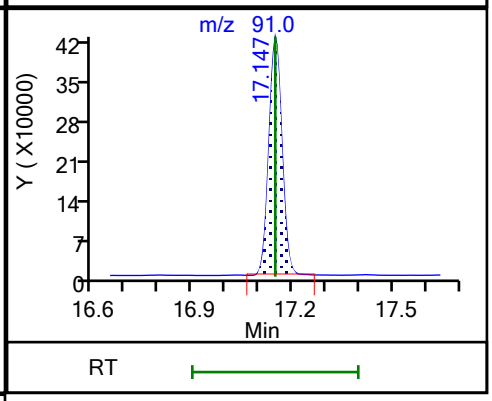
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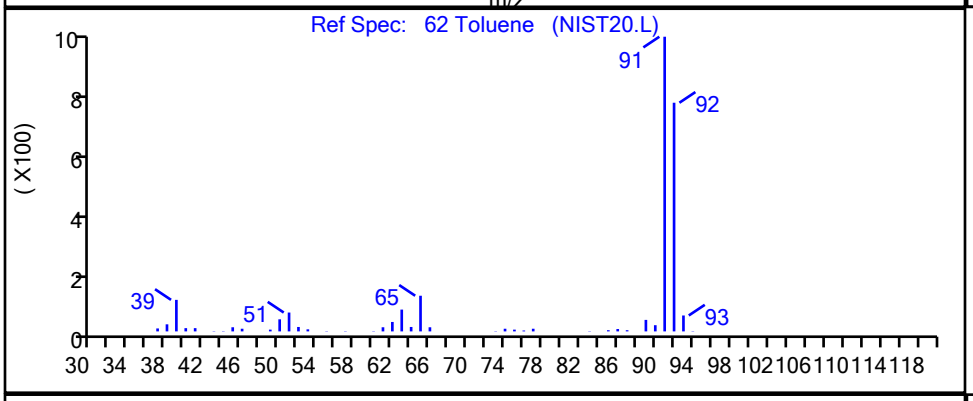
62 Toluene, CAS: 108-88-3

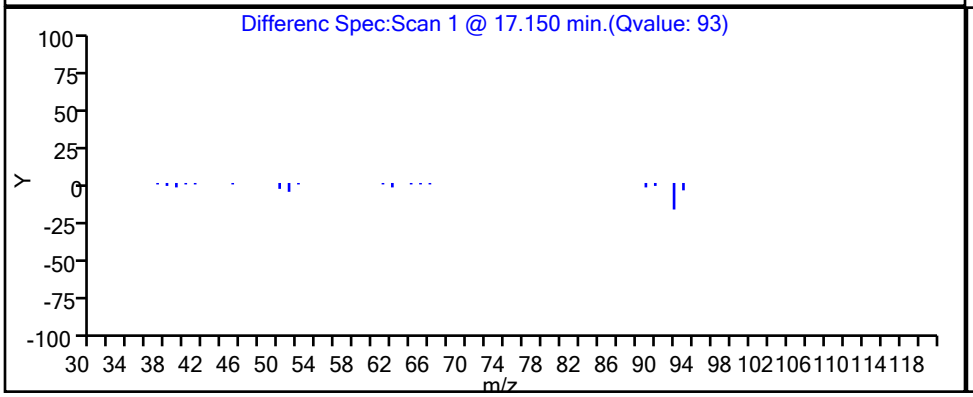


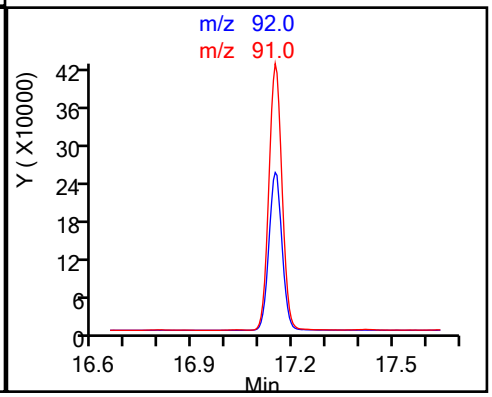












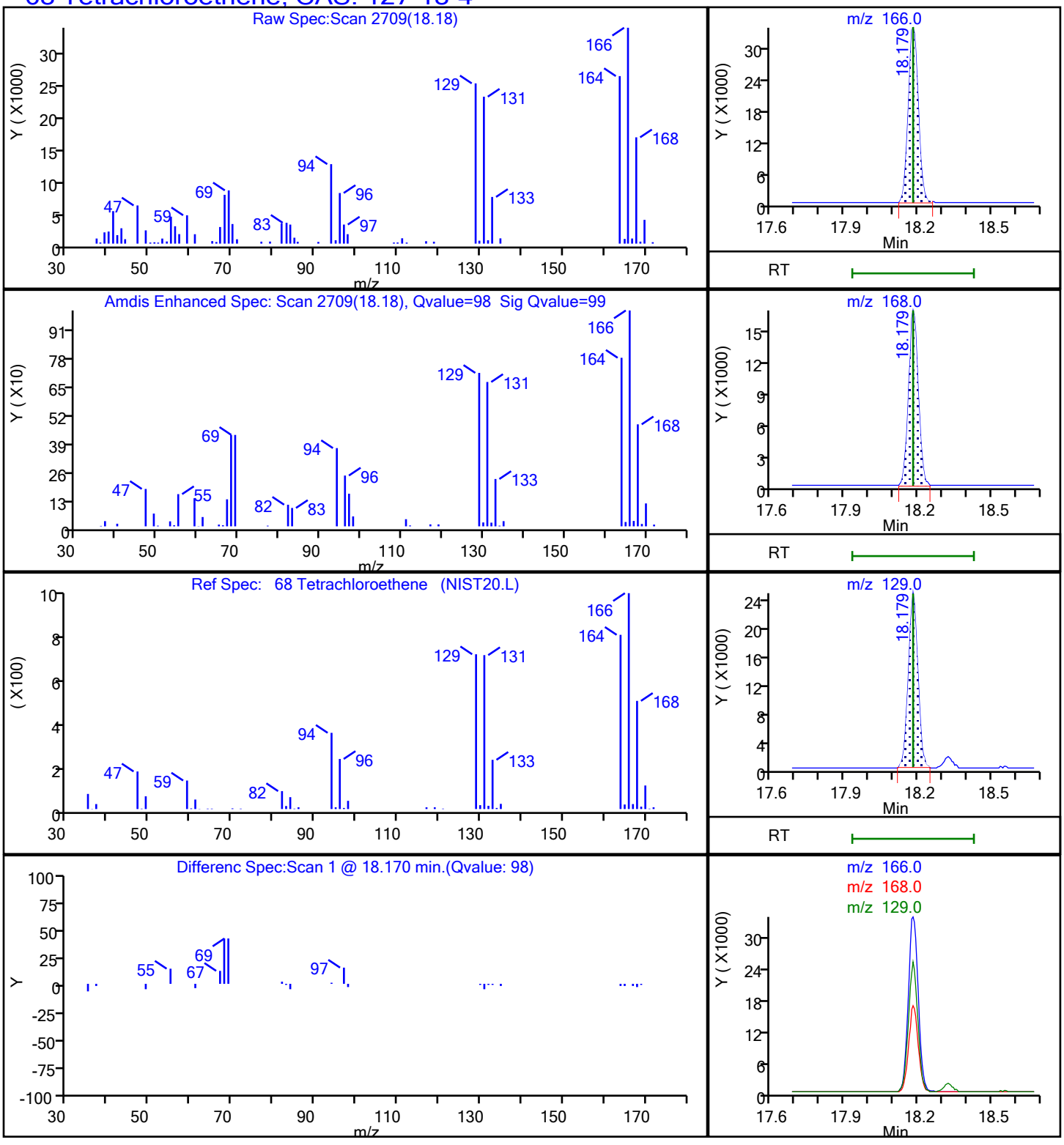
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d

Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

68 Tetrachloroethene, CAS: 127-18-4



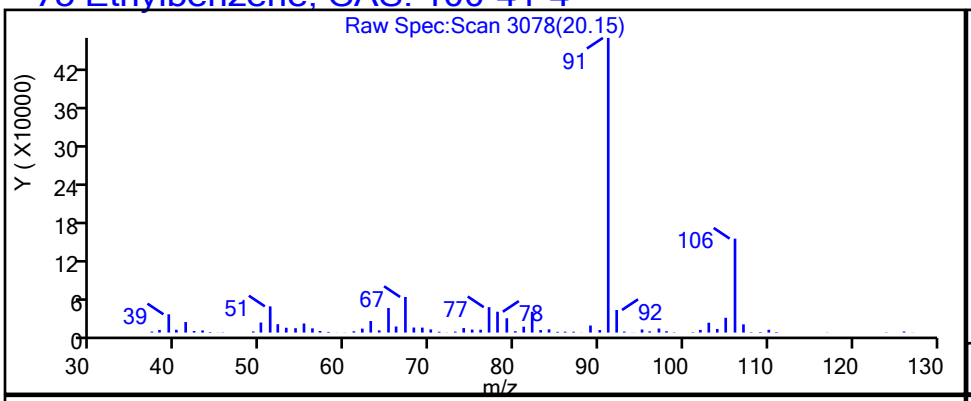
Report Date: 25-Jun-2025 11:25:57 Chrom Revision: 2.3 14-Jun-2025 12:06:34

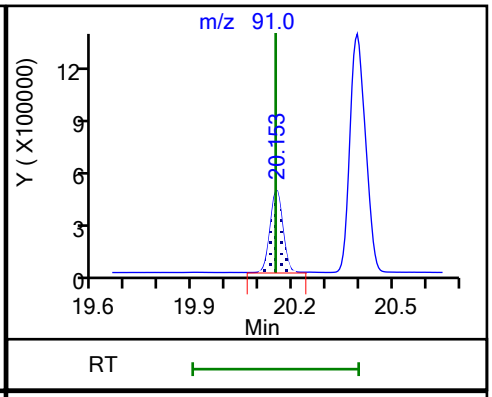
Eurofins Burlington

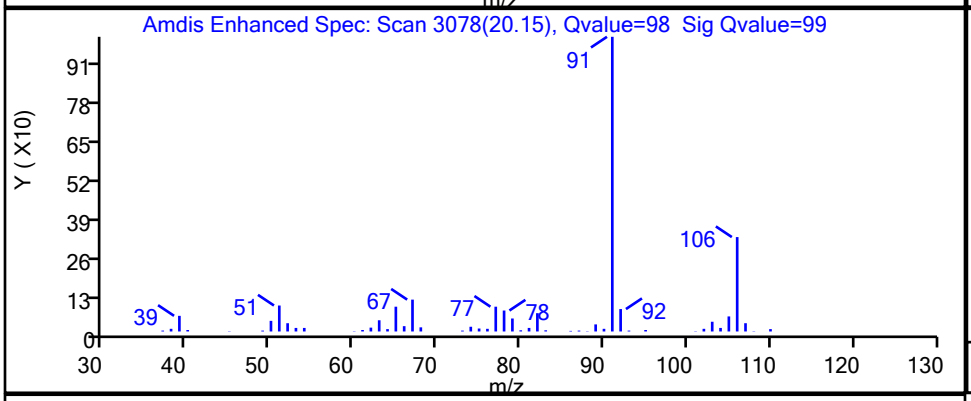
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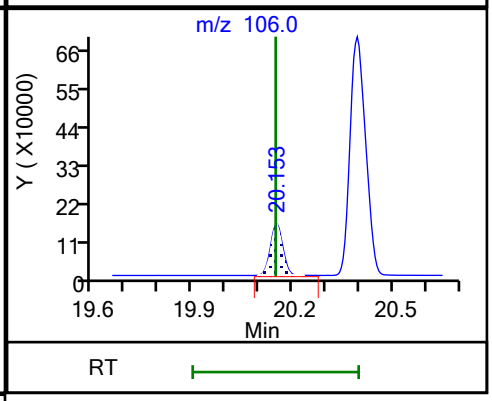
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Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

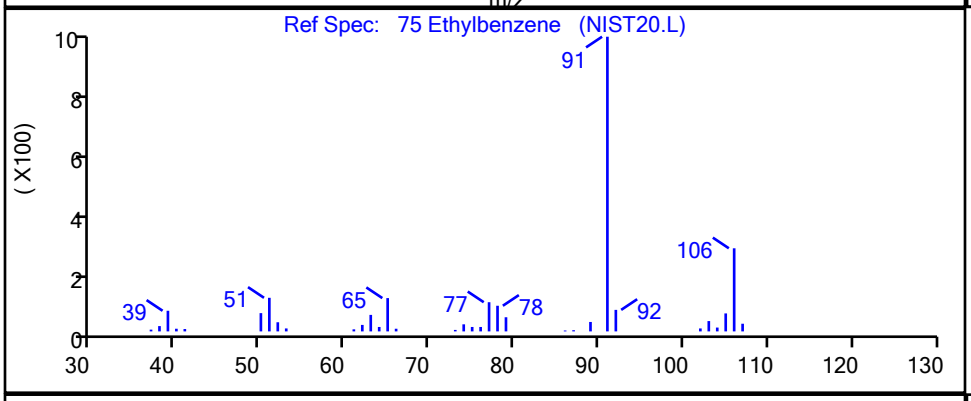
75 Ethylbenzene, CAS: 100-41-4

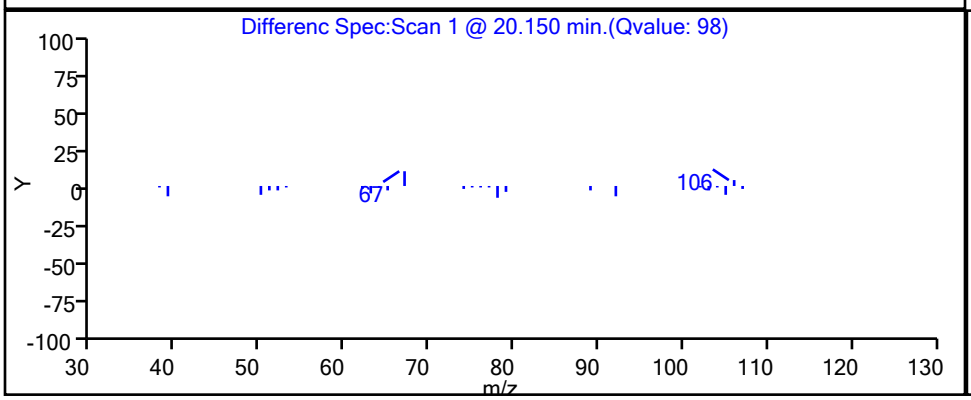


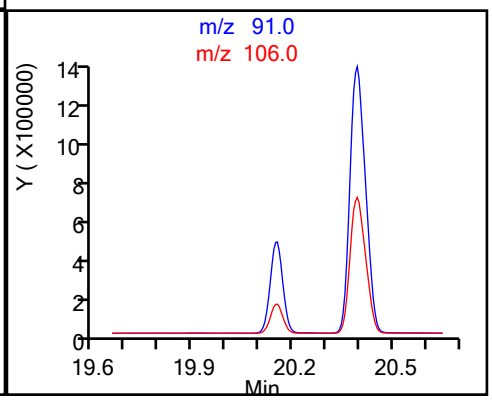










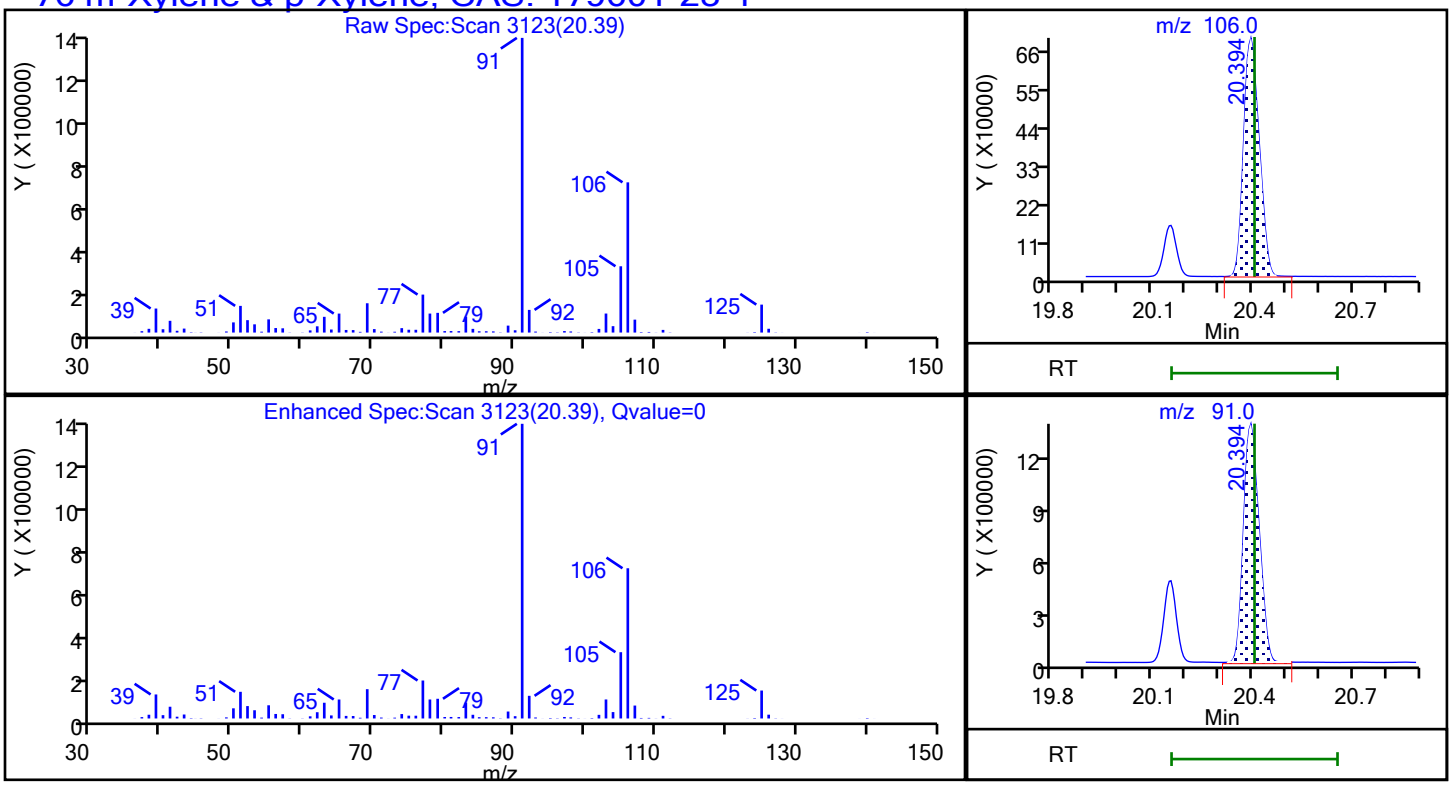


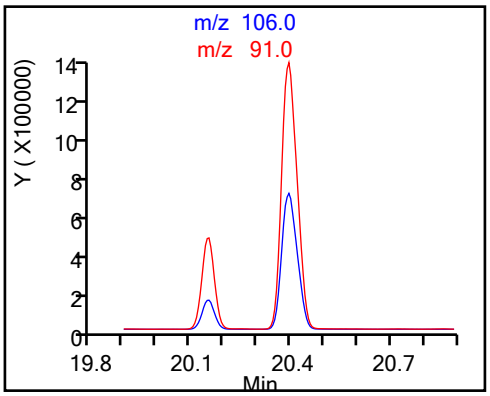
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Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d				
Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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





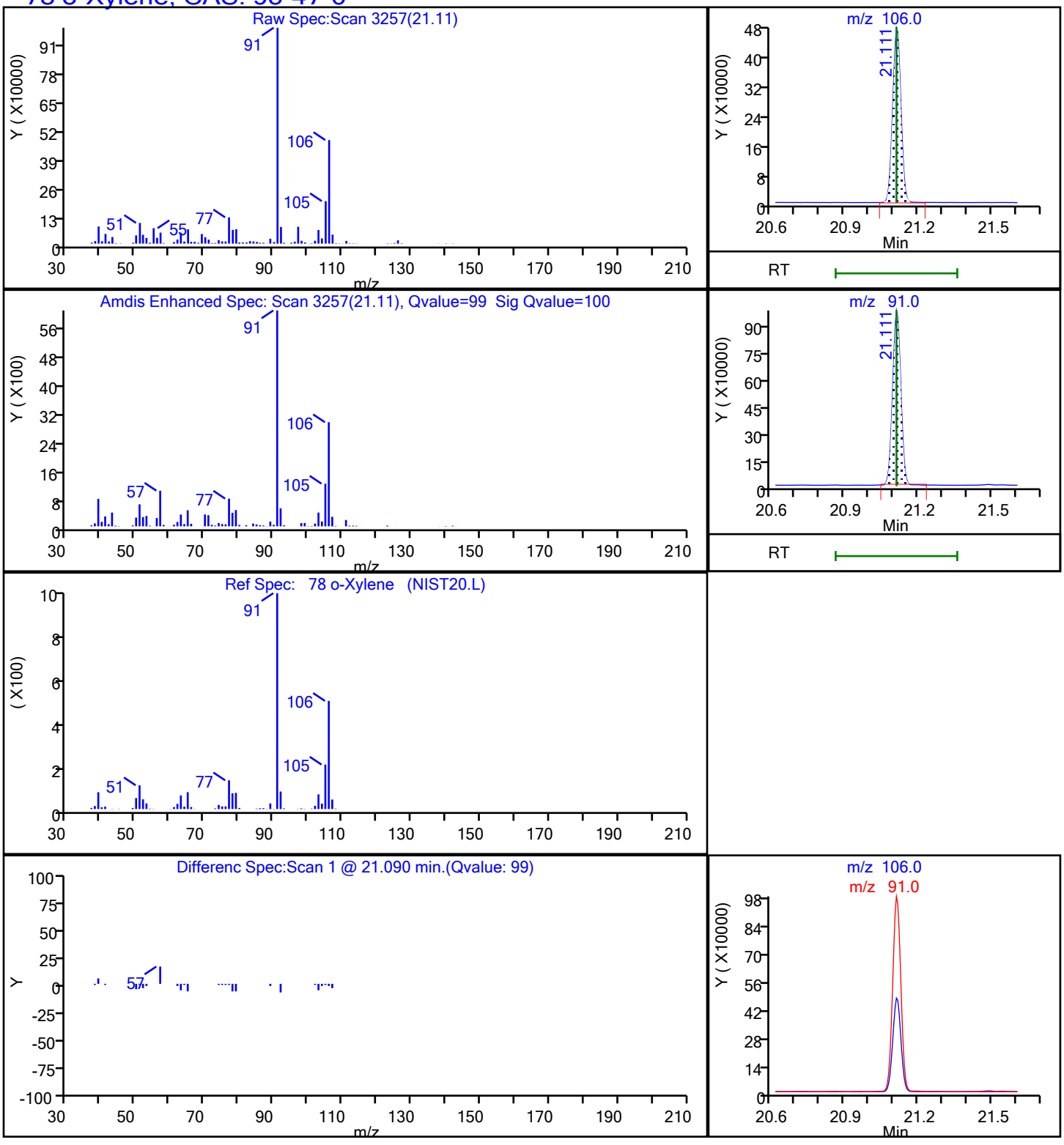
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d

Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



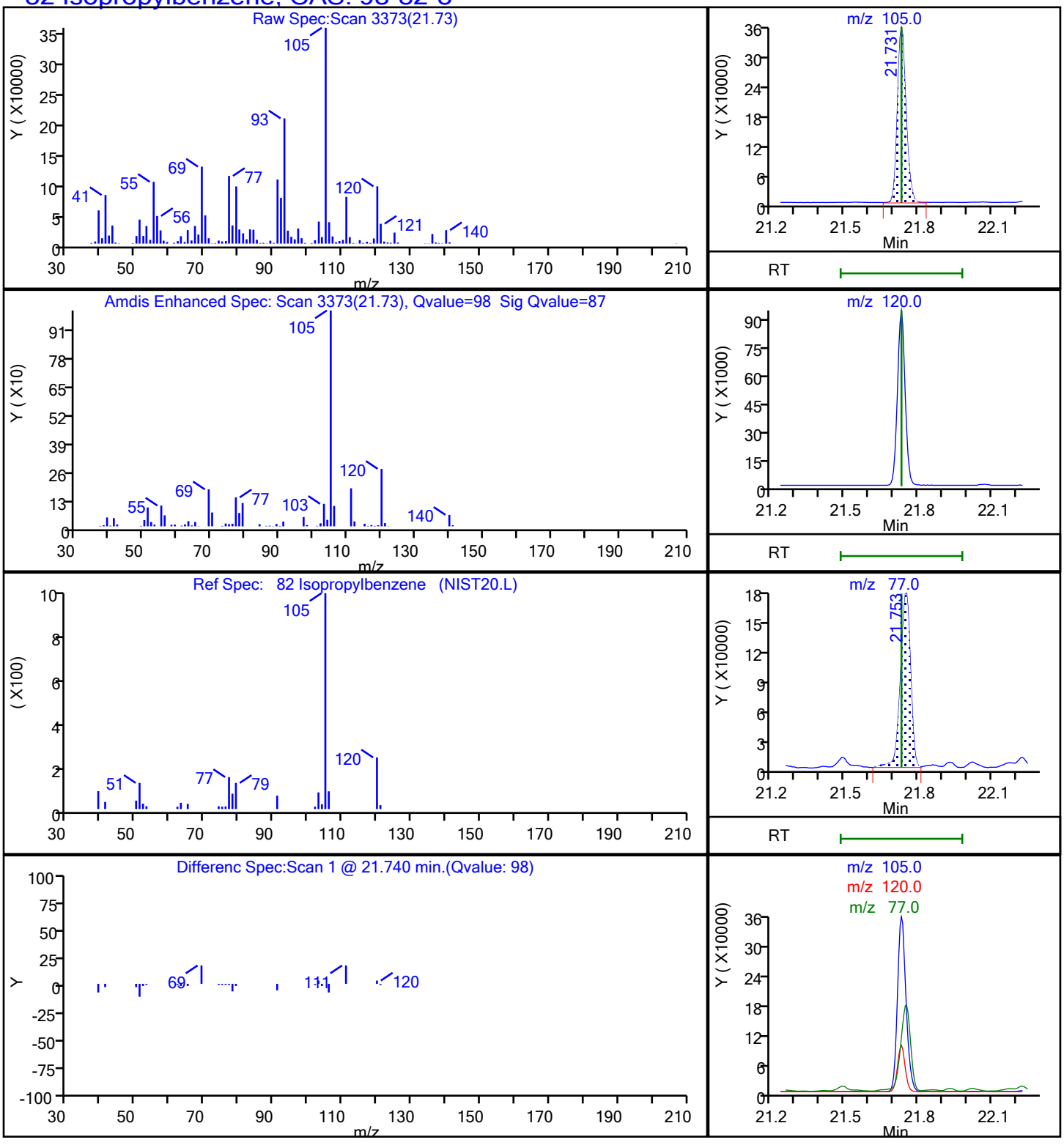
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d

Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8



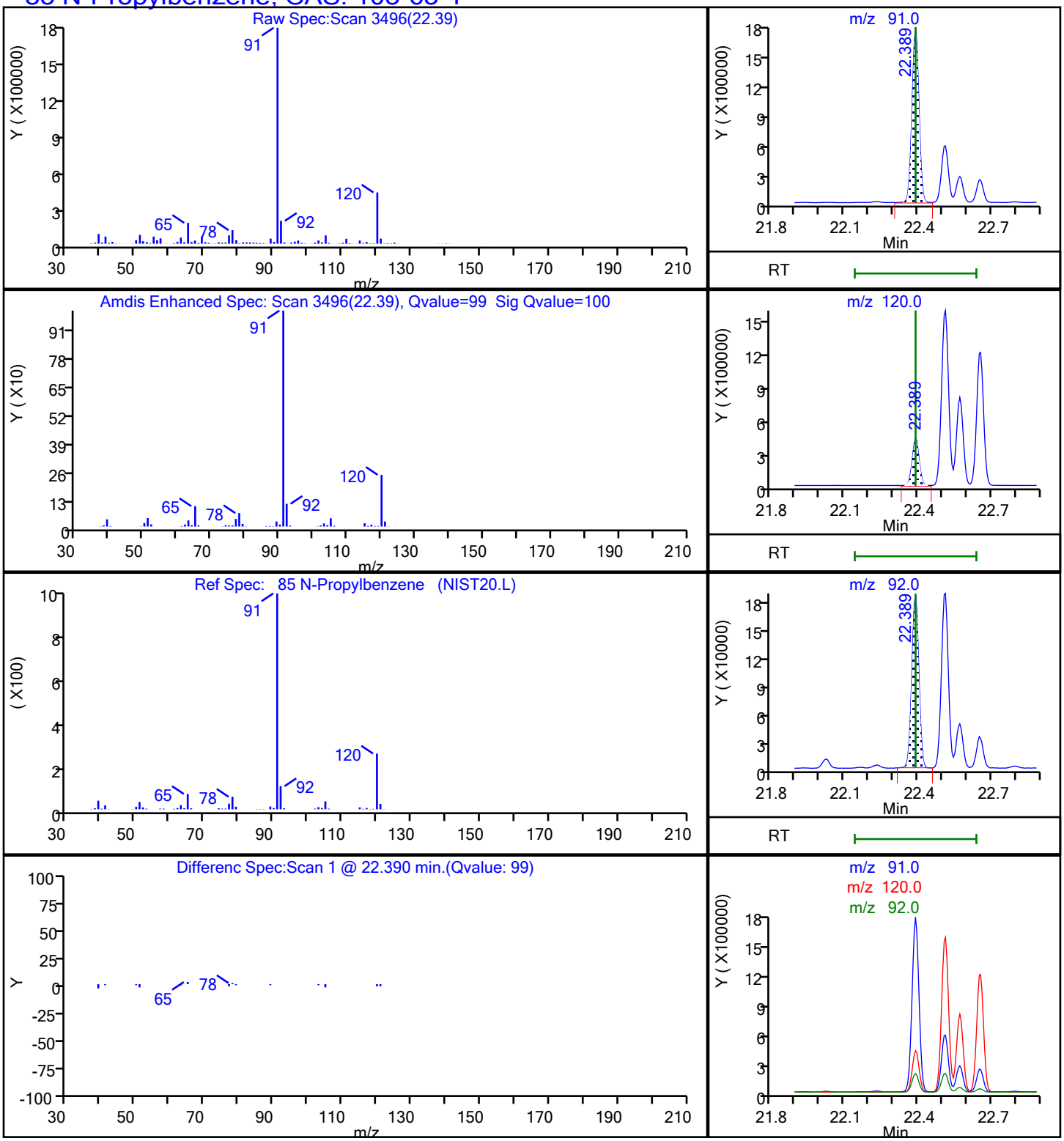
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d

Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 N-Propylbenzene, CAS: 103-65-1

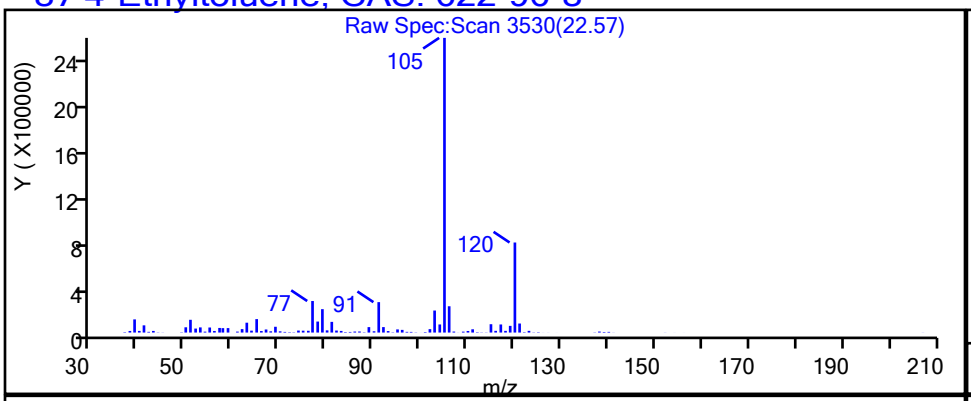


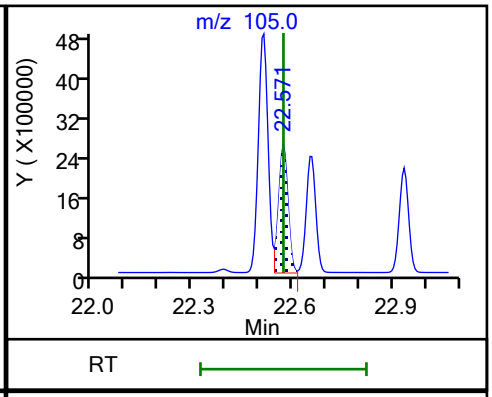
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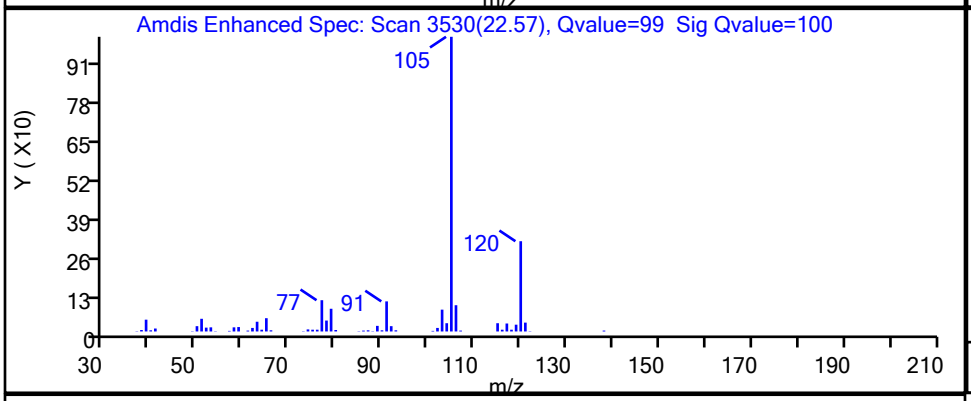
Eurofins Burlington

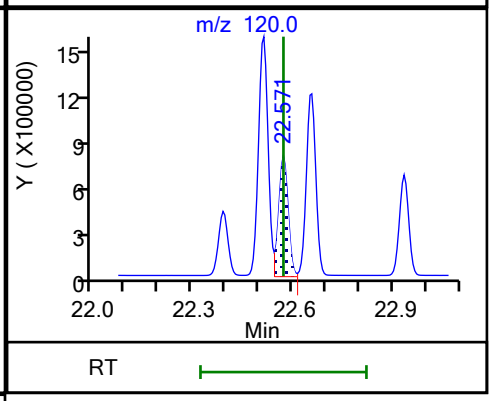
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Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

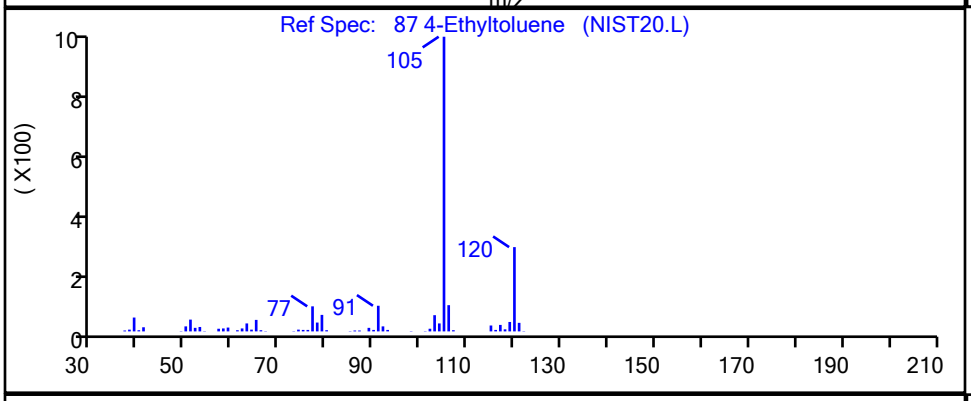
87 4-Ethyltoluene, CAS: 622-96-8

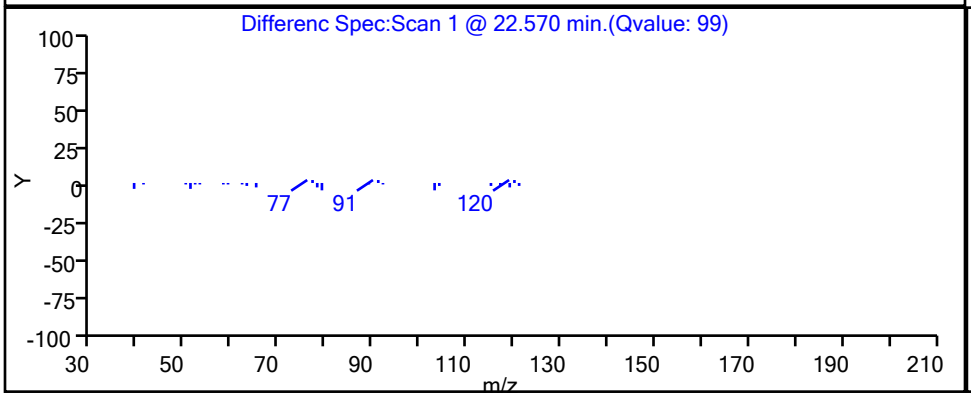


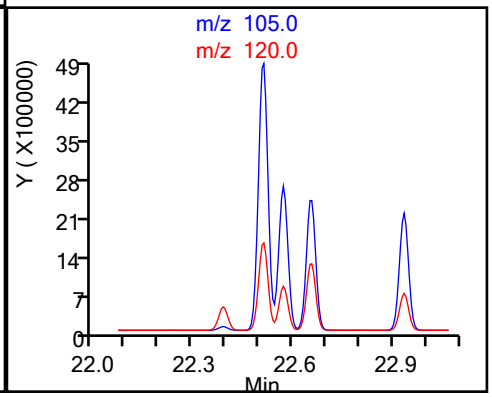












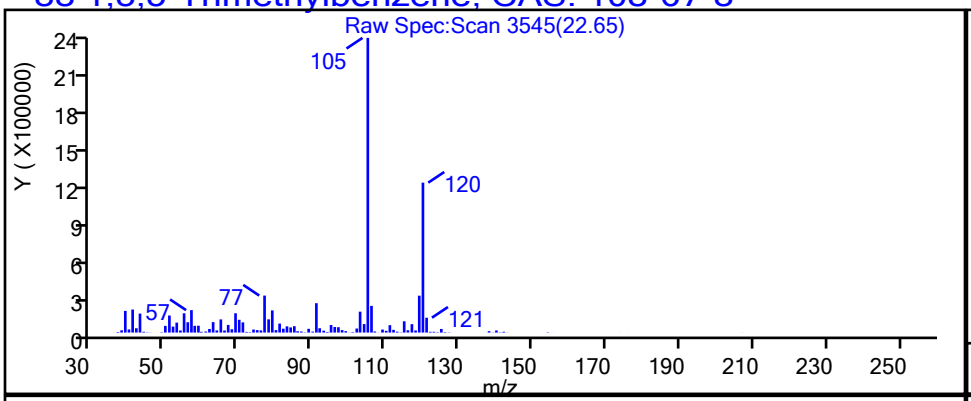
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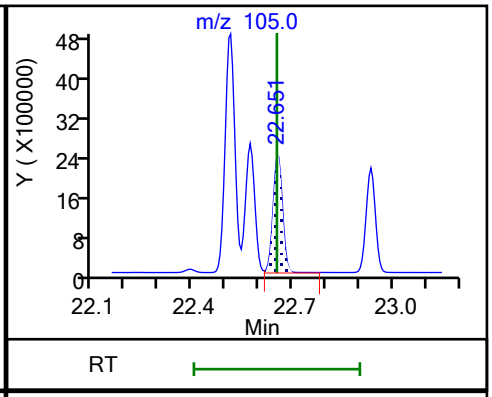
Eurofins Burlington

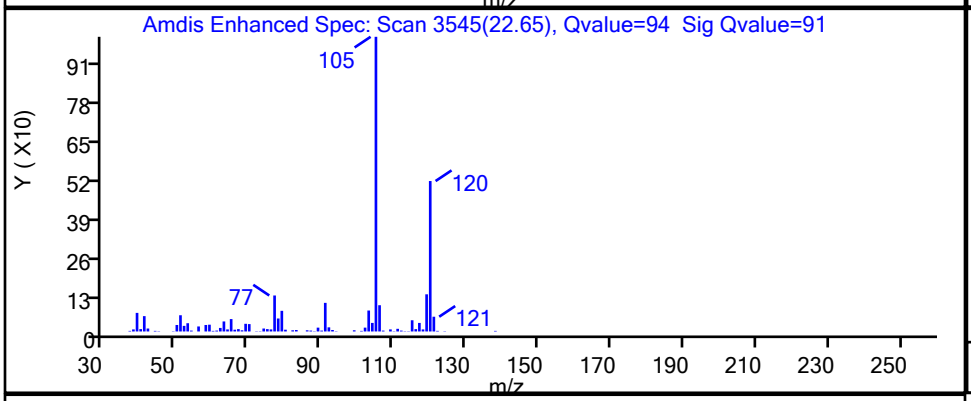
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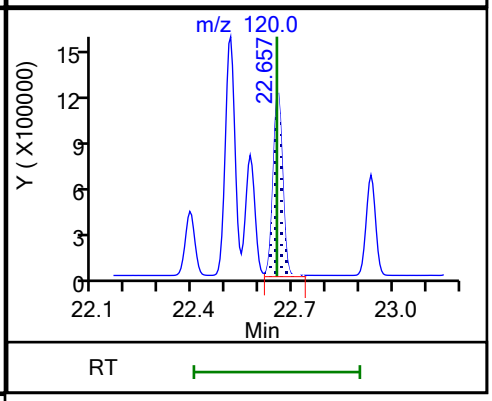
Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

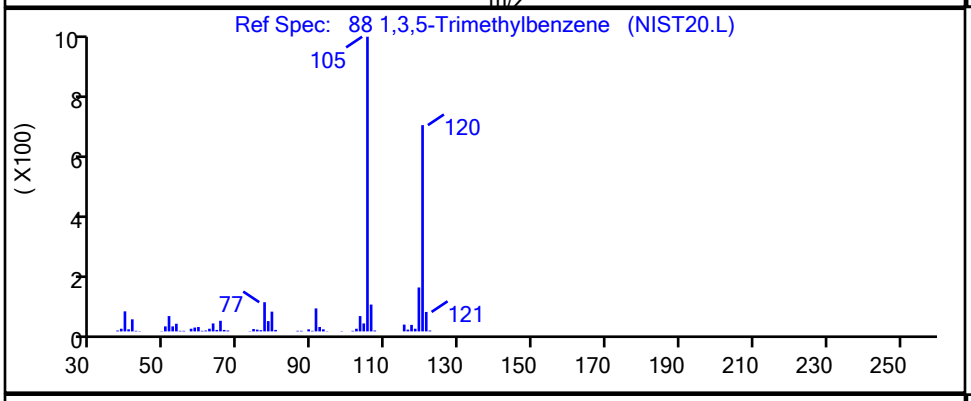
88 1,3,5-Trimethylbenzene, CAS: 108-67-8

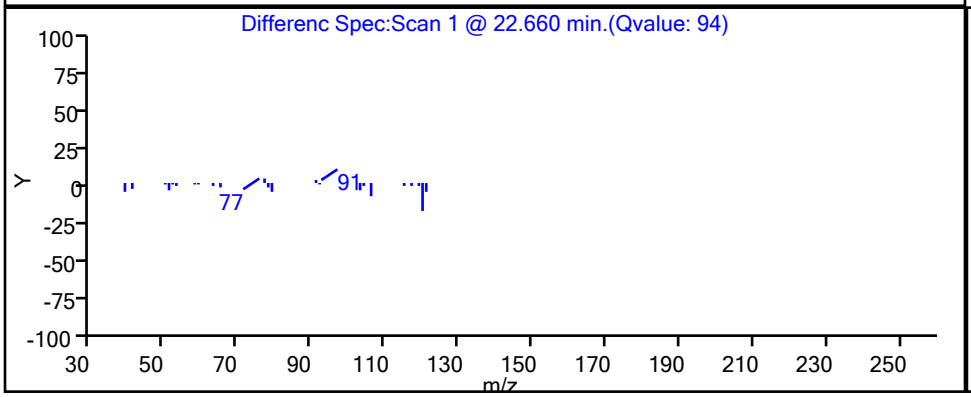


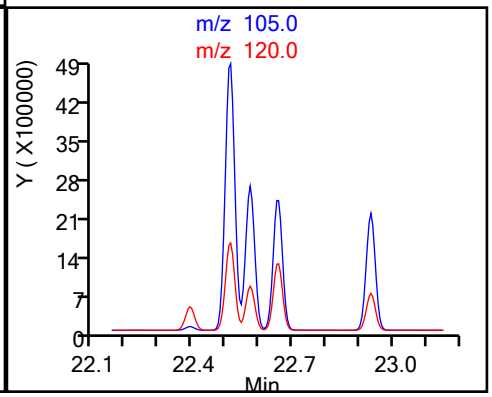












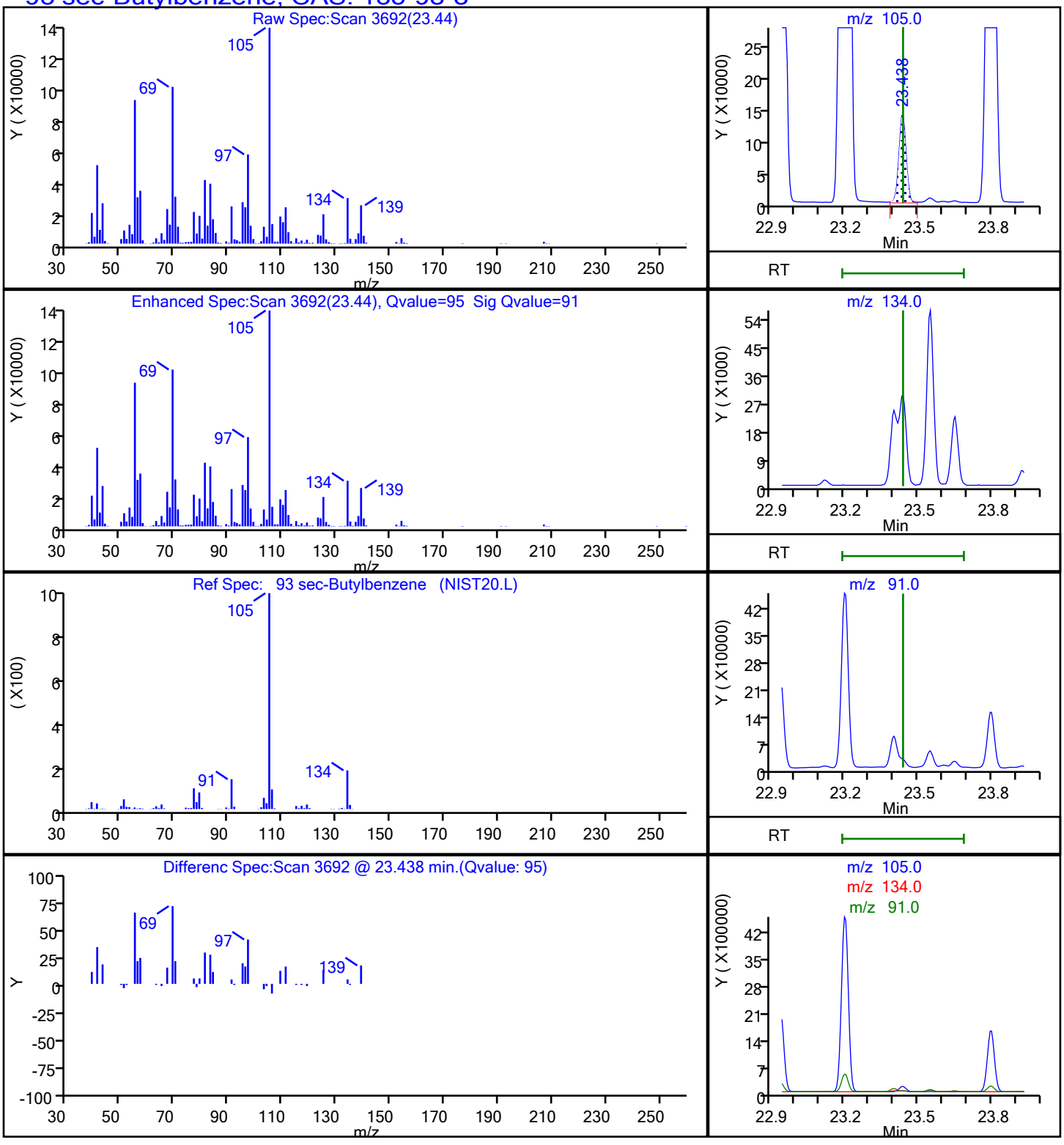
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d

Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

93 sec-Butylbenzene, CAS: 135-98-8



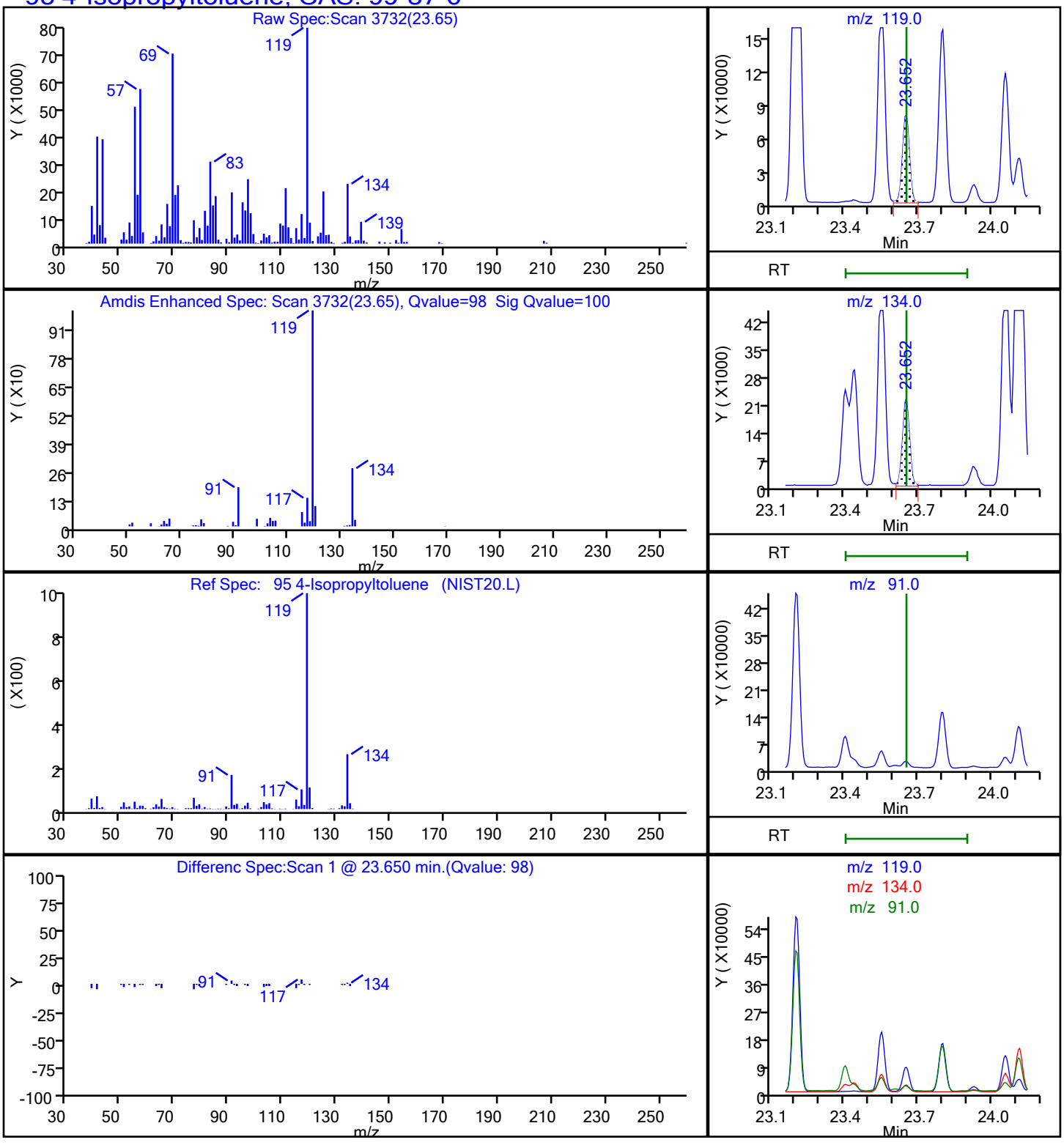
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d

Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



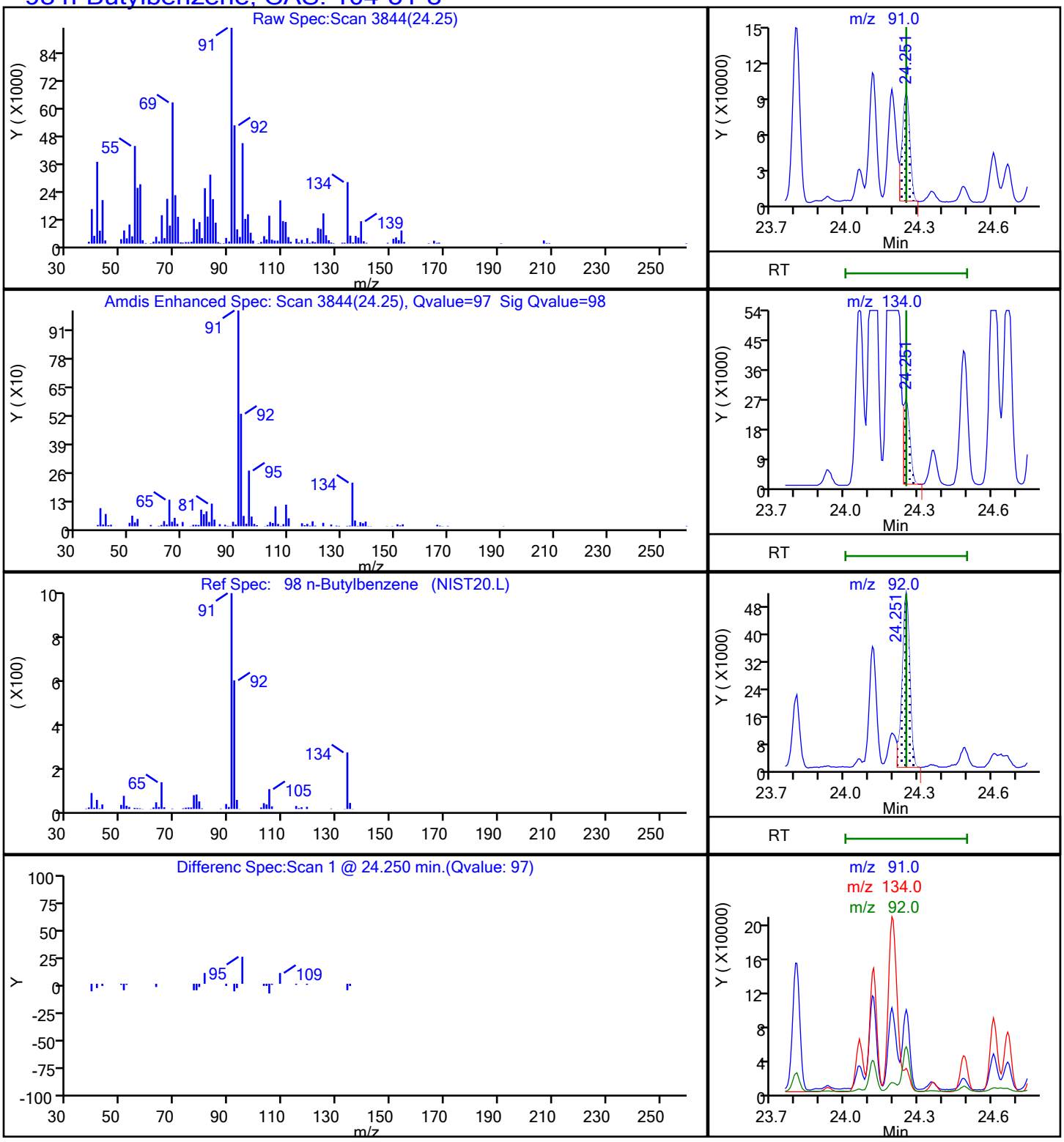
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d

Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

98 n-Butylbenzene, CAS: 104-51-8

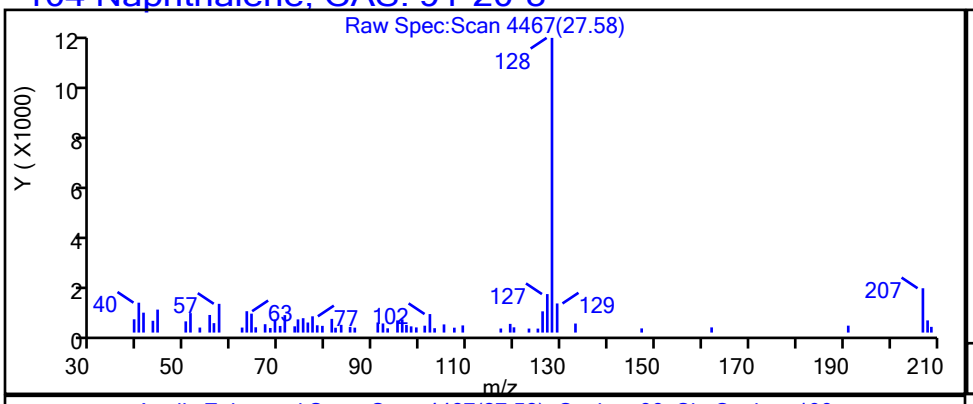


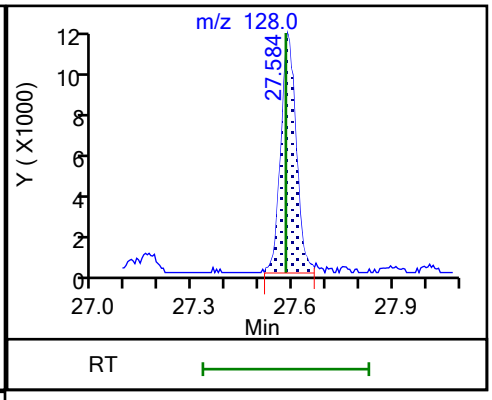
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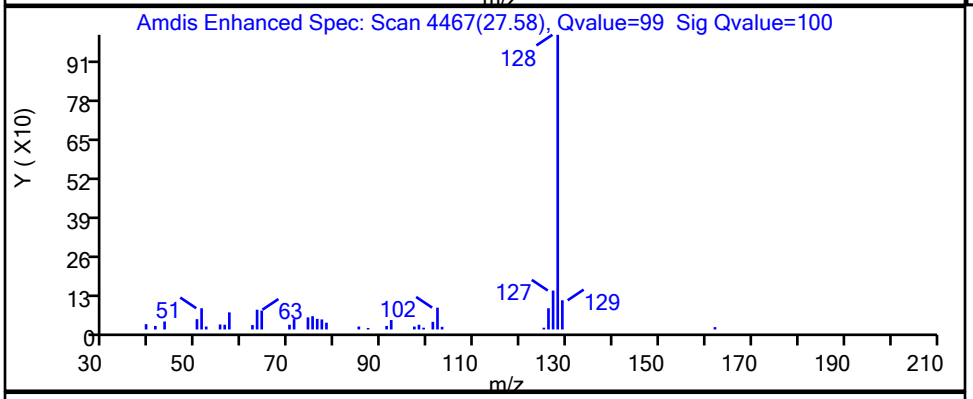
Eurofins Burlington

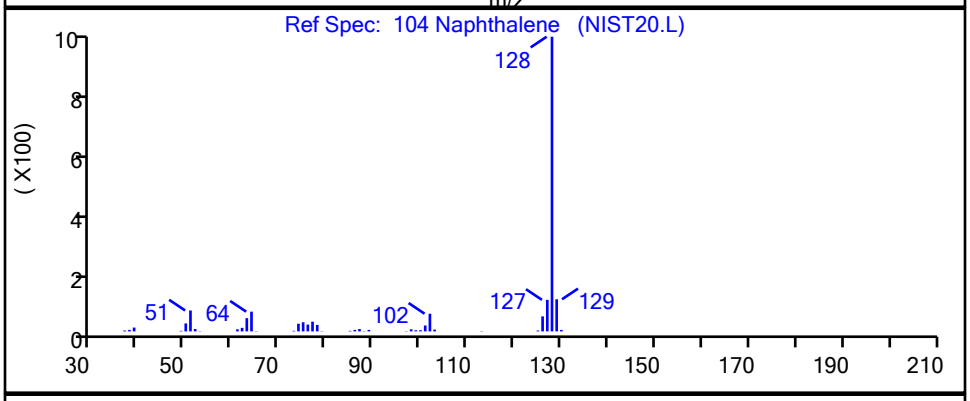
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d				
Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

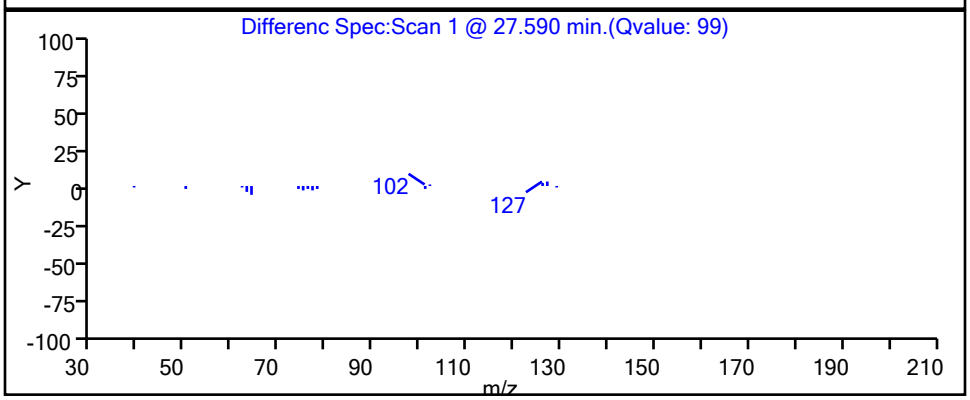
104 Naphthalene, CAS: 91-20-3











Manual Integration/User Assign Peak Report

Eurofins Burlington

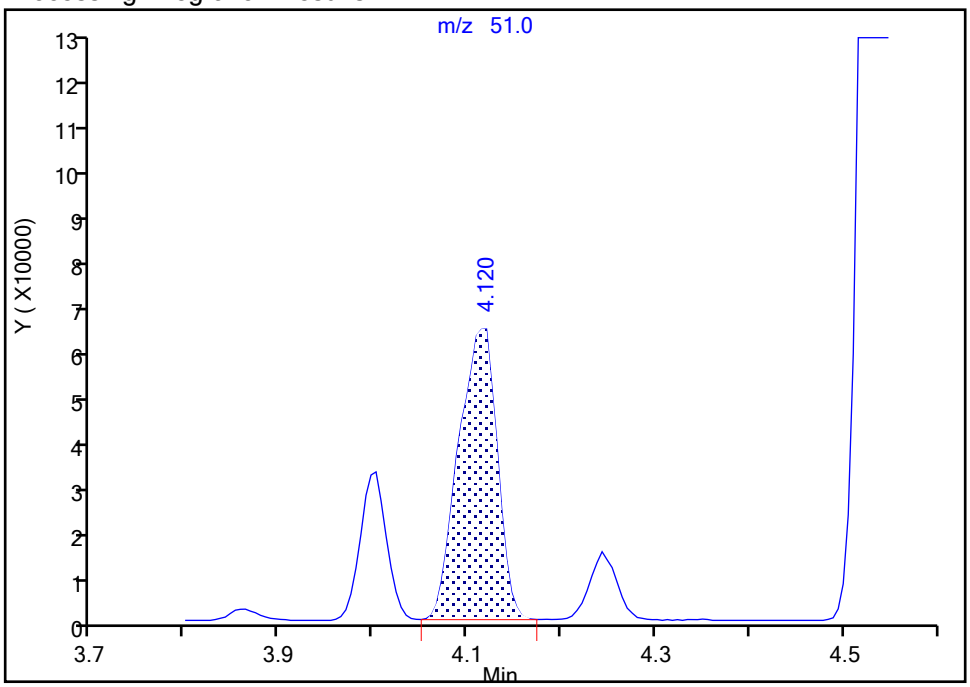
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Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

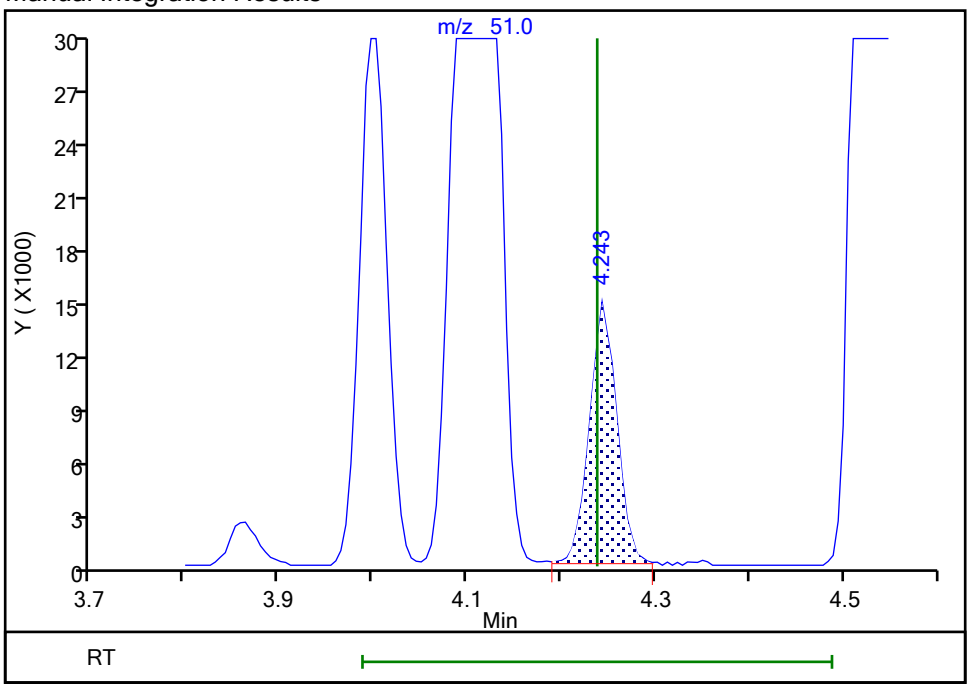
Processing Integration Results

RT: 4.12
Area: 176889
Amount: 4.322514
Amount Units: ppb v/v



Manual Integration Results

RT: 4.24
Area: 28875
Amount: 0.705598
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:17:59 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

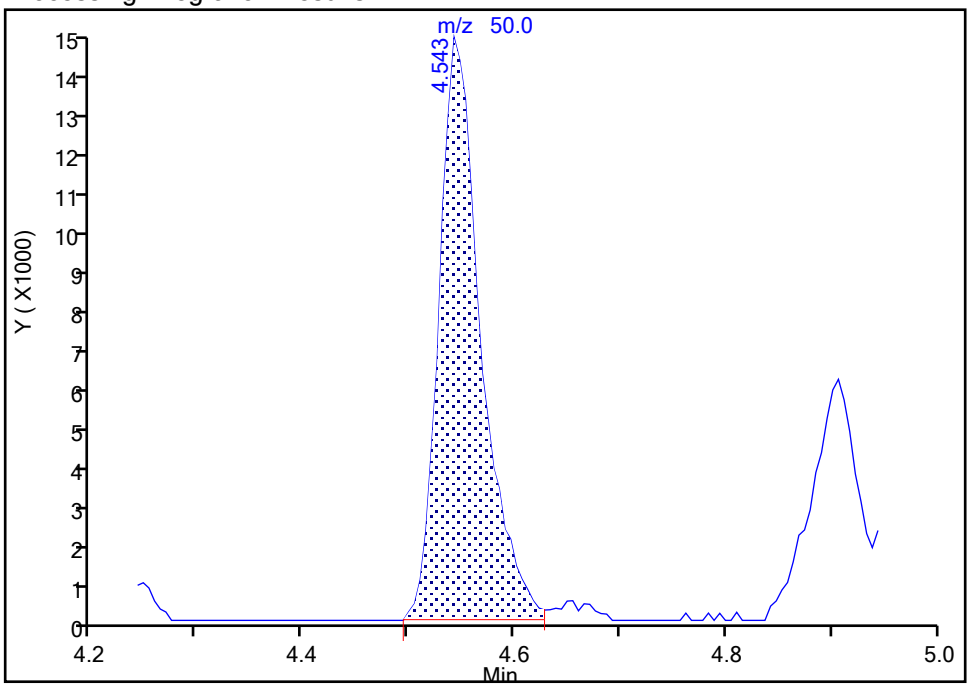
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Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

5 Chloromethane, CAS: 74-87-3

Signal: 1

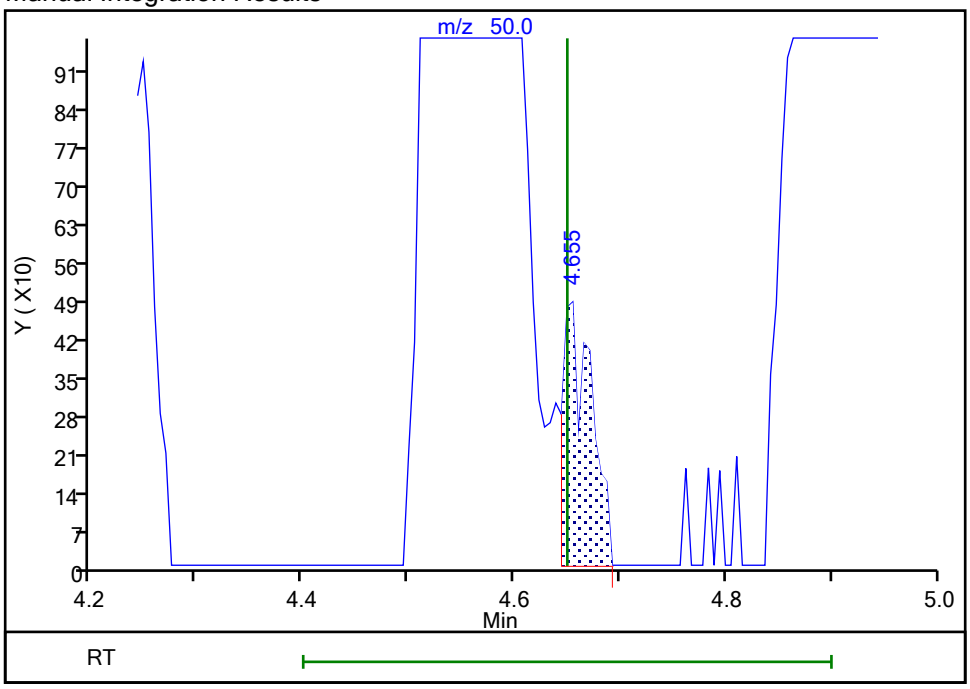
Processing Integration Results

RT: 4.54
Area: 39565
Amount: 1.598071
Amount Units: ppb v/v



Manual Integration Results

RT: 4.66
Area: 907
Amount: 0.036635
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:18:18 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

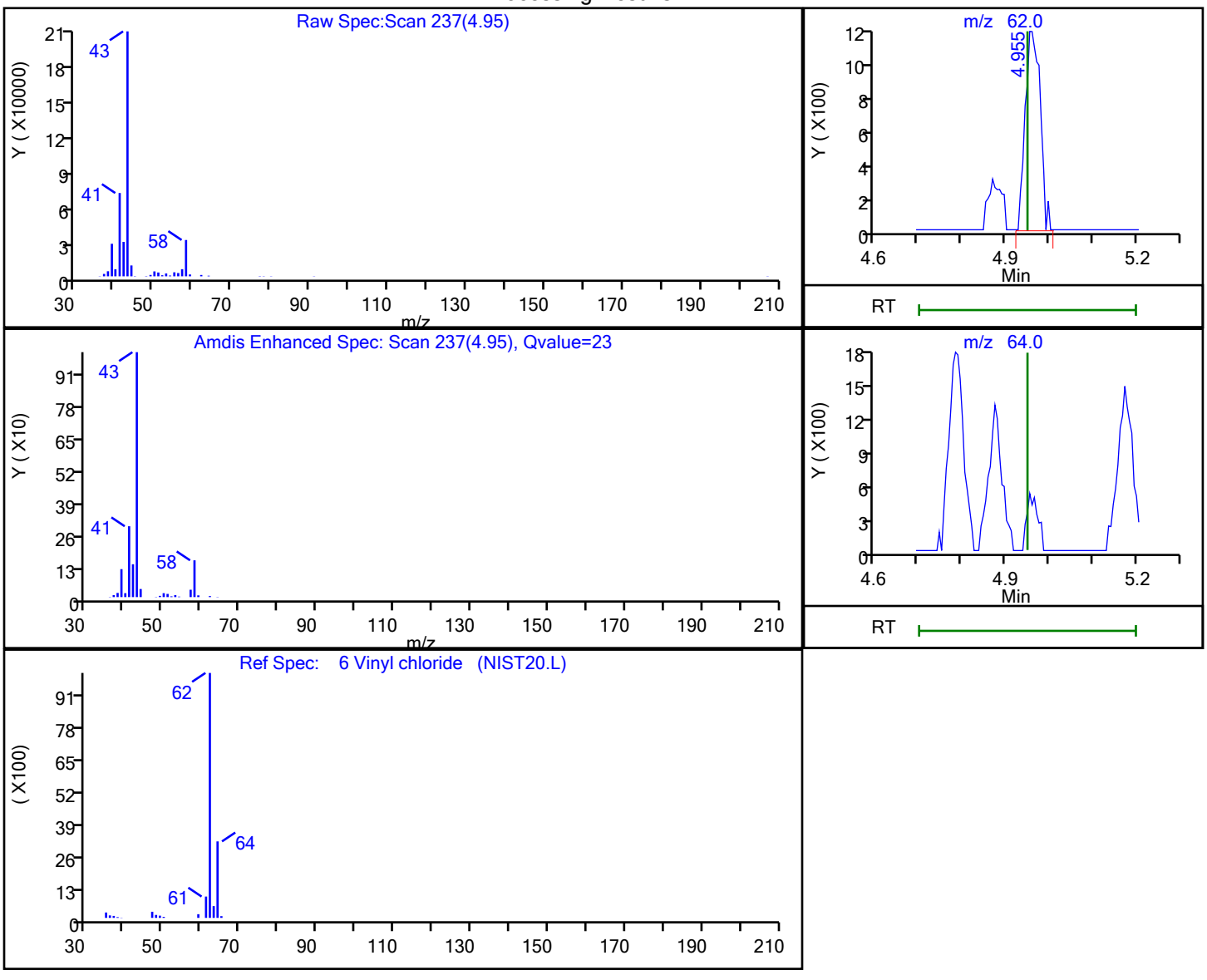
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d				
Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

6 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
4.95	62.00	2690	0.111098
4.95	64.00	0	

Reviewer: F7XK, 25-Jun-2025 11:18:38 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

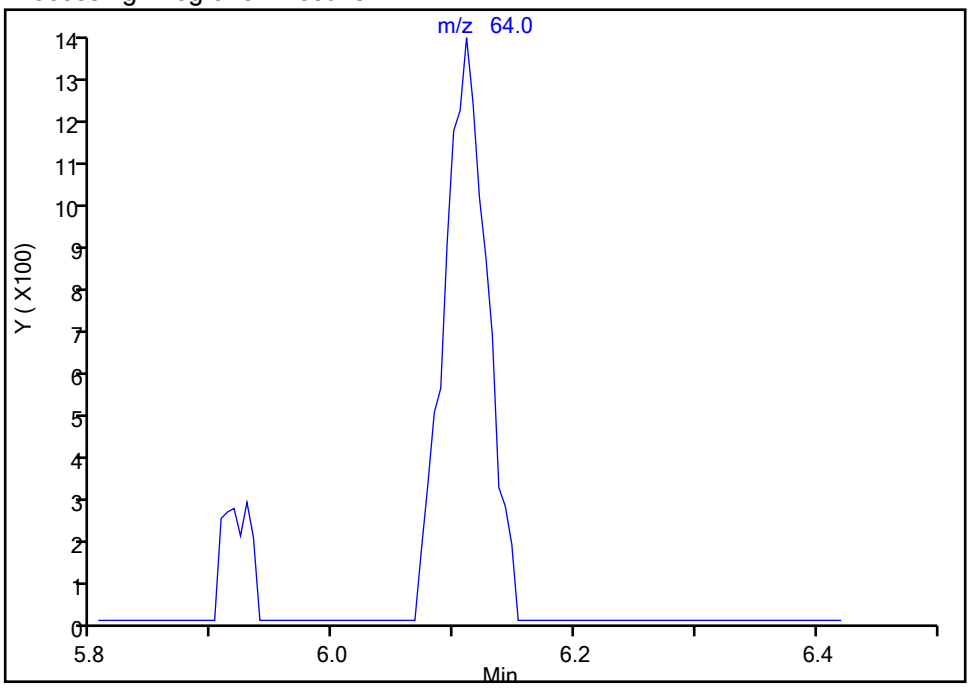
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Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

10 Chloroethane, CAS: 75-00-3

Signal: 1

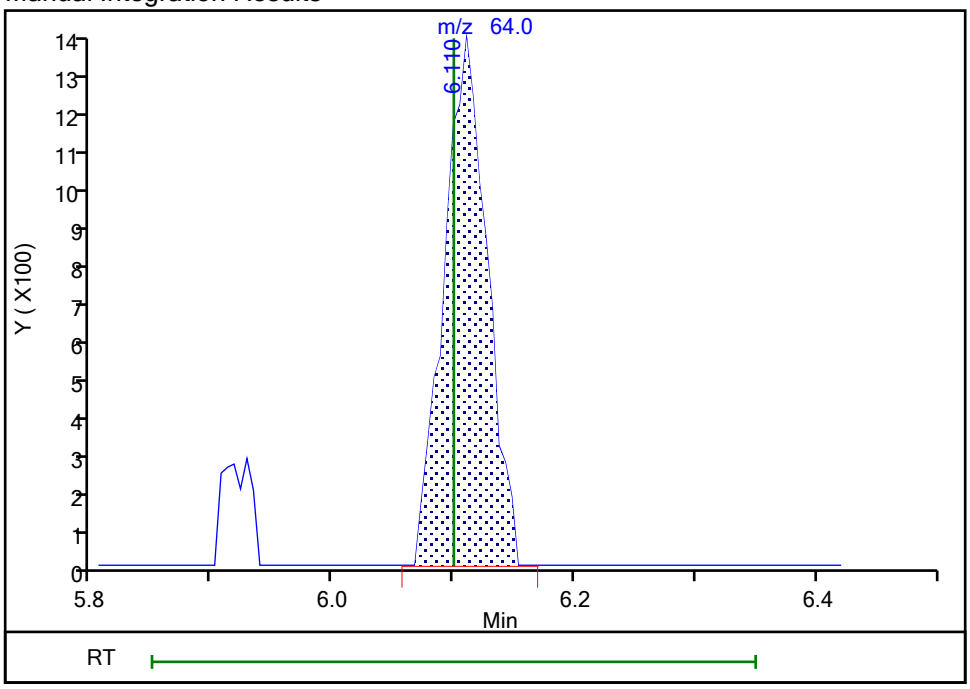
Not Detected
Expected RT: 6.10

Processing Integration Results



Manual Integration Results

RT: 6.11
Area: 3328
Amount: 0.199289
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:18:58 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

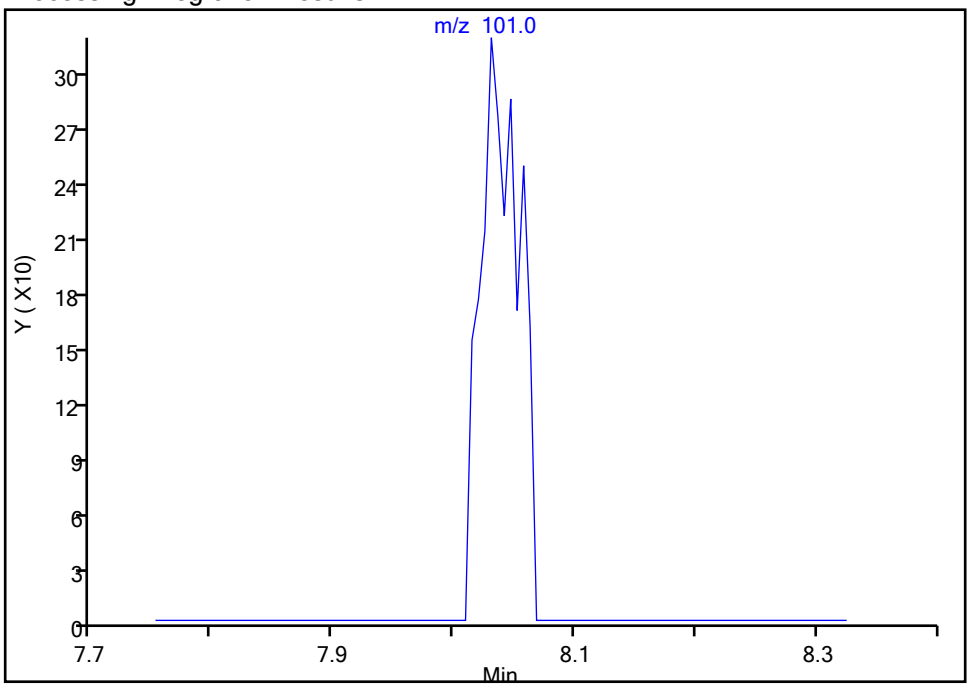
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d				
Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

21 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

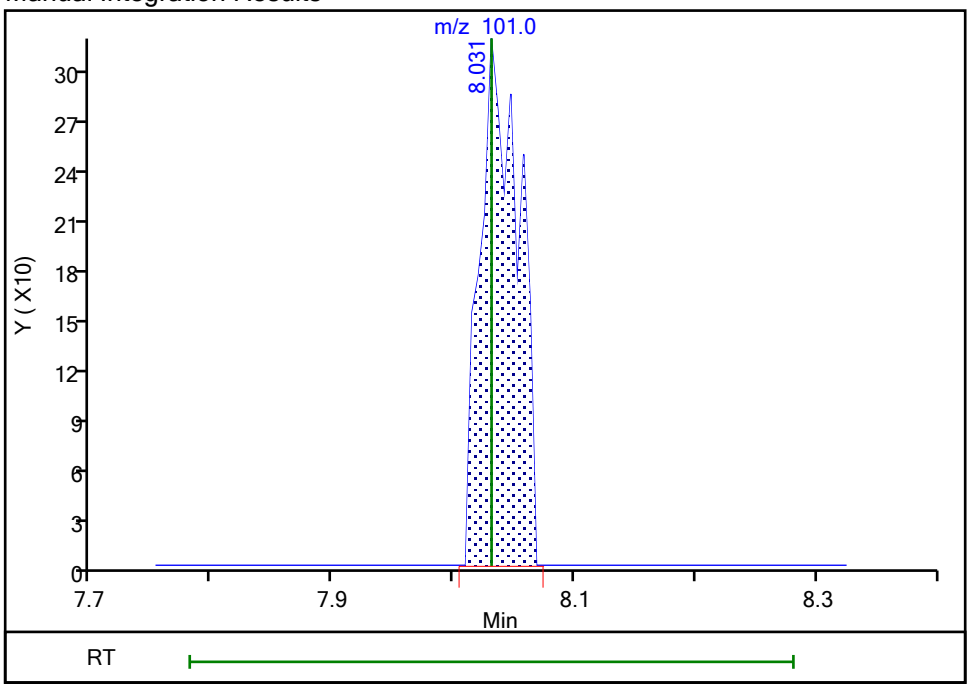
Not Detected
Expected RT: 8.03

Processing Integration Results



Manual Integration Results

RT: 8.03
Area: 703
Amount: 0.010305
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:19:18 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

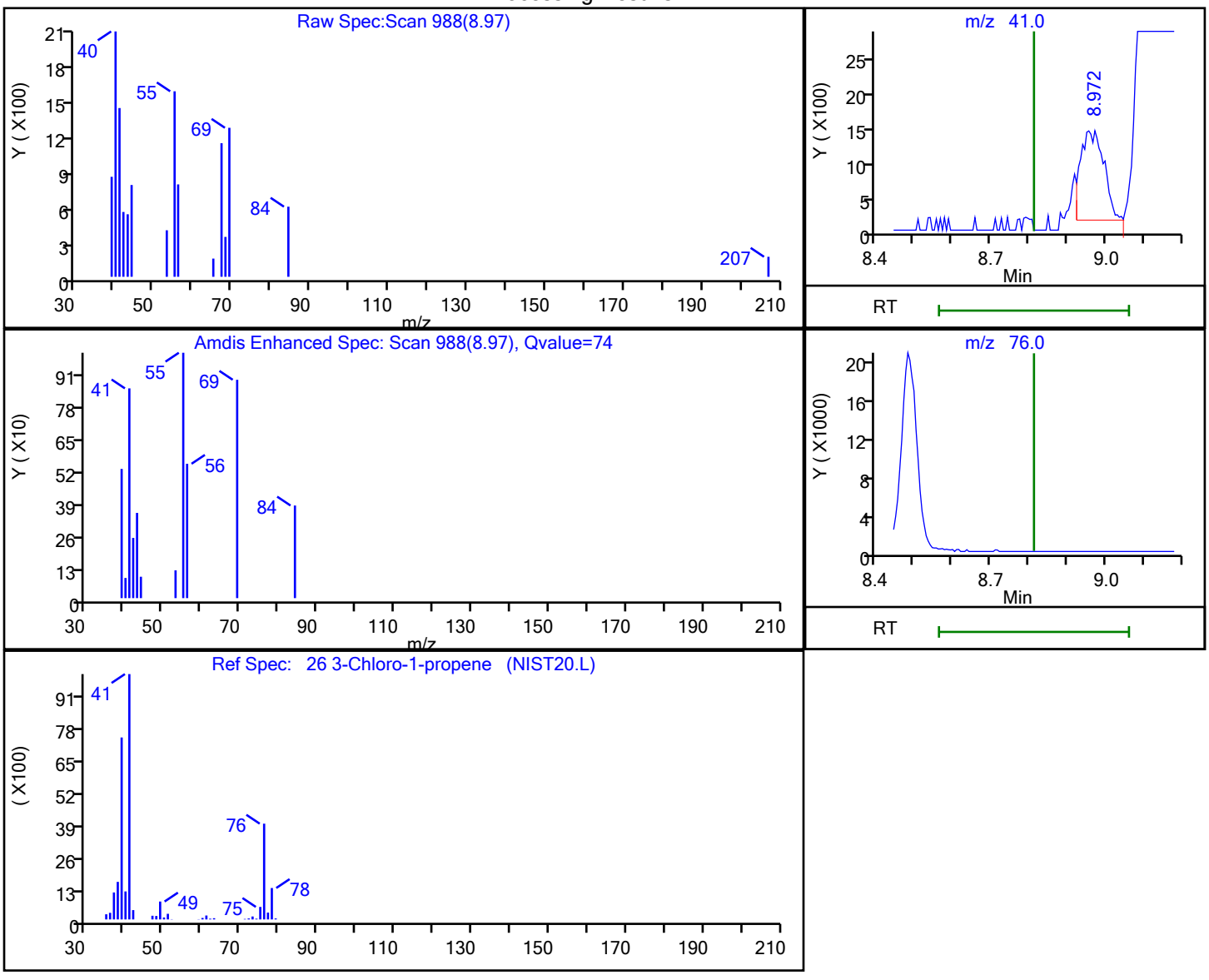
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d				
Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
8.97	41.00	5280	0.159872
8.81	76.00	0	

Reviewer: F7XK, 25-Jun-2025 11:19:42 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

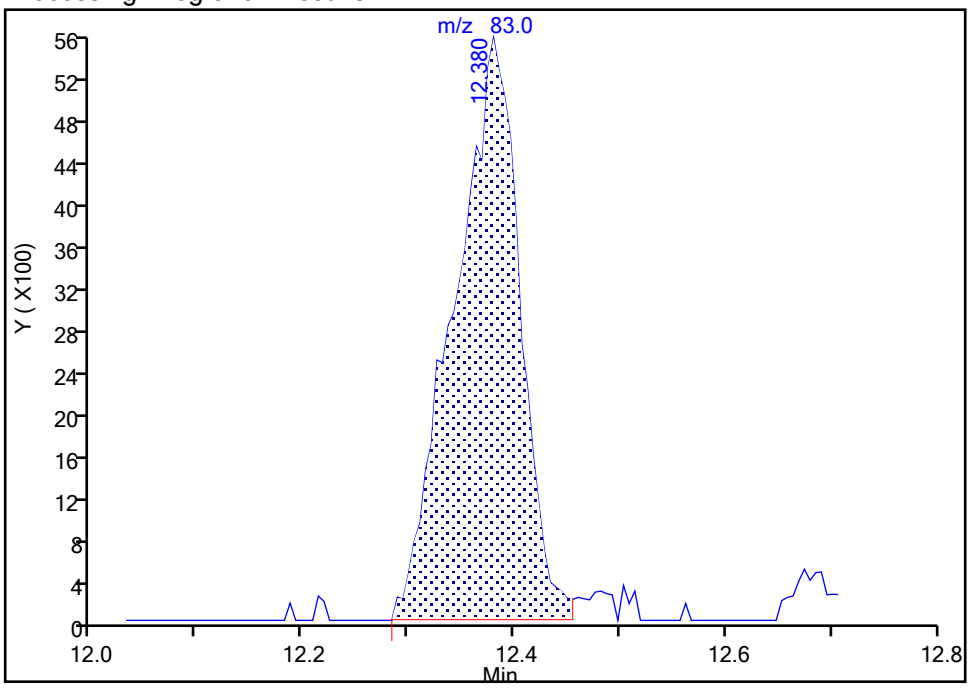
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Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

41 Chloroform, CAS: 67-66-3

Signal: 1

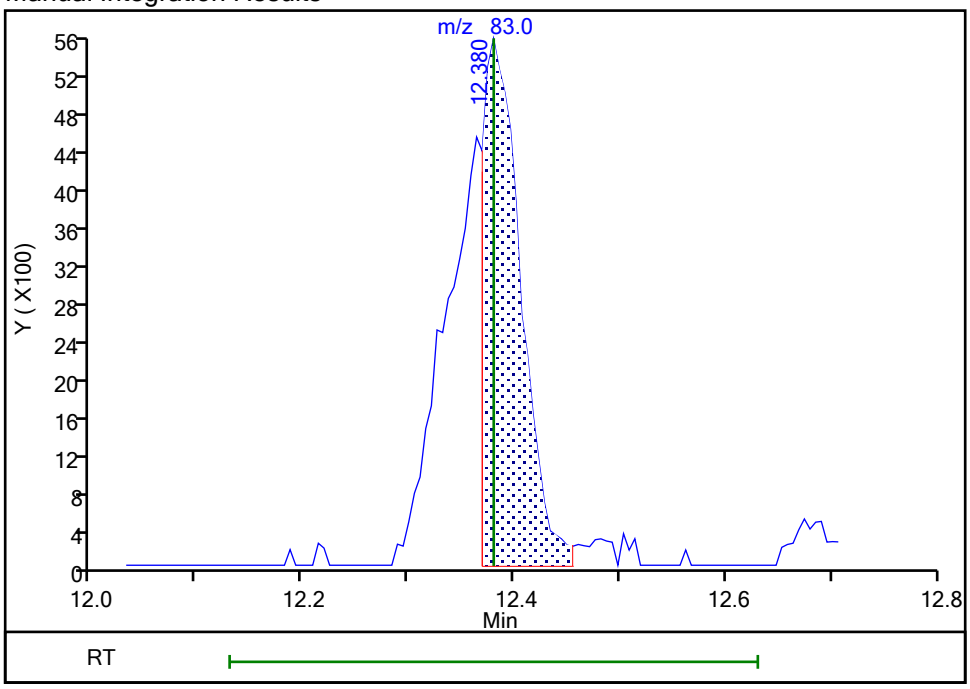
Processing Integration Results

RT: 12.38
Area: 24021
Amount: 0.370160
Amount Units: ppb v/v



Manual Integration Results

RT: 12.38
Area: 13868
Amount: 0.213704
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:21:25 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

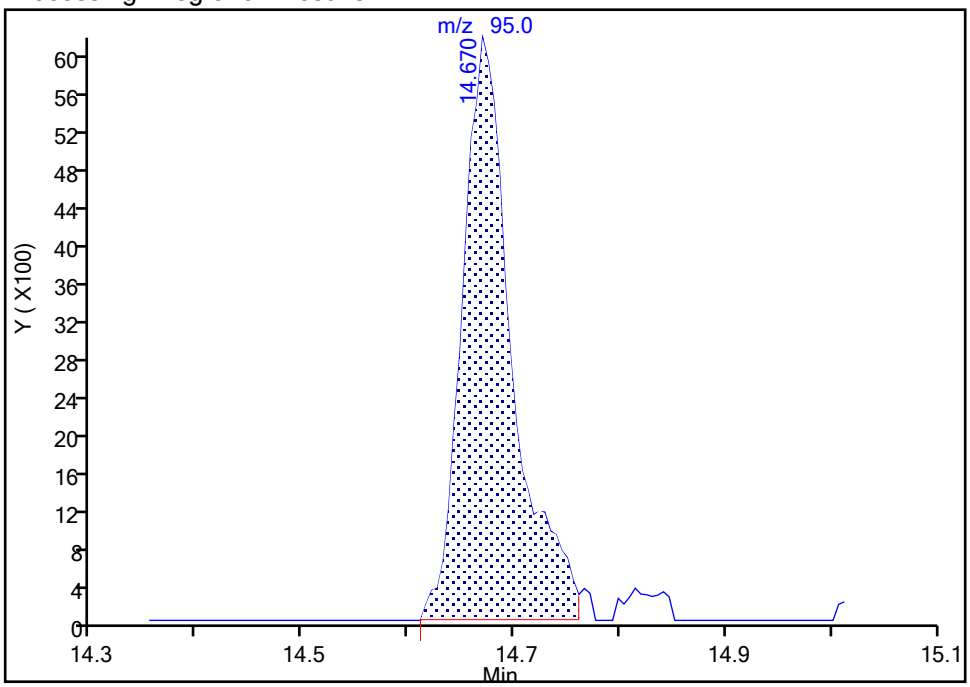
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d				
Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

51 Trichloroethene, CAS: 79-01-6

Signal: 1

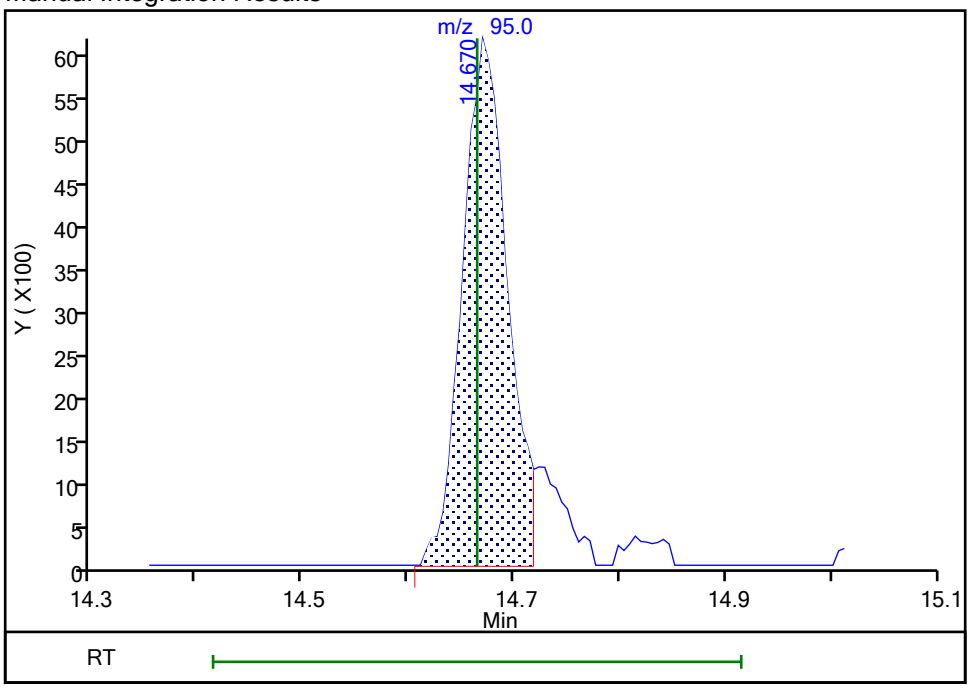
Processing Integration Results

RT: 14.67
Area: 20134
Amount: 0.413983
Amount Units: ppb v/v



Manual Integration Results

RT: 14.67
Area: 18143
Amount: 0.373045
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:22:19 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

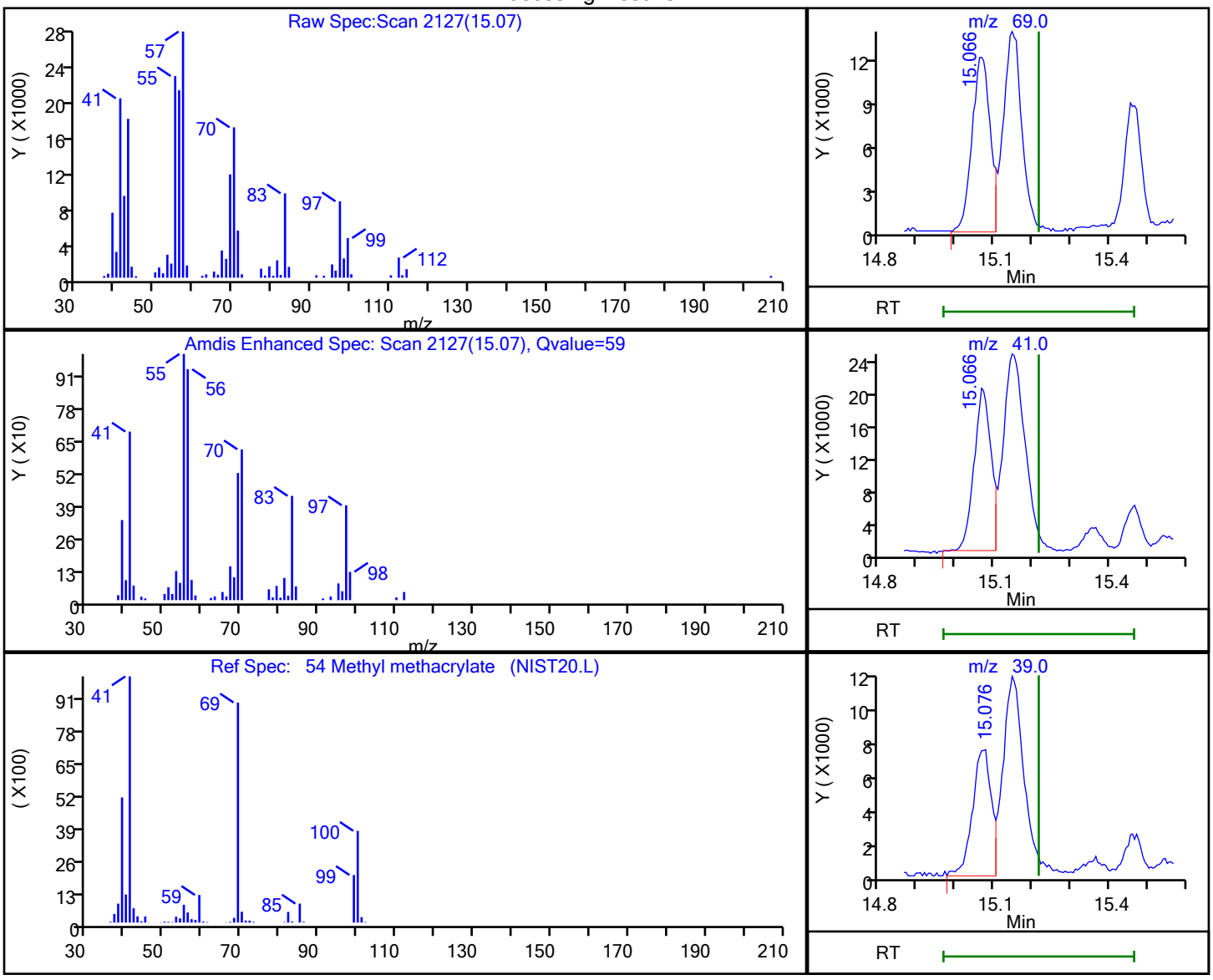
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d				
Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

54 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
15.07	69.00	38853	1.107176
15.07	41.00	62621	
15.08	39.00	25788	

Reviewer: F7XK, 25-Jun-2025 11:22:43 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

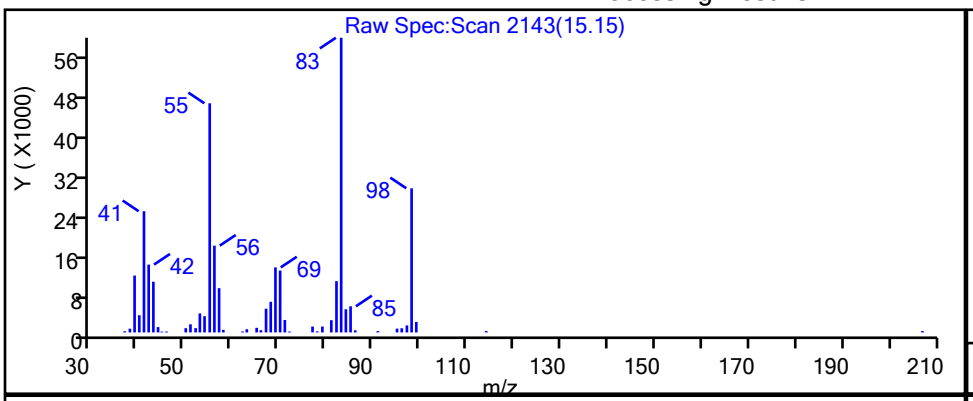
User Disabled Compound Report

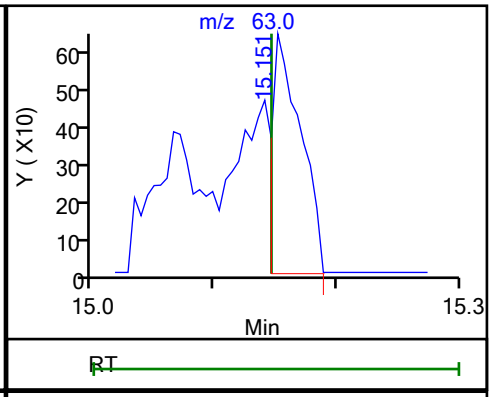
Eurofins Burlington

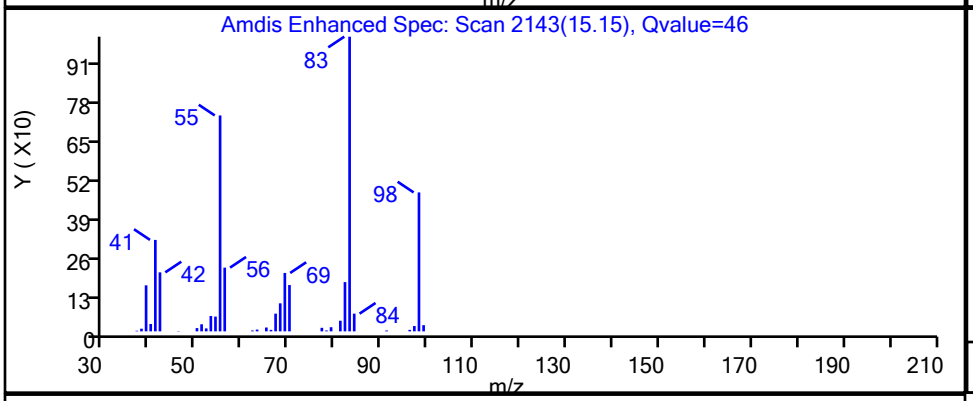
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Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

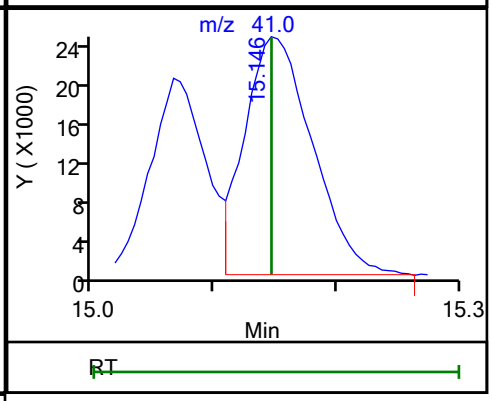
53 1,2-Dichloropropane, CAS: 78-87-5

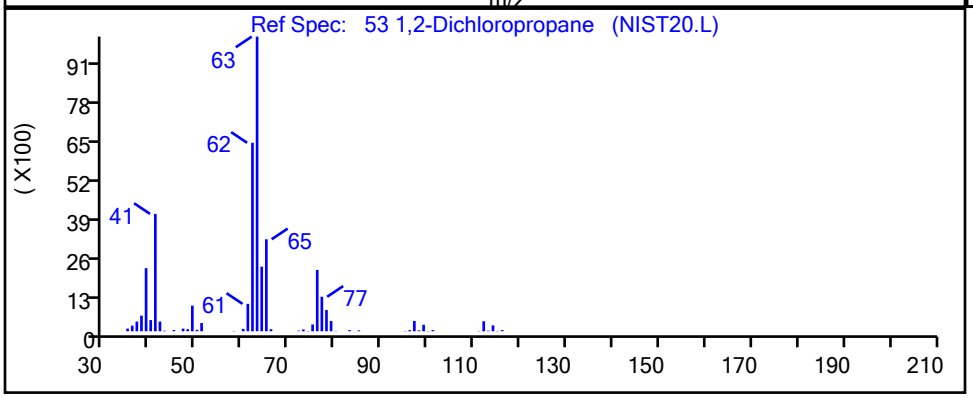
Processing Results











RT	Mass	Response	Amount
15.15	63.00	1047	0.027103
15.15	41.00	95518	

Reviewer: F7XK, 25-Jun-2025 11:22:38 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

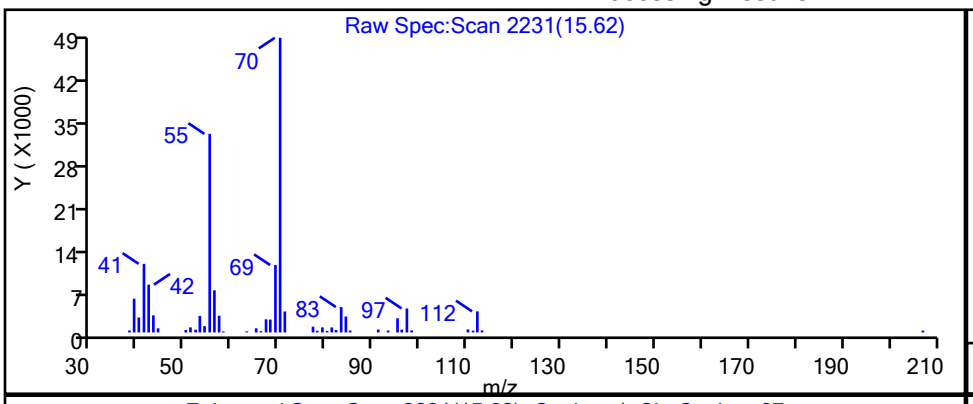
User Disabled Compound Report

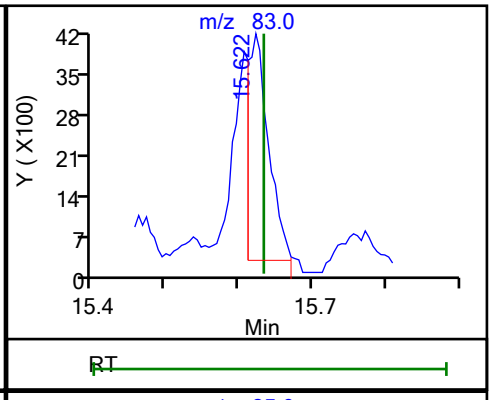
Eurofins Burlington

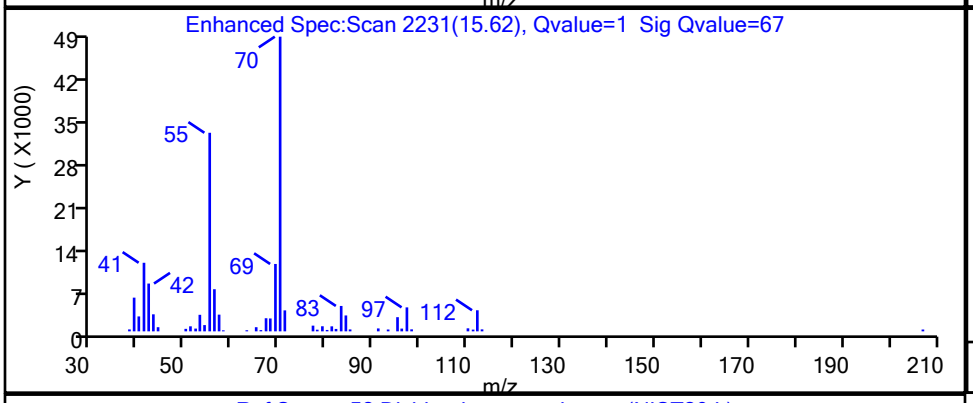
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d				
Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

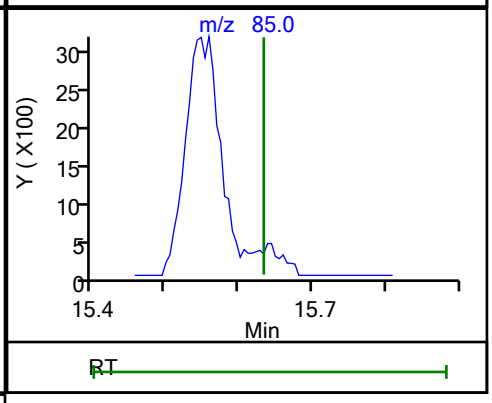
58 Dichlorobromomethane, CAS: 75-27-4

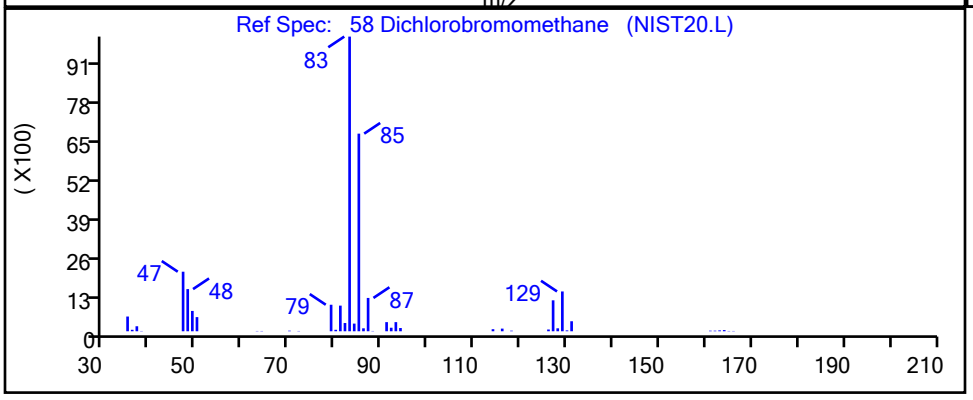
Processing Results











RT	Mass	Response	Amount
15.62	83.00	7573	0.109235
15.63	85.00	0	

Reviewer: F7XK, 25-Jun-2025 11:23:06 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

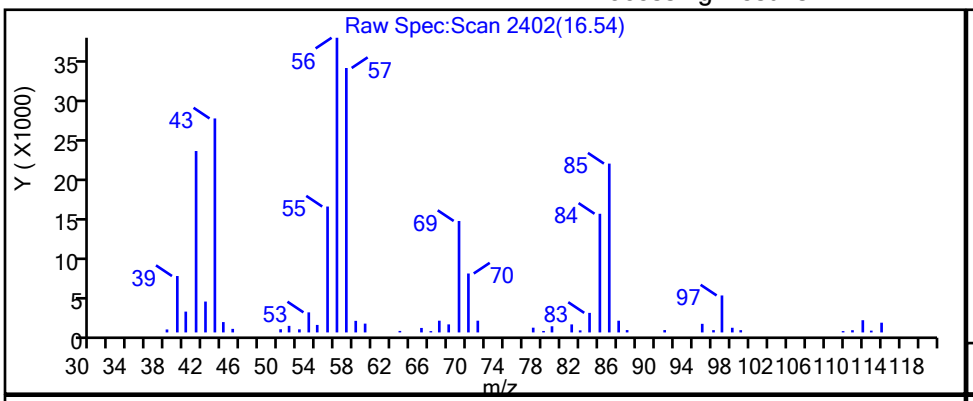
User Disabled Compound Report

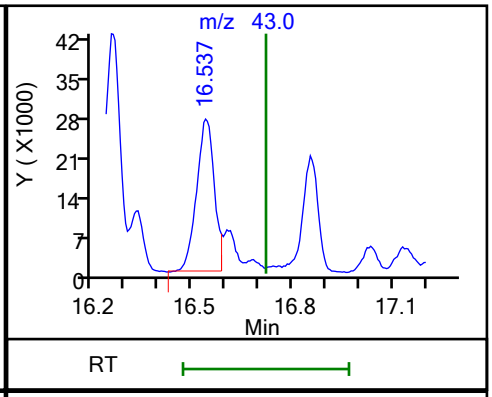
Eurofins Burlington

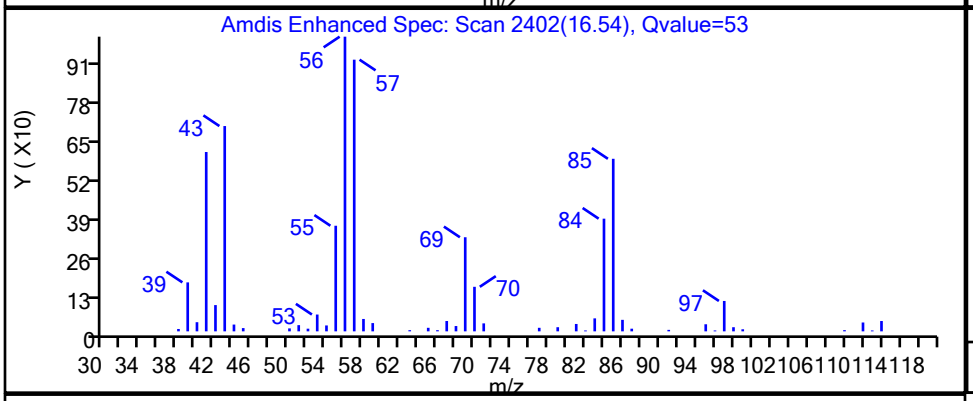
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d				
Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

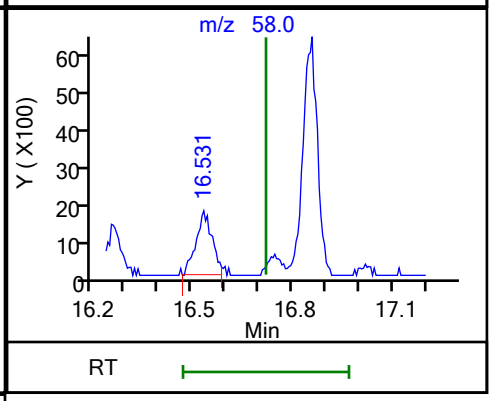
61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

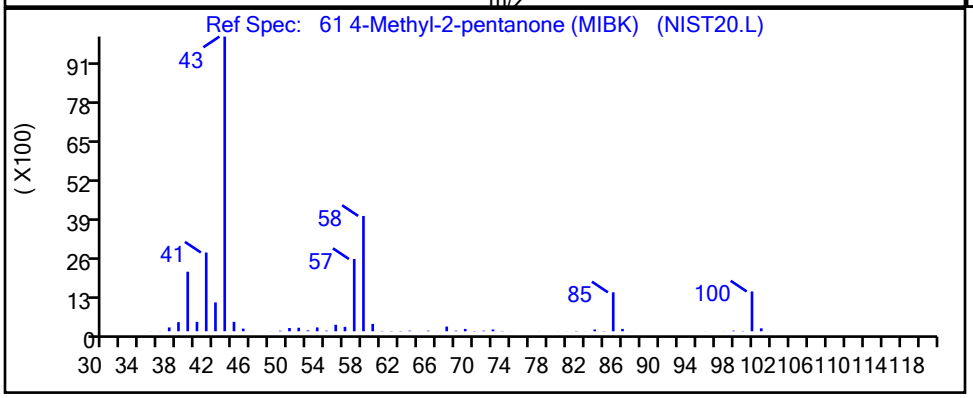
Processing Results











RT	Mass	Response	Amount
16.54	43.00	100422	1.632833
16.53	58.00	5872	

Reviewer: F7XK, 25-Jun-2025 11:23:12 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

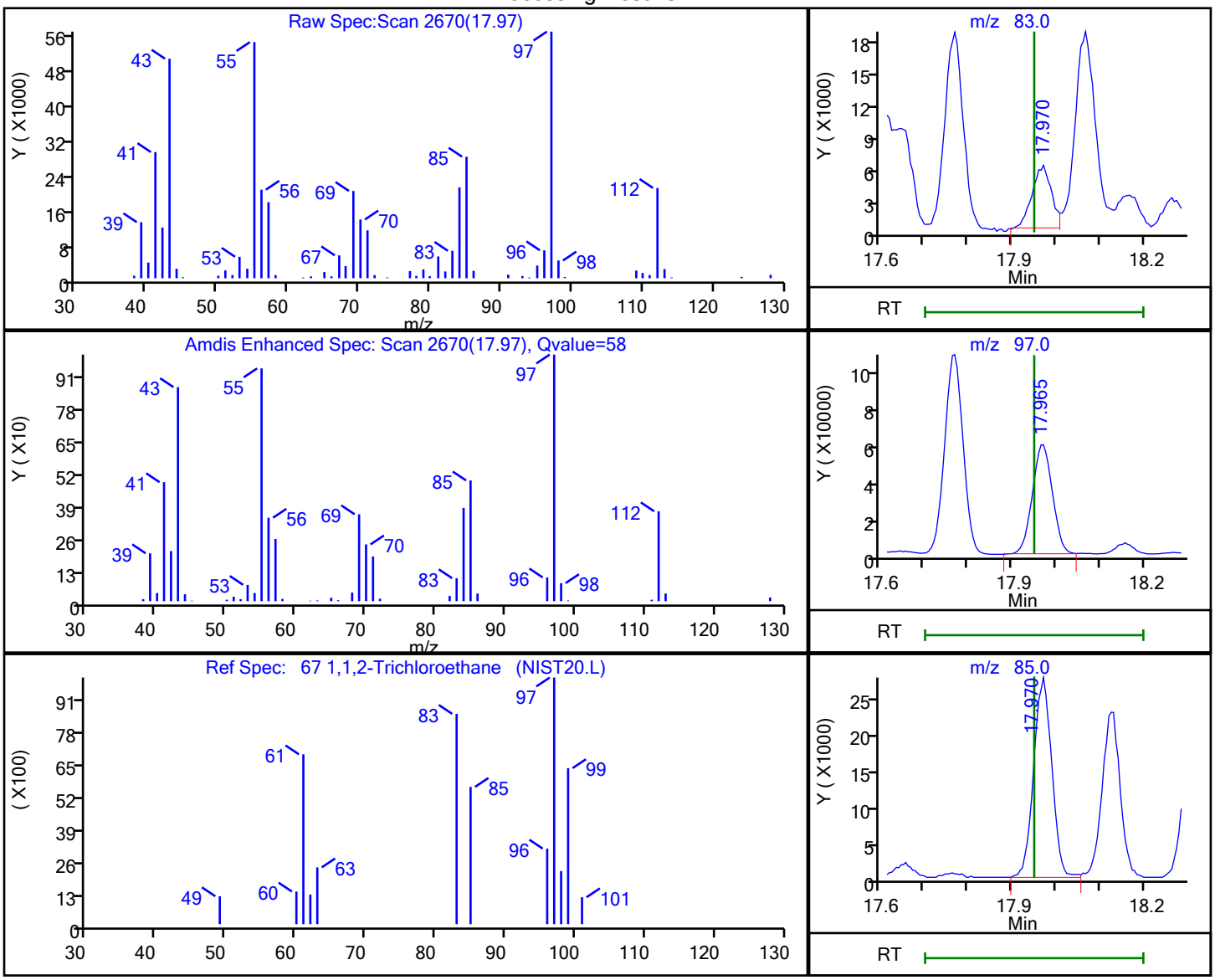
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d				
Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	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
17.97	83.00	18820	0.493904
17.97	97.00	181731	
17.97	85.00	80299	

Reviewer: F7XK, 25-Jun-2025 11:23:25 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

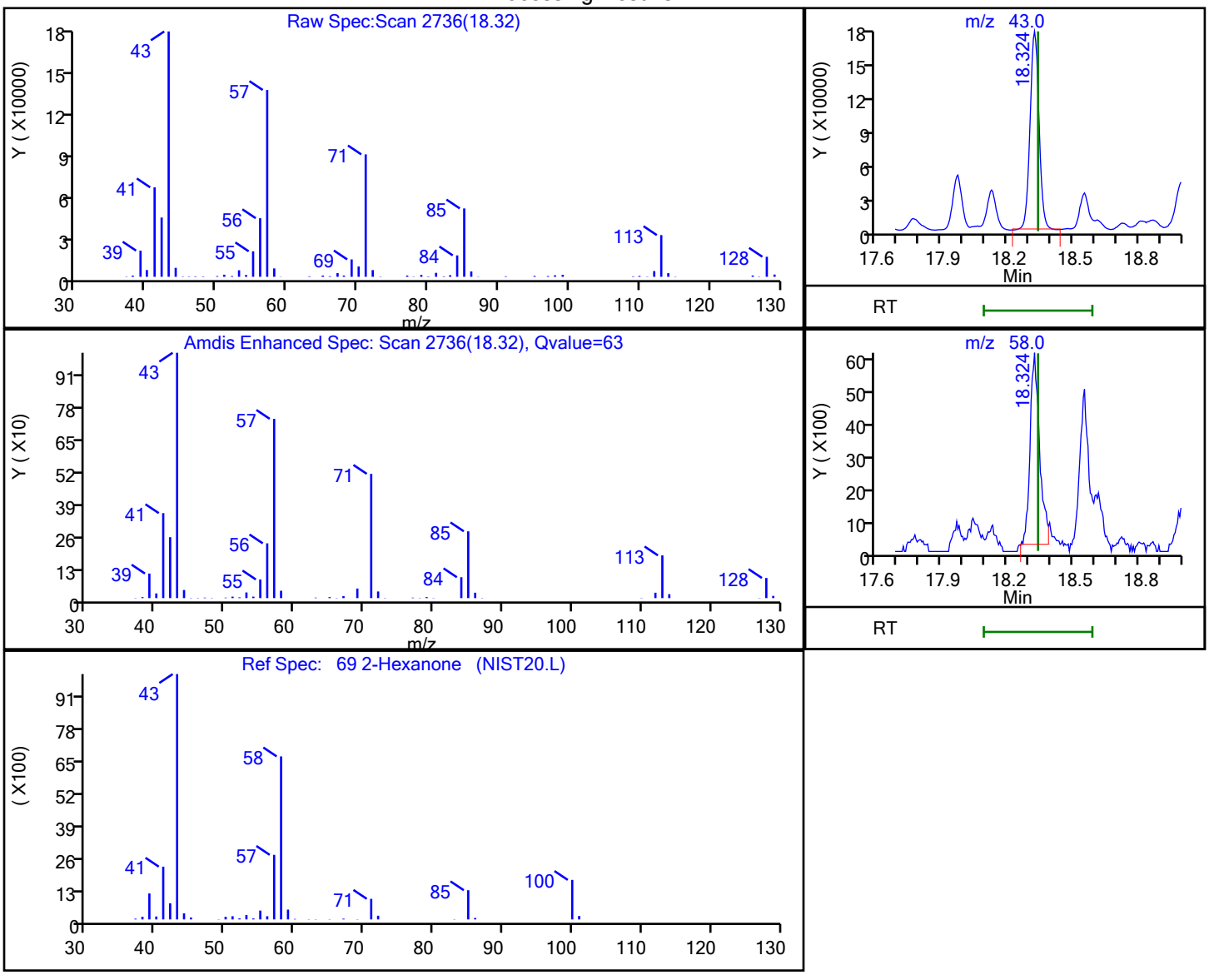
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d				
Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	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
18.32	43.00	520097	8.752801
18.32	58.00	18162	

Reviewer: F7XK, 25-Jun-2025 11:23:34 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

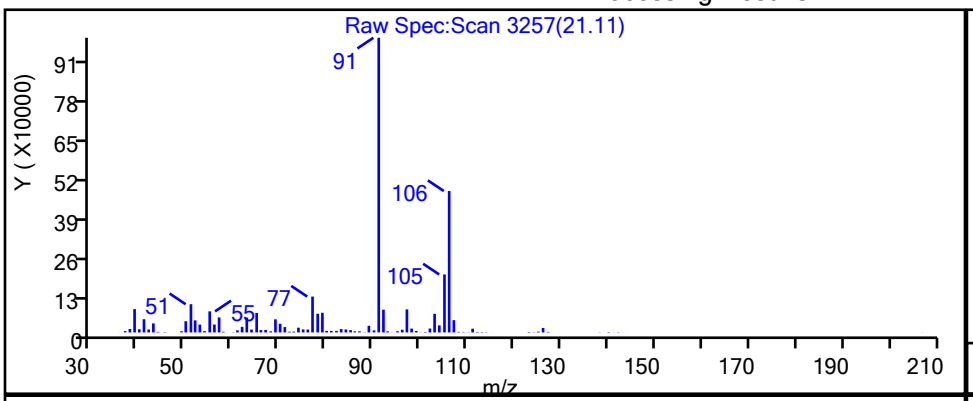
User Disabled Compound Report

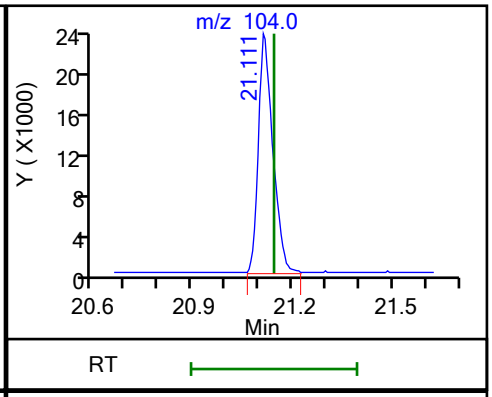
Eurofins Burlington

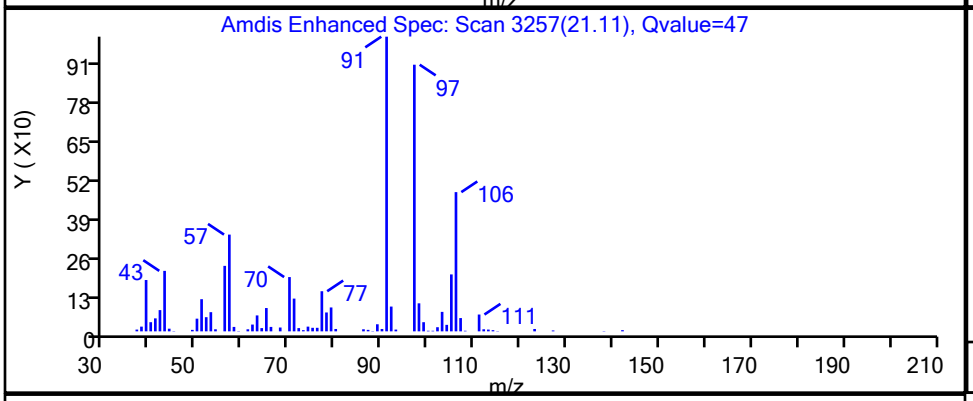
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d				
Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

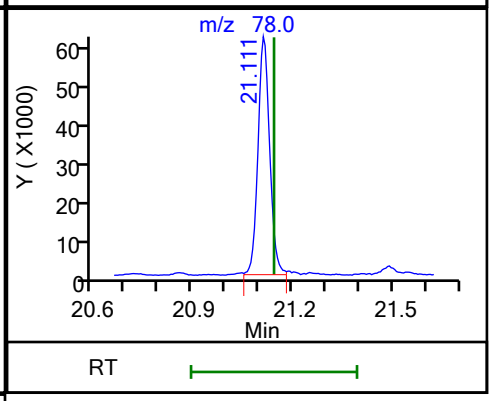
79 Styrene, CAS: 100-42-5

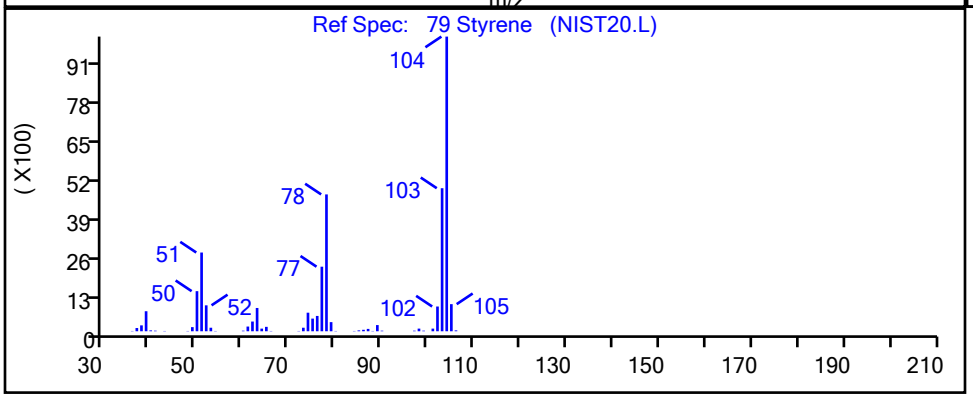
Processing Results











RT	Mass	Response	Amount
21.11	104.00	70595	0.706185
21.11	78.00	148807	

Reviewer: F7XK, 25-Jun-2025 11:23:52 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

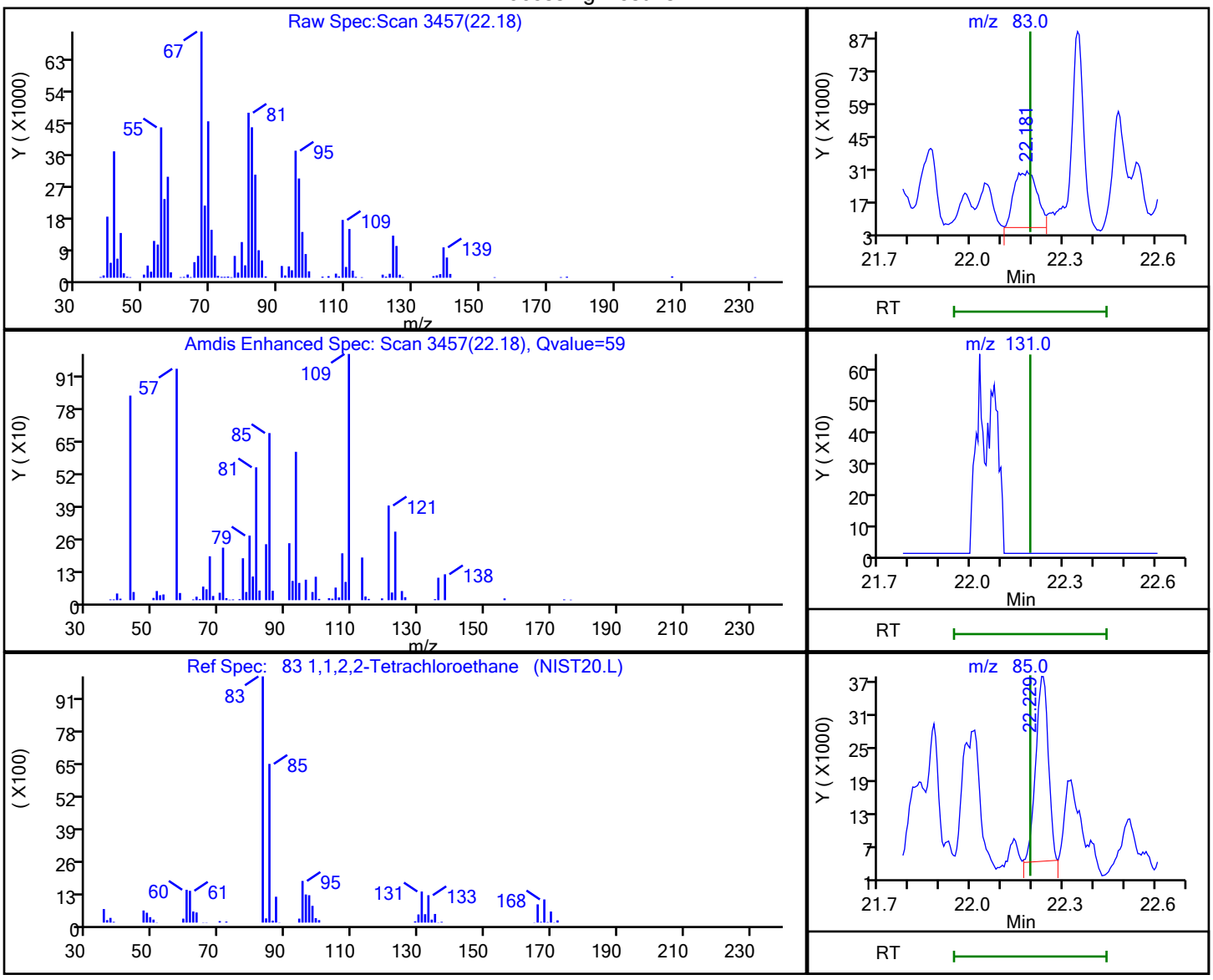
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d				
Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

83 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
22.18	83.00	125203	1.222213
22.19	131.00	0	
22.23	85.00	96029	

Reviewer: F7XK, 25-Jun-2025 11:24:01 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

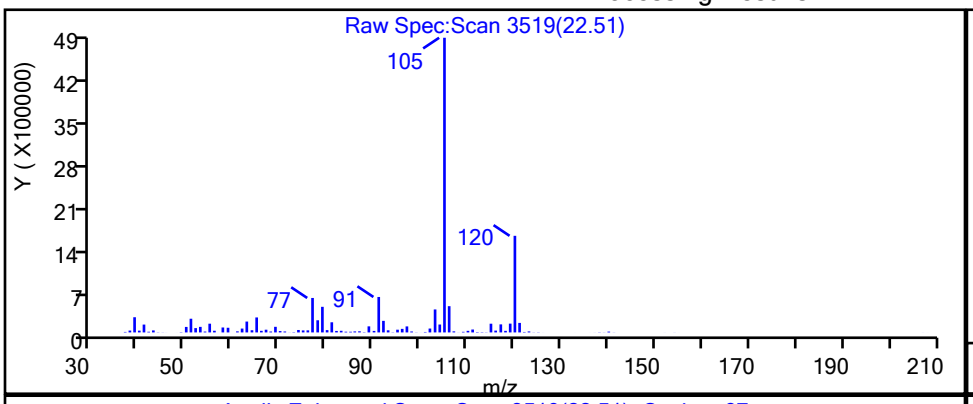
User Disabled Compound Report

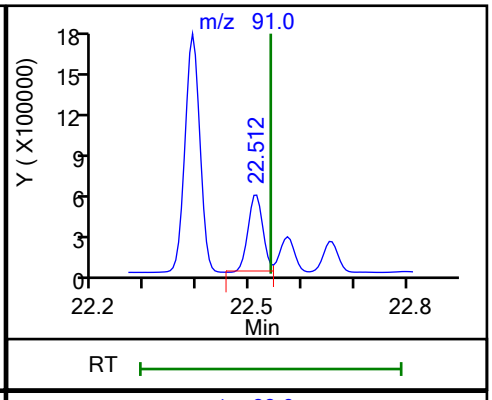
Eurofins Burlington

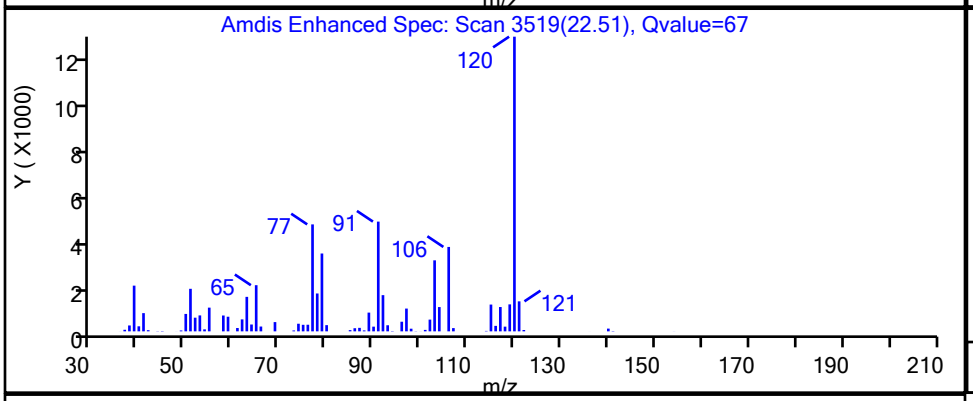
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d				
Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

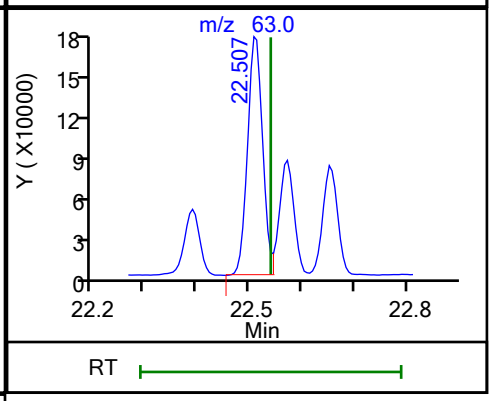
86 2-Chlorotoluene, CAS: 95-49-8

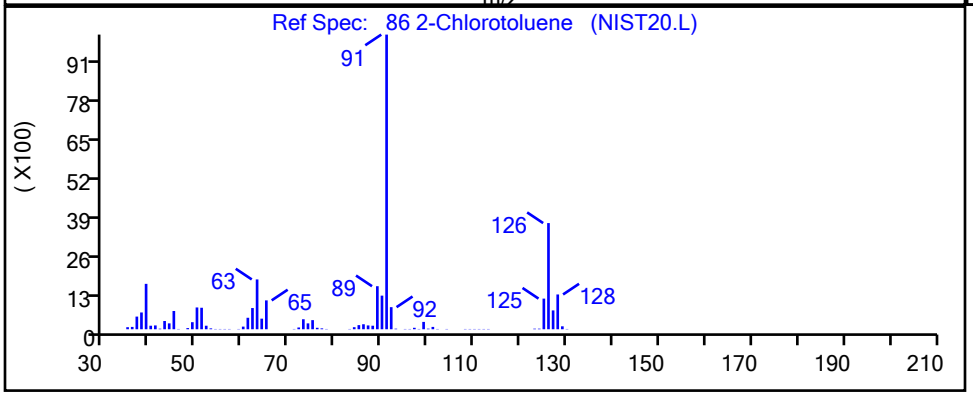
Processing Results











RT	Mass	Response	Amount
22.51	91.00	1167790	7.338459
22.51	63.00	363104	

Reviewer: F7XK, 25-Jun-2025 11:24:14 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

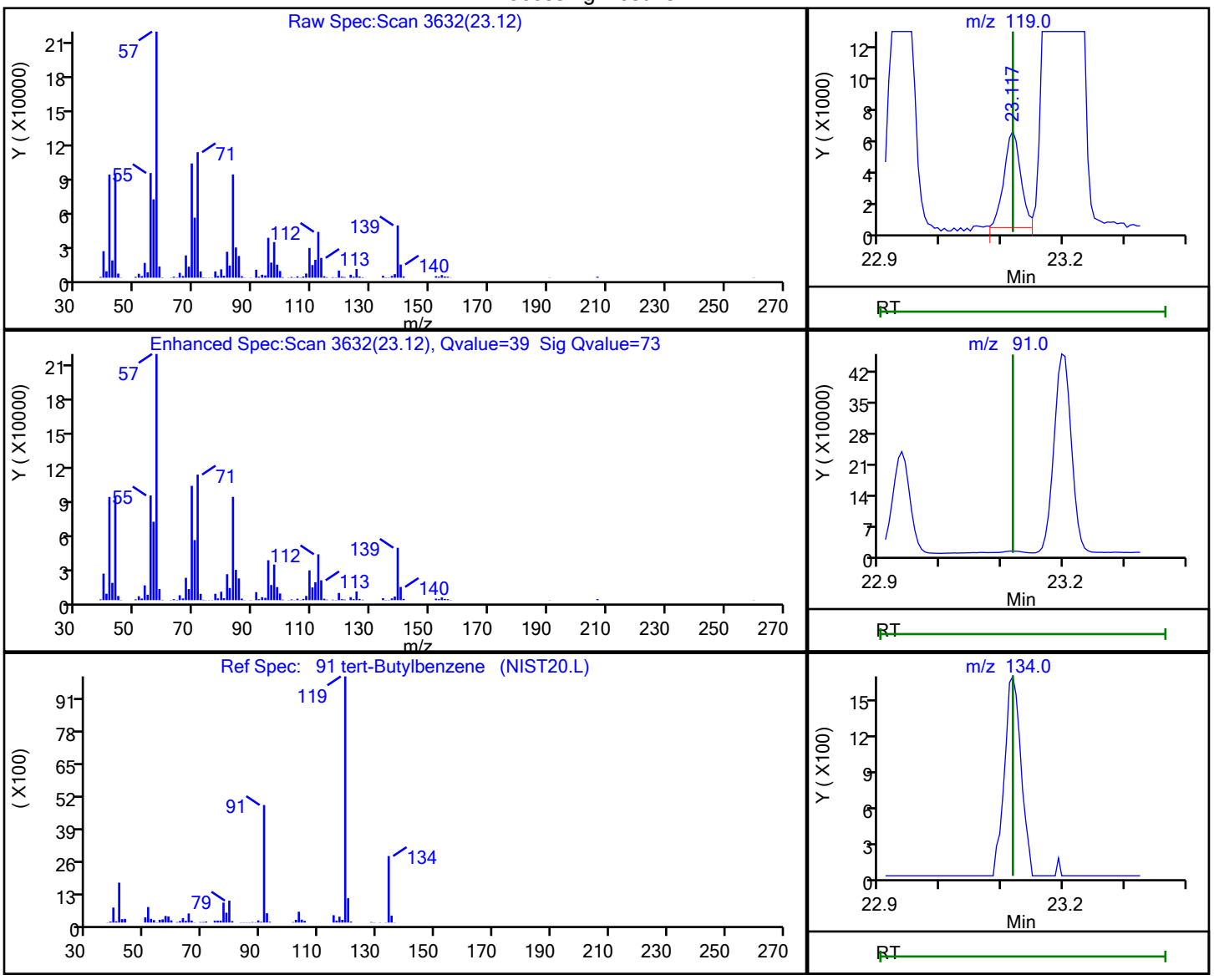
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d				
Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	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
23.12	119.00	11263	0.072348
23.12	91.00	0	
23.12	134.00	0	

Reviewer: F7XK, 25-Jun-2025 11:24:53 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

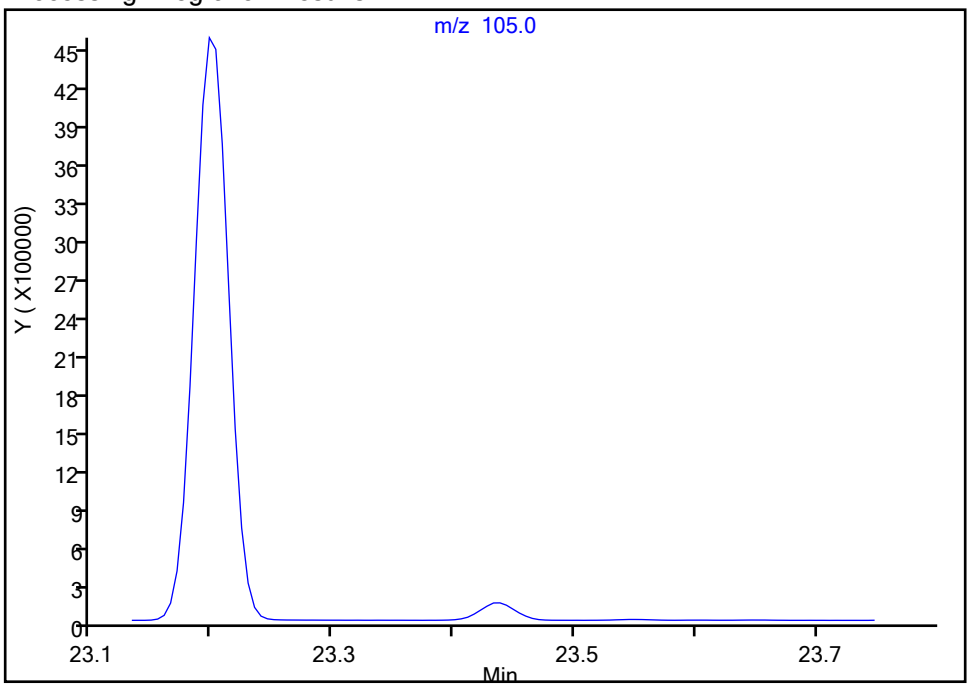
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d				
Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

93 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

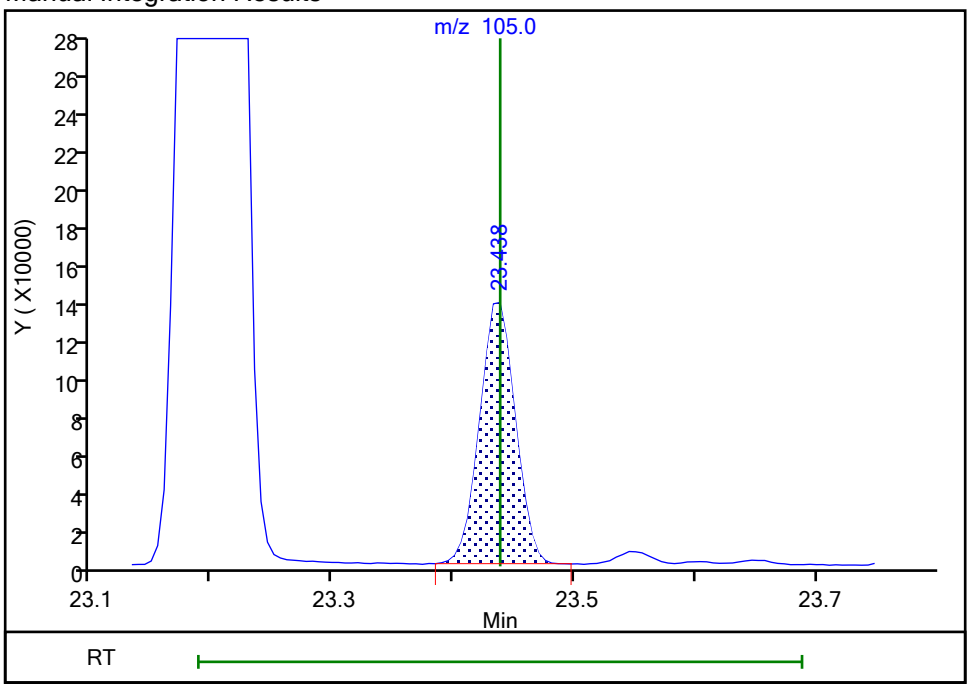
Not Detected
Expected RT: 23.44

Processing Integration Results



Manual Integration Results

RT: 23.44
Area: 280663
Amount: 1.202237
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:25:07 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

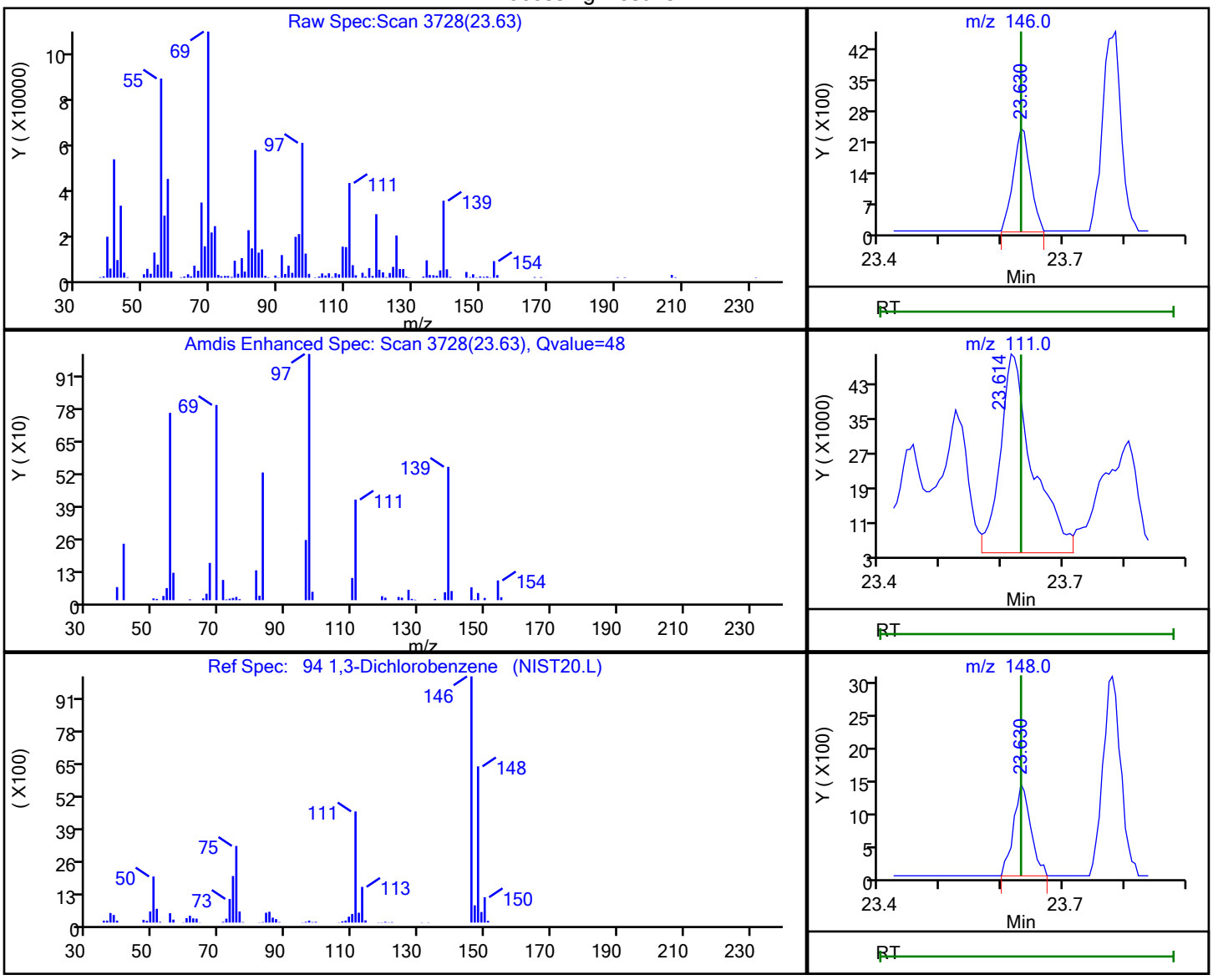
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d				
Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	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
23.63	146.00	4555	0.037327
23.61	111.00	170080	
23.63	148.00	2749	

Reviewer: F7XK, 25-Jun-2025 11:25:17 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

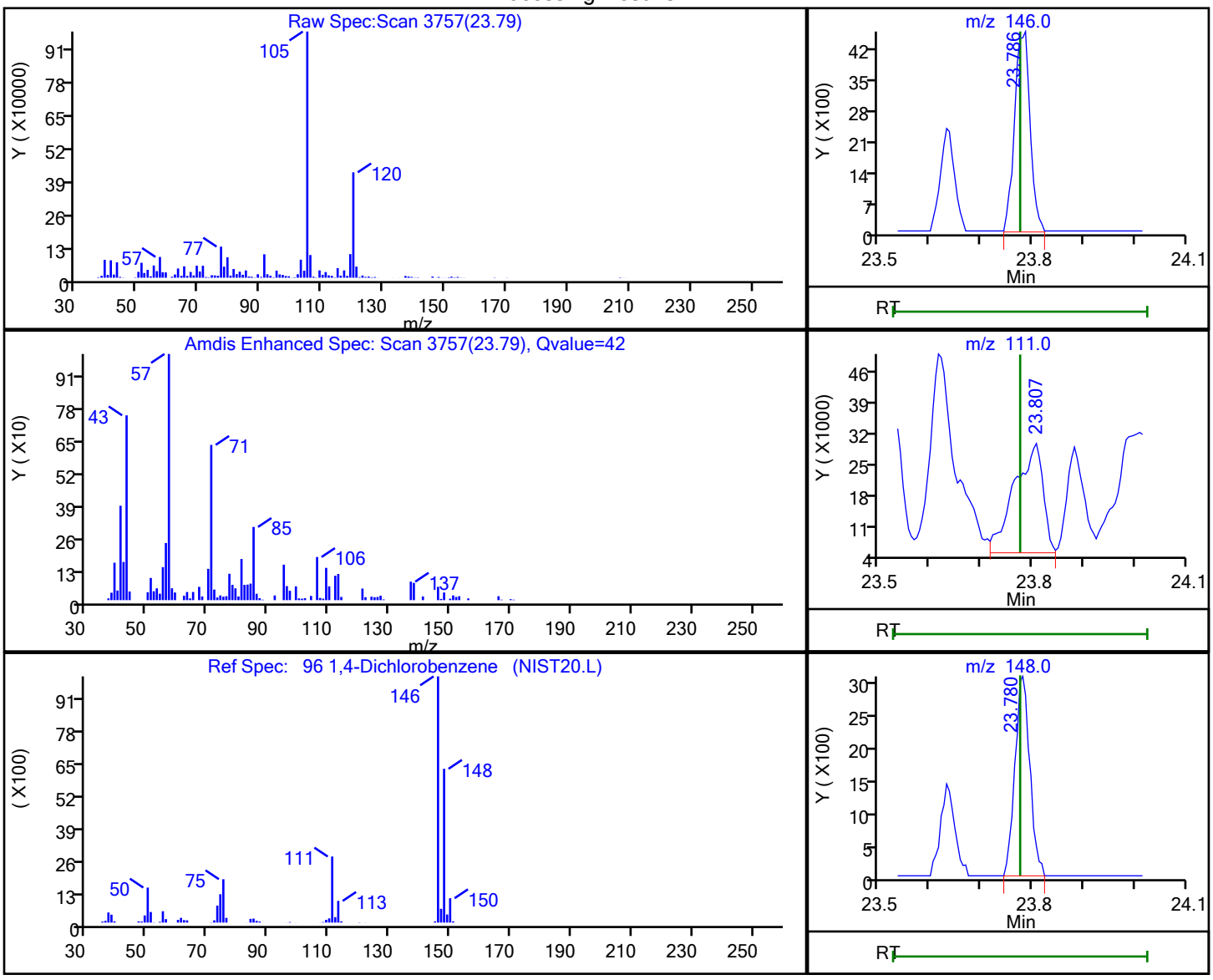
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d				
Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

96 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
23.79	146.00	9701	0.080263
23.81	111.00	95944	
23.78	148.00	6252	

Reviewer: F7XK, 25-Jun-2025 11:25:24 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

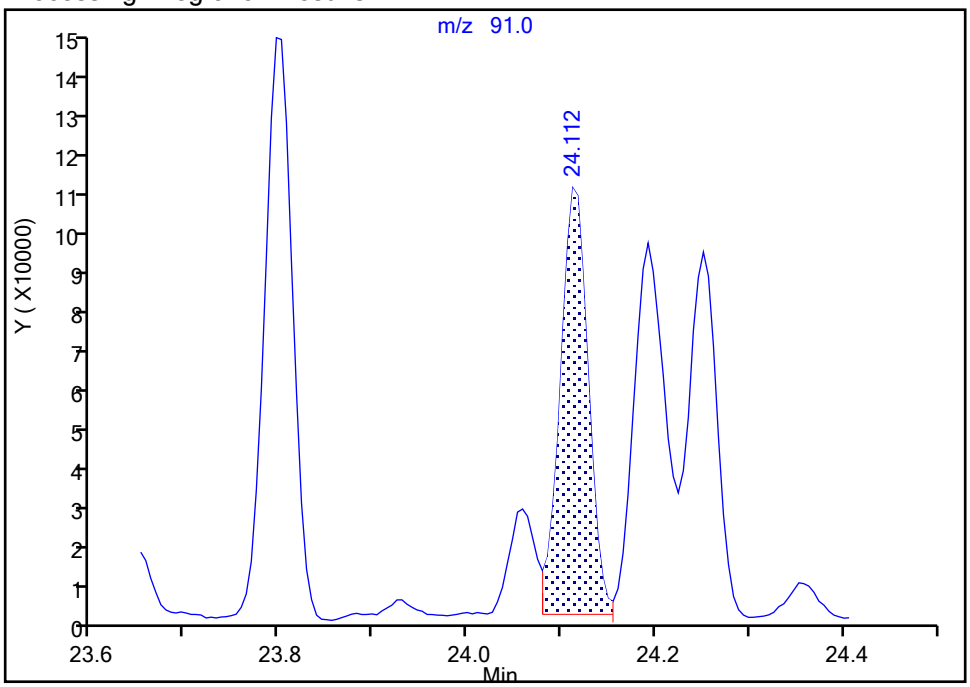
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-12.d				
Injection Date:	24-Jun-2025 20:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

97 Benzyl chloride, CAS: 100-44-7

Signal: 1

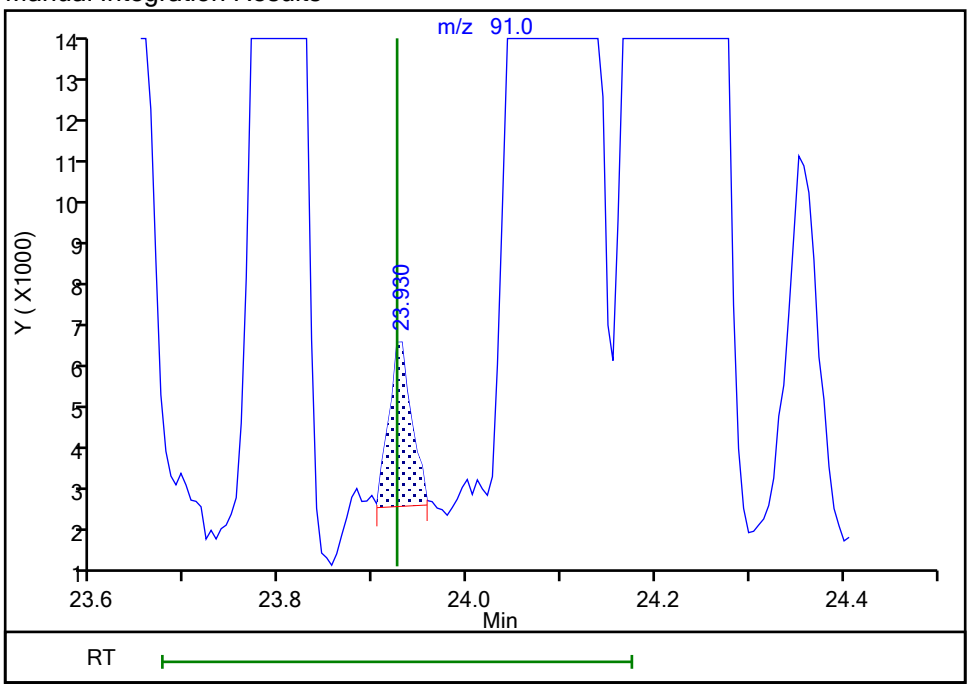
Processing Integration Results

RT: 24.11
Area: 223706
Amount: 1.645891
Amount Units: ppb v/v



Manual Integration Results

RT: 23.93
Area: 6340
Amount: 0.046646
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:25:32 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-05 DL Lab Sample ID: 200-78438-3 DL

Matrix: Air Lab File ID: 65709-13.d

Analysis Method: TO-15 Date Collected: 06/20/2025 13:00

Sample wt/vol: 16(mL) Date Analyzed: 06/24/2025 20:56

Soil Aliquot Vol: Dilution Factor: 12.5

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.: 217778 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	120.20	960	D	12	5.0

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-05 DL Lab Sample ID: 200-78438-3 DL

Matrix: Air Lab File ID: 65709-13.d

Analysis Method: TO-15 Date Collected: 06/20/2025 13:00

Sample wt/vol: 16(mL) Date Analyzed: 06/24/2025 20:56

Soil Aliquot Vol: Dilution Factor: 12.5

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.: 217778 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	120.20	200	D	2.5	1.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-13.d
Lims ID: 200-78438-A-3 DL
Client ID: RXSV-05
Sample Type: Client
Inject. Date: 24-Jun-2025 20:56:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 12.5000
Sample Info: 200-0065709-013
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 25-Jun-2025 11:31:20 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1719

First Level Reviewer: F7XK Date: 25-Jun-2025 11:31:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.200	4.201	-0.001	98	23212	0.3385	
3 Chlorodifluoromethane	51	4.243	4.243	0.005	97	7914	0.1993	M
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.543	4.538	0.005	46	4417	0.0572	
5 Chloromethane	50		4.650				ND	MU
6 Vinyl chloride	62		4.949				ND	MU
7 Butane	43	4.960	4.949	0.011	99	159118	5.48	
8 Butadiene	54		5.062				ND	7
9 Bromomethane	94		5.805				ND	
10 Chloroethane	64		6.100				ND	MU
13 Vinyl bromide	106		6.570				ND	
14 Trichlorofluoromethane	101	6.752	6.763	0.000	98	19266	0.2730	
20 1,1-Dichloroethene	96		7.988				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.031				ND	
22 Acetone	43	8.100	8.058	0.037	97	52587	1.43	
23 Isopropyl alcohol	45		8.405				ND	
24 Carbon disulfide	76	8.480	8.475	0.005	99	16187	0.1819	
26 3-Chloro-1-propene	41		8.812				ND	
27 Methylene Chloride	49	9.095	9.101	0.005	71	2445	0.0750	
28 2-Methyl-2-propanol	59	9.368	9.320	0.048	98	15384	0.2939	
31 Methyl tert-butyl ether	73	9.727	9.695	0.032	21	3678	0.0480	
30 trans-1,2-Dichloroethene	61		9.695				ND	7
32 Hexane	57	10.304	10.299	0.005	91	10387	0.2367	
33 1,1-Dichloroethane	63	10.593	10.593	0.000	99	44127	0.7882	
36 2-Butanone (MEK)	72		11.685				ND	
37 cis-1,2-Dichloroethene	96	11.738	11.733	0.010	91	1908	0.0554	
* 39 Chlorobromomethane	128	12.193	12.188	0.005	90	247745	10.0	
40 Tetrahydrofuran	42		12.236				ND	7
41 Chloroform	83	12.385	12.380	0.005	57	4642	0.0737	
42 1,1,1-Trichloroethane	97	12.723	12.723	-0.006	34	6548	0.1042	M
43 Cyclohexane	84	12.894	12.894	0.000	95	18044	0.4310	
44 Carbon tetrachloride	117		13.044				ND	
45 Benzene	78	13.418	13.413	0.005	95	50693	0.5057	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
46 1,2-Dichloroethane	62		13.488				ND	
47 Isooctane	57	13.648	13.643	0.005	98	75889	0.5241	
48 n-Heptane	43	13.974	13.969	0.005	88	15360	0.3197	
* 49 1,4-Difluorobenzene	114	14.194	14.194	0.000	94	1256291	10.0	
51 Trichloroethene	95	14.675	14.670	0.010	96	4784	0.1017	
53 1,2-Dichloropropane	63		15.146				ND	
54 Methyl methacrylate	69		15.216				ND	MU
55 1,4-Dioxane	88		15.274				ND	7
58 Dichlorobromomethane	83		15.633				ND	MU
59 cis-1,3-Dichloropropene	75		16.473				ND	
61 4-Methyl-2-pentanone (MIBK)	43		16.719				ND	MU
62 Toluene	92	17.152	17.147	0.005	94	171386	2.44	
66 trans-1,3-Dichloropropene	75		17.553				ND	7
67 1,1,2-Trichloroethane	83		17.949				ND	MU
68 Tetrachloroethene	166	18.179	18.179	0.000	98	23983	0.3597	
69 2-Hexanone	43		18.340				ND	MU
70 Chlorodibromomethane	129		18.720				ND	
71 Ethylene Dibromide	107		18.976				ND	
* 73 Chlorobenzene-d5	117	19.907	19.907	0.000	85	1164434	10.0	
74 Chlorobenzene	112		19.966				ND	7
75 Ethylbenzene	91	20.153	20.148	0.005	98	312713	1.98	
76 m-Xylene & p-Xylene	106	20.394	20.405	-0.011	0	583668	9.36	
78 o-Xylene	106	21.111	21.111	0.000	99	284298	4.96	
79 Styrene	104		21.143				ND	MU
81 Bromoform	173		21.464				ND	
82 Isopropylbenzene	105	21.731	21.731	-0.001	98	223018	1.30	
83 1,1,2,2-Tetrachloroethane	83		22.192				ND	MU
85 N-Propylbenzene	91	22.389	22.389	-0.001	99	893712	4.12	
86 2-Chlorotoluene	91		22.539				ND	MU
87 4-Ethyltoluene	105	22.571	22.571	0.000	99	1287505	7.23	
88 1,3,5-Trimethylbenzene	105	22.652	22.652	0.000	94	1175702	7.81	
91 tert-Butylbenzene	119		23.117				ND	MU
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	97	2329638	15.6	
93 sec-Butylbenzene	105	23.438	23.438	0.000	94	65358	0.2920	M
94 1,3-Dichlorobenzene	146		23.631				ND	MU
95 4-Isopropyltoluene	119	23.652	23.652	0.000	98	38301	0.2005	
96 1,4-Dichlorobenzene	146		23.775				ND	MU
97 Benzyl chloride	91		23.925				ND	MU
98 n-Butylbenzene	91	24.251	24.251	0.000	96	45247	0.2626	
99 1,2-Dichlorobenzene	146		24.310				ND	7
102 1,2,4-Trichlorobenzene	180	27.033	27.028	0.005	80	1601	0.0195	
103 Hexachlorobutadiene	225		27.295				ND	7
104 Naphthalene	128	27.589	27.579	0.010	98	8901	0.0568	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

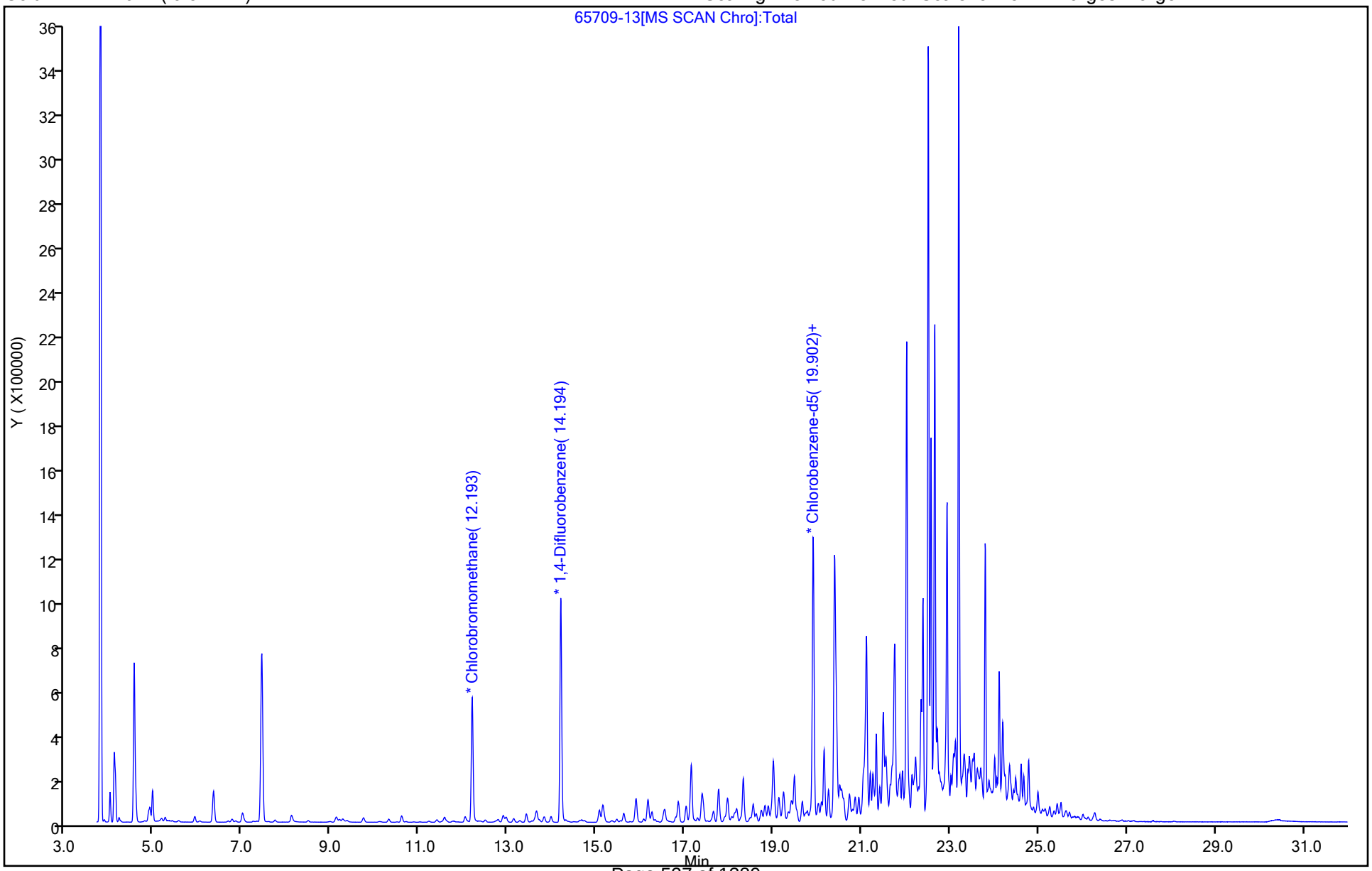
ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 25-Jun-2025 11:31:20 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-13.d				
Injection Date:	24-Jun-2025 20:56:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-78438-A-3 DL	Lab Sample ID:	200-78438-3	Worklist Smp#:	13
Client ID:	RXSV-05				
Purge Vol:	200.000 mL	Dil. Factor:	12.5000	ALS Bottle#:	12
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



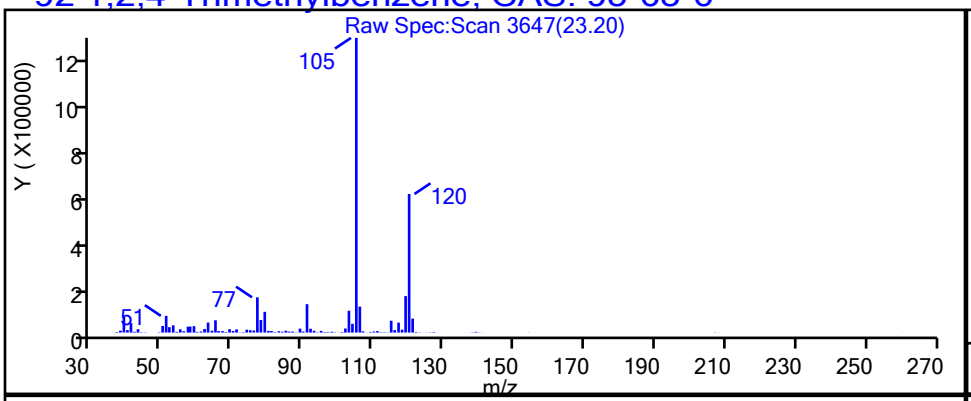
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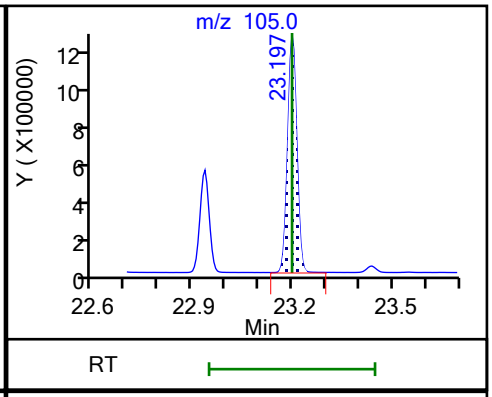
Eurofins Burlington

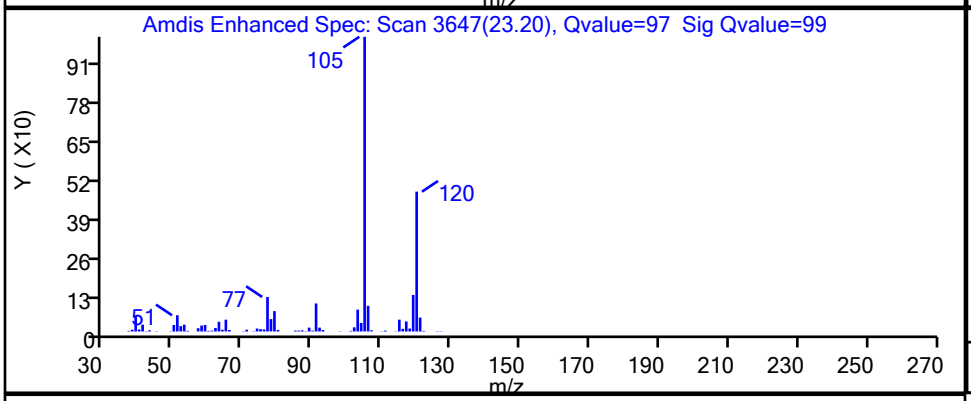
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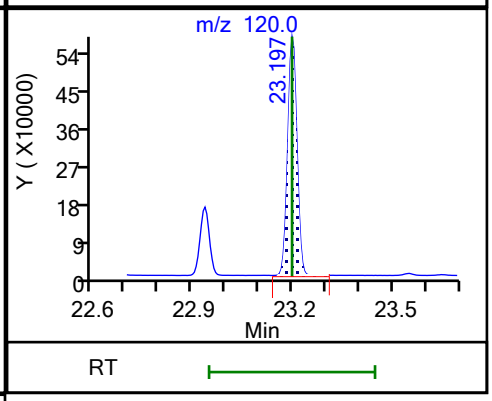
Injection Date:	24-Jun-2025 20:56:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-3 DL	Lab Sample ID:	200-78438-3		
Client ID:	RXSV-05				
Operator ID:	vtp	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	12.5000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

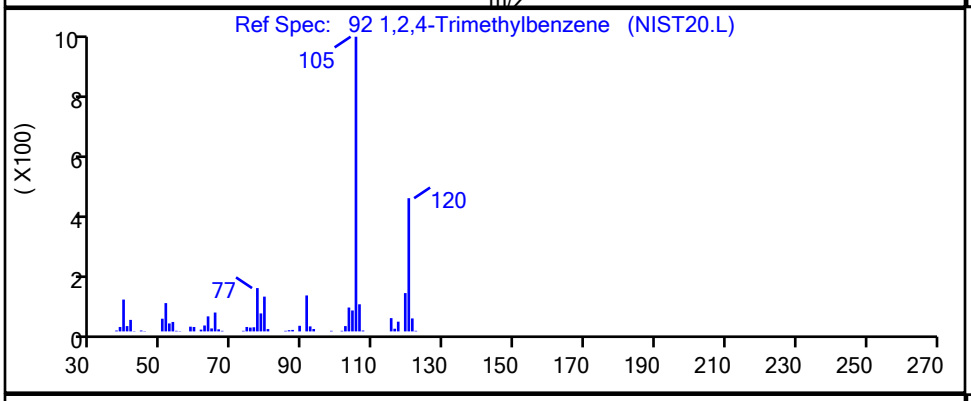
92 1,2,4-Trimethylbenzene, CAS: 95-63-6

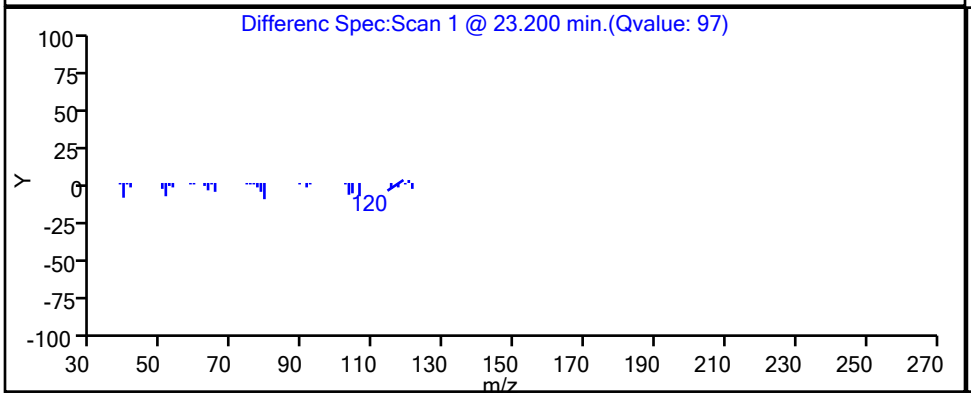


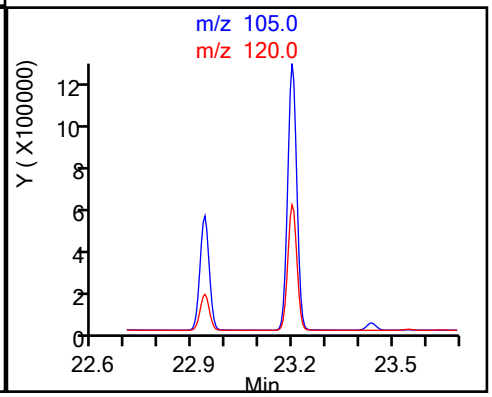












FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-01 | Lab Sample ID: 200-78438-4

Matrix: Air | Lab File ID: 65709-14.d

Analysis Method: TO-15 | Date Collected: 06/20/2025 13:10

Sample wt/vol: 80(mL) | Date Analyzed: 06/24/2025 21:48

Soil Aliquot Vol: | Dilution Factor: 10

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.: 217778 | Units: ug/m3

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	14	J	25	11
75-45-6	Chlorodifluoromethane	86.47	140		18	13
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	14	U	14	5.3
74-87-3	Chloromethane	50.49	10	U	10	6.8
75-01-4	Vinyl chloride	62.50	140		2.0	0.74
106-99-0	1,3-Butadiene	54.09	4.4	U	4.4	0.88
74-83-9	Bromomethane	94.94	7.8	U	7.8	2.4
593-60-2	Bromoethene(Vinyl Bromide)	106.96	8.7	U	8.7	2.1
75-69-4	Trichlorofluoromethane	137.37	11	U	11	4.3
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	46		15	4.4
75-35-4	1,1-Dichloroethene	96.94	10		2.0	1.4
67-64-1	Acetone	58.08	120	U	120	45
67-63-0	Isopropyl alcohol	60.10	120	U	120	54
75-15-0	Carbon disulfide	76.14	12	J	16	5.6
107-05-1	3-Chloropropene	76.53	16	U	16	2.5
75-09-2	Methylene Chloride	84.93	19		17	6.6
75-65-0	tert-Butyl alcohol	74.12	150	U	150	49
1634-04-4	Methyl tert-butyl ether	88.15	7.2	U	7.2	2.4
156-60-5	trans-1,2-Dichloroethene	96.94	18		7.9	0.79
110-54-3	n-Hexane	86.17	230		18	5.6
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	15	U	15	4.1
156-59-2	cis-1,2-Dichloroethene	96.94	170		2.0	1.3
67-66-3	Chloroform	119.38	83		9.8	2.9
109-99-9	Tetrahydrofuran	72.11	150	U	150	50
71-55-6	1,1,1-Trichloroethane	133.41	470		11	4.0
110-82-7	Cyclohexane	84.16	430		6.9	1.8
56-23-5	Carbon tetrachloride	153.81	2.2	U	2.2	1.5
540-84-1	2,2,4-Trimethylpentane	114.23	280		9.3	3.3
71-43-2	Benzene	78.11	55		6.4	1.6
107-06-2	1,2-Dichloroethane	98.96	8.1	U	8.1	3.0

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-01 Lab Sample ID: 200-78438-4

Matrix: Air Lab File ID: 65709-14.d

Analysis Method: TO-15 Date Collected: 06/20/2025 13:10

Sample wt/vol: 80(mL) Date Analyzed: 06/24/2025 21:48

Soil Aliquot Vol: Dilution Factor: 10

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.: 217778 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	650		8.2	3.5
79-01-6	Trichloroethene	131.39	83		2.0	1.6
80-62-6	Methyl methacrylate	100.12	20	U	20	5.3
78-87-5	1,2-Dichloropropane	112.99	9.2	U	9.2	2.5
123-91-1	1,4-Dioxane	88.11	180	U	180	6.8
75-27-4	Bromodichloromethane	163.83	13	U	13	3.9
10061-01-5	cis-1,3-Dichloropropene	110.97	9.1	U	9.1	2.5
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	20	U	20	7.8
108-88-3	Toluene	92.14	350		7.5	2.0
10061-02-6	trans-1,3-Dichloropropene	110.97	9.1	U	9.1	2.8
79-00-5	1,1,2-Trichloroethane	133.41	11	U	11	2.9
127-18-4	Tetrachloroethene	165.83	370		14	2.4
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	20	U	20	8.2
124-48-1	Dibromochloromethane	208.28	17	U	17	4.5
106-93-4	1,2-Dibromoethane	187.87	15	U	15	3.5
108-90-7	Chlorobenzene	112.56	9.2	U	9.2	2.2
100-41-4	Ethylbenzene	106.17	230		8.7	2.2
179601-23-1	m,p-Xylene	106.17	550		22	0.61
95-47-6	o-Xylene	106.17	370		8.7	3.0
100-42-5	Styrene	104.15	8.5	U	8.5	2.4
75-25-2	Bromoform	252.75	21	U	21	6.0
98-82-8	Cumene	120.19	190		9.8	3.5
79-34-5	1,1,2,2-Tetrachloroethane	167.85	14	U	14	4.2
103-65-1	n-Propylbenzene	120.19	390		9.8	3.0
622-96-8	4-Ethyltoluene	120.20	650		9.8	3.3
108-67-8	1,3,5-Trimethylbenzene	120.20	660		9.8	3.3
95-49-8	2-Chlorotoluene	126.59	10	U	10	3.0
98-06-6	tert-Butylbenzene	134.22	23		11	3.8
95-63-6	1,2,4-Trimethylbenzene	120.20	1500		9.8	4.0
135-98-8	sec-Butylbenzene	134.22	77		11	4.0

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-01 Lab Sample ID: 200-78438-4

Matrix: Air Lab File ID: 65709-14.d

Analysis Method: TO-15 Date Collected: 06/20/2025 13:10

Sample wt/vol: 80(mL) Date Analyzed: 06/24/2025 21:48

Soil Aliquot Vol: Dilution Factor: 10

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.: 217778 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
99-87-6	4-Isopropyltoluene	134.22	38		11	4.3
541-73-1	1,3-Dichlorobenzene	147.00	12	U	12	3.8
106-46-7	1,4-Dichlorobenzene	147.00	12	U	12	4.2
100-44-7	Benzyl chloride	126.58	4.2	J	10	3.8
104-51-8	n-Butylbenzene	134.22	41		11	3.8
95-50-1	1,2-Dichlorobenzene	147.00	12	U	12	4.0
120-82-1	1,2,4-Trichlorobenzene	181.45	37	U	37	22
87-68-3	Hexachlorobutadiene	260.76	21	U	21	8.3
91-20-3	Naphthalene	128.17	27		20	5.8

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-01 Lab Sample ID: 200-78438-4

Matrix: Air Lab File ID: 65709-14.d

Analysis Method: TO-15 Date Collected: 06/20/2025 13:10

Sample wt/vol: 80(mL) Date Analyzed: 06/24/2025 21:48

Soil Aliquot Vol: Dilution Factor: 10

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.: 217778 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.8	J	5.0	2.2
75-45-6	Chlorodifluoromethane	86.47	40		5.0	3.6
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	2.0	U	2.0	0.76
74-87-3	Chloromethane	50.49	5.0	U	5.0	3.3
75-01-4	Vinyl chloride	62.50	54		0.78	0.29
106-99-0	1,3-Butadiene	54.09	2.0	U	2.0	0.40
74-83-9	Bromomethane	94.94	2.0	U	2.0	0.62
593-60-2	Bromoethene(Vinyl Bromide)	106.96	2.0	U	2.0	0.48
75-69-4	Trichlorofluoromethane	137.37	2.0	U	2.0	0.77
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	6.0		2.0	0.57
75-35-4	1,1-Dichloroethene	96.94	2.6		0.50	0.35
67-64-1	Acetone	58.08	50	U	50	19
67-63-0	Isopropyl alcohol	60.10	50	U	50	22
75-15-0	Carbon disulfide	76.14	3.8	J	5.0	1.8
107-05-1	3-Chloropropene	76.53	5.0	U	5.0	0.81
75-09-2	Methylene Chloride	84.93	5.5		5.0	1.9
75-65-0	tert-Butyl alcohol	74.12	50	U	50	16
1634-04-4	Methyl tert-butyl ether	88.15	2.0	U	2.0	0.66
156-60-5	trans-1,2-Dichloroethene	96.94	4.6		2.0	0.20
110-54-3	n-Hexane	86.17	64		5.0	1.6
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	5.0	U	5.0	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	44		0.50	0.32
67-66-3	Chloroform	119.38	17		2.0	0.59
109-99-9	Tetrahydrofuran	72.11	50	U	50	17
71-55-6	1,1,1-Trichloroethane	133.41	87		2.0	0.73
110-82-7	Cyclohexane	84.16	130		2.0	0.52
56-23-5	Carbon tetrachloride	153.81	0.35	U	0.35	0.24
540-84-1	2,2,4-Trimethylpentane	114.23	60		2.0	0.71
71-43-2	Benzene	78.11	17		2.0	0.51
107-06-2	1,2-Dichloroethane	98.96	2.0	U	2.0	0.74

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-01 Lab Sample ID: 200-78438-4

Matrix: Air Lab File ID: 65709-14.d

Analysis Method: TO-15 Date Collected: 06/20/2025 13:10

Sample wt/vol: 80(mL) Date Analyzed: 06/24/2025 21:48

Soil Aliquot Vol: Dilution Factor: 10

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.: 217778 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	160		2.0	0.86
79-01-6	Trichloroethene	131.39	15		0.37	0.29
80-62-6	Methyl methacrylate	100.12	5.0	U	5.0	1.3
78-87-5	1,2-Dichloropropane	112.99	2.0	U	2.0	0.55
123-91-1	1,4-Dioxane	88.11	50	U	50	1.9
75-27-4	Bromodichloromethane	163.83	2.0	U	2.0	0.58
10061-01-5	cis-1,3-Dichloropropene	110.97	2.0	U	2.0	0.56
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	5.0	U	5.0	1.9
108-88-3	Toluene	92.14	93		2.0	0.54
10061-02-6	trans-1,3-Dichloropropene	110.97	2.0	U	2.0	0.62
79-00-5	1,1,2-Trichloroethane	133.41	2.0	U	2.0	0.53
127-18-4	Tetrachloroethene	165.83	55		2.0	0.36
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	5.0	U	5.0	2.0
124-48-1	Dibromochloromethane	208.28	2.0	U	2.0	0.53
106-93-4	1,2-Dibromoethane	187.87	2.0	U	2.0	0.45
108-90-7	Chlorobenzene	112.56	2.0	U	2.0	0.47
100-41-4	Ethylbenzene	106.17	53		2.0	0.51
179601-23-1	m,p-Xylene	106.17	130		5.0	0.14
95-47-6	o-Xylene	106.17	86		2.0	0.69
100-42-5	Styrene	104.15	2.0	U	2.0	0.56
75-25-2	Bromoform	252.75	2.0	U	2.0	0.58
98-82-8	Cumene	120.19	38		2.0	0.72
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.0	U	2.0	0.61
103-65-1	n-Propylbenzene	120.19	80		2.0	0.62
622-96-8	4-Ethyltoluene	120.20	130		2.0	0.68
108-67-8	1,3,5-Trimethylbenzene	120.20	130		2.0	0.68
95-49-8	2-Chlorotoluene	126.59	2.0	U	2.0	0.58
98-06-6	tert-Butylbenzene	134.22	4.3		2.0	0.70
95-63-6	1,2,4-Trimethylbenzene	120.20	310		2.0	0.82
135-98-8	sec-Butylbenzene	134.22	14		2.0	0.72

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-01 Lab Sample ID: 200-78438-4

Matrix: Air Lab File ID: 65709-14.d

Analysis Method: TO-15 Date Collected: 06/20/2025 13:10

Sample wt/vol: 80(mL) Date Analyzed: 06/24/2025 21:48

Soil Aliquot Vol: Dilution Factor: 10

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.: 217778 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
99-87-6	4-Isopropyltoluene	134.22	6.9		2.0	0.78
541-73-1	1,3-Dichlorobenzene	147.00	2.0	U	2.0	0.63
106-46-7	1,4-Dichlorobenzene	147.00	2.0	U	2.0	0.70
100-44-7	Benzyl chloride	126.58	0.82	J	2.0	0.74
104-51-8	n-Butylbenzene	134.22	7.4		2.0	0.70
95-50-1	1,2-Dichlorobenzene	147.00	2.0	U	2.0	0.66
120-82-1	1,2,4-Trichlorobenzene	181.45	5.0	U	5.0	3.0
87-68-3	Hexachlorobutadiene	260.76	2.0	U	2.0	0.78
91-20-3	Naphthalene	128.17	5.2		3.8	1.1

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d
Lims ID: 200-78438-A-4
Client ID: RXSV-01
Sample Type: Client
Inject. Date: 24-Jun-2025 21:48:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Sample Info: 200-0065709-014
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 25-Jun-2025 11:39:59 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1719

First Level Reviewer: F7XK Date: 25-Jun-2025 11:39:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.206	4.206	0.005	96	21685	0.2820	M
3 Chlorodifluoromethane	51	4.243	4.243	0.005	97	178632	4.01	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.538	4.538	0.000	50	3248	0.0375	
5 Chloromethane	50	4.655	4.655	0.005	2	1316	0.0488	M
6 Vinyl chloride	62	4.955	4.949	0.006	49	141150	5.36	
7 Butane	43	4.960	4.949	0.011	99	2174082	66.7	E
8 Butadiene	54		5.062				ND	MU
9 Bromomethane	94		5.805				ND	
10 Chloroethane	64	6.105	6.105	0.005	99	5299876	291.6	E
13 Vinyl bromide	106		6.570				ND	
14 Trichlorofluoromethane	101	6.752	6.752	0.000	1	1988	0.0251	M
20 1,1-Dichloroethene	96	7.993	7.992	0.005	96	9054	0.2571	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.036	8.034	0.005	98	44176	0.5951	
22 Acetone	43		8.063				ND	MU
23 Isopropyl alcohol	45		8.405				ND	MU
24 Carbon disulfide	76	8.480	8.475	0.005	99	37904	0.3799	
26 3-Chloro-1-propene	41		8.812				ND	
27 Methylene Chloride	49	9.101	9.101	0.011	83	19952	0.5460	
28 2-Methyl-2-propanol	59	9.352	9.320	0.032	93	25515	0.4347	
31 Methyl tert-butyl ether	73		9.695				ND	MU
30 trans-1,2-Dichloroethene	61	9.705	9.699	0.010	99	21508	0.4603	
32 Hexane	57	10.305	10.299	0.006	90	315620	6.41	
33 1,1-Dichloroethane	63	10.593	10.593	0.000	100	2667917	42.5	E
36 2-Butanone (MEK)	72		11.685				ND	MU
37 cis-1,2-Dichloroethene	96	11.733	11.733	0.005	92	169054	4.37	
* 39 Chlorobromomethane	128	12.193	12.188	0.005	90	277772	10.0	
40 Tetrahydrofuran	42		12.236				ND	
41 Chloroform	83	12.380	12.380	0.000	97	120025	1.70	M
42 1,1,1-Trichloroethane	97	12.728	12.723	0.000	98	635887	8.70	
43 Cyclohexane	84	12.894	12.894	0.000	98	609036	12.5	
44 Carbon tetrachloride	117		13.044				ND	
45 Benzene	78	13.418	13.413	0.005	95	200255	1.72	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	46 1,2-Dichloroethane	62		13.488				ND	
	47 Isooctane	57	13.643	13.643	0.000	99	1004753	5.96	M
	48 n-Heptane	43	13.969	13.969	0.000	90	891783	16.0	
*	49 1,4-Difluorobenzene	114	14.194	14.194	0.000	94	1461631	10.0	
	51 Trichloroethene	95	14.670	14.670	0.005	97	84141	1.54	
	53 1,2-Dichloropropane	63		15.146				ND	MU
	54 Methyl methacrylate	69		15.216				ND	MU
	55 1,4-Dioxane	88		15.274				ND	
	58 Dichlorobromomethane	83		15.633				ND	
	59 cis-1,3-Dichloropropene	75		16.473				ND	7
	61 4-Methyl-2-pentanone (MIBK)	43		16.719				ND	MU
	62 Toluene	92	17.147	17.147	0.000	93	745246	9.29	
	66 trans-1,3-Dichloropropene	75		17.553				ND	MU
	67 1,1,2-Trichloroethane	83		17.949				ND	MU
	68 Tetrachloroethene	166	18.179	18.179	0.000	97	416348	5.47	
	69 2-Hexanone	43		18.340				ND	MU
	70 Chlorodibromomethane	129		18.720				ND	
	71 Ethylene Dibromide	107		18.976				ND	
*	73 Chlorobenzene-d5	117	19.907	19.907	0.000	86	1330172	10.0	
	74 Chlorobenzene	112		19.966				ND	MU
	75 Ethylbenzene	91	20.153	20.148	0.005	98	961252	5.33	
	76 m-Xylene & p-Xylene	106	20.394	20.405	-0.011	0	908055	12.8	
	78 o-Xylene	106	21.116	21.111	0.005	98	562407	8.58	
	79 Styrene	104		21.143				ND	
	81 Bromoform	173		21.464				ND	
	82 Isopropylbenzene	105	21.732	21.731	0.000	97	754008	3.84	
	83 1,1,2,2-Tetrachloroethane	83		22.192				ND	MU
	85 N-Propylbenzene	91	22.390	22.389	0.000	99	1976716	7.98	
	86 2-Chlorotoluene	91		22.539				ND	MU
	87 4-Ethyltoluene	105	22.571	22.571	0.000	99	2698863	13.3	
	88 1,3,5-Trimethylbenzene	105	22.657	22.652	0.005	93	2316918	13.5	
	91 tert-Butylbenzene	119	23.117	23.117	0.000	70	72675	0.4263	
	92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	98	5265797	30.9	
	93 sec-Butylbenzene	105	23.438	23.438	0.000	96	359657	1.41	
	94 1,3-Dichlorobenzene	146		23.631				ND	7
	95 4-Isopropyltoluene	119	23.652	23.652	0.000	97	150413	0.6894	
	96 1,4-Dichlorobenzene	146		23.775				ND	MU
	97 Benzyl chloride	91	23.930	23.930	0.005	50	12209	0.0820	M
	98 n-Butylbenzene	91	24.251	24.251	0.000	96	146606	0.7449	
	99 1,2-Dichlorobenzene	146		24.310				ND	7
	102 1,2,4-Trichlorobenzene	180	27.028	27.028	0.000	60	3936	0.0420	
	103 Hexachlorobutadiene	225		27.295				ND	7
	104 Naphthalene	128	27.584	27.579	0.005	99	92754	0.5178	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

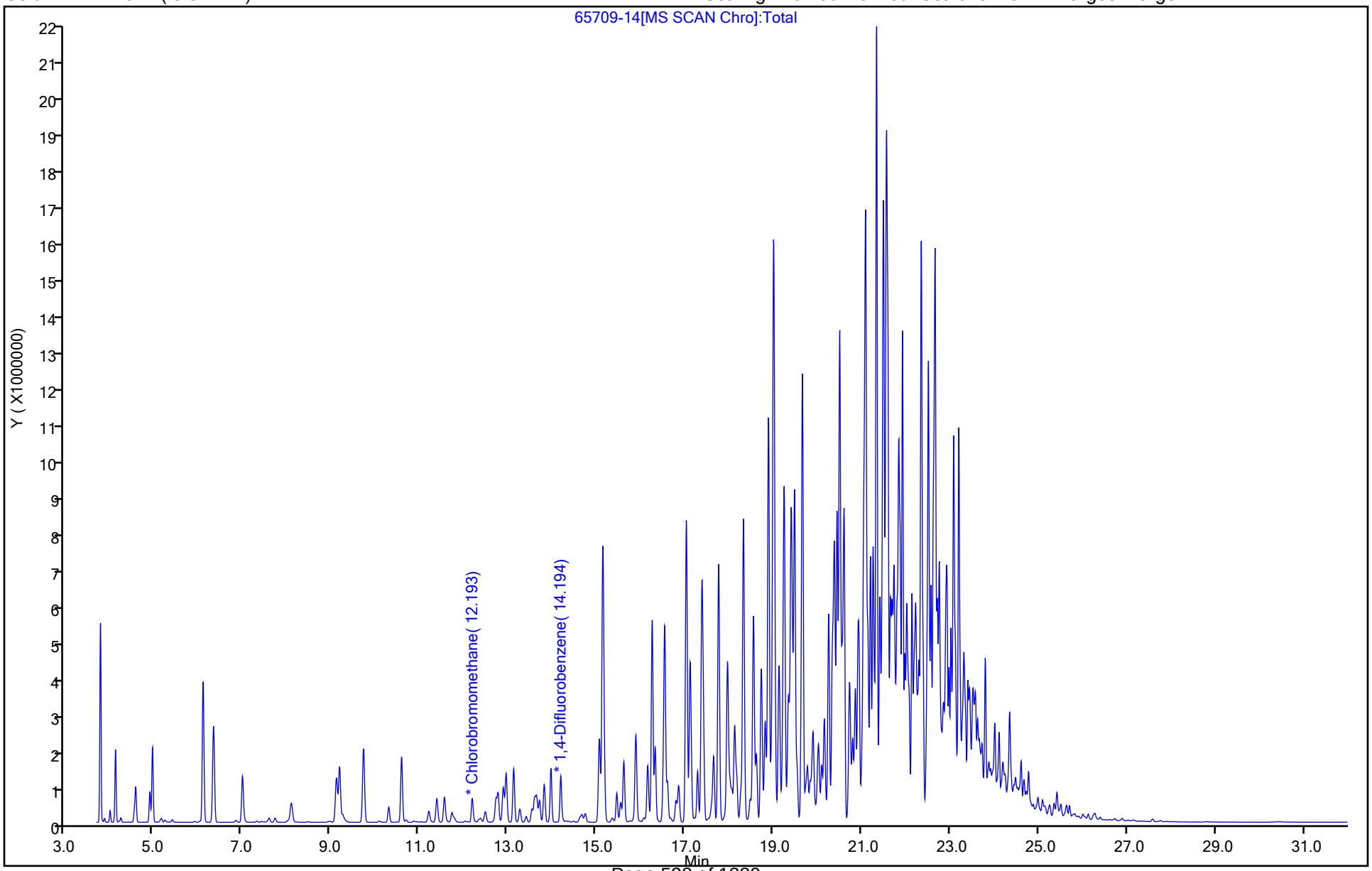
ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 25-Jun-2025 11:39:59 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d				
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4	Worklist Smp#:	14
Client ID:	RXSV-01				
Purge Vol:	200.000 mL	Dil. Factor:	10.0000	ALS Bottle#:	13
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



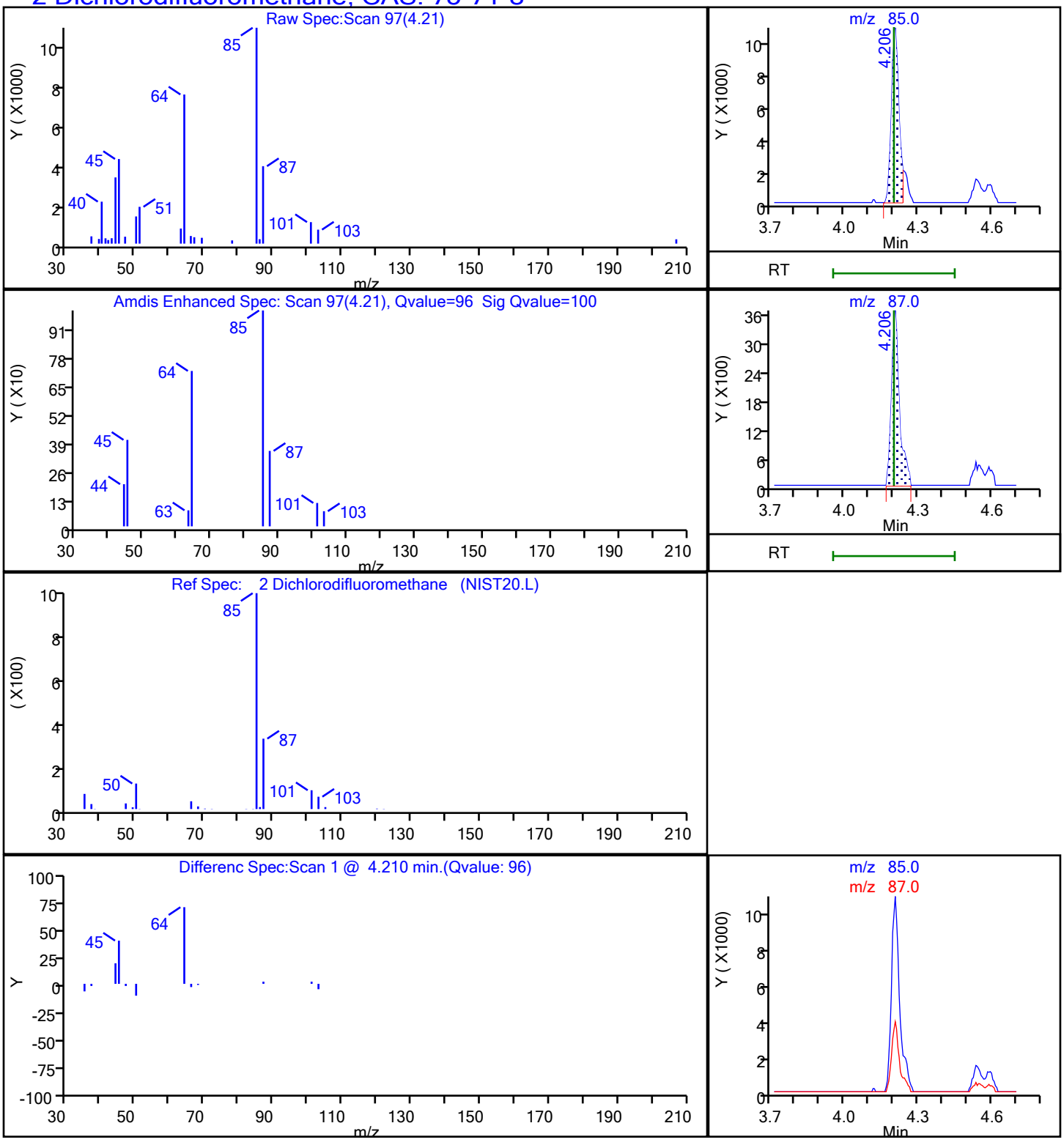
Report Date: 25-Jun-2025 11:39:59 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d

Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

2 Dichlorodifluoromethane, CAS: 75-71-8



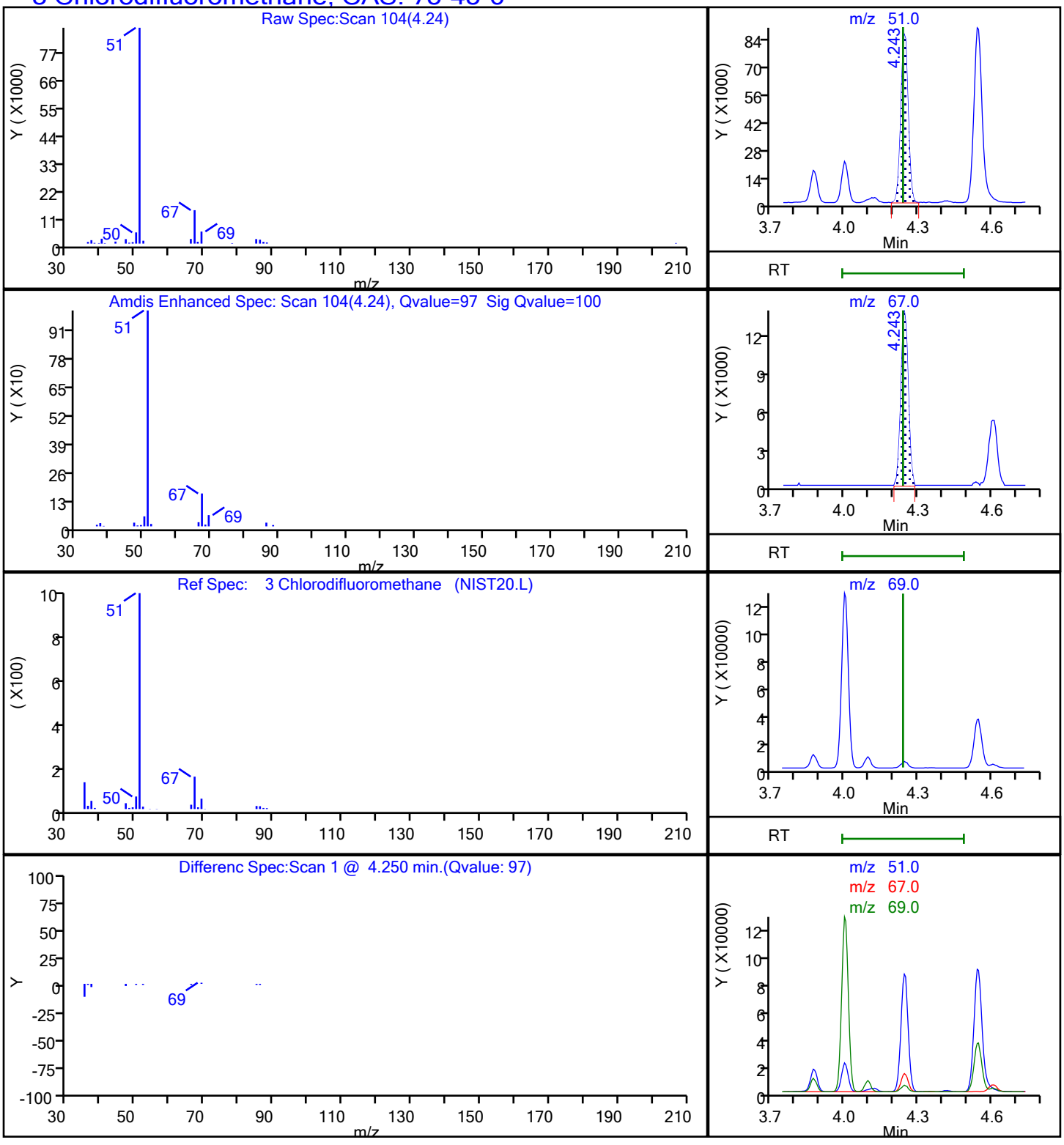
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d

Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6



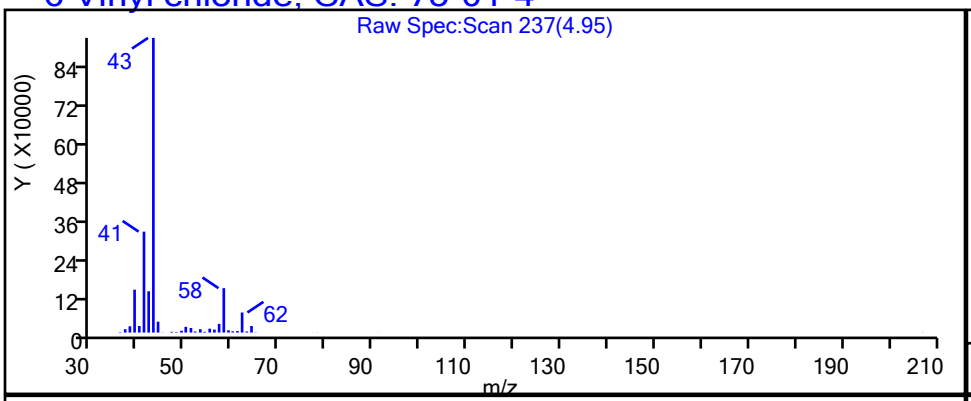
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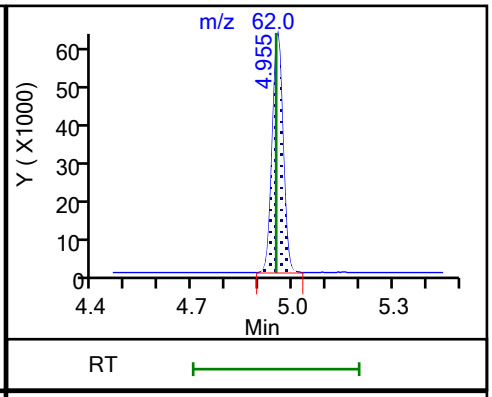
Eurofins Burlington

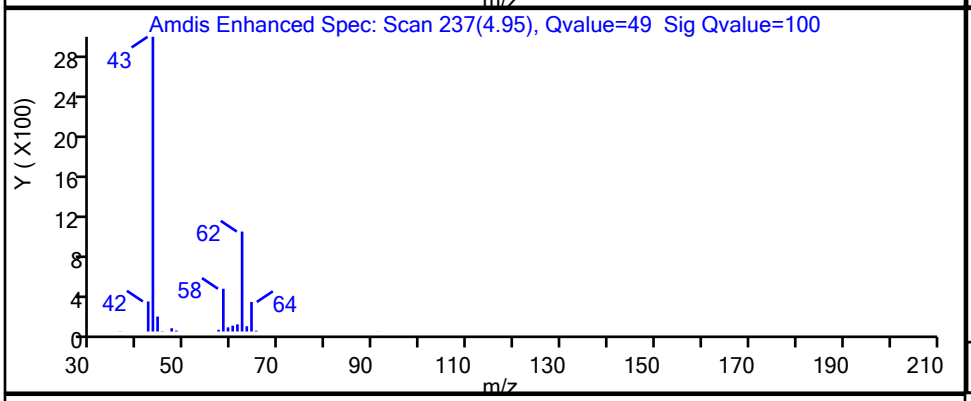
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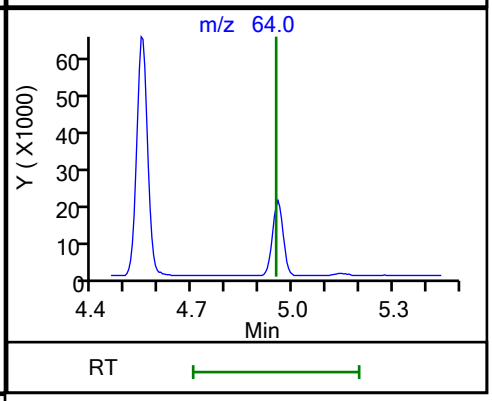
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

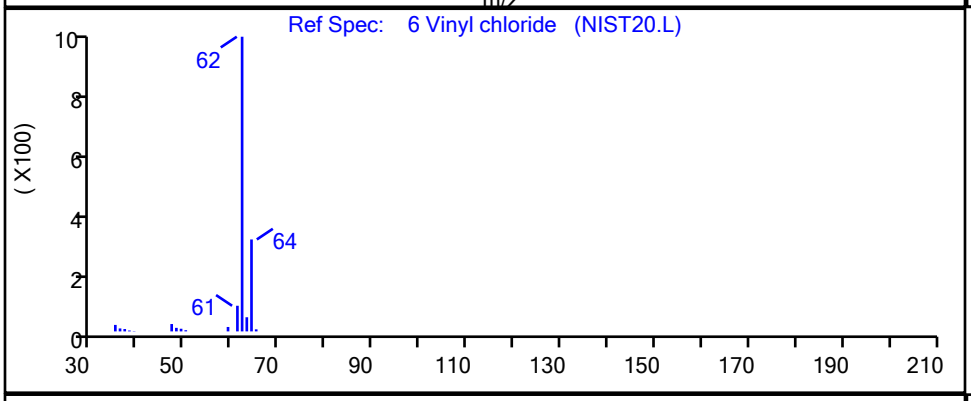
6 Vinyl chloride, CAS: 75-01-4

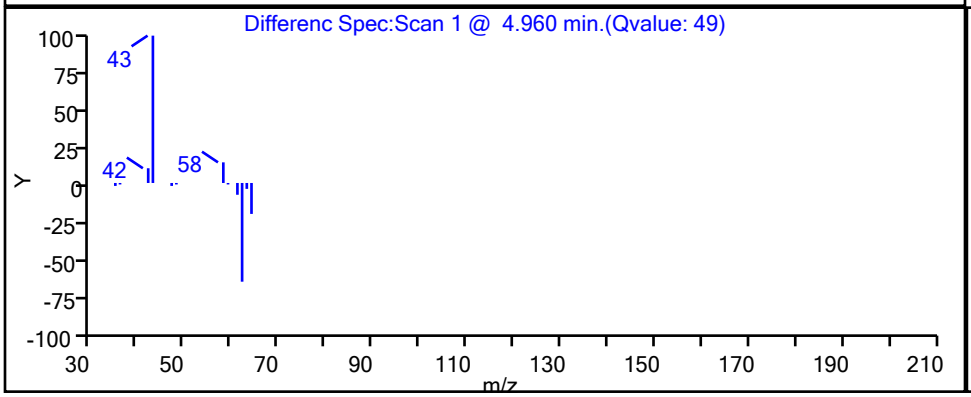


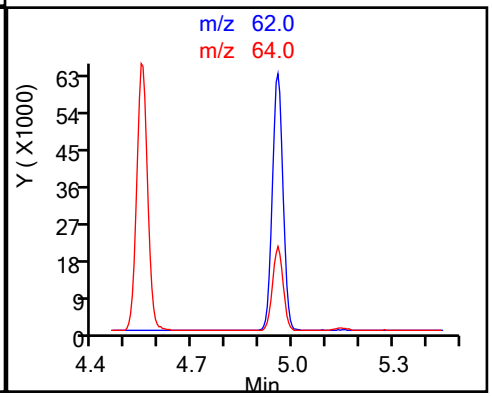












Report Date: 25-Jun-2025 11:39:59 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d

Injection Date: 24-Jun-2025 21:48:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-4 Lab Sample ID: 200-78438-4

Client ID: RXSV-01

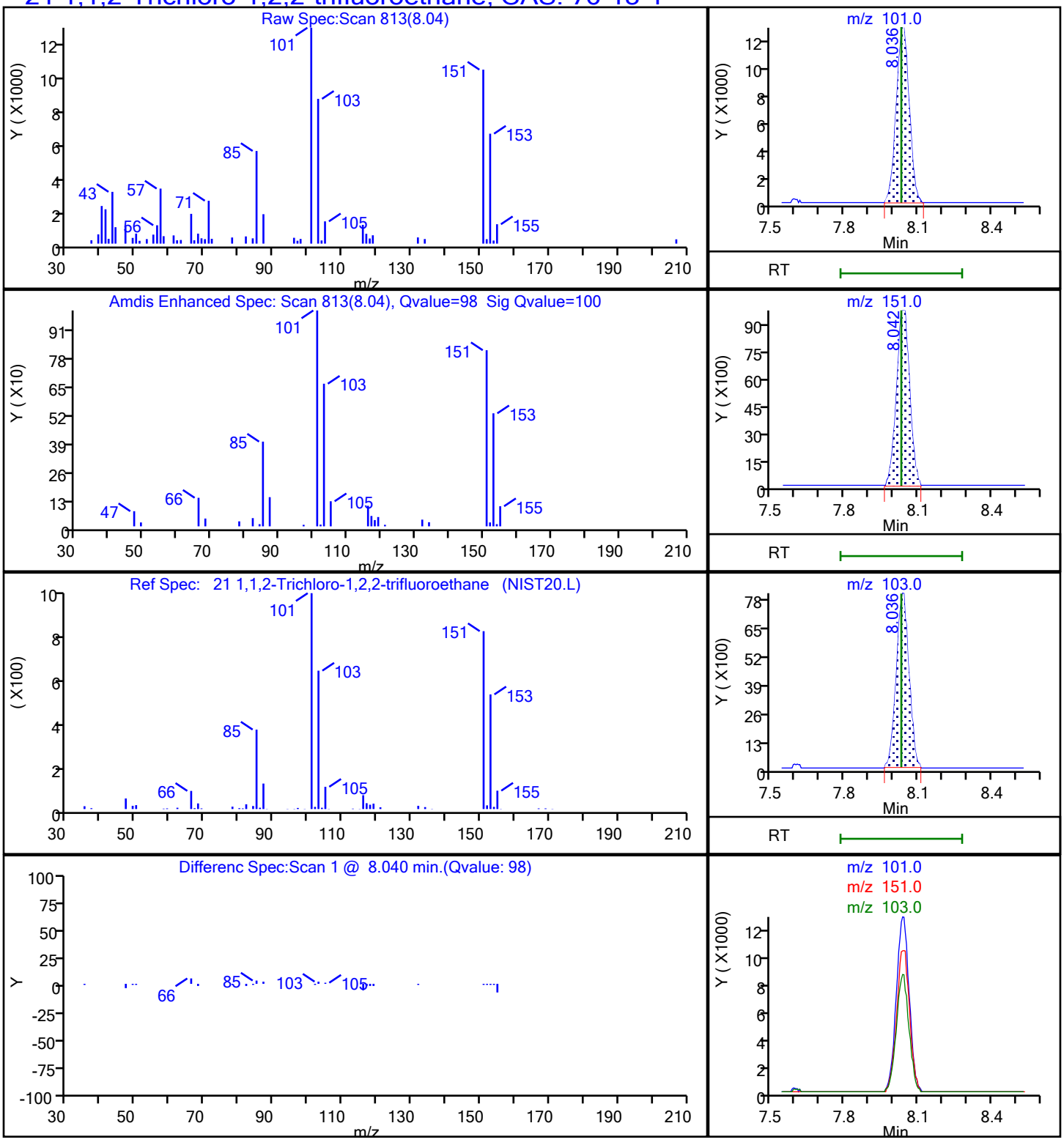
Operator ID: vtp ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 200.000 mL Dil. Factor: 10.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



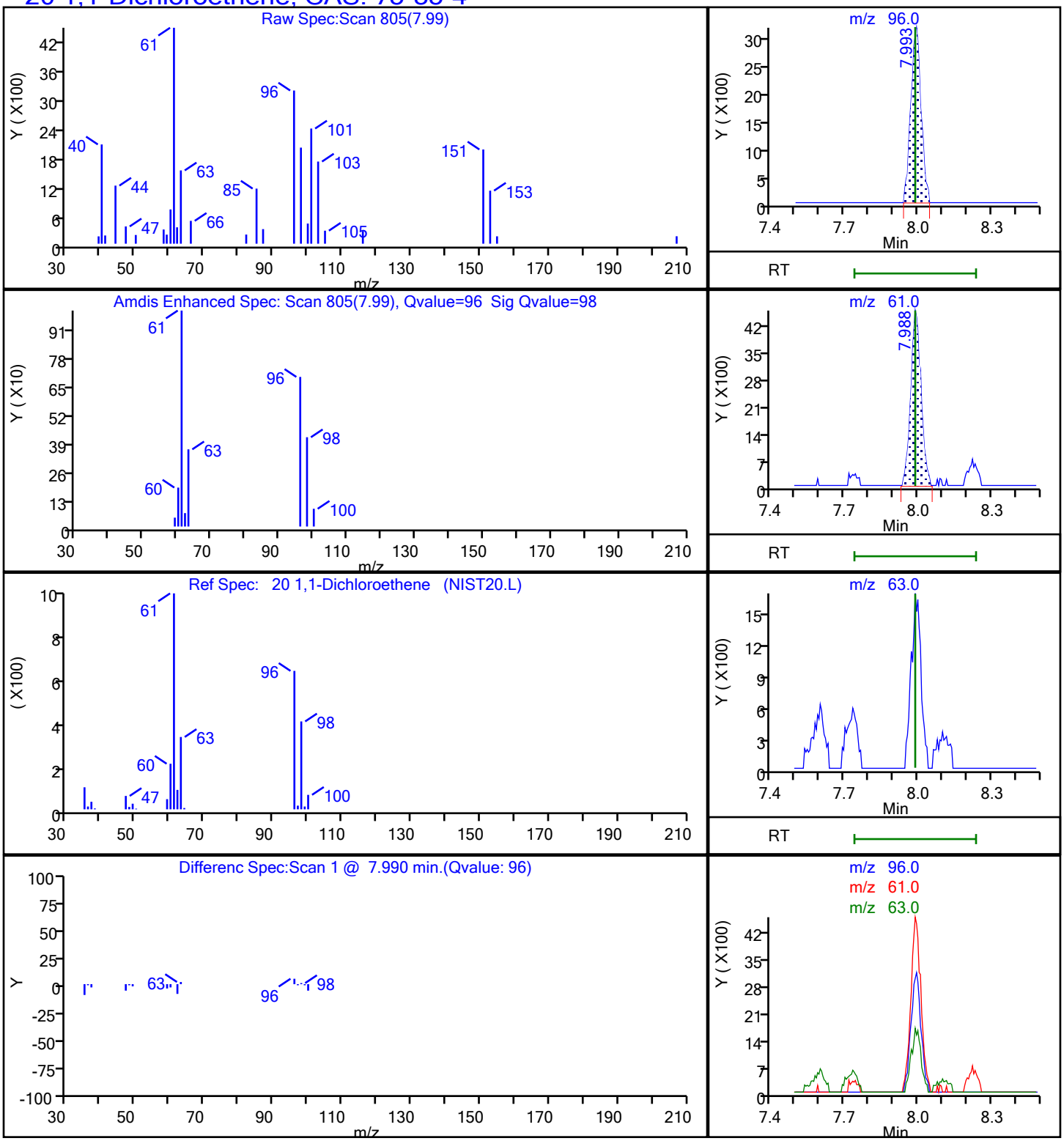
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d

Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



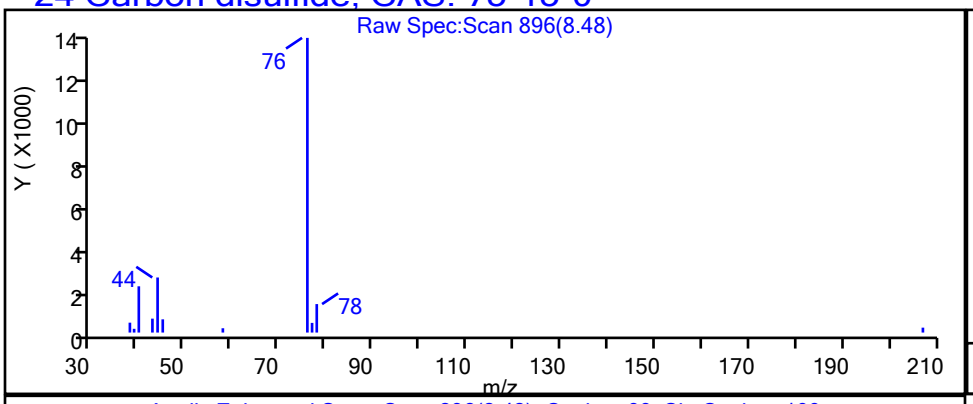
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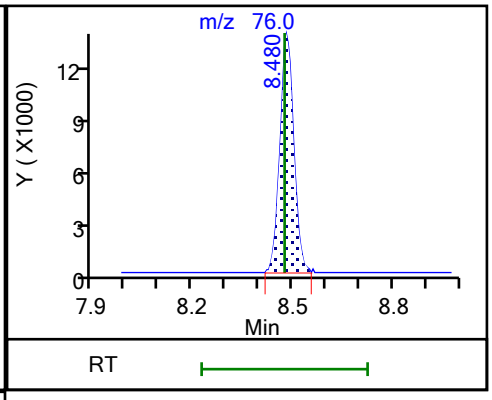
Eurofins Burlington

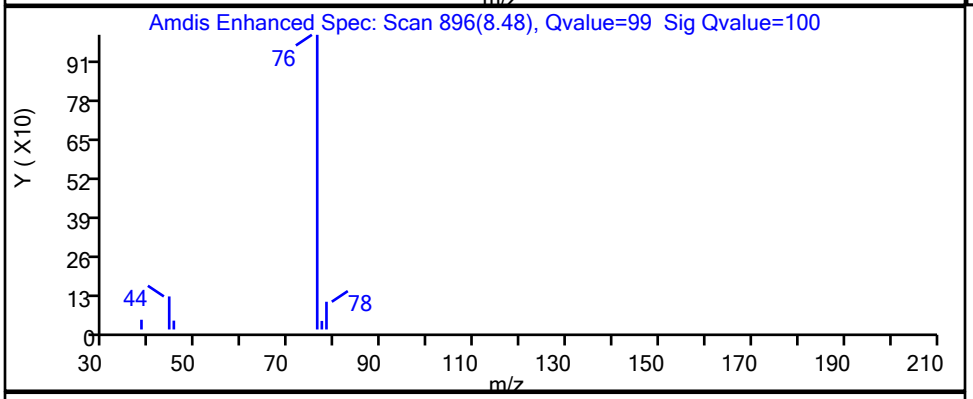
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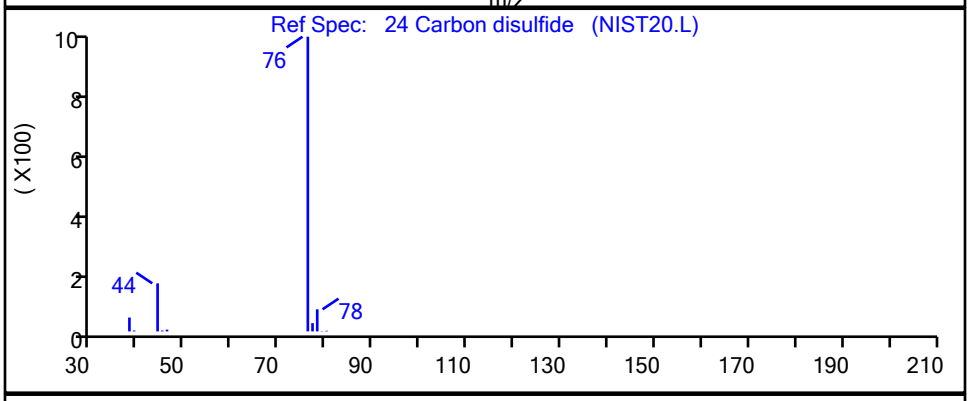
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

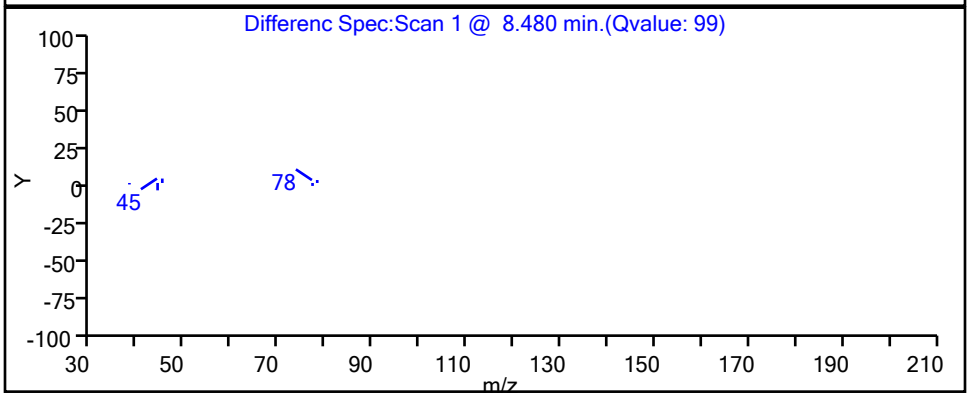
24 Carbon disulfide, CAS: 75-15-0











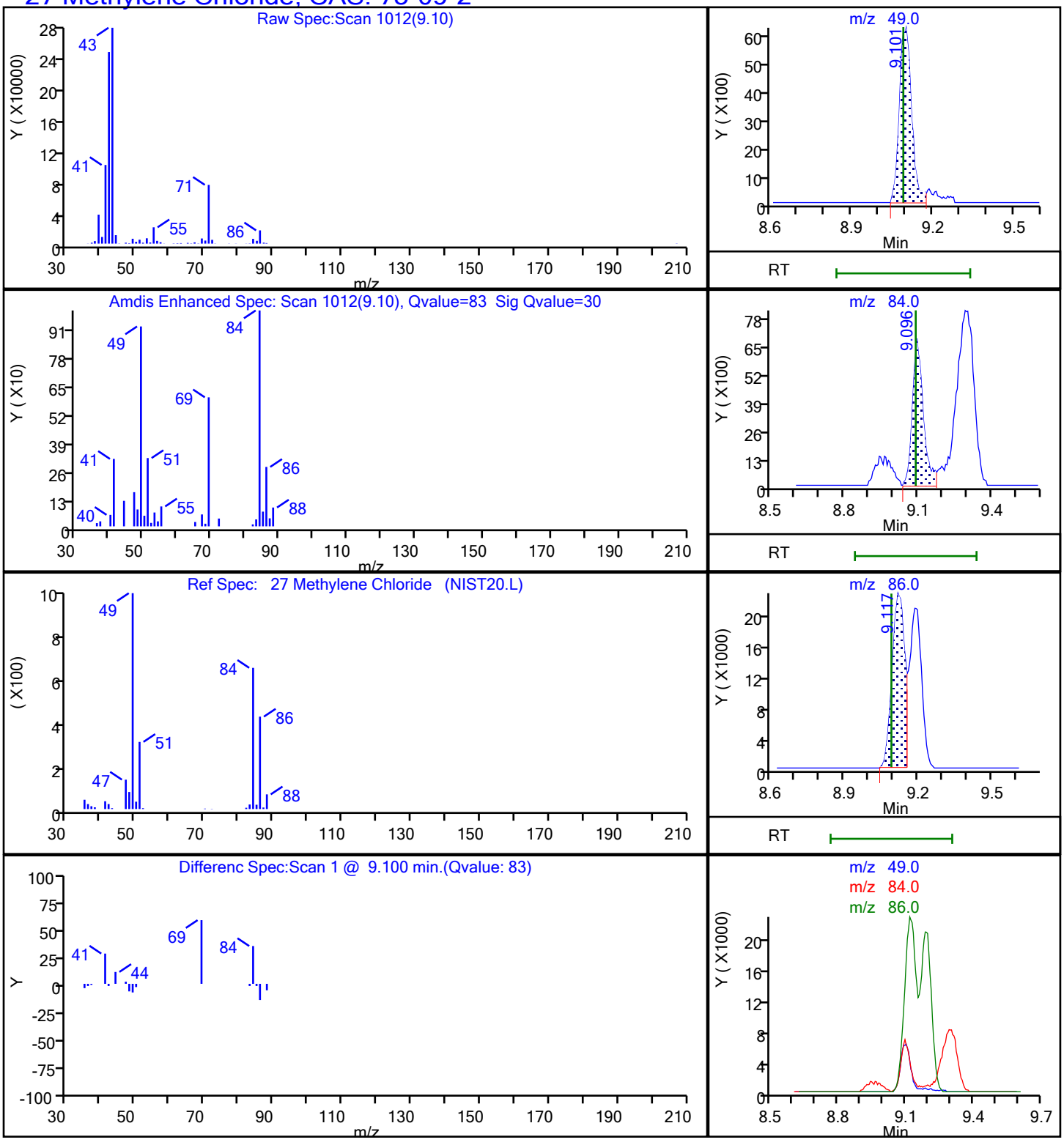
Report Date: 25-Jun-2025 11:39:59 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d

Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2



Report Date: 25-Jun-2025 11:40:00 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d

Injection Date: 24-Jun-2025 21:48:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-4 Lab Sample ID: 200-78438-4

Client ID: RXSV-01

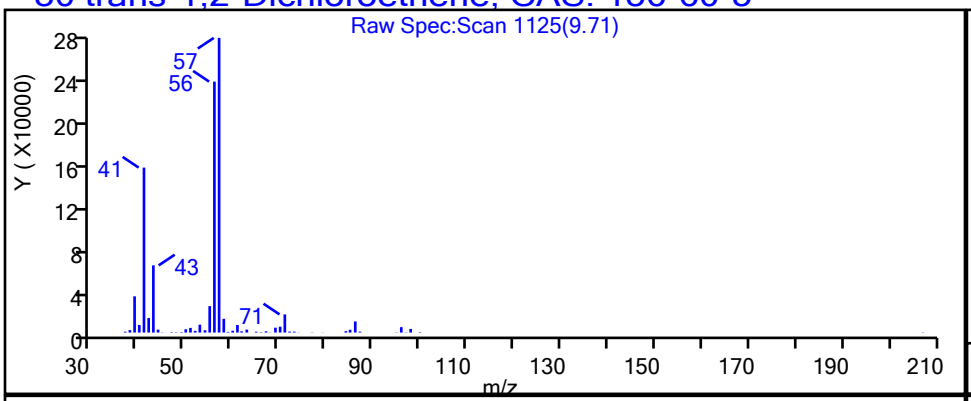
Operator ID: vtp ALS Bottle#: 13 Worklist Smp#: 14

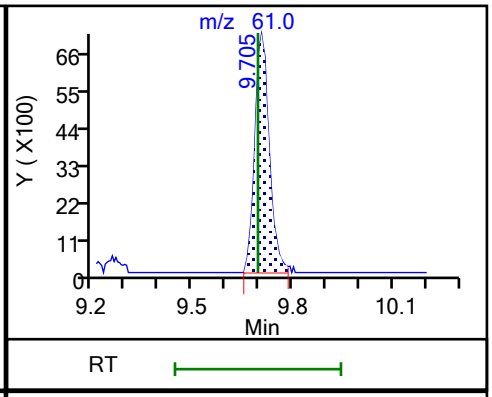
Purge Vol: 200.000 mL Dil. Factor: 10.0000

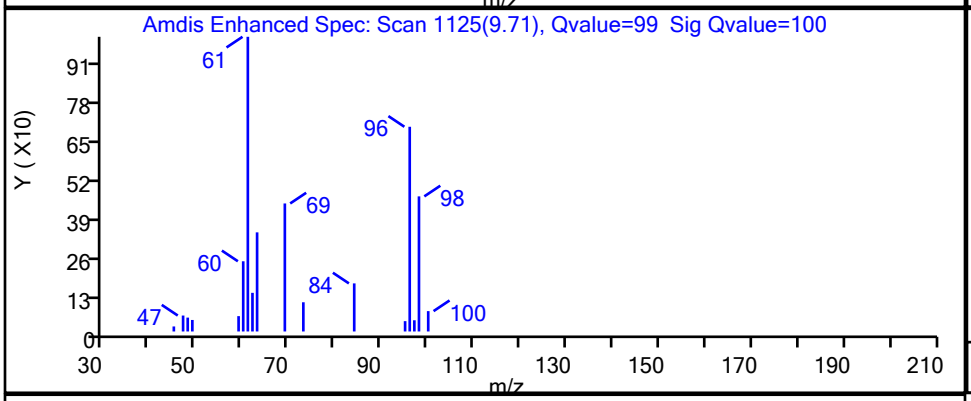
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

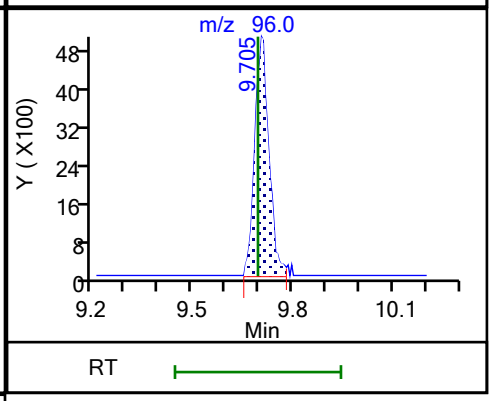
Column: RTX-624 (0.32 mm) Detector MS SCAN

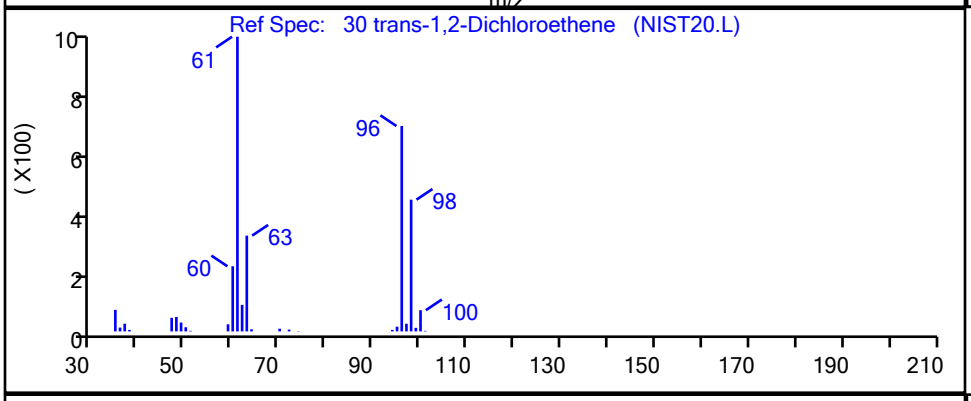
30 trans-1,2-Dichloroethene, CAS: 156-60-5

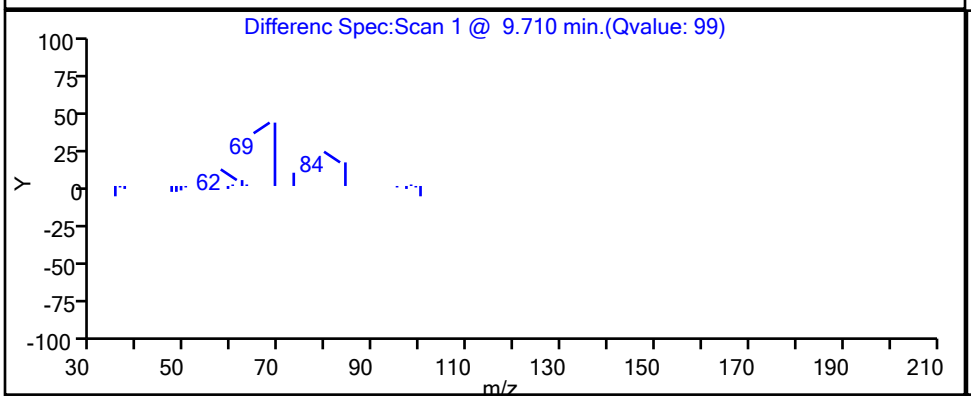


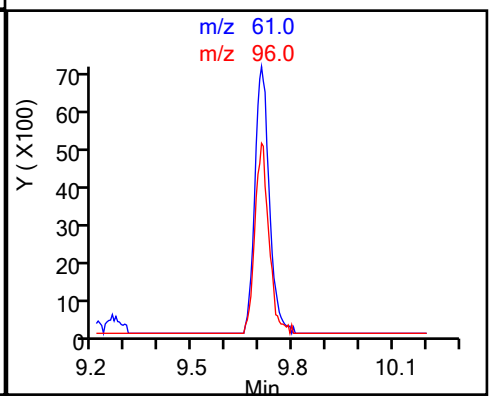












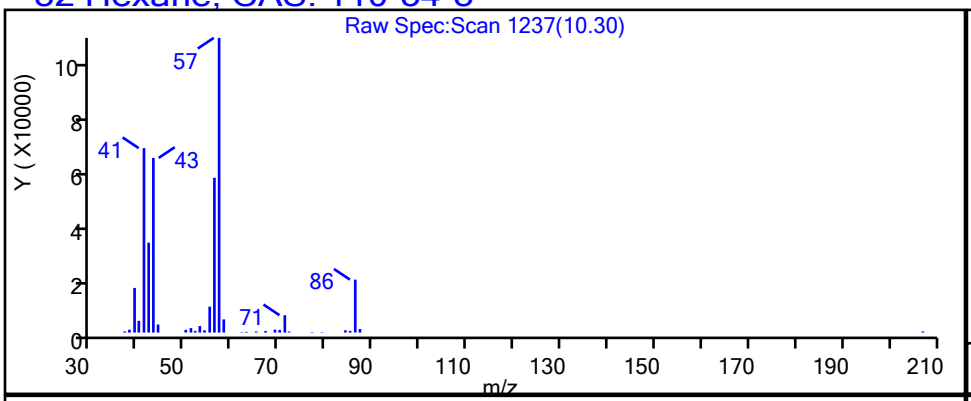
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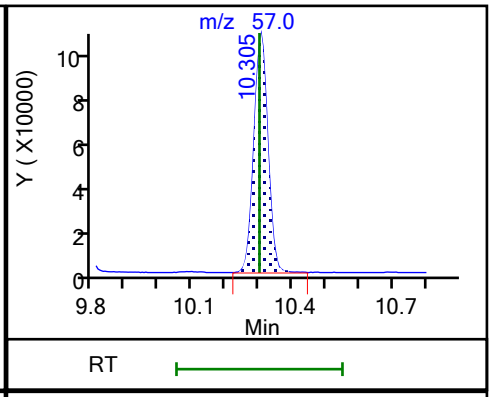
Eurofins Burlington

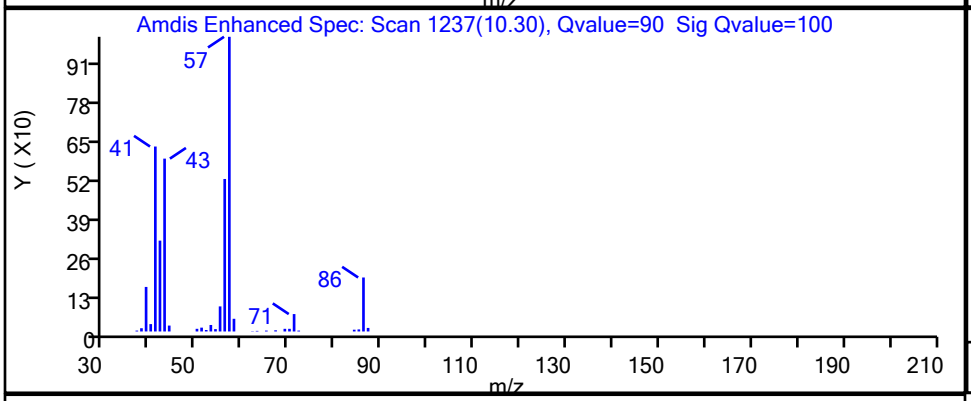
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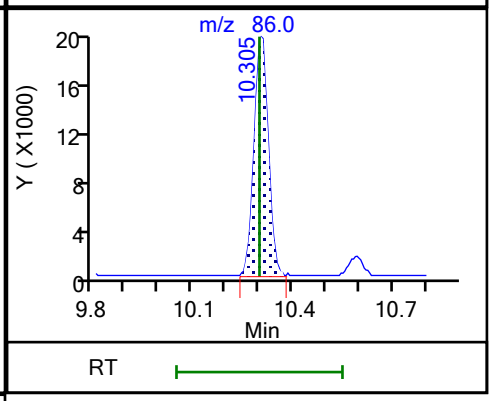
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Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

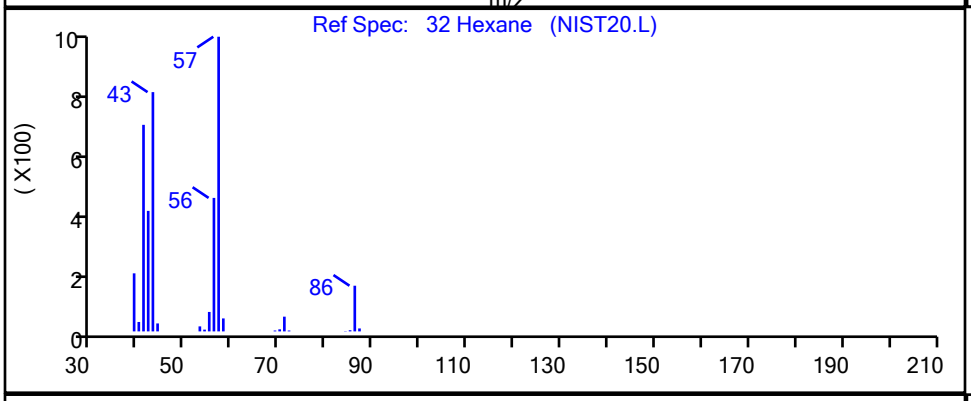
32 Hexane, CAS: 110-54-3

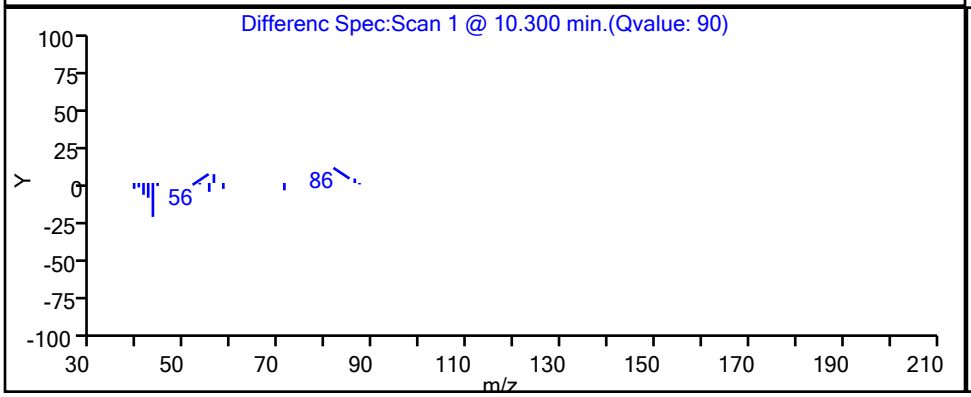


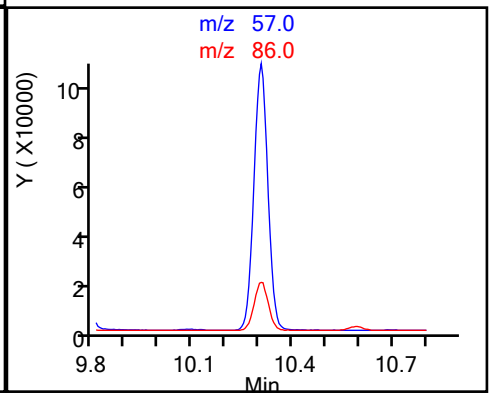












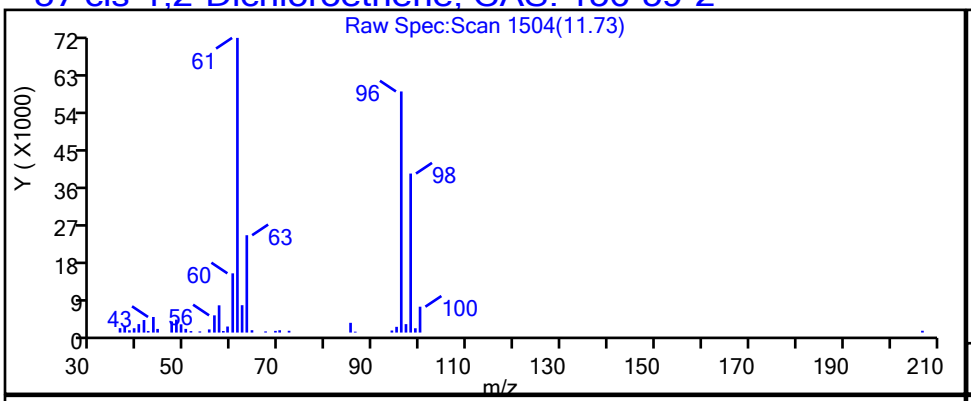
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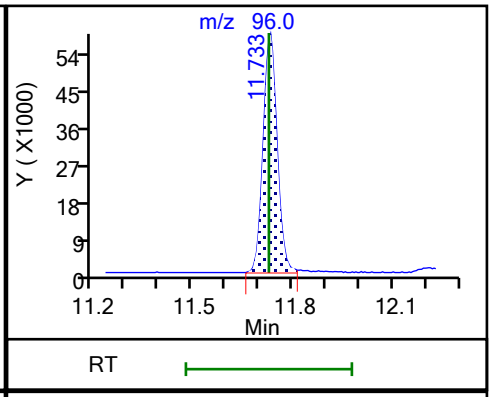
Eurofins Burlington

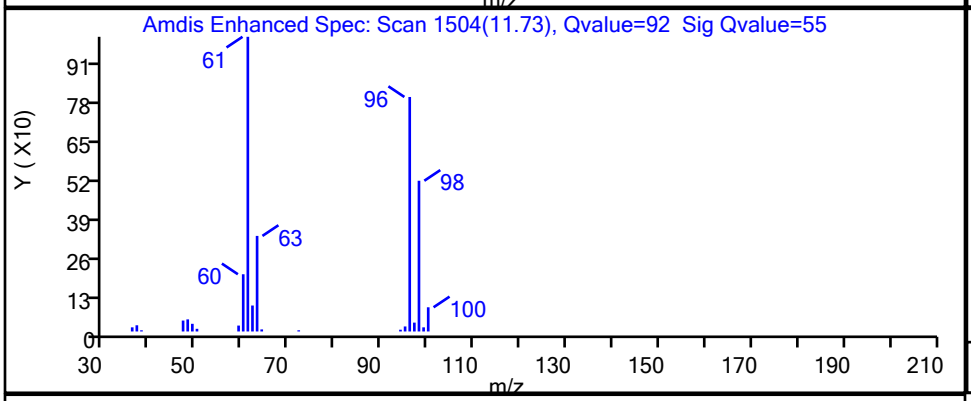
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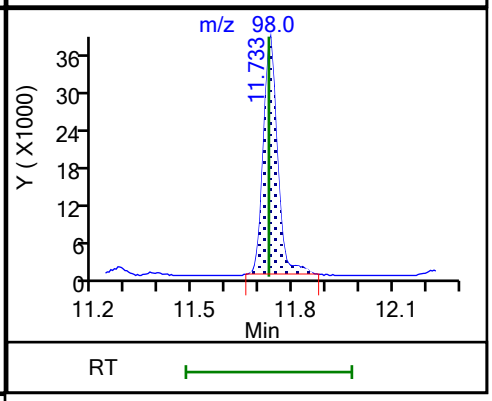
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Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

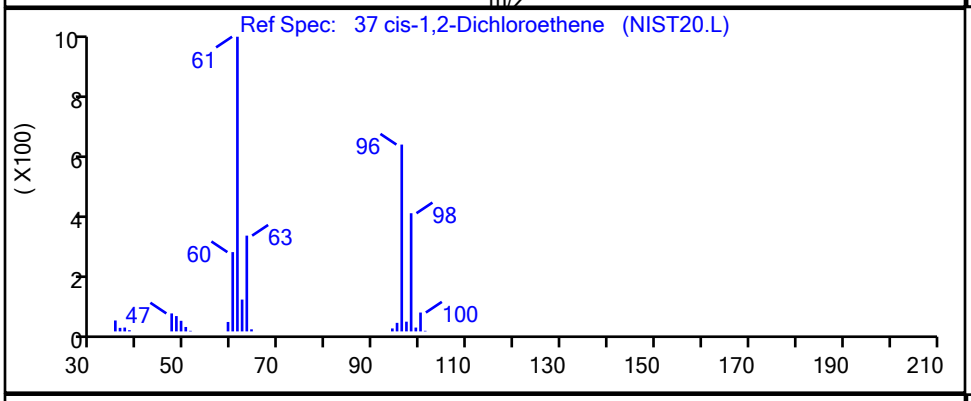
37 cis-1,2-Dichloroethene, CAS: 156-59-2

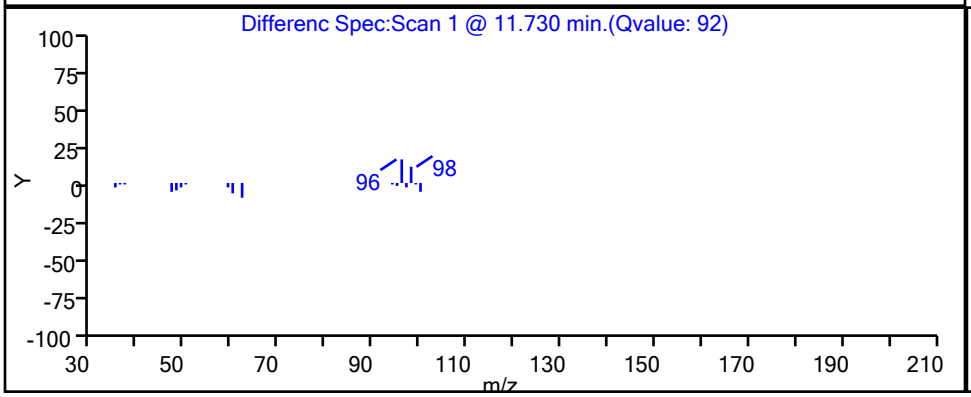


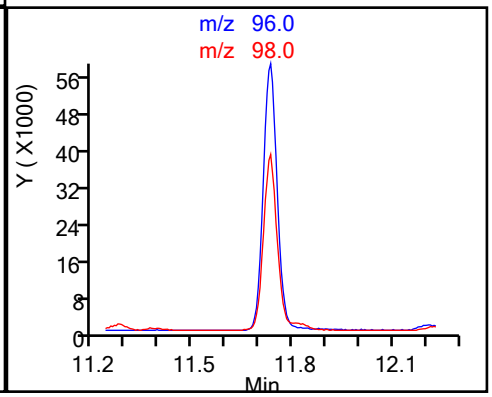












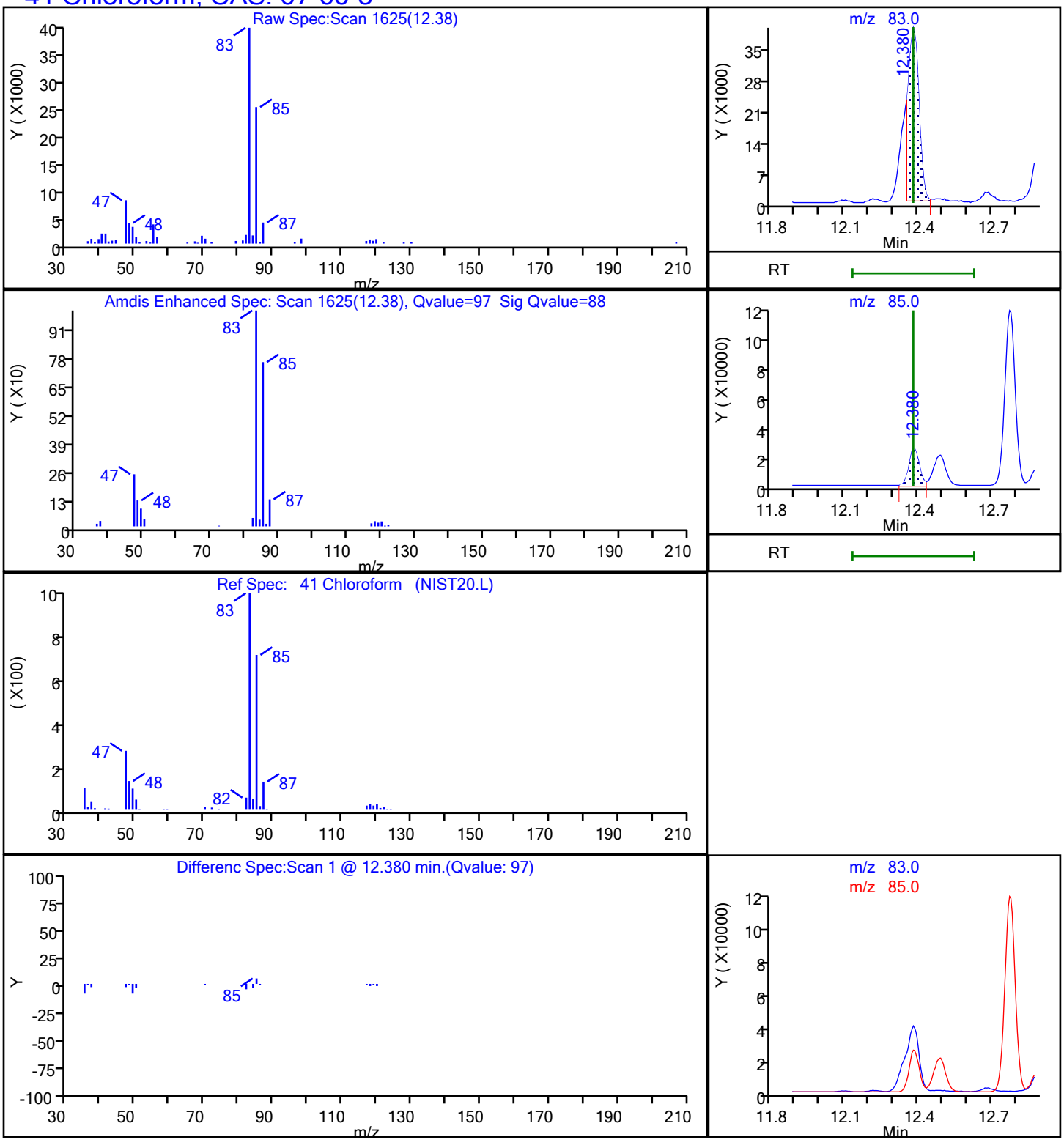
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d

Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

41 Chloroform, CAS: 67-66-3



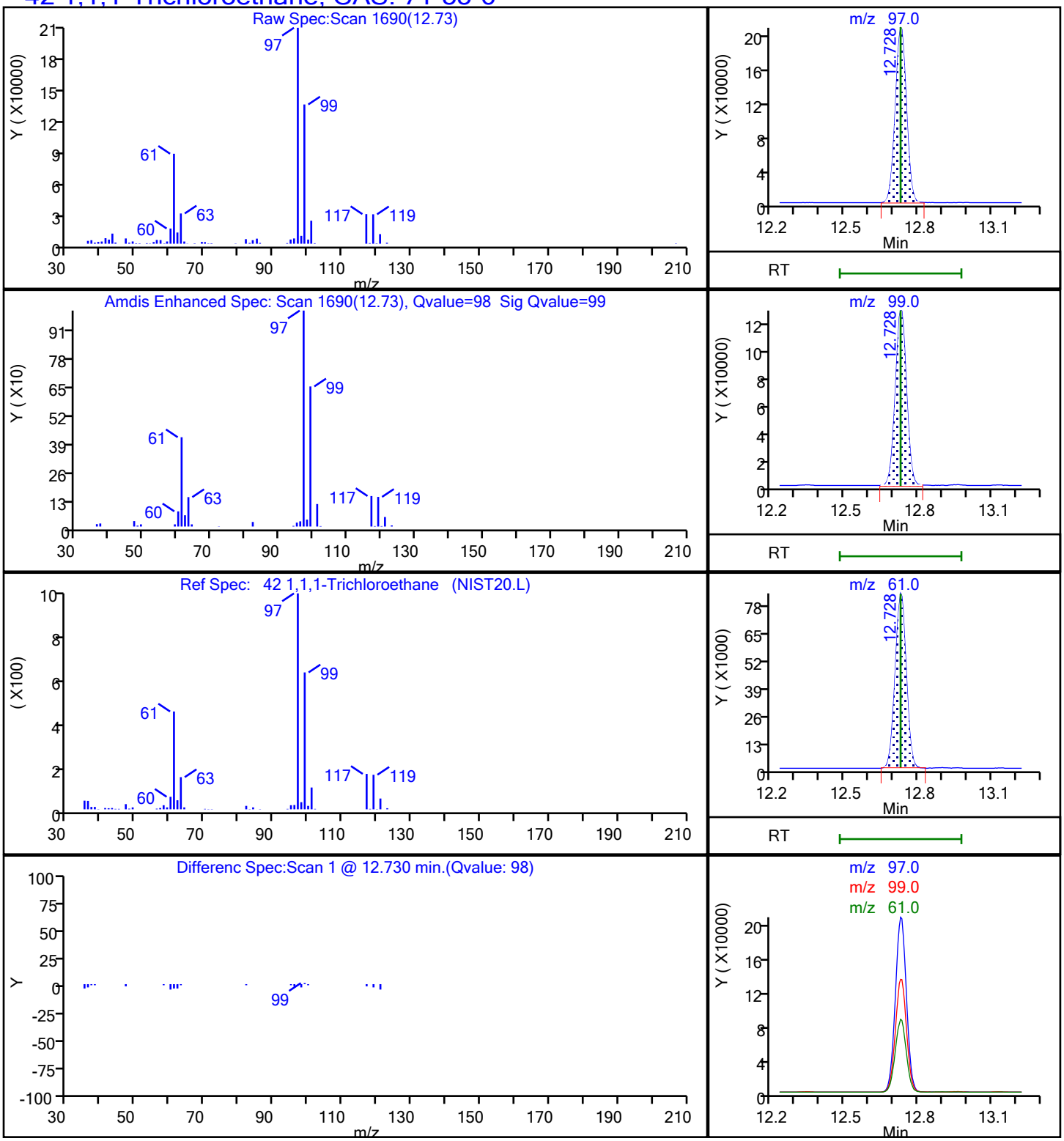
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d

Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



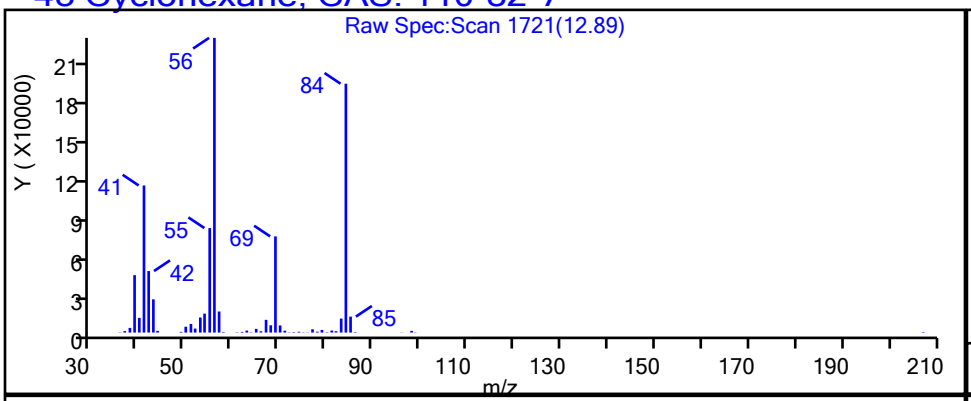
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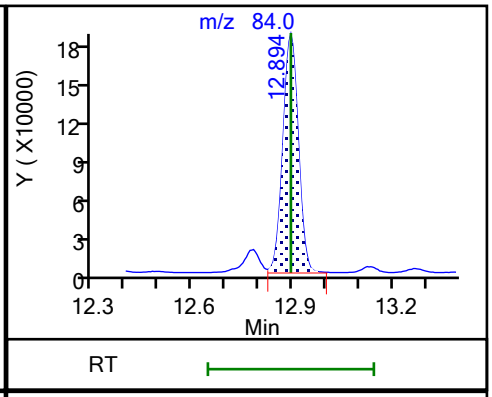
Eurofins Burlington

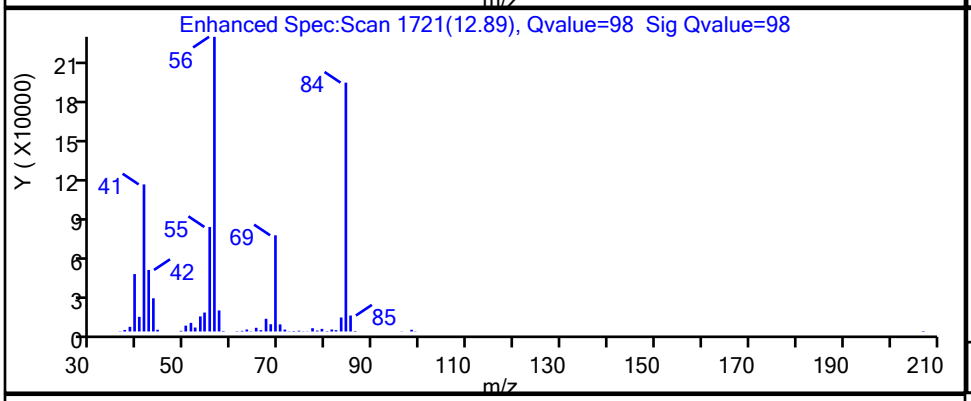
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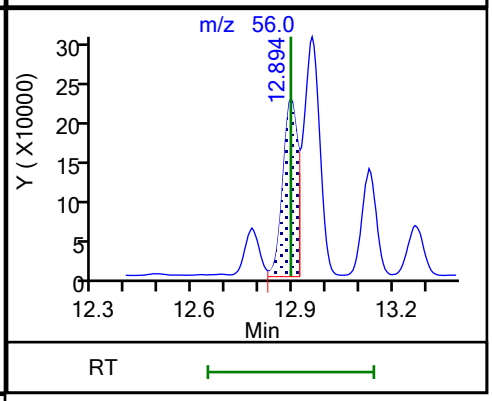
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
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Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

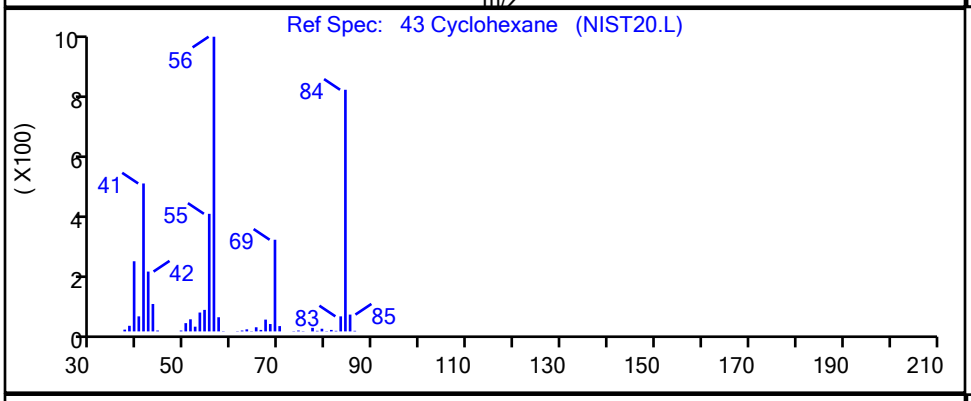
43 Cyclohexane, CAS: 110-82-7

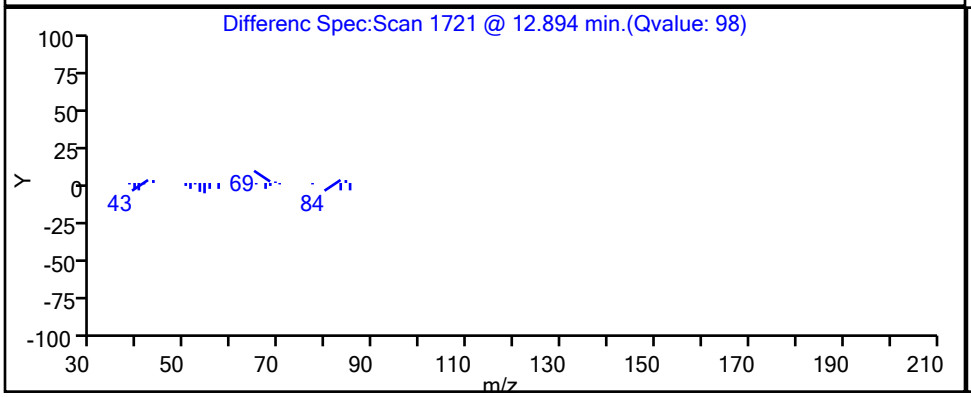


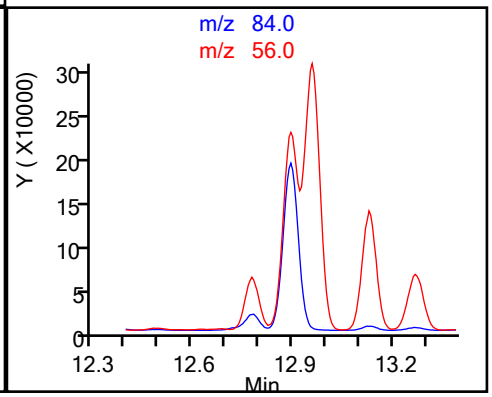












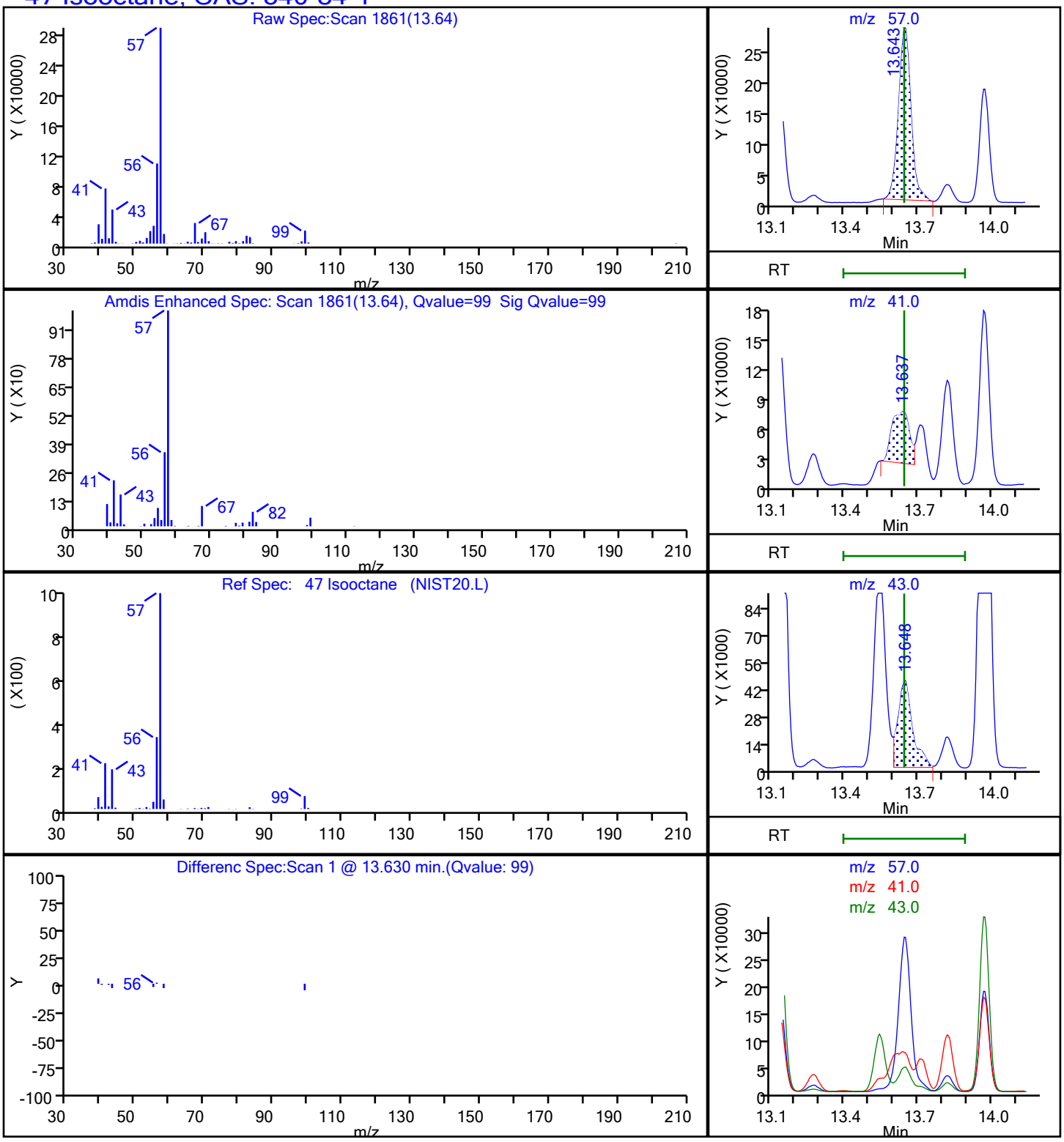
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Eurofins Burlington

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Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Isooctane, CAS: 540-84-1



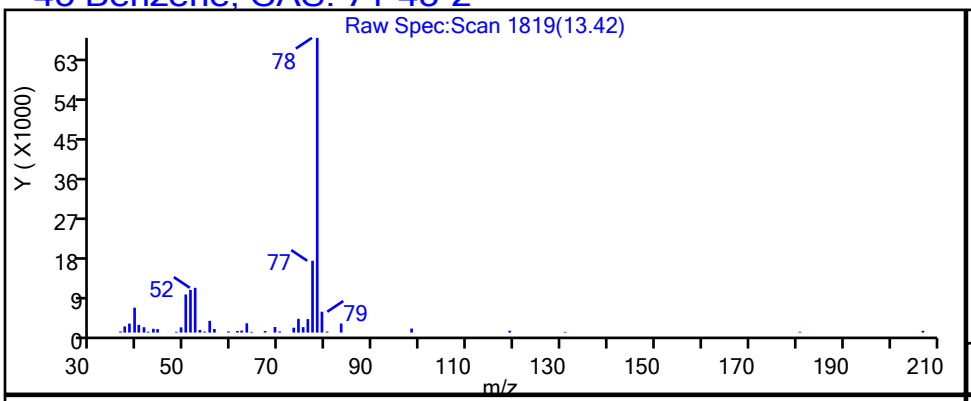
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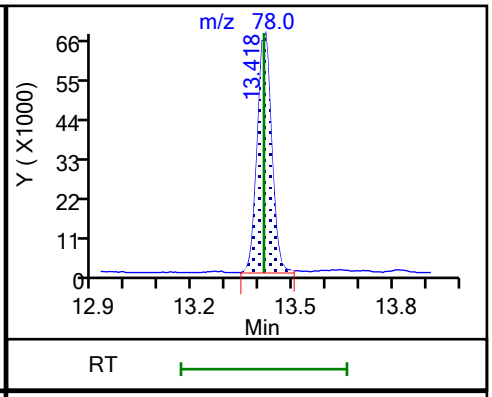
Eurofins Burlington

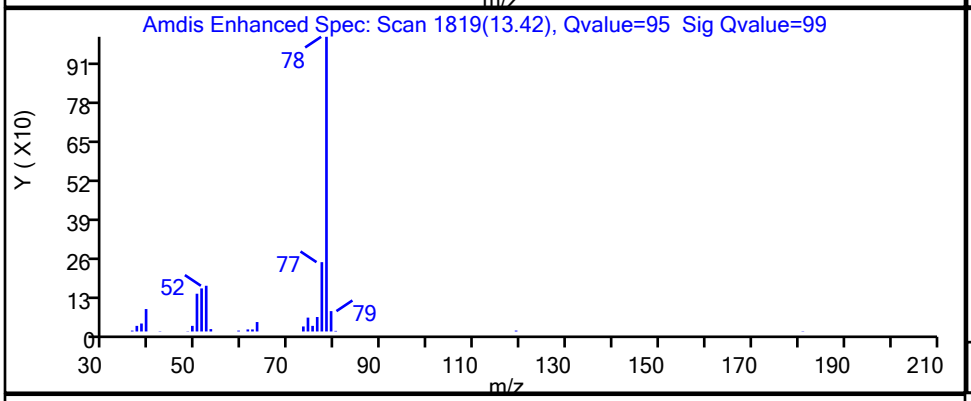
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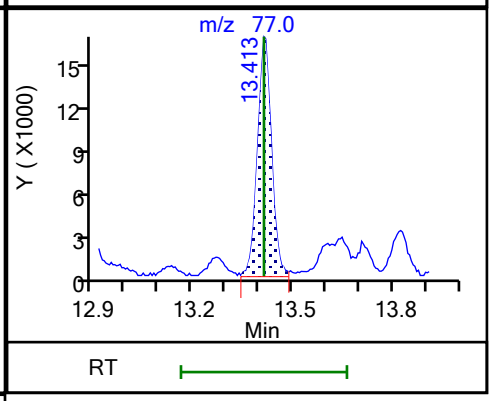
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

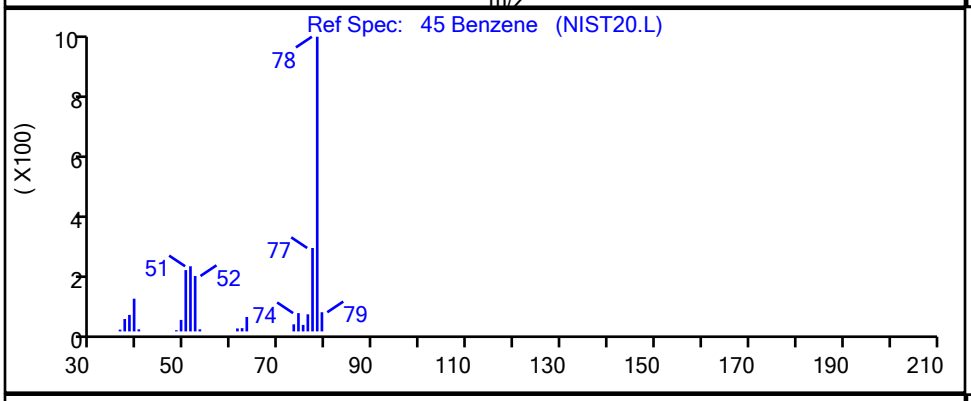
45 Benzene, CAS: 71-43-2

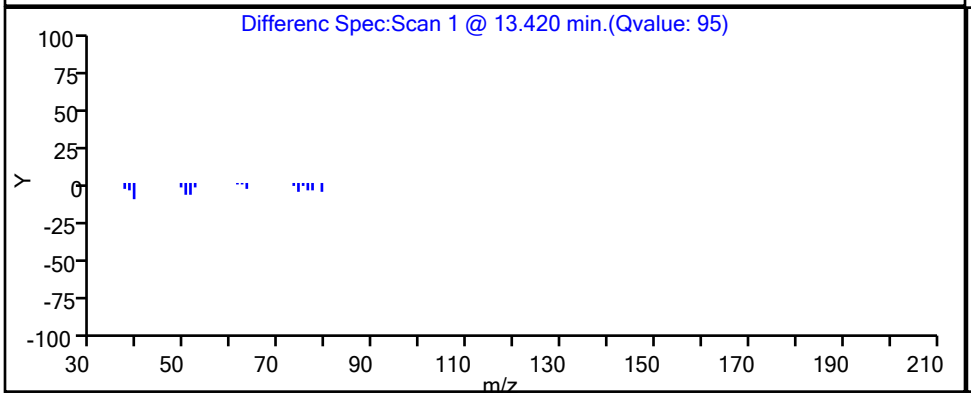


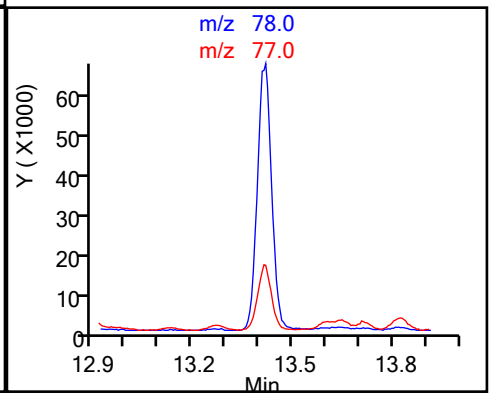












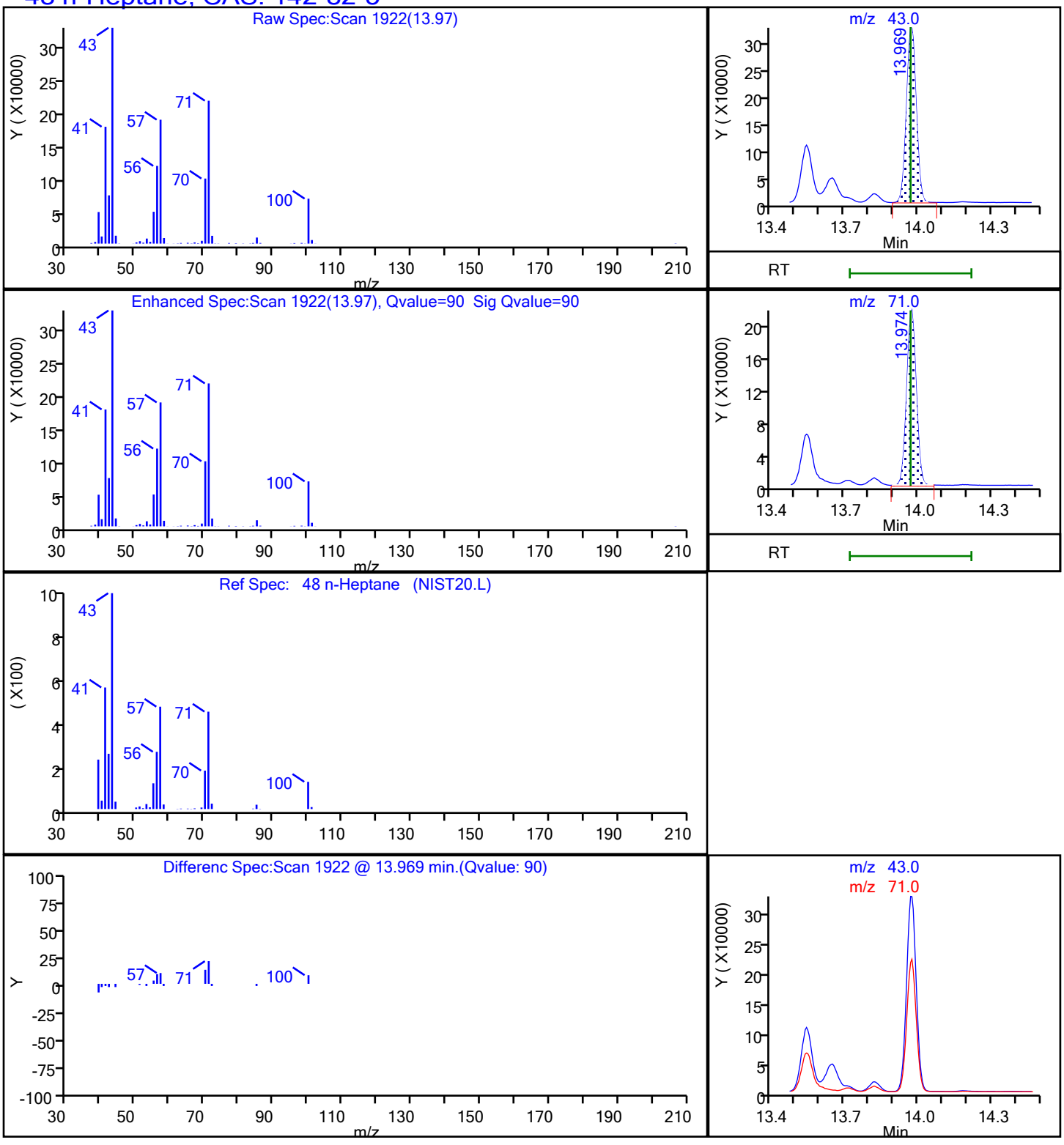
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d

Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



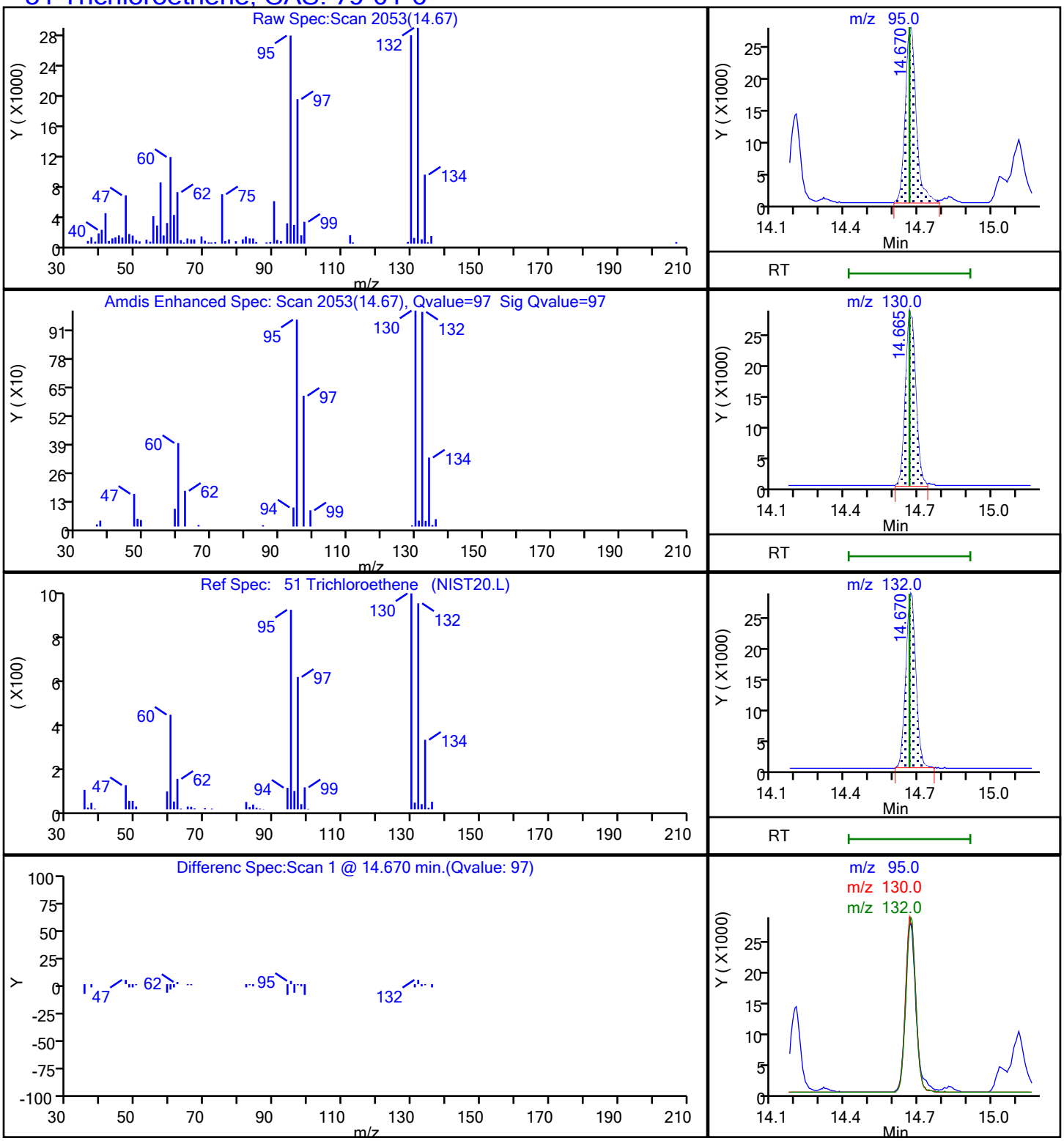
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Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

51 Trichloroethene, CAS: 79-01-6



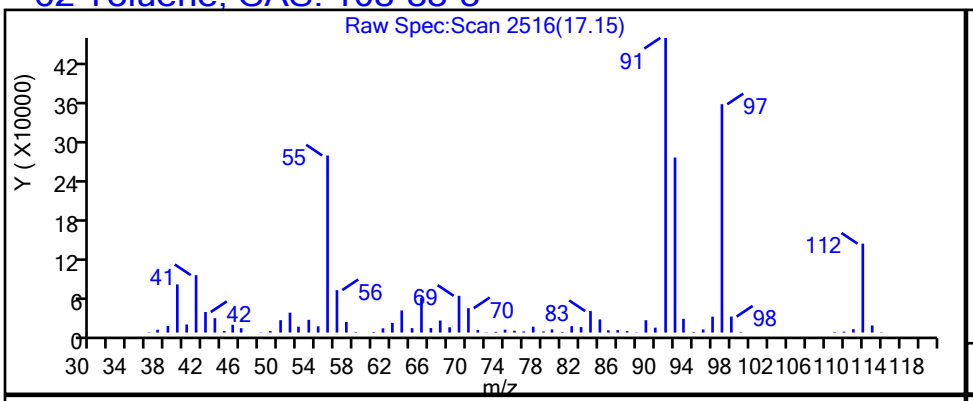
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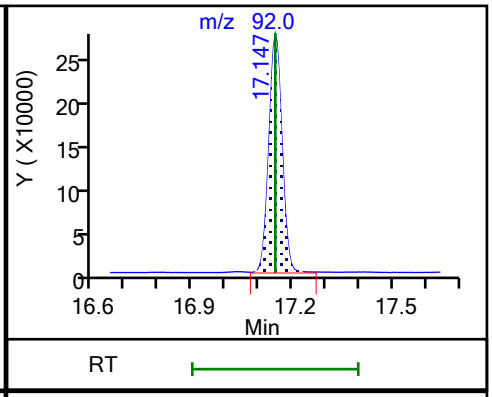
Eurofins Burlington

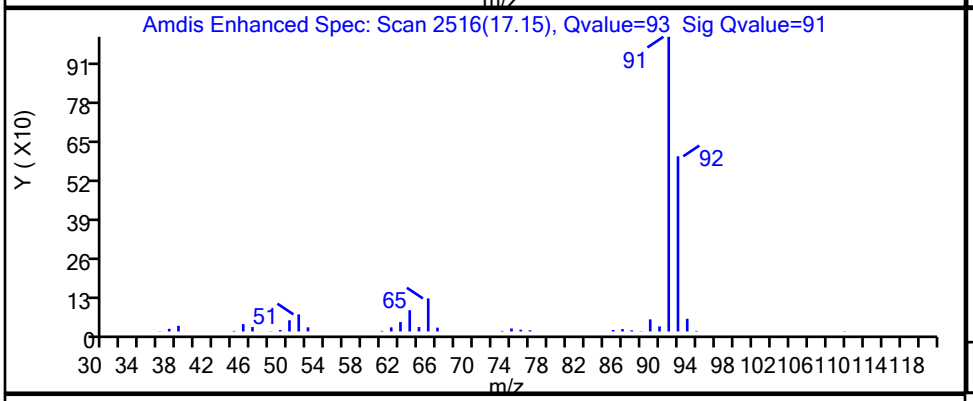
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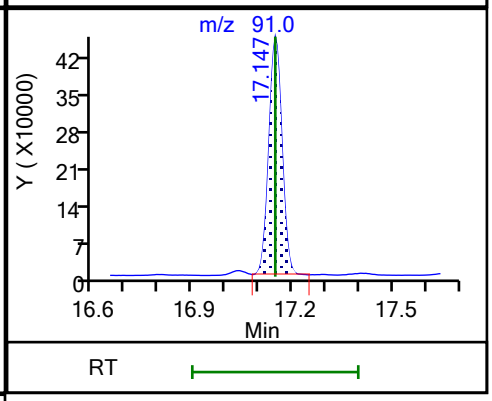
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Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

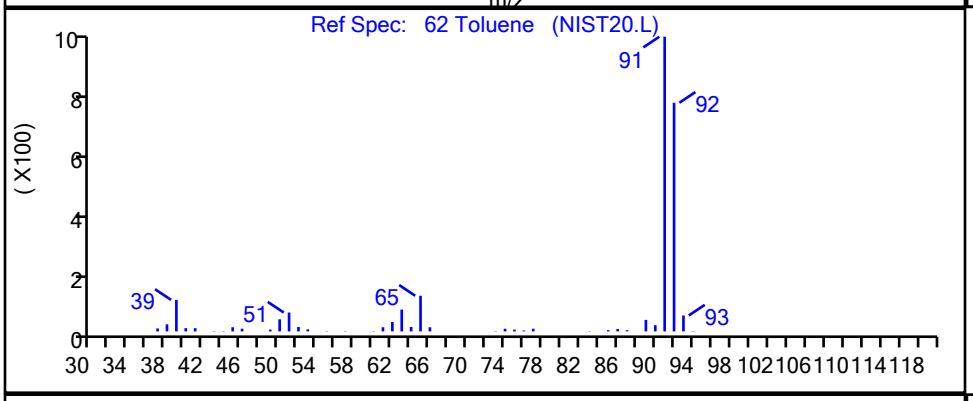
62 Toluene, CAS: 108-88-3

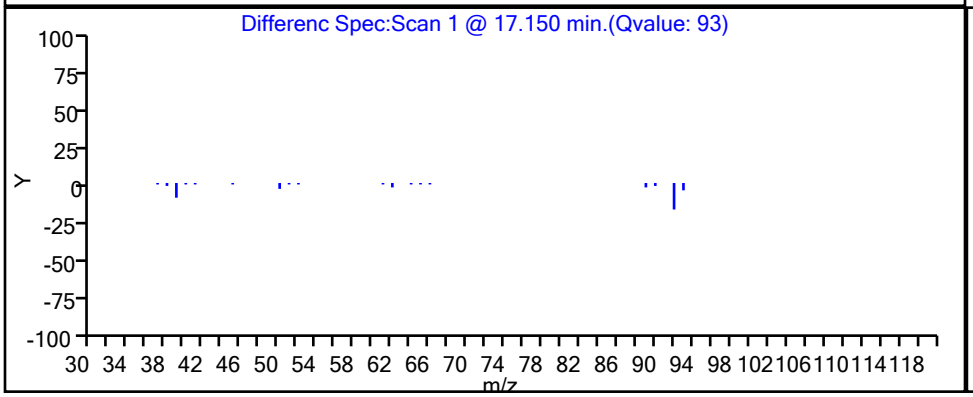


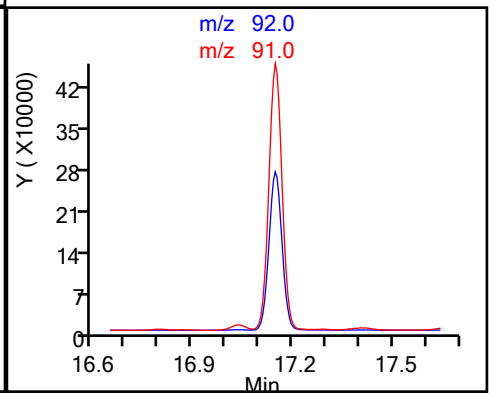












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Eurofins Burlington

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Injection Date: 24-Jun-2025 21:48:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-4 Lab Sample ID: 200-78438-4

Client ID: RXSV-01

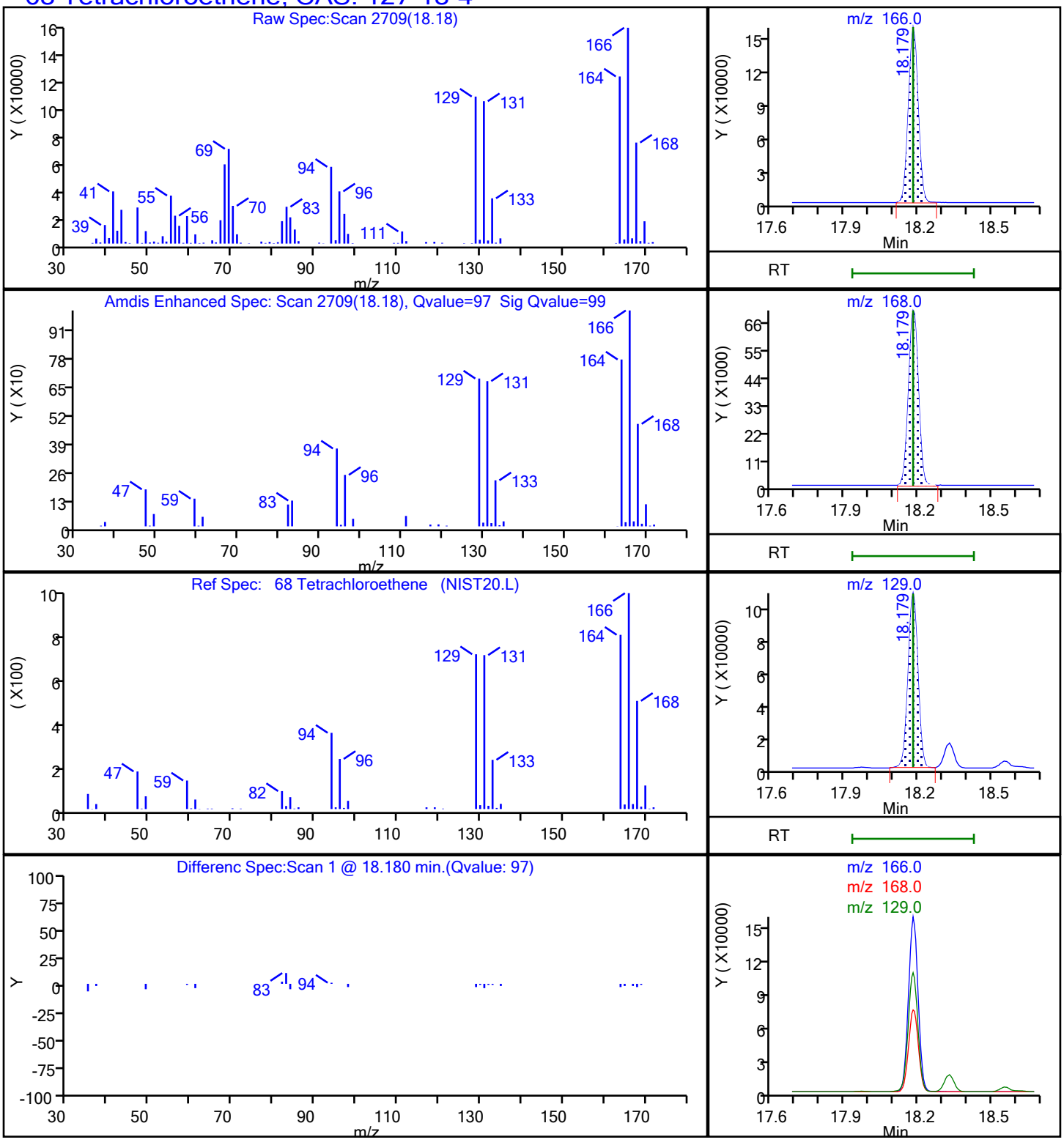
Operator ID: vtp ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 200.000 mL Dil. Factor: 10.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

68 Tetrachloroethene, CAS: 127-18-4



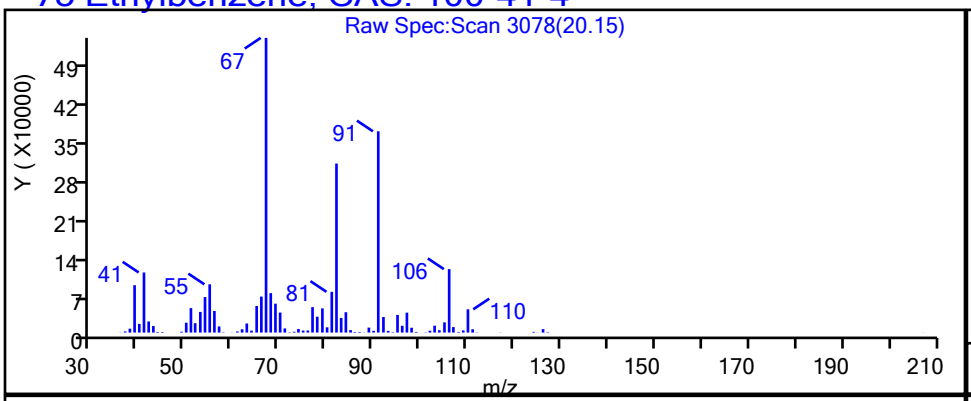
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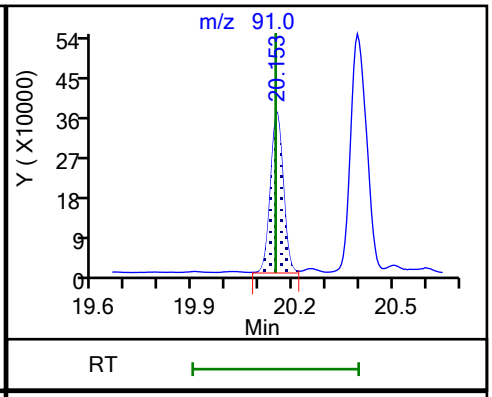
Eurofins Burlington

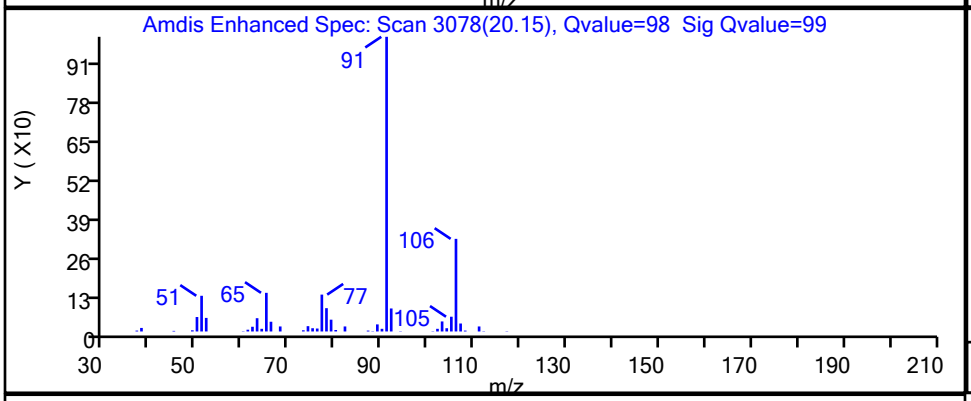
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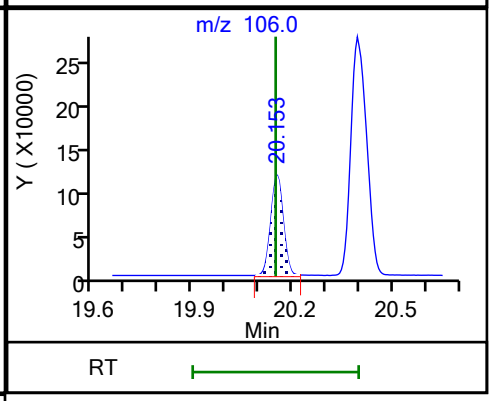
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

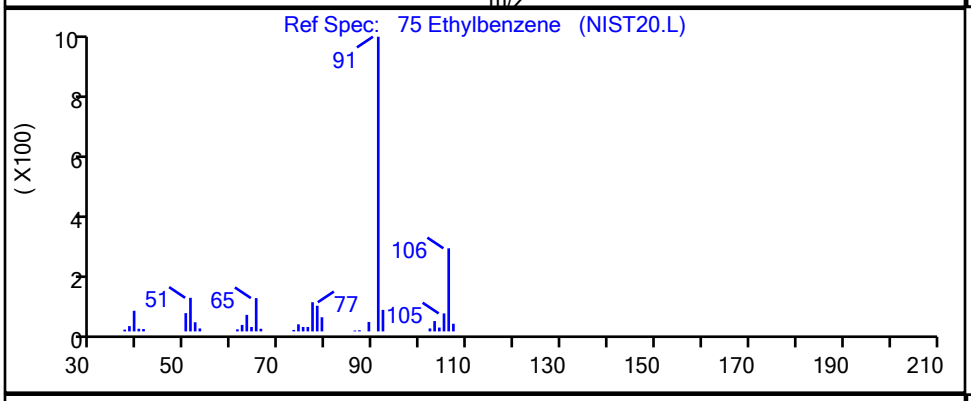
75 Ethylbenzene, CAS: 100-41-4

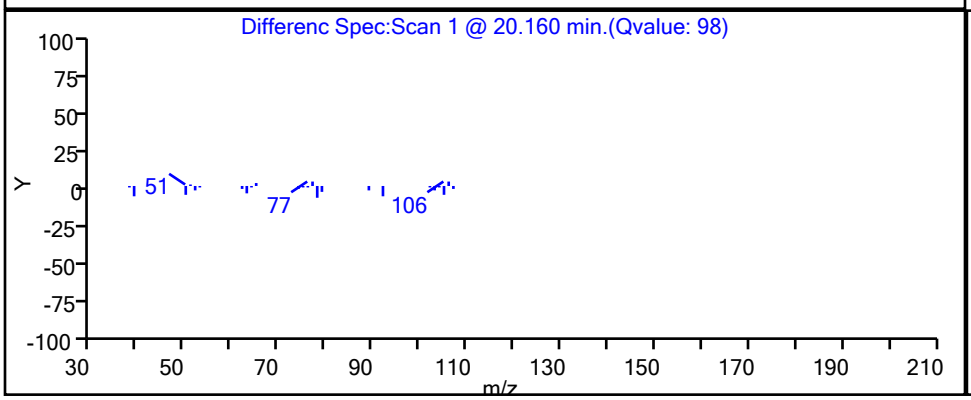


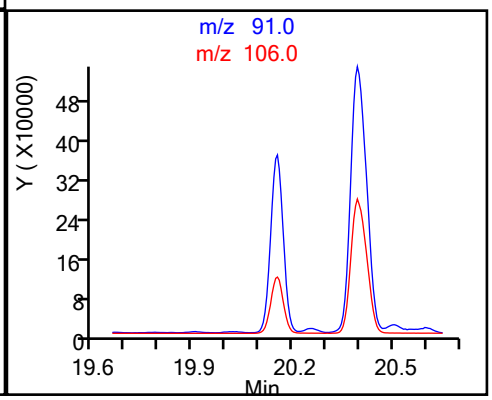












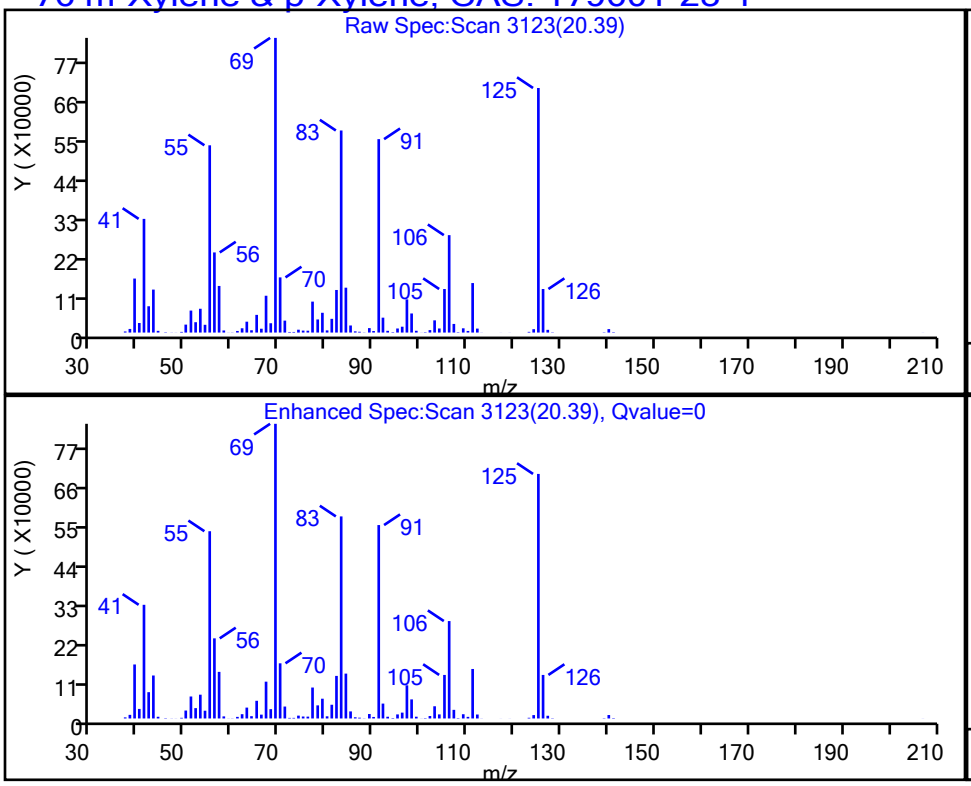
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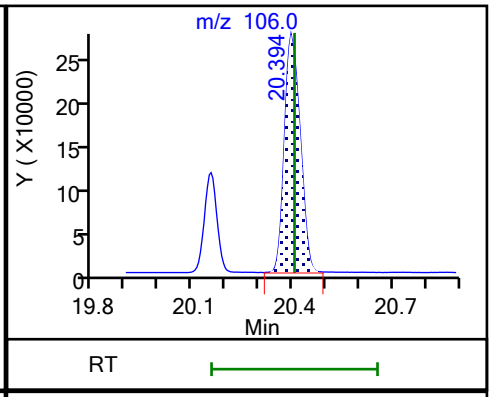
Eurofins Burlington

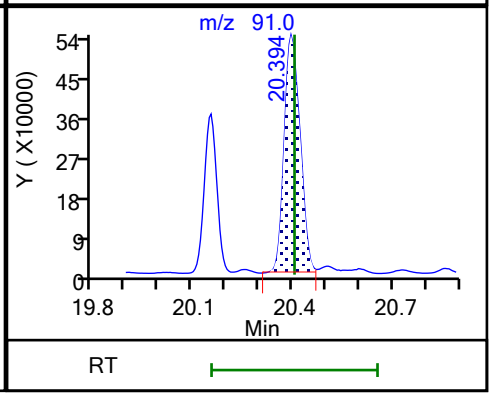
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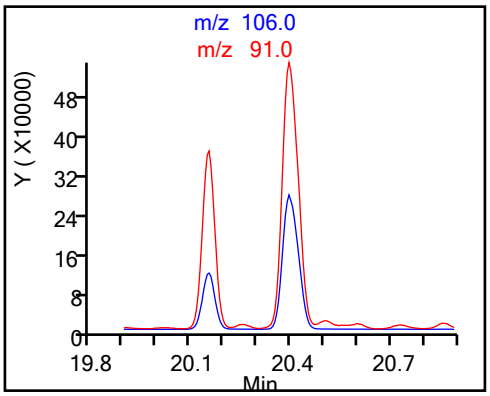
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Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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









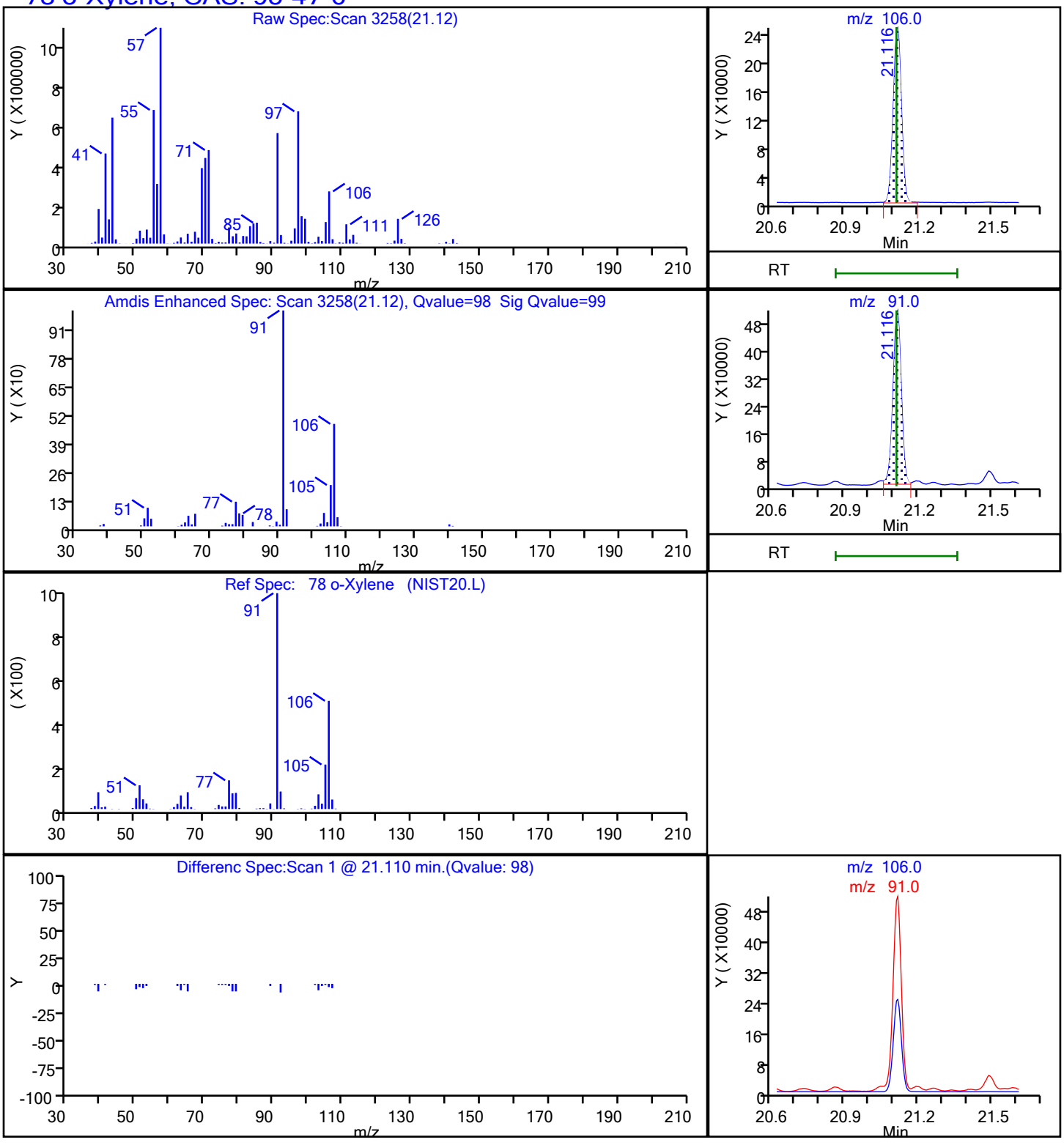
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Eurofins Burlington

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Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



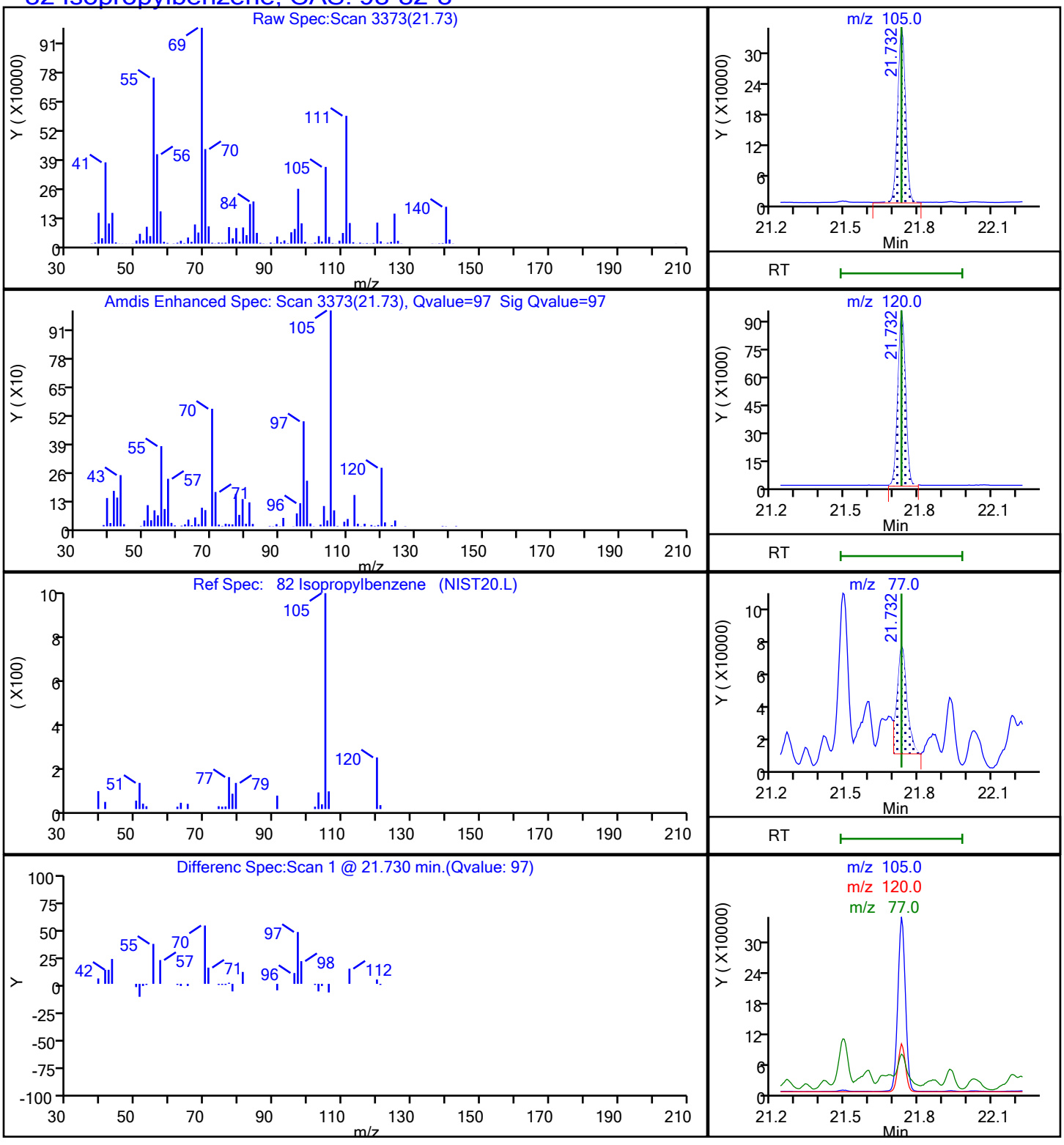
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Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
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Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8



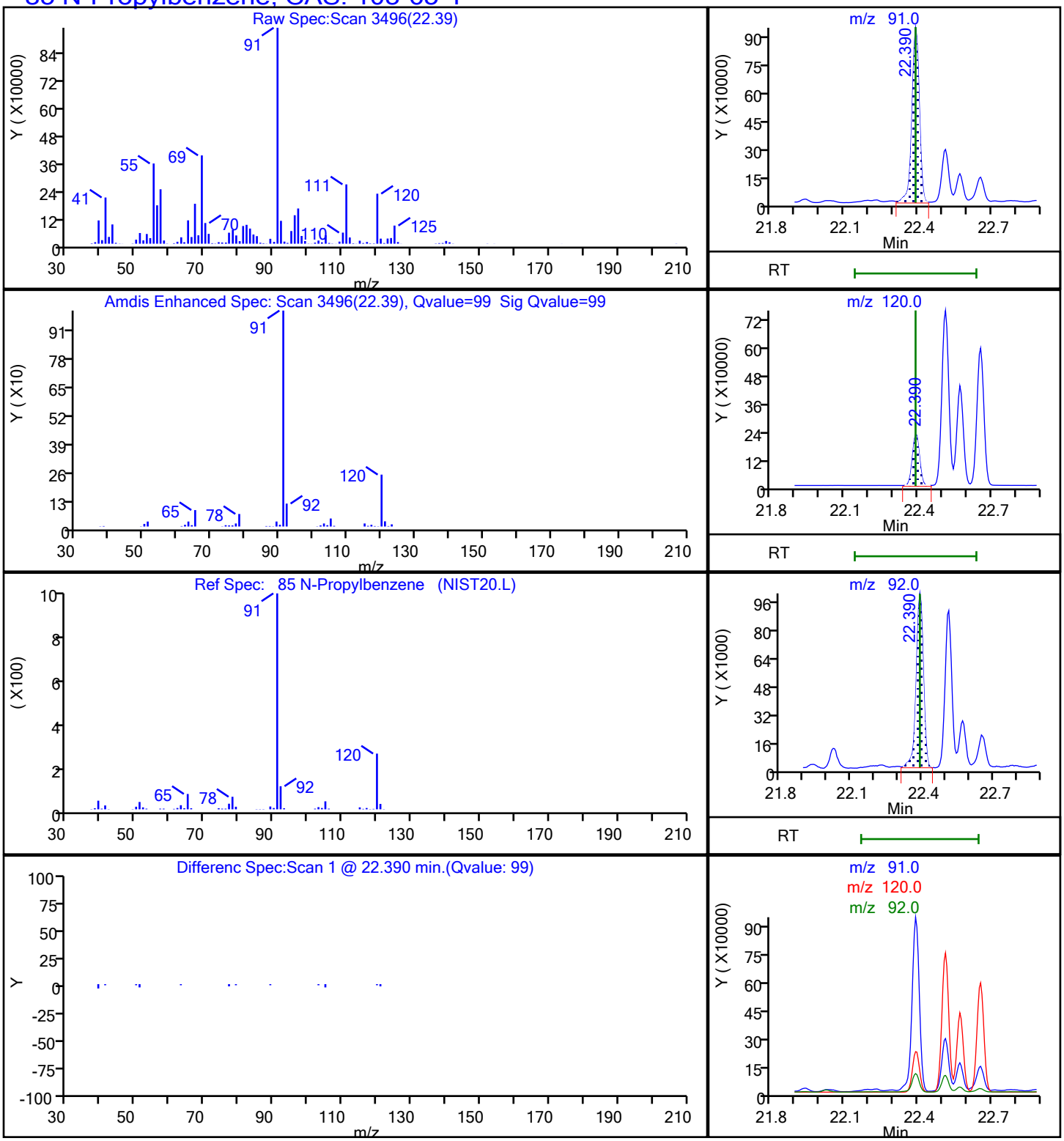
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Eurofins Burlington

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Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 N-Propylbenzene, CAS: 103-65-1



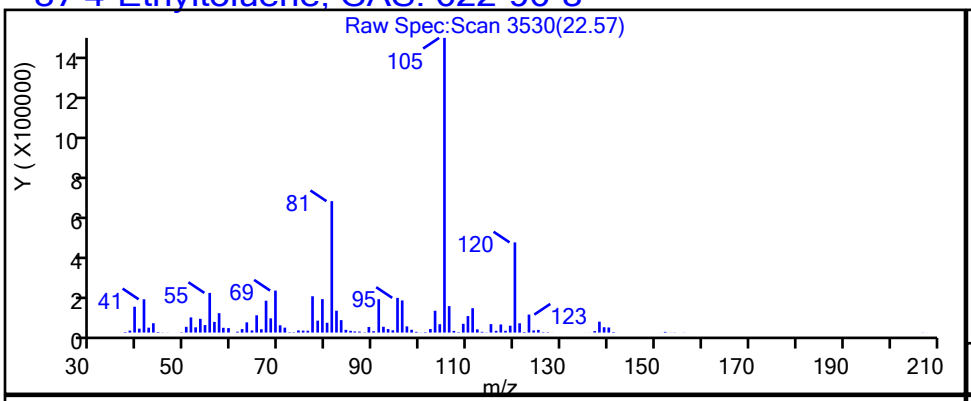
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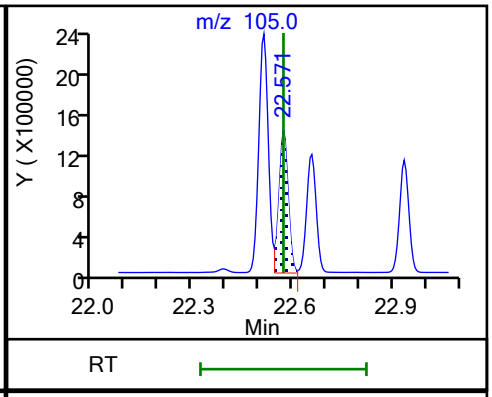
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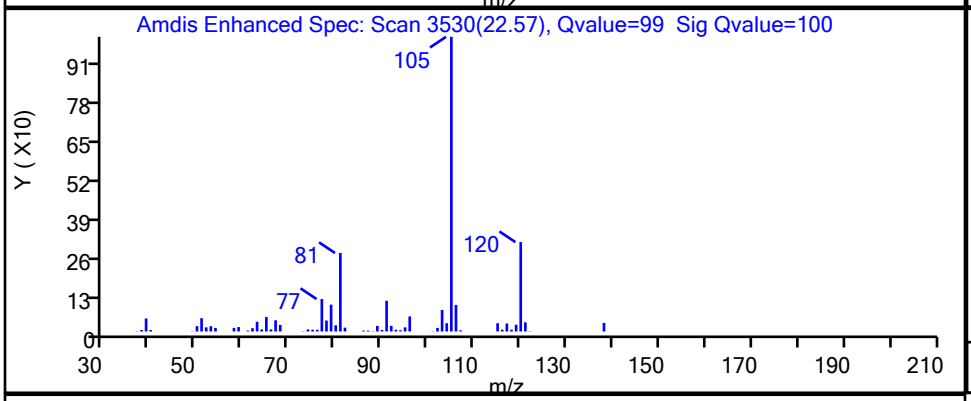
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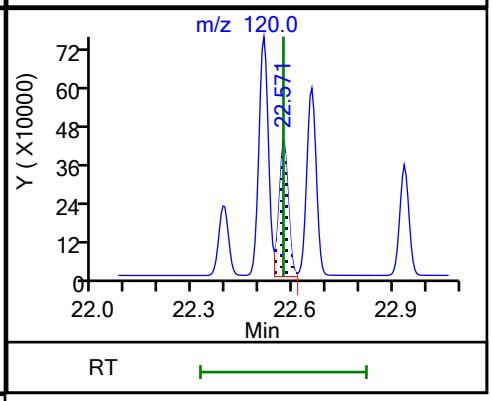
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Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
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Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

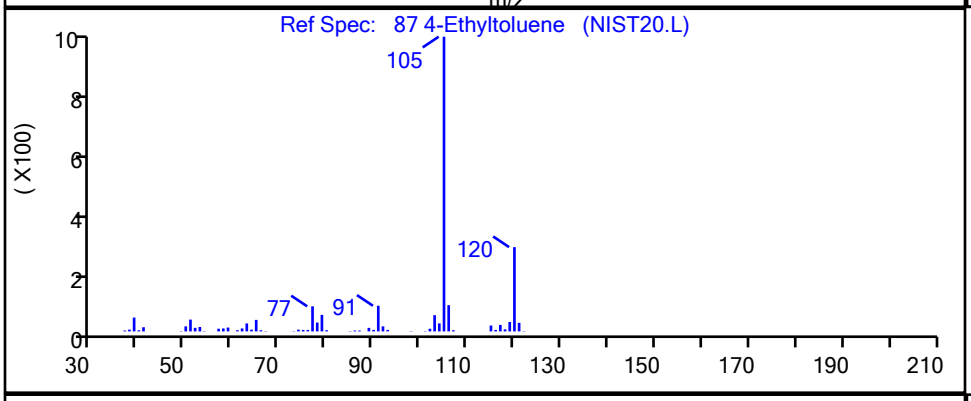
87 4-Ethyltoluene, CAS: 622-96-8

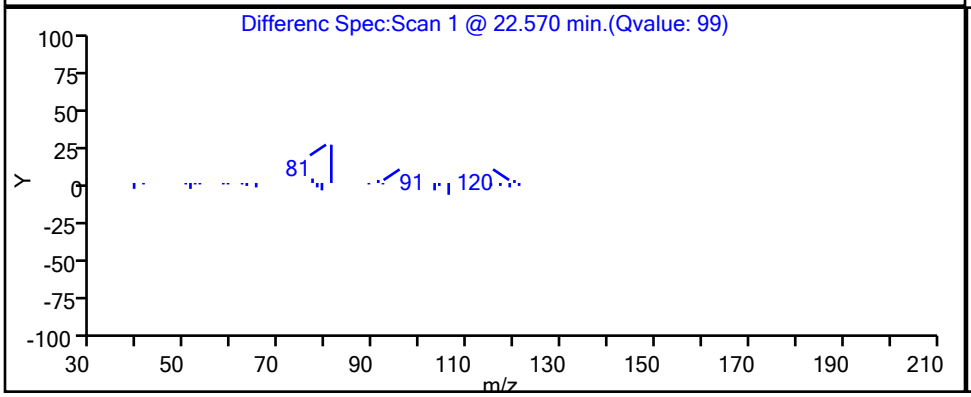


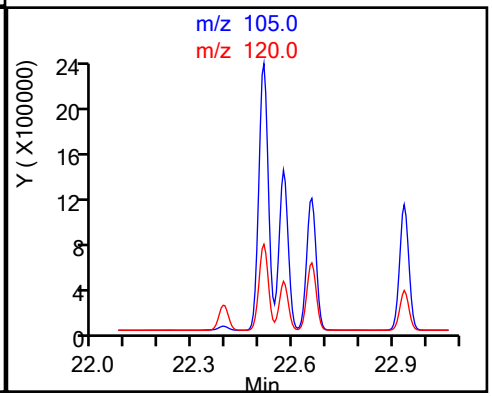










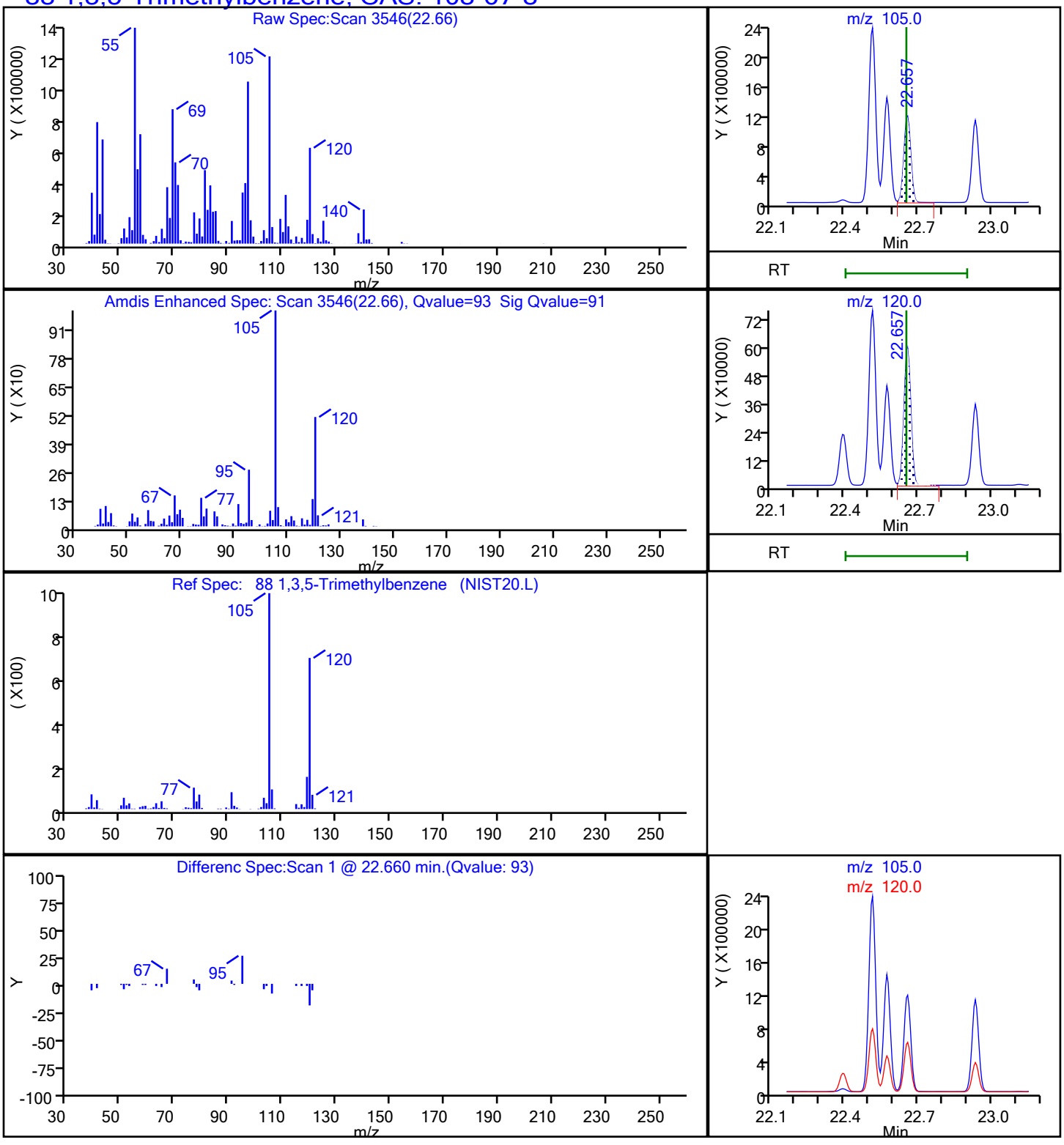


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Eurofins Burlington

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Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



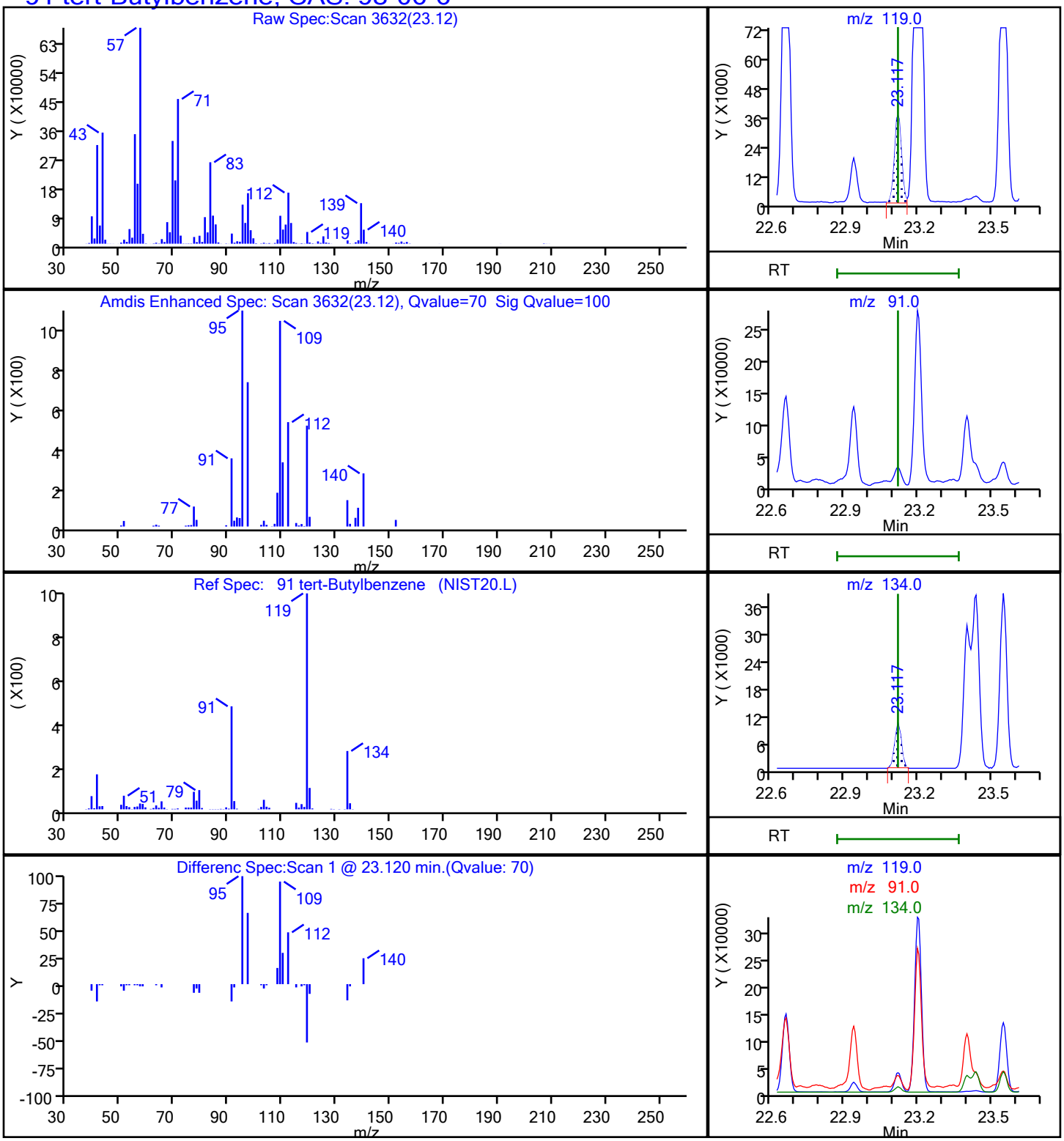
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d

Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



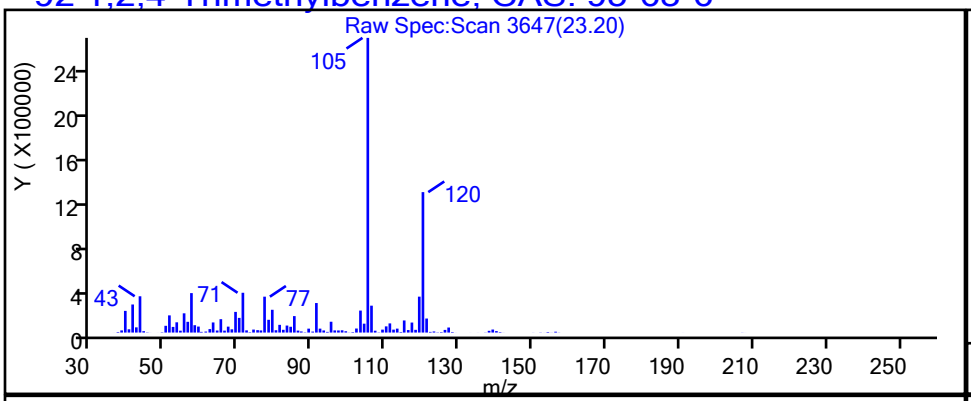
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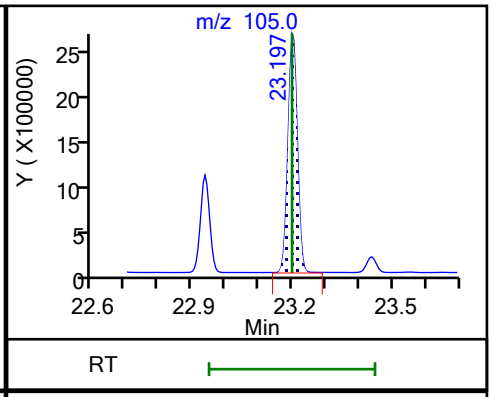
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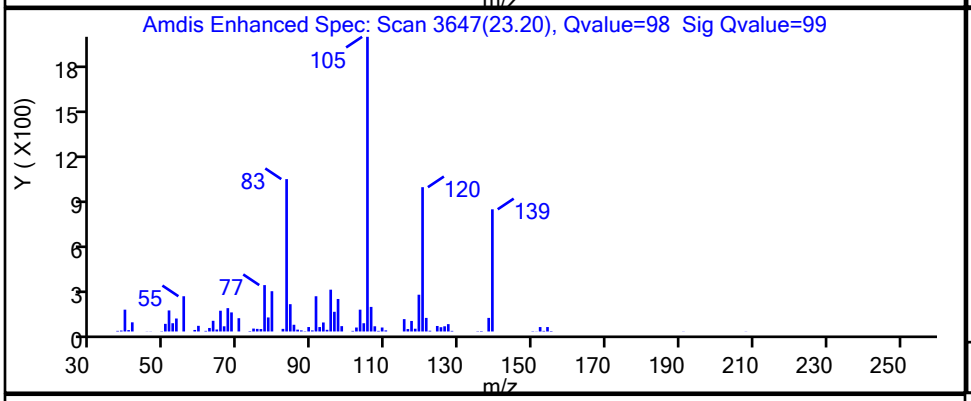
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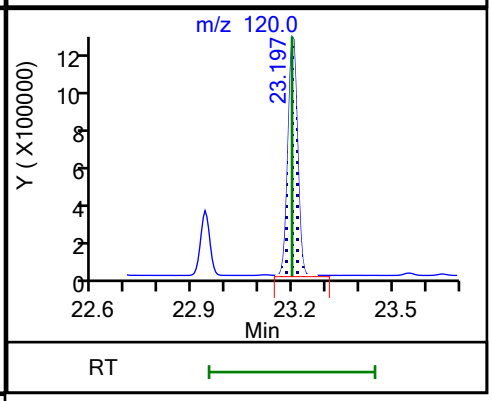
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Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

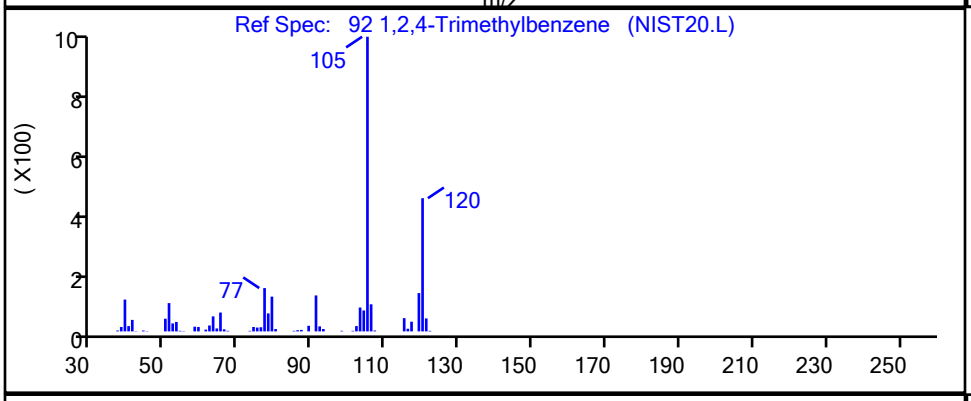
92 1,2,4-Trimethylbenzene, CAS: 95-63-6

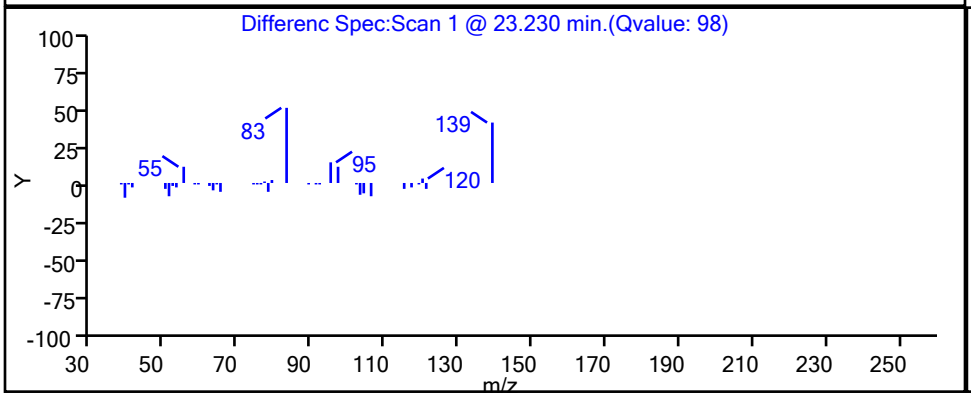


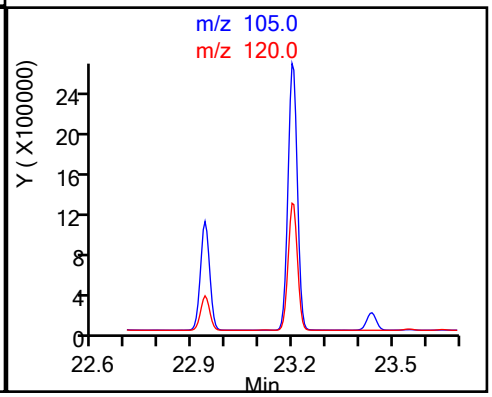












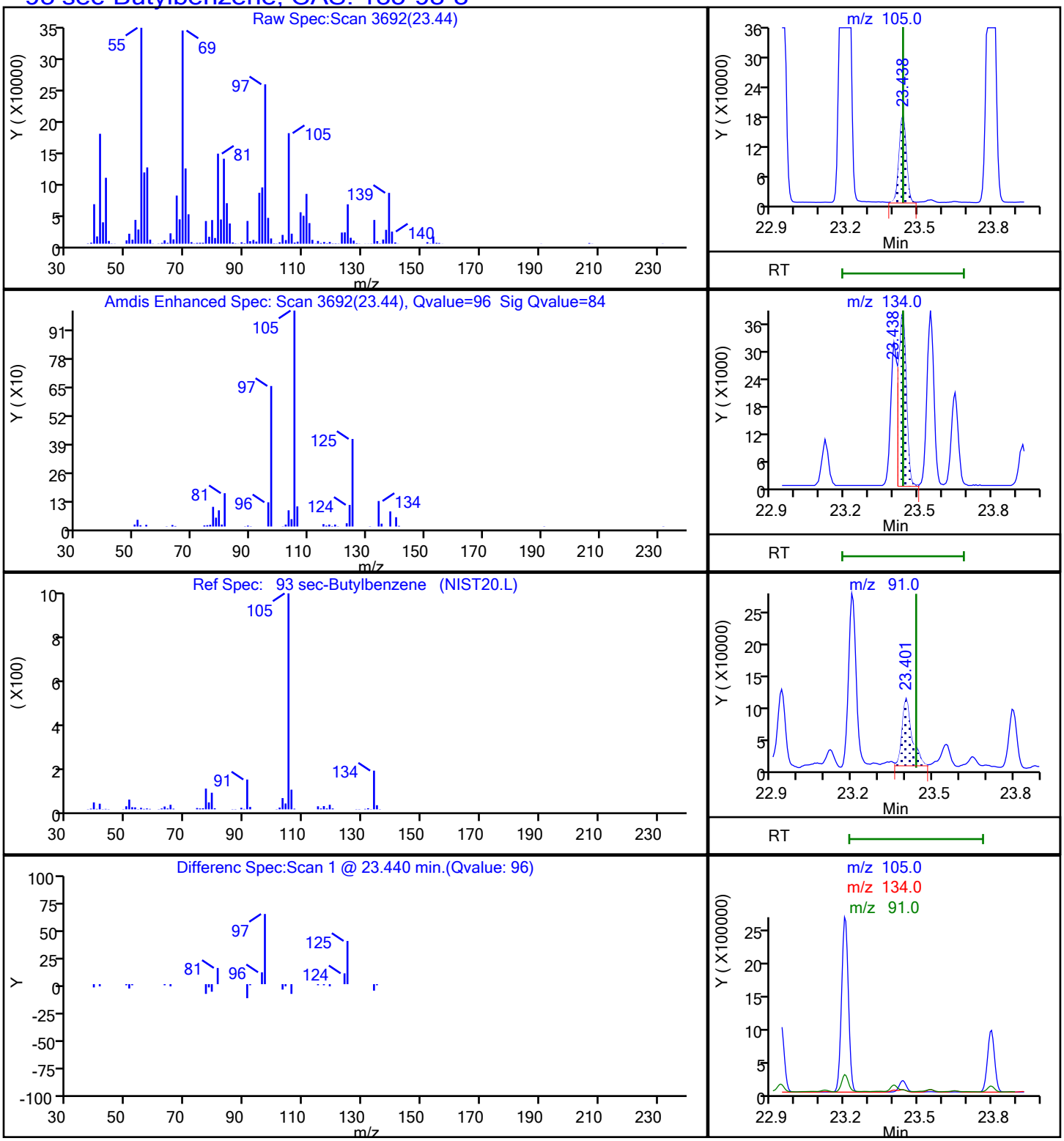
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d

Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

93 sec-Butylbenzene, CAS: 135-98-8



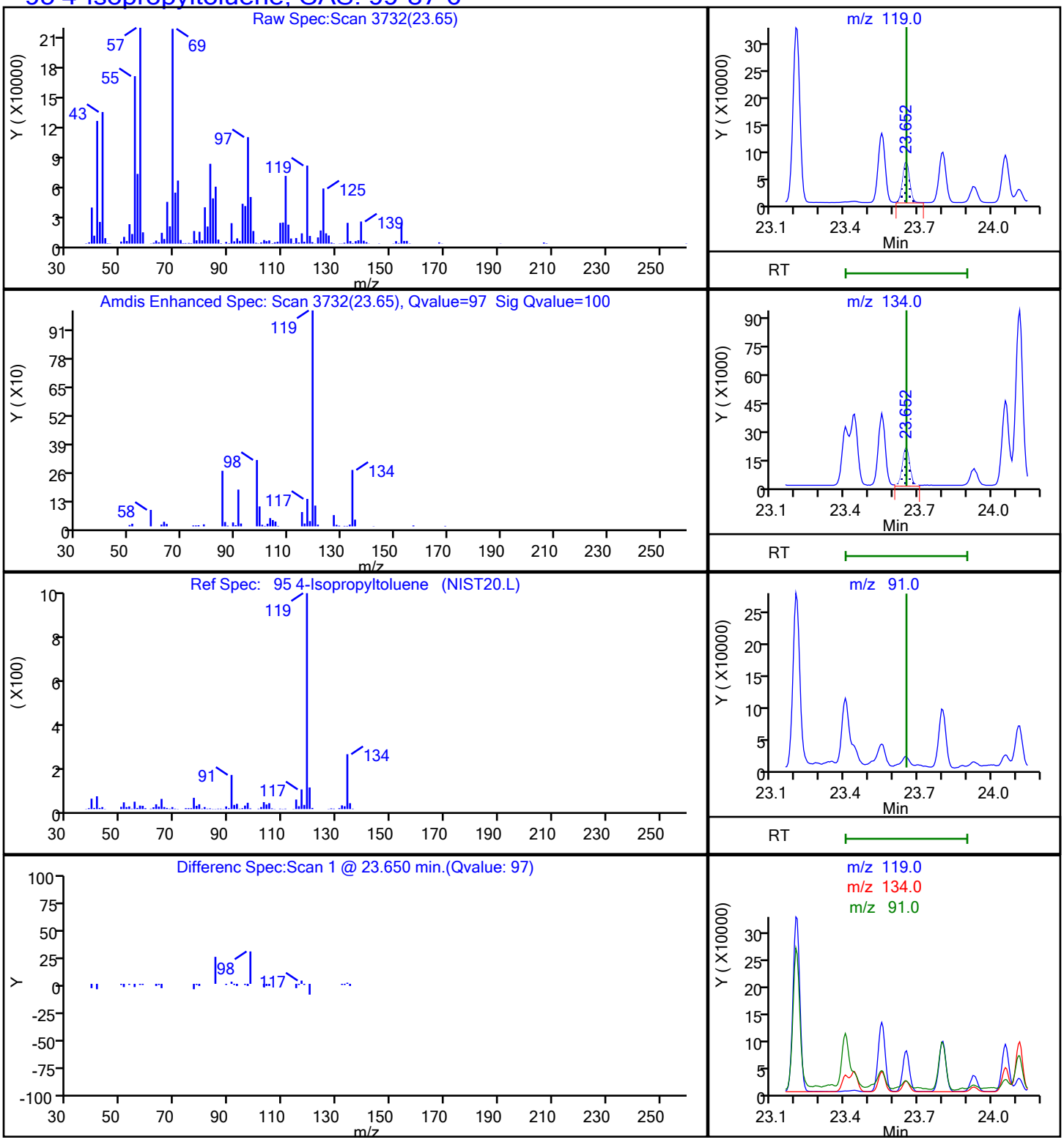
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d

Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

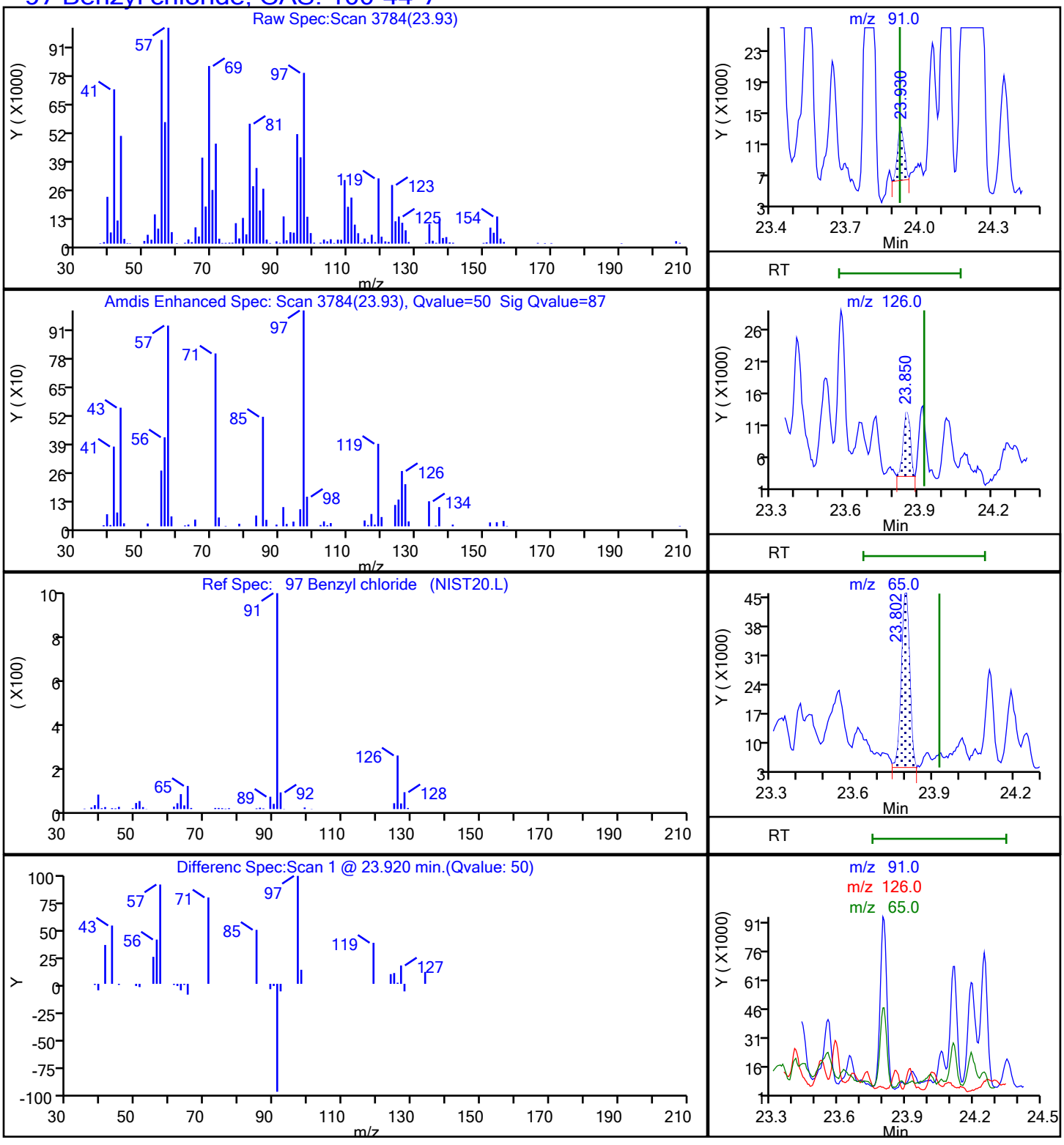


Report Date: 25-Jun-2025 11:40:00 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d				
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

97 Benzyl chloride, CAS: 100-44-7



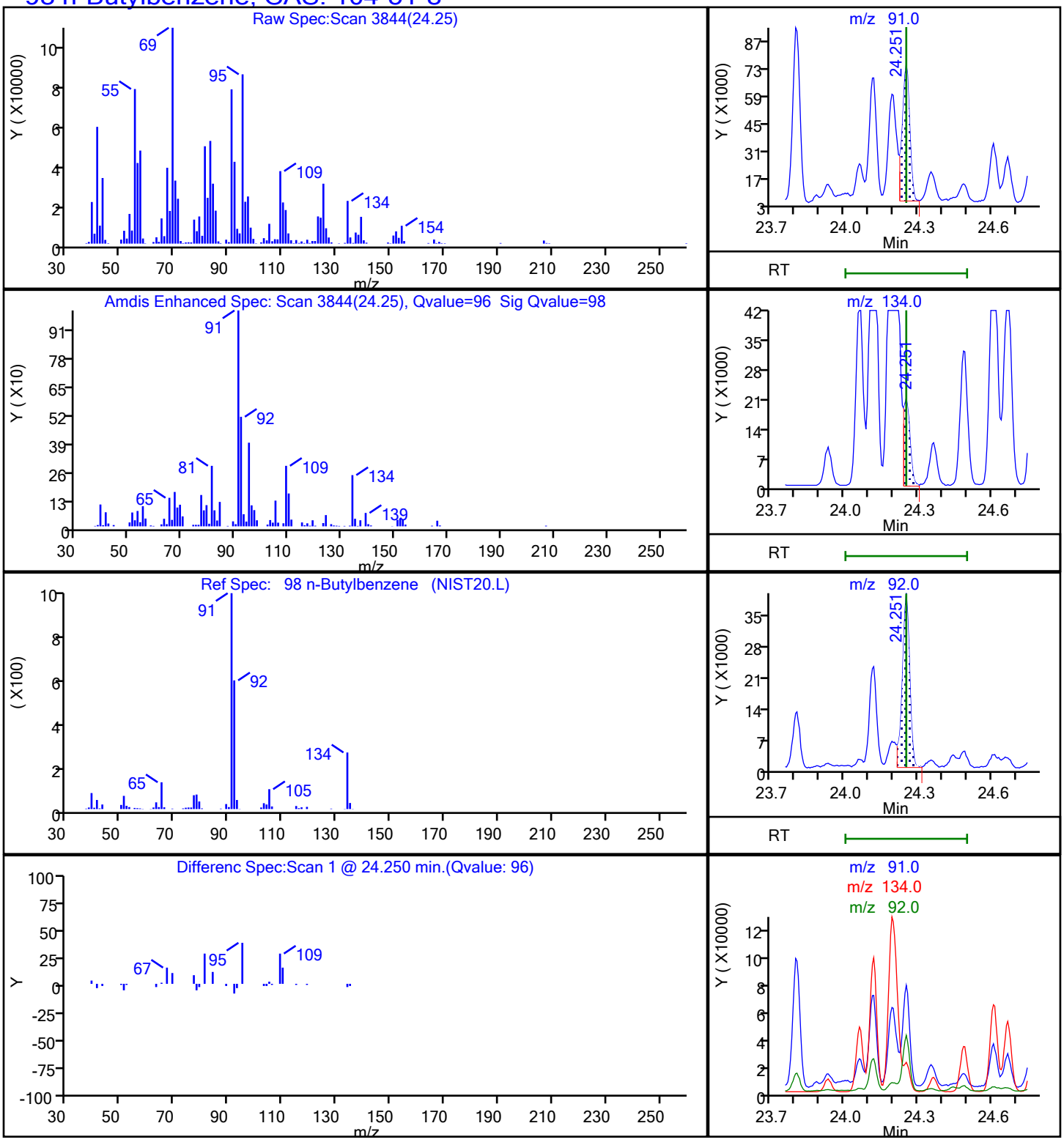
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d

Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

98 n-Butylbenzene, CAS: 104-51-8



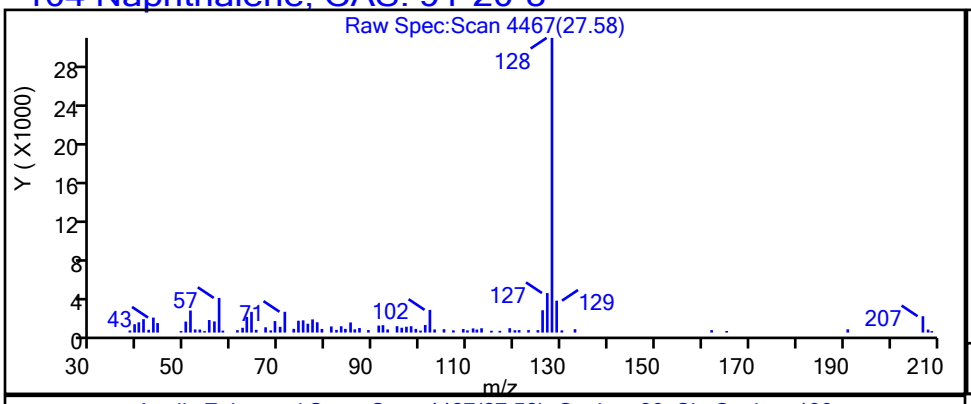
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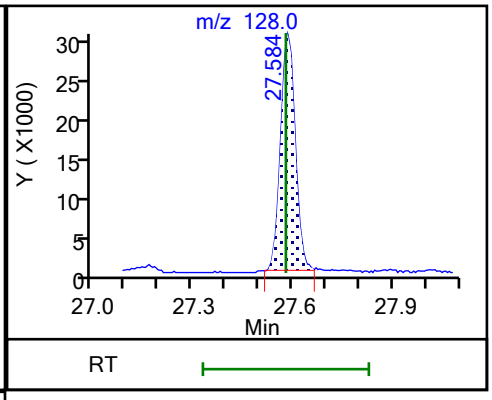
Eurofins Burlington

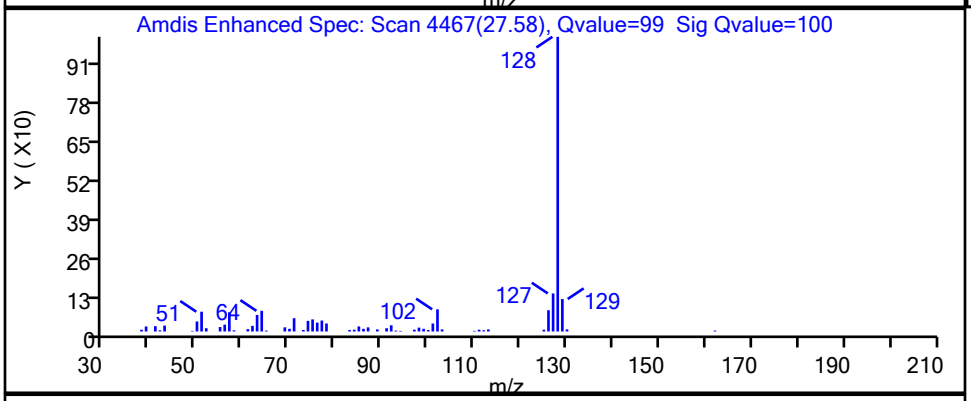
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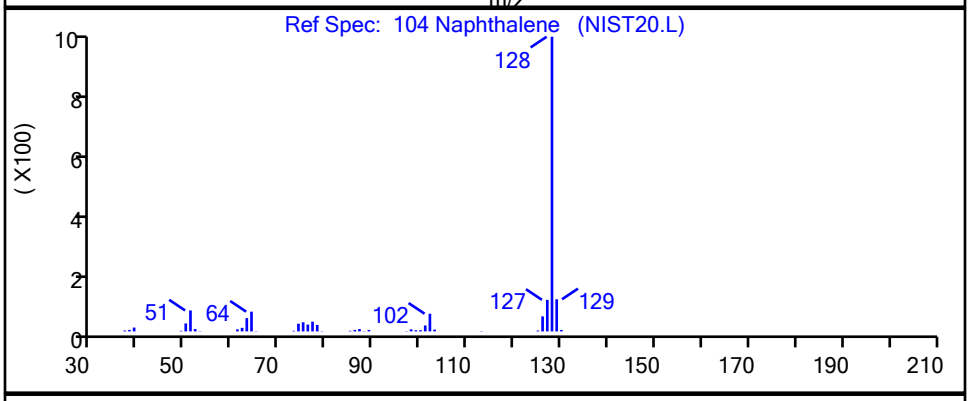
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

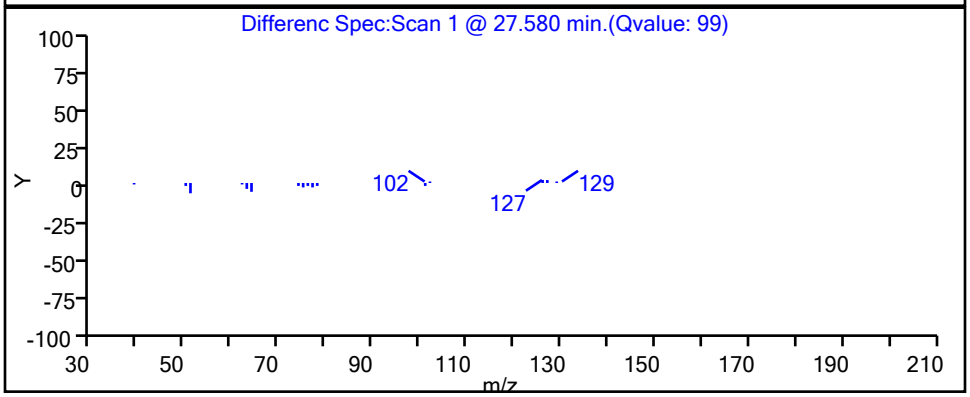
104 Naphthalene, CAS: 91-20-3











Manual Integration/User Assign Peak Report

Eurofins Burlington

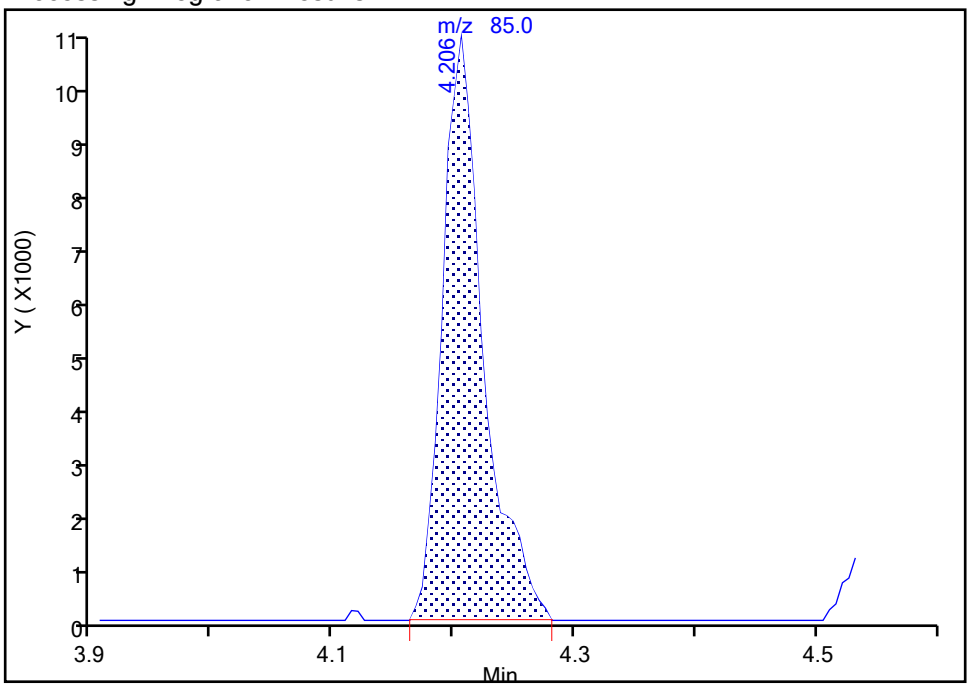
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Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

2 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

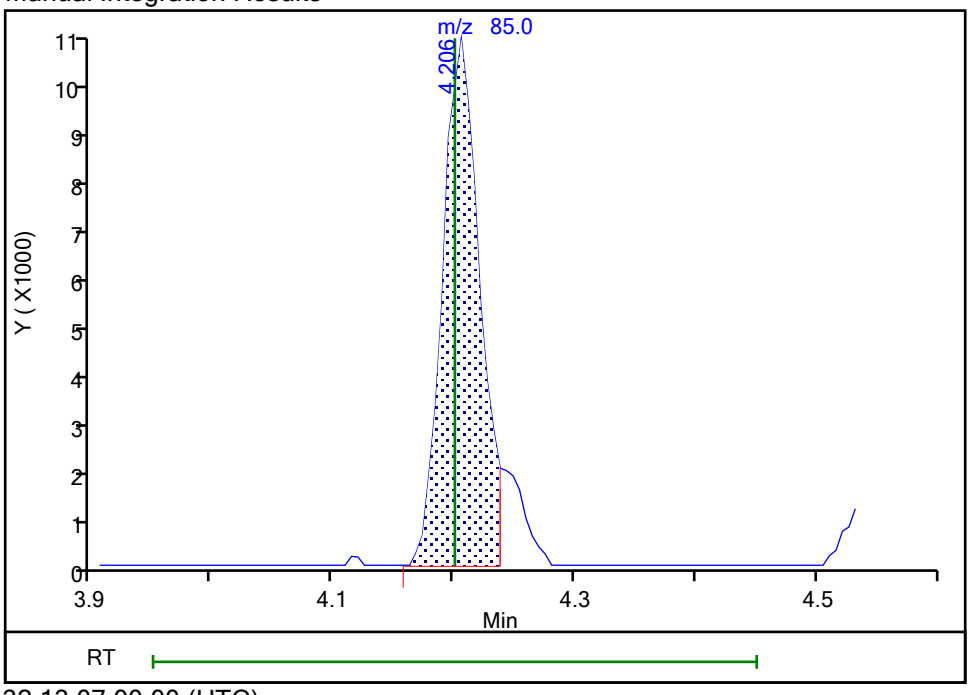
Processing Integration Results

RT: 4.21
Area: 23931
Amount: 0.311231
Amount Units: ppb v/v



Manual Integration Results

RT: 4.21
Area: 21685
Amount: 0.282021
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:32:13 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

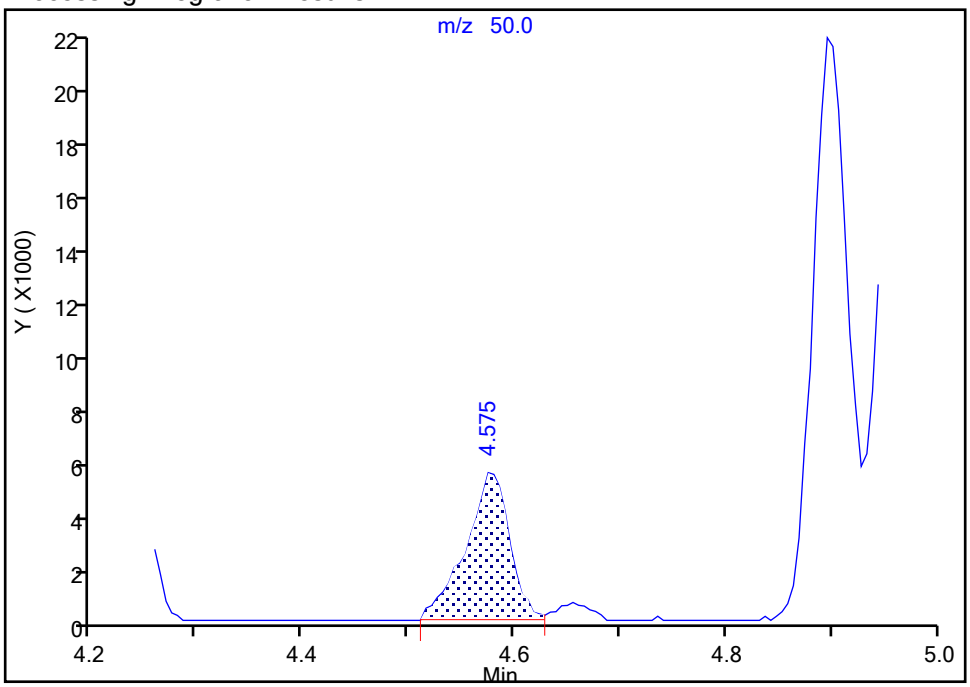
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Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

5 Chloromethane, CAS: 74-87-3

Signal: 1

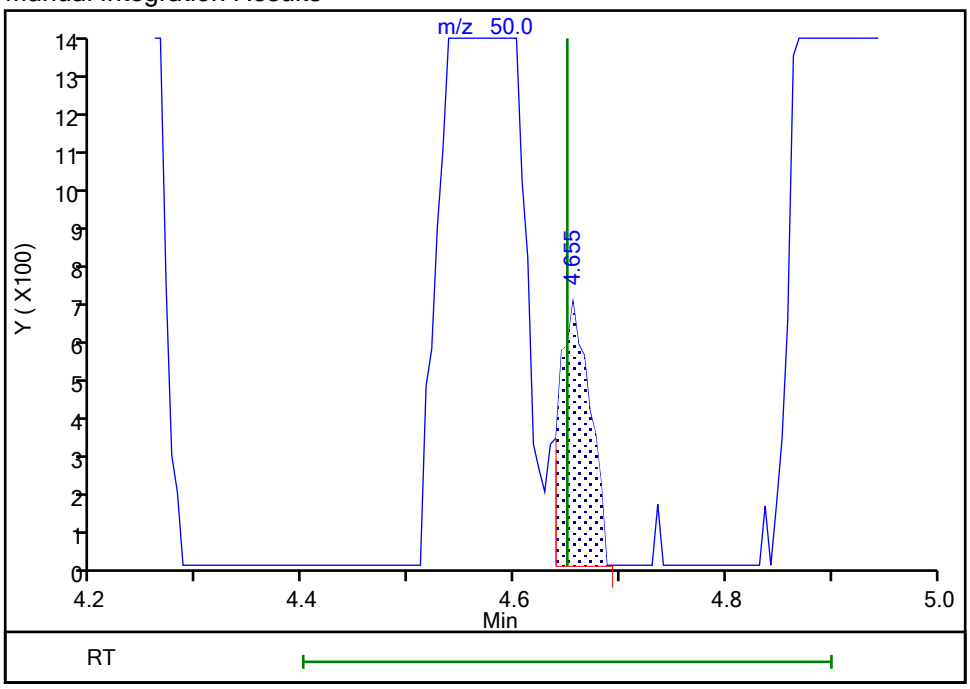
Processing Integration Results

RT: 4.58
Area: 15881
Amount: 0.589459
Amount Units: ppb v/v



Manual Integration Results

RT: 4.66
Area: 1316
Amount: 0.048846
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:32:44 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

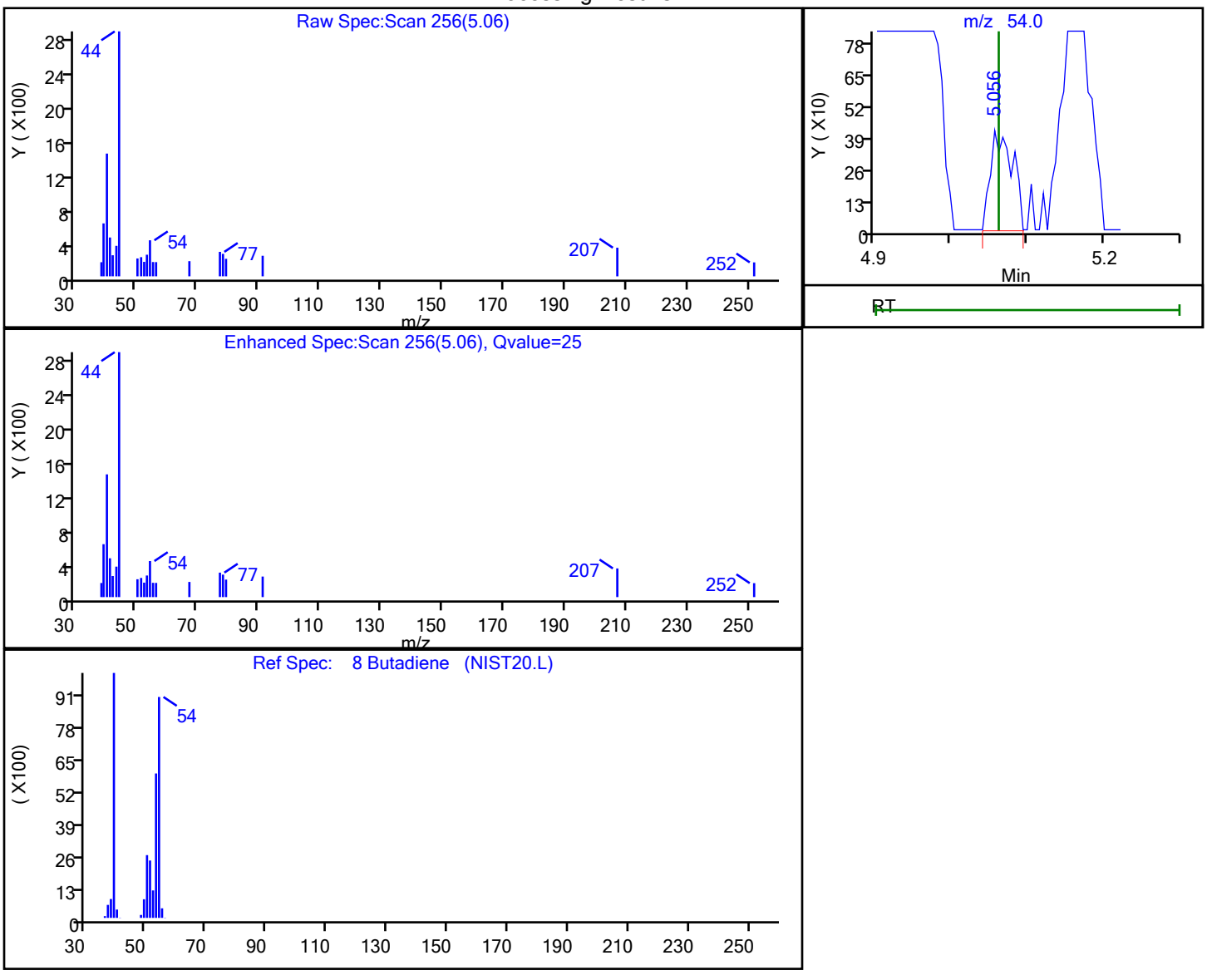
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d				
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	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
5.06	54.00	833	0.044675

Reviewer: F7XK, 25-Jun-2025 11:33:01 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

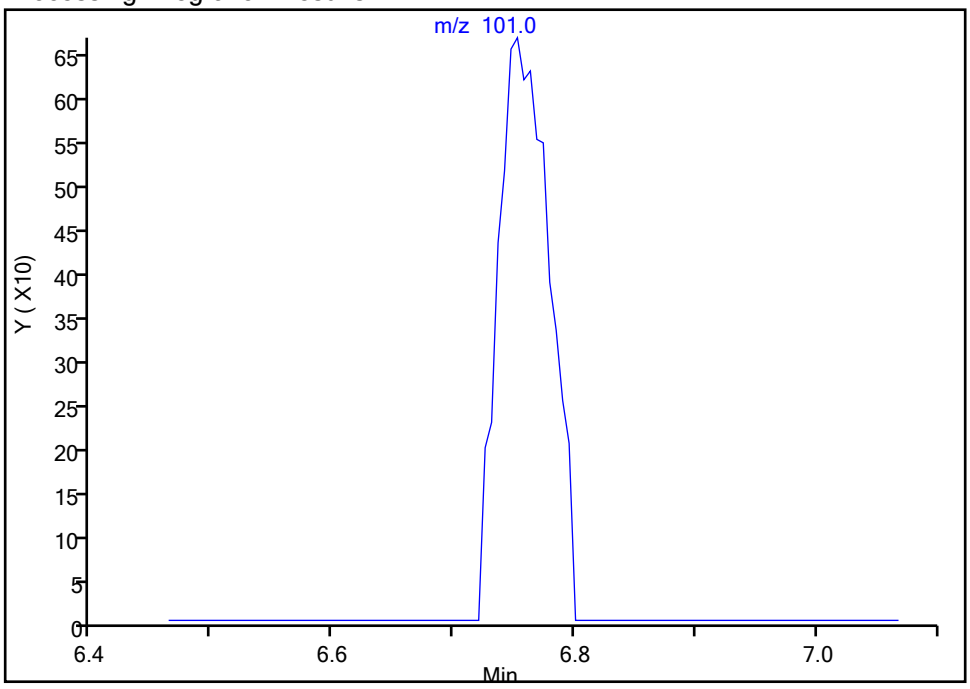
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d				
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

14 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

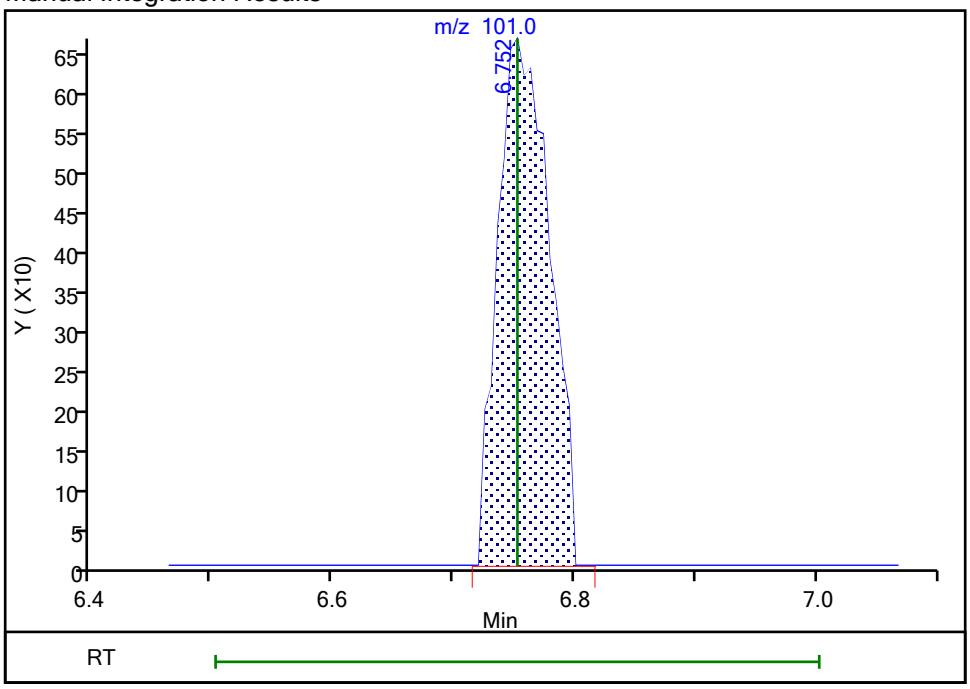
Not Detected
Expected RT: 6.75

Processing Integration Results



Manual Integration Results

RT: 6.75
Area: 1988
Amount: 0.025127
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:33:12 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

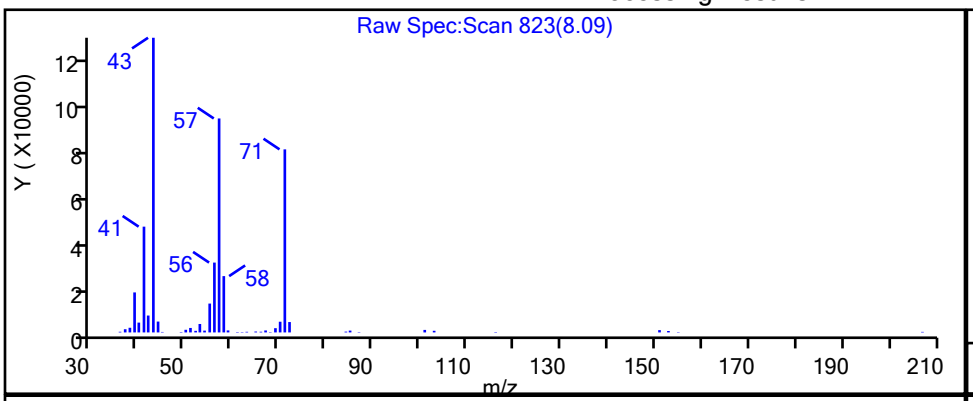
User Disabled Compound Report

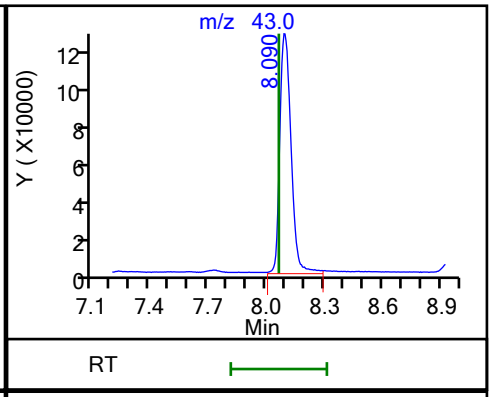
Eurofins Burlington

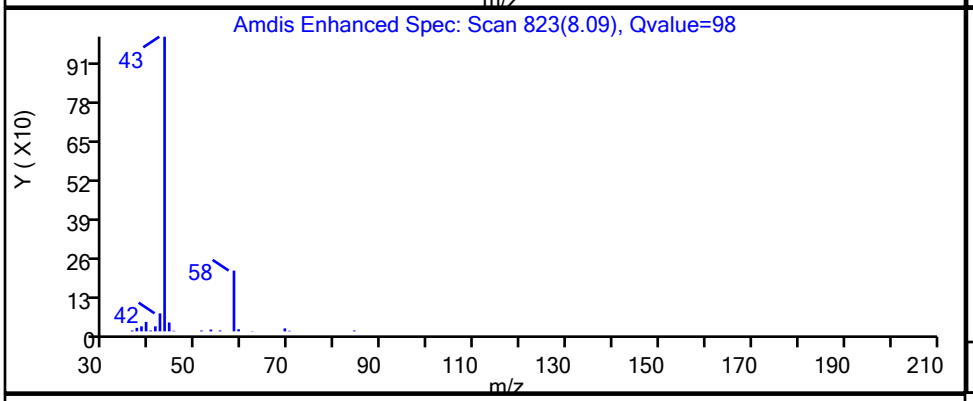
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d				
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

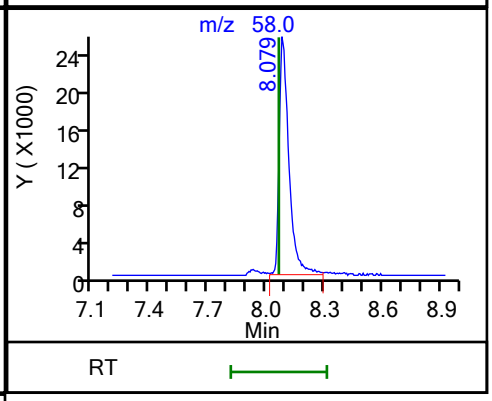
22 Acetone, CAS: 67-64-1

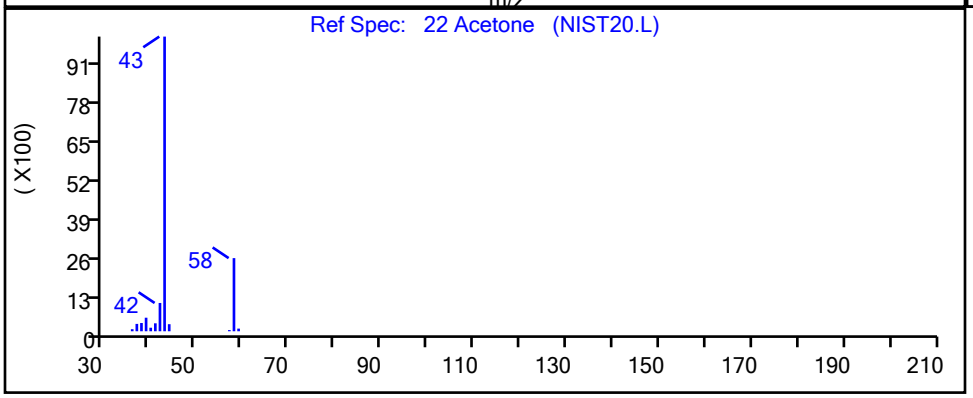
Processing Results











RT	Mass	Response	Amount
8.09	43.00	517263	12.575949
8.08	58.00	88985	

Reviewer: F7XK, 25-Jun-2025 11:33:50 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

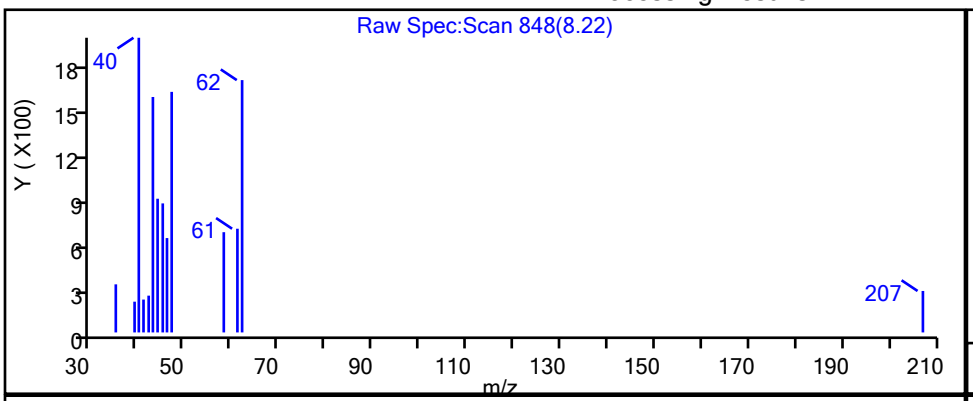
User Disabled Compound Report

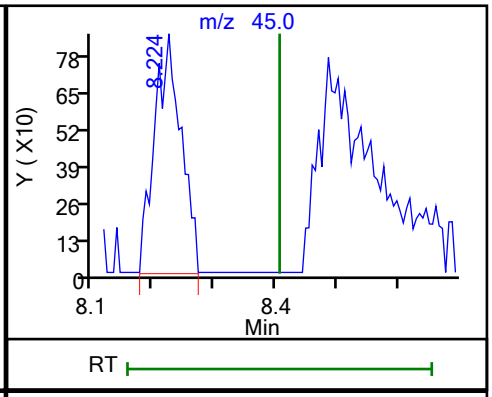
Eurofins Burlington

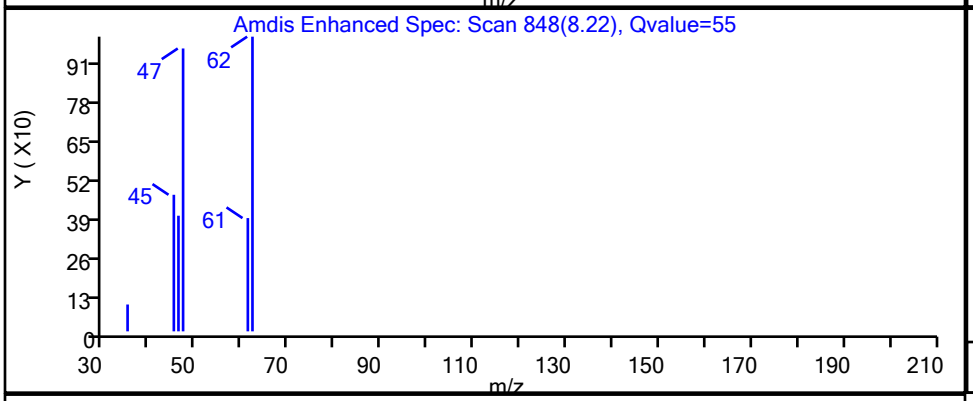
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d				
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

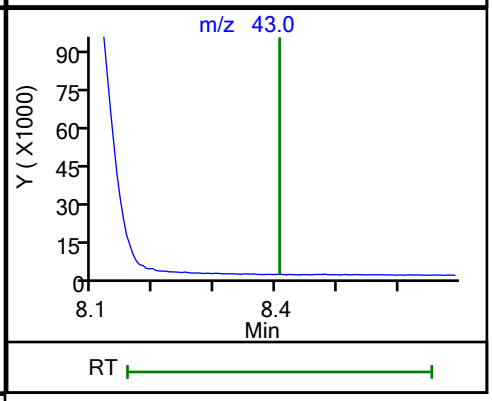
23 Isopropyl alcohol, CAS: 67-63-0

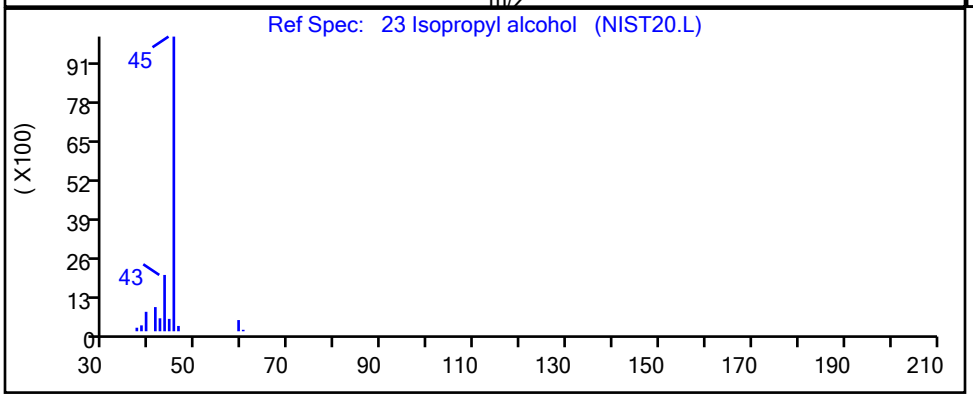
Processing Results











RT	Mass	Response	Amount
8.22	45.00	2591	0.060315
8.41	43.00	0	

Reviewer: F7XK, 25-Jun-2025 11:34:14 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

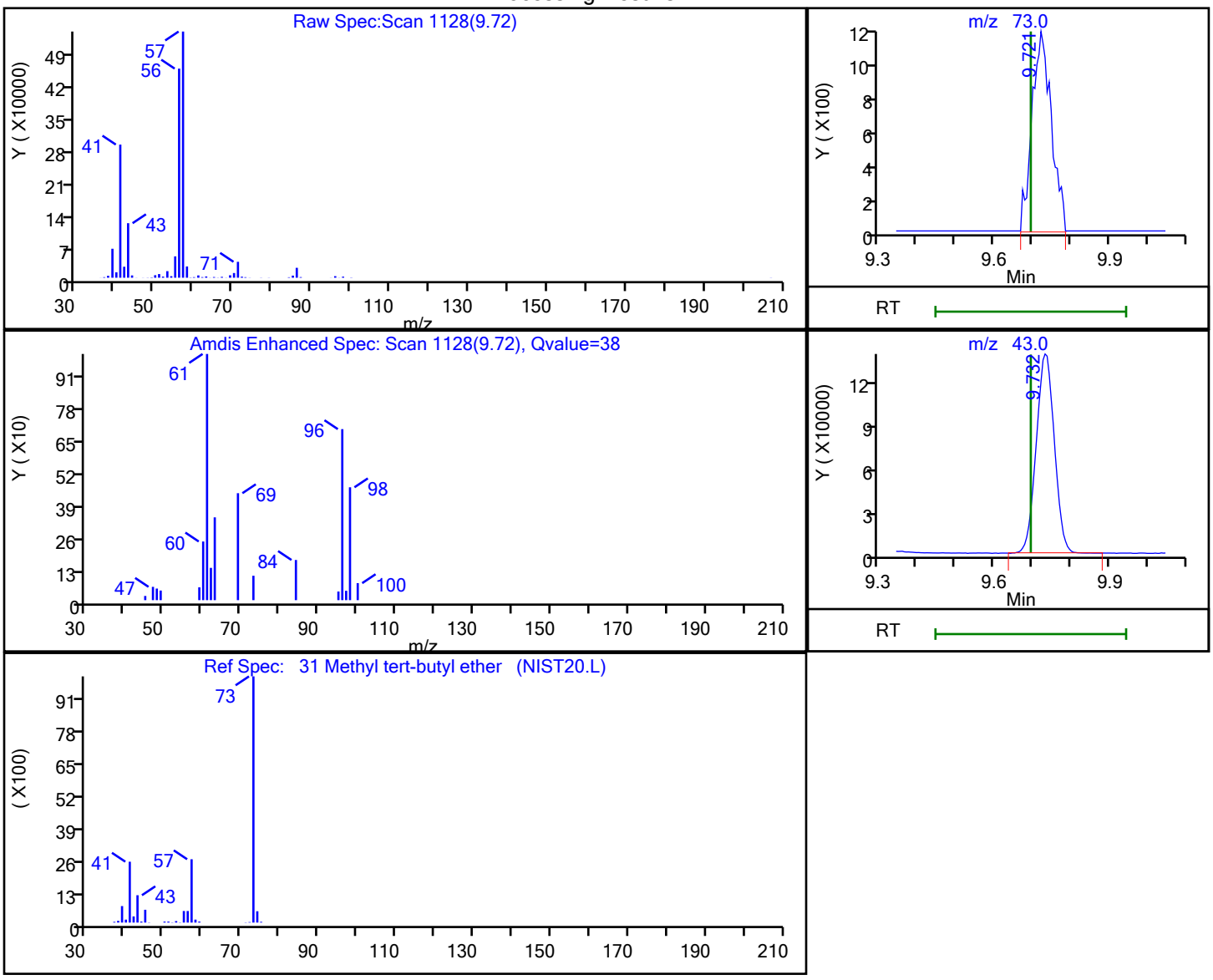
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d				
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
9.72	73.00	4100	0.047689
9.73	43.00	452749	

Reviewer: F7XK, 25-Jun-2025 11:34:41 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

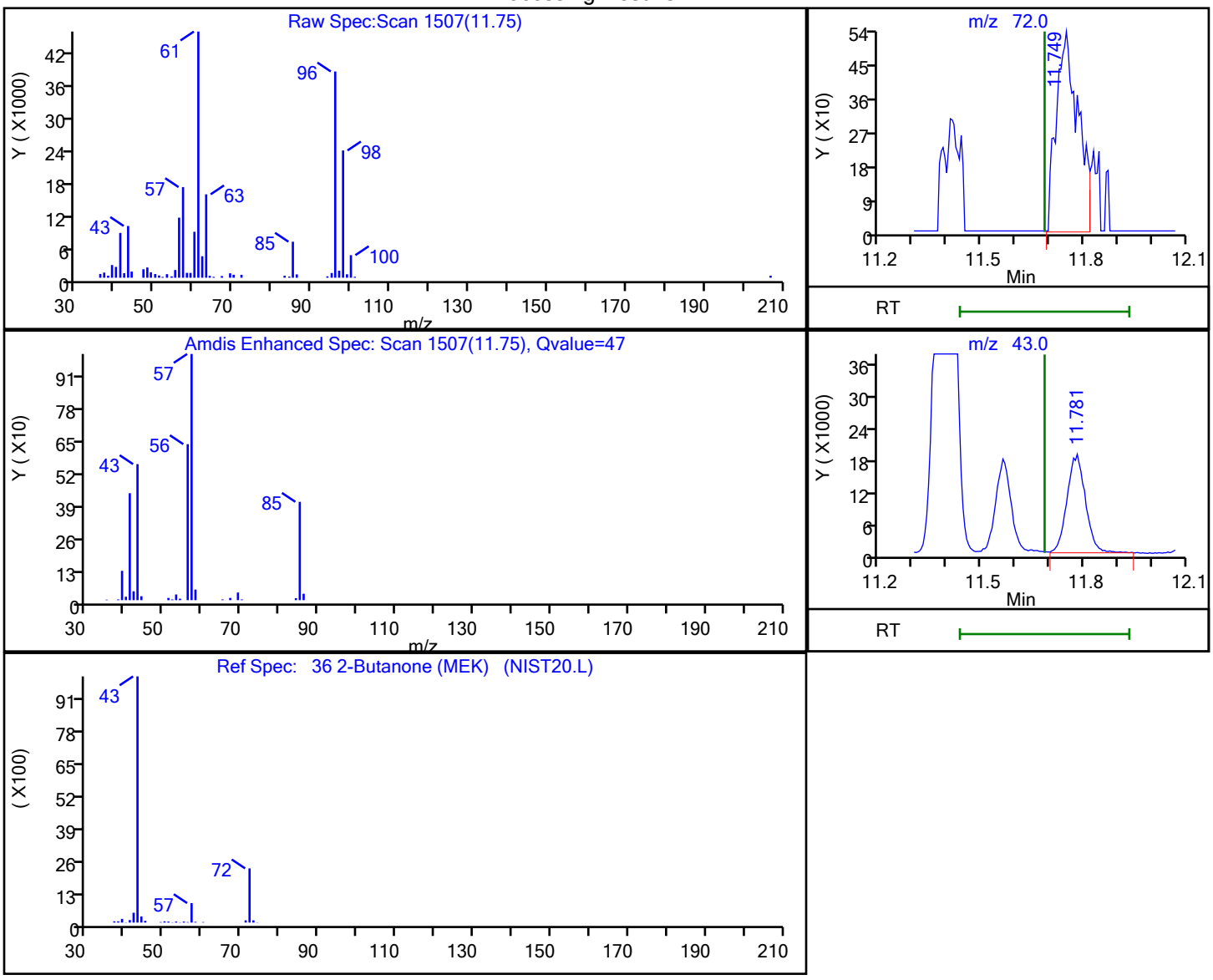
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d				
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	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
11.75	72.00	2393	0.142810
11.78	43.00	69839	

Reviewer: F7XK, 25-Jun-2025 11:35:10 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

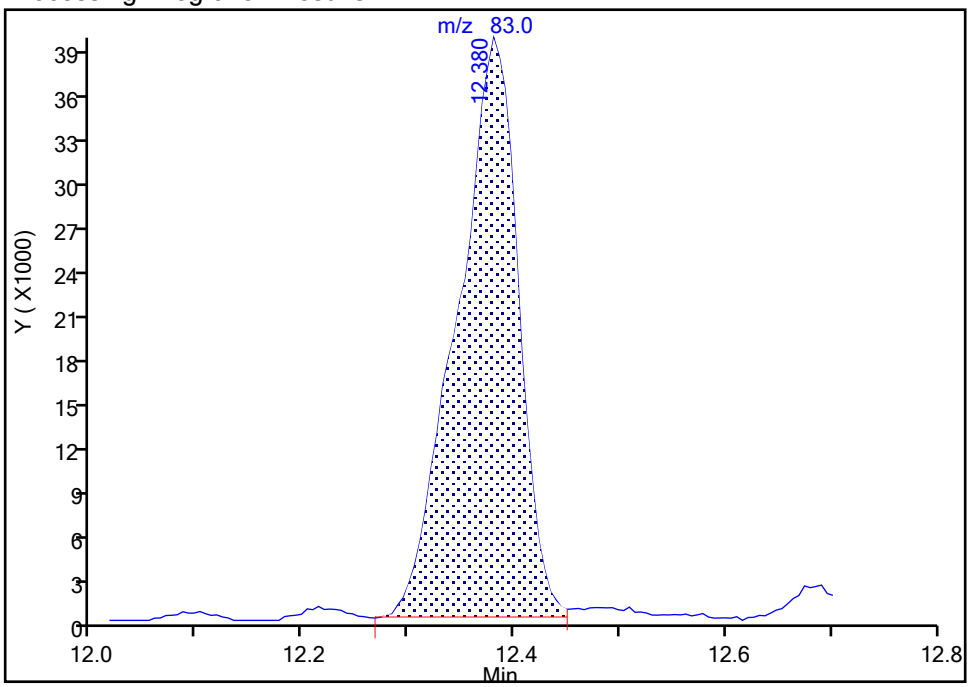
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d				
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

41 Chloroform, CAS: 67-66-3

Signal: 1

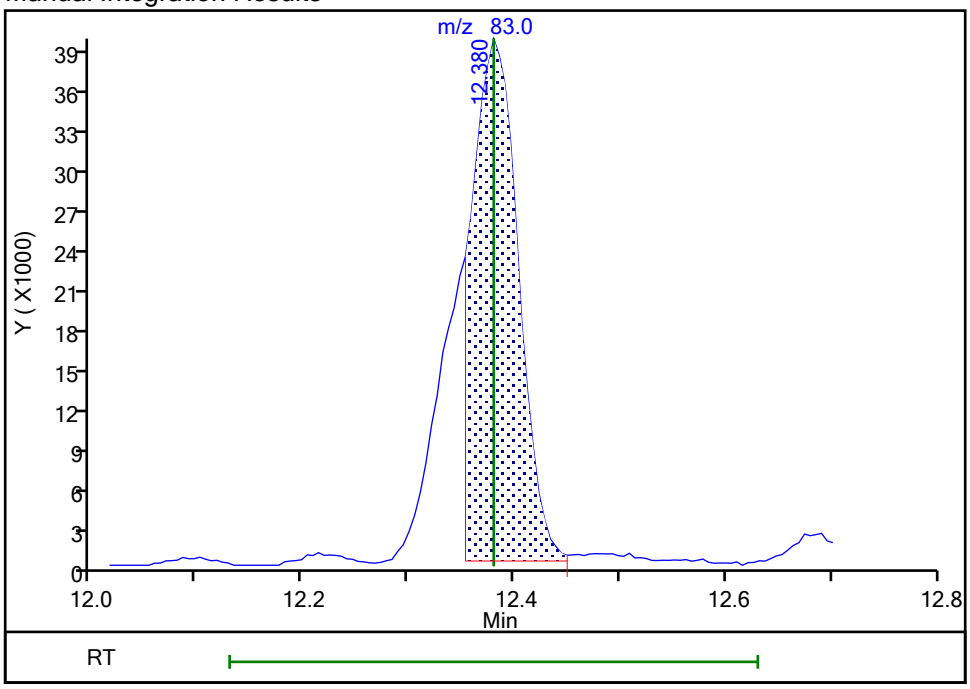
Processing Integration Results

RT: 12.38
Area: 159747
Amount: 2.262152
Amount Units: ppb v/v



Manual Integration Results

RT: 12.38
Area: 120025
Amount: 1.699655
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:35:50 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

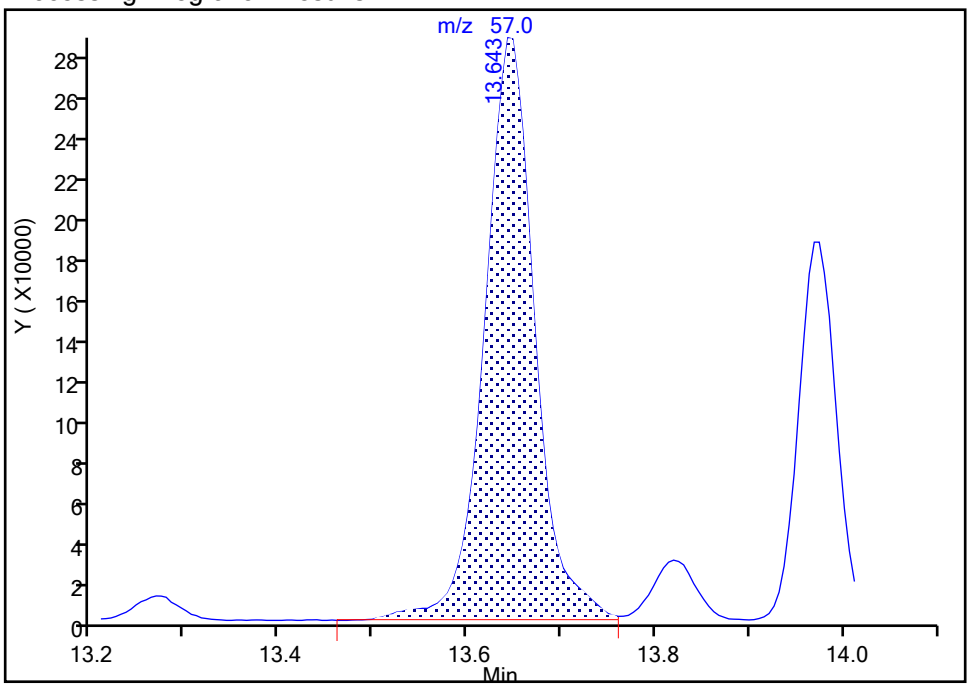
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Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Isooctane, CAS: 540-84-1

Signal: 1

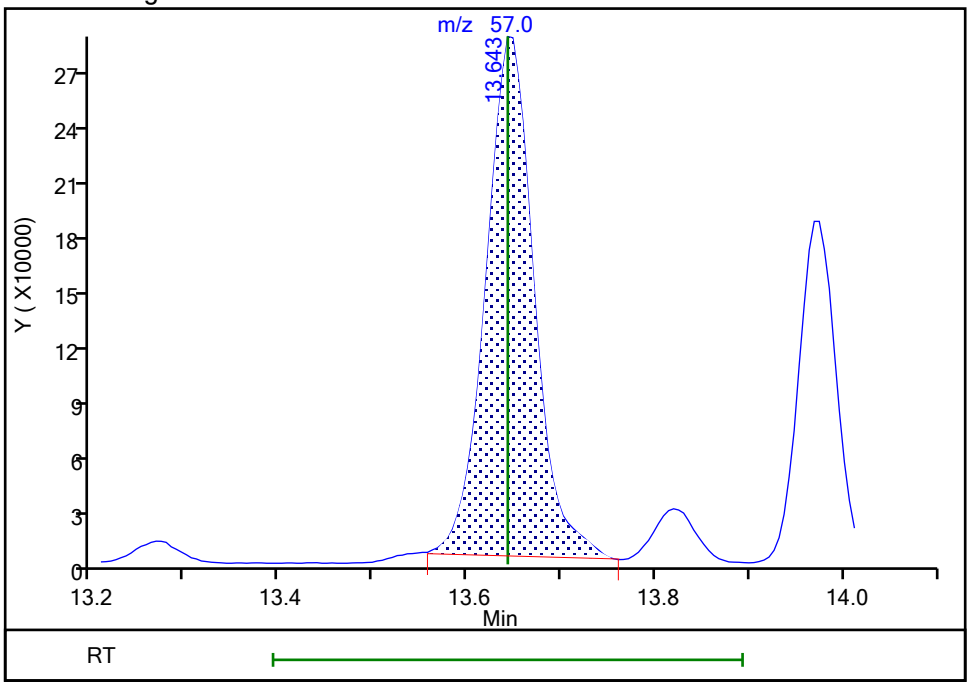
Processing Integration Results

RT: 13.64
Area: 1062537
Amount: 6.307641
Amount Units: ppb v/v



Manual Integration Results

RT: 13.64
Area: 1004753
Amount: 5.964612
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:36:14 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

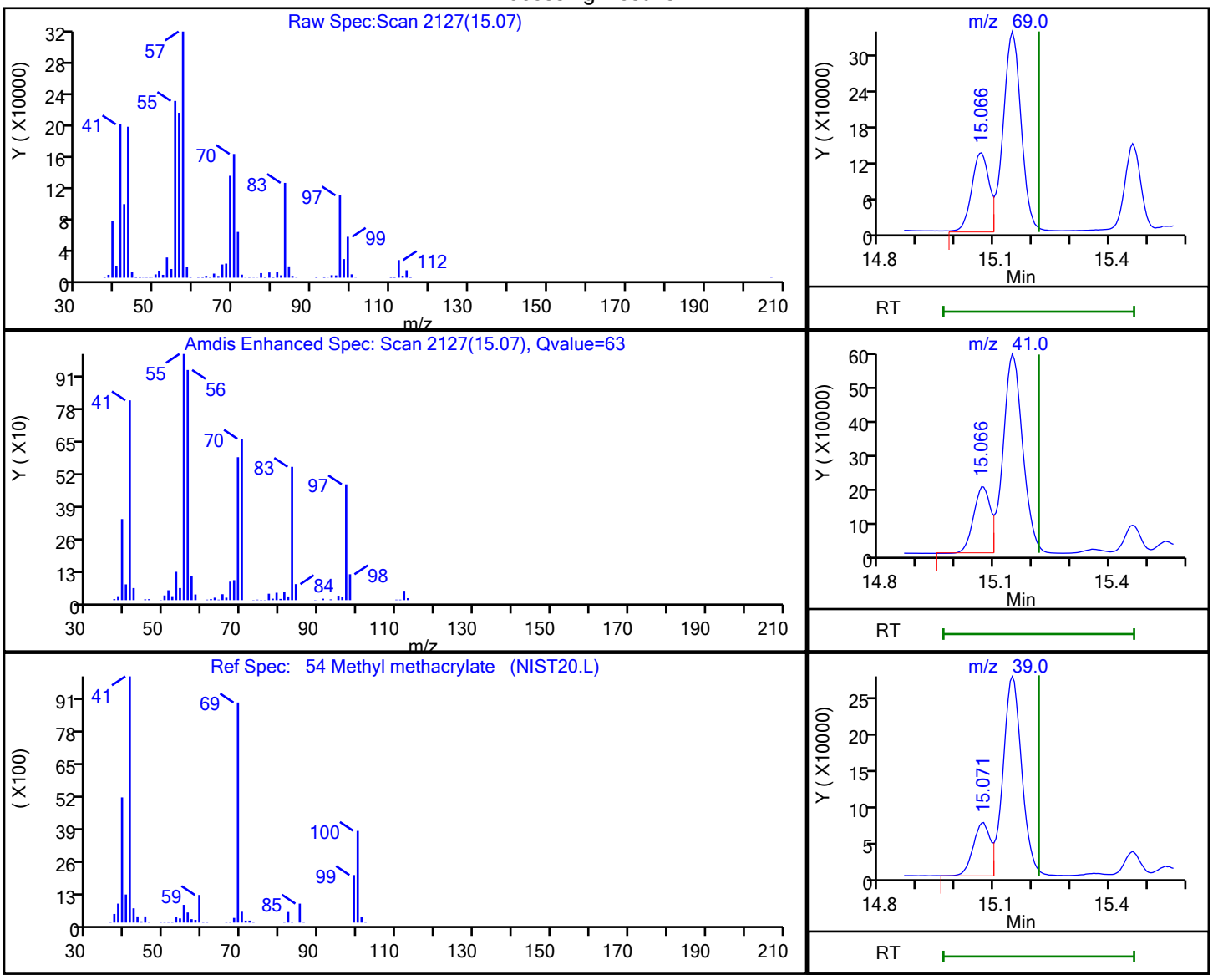
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d				
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

54 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
15.07	69.00	421019	10.665292
15.07	41.00	624735	
15.07	39.00	237873	

Reviewer: F7XK, 25-Jun-2025 11:36:39 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

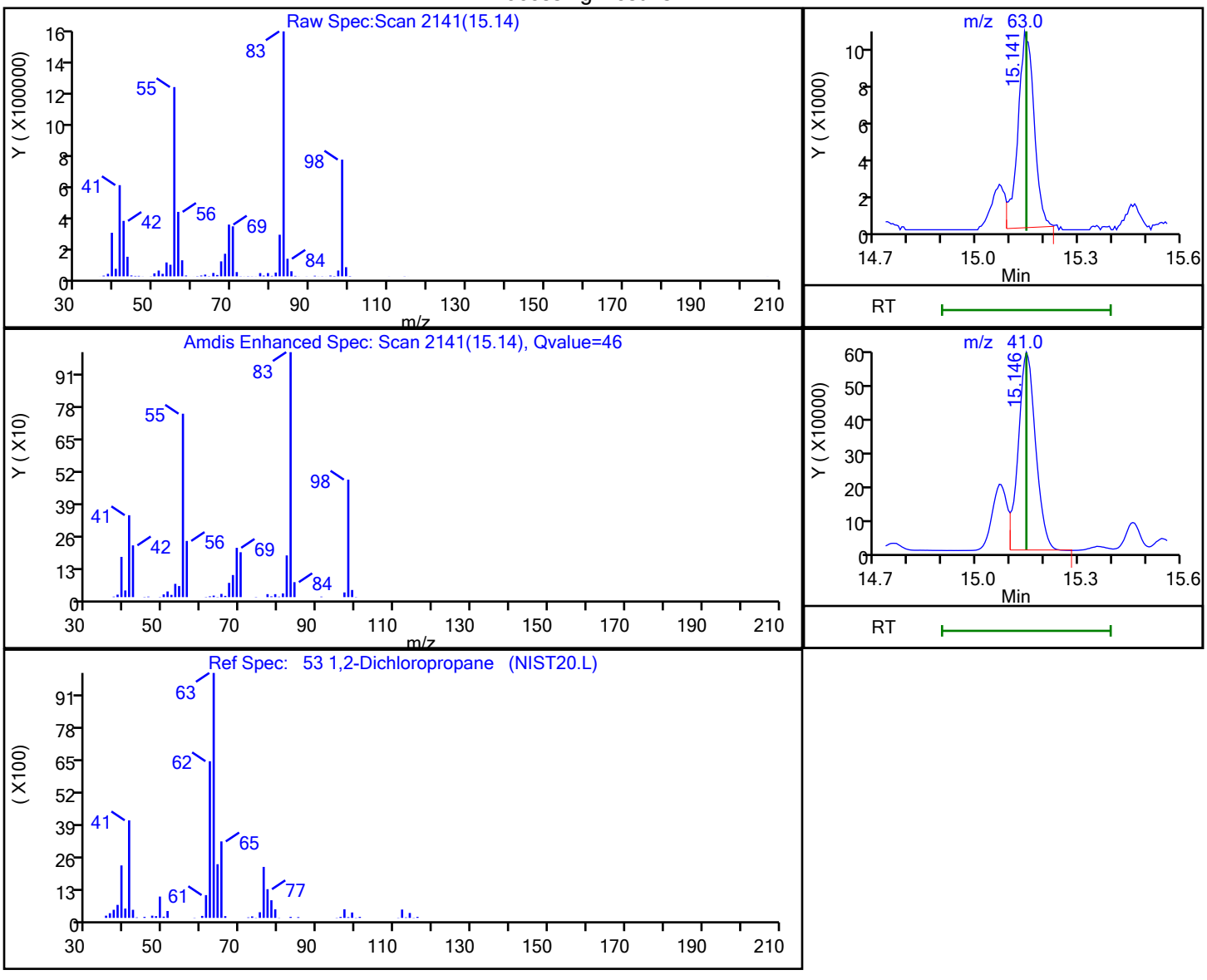
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d				
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
15.14	63.00	34179	0.786514
15.15	41.00	2112183	

Reviewer: F7XK, 25-Jun-2025 11:36:36 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

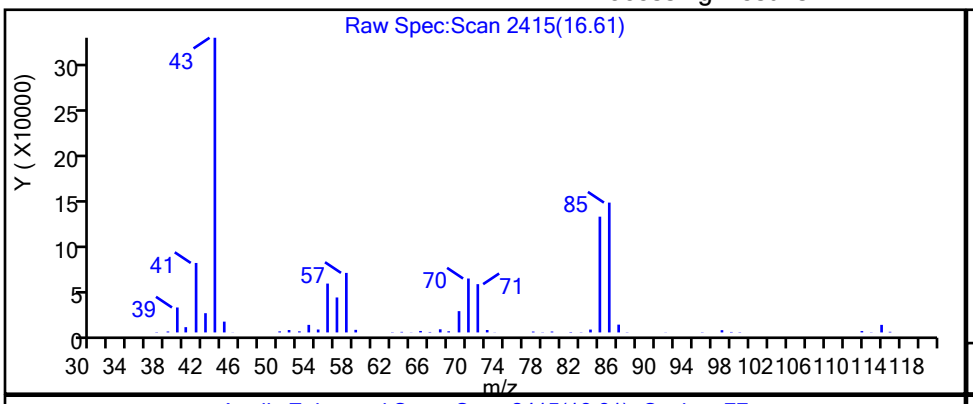
User Disabled Compound Report

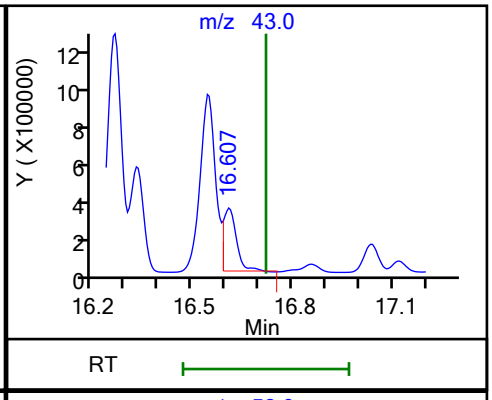
Eurofins Burlington

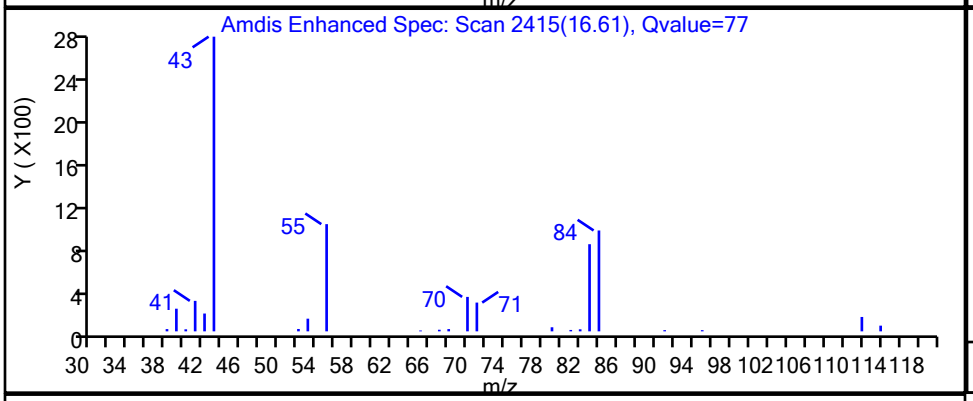
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Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

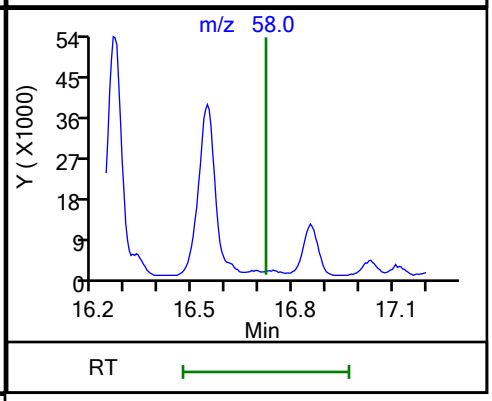
61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

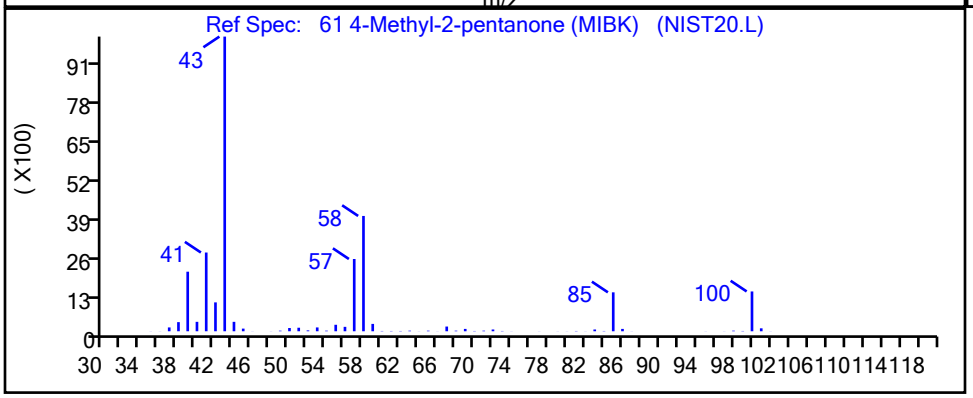
Processing Results











RT	Mass	Response	Amount
16.61	43.00	891522	12.886173
16.72	58.00	0	

Reviewer: F7XK, 25-Jun-2025 11:37:00 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

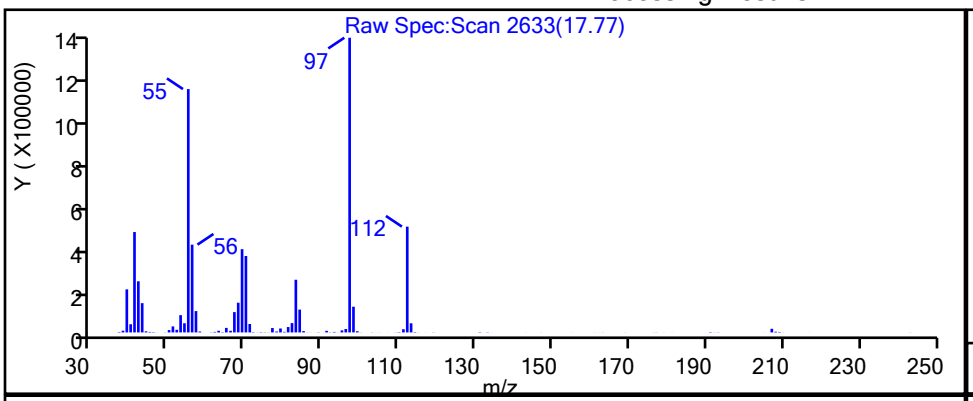
User Disabled Compound Report

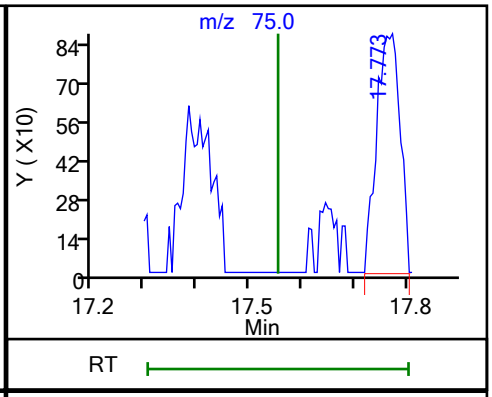
Eurofins Burlington

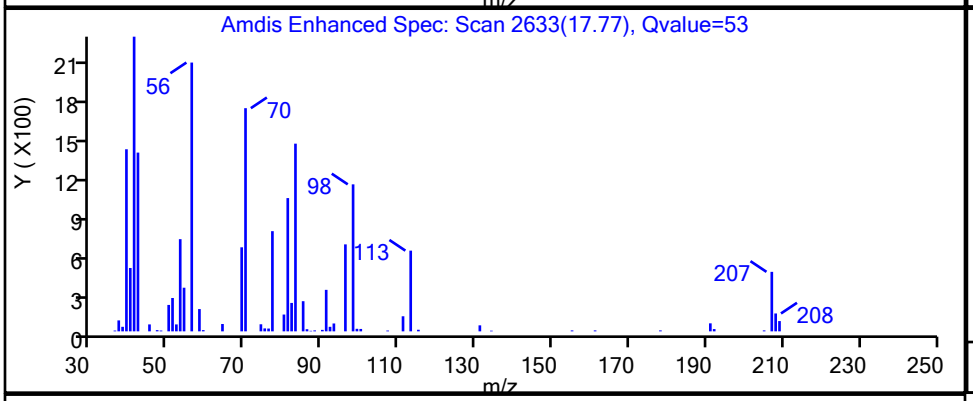
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d				
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

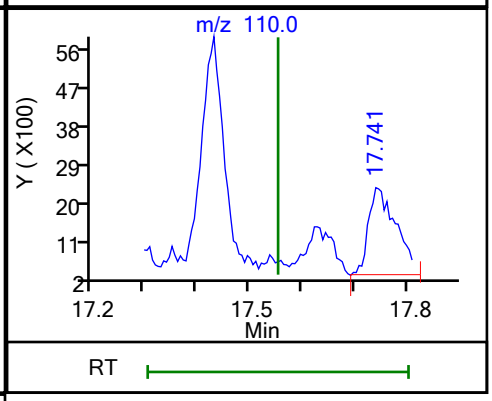
66 trans-1,3-Dichloropropene, CAS: 10061-02-6

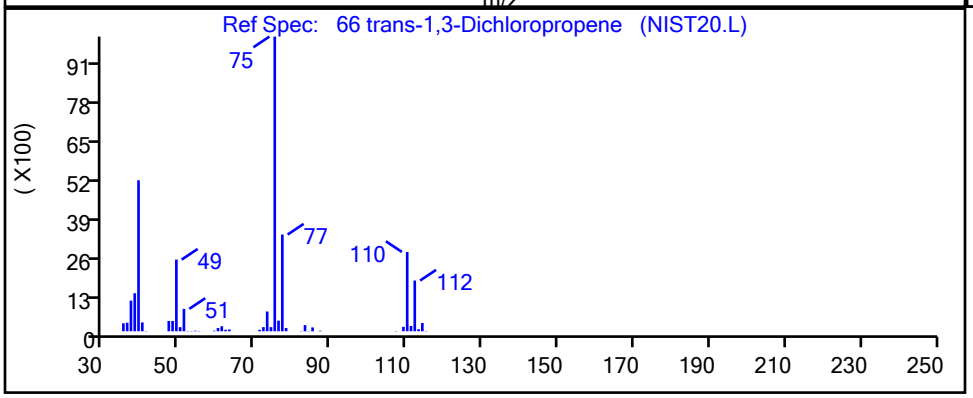
Processing Results











RT	Mass	Response	Amount
17.77	75.00	2746	0.052143
17.74	110.00	7736	

Reviewer: F7XK, 25-Jun-2025 11:37:09 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

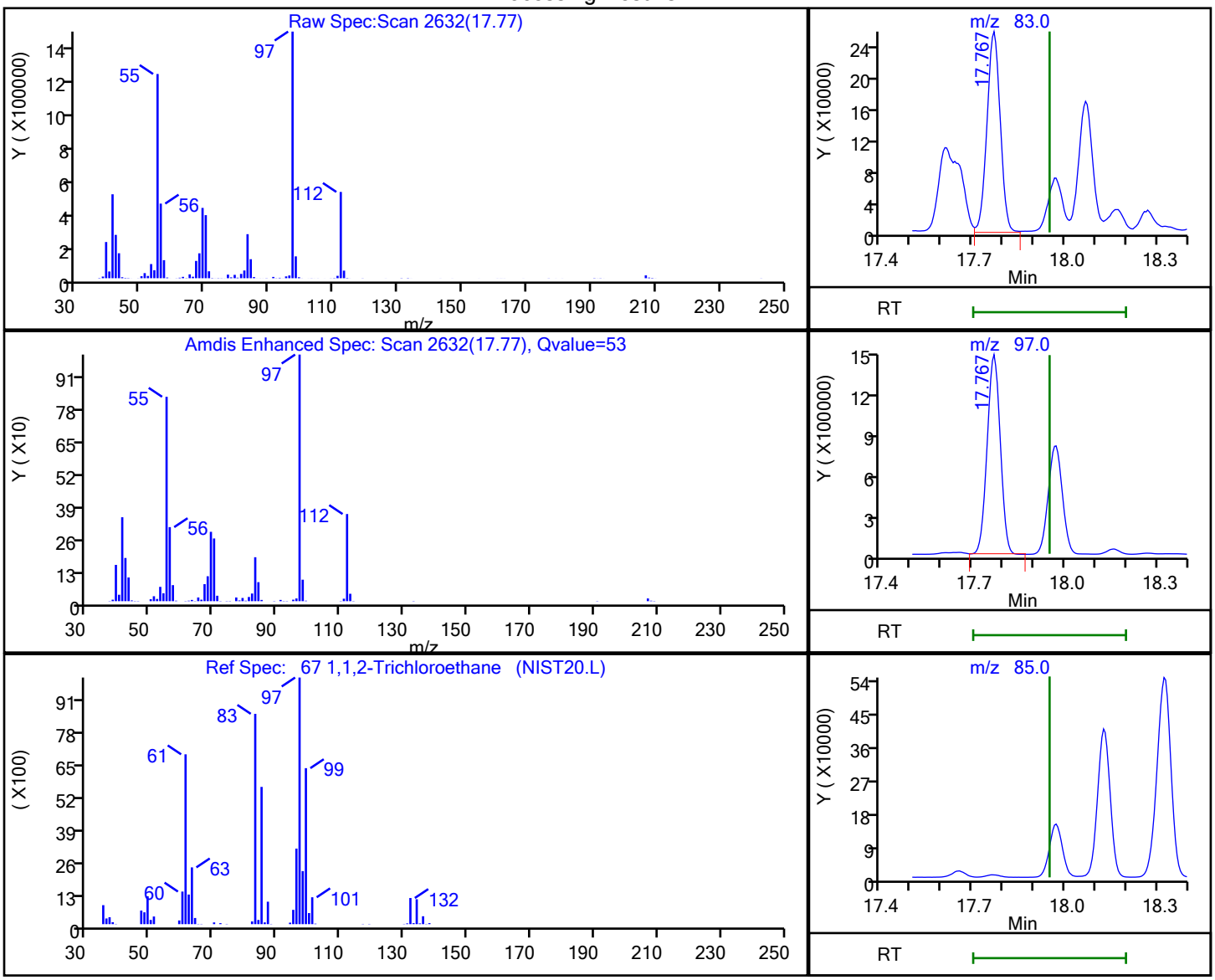
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d				
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	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
17.77	83.00	764805	18.327024
17.77	97.00	4293722	
17.95	85.00	0	

Reviewer: F7XK, 25-Jun-2025 11:37:16 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

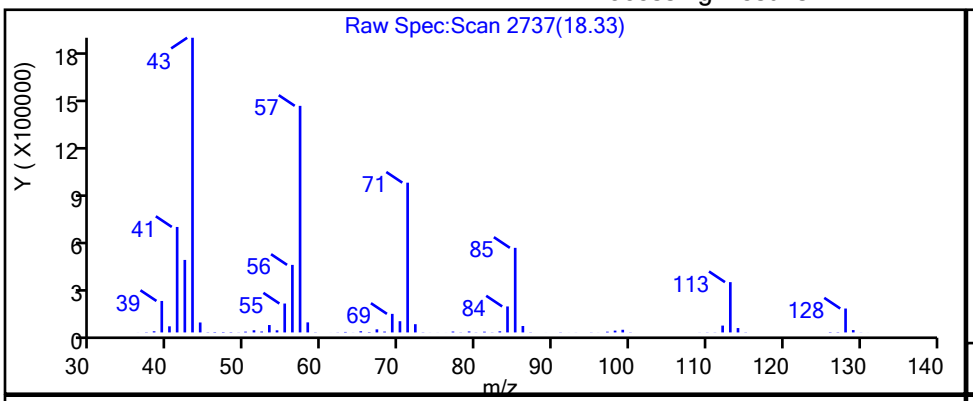
User Disabled Compound Report

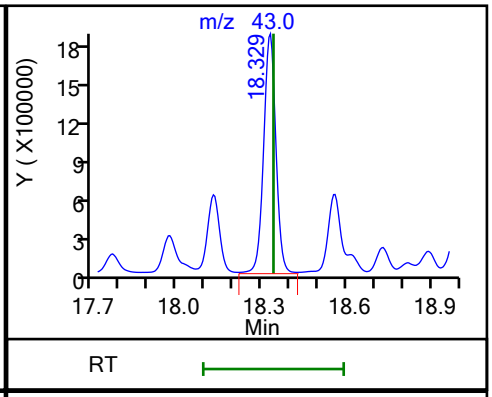
Eurofins Burlington

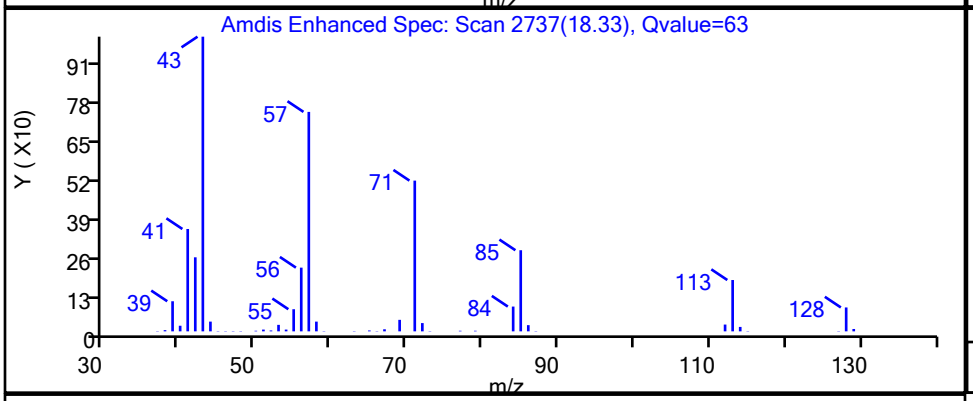
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Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

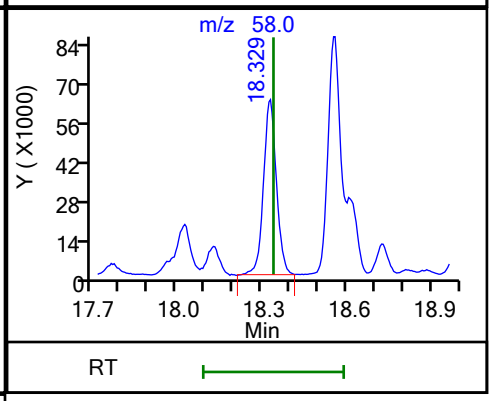
69 2-Hexanone, CAS: 591-78-6

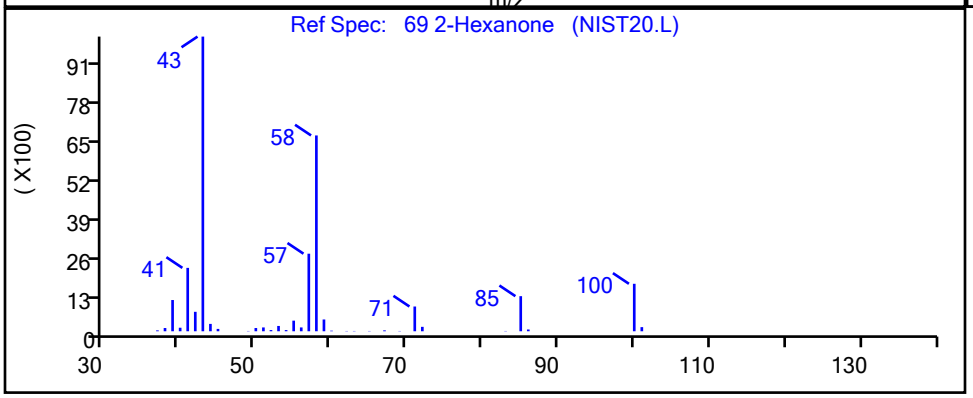
Processing Results











RT	Mass	Response	Amount
18.33	43.00	5548067	85.255492
18.33	58.00	204325	

Reviewer: F7XK, 25-Jun-2025 11:37:24 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

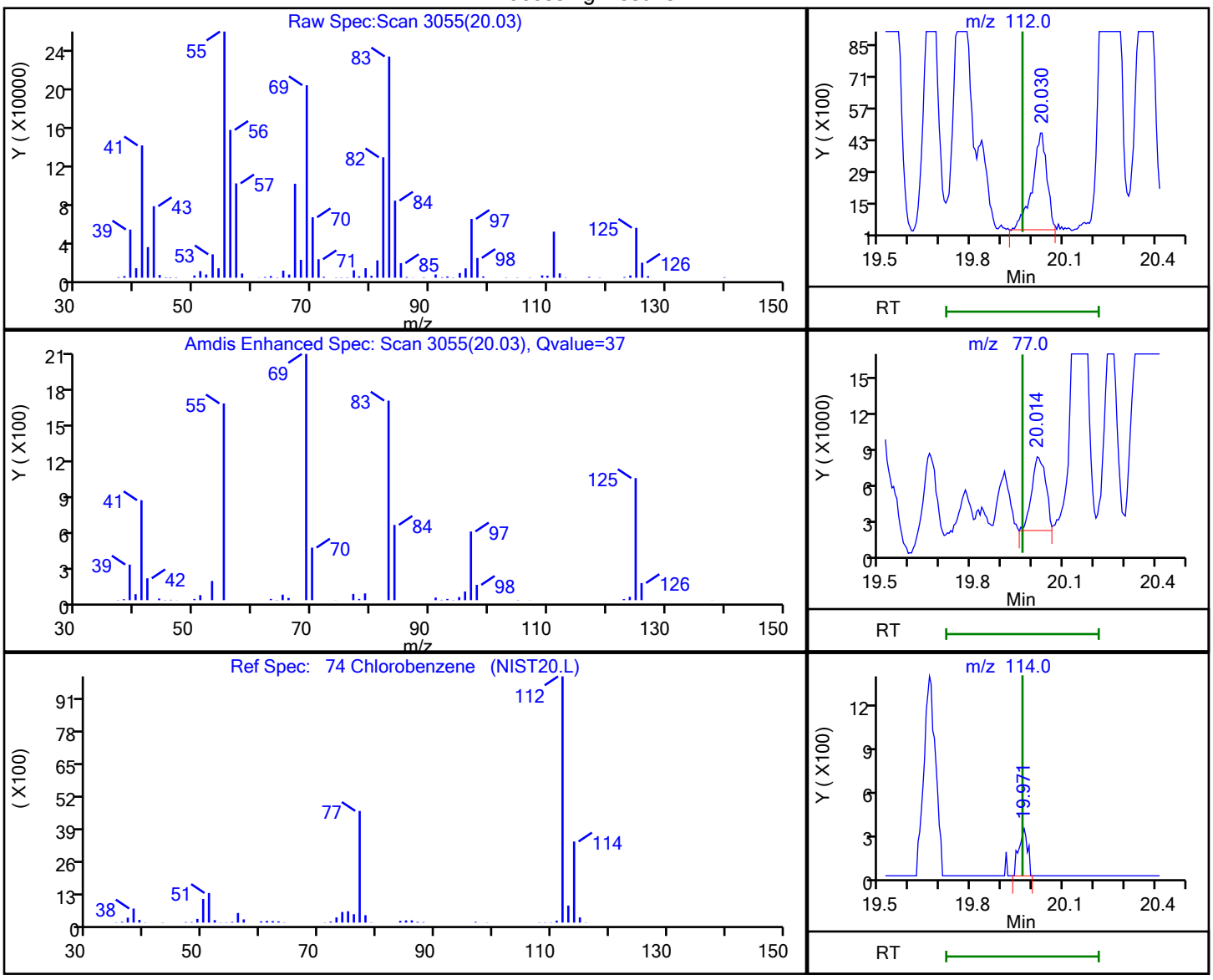
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d				
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
20.03	112.00	14401	0.117358
20.01	77.00	19397	
19.97	114.00	648	

Reviewer: F7XK, 25-Jun-2025 11:37:51 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

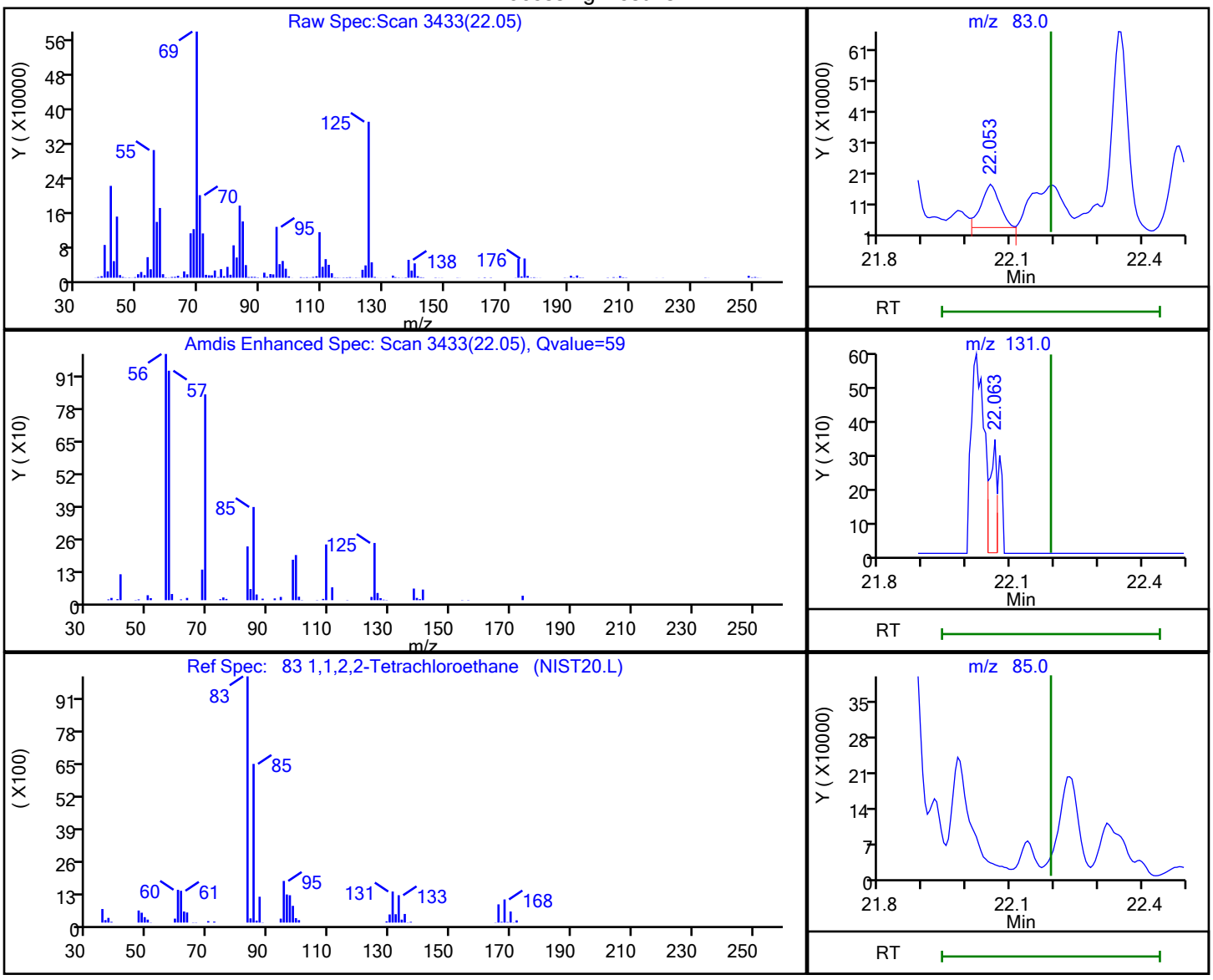
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d				
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

83 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
22.05	83.00	397513	3.543248
22.06	131.00	388	
22.19	85.00	0	

Reviewer: F7XK, 25-Jun-2025 11:38:28 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

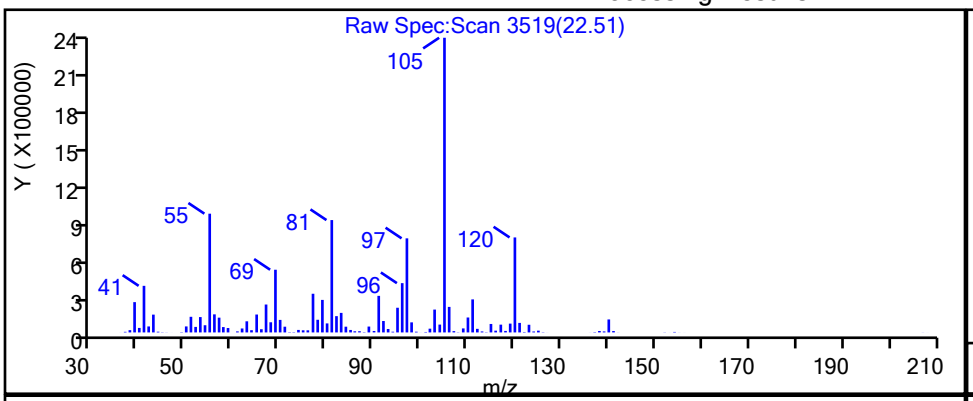
User Disabled Compound Report

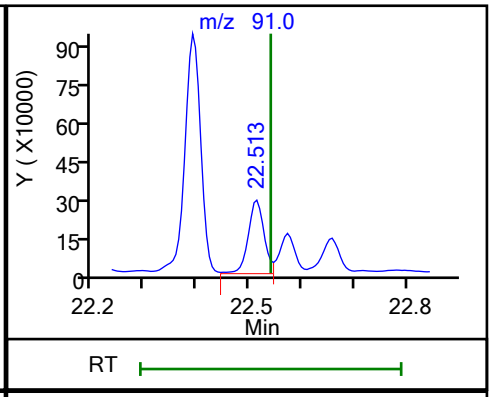
Eurofins Burlington

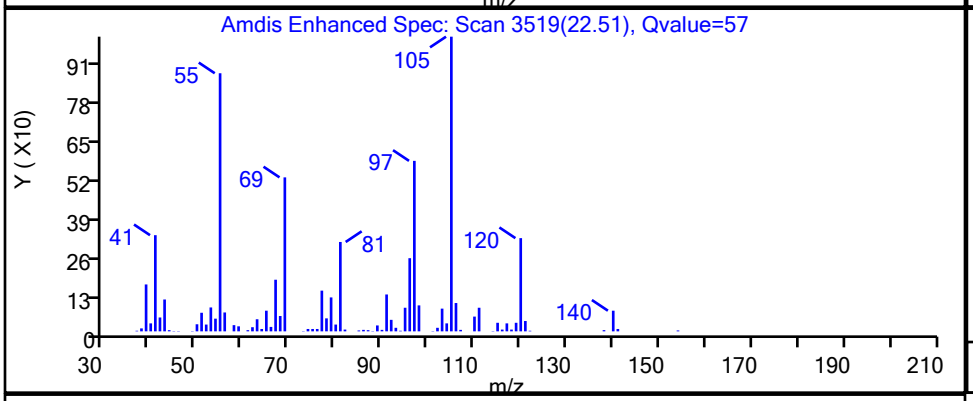
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d				
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

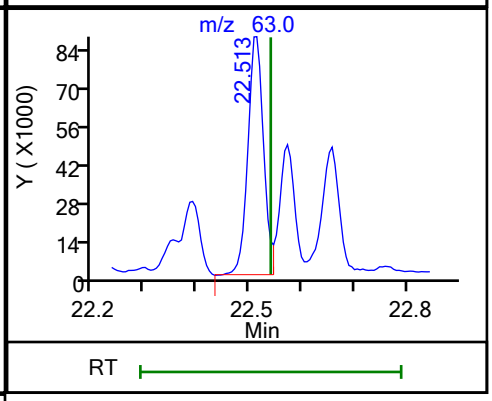
86 2-Chlorotoluene, CAS: 95-49-8

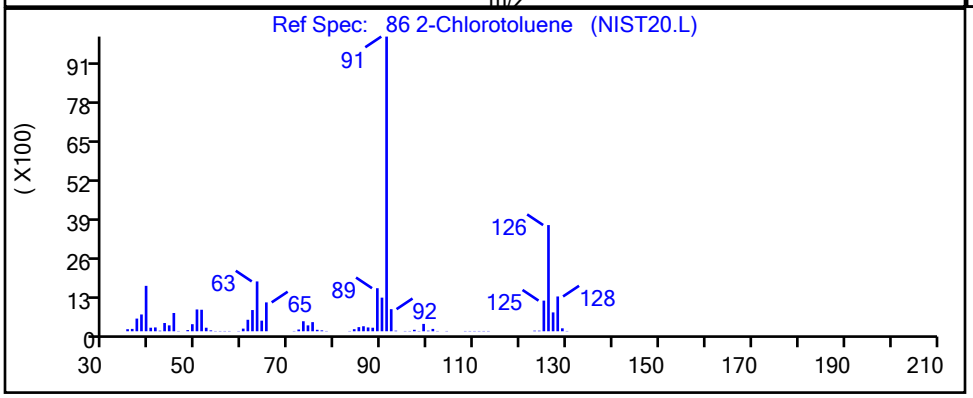
Processing Results











RT	Mass	Response	Amount
22.51	91.00	589688	3.383610
22.51	63.00	184619	

Reviewer: F7XK, 25-Jun-2025 11:38:33 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

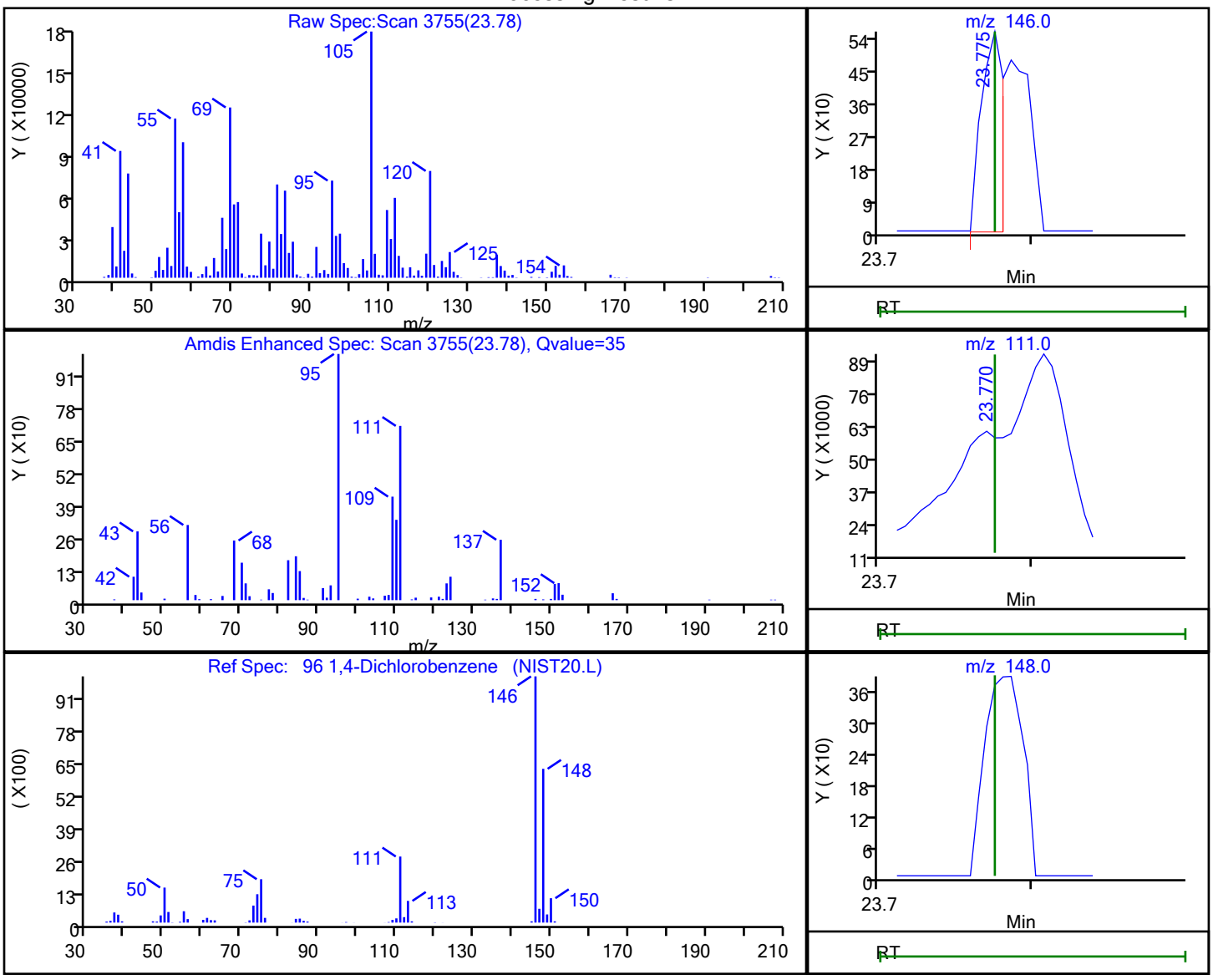
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-14.d				
Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

96 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
23.78	146.00	556	0.004200
23.77	111.00	134991	
23.78	148.00	0	

Reviewer: F7XK, 25-Jun-2025 11:39:19 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

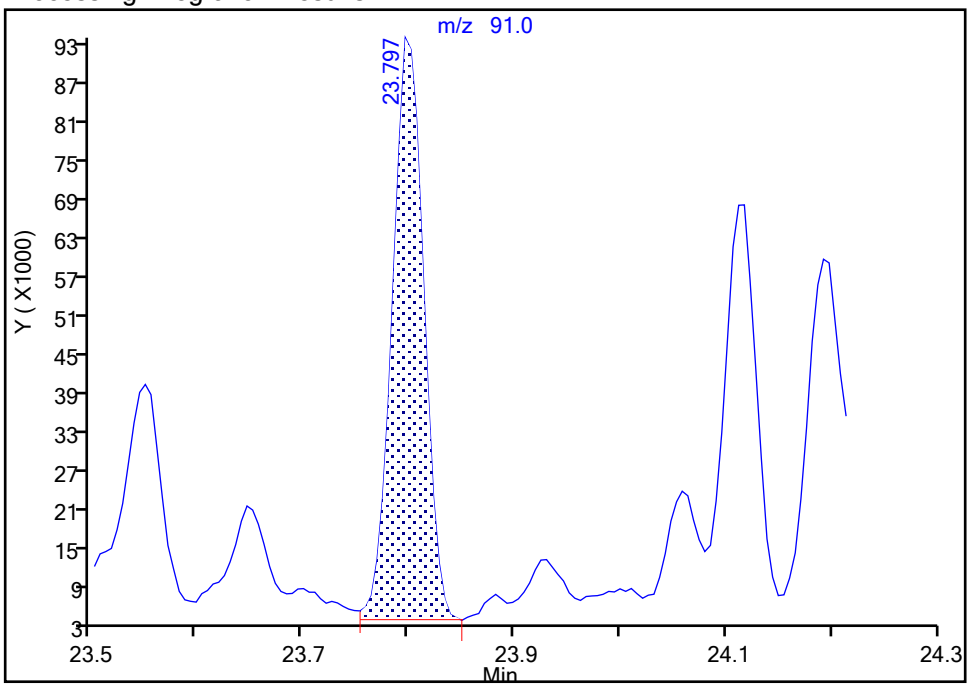
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Injection Date:	24-Jun-2025 21:48:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-4	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

97 Benzyl chloride, CAS: 100-44-7

Signal: 1

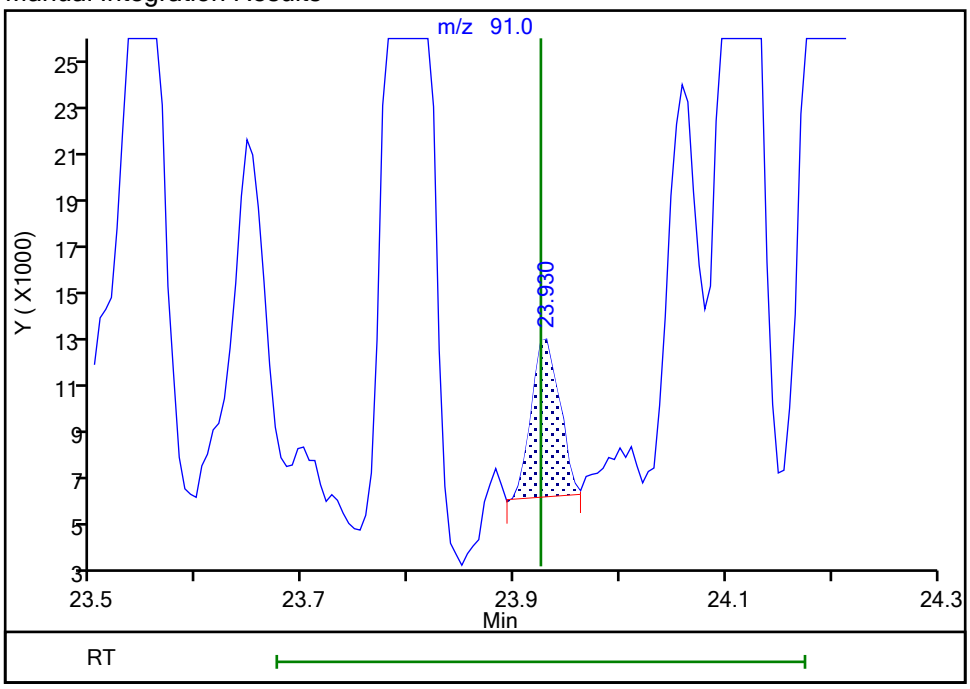
Processing Integration Results

RT: 23.80
Area: 187061
Amount: 1.256680
Amount Units: ppb v/v



Manual Integration Results

RT: 23.93
Area: 12209
Amount: 0.082020
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:39:26 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-01 DL Lab Sample ID: 200-78438-4 DL

Matrix: Air Lab File ID: 65727_009.D

Analysis Method: TO-15 Date Collected: 06/20/2025 13:10

Sample wt/vol: 8(mL) Date Analyzed: 06/25/2025 14:10

Soil Aliquot Vol: Dilution Factor: 101

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.: 217811 Units: ug/m3

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
106-97-8	n-Butane	58.12	1900	D	120	74
75-00-3	Chloroethane	64.52	9900	D	130	43
75-34-3	1,1-Dichloroethane	98.96	2000	D	82	7.4

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-01 DL Lab Sample ID: 200-78438-4 DL

Matrix: Air Lab File ID: 65727_009.D

Analysis Method: TO-15 Date Collected: 06/20/2025 13:10

Sample wt/vol: 8(mL) Date Analyzed: 06/25/2025 14:10

Soil Aliquot Vol: Dilution Factor: 101

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.: 217811 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
106-97-8	n-Butane	58.12	810	D	51	31
75-00-3	Chloroethane	64.52	3800	D	51	16
75-34-3	1,1-Dichloroethane	98.96	500	D	20	1.8

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\65727_009.D
Lims ID: 200-78438-A-4 DL
Client ID: RXSV-01
Sample Type: Client
Inject. Date: 25-Jun-2025 14:10:37 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 101.0000
Sample Info: 200-0065727-009
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jun-2025 10:13:53 Calib Date: 13-May-2025 01:19:20
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_014.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1704

First Level Reviewer: YWL8 Date: 26-Jun-2025 10:13:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.369	4.369	0.000	95	1916	0.0304	
3 Chlorodifluoromethane	51	4.417	4.417	0.000	97	16223	0.4781	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.744				ND	
5 Chloromethane	50		4.867				ND	MU
7 Butane	43	5.172	5.172	0.000	99	327251	8.04	
6 Vinyl chloride	62	5.177	5.172	0.005	28	20824	0.6952	
8 Butadiene	54		5.289				ND	7
9 Bromomethane	94		6.038				ND	
10 Chloroethane	64	6.316	6.316	-0.001	100	493847	37.2	
13 Vinyl bromide	106		6.750				ND	
14 Trichlorofluoromethane	101		6.910				ND	
20 1,1-Dichloroethene	96	7.996	7.996	0.000	86	769	0.0275	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.028	8.034	-0.006	90	3941	0.0650	
22 Acetone	43	8.098	8.082	0.016	92	52756	1.39	
23 Isopropyl alcohol	45		8.382				ND	7
24 Carbon disulfide	76	8.403	8.403	0.000	99	3549	0.0429	
26 3-Chloro-1-propene	41		8.708				ND	MU
27 Methylene Chloride	49		8.949				ND	MU
28 2-Methyl-2-propanol	59		9.157				ND	7
31 Methyl tert-butyl ether	73		9.446				ND	
30 trans-1,2-Dichloroethene	61	9.457	9.451	0.005	95	2077	0.0497	
32 Hexane	57	9.960	9.960	0.000	93	26610	0.6096	
33 1,1-Dichloroethane	63	10.238	10.232	0.005	100	261705	4.93	
36 2-Butanone (MEK)	72		11.222				ND	
37 cis-1,2-Dichloroethene	96	11.249	11.249	0.000	96	14710	0.4565	
* 39 Chlorobromomethane	128	11.666	11.666	0.000	98	243483	10.0	
40 Tetrahydrofuran	42		11.698				ND	7
41 Chloroform	83	11.854	11.848	0.006	95	11934	0.1906	
42 1,1,1-Trichloroethane	97	12.142	12.132	-0.006	97	58974	0.9590	
43 Cyclohexane	84	12.276	12.276	0.000	95	46422	1.19	
44 Carbon tetrachloride	117		12.421				ND	
45 Benzene	78	12.784	12.779	0.005	97	17603	0.1904	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
46 1,2-Dichloroethane	62		12.865				ND	
47 Isooctane	57	12.988	12.982	0.006	97	91456	0.6491	
48 n-Heptane	43	13.298	13.293	0.005	94	82516	1.68	
* 49 1,4-Difluorobenzene	114	13.523	13.523	0.000	96	1189471	10.0	
51 Trichloroethene	95	13.956	13.956	0.000	93	7055	0.1726	
53 1,2-Dichloropropane	63		14.421				ND	MU
54 Methyl methacrylate	69		14.502				ND	MU
55 1,4-Dioxane	88		14.544				ND	
58 Dichlorobromomethane	83		14.898				ND	
59 cis-1,3-Dichloropropene	75		15.700				ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.957				ND	MU
62 Toluene	92	16.337	16.331	0.006	93	59118	0.9340	
66 trans-1,3-Dichloropropene	75		16.759				ND	
67 1,1,2-Trichloroethane	83		17.139				ND	MU
68 Tetrachloroethene	166	17.326	17.321	0.005	92	27515	0.5686	
69 2-Hexanone	43		17.540				ND	MU
70 Chlorodibromomethane	129		17.877				ND	
71 Ethylene Dibromide	107		18.113				ND	
* 73 Chlorobenzene-d5	117	19.028	19.028	0.000	91	1103966	10.0	
74 Chlorobenzene	112		19.081				ND	7
75 Ethylbenzene	91	19.268	19.268	0.000	98	76646	0.5466	
76 m-Xylene & p-Xylene	106	19.525	19.530	-0.005	0	67711	1.29	
78 o-Xylene	106	20.306	20.301	0.005	98	44180	0.8872	
79 Styrene	104		20.338				ND	7
81 Bromoform	173		20.681				ND	
82 Isopropylbenzene	105	20.975	20.969	0.005	80	57363	0.3870	
83 1,1,2,2-Tetrachloroethane	83		21.494				ND	MU
85 N-Propylbenzene	91	21.676	21.670	0.006	98	147125	0.7996	
86 2-Chlorotoluene	91		21.820				ND	MU
87 4-Ethyltoluene	105	21.868	21.863	0.005	99	192926	1.33	
88 1,3,5-Trimethylbenzene	105	21.959	21.954	0.000	92	172921	1.40	
91 tert-Butylbenzene	119	22.435	22.430	0.000	52	5153	0.0443	
92 1,2,4-Trimethylbenzene	105	22.521	22.521	0.000	99	373063	3.03	
93 sec-Butylbenzene	105	22.751	22.756	0.000	92	25017	0.1382	
94 1,3-Dichlorobenzene	146		22.928				ND	
95 4-Isopropyltoluene	119	22.965	22.959	0.000	96	9250	0.0634	
96 1,4-Dichlorobenzene	146		23.067				ND	
97 Benzyl chloride	91	23.238	23.238	0.016	55	3210	0.0304	M
98 n-Butylbenzene	91	23.527	23.526	0.000	92	8226	0.0578	
99 1,2-Dichlorobenzene	146		23.570				ND	
102 1,2,4-Trichlorobenzene	180		26.063				ND	
103 Hexachlorobutadiene	225		26.309				ND	
104 Naphthalene	128	26.565	26.576	0.005	95	2469	0.0265	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

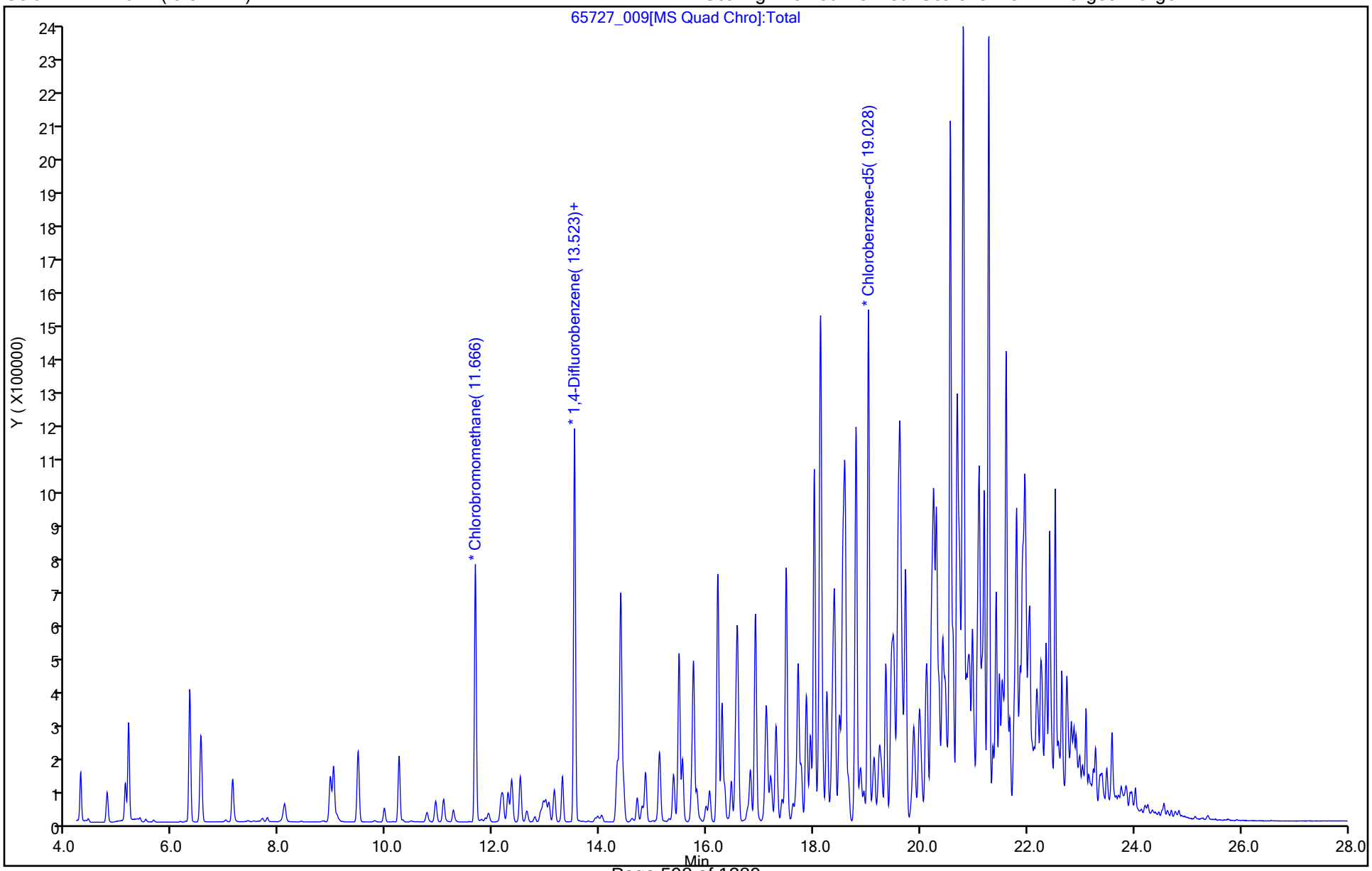
ATTO15AMISs_00004 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 26-Jun-2025 10:13:53 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\65727_009.D				
Injection Date:	25-Jun-2025 14:10:37	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-78438-A-4 DL	Lab Sample ID:	200-78438-4	Worklist Smp#:	9
Client ID:	RXSV-01				
Purge Vol:	200.000 mL	Dil. Factor:	101.0000	ALS Bottle#:	8
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



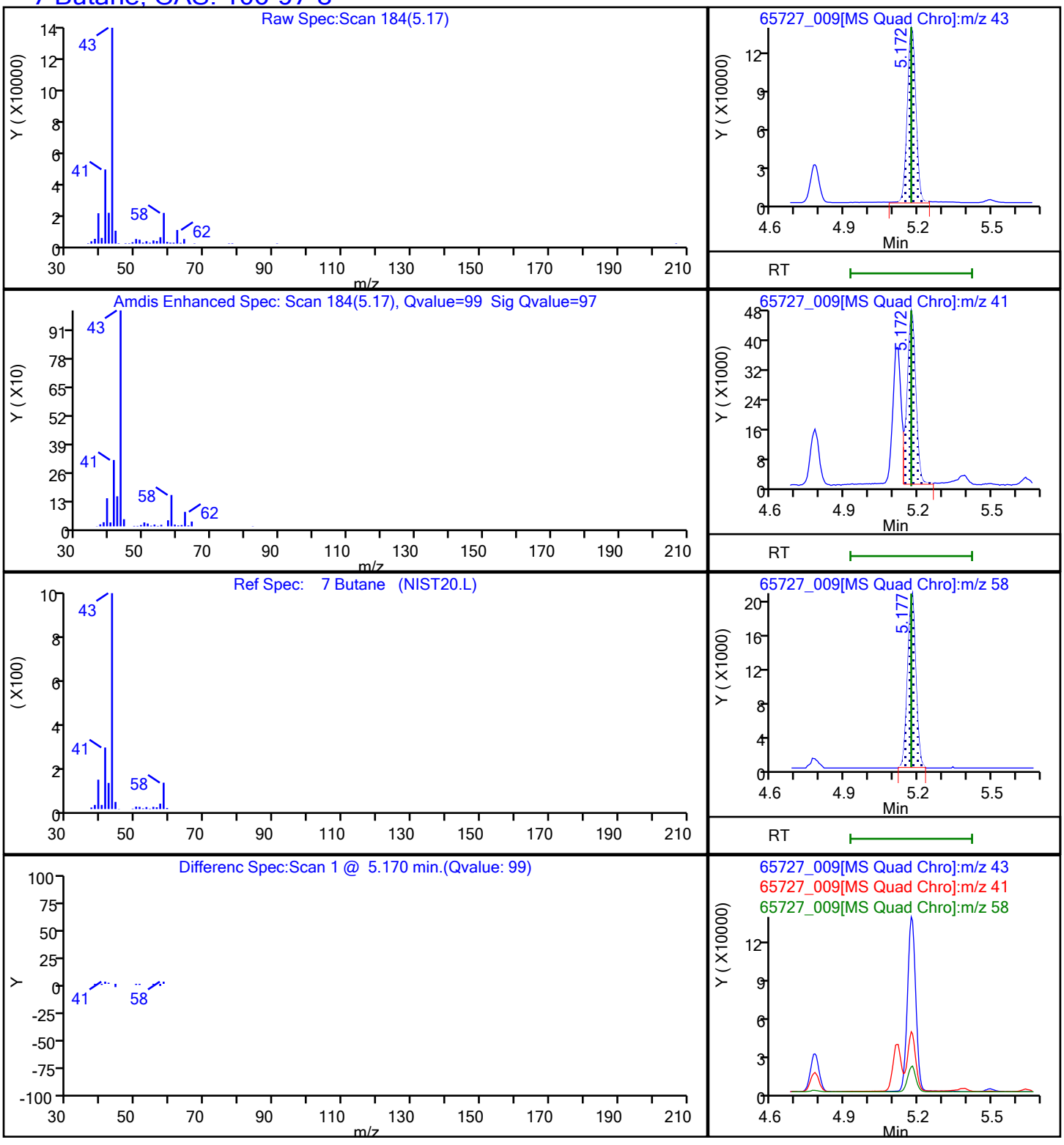
Report Date: 26-Jun-2025 10:13:53 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\65727_009.D

Injection Date:	25-Jun-2025 14:10:37	Instrument ID:	CHAM.i
Lims ID:	200-78438-A-4 DL	Lab Sample ID:	200-78438-4
Client ID:	RXSV-01		
Operator ID:	vtp	ALS Bottle#:	8 Worklist Smp#: 9
Purge Vol:	200.000 mL	Dil. Factor:	101.0000
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

7 Butane, CAS: 106-97-8



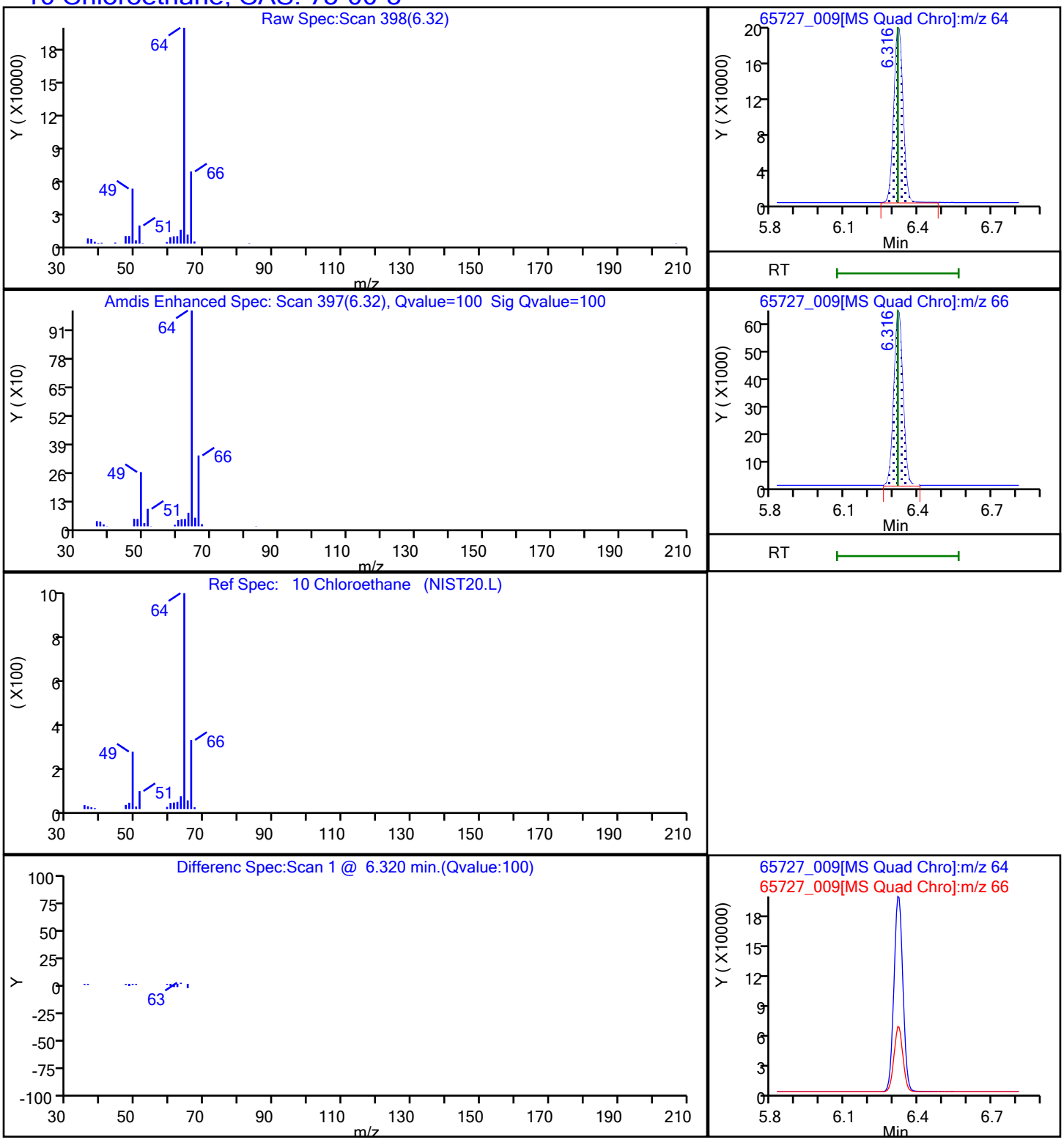
Report Date: 26-Jun-2025 10:13:53 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\65727_009.D

Injection Date:	25-Jun-2025 14:10:37	Instrument ID:	CHAM.i		
Lims ID:	200-78438-A-4 DL	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	101.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

10 Chloroethane, CAS: 75-00-3



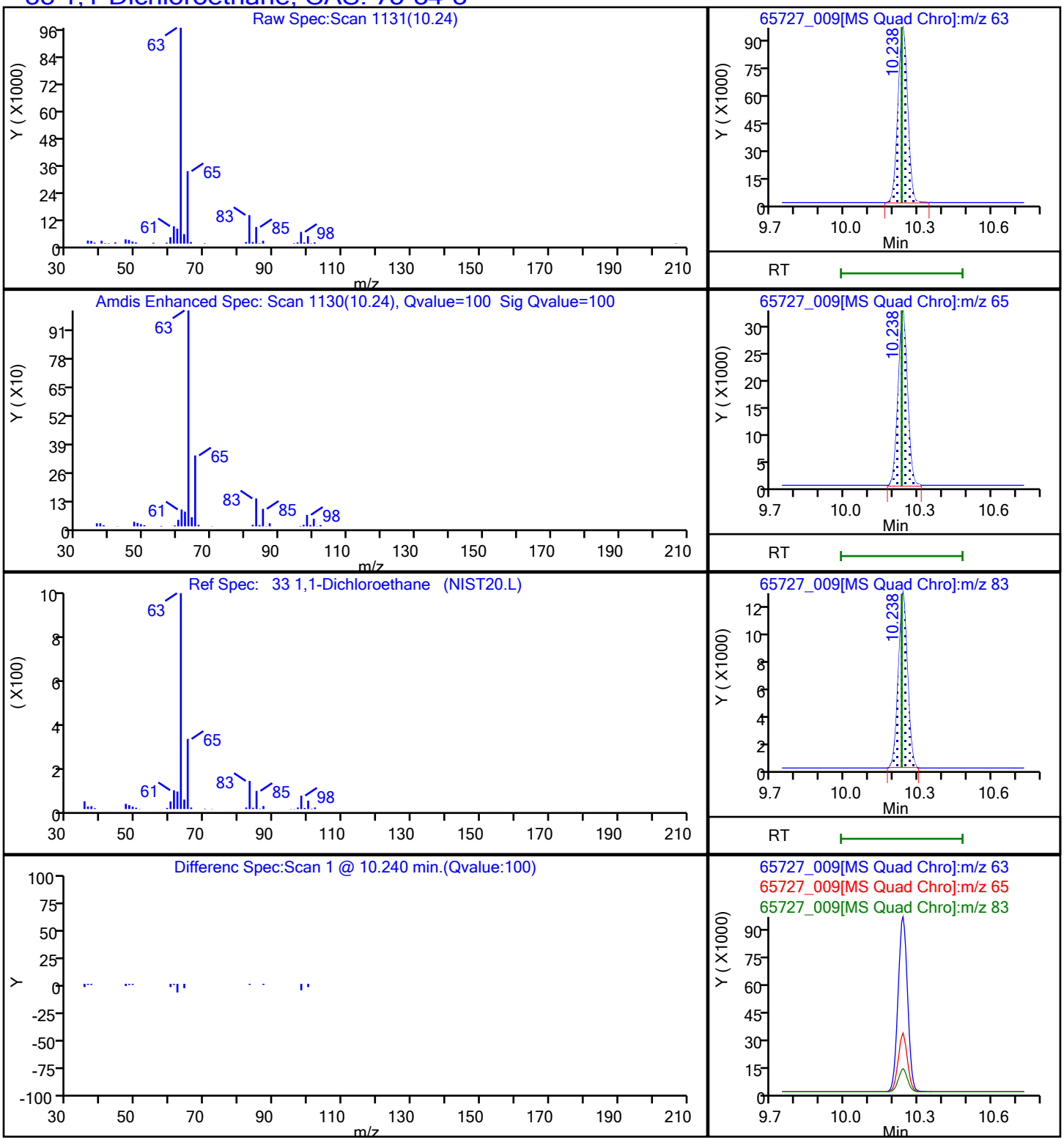
Report Date: 26-Jun-2025 10:13:53 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\65727_009.D

Injection Date:	25-Jun-2025 14:10:37	Instrument ID:	CHAM.i		
Lims ID:	200-78438-A-4 DL	Lab Sample ID:	200-78438-4		
Client ID:	RXSV-01				
Operator ID:	vtp	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	101.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

33 1,1-Dichloroethane, CAS: 75-34-3



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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-09 Lab Sample ID: 200-78438-5

Matrix: Air Lab File ID: 65709-16.d

Analysis Method: TO-15 Date Collected: 06/20/2025 13:27

Sample wt/vol: 50(mL) Date Analyzed: 06/24/2025 23:34

Soil Aliquot Vol: Dilution Factor: 4

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.: 217778 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	5.4	J	9.9	4.4
75-45-6	Chlorodifluoromethane	86.47	8.4		7.1	5.1
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	5.6	U	5.6	2.1
74-87-3	Chloromethane	50.49	4.1	U	4.1	2.7
106-97-8	n-Butane	58.12	41		4.8	2.9
75-01-4	Vinyl chloride	62.50	0.80	U	0.80	0.30
106-99-0	1,3-Butadiene	54.09	2.2		1.8	0.35
74-83-9	Bromomethane	94.94	3.1	U	3.1	0.96
75-00-3	Chloroethane	64.52	5.3	U	5.3	1.7
593-60-2	Bromoethene(Vinyl Bromide)	106.96	3.5	U	3.5	0.84
75-69-4	Trichlorofluoromethane	137.37	45		4.5	1.7
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	6.1	U	6.1	1.7
75-35-4	1,1-Dichloroethene	96.94	0.80	U	0.80	0.56
67-64-1	Acetone	58.08	210		48	18
67-63-0	Isopropyl alcohol	60.10	49	U	49	22
75-15-0	Carbon disulfide	76.14	4.3	J	6.2	2.2
107-05-1	3-Chloropropene	76.53	6.3	U	6.3	1.0
75-09-2	Methylene Chloride	84.93	6.9	U	6.9	2.6
75-65-0	tert-Butyl alcohol	74.12	100		61	19
1634-04-4	Methyl tert-butyl ether	88.15	2.0	J	2.9	0.95
156-60-5	trans-1,2-Dichloroethene	96.94	3.2	U	3.2	0.32
110-54-3	n-Hexane	86.17	18		7.0	2.3
75-34-3	1,1-Dichloroethane	98.96	0.51	J	3.2	0.29
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	7.1		5.9	1.7
156-59-2	cis-1,2-Dichloroethene	96.94	0.80	U	0.80	0.51
67-66-3	Chloroform	119.38	120		3.9	1.2
109-99-9	Tetrahydrofuran	72.11	59	U	59	20
71-55-6	1,1,1-Trichloroethane	133.41	1.6	J	4.4	1.6
110-82-7	Cyclohexane	84.16	22		2.8	0.72
56-23-5	Carbon tetrachloride	153.81	0.88	U	0.88	0.60

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-09 Lab Sample ID: 200-78438-5

Matrix: Air Lab File ID: 65709-16.d

Analysis Method: TO-15 Date Collected: 06/20/2025 13:27

Sample wt/vol: 50(mL) Date Analyzed: 06/24/2025 23:34

Soil Aliquot Vol: Dilution Factor: 4

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.: 217778 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	2,2,4-Trimethylpentane	114.23	27		3.7	1.3
71-43-2	Benzene	78.11	15		2.6	0.65
107-06-2	1,2-Dichloroethane	98.96	3.2	U	3.2	1.2
142-82-5	n-Heptane	100.21	29		3.3	1.4
79-01-6	Trichloroethene	131.39	2.5		0.80	0.62
80-62-6	Methyl methacrylate	100.12	8.2	U	8.2	2.1
78-87-5	1,2-Dichloropropane	112.99	3.7	U	3.7	1.0
123-91-1	1,4-Dioxane	88.11	72	U	72	2.7
75-27-4	Bromodichloromethane	163.83	3.9	J	5.4	1.6
10061-01-5	cis-1,3-Dichloropropene	110.97	3.6	U	3.6	1.0
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	8.2	U	8.2	3.1
108-88-3	Toluene	92.14	150		3.0	0.81
10061-02-6	trans-1,3-Dichloropropene	110.97	3.6	U	3.6	1.1
79-00-5	1,1,2-Trichloroethane	133.41	4.4	U	4.4	1.2
127-18-4	Tetrachloroethene	165.83	29		5.4	0.98
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	8.2	U	8.2	3.3
124-48-1	Dibromochloromethane	208.28	6.8	U	6.8	1.8
106-93-4	1,2-Dibromoethane	187.87	6.1	U	6.1	1.4
108-90-7	Chlorobenzene	112.56	3.7	U	3.7	0.87
100-41-4	Ethylbenzene	106.17	85		3.5	0.89
179601-23-1	m,p-Xylene	106.17	450		8.7	0.24
95-47-6	o-Xylene	106.17	300		3.5	1.2
100-42-5	Styrene	104.15	3.4	U	3.4	0.95
75-25-2	Bromoform	252.75	8.3	U	8.3	2.4
98-82-8	Cumene	120.19	80		3.9	1.4
79-34-5	1,1,2,2-Tetrachloroethane	167.85	5.5	U	5.5	1.7
103-65-1	n-Propylbenzene	120.19	360		3.9	1.2
622-96-8	4-Ethyltoluene	120.20	680		3.9	1.3
108-67-8	1,3,5-Trimethylbenzene	120.20	700		3.9	1.3
95-49-8	2-Chlorotoluene	126.59	4.1	U	4.1	1.2

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-09 Lab Sample ID: 200-78438-5

Matrix: Air Lab File ID: 65709-16.d

Analysis Method: TO-15 Date Collected: 06/20/2025 13:27

Sample wt/vol: 50(mL) Date Analyzed: 06/24/2025 23:34

Soil Aliquot Vol: Dilution Factor: 4

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.: 217778 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
98-06-6	tert-Butylbenzene	134.22	4.4	U	4.4	1.5
135-98-8	sec-Butylbenzene	134.22	21		4.4	1.6
99-87-6	4-Isopropyltoluene	134.22	18		4.4	1.7
541-73-1	1,3-Dichlorobenzene	147.00	4.8	U	4.8	1.5
106-46-7	1,4-Dichlorobenzene	147.00	4.8	U	4.8	1.7
100-44-7	Benzyl chloride	126.58	4.1	U	4.1	1.5
104-51-8	n-Butylbenzene	134.22	37		4.4	1.5
95-50-1	1,2-Dichlorobenzene	147.00	4.8	U	4.8	1.6
120-82-1	1,2,4-Trichlorobenzene	181.45	15	U	15	8.9
87-68-3	Hexachlorobutadiene	260.76	8.5	U	8.5	3.3
91-20-3	Naphthalene	128.17	22		8.0	2.3

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-09 Lab Sample ID: 200-78438-5

Matrix: Air Lab File ID: 65709-16.d

Analysis Method: TO-15 Date Collected: 06/20/2025 13:27

Sample wt/vol: 50(mL) Date Analyzed: 06/24/2025 23:34

Soil Aliquot Vol: Dilution Factor: 4

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.: 217778 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	1.1	J	2.0	0.88
75-45-6	Chlorodifluoromethane	86.47	2.4		2.0	1.4
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.80	U	0.80	0.30
74-87-3	Chloromethane	50.49	2.0	U	2.0	1.3
106-97-8	n-Butane	58.12	17		2.0	1.2
75-01-4	Vinyl chloride	62.50	0.31	U	0.31	0.12
106-99-0	1,3-Butadiene	54.09	1.0		0.80	0.16
74-83-9	Bromomethane	94.94	0.80	U	0.80	0.25
75-00-3	Chloroethane	64.52	2.0	U	2.0	0.64
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.80	U	0.80	0.19
75-69-4	Trichlorofluoromethane	137.37	7.9		0.80	0.31
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.80	U	0.80	0.23
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.14
67-64-1	Acetone	58.08	90		20	7.6
67-63-0	Isopropyl alcohol	60.10	20	U	20	8.8
75-15-0	Carbon disulfide	76.14	1.4	J	2.0	0.72
107-05-1	3-Chloropropene	76.53	2.0	U	2.0	0.32
75-09-2	Methylene Chloride	84.93	2.0	U	2.0	0.76
75-65-0	tert-Butyl alcohol	74.12	34		20	6.4
1634-04-4	Methyl tert-butyl ether	88.15	0.55	J	0.80	0.26
156-60-5	trans-1,2-Dichloroethene	96.94	0.80	U	0.80	0.080
110-54-3	n-Hexane	86.17	5.1		2.0	0.64
75-34-3	1,1-Dichloroethane	98.96	0.13	J	0.80	0.072
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	2.4		2.0	0.56
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.13
67-66-3	Chloroform	119.38	24		0.80	0.24
109-99-9	Tetrahydrofuran	72.11	20	U	20	6.8
71-55-6	1,1,1-Trichloroethane	133.41	0.29	J	0.80	0.29
110-82-7	Cyclohexane	84.16	6.3		0.80	0.21
56-23-5	Carbon tetrachloride	153.81	0.14	U	0.14	0.096

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-09 Lab Sample ID: 200-78438-5

Matrix: Air Lab File ID: 65709-16.d

Analysis Method: TO-15 Date Collected: 06/20/2025 13:27

Sample wt/vol: 50(mL) Date Analyzed: 06/24/2025 23:34

Soil Aliquot Vol: Dilution Factor: 4

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.: 217778 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	2,2,4-Trimethylpentane	114.23	5.9		0.80	0.28
71-43-2	Benzene	78.11	4.7		0.80	0.20
107-06-2	1,2-Dichloroethane	98.96	0.80	U	0.80	0.30
142-82-5	n-Heptane	100.21	7.1		0.80	0.34
79-01-6	Trichloroethene	131.39	0.47		0.15	0.12
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.52
78-87-5	1,2-Dichloropropane	112.99	0.80	U	0.80	0.22
123-91-1	1,4-Dioxane	88.11	20	U	20	0.76
75-27-4	Bromodichloromethane	163.83	0.58	J	0.80	0.23
10061-01-5	cis-1,3-Dichloropropene	110.97	0.80	U	0.80	0.22
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.76
108-88-3	Toluene	92.14	39		0.80	0.22
10061-02-6	trans-1,3-Dichloropropene	110.97	0.80	U	0.80	0.25
79-00-5	1,1,2-Trichloroethane	133.41	0.80	U	0.80	0.21
127-18-4	Tetrachloroethene	165.83	4.3		0.80	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.80
124-48-1	Dibromochloromethane	208.28	0.80	U	0.80	0.21
106-93-4	1,2-Dibromoethane	187.87	0.80	U	0.80	0.18
108-90-7	Chlorobenzene	112.56	0.80	U	0.80	0.19
100-41-4	Ethylbenzene	106.17	19		0.80	0.20
179601-23-1	m,p-Xylene	106.17	100		2.0	0.056
95-47-6	o-Xylene	106.17	69		0.80	0.28
100-42-5	Styrene	104.15	0.80	U	0.80	0.22
75-25-2	Bromoform	252.75	0.80	U	0.80	0.23
98-82-8	Cumene	120.19	16		0.80	0.29
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.80	U	0.80	0.24
103-65-1	n-Propylbenzene	120.19	73		0.80	0.25
622-96-8	4-Ethyltoluene	120.20	140		0.80	0.27
108-67-8	1,3,5-Trimethylbenzene	120.20	140		0.80	0.27
95-49-8	2-Chlorotoluene	126.59	0.80	U	0.80	0.23

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-09 Lab Sample ID: 200-78438-5

Matrix: Air Lab File ID: 65709-16.d

Analysis Method: TO-15 Date Collected: 06/20/2025 13:27

Sample wt/vol: 50(mL) Date Analyzed: 06/24/2025 23:34

Soil Aliquot Vol: Dilution Factor: 4

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.: 217778 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
98-06-6	tert-Butylbenzene	134.22	0.80	U	0.80	0.28
135-98-8	sec-Butylbenzene	134.22	3.8		0.80	0.29
99-87-6	4-Isopropyltoluene	134.22	3.3		0.80	0.31
541-73-1	1,3-Dichlorobenzene	147.00	0.80	U	0.80	0.25
106-46-7	1,4-Dichlorobenzene	147.00	0.80	U	0.80	0.28
100-44-7	Benzyl chloride	126.58	0.80	U	0.80	0.30
104-51-8	n-Butylbenzene	134.22	6.7		0.80	0.28
95-50-1	1,2-Dichlorobenzene	147.00	0.80	U	0.80	0.26
120-82-1	1,2,4-Trichlorobenzene	181.45	2.0	U	2.0	1.2
87-68-3	Hexachlorobutadiene	260.76	0.80	U	0.80	0.31
91-20-3	Naphthalene	128.17	4.3		1.5	0.44

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d
Lims ID: 200-78438-A-5
Client ID: RXSV-09
Sample Type: Client
Inject. Date: 24-Jun-2025 23:34:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 200.000 mL Dil. Factor: 4.0000
Sample Info: 200-0065709-016
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 25-Jun-2025 11:51:16 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1719

First Level Reviewer: F7XK Date: 25-Jun-2025 11:51:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.200	4.195	-0.001	98	18920	0.2712	
3 Chlorodifluoromethane	51	4.243	4.243	0.005	97	24092	0.5963	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.538				ND	7
5 Chloromethane	50	4.655	4.655	0.005	93	1772	0.0725	
6 Vinyl chloride	62		4.949				ND	
7 Butane	43	4.955	4.949	0.006	98	127641	4.32	
8 Butadiene	54	5.062	5.062	0.000	94	4292	0.2537	
9 Bromomethane	94		5.805				ND	
10 Chloroethane	64	6.110	6.110	0.010	1	2288	0.1388	M
13 Vinyl bromide	106		6.570				ND	
14 Trichlorofluoromethane	101	6.757	6.755	0.005	98	142634	1.99	
20 1,1-Dichloroethene	96		7.988				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.031				ND	MU
22 Acetone	43	8.063	8.058	0.000	97	842827	22.6	
23 Isopropyl alcohol	45	8.448	8.486	0.043	99	23082	0.5922	
24 Carbon disulfide	76	8.475	8.480	0.000	99	31084	0.3434	
26 3-Chloro-1-propene	41		8.812				ND	
27 Methylene Chloride	49	9.095	9.101	0.005	82	3555	0.1072	
28 2-Methyl-2-propanol	59	9.331	9.320	0.011	99	457417	8.59	
31 Methyl tert-butyl ether	73	9.716	9.695	0.021	88	10710	0.1373	
30 trans-1,2-Dichloroethene	61		9.695				ND	
32 Hexane	57	10.299	10.299	0.000	92	57276	1.28	
33 1,1-Dichloroethane	63	10.593	10.593	0.000	94	1783	0.0313	
36 2-Butanone (MEK)	72	11.717	11.690	0.032	97	9209	0.6057	
37 cis-1,2-Dichloroethene	96		11.728				ND	
* 39 Chlorobromomethane	128	12.193	12.188	0.005	90	252017	10.0	
40 Tetrahydrofuran	42		12.236				ND	7
41 Chloroform	83	12.385	12.380	0.005	95	390179	6.09	
42 1,1,1-Trichloroethane	97	12.728	12.723	0.000	96	4595	0.0715	
43 Cyclohexane	84	12.888	12.894	-0.006	98	67038	1.57	
44 Carbon tetrachloride	117	13.049	13.043	0.005	1	742	0.0112	
45 Benzene	78	13.412	13.413	-0.001	95	120727	1.18	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
46 1,2-Dichloroethane	62		13.488				ND	
47 Isooctane	57	13.643	13.643	0.000	98	217097	1.47	
48 n-Heptane	43	13.974	13.969	0.005	90	87607	1.78	
* 49 1,4-Difluorobenzene	114	14.194	14.194	0.000	94	1284651	10.0	
51 Trichloroethene	95	14.670	14.670	0.005	96	5595	0.1164	
53 1,2-Dichloropropane	63		15.146				ND	MU
54 Methyl methacrylate	69		15.216				ND	MU
55 1,4-Dioxane	88		15.274				ND	
58 Dichlorobromomethane	83	15.633	15.633	0.000	91	9854	0.1438	M
59 cis-1,3-Dichloropropene	75		16.473				ND	
61 4-Methyl-2-pentanone (MIBK)	43	16.735	16.735	0.016	94	9855	0.1621	M
62 Toluene	92	17.147	17.147	0.000	93	731474	9.85	
66 trans-1,3-Dichloropropene	75		17.553				ND	7
67 1,1,2-Trichloroethane	83		17.949				ND	MU
68 Tetrachloroethene	166	18.179	18.179	0.000	98	75405	1.07	
69 2-Hexanone	43		18.340				ND	MU
70 Chlorodibromomethane	129		18.720				ND	
71 Ethylene Dibromide	107		18.976				ND	
* 73 Chlorobenzene-d5	117	19.907	19.907	0.000	86	1231366	10.0	
74 Chlorobenzene	112		19.966				ND	7
75 Ethylbenzene	91	20.148	20.148	0.000	98	812153	4.87	
76 m-Xylene & p-Xylene	106	20.388	20.405	-0.017	0	1701622	25.8	
78 o-Xylene	106	21.111	21.111	0.000	99	1052707	17.4	
79 Styrene	104		21.143				ND	MU
81 Bromoform	173		21.464				ND	
82 Isopropylbenzene	105	21.731	21.731	-0.001	98	740258	4.07	
83 1,1,2,2-Tetrachloroethane	83		22.192				ND	MU
85 N-Propylbenzene	91	22.389	22.389	-0.001	99	4162937	18.2	
86 2-Chlorotoluene	91		22.539				ND	MU
87 4-Ethyltoluene	105	22.571	22.571	0.000	99	6521664	34.6	
88 1,3,5-Trimethylbenzene	105	22.651	22.652	-0.001	94	5651164	35.5	
91 tert-Butylbenzene	119		23.117				ND	MU
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	97	12476384	79.2	E
93 sec-Butylbenzene	105	23.438	23.438	0.000	98	226588	0.9574	M
94 1,3-Dichlorobenzene	146		23.631				ND	7
95 4-Isopropyltoluene	119	23.652	23.652	0.000	98	168342	0.8335	
96 1,4-Dichlorobenzene	146		23.775				ND	MU
97 Benzyl chloride	91	23.930	23.930	0.005	57	6638	0.0482	M
98 n-Butylbenzene	91	24.251	24.251	0.000	98	307337	1.69	
99 1,2-Dichlorobenzene	146		24.310				ND	
102 1,2,4-Trichlorobenzene	180		27.028				ND	MU
103 Hexachlorobutadiene	225		27.295				ND	7
104 Naphthalene	128	27.584	27.579	0.005	99	176926	1.07	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

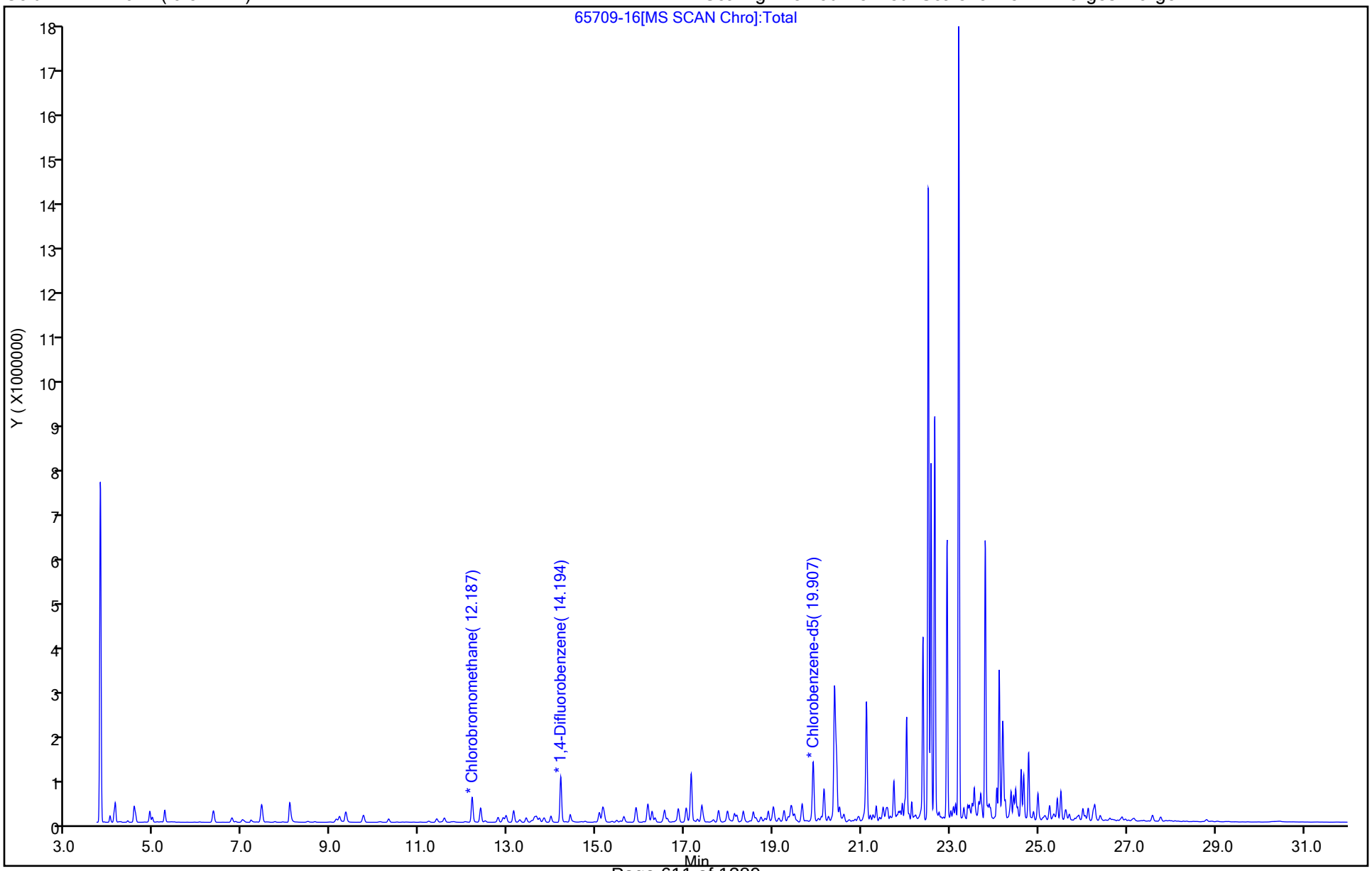
Report Date: 25-Jun-2025 11:51:17 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d

Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5	Worklist Smp#:	16
Client ID:	RXSV-09				
Purge Vol:	200.000 mL	Dil. Factor:	4.0000	ALS Bottle#:	15
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Report Date: 25-Jun-2025 11:51:17 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d

Injection Date: 24-Jun-2025 23:34:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-5 Lab Sample ID: 200-78438-5

Client ID: RXSV-09

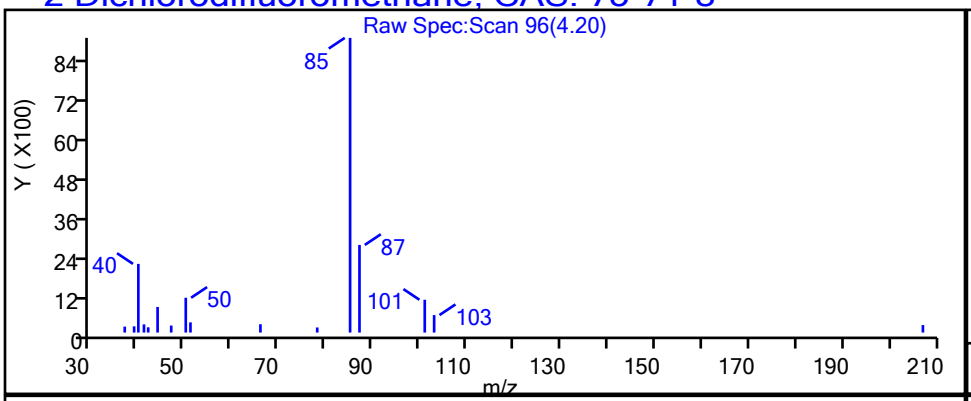
Operator ID: vtp ALS Bottle#: 15 Worklist Smp#: 16

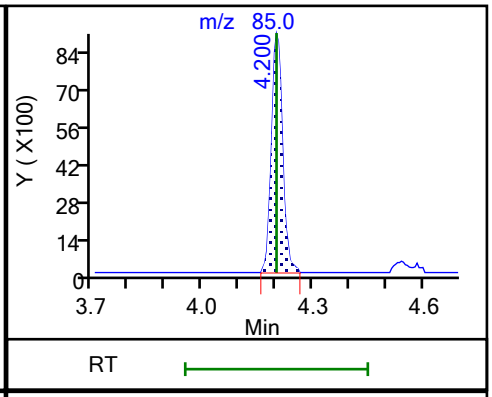
Purge Vol: 200.000 mL Dil. Factor: 4.0000

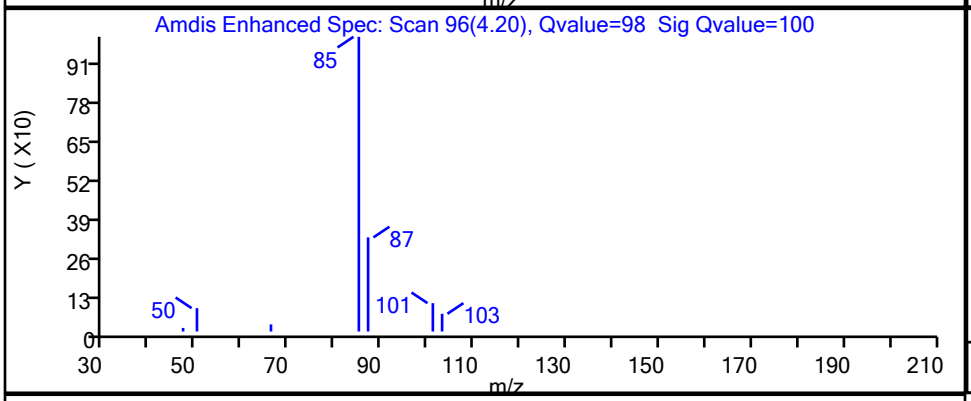
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

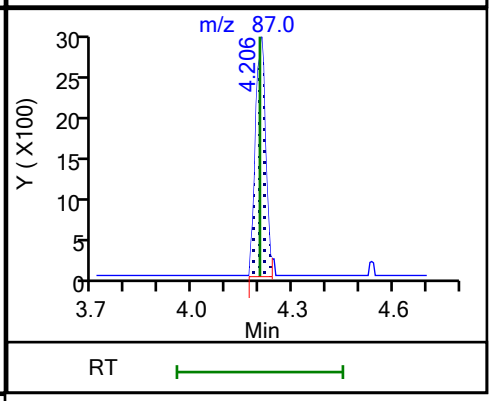
Column: RTX-624 (0.32 mm) Detector MS SCAN

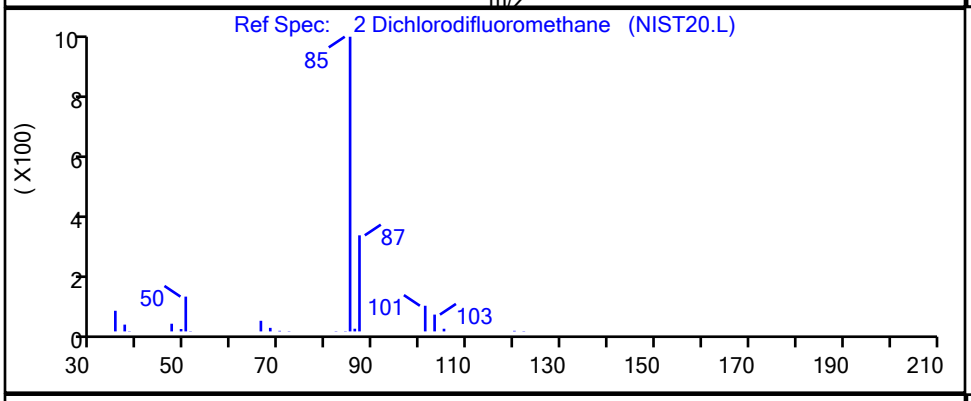
2 Dichlorodifluoromethane, CAS: 75-71-8

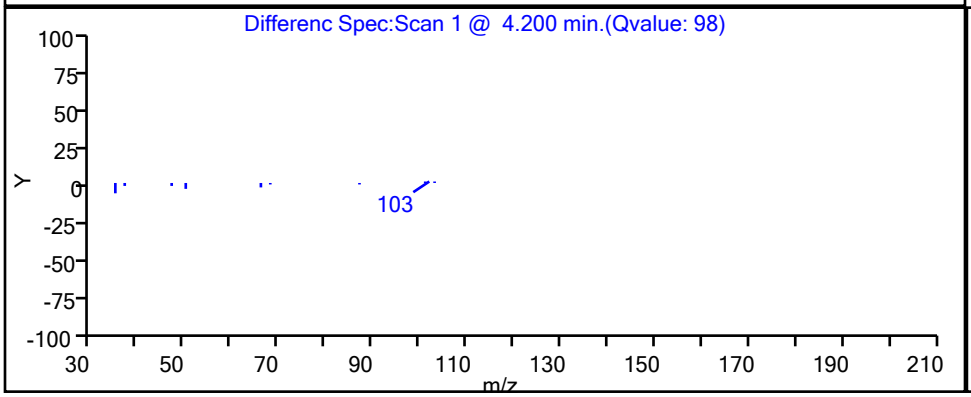


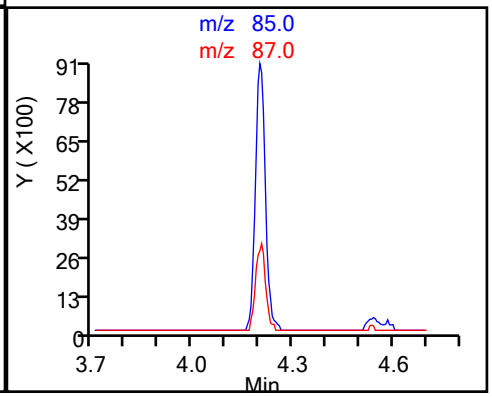












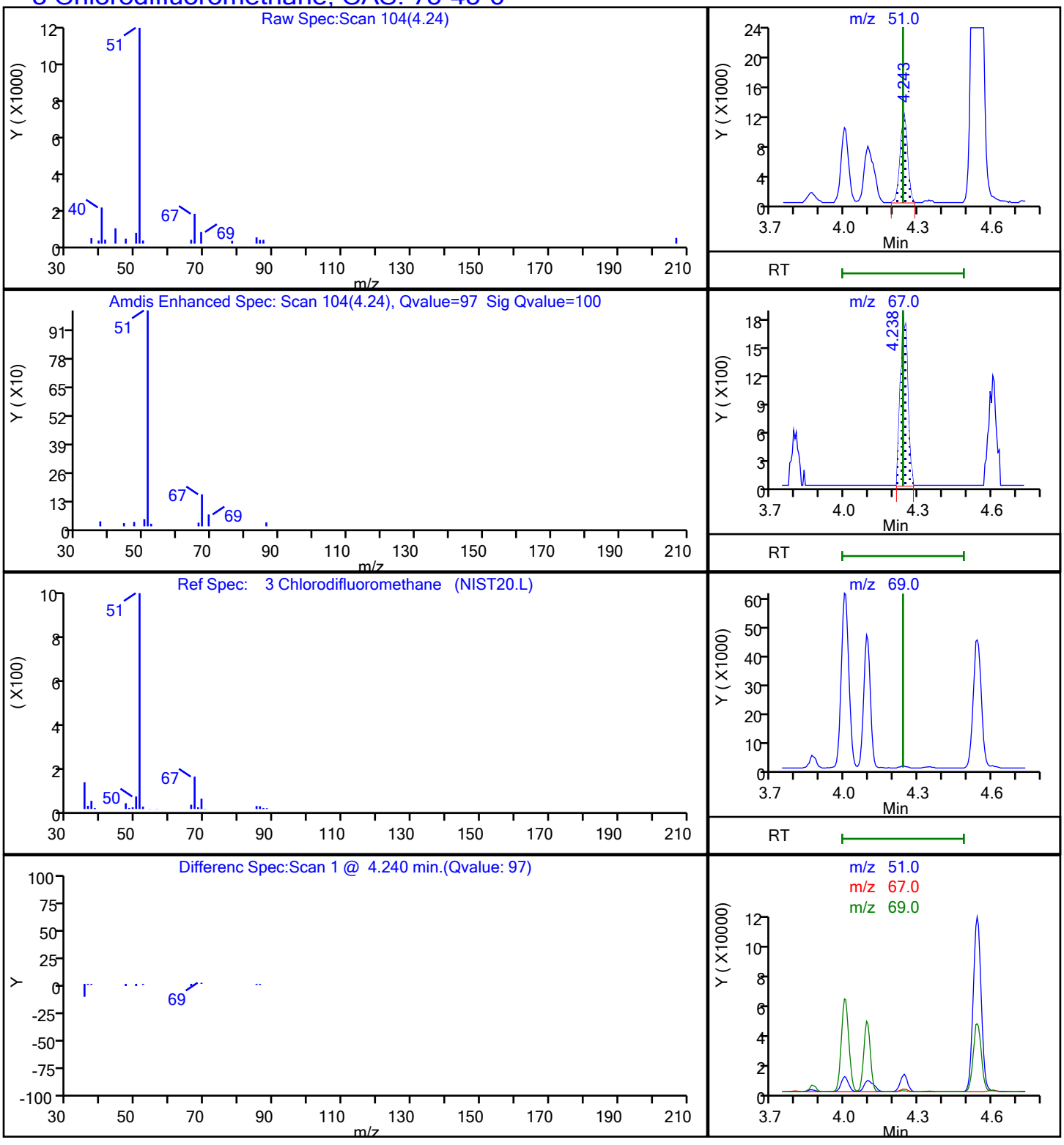
Report Date: 25-Jun-2025 11:51:17 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d

Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6



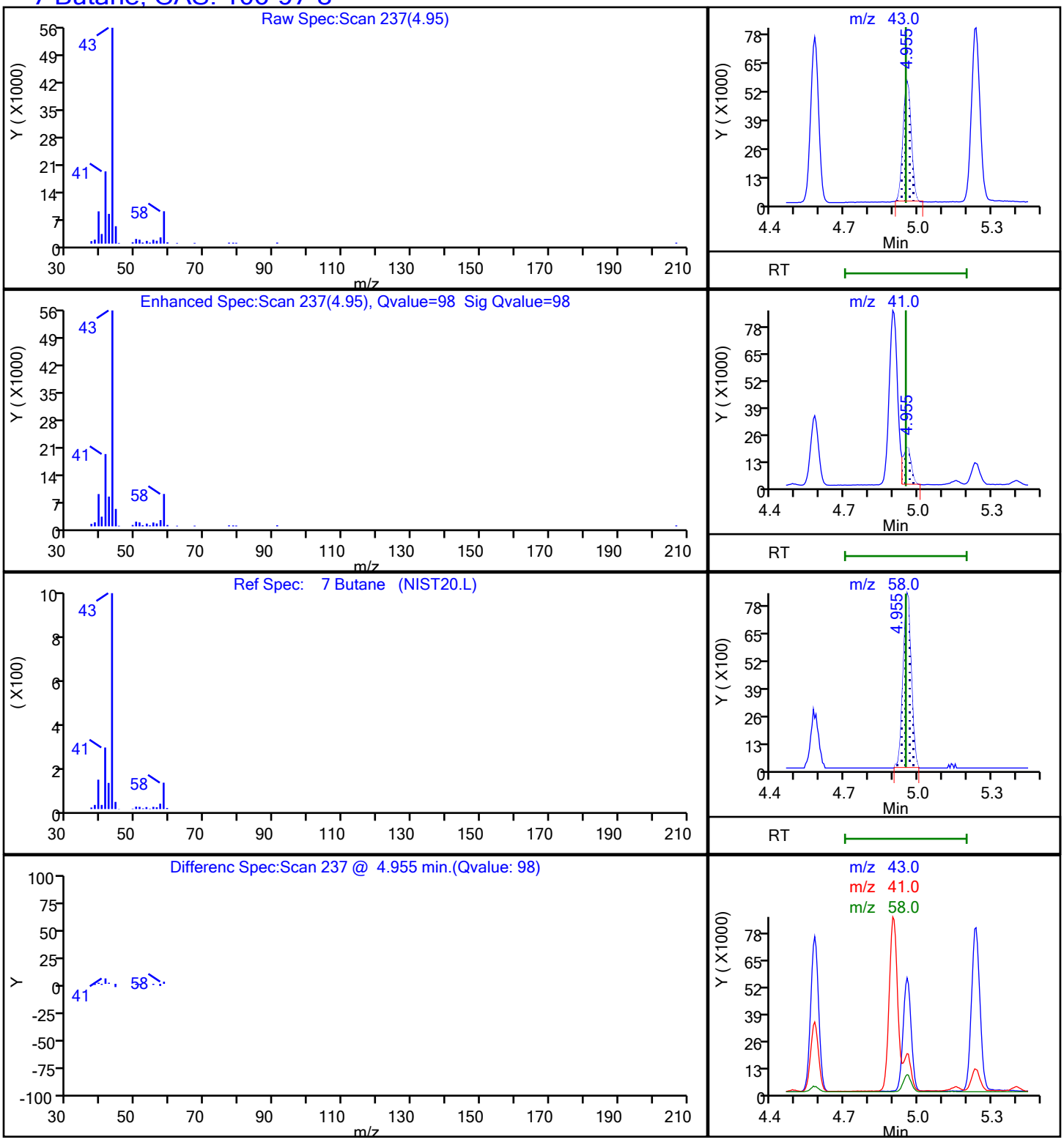
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d

Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

7 Butane, CAS: 106-97-8

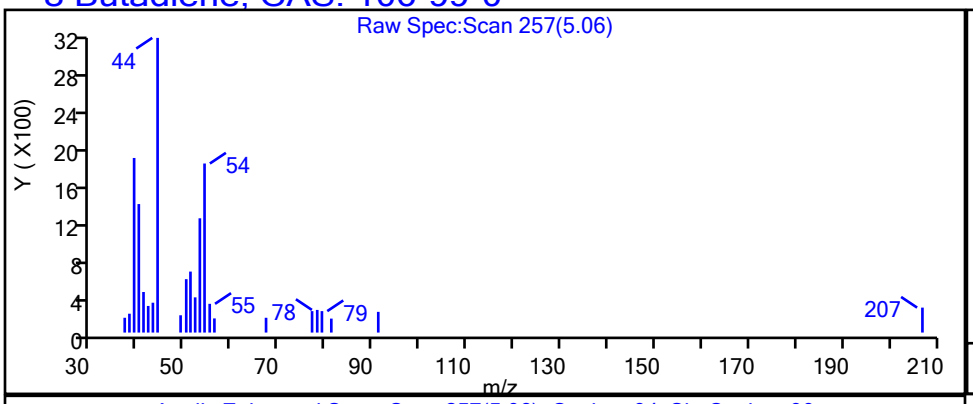


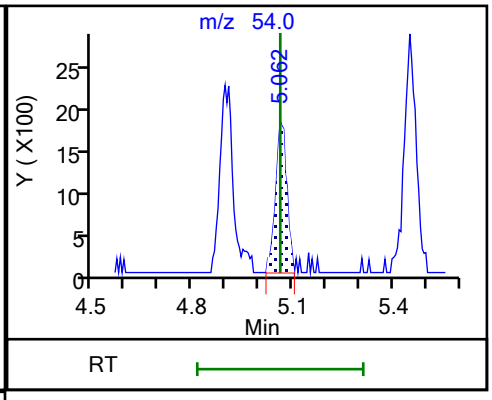
Report Date: 25-Jun-2025 11:51:17 Chrom Revision: 2.3 14-Jun-2025 12:06:34

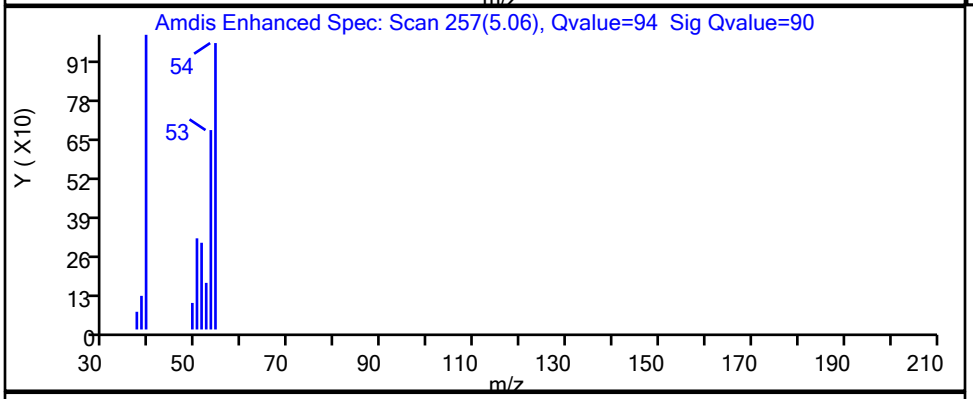
Eurofins Burlington

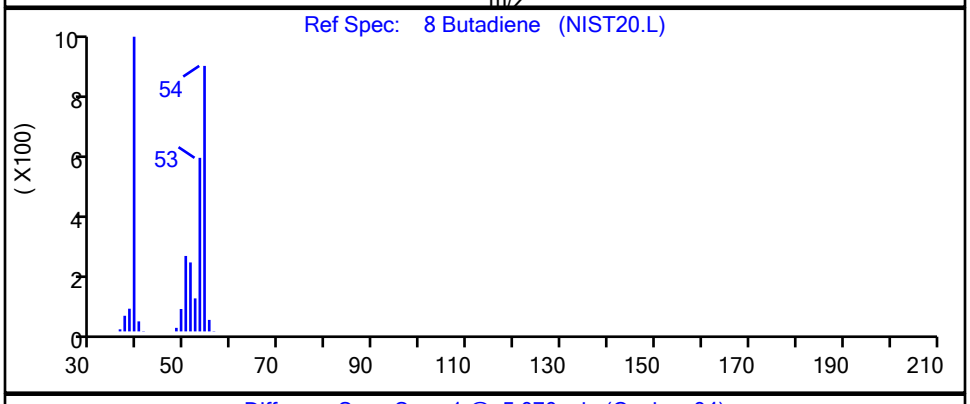
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Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

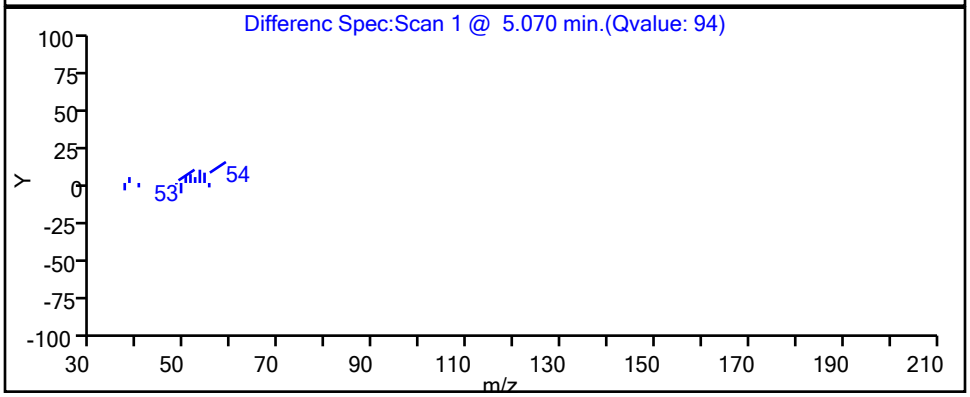
8 Butadiene, CAS: 106-99-0











Report Date: 25-Jun-2025 11:51:17 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d

Injection Date: 24-Jun-2025 23:34:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-5 Lab Sample ID: 200-78438-5

Client ID: RXSV-09

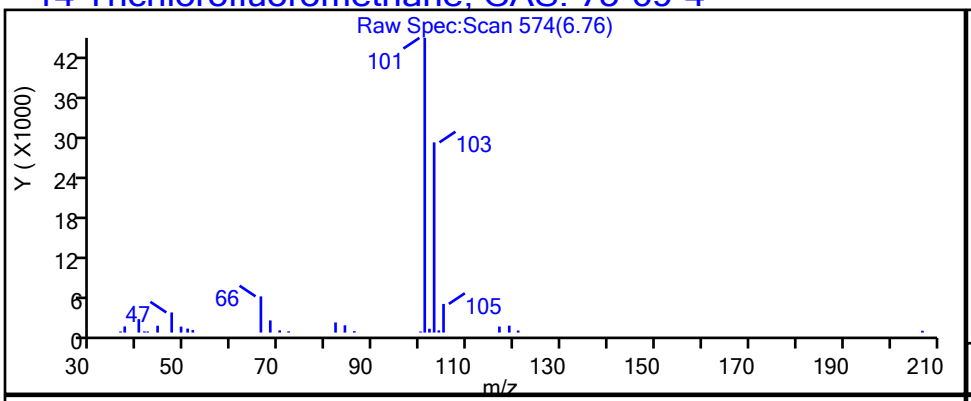
Operator ID: vtp ALS Bottle#: 15 Worklist Smp#: 16

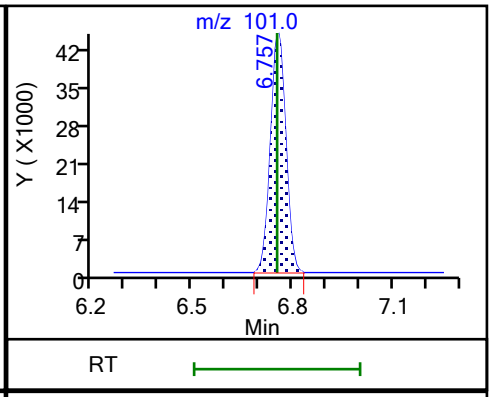
Purge Vol: 200.000 mL Dil. Factor: 4.0000

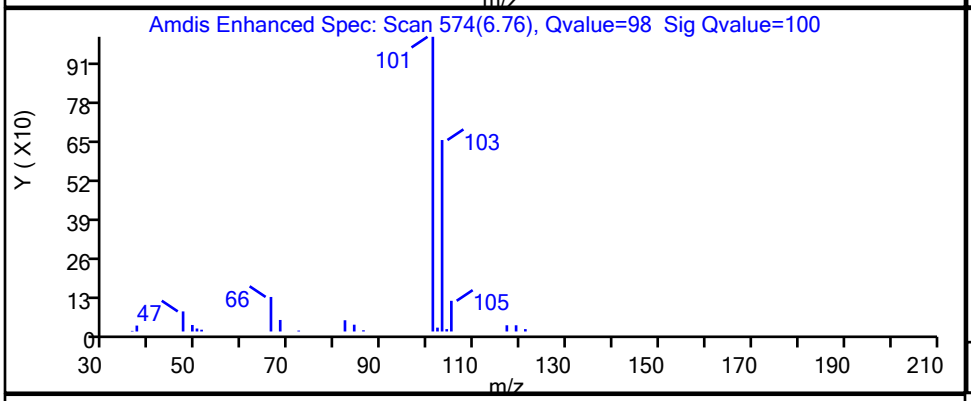
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

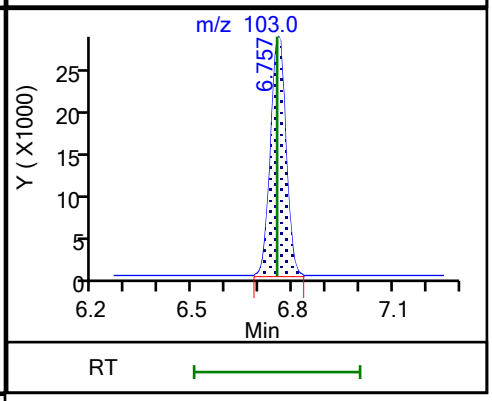
Column: RTX-624 (0.32 mm) Detector MS SCAN

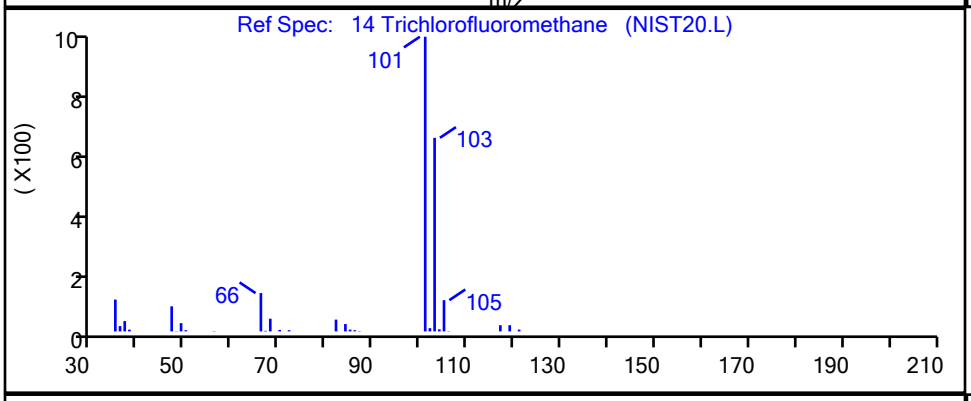
14 Trichlorofluoromethane, CAS: 75-69-4

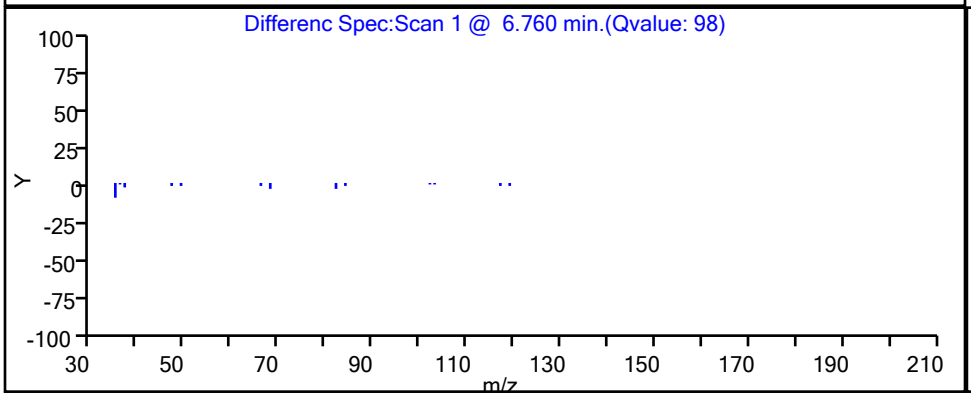


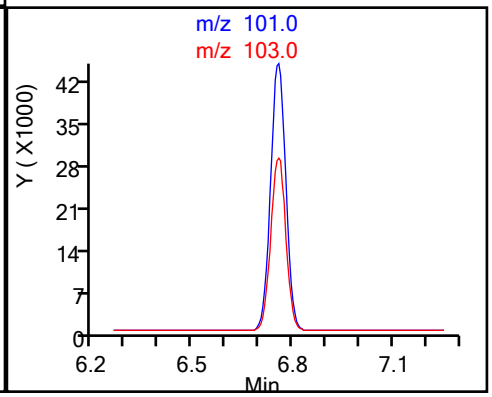










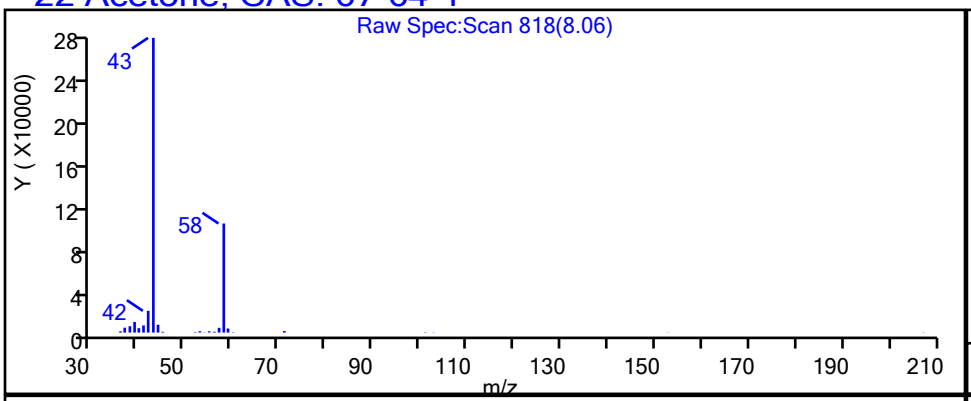


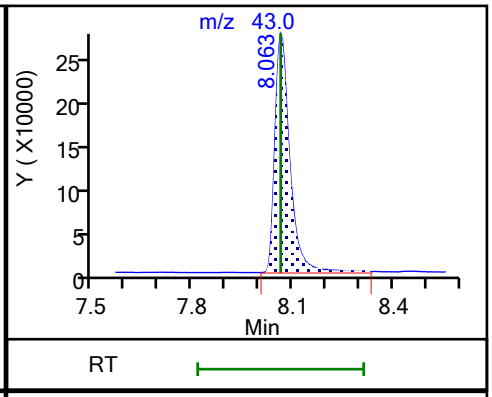
Report Date: 25-Jun-2025 11:51:17 Chrom Revision: 2.3 14-Jun-2025 12:06:34

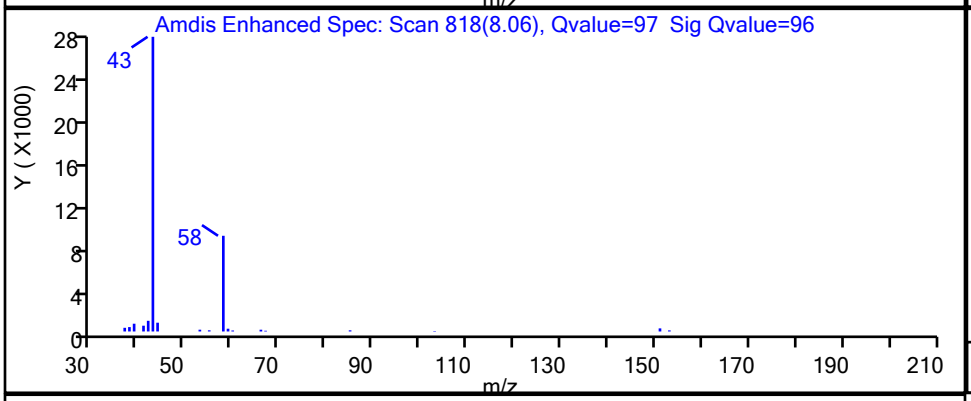
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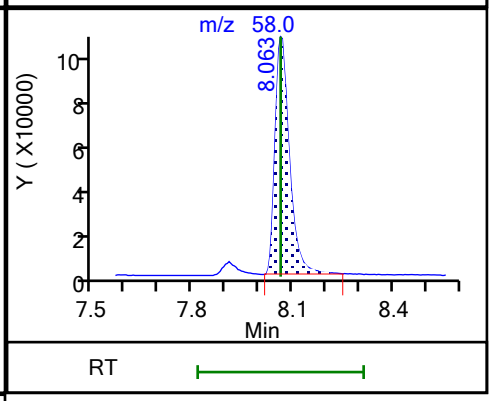
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Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

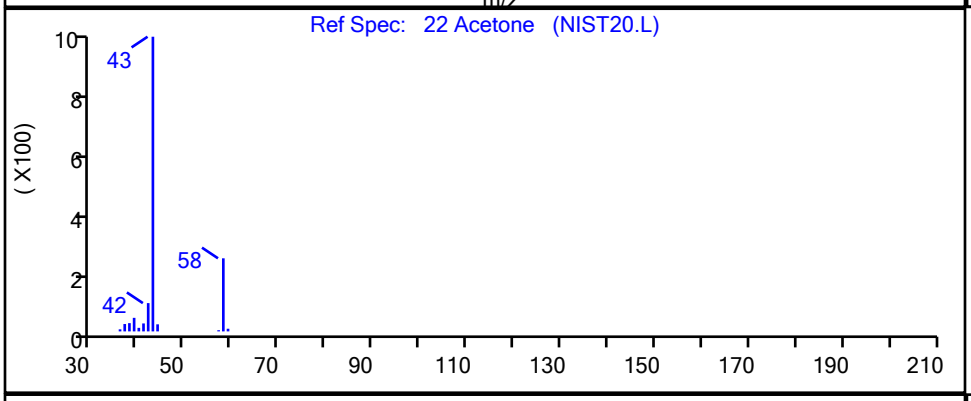
22 Acetone, CAS: 67-64-1

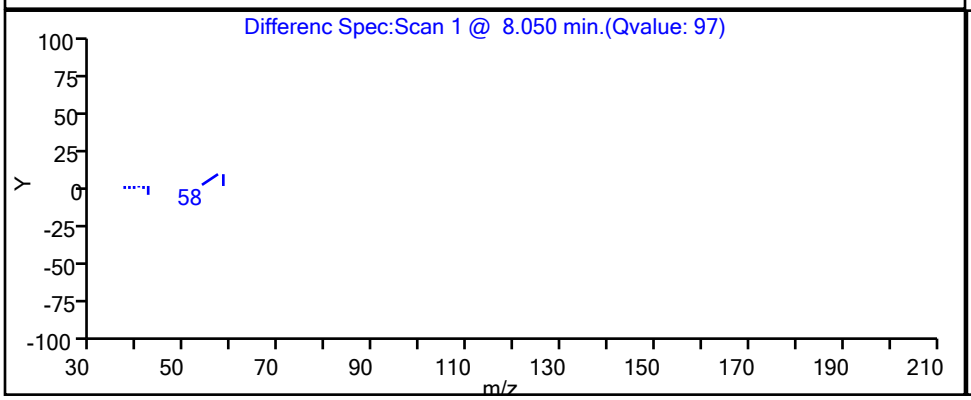


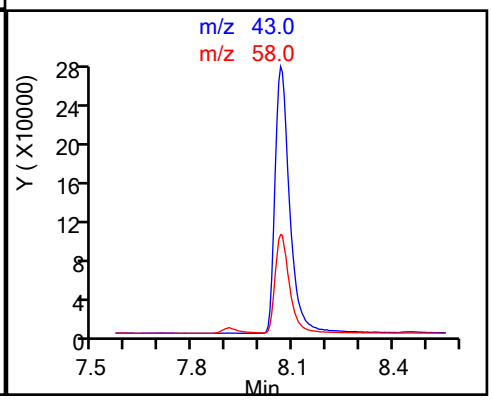












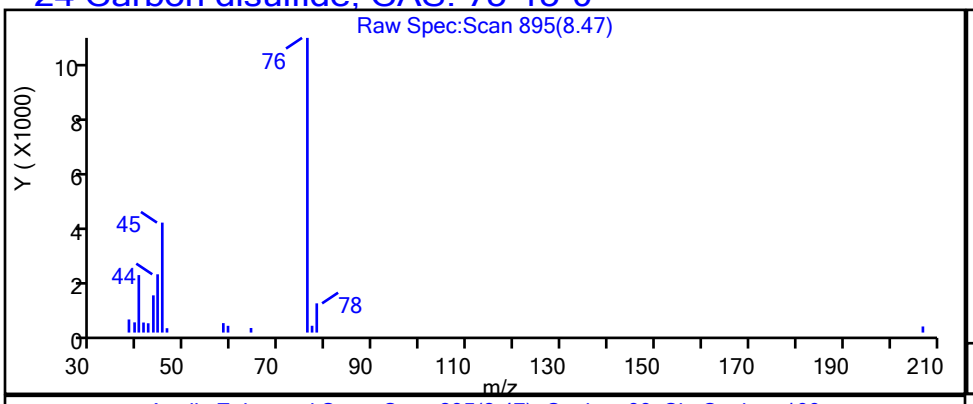
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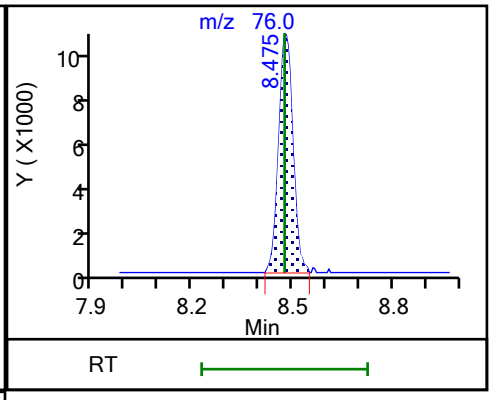
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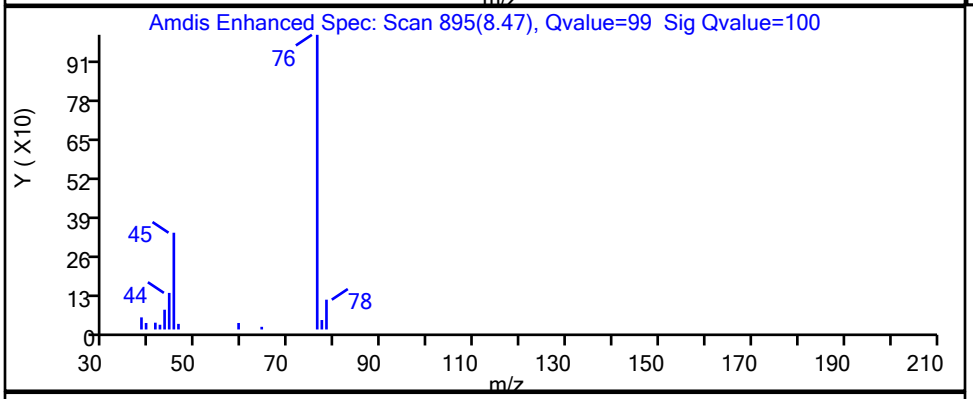
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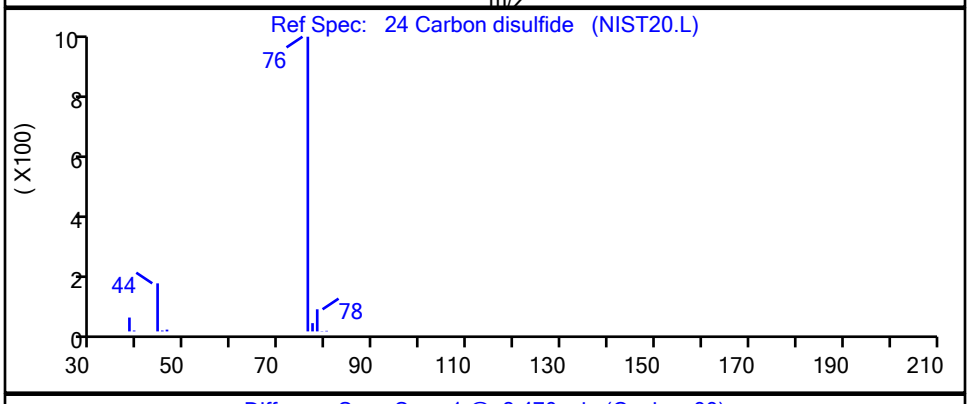
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

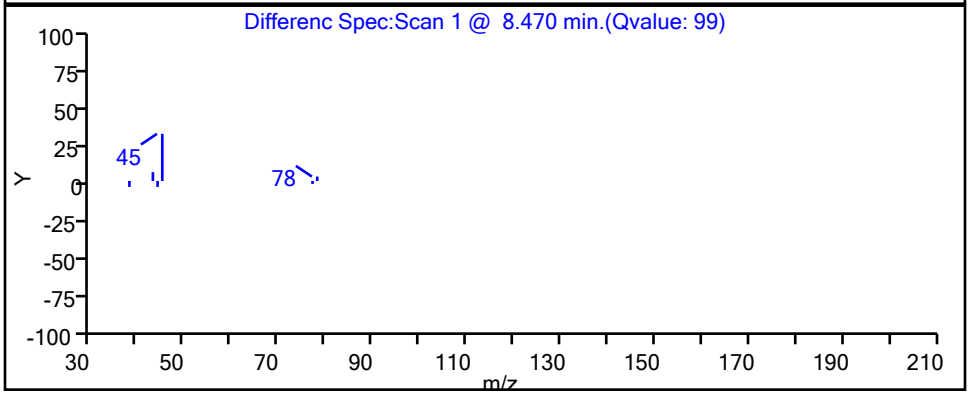
24 Carbon disulfide, CAS: 75-15-0











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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d

Injection Date: 24-Jun-2025 23:34:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-5 Lab Sample ID: 200-78438-5

Client ID: RXSV-09

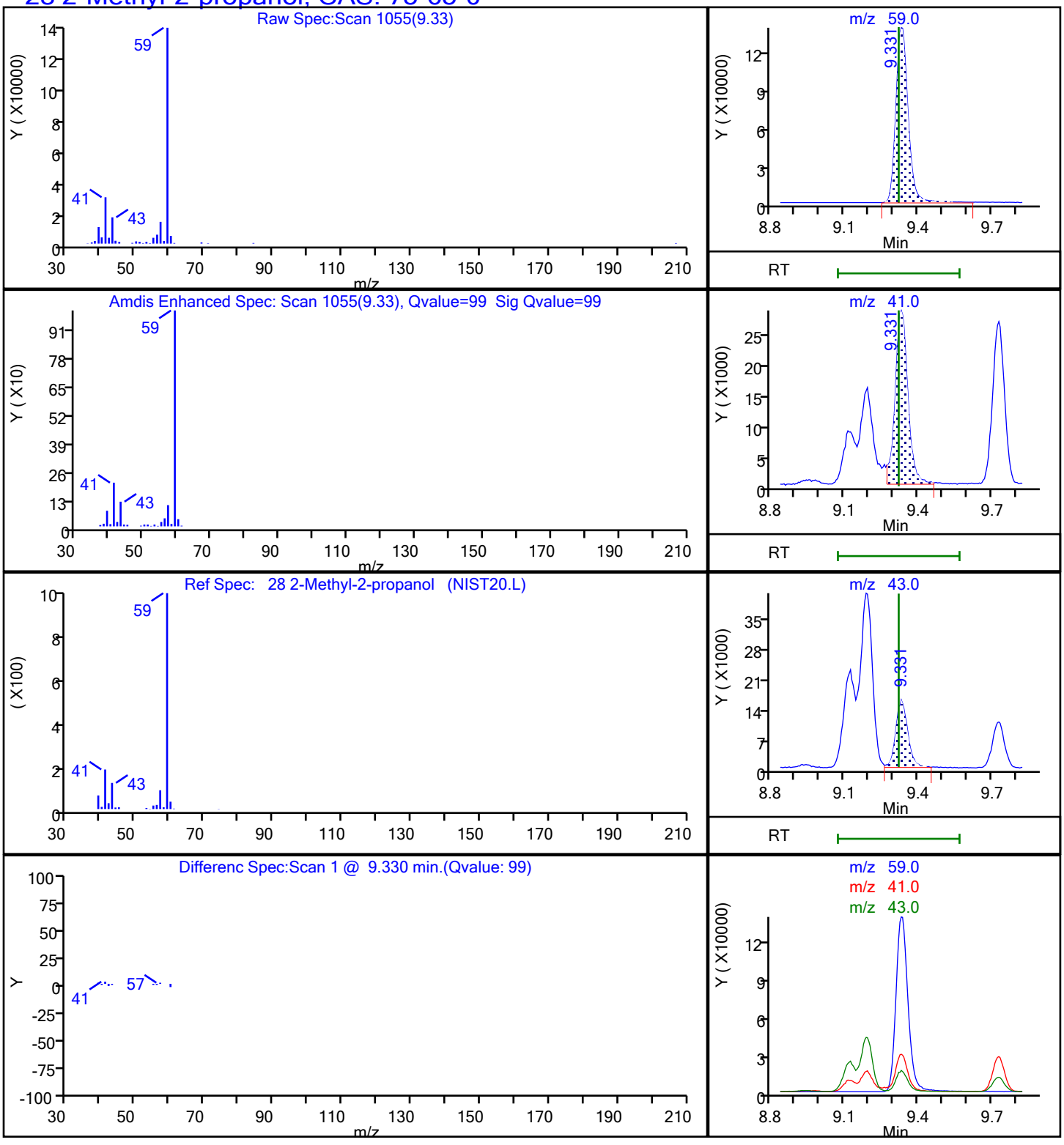
Operator ID: vtp ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 200.000 mL Dil. Factor: 4.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

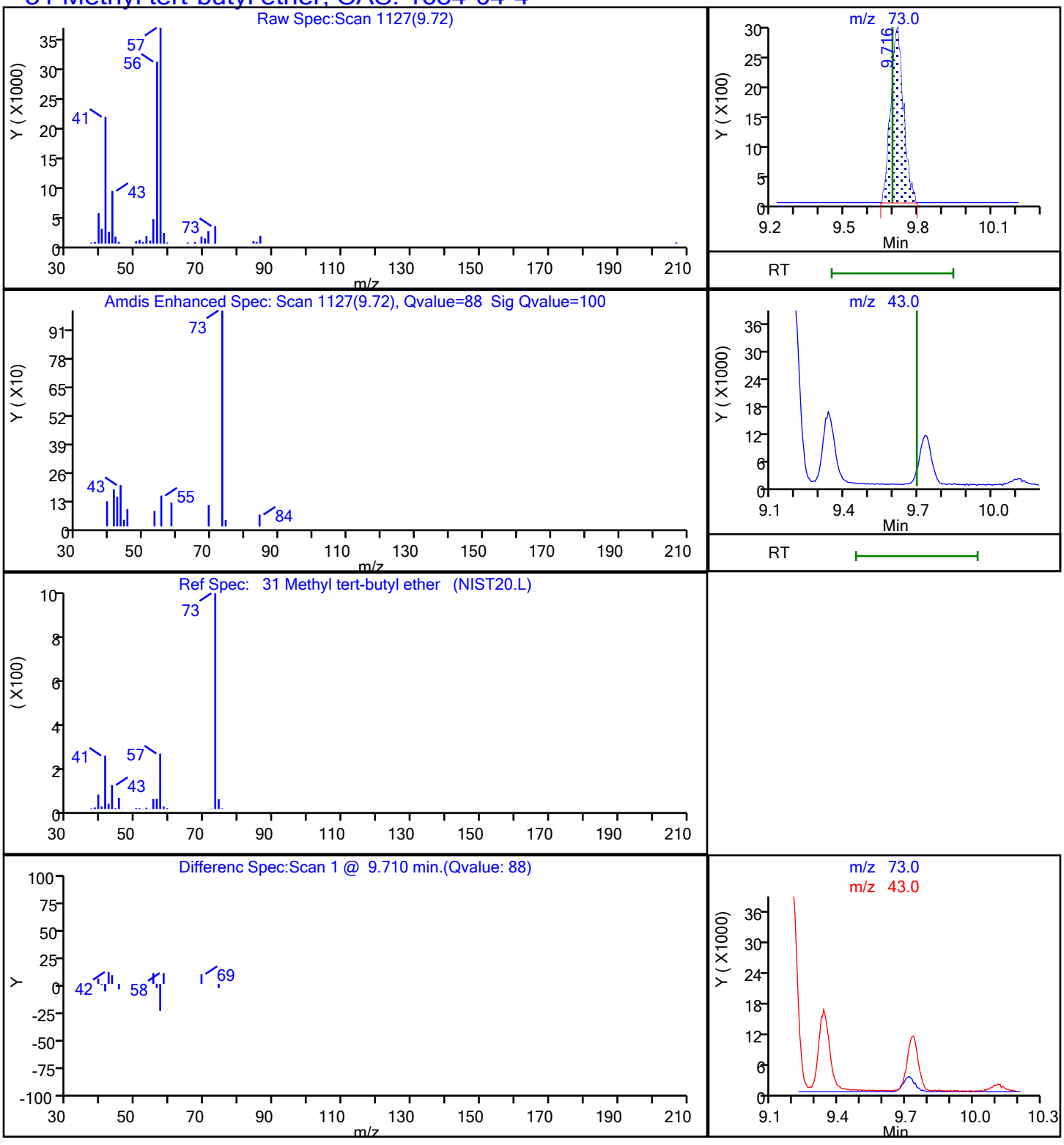


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Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d				
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

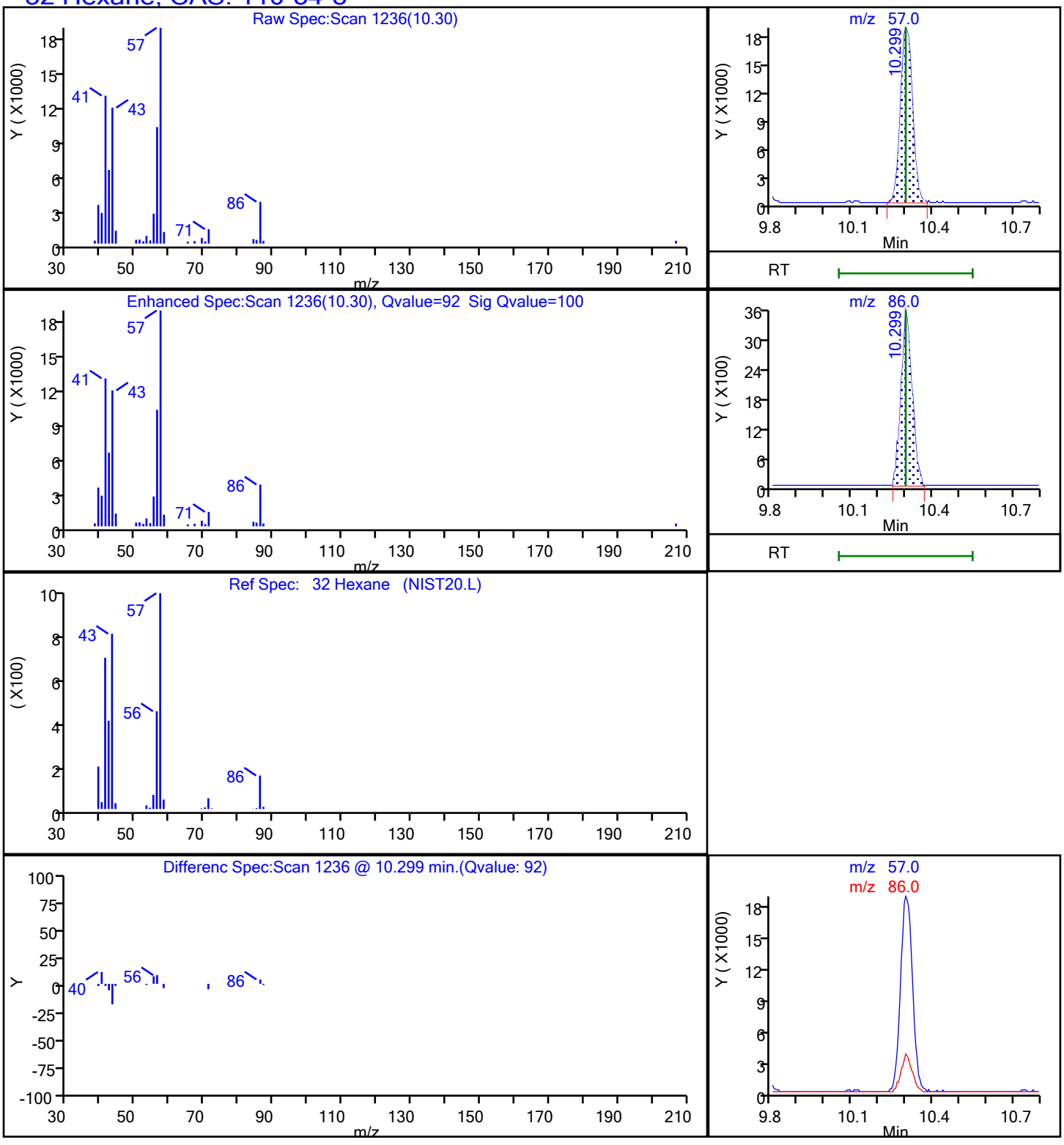


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Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d				
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

32 Hexane, CAS: 110-54-3

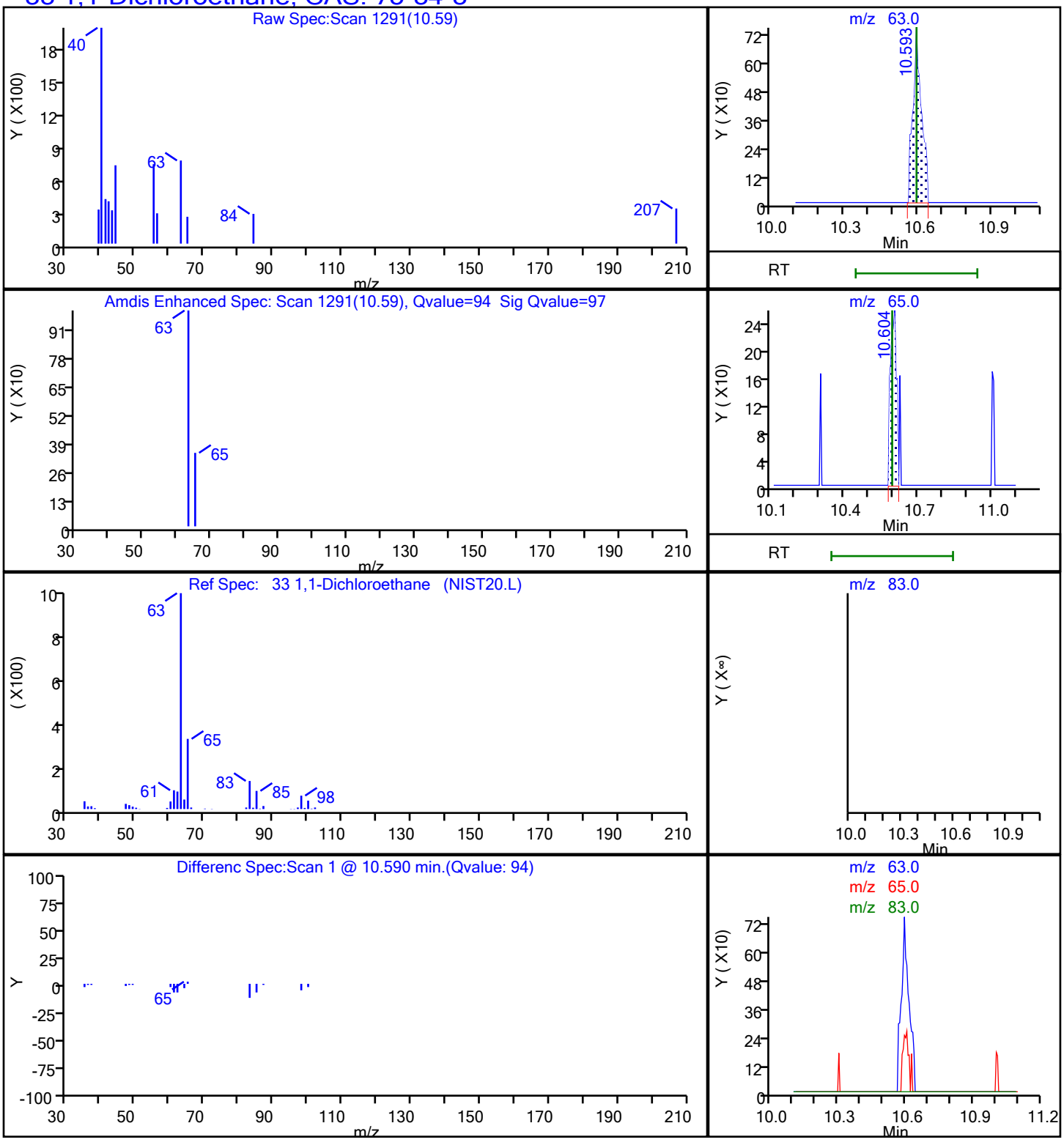


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Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d				
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

33 1,1-Dichloroethane, CAS: 75-34-3

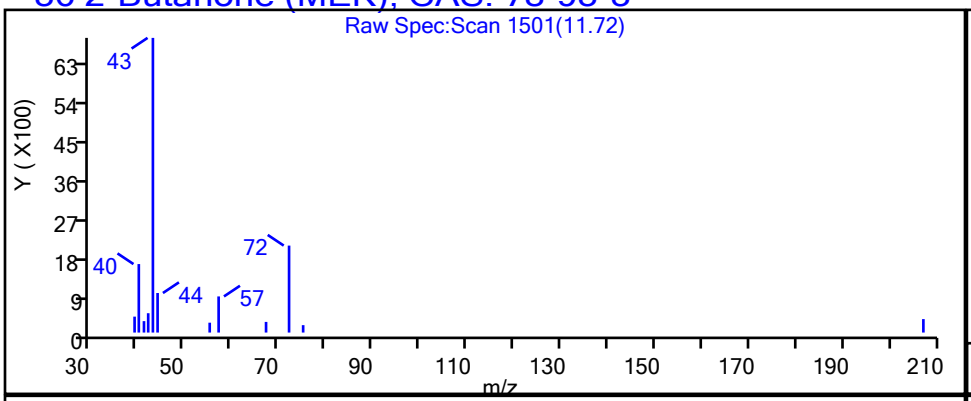


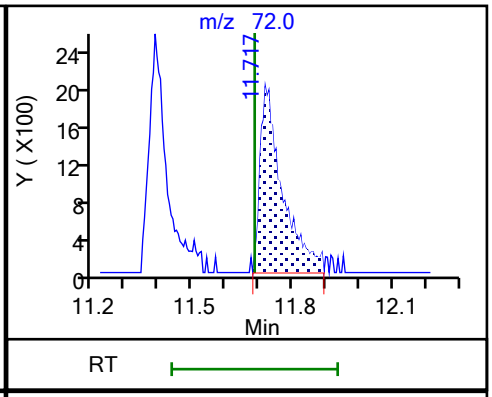
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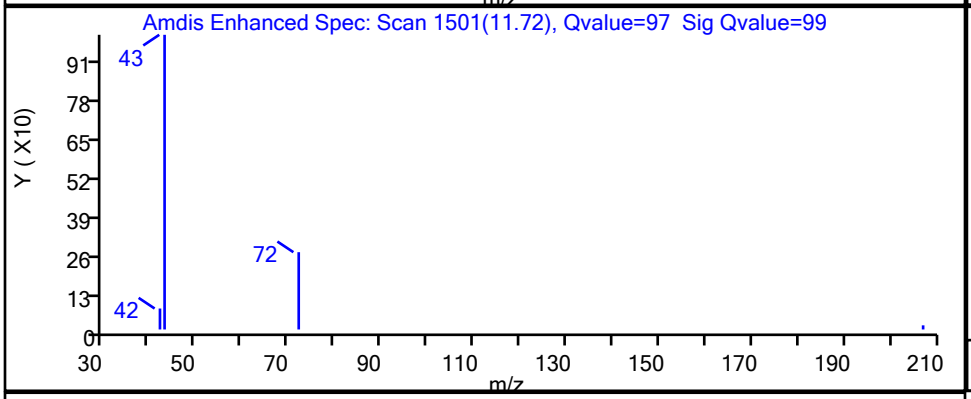
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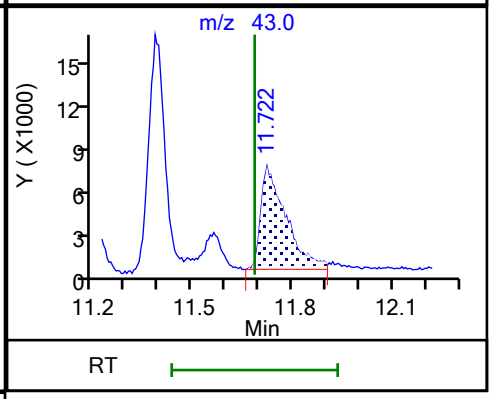
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d				
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

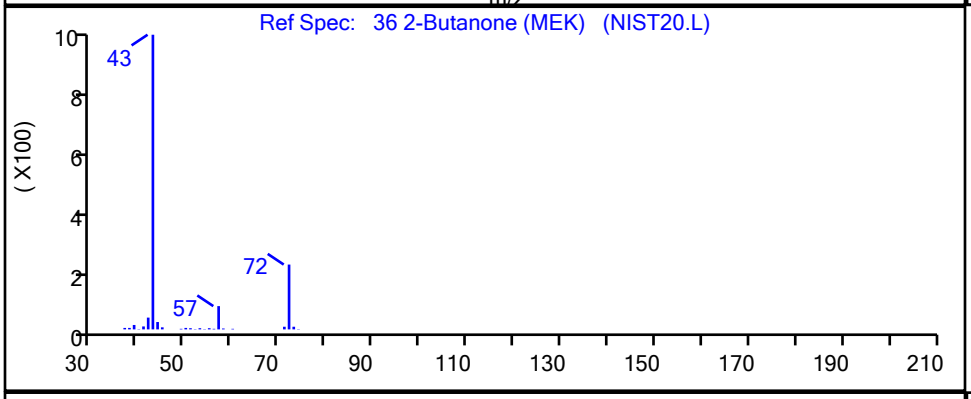
36 2-Butanone (MEK), CAS: 78-93-3

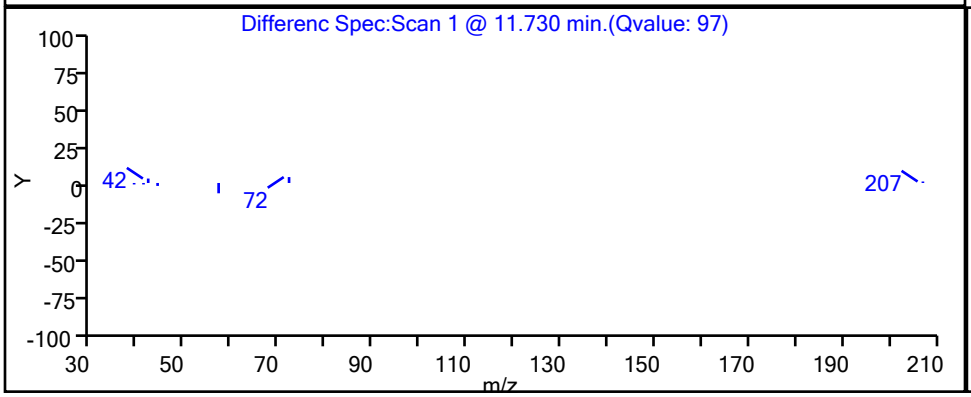


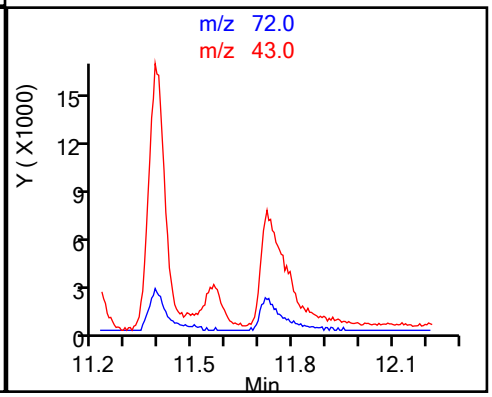












Report Date: 25-Jun-2025 11:51:17 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d

Injection Date: 24-Jun-2025 23:34:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-5 Lab Sample ID: 200-78438-5

Client ID: RXSV-09

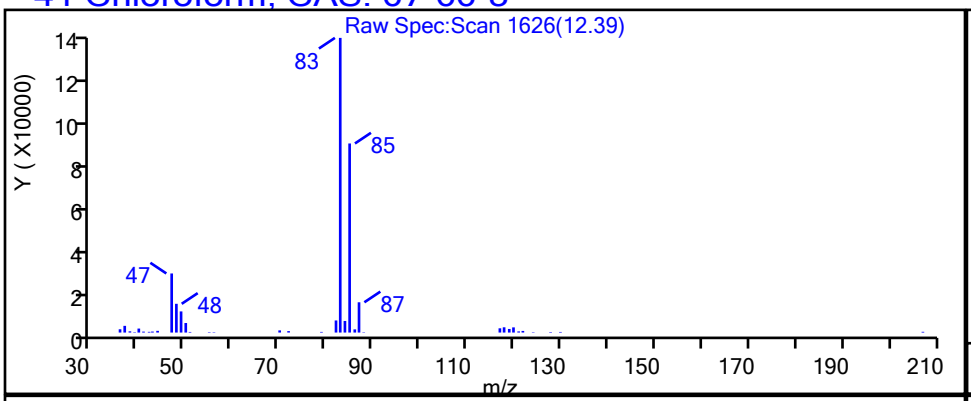
Operator ID: vtp ALS Bottle#: 15 Worklist Smp#: 16

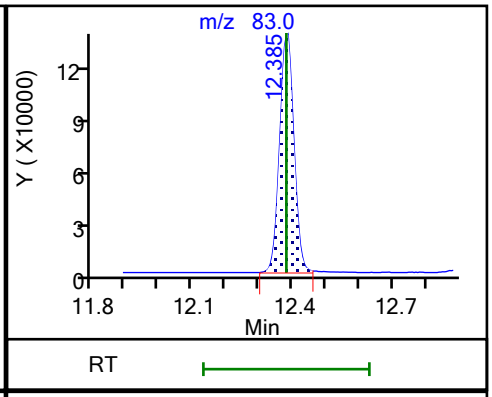
Purge Vol: 200.000 mL Dil. Factor: 4.0000

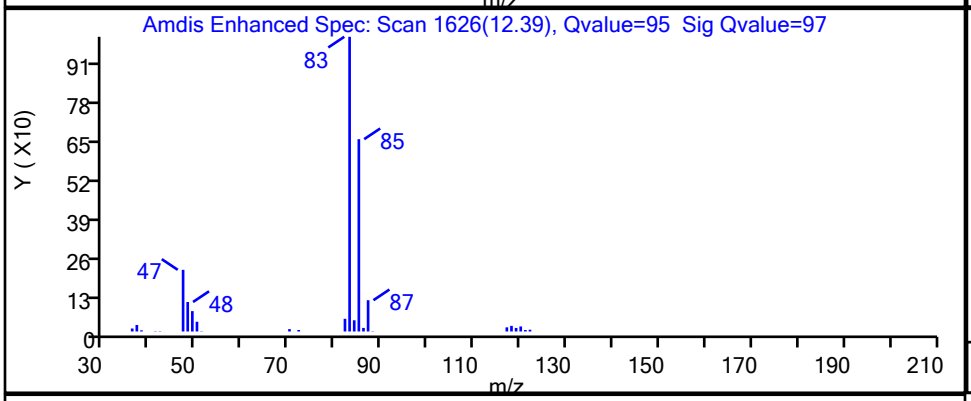
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

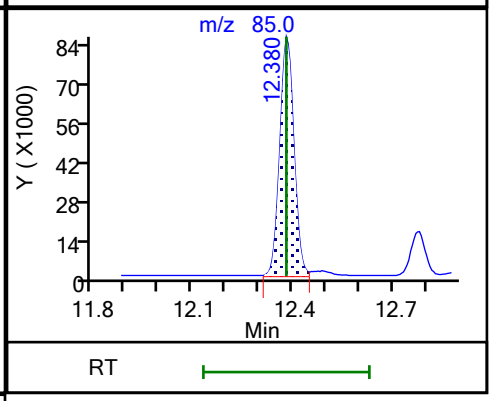
Column: RTX-624 (0.32 mm) Detector MS SCAN

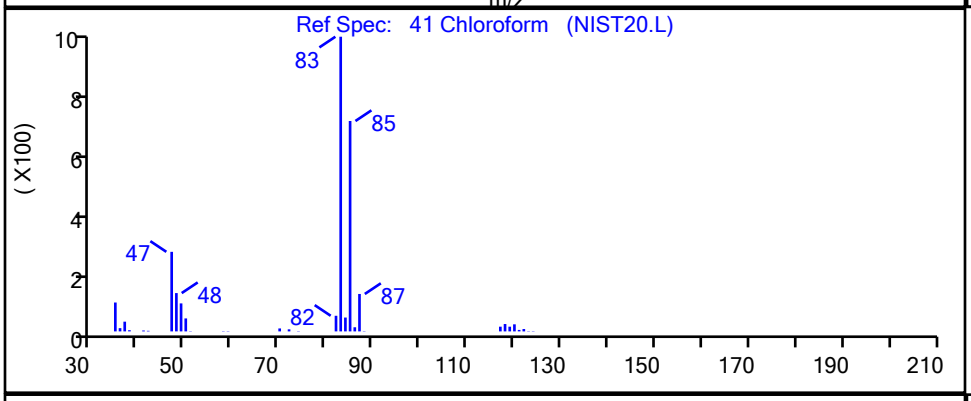
41 Chloroform, CAS: 67-66-3

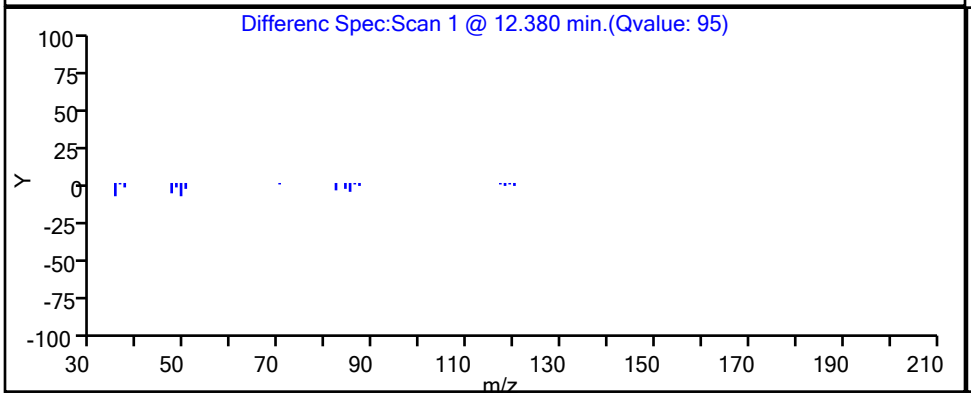


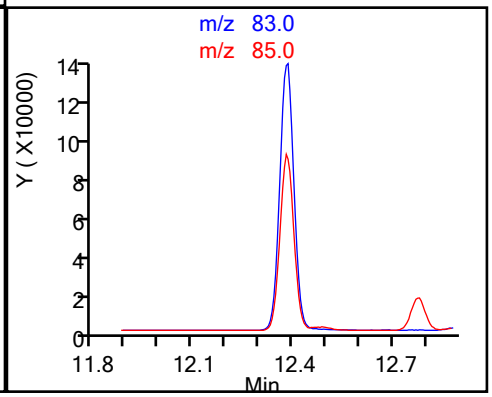












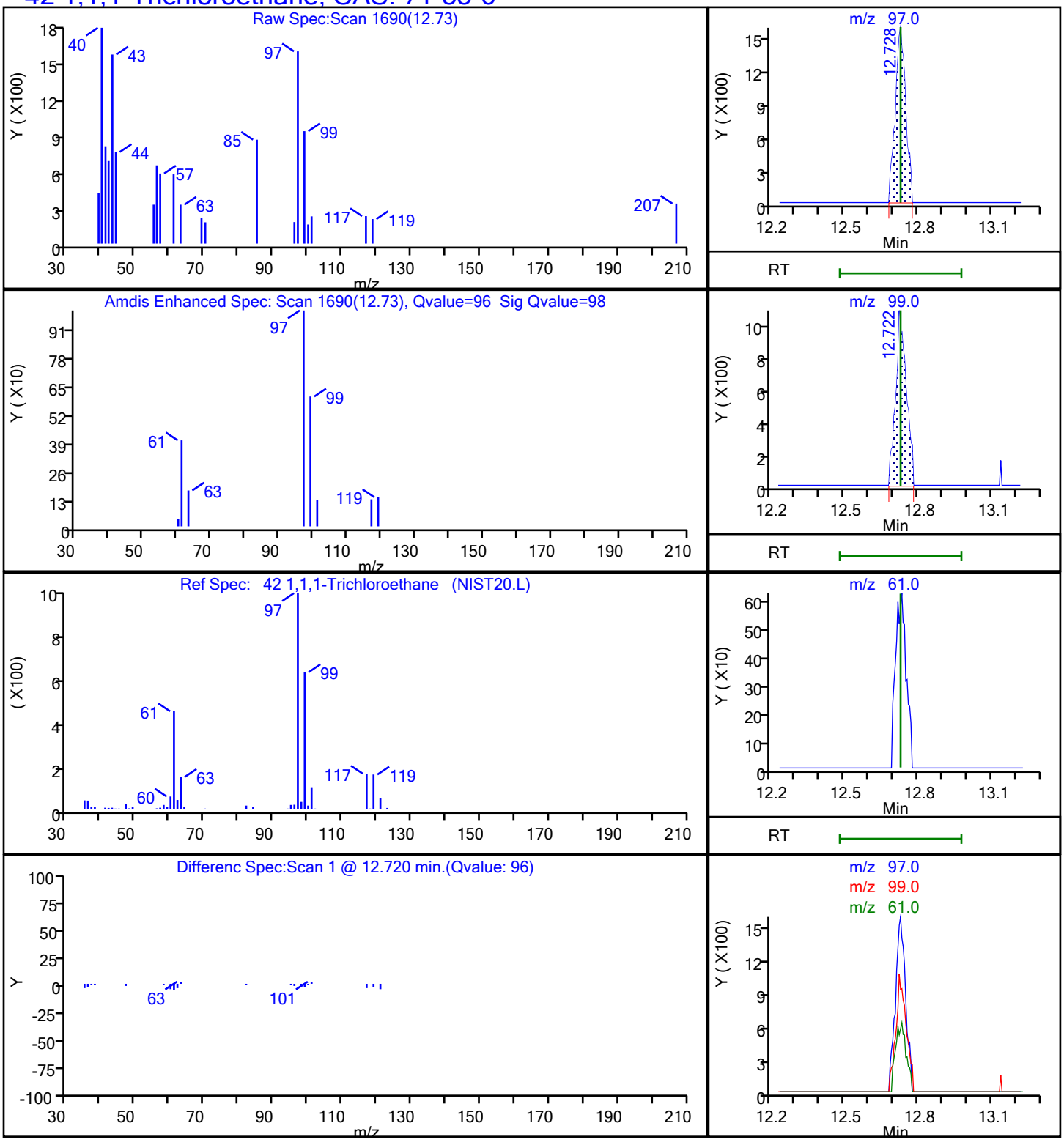
Report Date: 25-Jun-2025 11:51:17 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d

Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

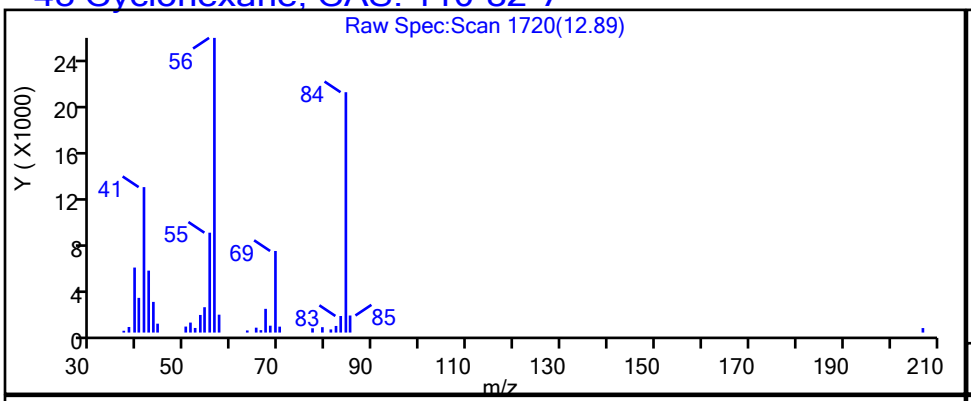


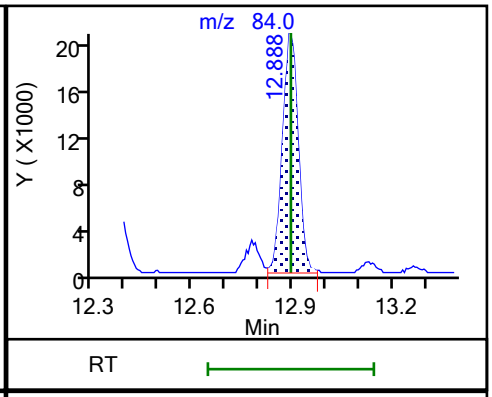
Report Date: 25-Jun-2025 11:51:17 Chrom Revision: 2.3 14-Jun-2025 12:06:34

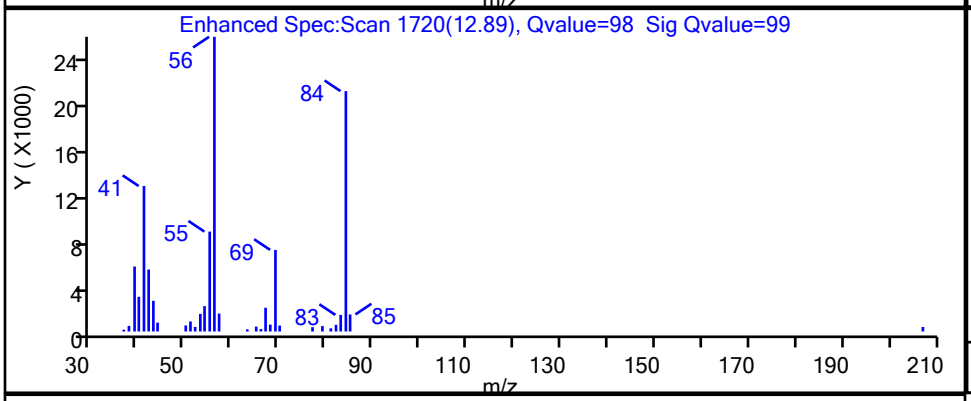
Eurofins Burlington

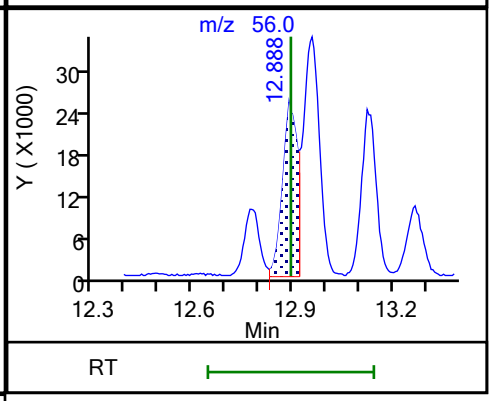
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d				
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

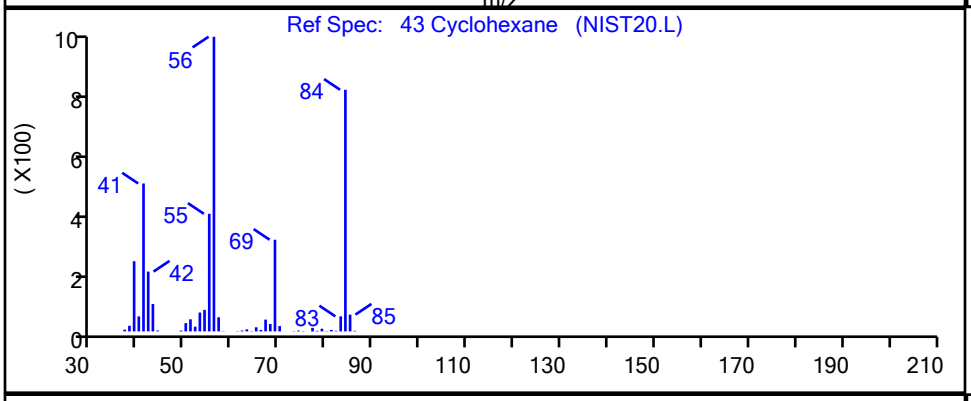
43 Cyclohexane, CAS: 110-82-7

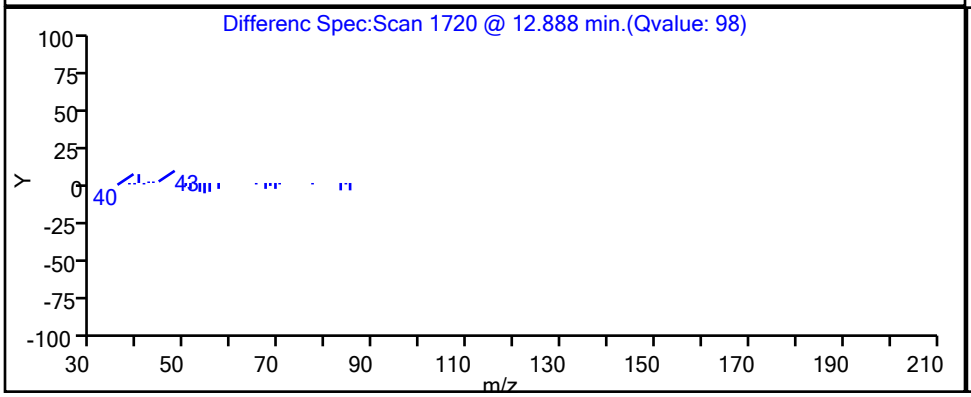


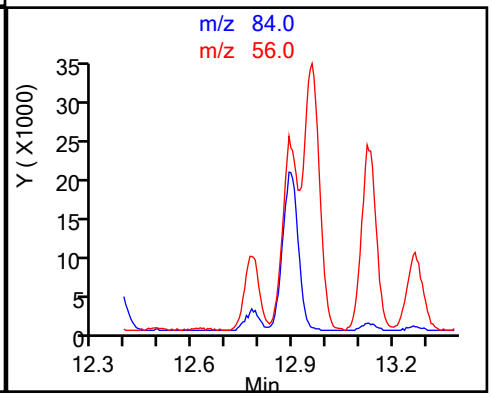












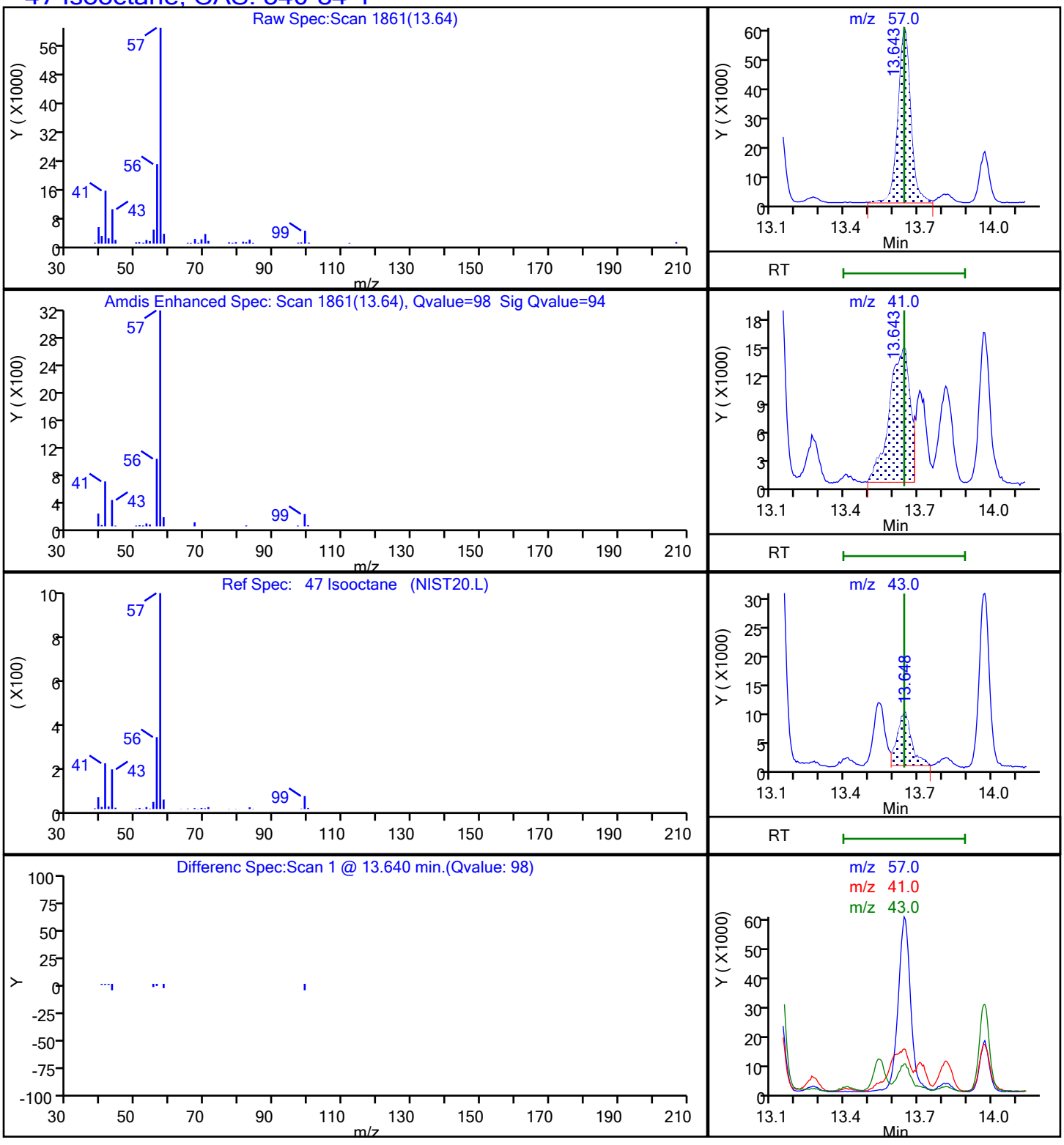
Report Date: 25-Jun-2025 11:51:17 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d

Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Isooctane, CAS: 540-84-1



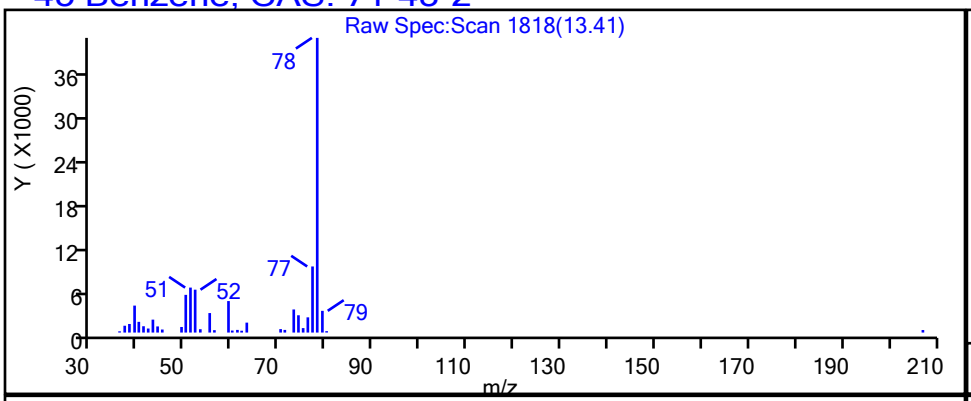
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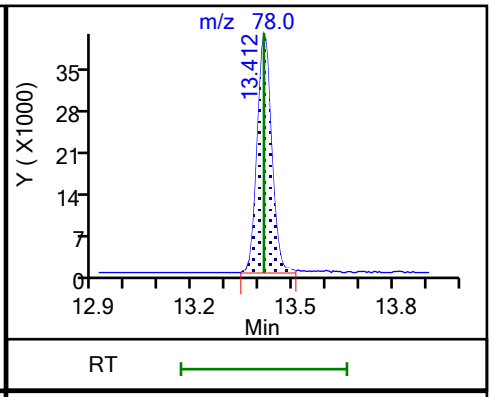
Eurofins Burlington

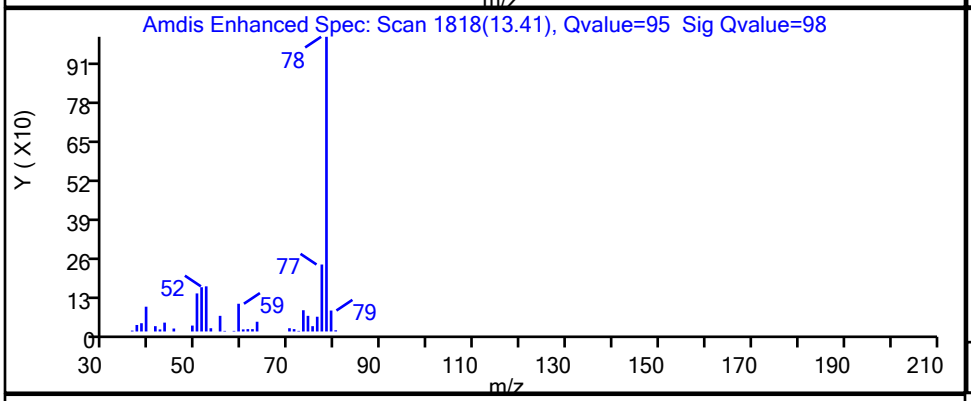
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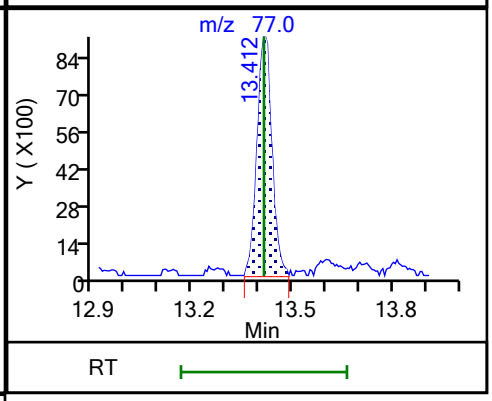
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

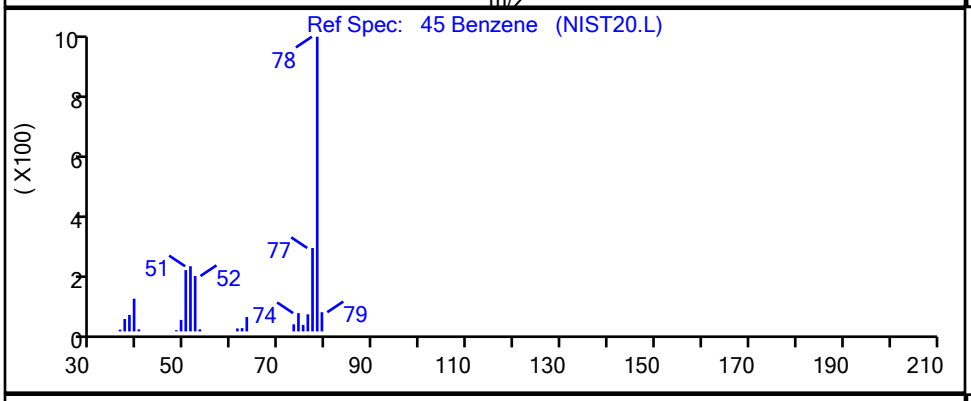
45 Benzene, CAS: 71-43-2

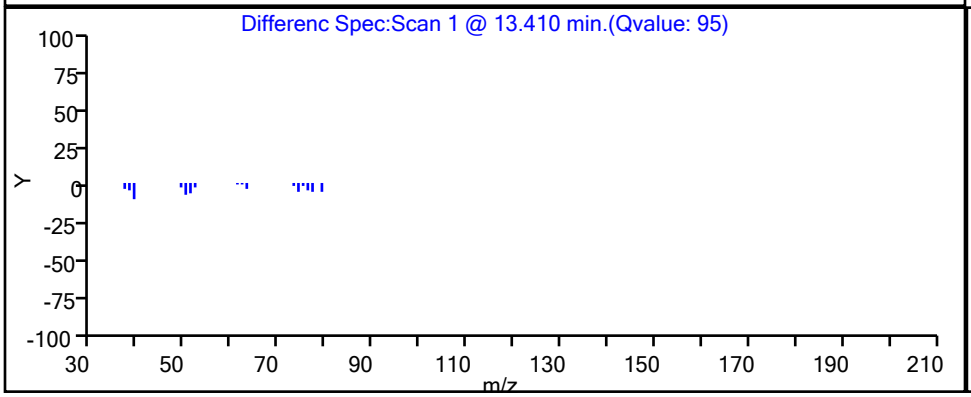


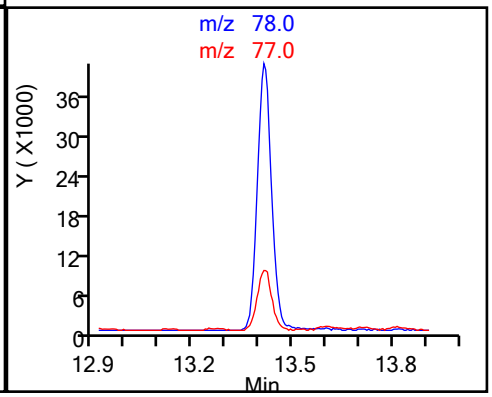












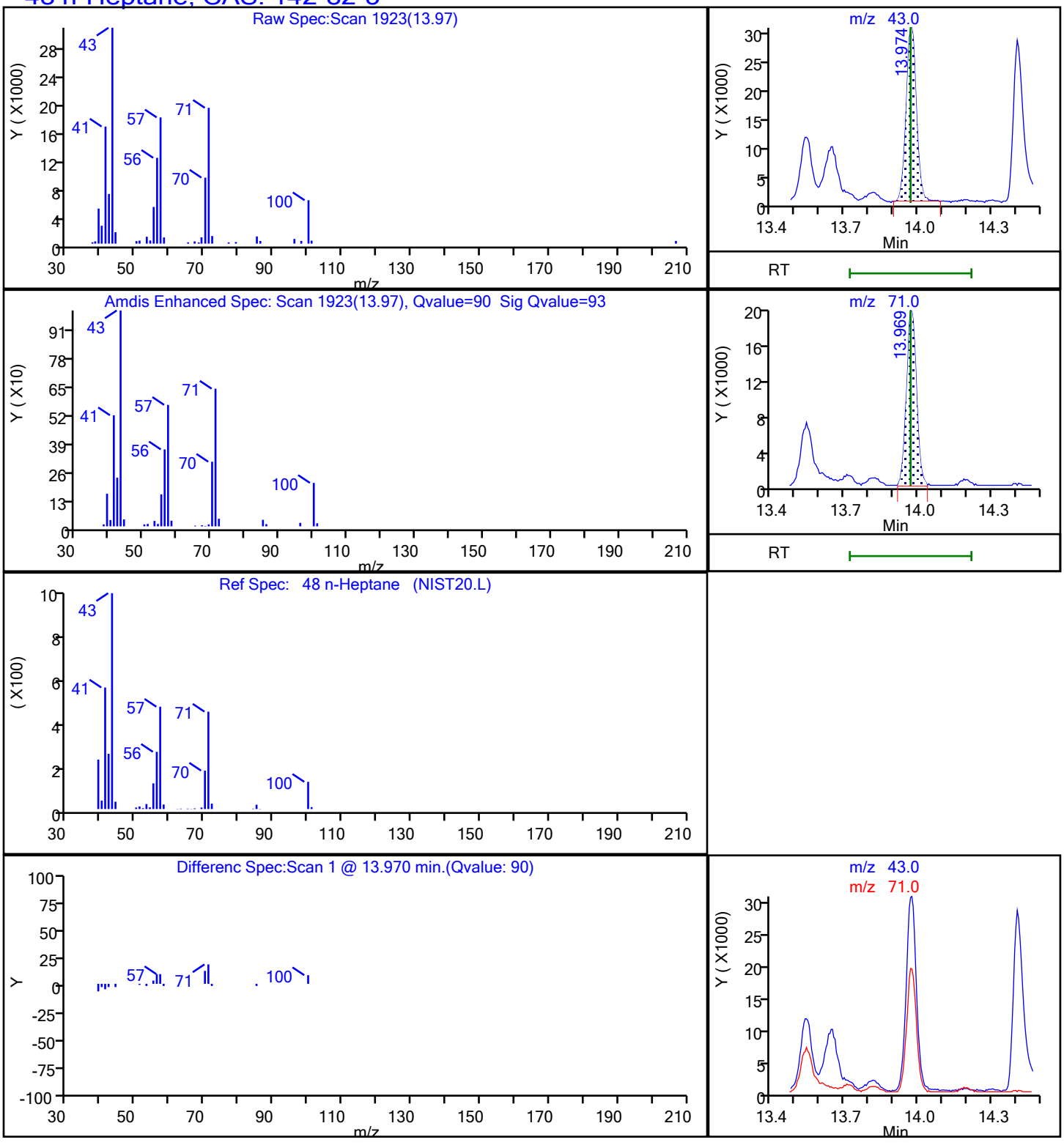
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d

Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



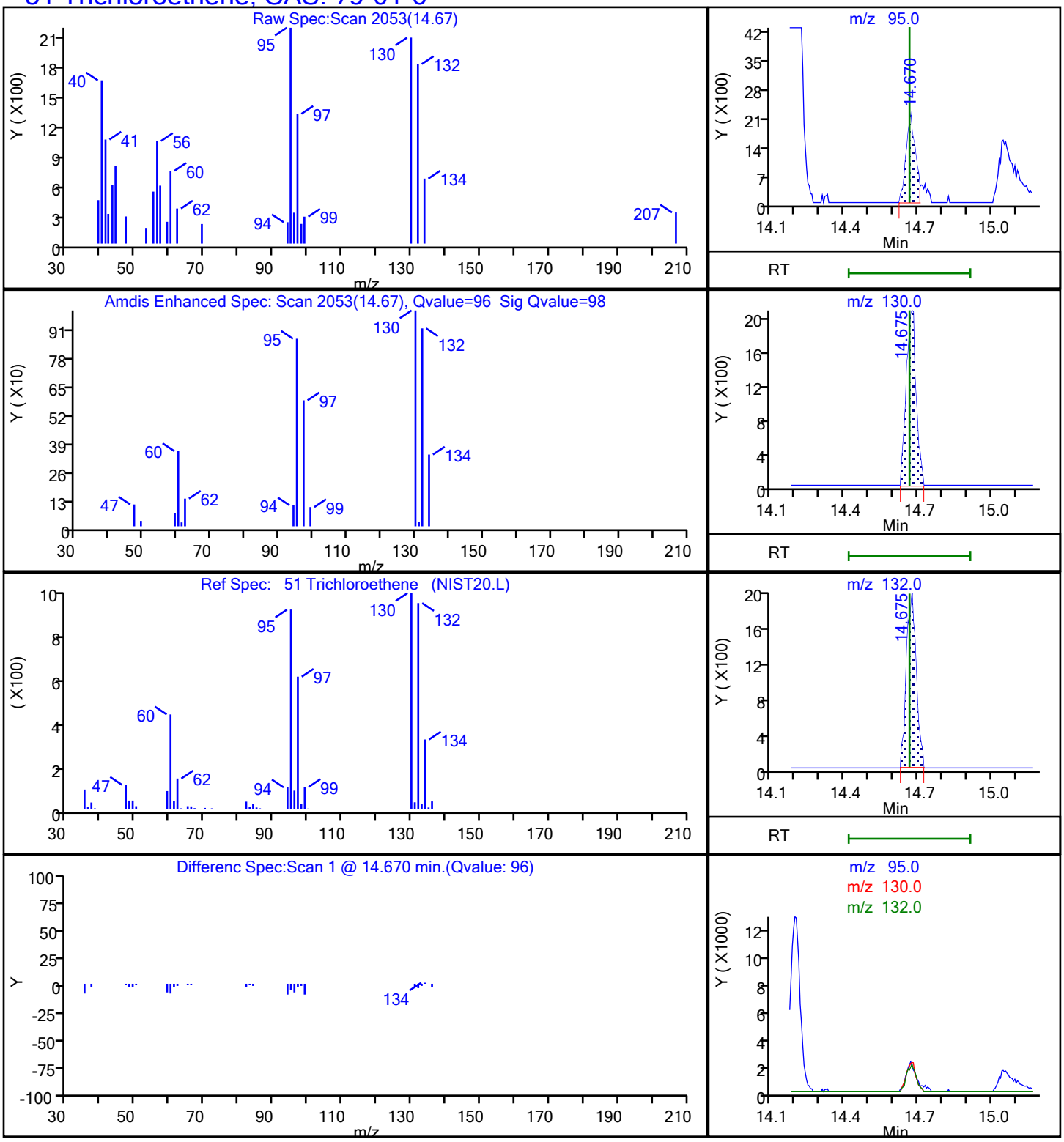
Report Date: 25-Jun-2025 11:51:17 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d

Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

51 Trichloroethene, CAS: 79-01-6



Report Date: 25-Jun-2025 11:51:17 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d

Injection Date: 24-Jun-2025 23:34:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-5 Lab Sample ID: 200-78438-5

Client ID: RXSV-09

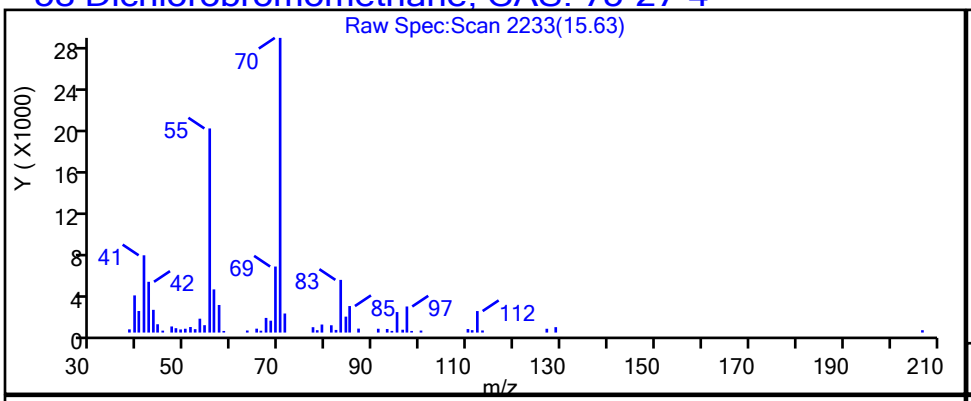
Operator ID: vtp ALS Bottle#: 15 Worklist Smp#: 16

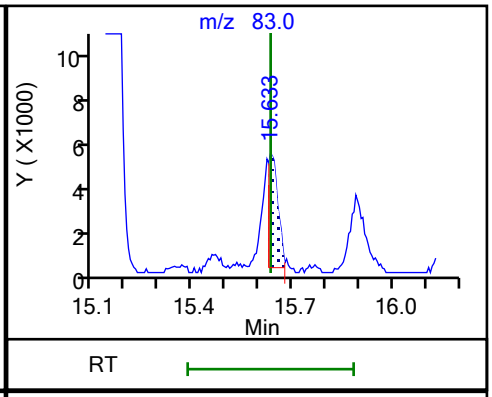
Purge Vol: 200.000 mL Dil. Factor: 4.0000

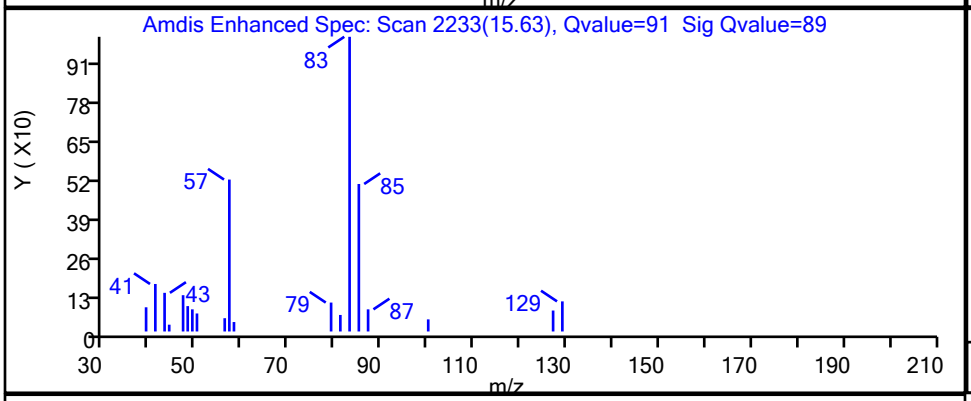
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

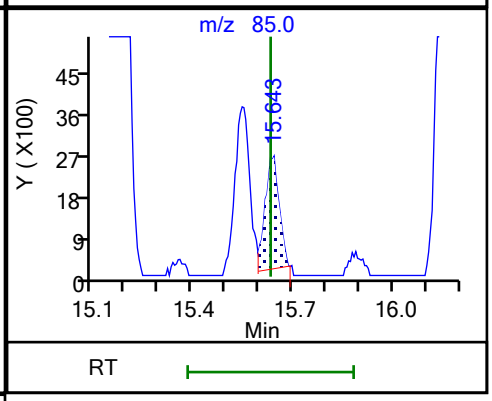
Column: RTX-624 (0.32 mm) Detector MS SCAN

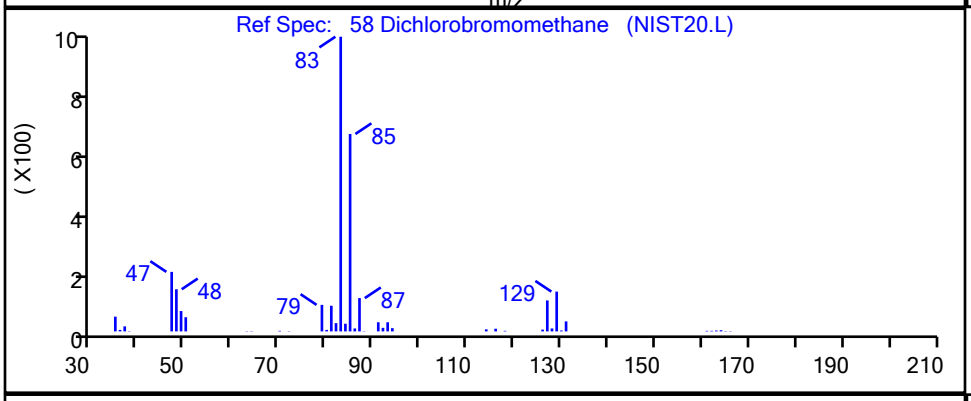
58 Dichlorobromomethane, CAS: 75-27-4

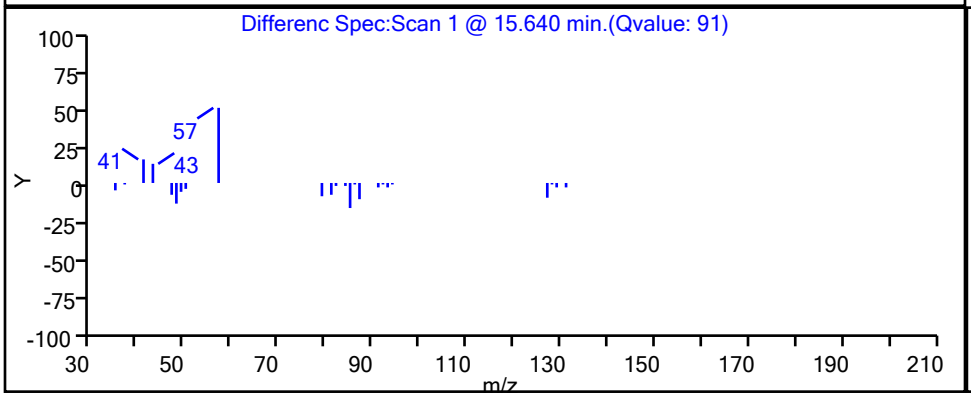


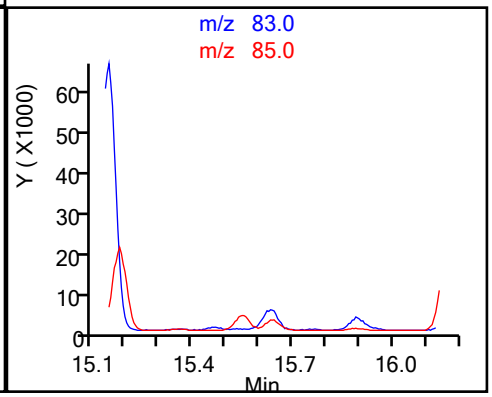












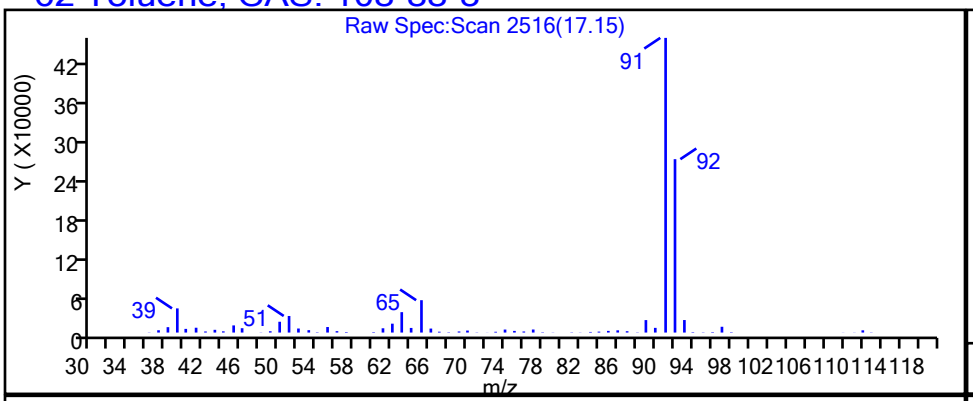
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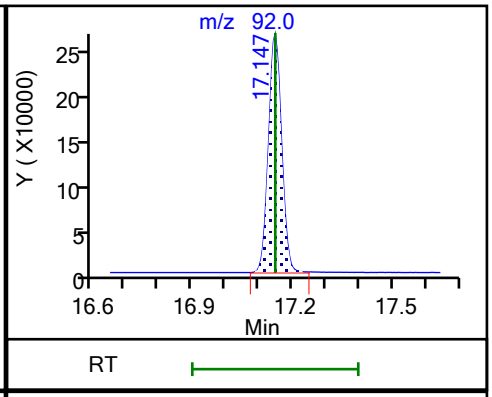
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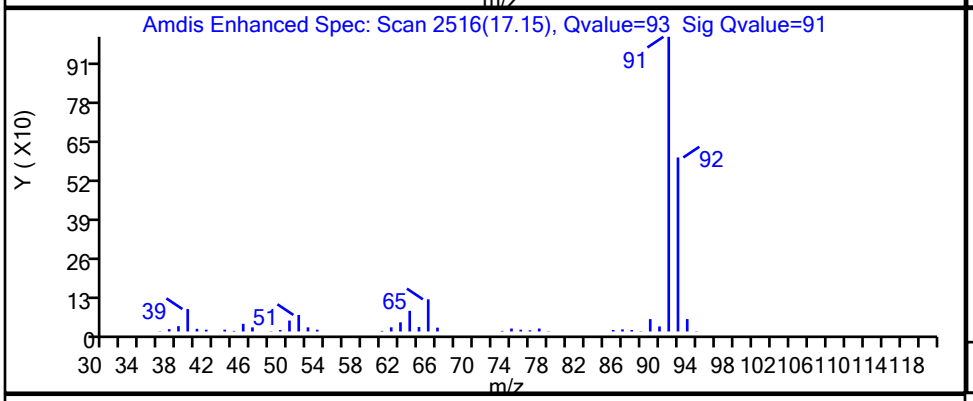
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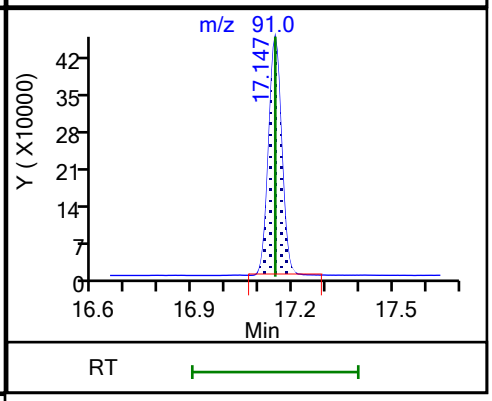
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

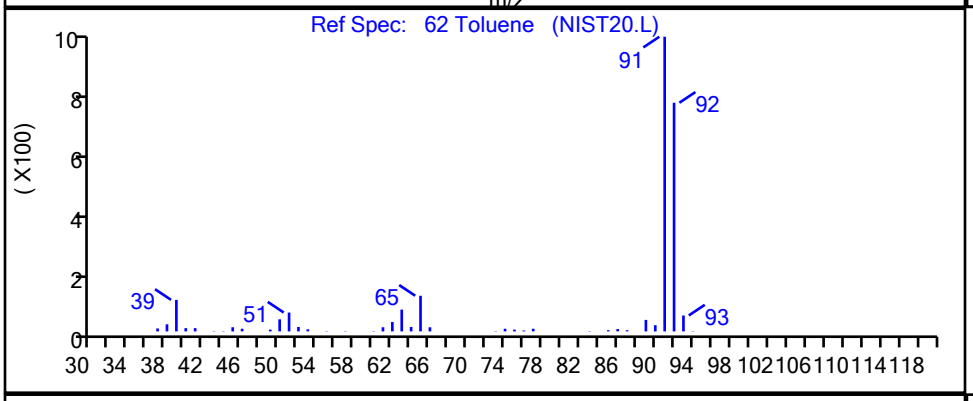
62 Toluene, CAS: 108-88-3

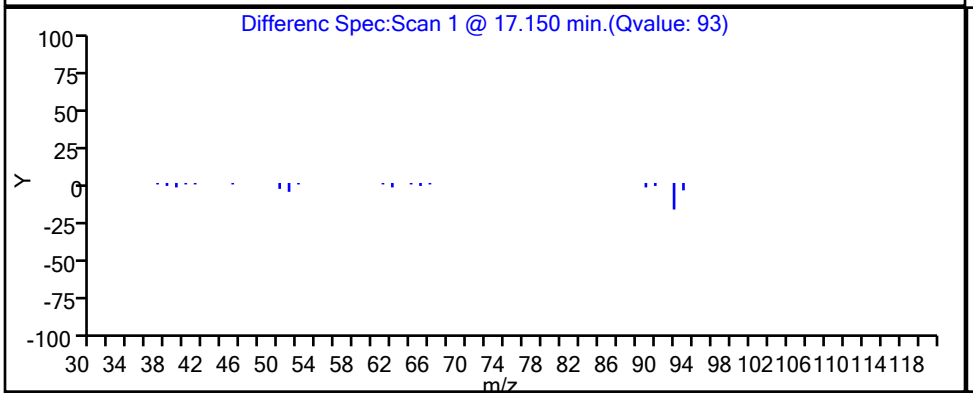


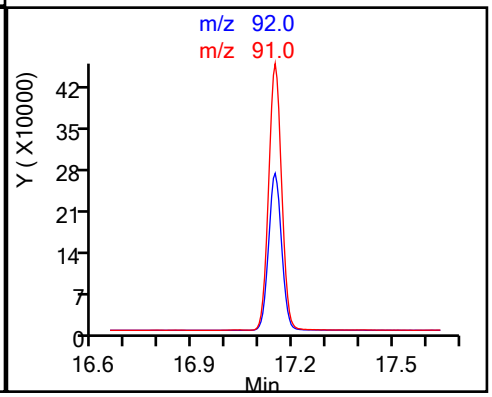












Report Date: 25-Jun-2025 11:51:17 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d

Injection Date: 24-Jun-2025 23:34:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-5 Lab Sample ID: 200-78438-5

Client ID: RXSV-09

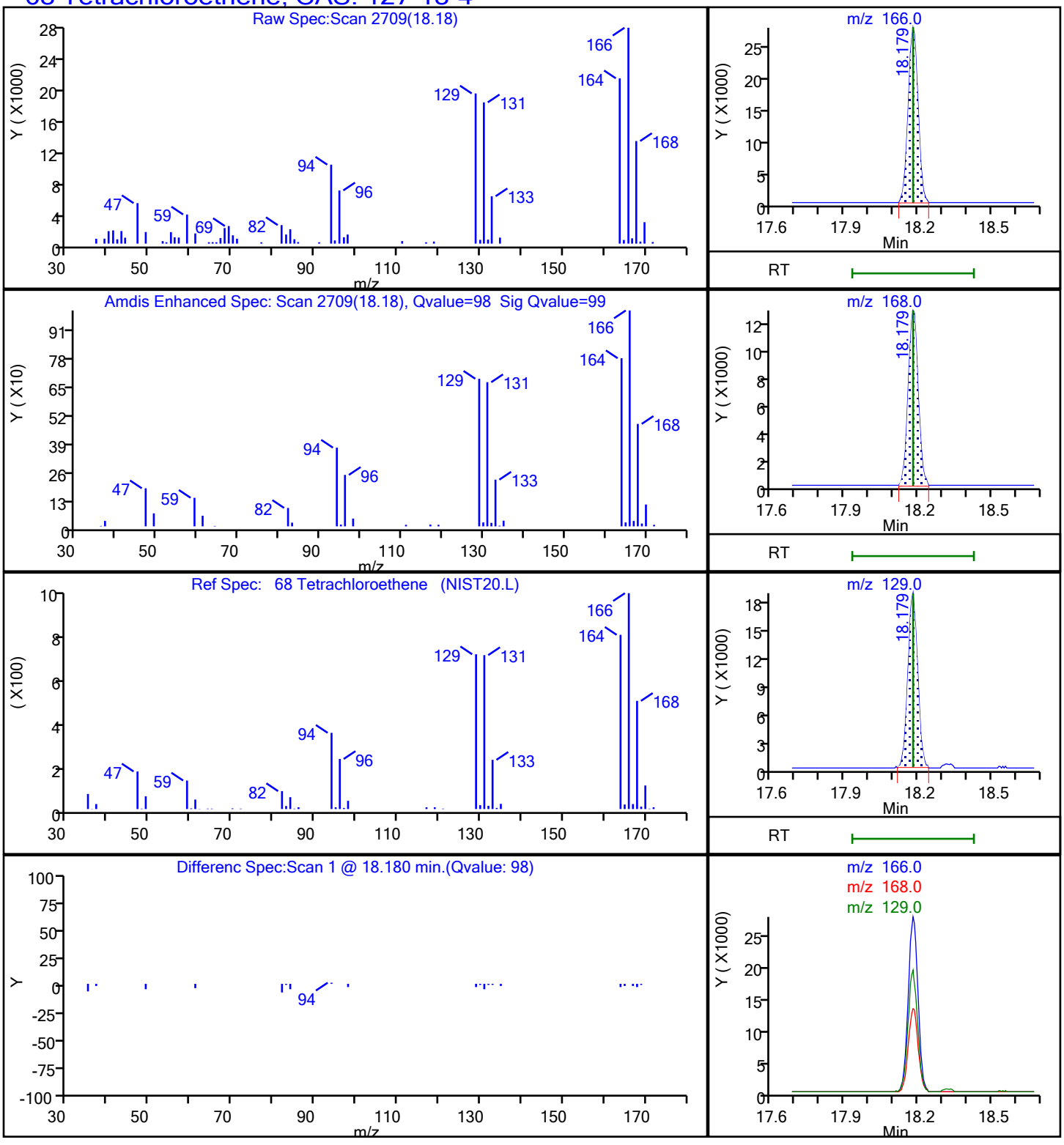
Operator ID: vtp ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 200.000 mL Dil. Factor: 4.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

68 Tetrachloroethene, CAS: 127-18-4



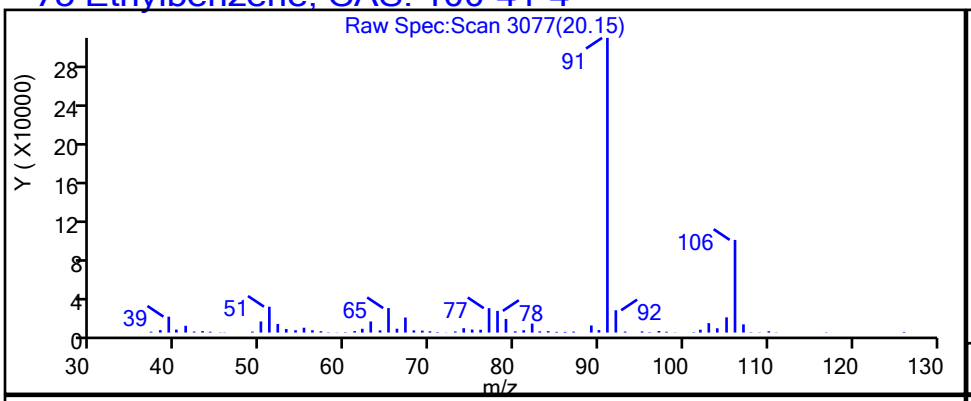
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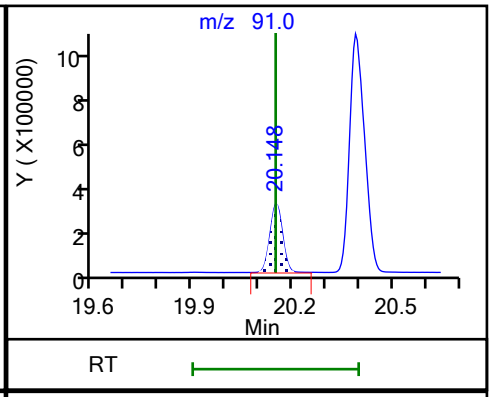
Eurofins Burlington

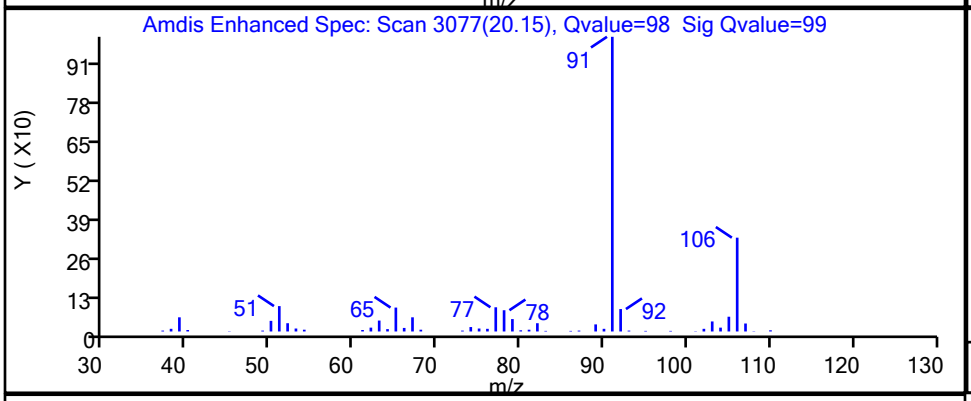
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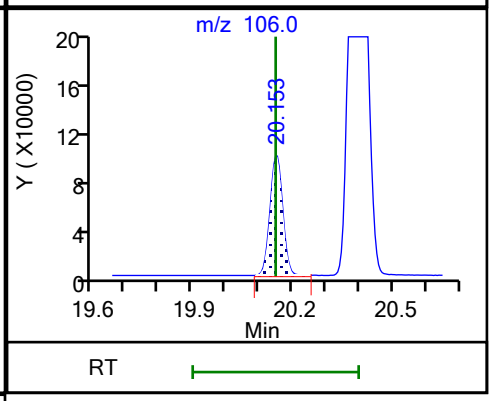
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

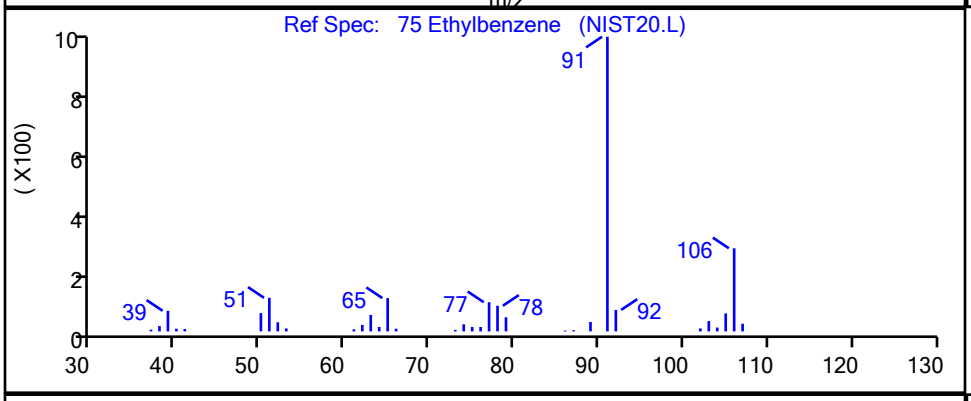
75 Ethylbenzene, CAS: 100-41-4

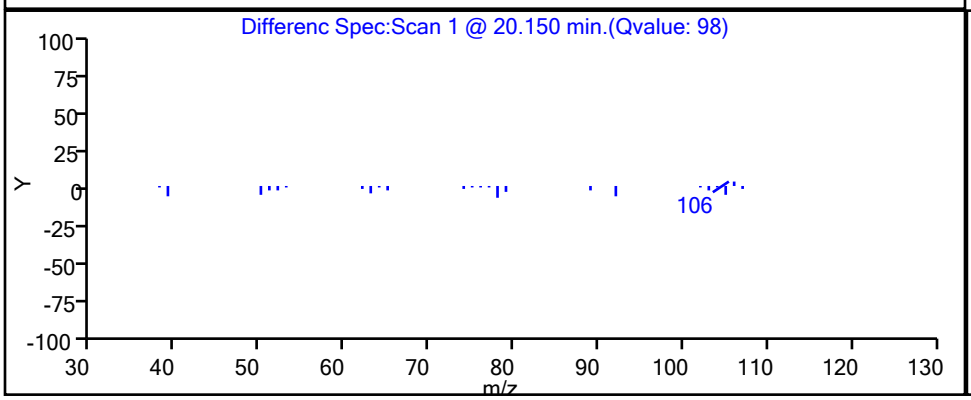


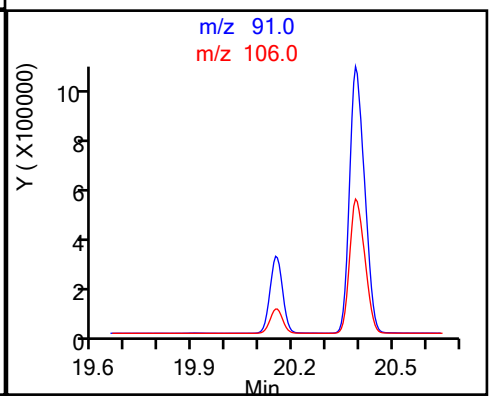










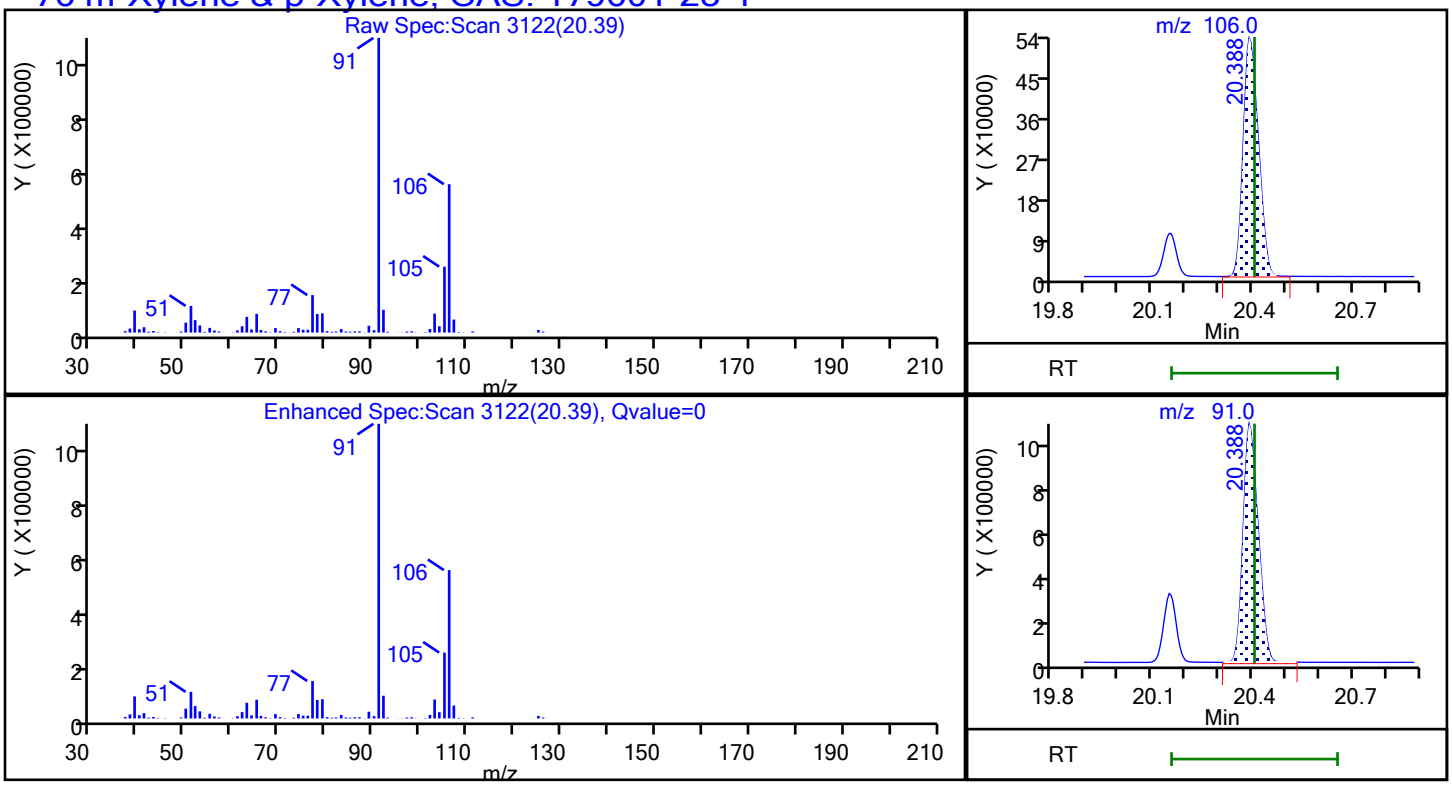


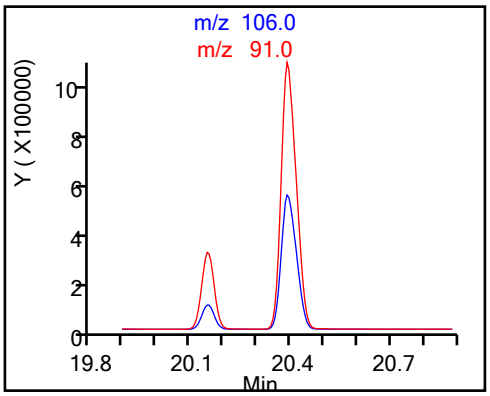
Report Date: 25-Jun-2025 11:51:17 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d				
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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





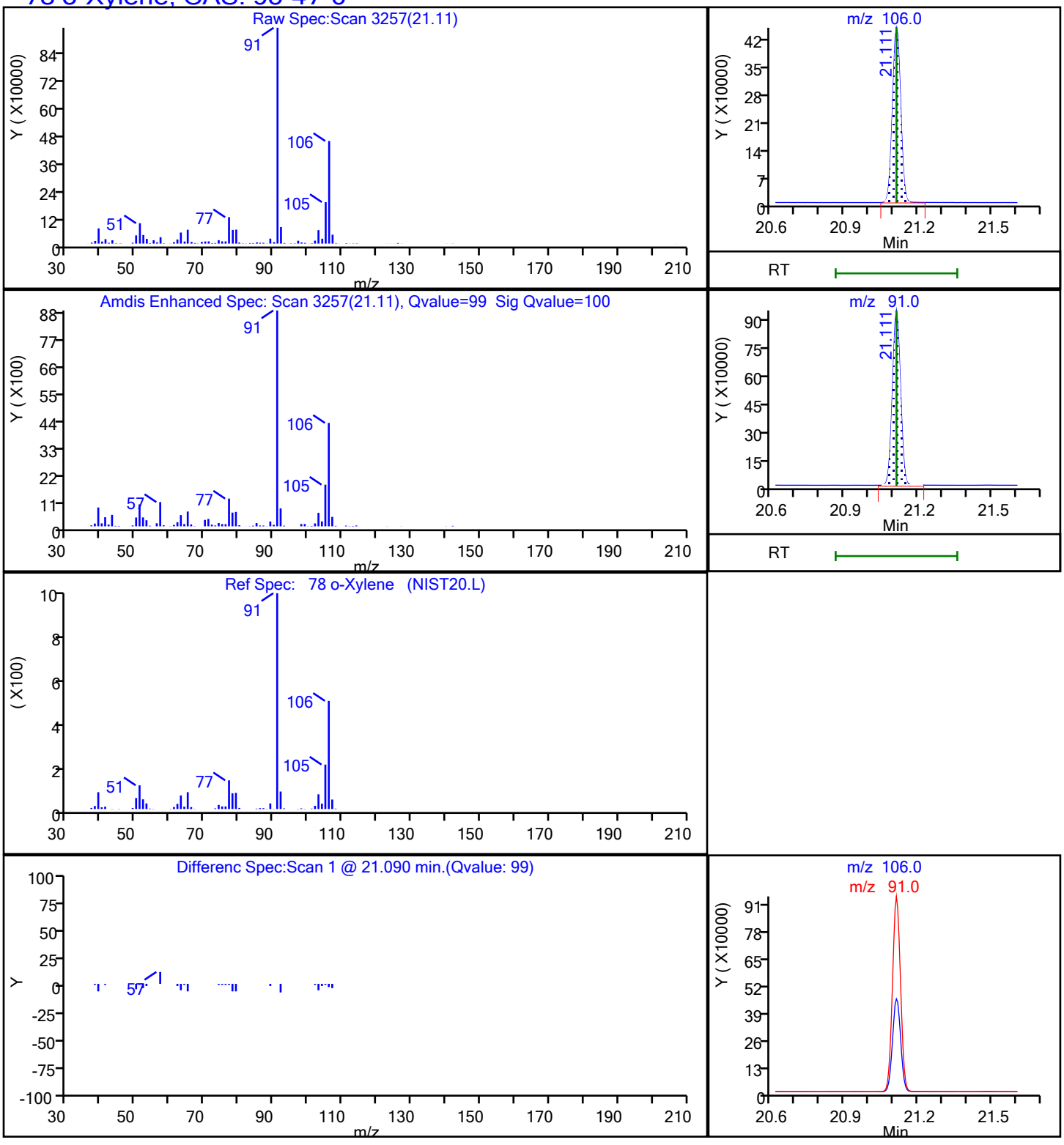
Report Date: 25-Jun-2025 11:51:17 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d

Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



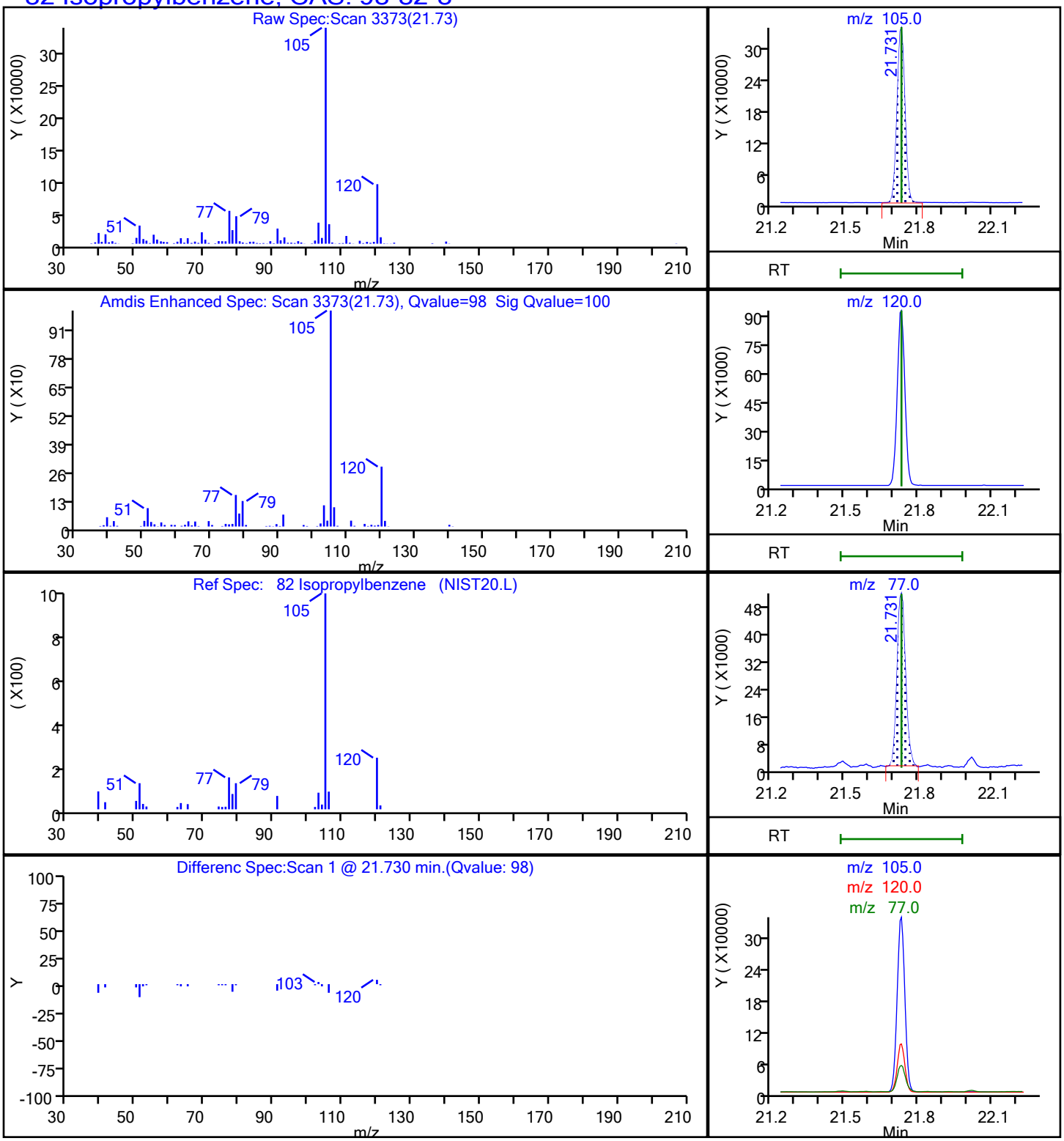
Report Date: 25-Jun-2025 11:51:17 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d

Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8

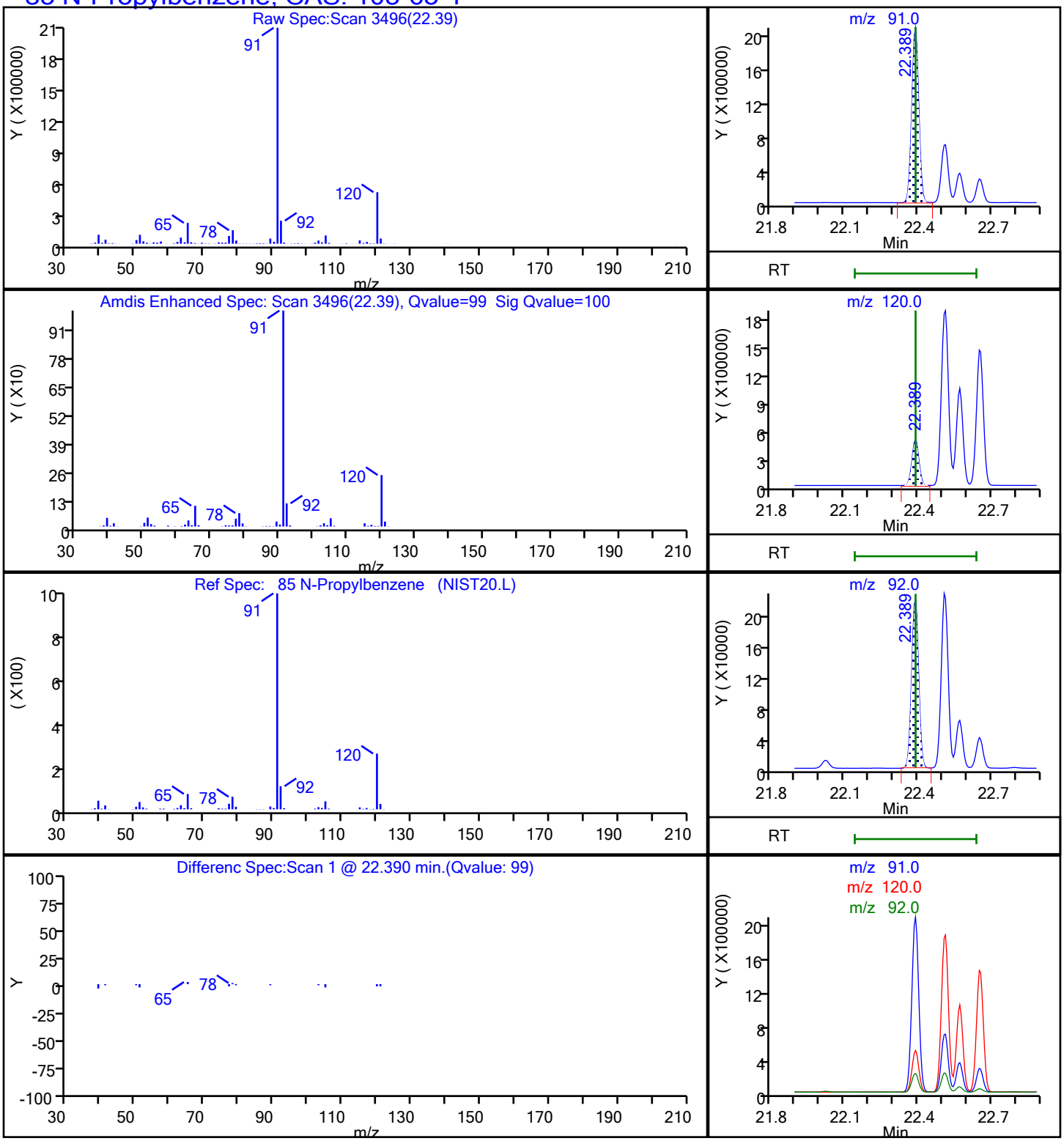


Report Date: 25-Jun-2025 11:51:17 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d				
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 N-Propylbenzene, CAS: 103-65-1



Report Date: 25-Jun-2025 11:51:17 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d

Injection Date: 24-Jun-2025 23:34:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-5 Lab Sample ID: 200-78438-5

Client ID: RXSV-09

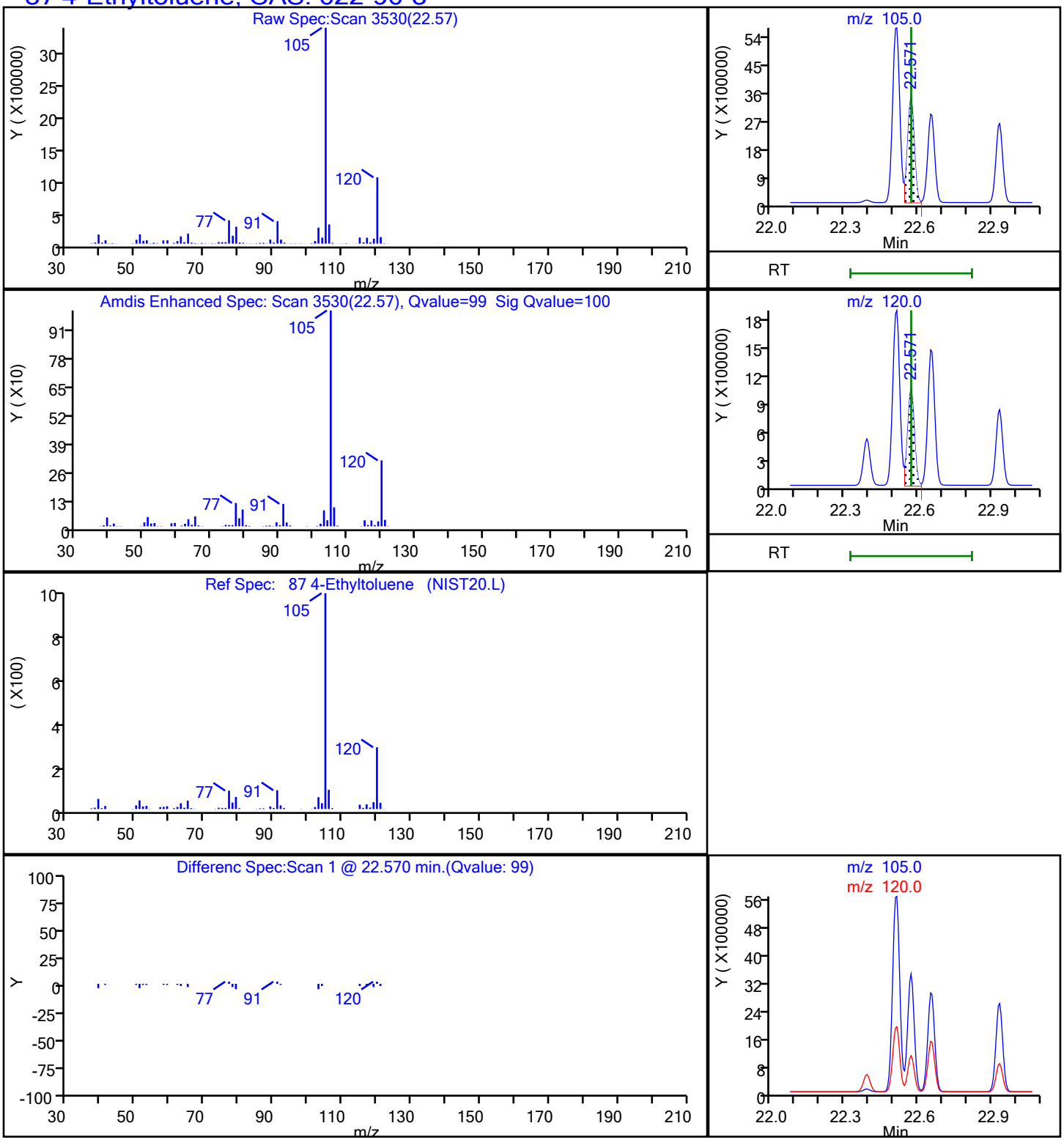
Operator ID: vtp ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 200.000 mL Dil. Factor: 4.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

87 4-Ethyltoluene, CAS: 622-96-8

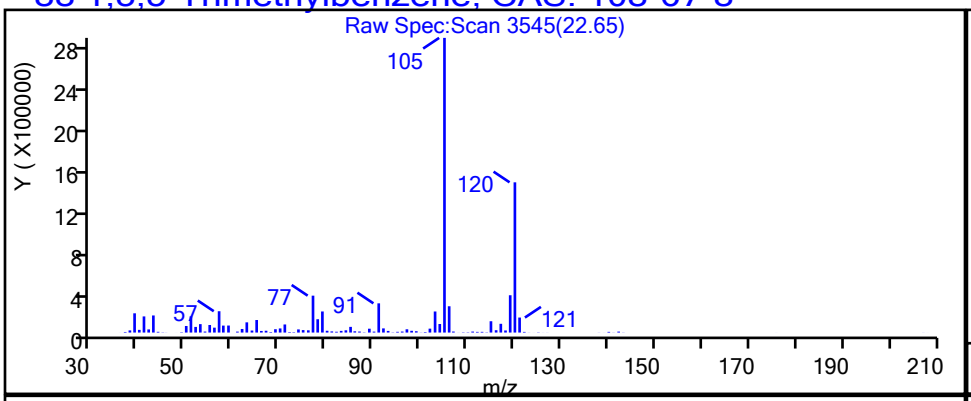


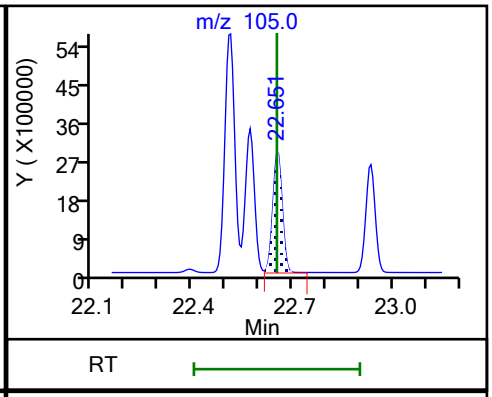
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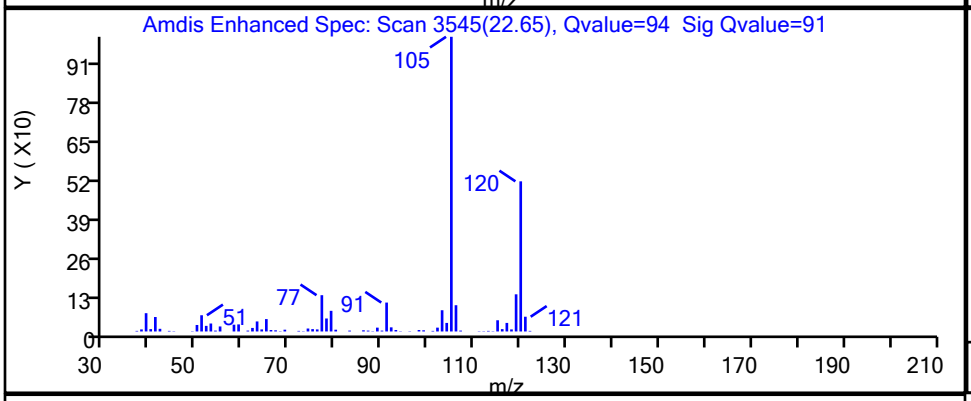
Eurofins Burlington

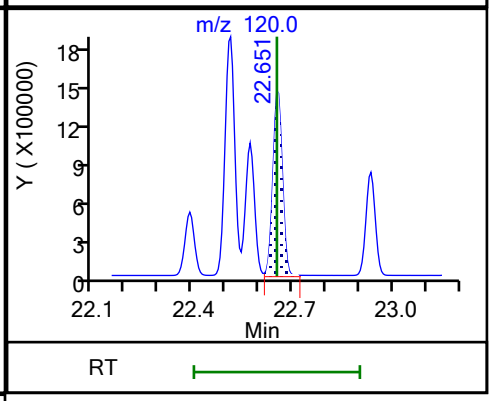
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Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

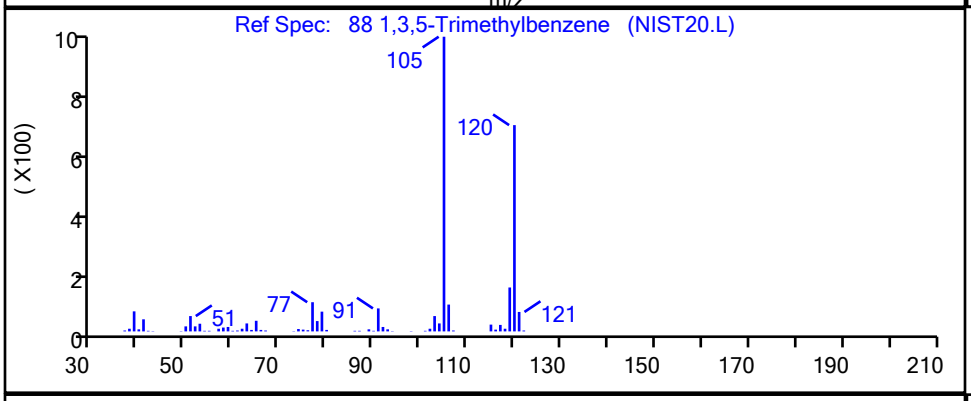
88 1,3,5-Trimethylbenzene, CAS: 108-67-8

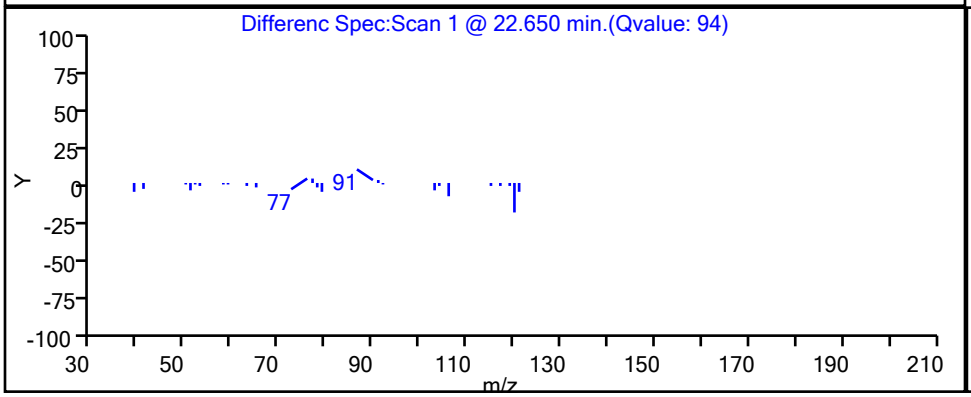


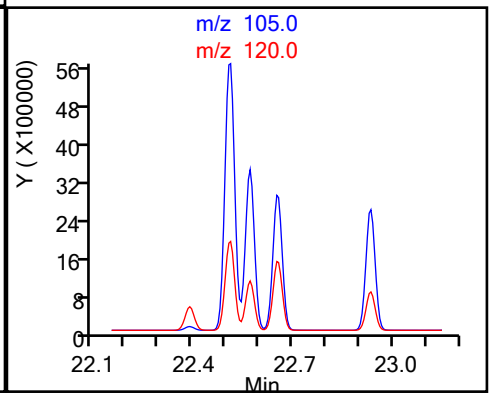












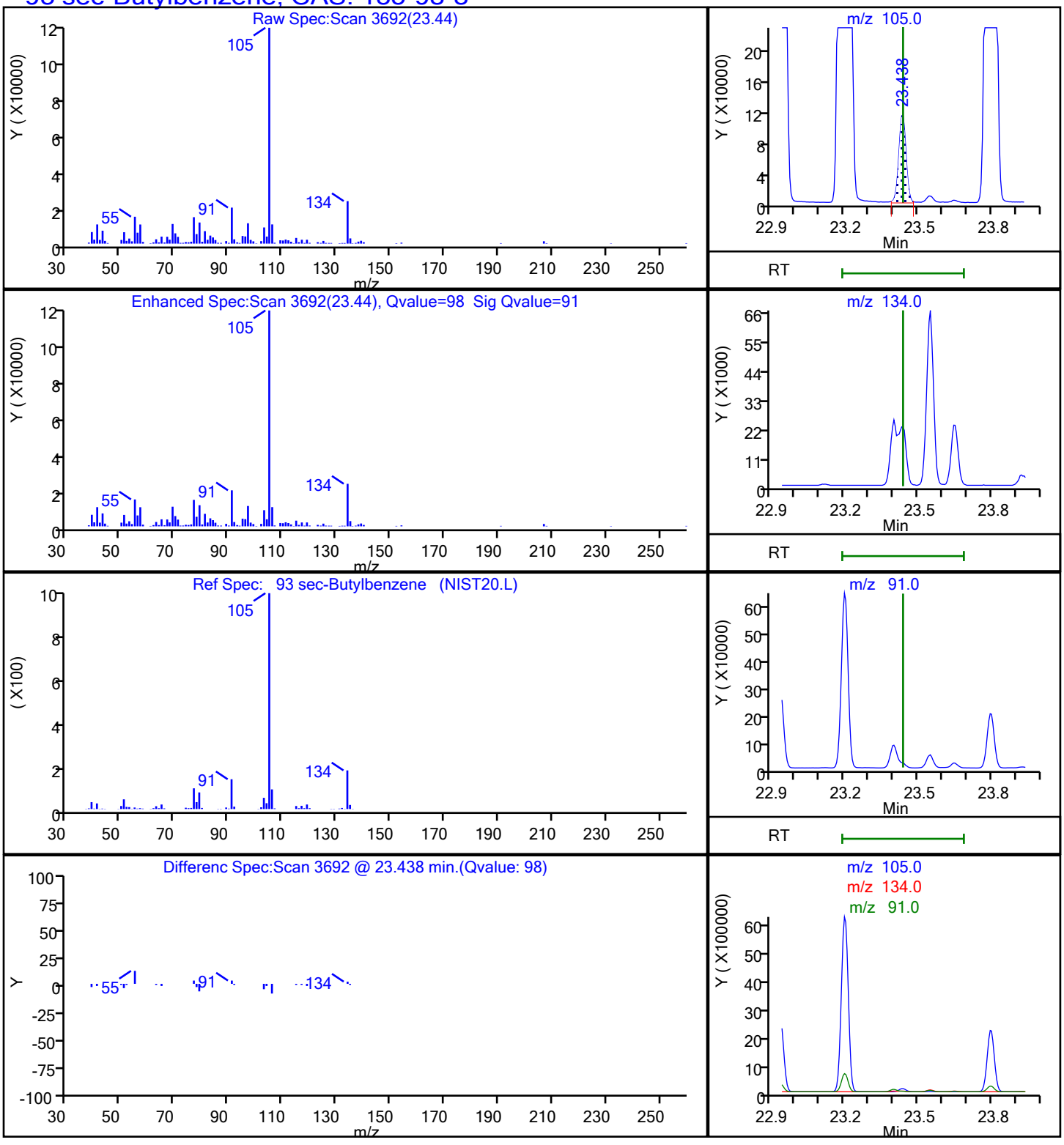
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d

Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

93 sec-Butylbenzene, CAS: 135-98-8



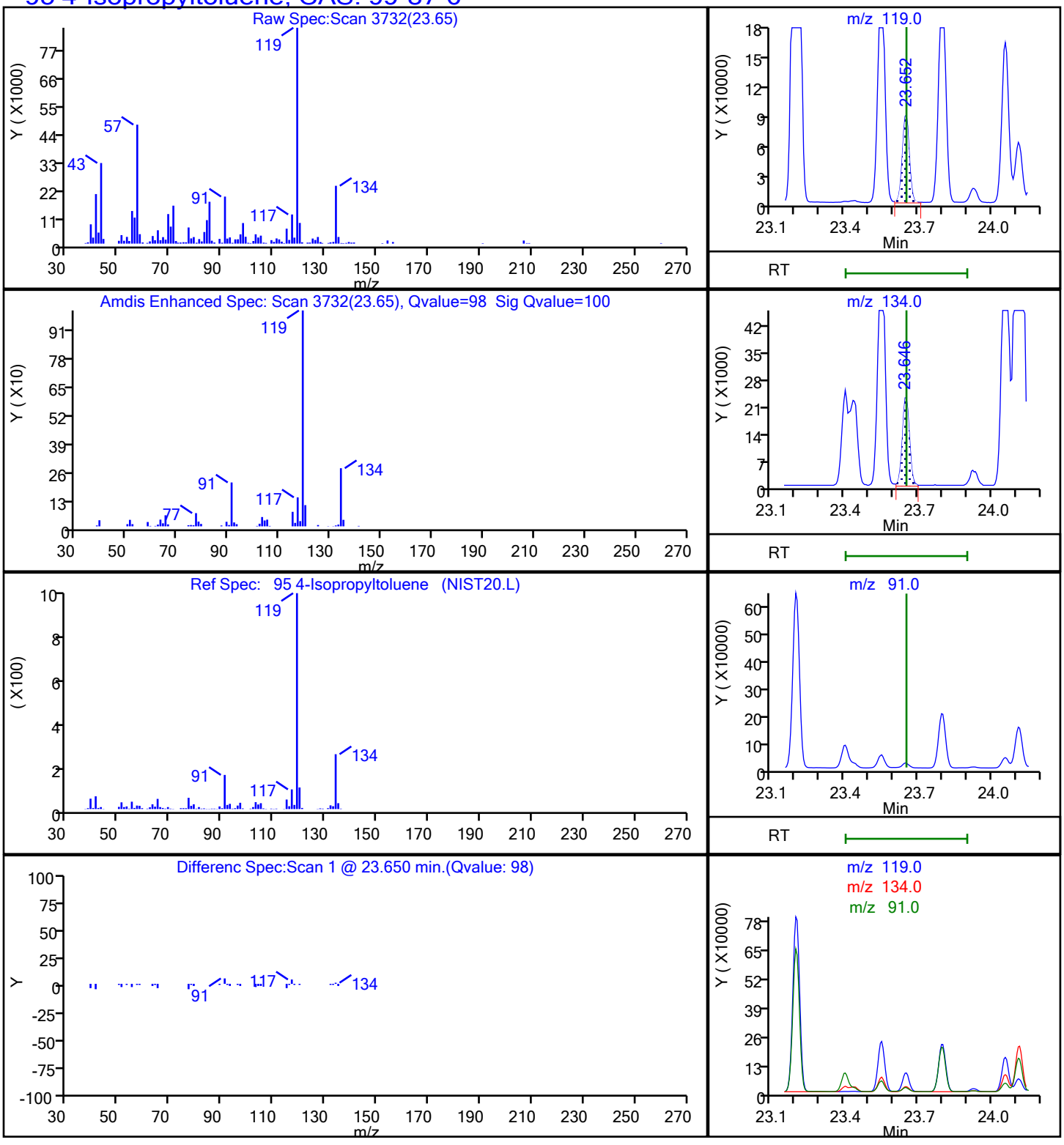
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d

Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5
Client ID:	RXSV-09		
Operator ID:	vtp	ALS Bottle#:	15 Worklist Smp#: 16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

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



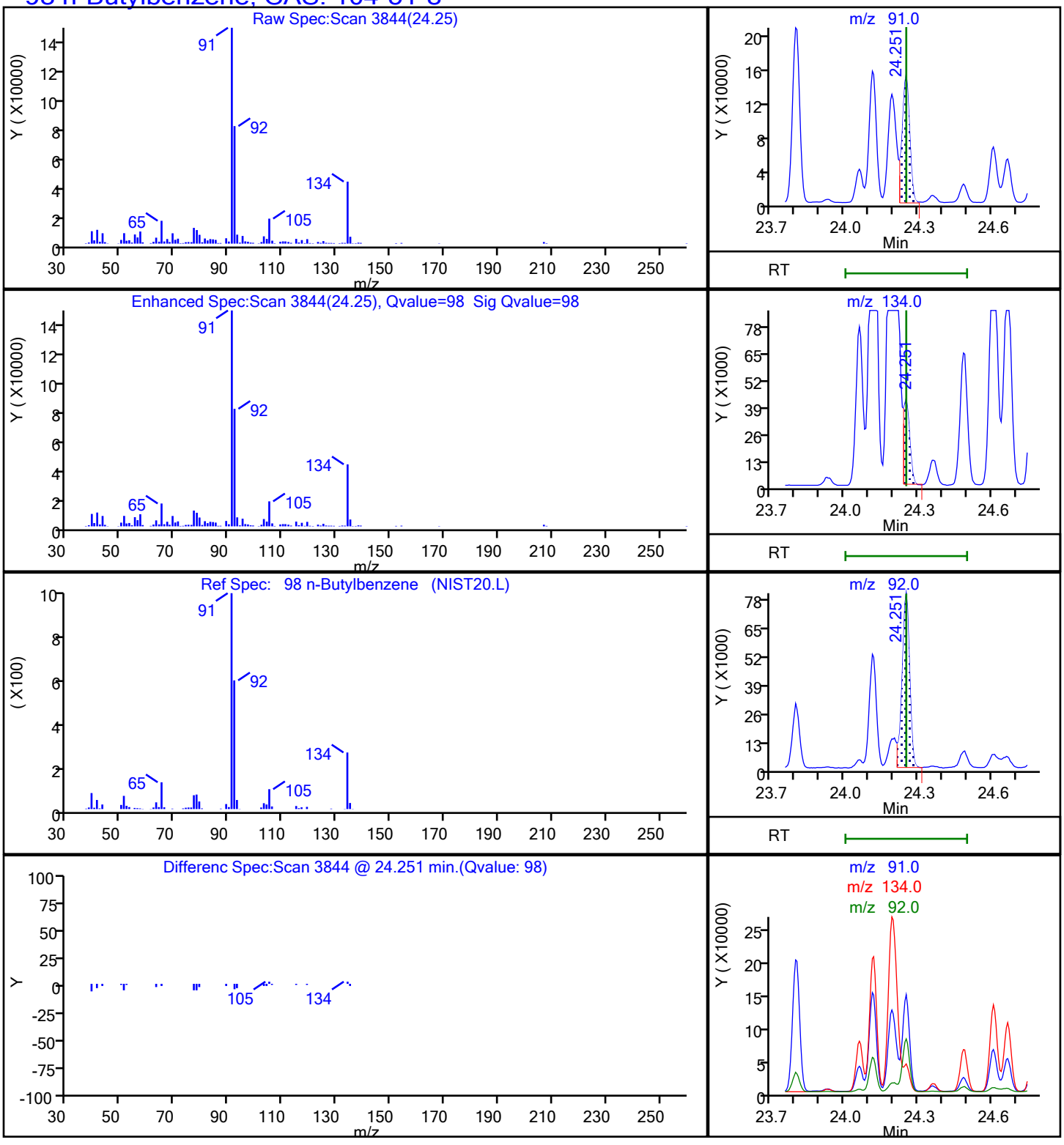
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d

Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

98 n-Butylbenzene, CAS: 104-51-8

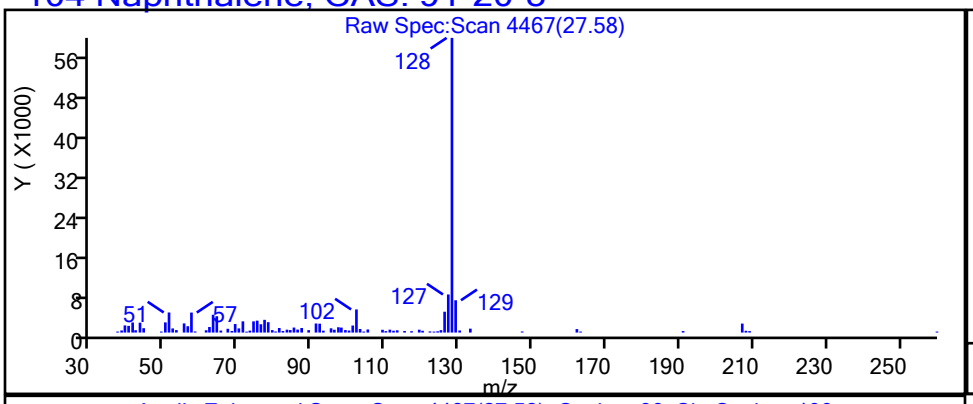


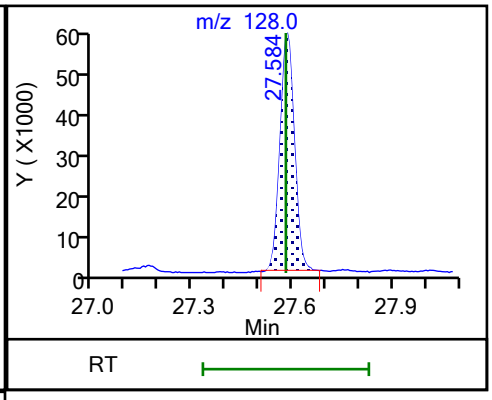
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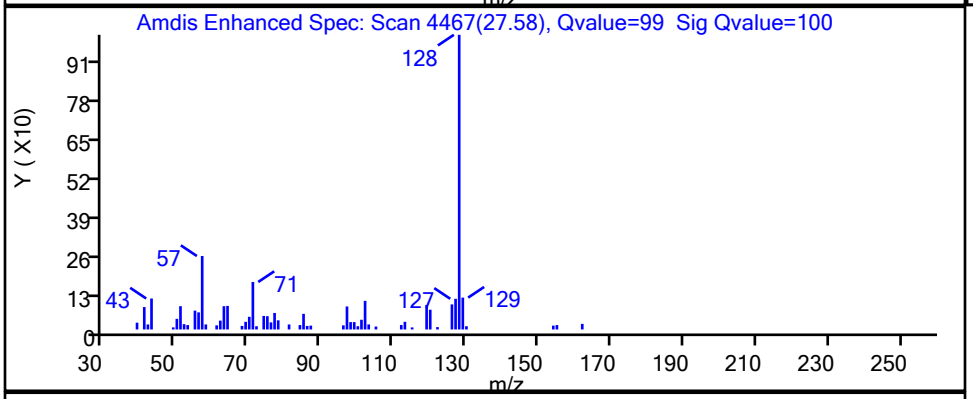
Eurofins Burlington

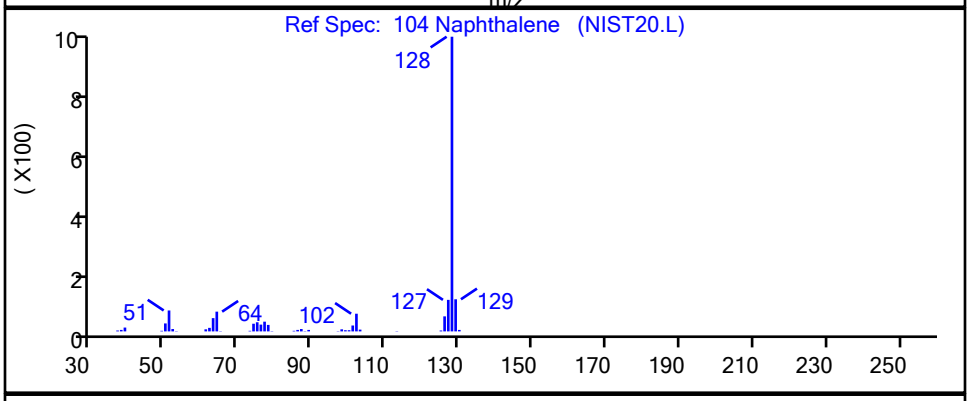
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d				
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

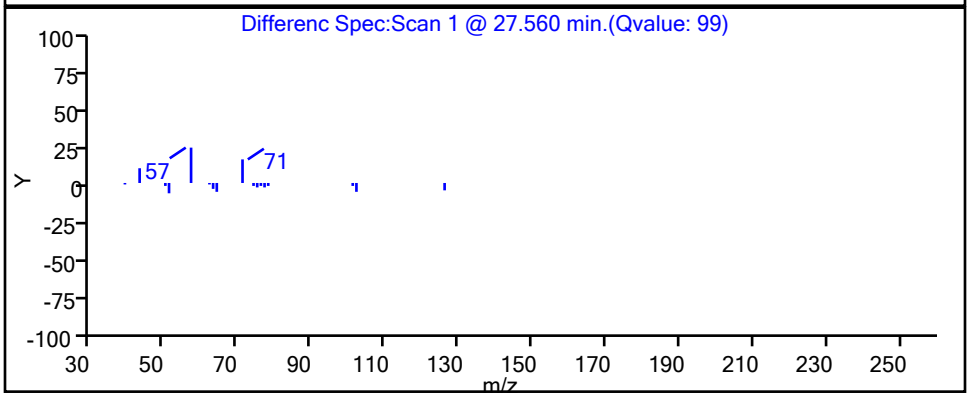
104 Naphthalene, CAS: 91-20-3











Manual Integration/User Assign Peak Report

Eurofins Burlington

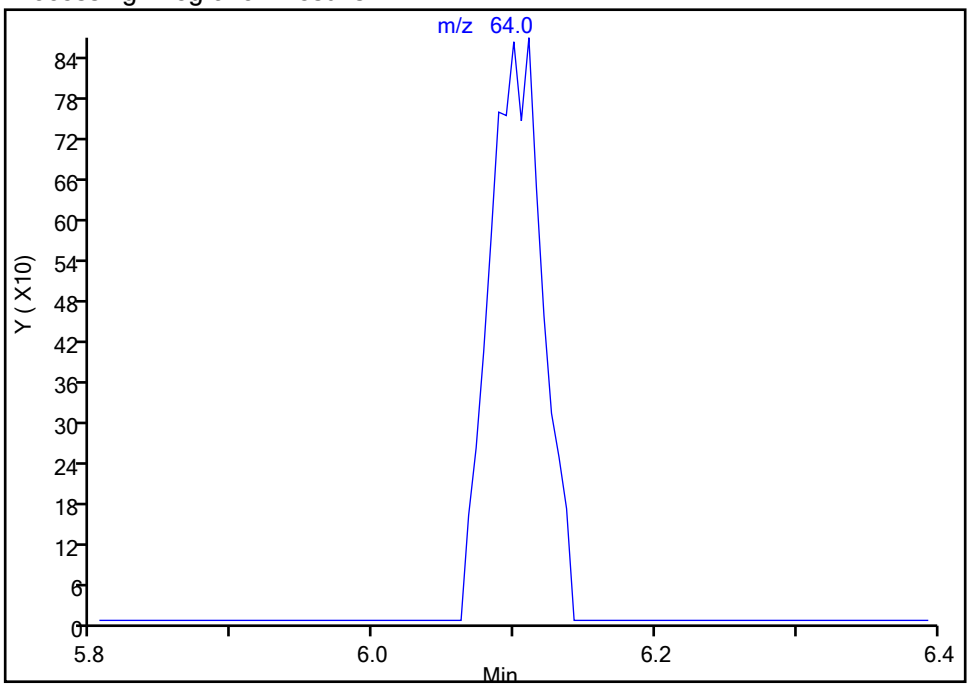
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d				
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

10 Chloroethane, CAS: 75-00-3

Signal: 1

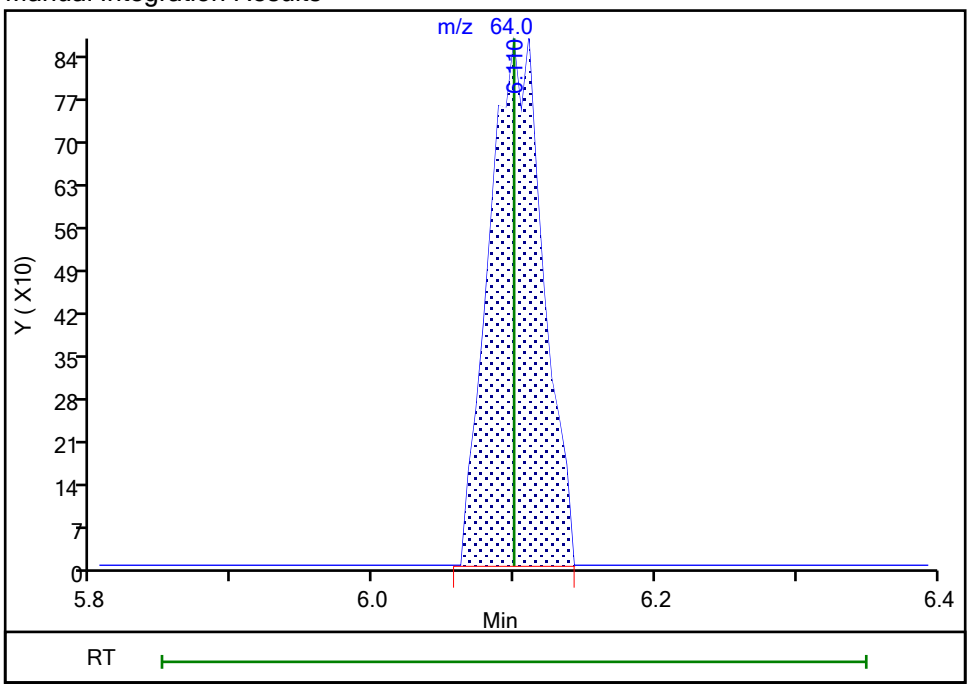
Not Detected
Expected RT: 6.10

Processing Integration Results



Manual Integration Results

RT: 6.11
Area: 2288
Amount: 0.138773
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:46:08 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

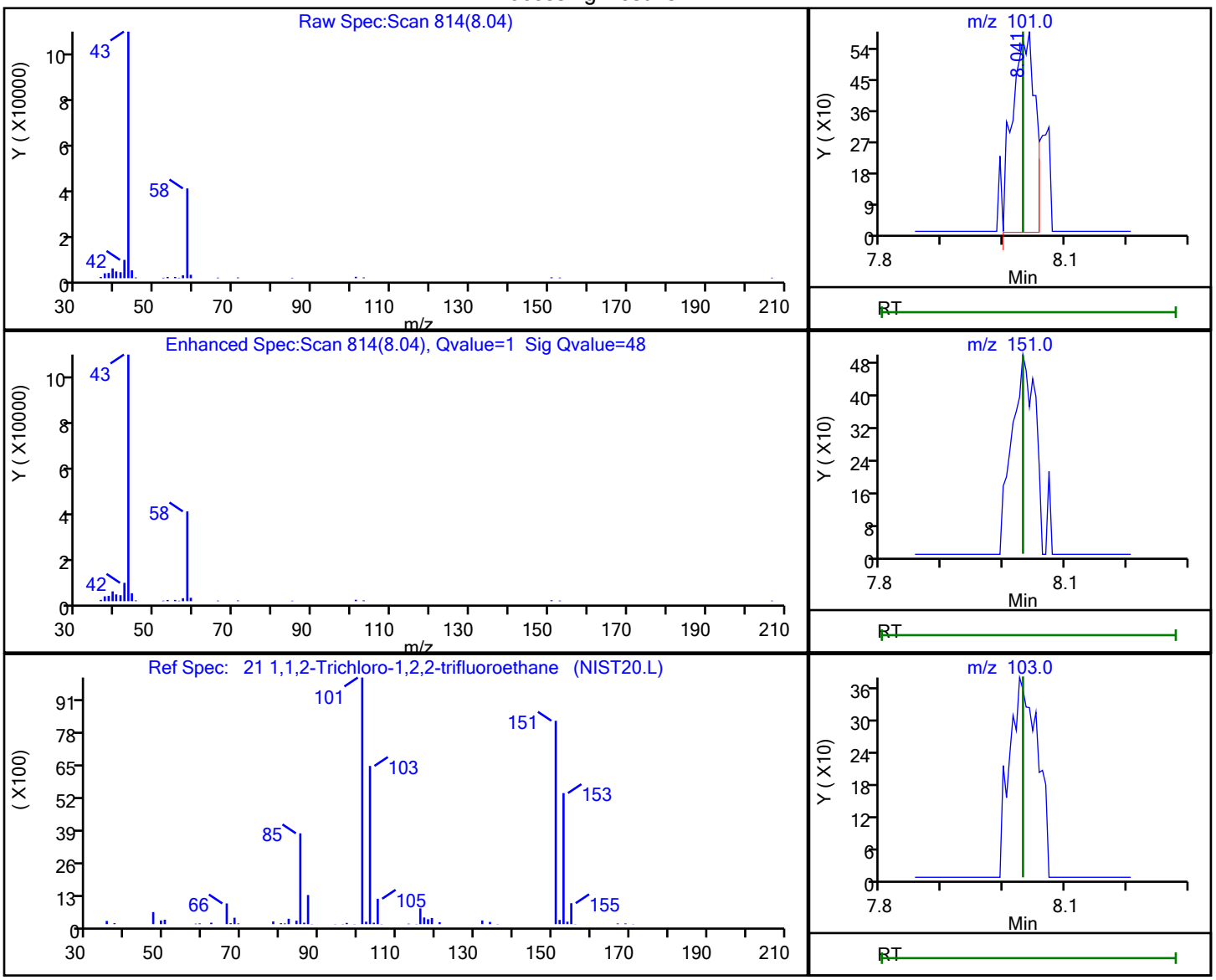
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d				
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
8.04	101.00	1481	0.021989
8.03	151.00	0	
8.03	103.00	0	

Reviewer: F7XK, 25-Jun-2025 11:46:48 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

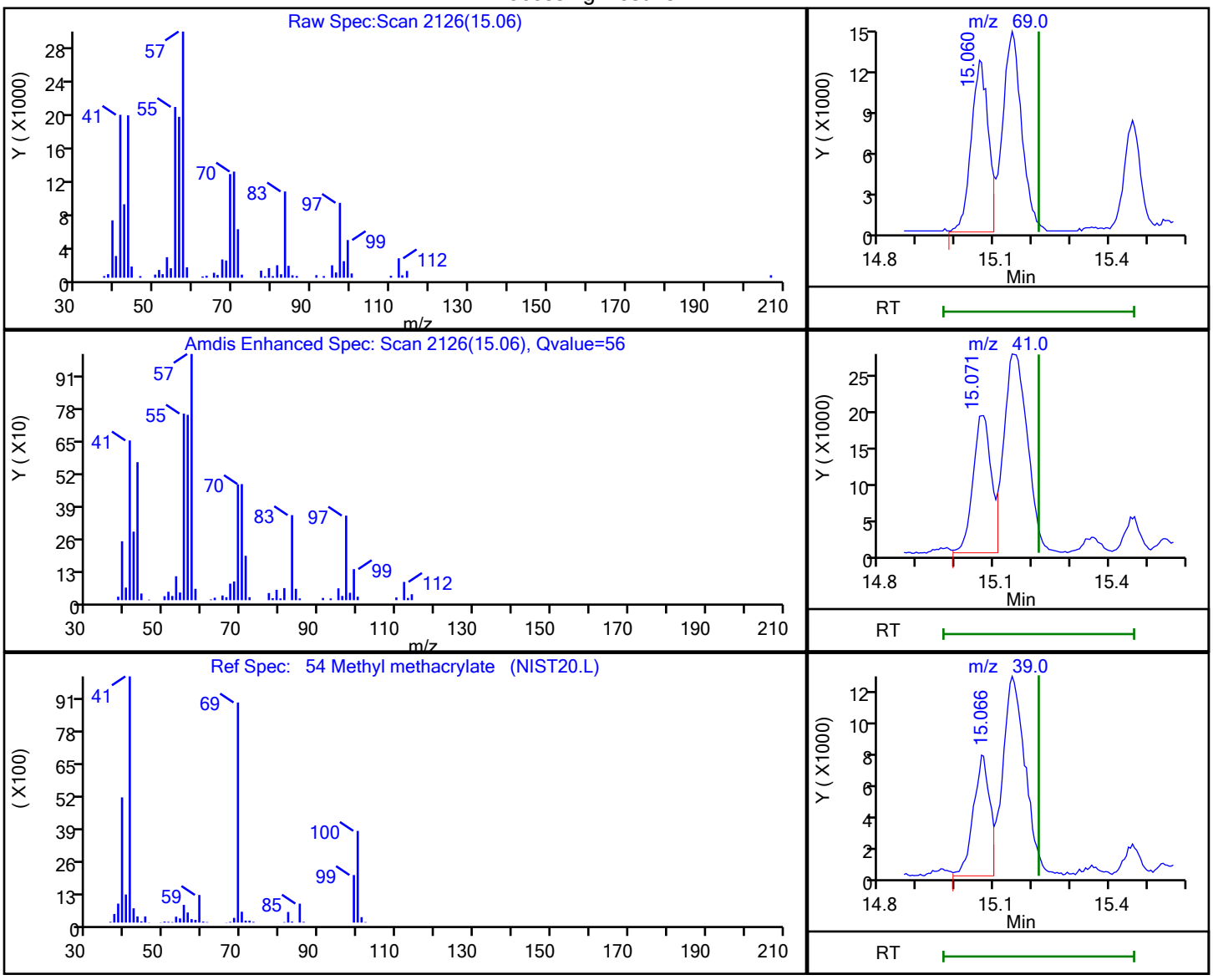
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d				
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

54 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
15.06	69.00	37954	1.093909
15.07	41.00	65214	
15.07	39.00	22940	

Reviewer: F7XK, 25-Jun-2025 11:48:04 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

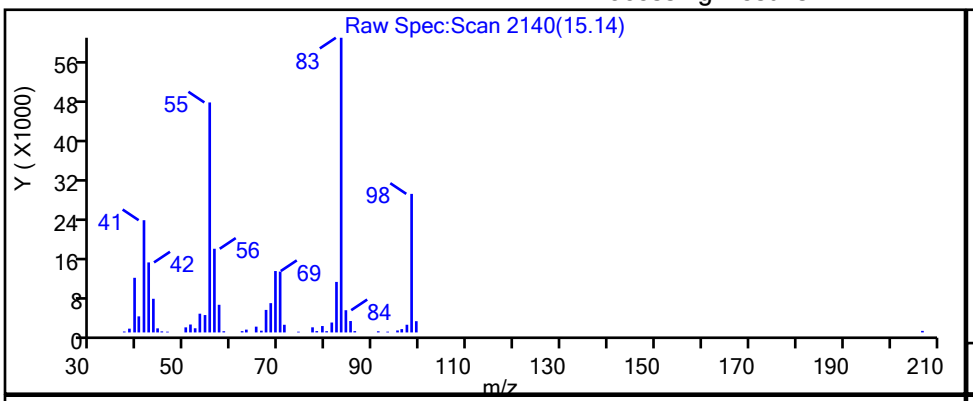
User Disabled Compound Report

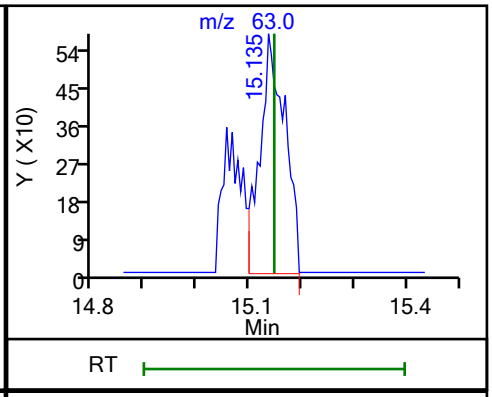
Eurofins Burlington

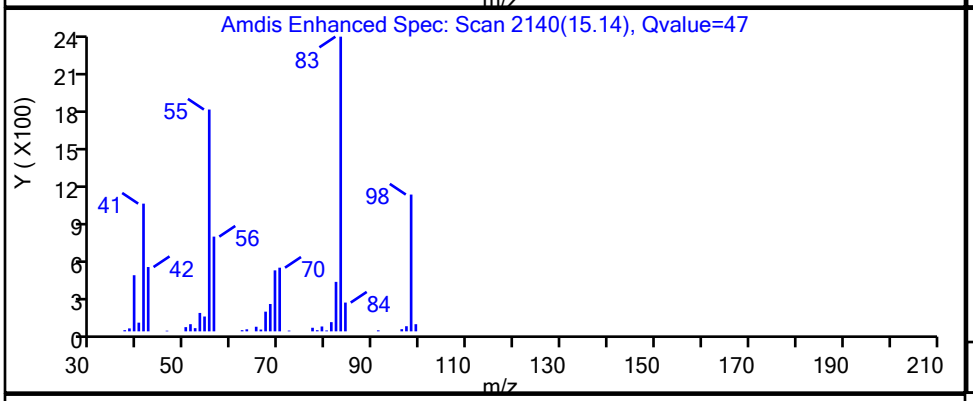
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Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

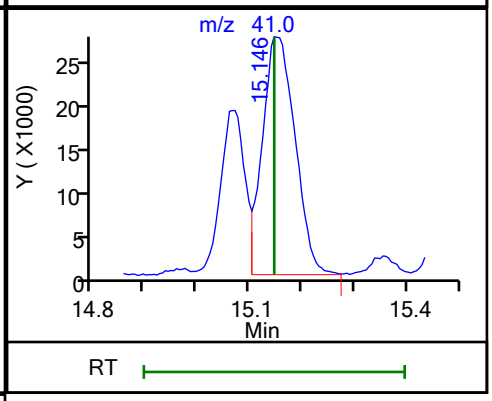
53 1,2-Dichloropropane, CAS: 78-87-5

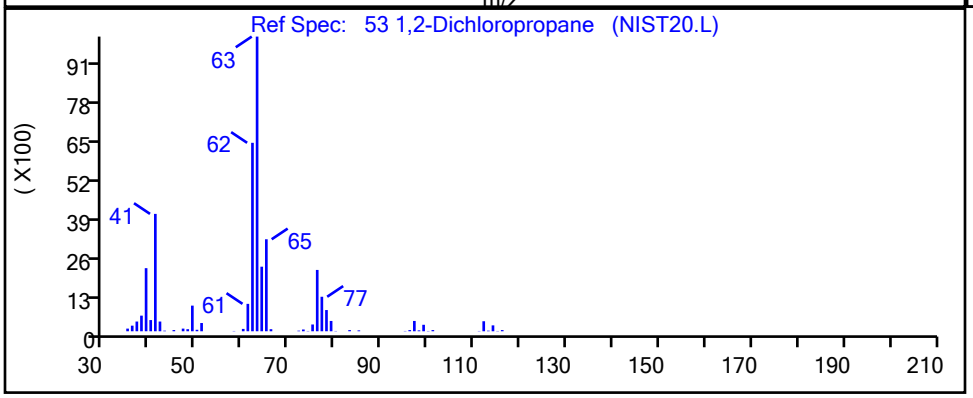
Processing Results











RT	Mass	Response	Amount
15.14	63.00	1897	0.049667
15.15	41.00	119546	

Reviewer: F7XK, 25-Jun-2025 11:48:01 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

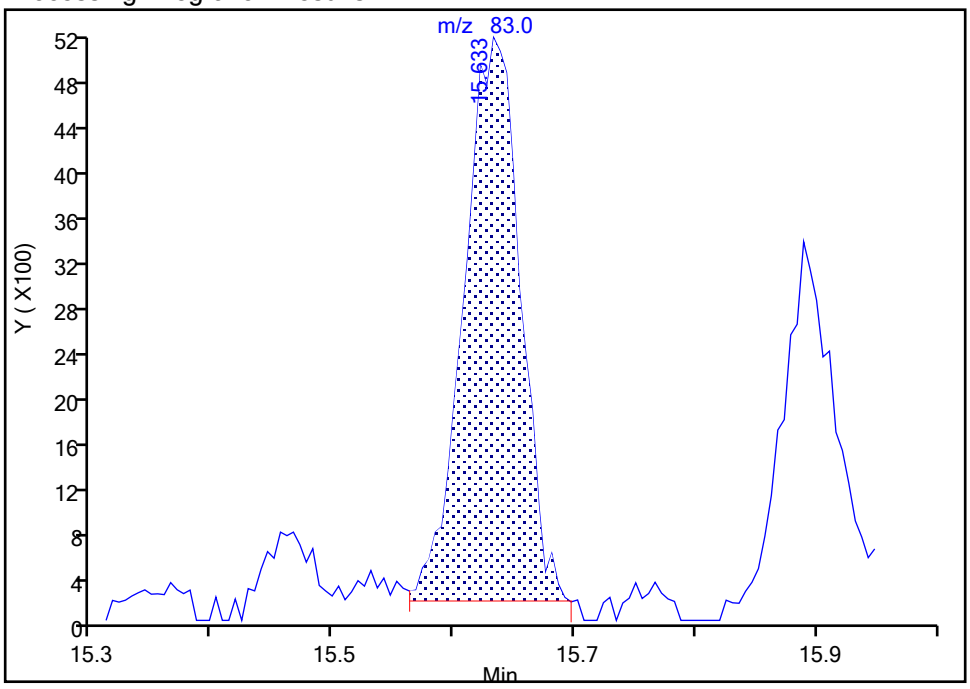
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Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

58 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

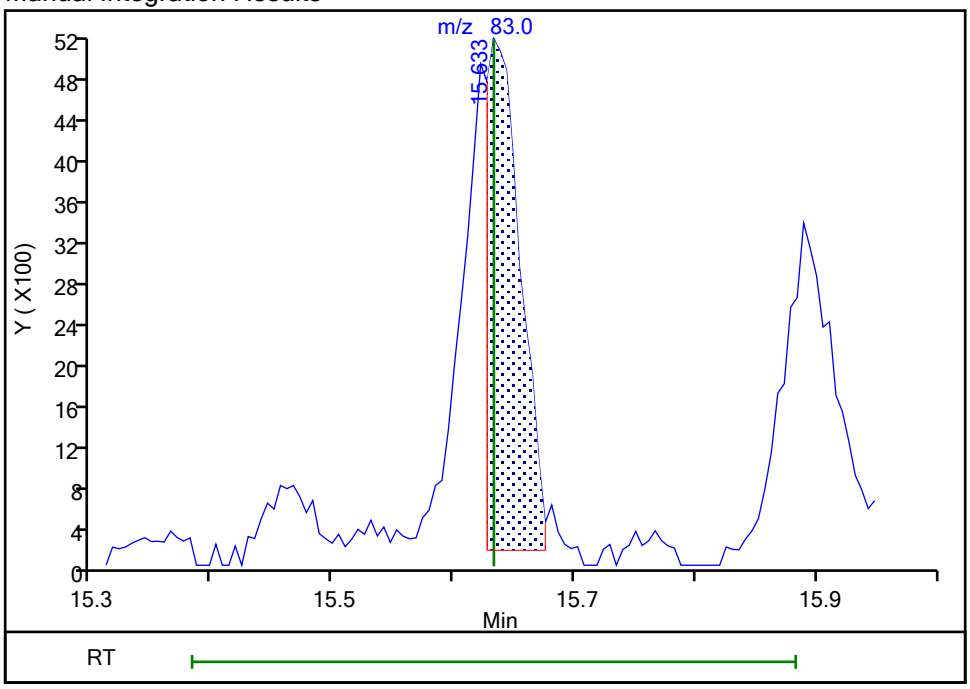
Processing Integration Results

RT: 15.63
Area: 16195
Amount: 0.236268
Amount Units: ppb v/v



Manual Integration Results

RT: 15.63
Area: 9854
Amount: 0.143759
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:48:35 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

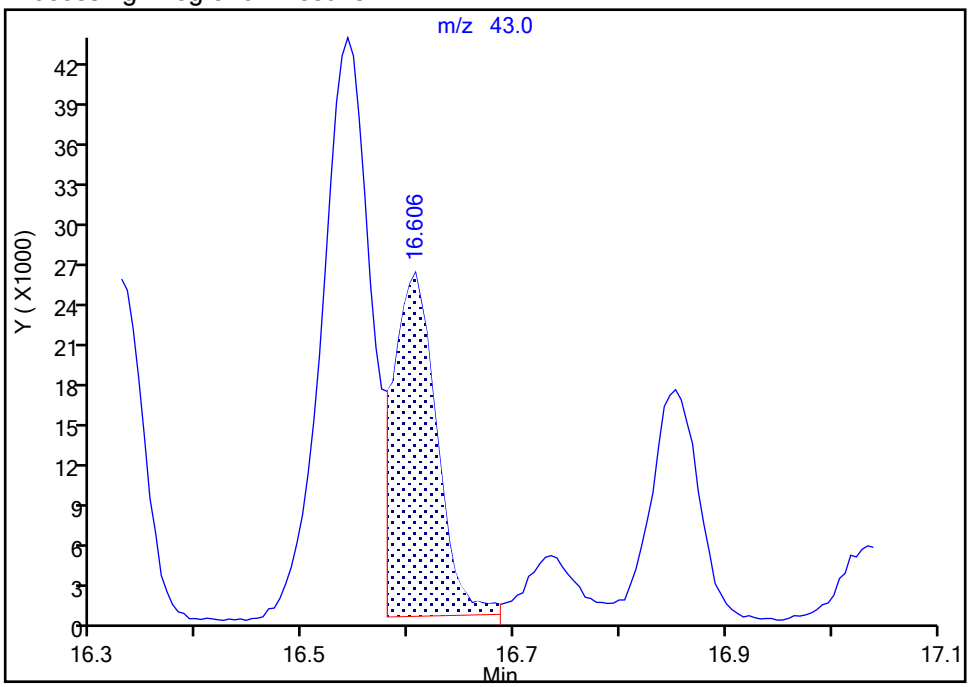
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Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Signal: 1

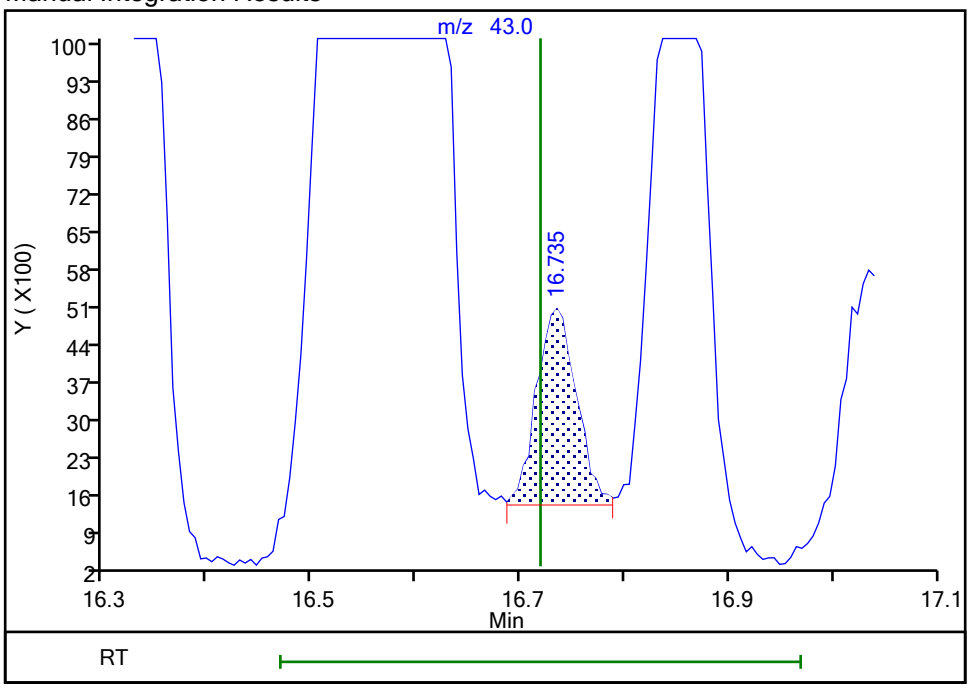
Processing Integration Results

RT: 16.61
Area: 72842
Amount: 1.197916
Amount Units: ppb v/v



Manual Integration Results

RT: 16.73
Area: 9855
Amount: 0.162069
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:48:50 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

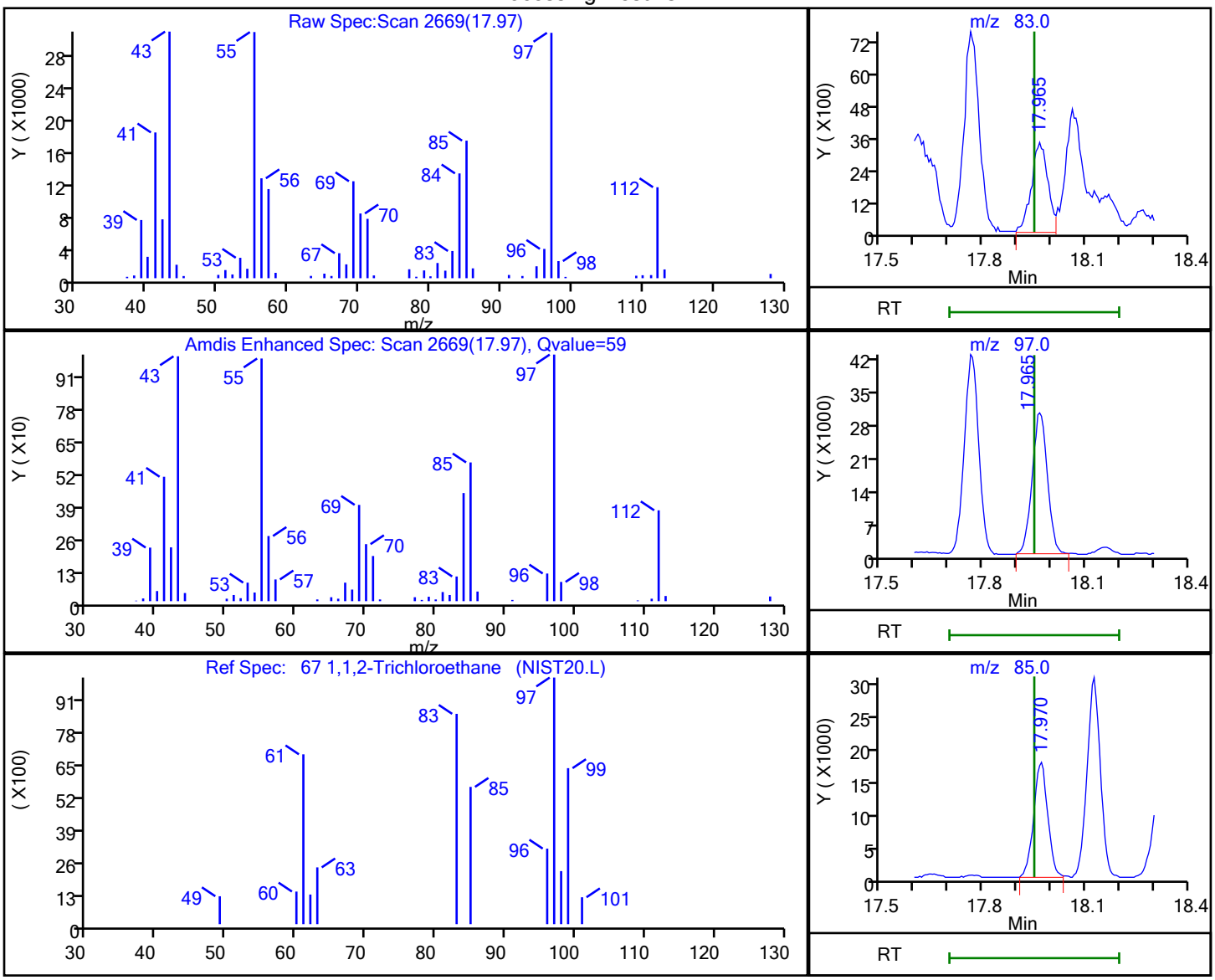
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d				
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	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
17.97	83.00	11279	0.291966
17.97	97.00	95605	
17.97	85.00	50502	

Reviewer: F7XK, 25-Jun-2025 11:49:01 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

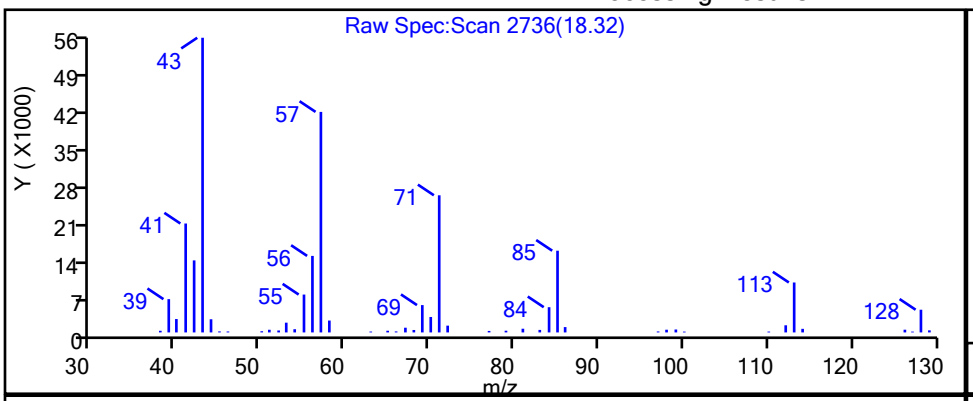
User Disabled Compound Report

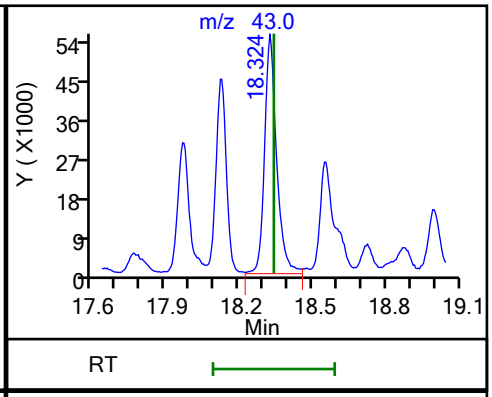
Eurofins Burlington

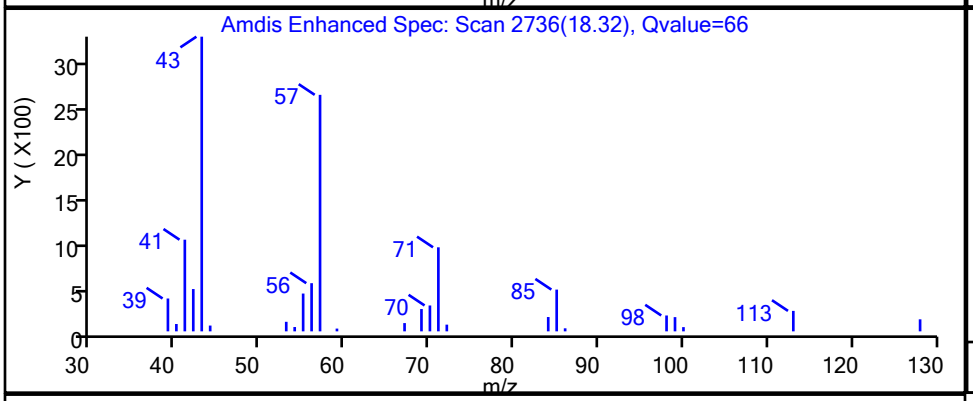
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Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

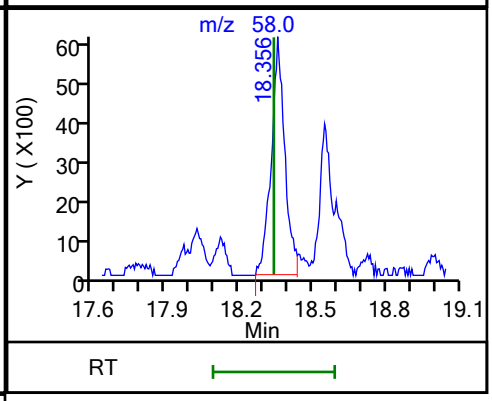
69 2-Hexanone, CAS: 591-78-6

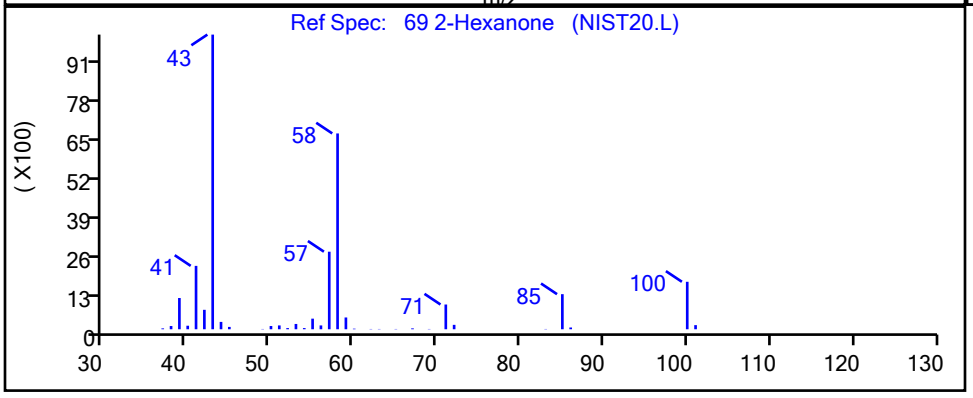
Processing Results











RT	Mass	Response	Amount
18.32	43.00	186282	3.092233
18.36	58.00	23562	

Reviewer: F7XK, 25-Jun-2025 11:49:10 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

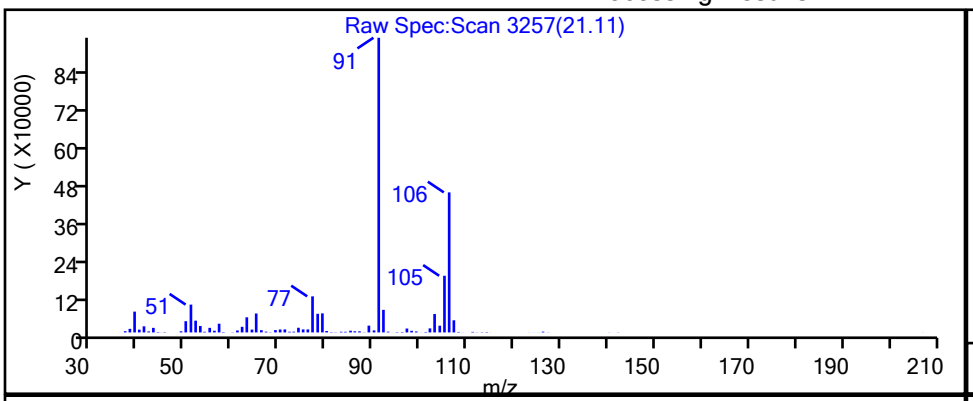
User Disabled Compound Report

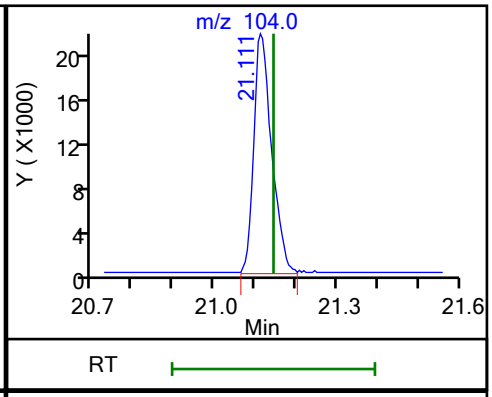
Eurofins Burlington

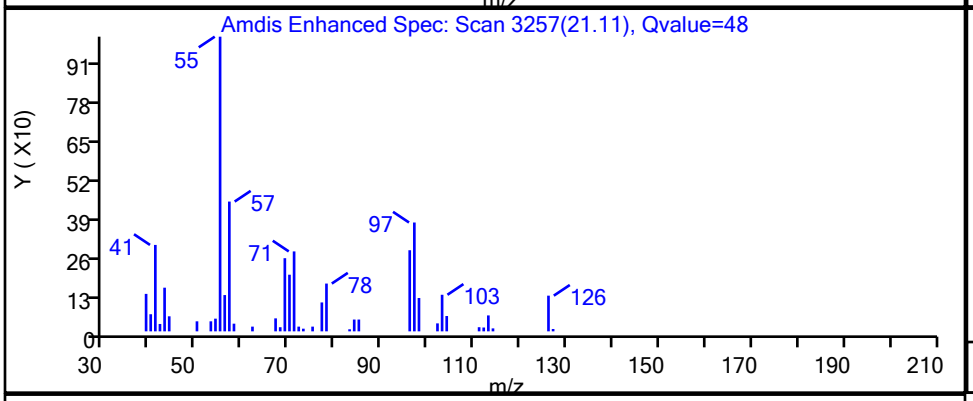
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d				
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

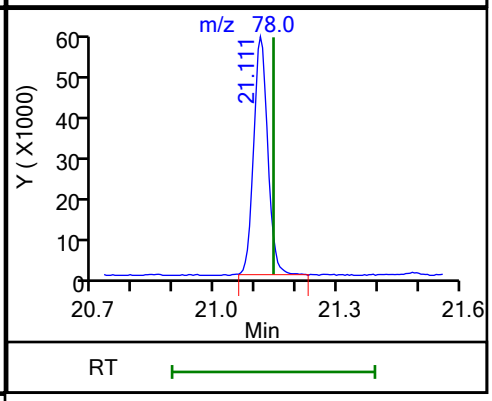
79 Styrene, CAS: 100-42-5

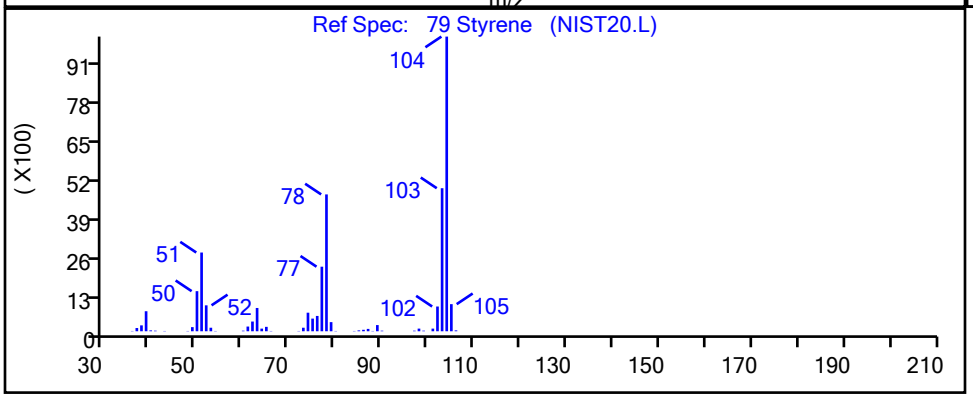
Processing Results











RT	Mass	Response	Amount
21.11	104.00	65686	0.648121
21.11	78.00	145311	

Reviewer: F7XK, 25-Jun-2025 11:49:34 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

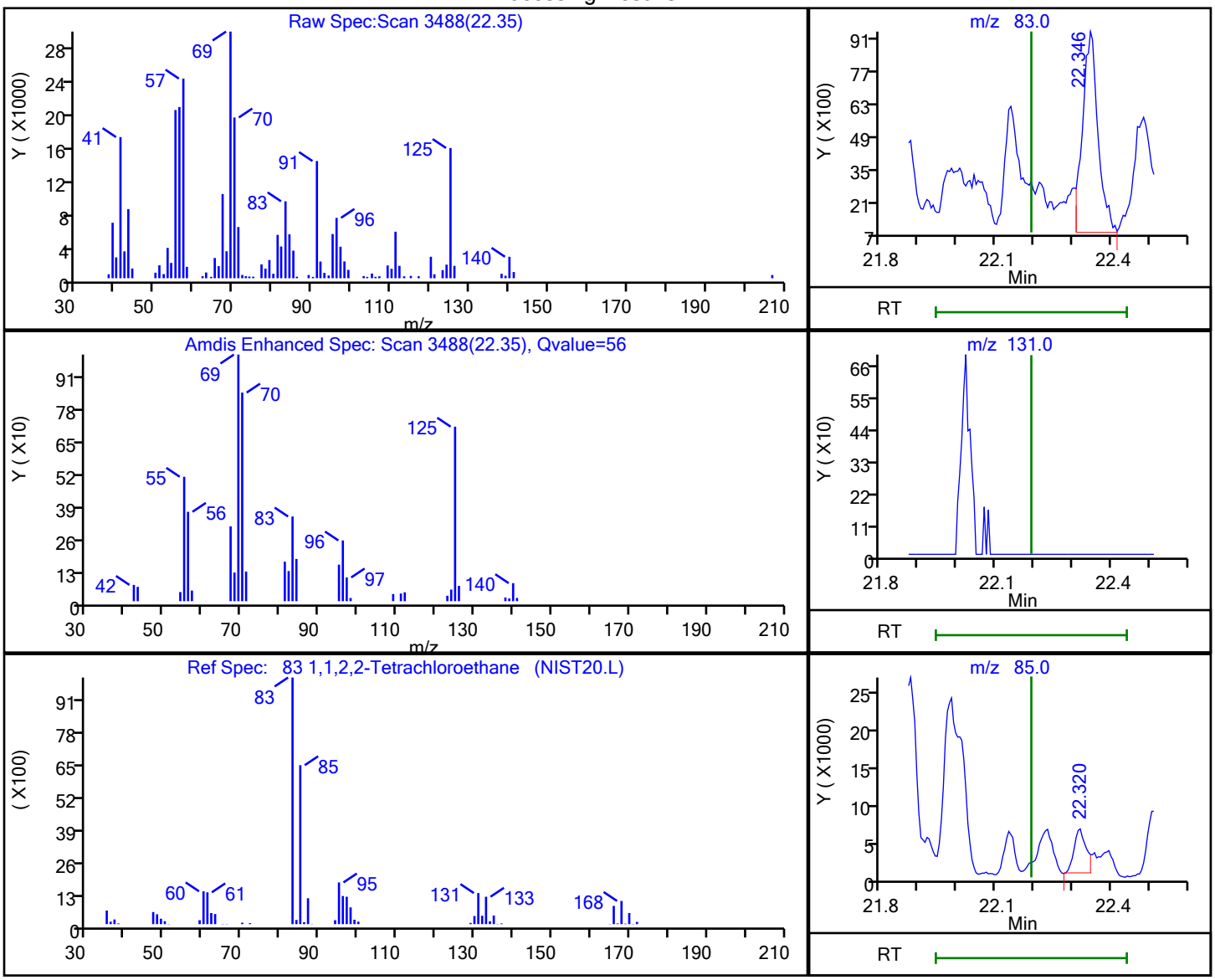
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d				
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

83 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
22.35	83.00	23836	0.229511
22.19	131.00	0	
22.32	85.00	13189	

Reviewer: F7XK, 25-Jun-2025 11:49:42 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

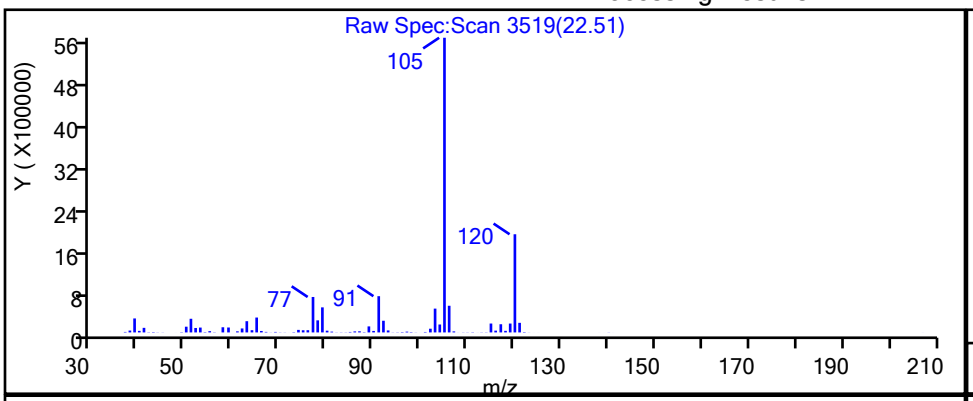
User Disabled Compound Report

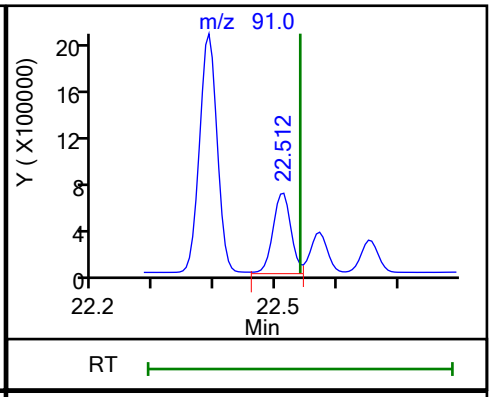
Eurofins Burlington

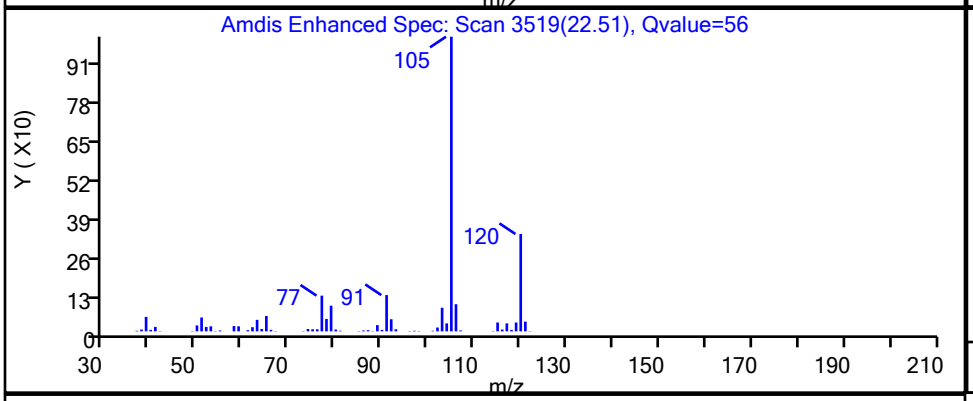
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d				
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

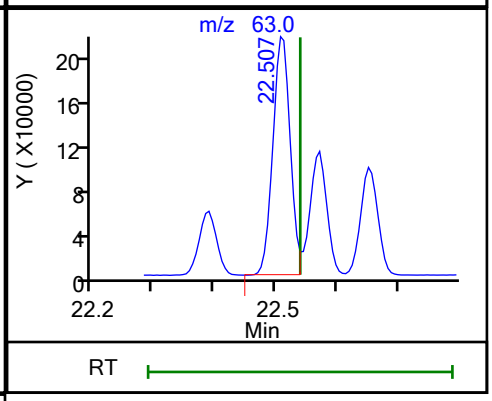
86 2-Chlorotoluene, CAS: 95-49-8

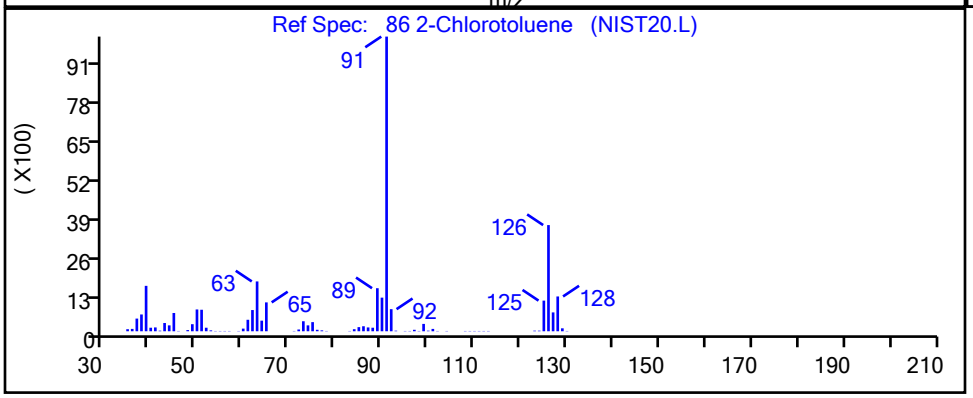
Processing Results











RT	Mass	Response	Amount
22.51	91.00	1411986	8.752036
22.51	63.00	432570	

Reviewer: F7XK, 25-Jun-2025 11:49:49 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

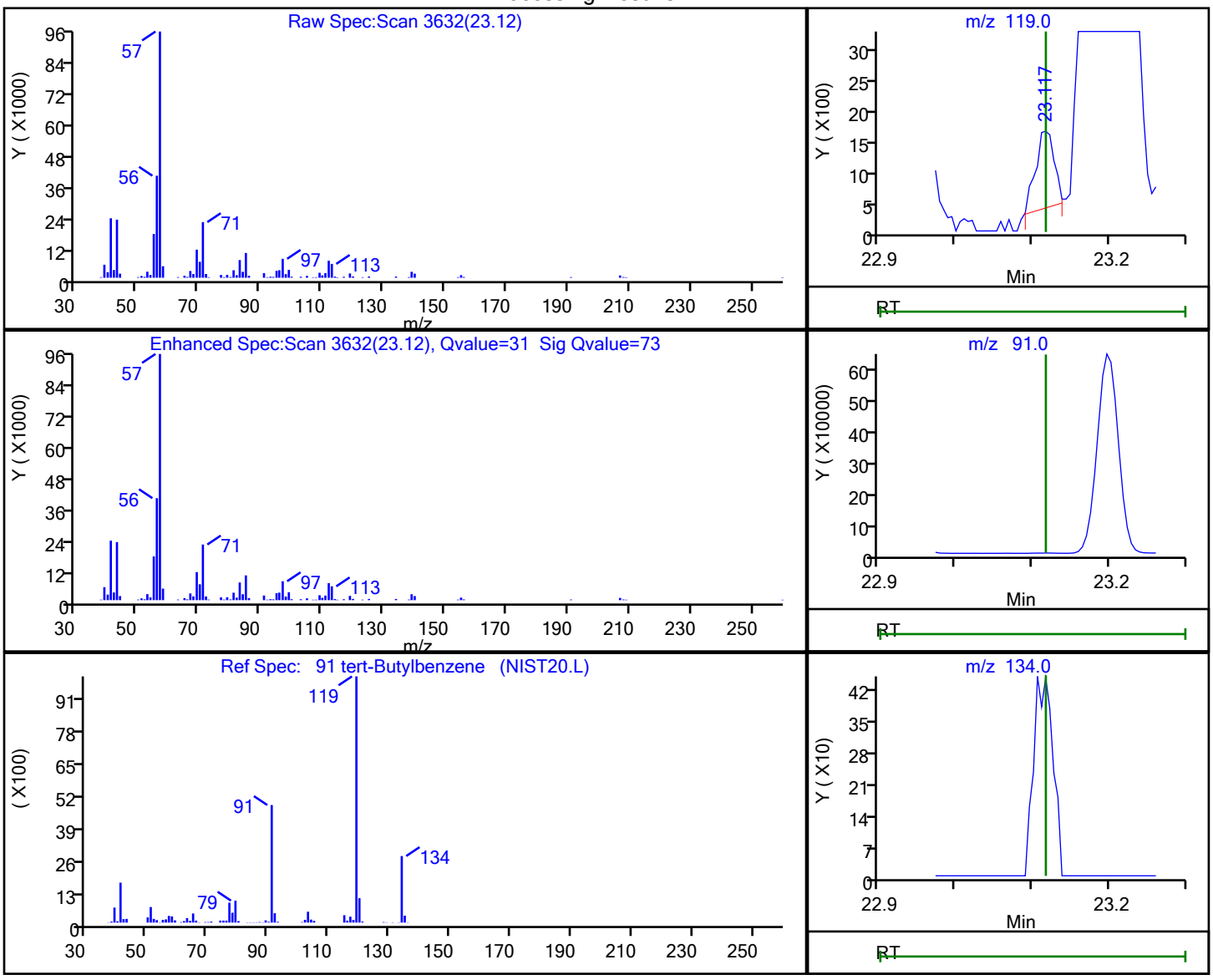
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d				
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	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
23.12	119.00	2134	0.013521
23.12	91.00	0	
23.12	134.00	0	

Reviewer: F7XK, 25-Jun-2025 11:50:07 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

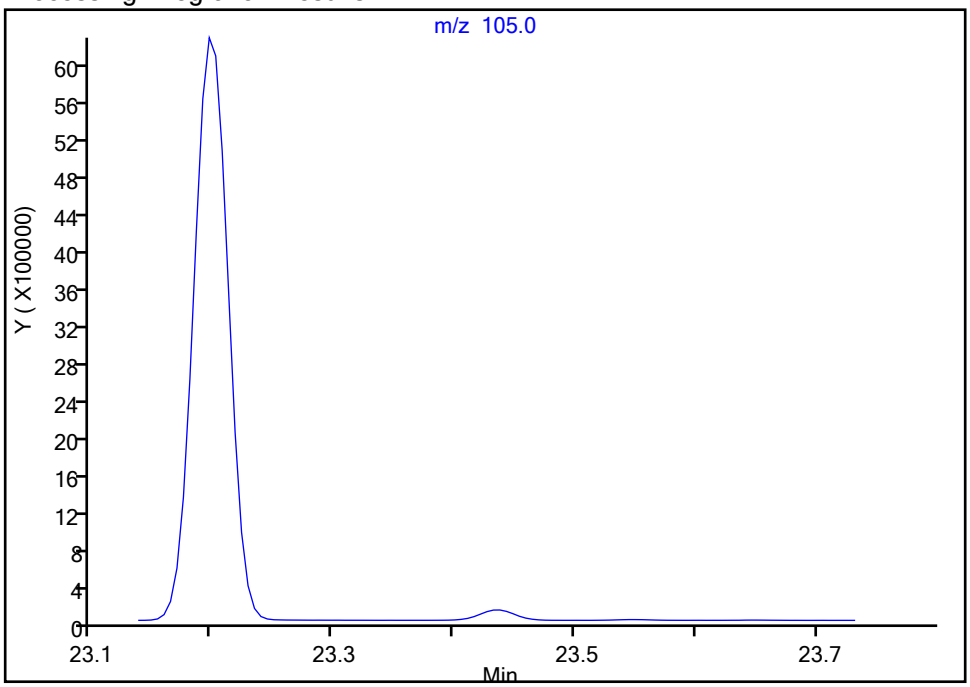
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d				
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

93 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

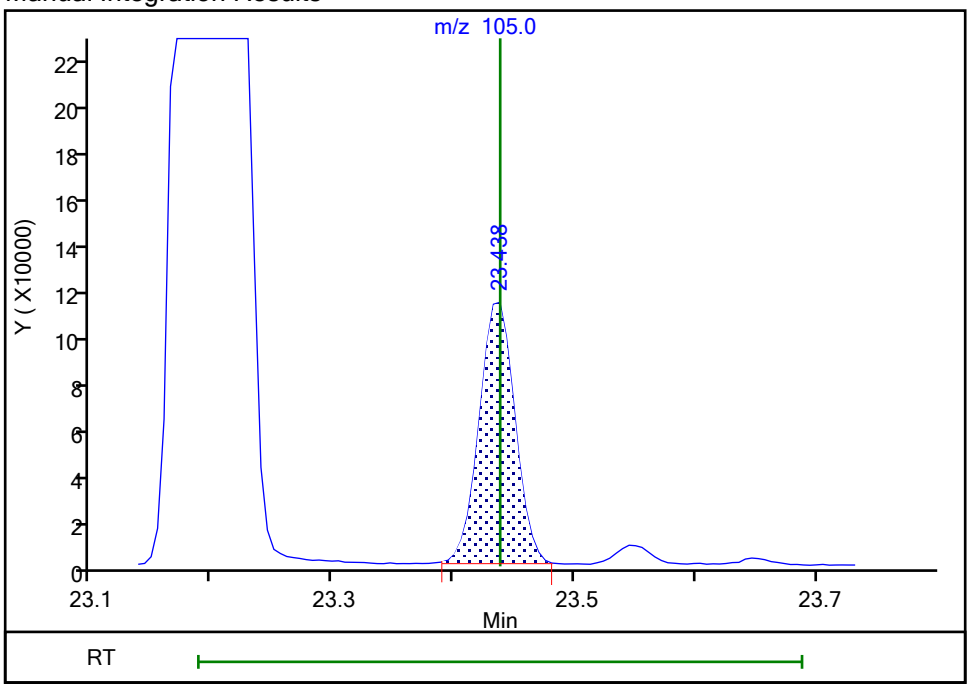
Not Detected
Expected RT: 23.44

Processing Integration Results



Manual Integration Results

RT: 23.44
Area: 226588
Amount: 0.957372
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:50:17 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

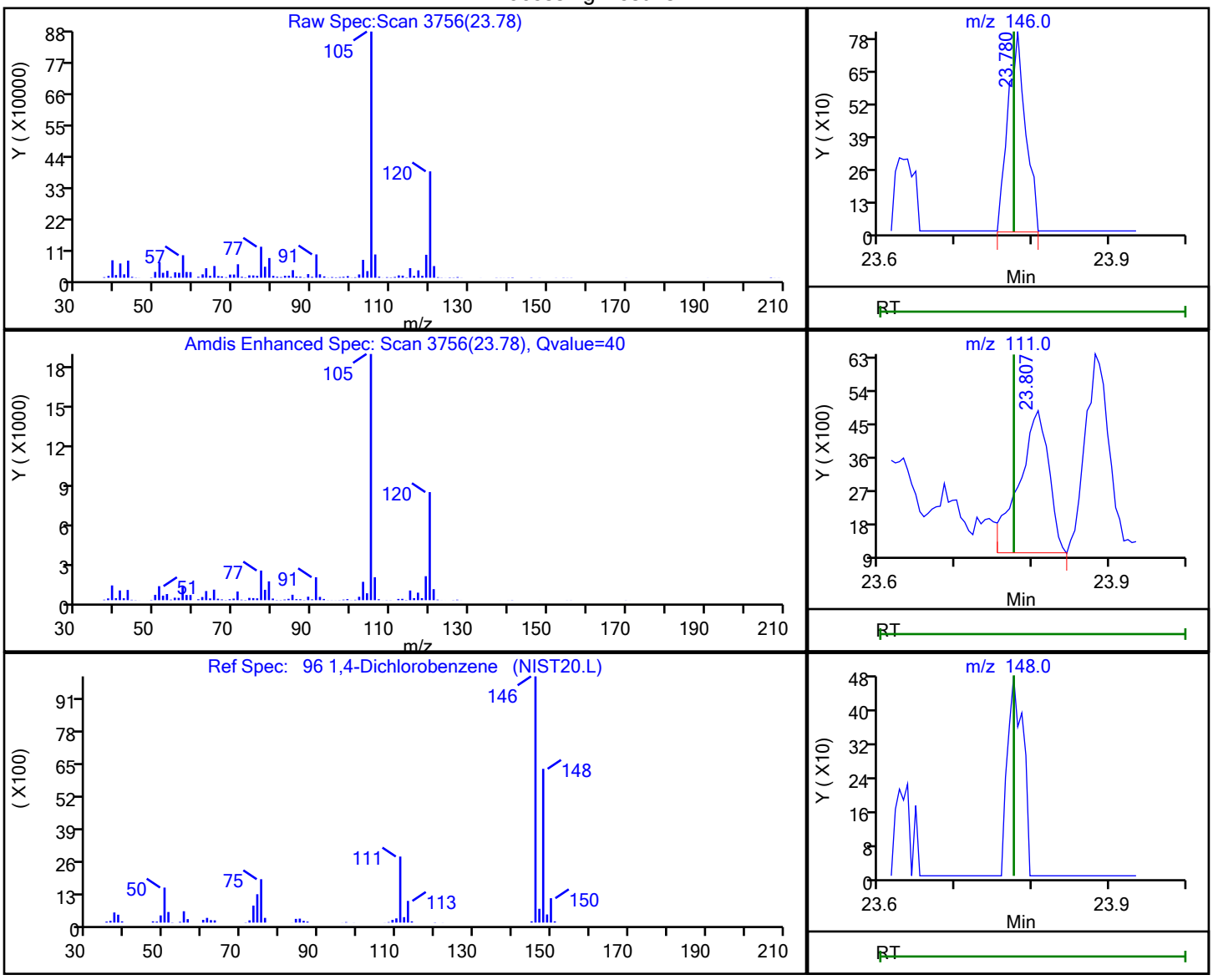
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d				
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

96 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
23.78	146.00	1284	0.010479
23.81	111.00	10648	
23.78	148.00	0	

Reviewer: F7XK, 25-Jun-2025 11:50:32 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

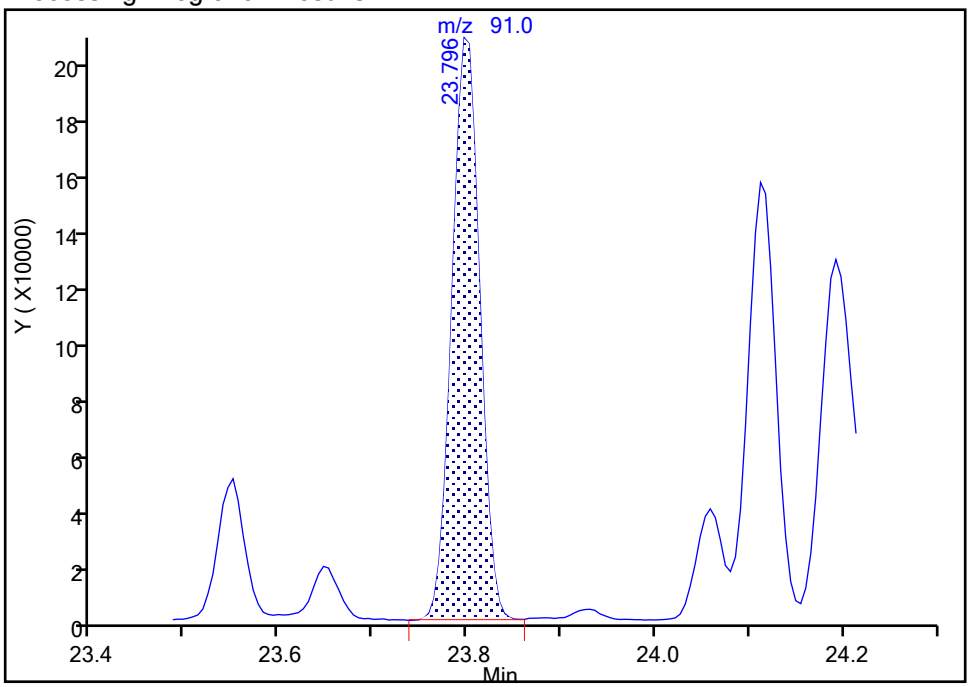
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d				
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

97 Benzyl chloride, CAS: 100-44-7

Signal: 1

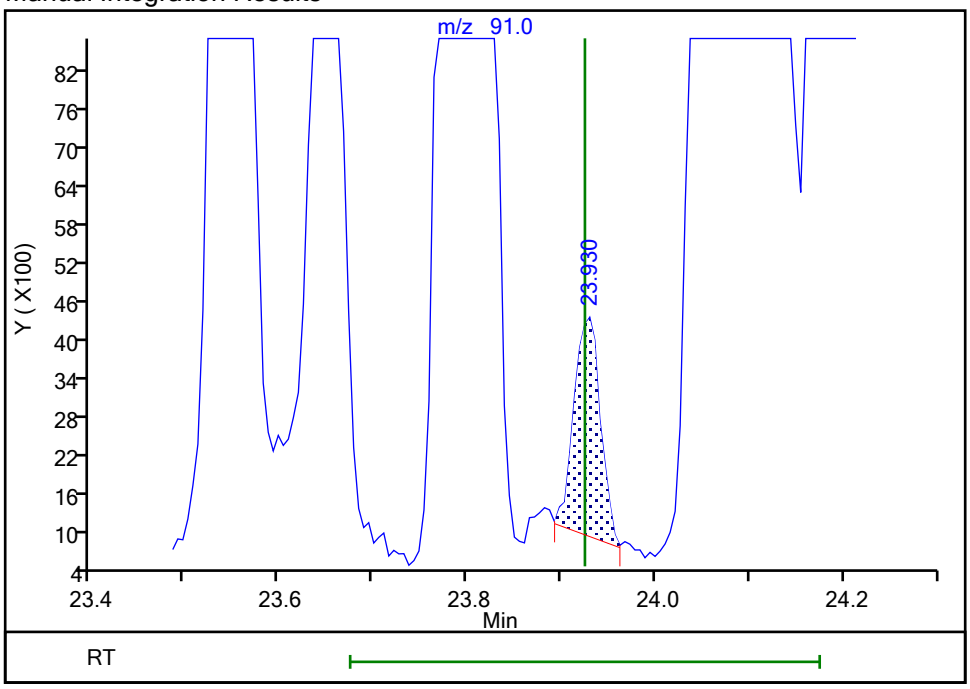
Processing Integration Results

RT: 23.80
Area: 415015
Amount: 3.011799
Amount Units: ppb v/v



Manual Integration Results

RT: 23.93
Area: 6638
Amount: 0.048173
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 11:50:42 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

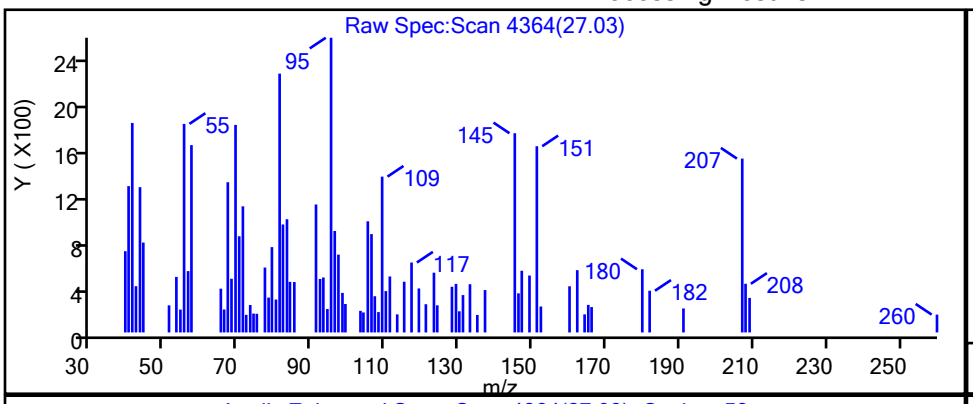
User Disabled Compound Report

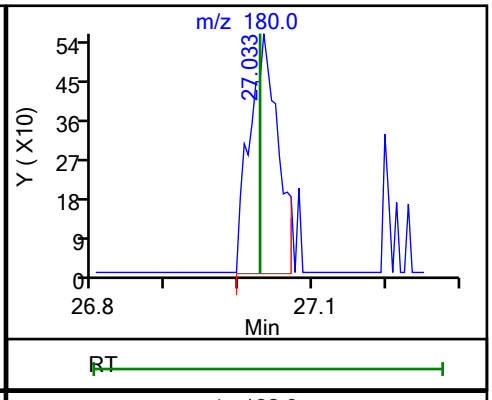
Eurofins Burlington

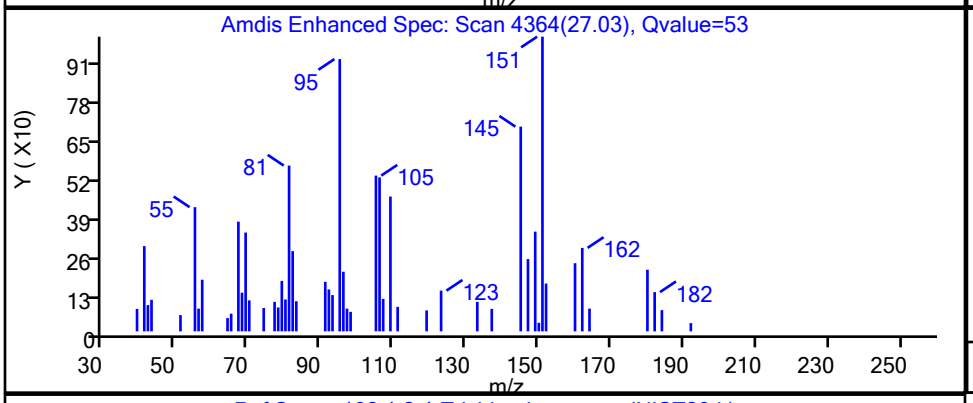
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-16.d				
Injection Date:	24-Jun-2025 23:34:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-5	Lab Sample ID:	200-78438-5		
Client ID:	RXSV-09				
Operator ID:	vtp	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

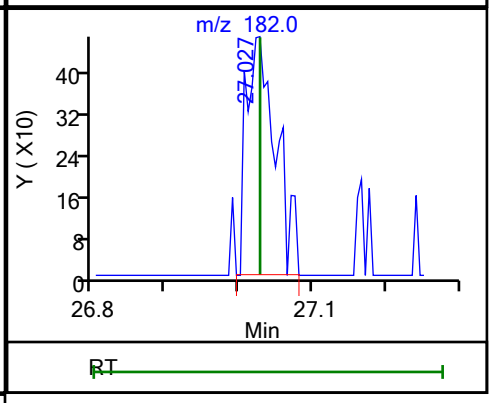
102 1,2,4-Trichlorobenzene, CAS: 120-82-1

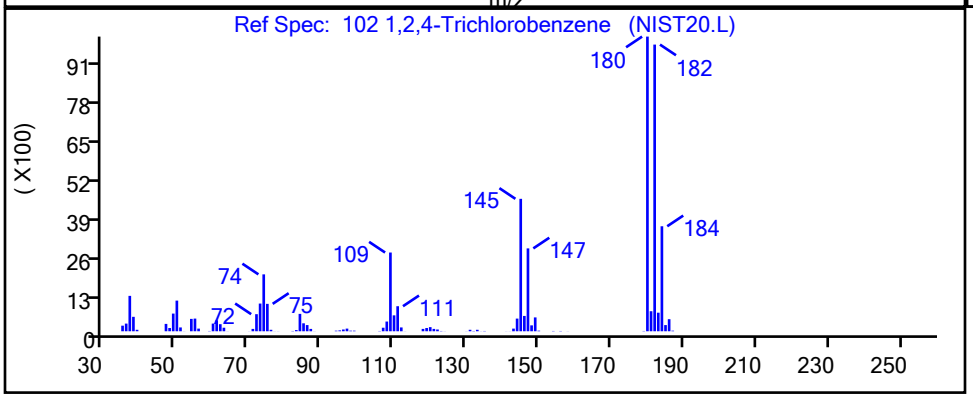
Processing Results











RT	Mass	Response	Amount
27.03	180.00	1479	0.017039
27.03	182.00	1307	

Reviewer: F7XK, 25-Jun-2025 11:51:07 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.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-09 DL Lab Sample ID: 200-78438-5 DL

Matrix: Air Lab File ID: 65709-17.d

Analysis Method: TO-15 Date Collected: 06/20/2025 13:27

Sample wt/vol: 16(mL) Date Analyzed: 06/25/2025 00:26

Soil Aliquot Vol: Dilution Factor: 12.5

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.: 217778 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	120.20	1500	D	12	5.0

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-09 DL Lab Sample ID: 200-78438-5 DL

Matrix: Air Lab File ID: 65709-17.d

Analysis Method: TO-15 Date Collected: 06/20/2025 13:27

Sample wt/vol: 16(mL) Date Analyzed: 06/25/2025 00:26

Soil Aliquot Vol: Dilution Factor: 12.5

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.: 217778 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	120.20	310	D	2.5	1.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-17.d
Lims ID: 200-78438-A-5 DL
Client ID: RXSV-09
Sample Type: Client
Inject. Date: 25-Jun-2025 00:26:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 200.000 mL Dil. Factor: 12.5000
Sample Info: 200-0065709-017
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 25-Jun-2025 12:48:07 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1719

First Level Reviewer: F7XK Date: 25-Jun-2025 12:48:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.200	4.202	-0.001	98	5349	0.0808	
3 Chlorodifluoromethane	51	4.238	4.240	0.000	96	7042	0.1838	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.538				ND	
5 Chloromethane	50		4.650				ND	7
6 Vinyl chloride	62		4.949				ND	
7 Butane	43	4.949	4.952	0.000	97	33319	1.19	
8 Butadiene	54	5.056	5.064	-0.006	29	1390	0.0866	
9 Bromomethane	94		5.805				ND	
10 Chloroethane	64		6.100				ND	
13 Vinyl bromide	106		6.570				ND	
14 Trichlorofluoromethane	101	6.752	6.755	0.000	98	39947	0.5867	
20 1,1-Dichloroethene	96		7.988				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.031				ND	
22 Acetone	43	8.079	8.066	0.016	96	230217	6.50	
23 Isopropyl alcohol	45	8.496	8.409	0.091	37	5027	0.1360	
24 Carbon disulfide	76	8.469	8.478	-0.006	98	9569	0.1114	
26 3-Chloro-1-propene	41		8.812				ND	
27 Methylene Chloride	49	9.090	9.094	0.000	90	2603	0.0828	
28 2-Methyl-2-propanol	59	9.347	9.324	0.027	99	116975	2.32	
31 Methyl tert-butyl ether	73	9.716	9.699	0.021	15	3005	0.0406	
30 trans-1,2-Dichloroethene	61		9.695				ND	
32 Hexane	57	10.304	10.304	0.005	91	14948	0.3530	
33 1,1-Dichloroethane	63		10.593				ND	7
36 2-Butanone (MEK)	72	11.775	11.690	0.090	87	965	0.0669	
37 cis-1,2-Dichloroethene	96		11.728				ND	
* 39 Chlorobromomethane	128	12.193	12.188	0.005	91	239043	10.0	
40 Tetrahydrofuran	42		12.236				ND	
41 Chloroform	83	12.385	12.385	0.005	95	110171	1.81	
42 1,1,1-Trichloroethane	97	12.738	12.738	0.010	73	1242	0.0204	M
43 Cyclohexane	84	12.888	12.894	-0.006	94	17239	0.4260	
44 Carbon tetrachloride	117		13.044				ND	
45 Benzene	78	13.418	13.412	0.005	95	34087	0.3518	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
46 1,2-Dichloroethane	62		13.488				ND	
47 Isooctane	57	13.643	13.643	0.000	100	53804	0.3845	
48 n-Heptane	43	13.969	13.969	0.000	91	22459	0.4837	
* 49 1,4-Difluorobenzene	114	14.194	14.194	0.000	94	1214269	10.0	
51 Trichloroethene	95	14.670	14.664	0.005	90	1404	0.0309	
53 1,2-Dichloropropane	63		15.146				ND	
54 Methyl methacrylate	69		15.216				ND	MU
55 1,4-Dioxane	88		15.274				ND	
58 Dichlorobromomethane	83	15.627	15.627	-0.006	1	4403	0.0680	M
59 cis-1,3-Dichloropropene	75		16.473				ND	
61 4-Methyl-2-pentanone (MIBK)	43	16.761	16.761	0.042	42	1930	0.0336	7M
62 Toluene	92	17.147	17.147	0.000	94	193725	2.84	
66 trans-1,3-Dichloropropene	75		17.553				ND	
67 1,1,2-Trichloroethane	83		17.949				ND	MU
68 Tetrachloroethene	166	18.179	18.179	0.000	97	20350	0.3143	
69 2-Hexanone	43		18.340				ND	MU
70 Chlorodibromomethane	129		18.720				ND	
71 Ethylene Dibromide	107		18.976				ND	
* 73 Chlorobenzene-d5	117	19.907	19.907	0.000	85	1130617	10.0	
74 Chlorobenzene	112		19.966				ND	
75 Ethylbenzene	91	20.153	20.148	0.005	98	210510	1.37	
76 m-Xylene & p-Xylene	106	20.394	20.405	-0.011	0	459609	7.59	
78 o-Xylene	106	21.111	21.111	0.000	99	283814	5.10	
79 Styrene	104		21.143				ND	MU
81 Bromoform	173		21.464				ND	
82 Isopropylbenzene	105	21.731	21.731	-0.001	98	192625	1.15	
83 1,1,2,2-Tetrachloroethane	83		22.192				ND	MU
85 N-Propylbenzene	91	22.389	22.389	-0.001	99	1128229	5.36	
86 2-Chlorotoluene	91		22.539				ND	MU
87 4-Ethyltoluene	105	22.571	22.571	0.000	99	1852606	10.7	
88 1,3,5-Trimethylbenzene	105	22.651	22.651	-0.001	94	1560185	10.7	
91 tert-Butylbenzene	119		23.117				ND	MU
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	97	3565536	24.6	
93 sec-Butylbenzene	105	23.438	23.438	0.000	97	56462	0.2598	M
94 1,3-Dichlorobenzene	146		23.631				ND	7
95 4-Isopropyltoluene	119	23.652	23.652	0.000	97	40308	0.2174	
96 1,4-Dichlorobenzene	146		23.775				ND	7
97 Benzyl chloride	91		23.925				ND	MU
98 n-Butylbenzene	91	24.251	24.251	0.000	97	77614	0.4640	
99 1,2-Dichlorobenzene	146		24.310				ND	
102 1,2,4-Trichlorobenzene	180		27.028				ND	7
103 Hexachlorobutadiene	225		27.295				ND	
104 Naphthalene	128	27.589	27.578	0.010	99	34773	0.2284	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

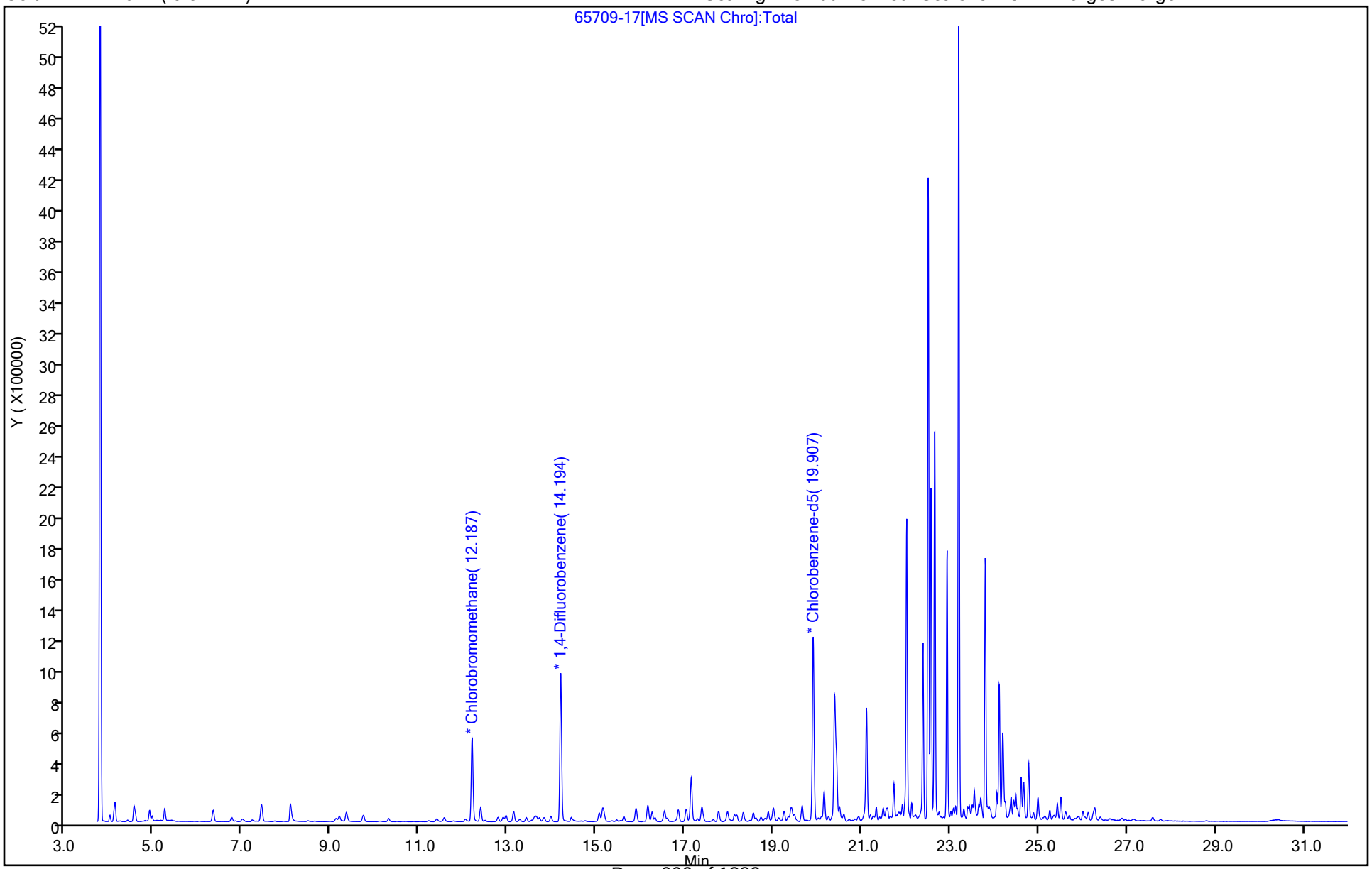
Report Date: 25-Jun-2025 12:48:07 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-17.d

Injection Date:	25-Jun-2025 00:26:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-78438-A-5 DL	Lab Sample ID:	200-78438-5	Worklist Smp#:	17
Client ID:	RXSV-09				
Purge Vol:	200.000 mL	Dil. Factor:	12.5000	ALS Bottle#:	16
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Report Date: 25-Jun-2025 12:48:08 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-17.d

Injection Date: 25-Jun-2025 00:26:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-5 DL Lab Sample ID: 200-78438-5

Client ID: RXSV-09

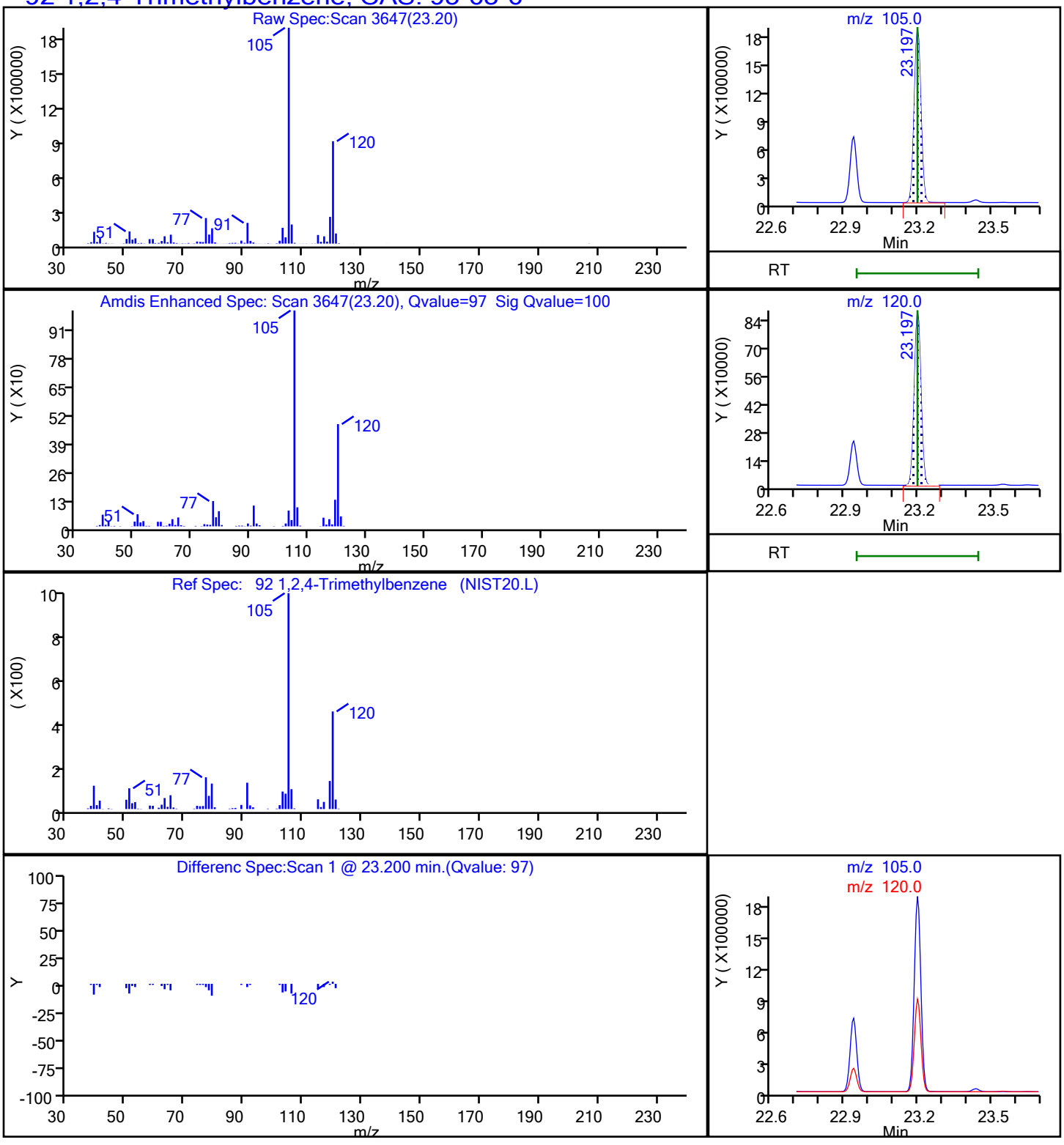
Operator ID: vtp ALS Bottle#: 16 Worklist Smp#: 17

Purge Vol: 200.000 mL Dil. Factor: 12.5000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

92 1,2,4-Trimethylbenzene, CAS: 95-63-6



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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-07 Lab Sample ID: 200-78438-6

Matrix: Air Lab File ID: 65728-26.d

Analysis Method: TO-15 Date Collected: 06/20/2025 16:15

Sample wt/vol: 83(mL) Date Analyzed: 06/26/2025 05:29

Soil Aliquot Vol: Dilution Factor: 200

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.: 217812 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	660		490	220
75-45-6	Chlorodifluoromethane	86.47	4700		350	250
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	280	U	280	110
74-87-3	Chloromethane	50.49	210	U	210	140
106-97-8	n-Butane	58.12	19000		240	150
75-01-4	Vinyl chloride	62.50	40	U	40	15
106-99-0	1,3-Butadiene	54.09	88	U	88	18
74-83-9	Bromomethane	94.94	160	U	160	48
75-00-3	Chloroethane	64.52	260		260	84
593-60-2	Bromoethene(Vinyl Bromide)	106.96	170	U	170	42
75-69-4	Trichlorofluoromethane	137.37	220	U	220	87
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	310	U	310	87
75-35-4	1,1-Dichloroethene	96.94	40	U	40	28
67-64-1	Acetone	58.08	2400	U	2400	900
67-63-0	Isopropyl alcohol	60.10	2500	U	2500	1100
75-15-0	Carbon disulfide	76.14	310	U	310	110
107-05-1	3-Chloropropene	76.53	310	U	310	51
75-09-2	Methylene Chloride	84.93	350	U	350	130
75-65-0	tert-Butyl alcohol	74.12	3000	U	3000	970
1634-04-4	Methyl tert-butyl ether	88.15	720		140	48
156-60-5	trans-1,2-Dichloroethene	96.94	150	J	160	16
110-54-3	*n-Hexane*	*86.17*	*61000*	*E*	*350*	*110*
75-34-3	1,1-Dichloroethane	98.96	160	U	160	15
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	290	U	290	83
156-59-2	cis-1,2-Dichloroethene	96.94	40	U	40	25
67-66-3	Chloroform	119.38	200	U	200	58
109-99-9	Tetrahydrofuran	72.11	2900	U	2900	1000
71-55-6	1,1,1-Trichloroethane	133.41	220	U	220	80
110-82-7	*Cyclohexane*	*84.16*	*52000*	*E*	*140*	*36*
56-23-5	Carbon tetrachloride	153.81	44	U	44	30

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

Lab Name: Eurofins Burlington | Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-07 | Lab Sample ID: 200-78438-6

Matrix: Air | Lab File ID: 65728-26.d

Analysis Method: TO-15 | Date Collected: 06/20/2025 16:15

Sample wt/vol: 83(mL) | Date Analyzed: 06/26/2025 05:29

Soil Aliquot Vol: | Dilution Factor: 200

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.: 217812 | Units: ug/m3

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	*2,2,4-Trimethylpentane*	*114.23*	*57000*	*E*	*190*	*66*
71-43-2	Benzene	78.11	5000		130	33
107-06-2	1,2-Dichloroethane	98.96	160	U	160	60
142-82-5	n-Heptane	100.21	19000		160	70
79-01-6	Trichloroethene	131.39	40	U	40	31
80-62-6	Methyl methacrylate	100.12	410	U	410	110
78-87-5	1,2-Dichloropropane	112.99	180	U	180	51
123-91-1	1,4-Dioxane	88.11	3600	U	3600	140
75-27-4	Bromodichloromethane	163.83	270	U	270	78
10061-01-5	cis-1,3-Dichloropropene	110.97	180	U	180	51
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	410	U	410	160
108-88-3	Toluene	92.14	460		150	41
10061-02-6	trans-1,3-Dichloropropene	110.97	180	U	180	56
79-00-5	1,1,2-Trichloroethane	133.41	220	U	220	58
127-18-4	Tetrachloroethene	165.83	95	J	270	49
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	410	U	410	160
124-48-1	Dibromochloromethane	208.28	340	U	340	90
106-93-4	1,2-Dibromoethane	187.87	310	U	310	69
108-90-7	Chlorobenzene	112.56	180	U	180	43
100-41-4	Ethylbenzene	106.17	170	U	170	44
179601-23-1	m,p-Xylene	106.17	990		430	12
95-47-6	o-Xylene	106.17	470		170	60
100-42-5	Styrene	104.15	170	U	170	48
75-25-2	Bromoform	252.75	410	U	410	120
98-82-8	Cumene	120.19	1700		200	71
79-34-5	1,1,2,2-Tetrachloroethane	167.85	270	U	270	84
103-65-1	n-Propylbenzene	120.19	1400		200	61
622-96-8	4-Ethyltoluene	120.20	760		200	67
108-67-8	1,3,5-Trimethylbenzene	120.20	870		200	67
95-49-8	2-Chlorotoluene	126.59	210	U	210	60

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-07 Lab Sample ID: 200-78438-6

Matrix: Air Lab File ID: 65728-26.d

Analysis Method: TO-15 Date Collected: 06/20/2025 16:15

Sample wt/vol: 83(mL) Date Analyzed: 06/26/2025 05:29

Soil Aliquot Vol: Dilution Factor: 200

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.: 217812 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
98-06-6	tert-Butylbenzene	134.22	110	J	220	77
95-63-6	1,2,4-Trimethylbenzene	120.20	1900		200	81
135-98-8	sec-Butylbenzene	134.22	660		220	79
99-87-6	4-Isopropyltoluene	134.22	220	U	220	86
541-73-1	1,3-Dichlorobenzene	147.00	240	U	240	76
106-46-7	1,4-Dichlorobenzene	147.00	240	U	240	84
100-44-7	Benzyl chloride	126.58	210	U	210	77
104-51-8	n-Butylbenzene	134.22	220	U	220	77
95-50-1	1,2-Dichlorobenzene	147.00	240	U	240	79
120-82-1	1,2,4-Trichlorobenzene	181.45	740	U	740	450
87-68-3	Hexachlorobutadiene	260.76	430	U	430	170
91-20-3	Naphthalene	128.17	400	U	400	120

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-07 Lab Sample ID: 200-78438-6

Matrix: Air Lab File ID: 65728-26.d

Analysis Method: TO-15 Date Collected: 06/20/2025 16:15

Sample wt/vol: 83(mL) Date Analyzed: 06/26/2025 05:29

Soil Aliquot Vol: Dilution Factor: 200

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.: 217812 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	130		100	44
75-45-6	Chlorodifluoromethane	86.47	1300		100	72
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	40	U	40	15
74-87-3	Chloromethane	50.49	100	U	100	66
106-97-8	n-Butane	58.12	8000		100	62
75-01-4	Vinyl chloride	62.50	16	U	16	5.8
106-99-0	1,3-Butadiene	54.09	40	U	40	8.0
74-83-9	Bromomethane	94.94	40	U	40	12
75-00-3	Chloroethane	64.52	97		100	32
593-60-2	Bromoethene(Vinyl Bromide)	106.96	40	U	40	9.6
75-69-4	Trichlorofluoromethane	137.37	40	U	40	15
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	40	U	40	11
75-35-4	1,1-Dichloroethene	96.94	10	U	10	7.0
67-64-1	Acetone	58.08	1000	U	1000	380
67-63-0	Isopropyl alcohol	60.10	1000	U	1000	440
75-15-0	Carbon disulfide	76.14	100	U	100	36
107-05-1	3-Chloropropene	76.53	100	U	100	16
75-09-2	Methylene Chloride	84.93	100	U	100	38
75-65-0	tert-Butyl alcohol	74.12	1000	U	1000	320
1634-04-4	Methyl tert-butyl ether	88.15	200		40	13
156-60-5	trans-1,2-Dichloroethene	96.94	38	J	40	4.0
110-54-3	*n-Hexane*	*86.17*	*17000*	*E*	*100*	*32*
75-34-3	1,1-Dichloroethane	98.96	40	U	40	3.6
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	100	U	100	28
156-59-2	cis-1,2-Dichloroethene	96.94	10	U	10	6.4
67-66-3	Chloroform	119.38	40	U	40	12
109-99-9	Tetrahydrofuran	72.11	1000	U	1000	340
71-55-6	1,1,1-Trichloroethane	133.41	40	U	40	15
110-82-7	*Cyclohexane*	*84.16*	*15000*	*E*	*40*	*10*
56-23-5	Carbon tetrachloride	153.81	7.0	U	7.0	4.8

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-07 Lab Sample ID: 200-78438-6

Matrix: Air Lab File ID: 65728-26.d

Analysis Method: TO-15 Date Collected: 06/20/2025 16:15

Sample wt/vol: 83(mL) Date Analyzed: 06/26/2025 05:29

Soil Aliquot Vol: Dilution Factor: 200

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.: 217812 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	*2,2,4-Trimethylpentane*	*114.23*	*12000*	*E*	*40*	*14*
71-43-2	Benzene	78.11	1600		40	10
107-06-2	1,2-Dichloroethane	98.96	40	U	40	15
142-82-5	n-Heptane	100.21	4700		40	17
79-01-6	Trichloroethene	131.39	7.4	U	7.4	5.8
80-62-6	Methyl methacrylate	100.12	100	U	100	26
78-87-5	1,2-Dichloropropane	112.99	40	U	40	11
123-91-1	1,4-Dioxane	88.11	1000	U	1000	38
75-27-4	Bromodichloromethane	163.83	40	U	40	12
10061-01-5	cis-1,3-Dichloropropene	110.97	40	U	40	11
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	100	U	100	38
108-88-3	Toluene	92.14	120		40	11
10061-02-6	trans-1,3-Dichloropropene	110.97	40	U	40	12
79-00-5	1,1,2-Trichloroethane	133.41	40	U	40	11
127-18-4	Tetrachloroethene	165.83	14	J	40	7.2
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	100	U	100	40
124-48-1	Dibromochloromethane	208.28	40	U	40	11
106-93-4	1,2-Dibromoethane	187.87	40	U	40	9.0
108-90-7	Chlorobenzene	112.56	40	U	40	9.4
100-41-4	Ethylbenzene	106.17	40	U	40	10
179601-23-1	m,p-Xylene	106.17	230		100	2.8
95-47-6	o-Xylene	106.17	110		40	14
100-42-5	Styrene	104.15	40	U	40	11
75-25-2	Bromoform	252.75	40	U	40	12
98-82-8	Cumene	120.19	360		40	14
79-34-5	1,1,2,2-Tetrachloroethane	167.85	40	U	40	12
103-65-1	n-Propylbenzene	120.19	280		40	12
622-96-8	4-Ethyltoluene	120.20	150		40	14
108-67-8	1,3,5-Trimethylbenzene	120.20	180		40	14
95-49-8	2-Chlorotoluene	126.59	40	U	40	12

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-07 Lab Sample ID: 200-78438-6

Matrix: Air Lab File ID: 65728-26.d

Analysis Method: TO-15 Date Collected: 06/20/2025 16:15

Sample wt/vol: 83(mL) Date Analyzed: 06/26/2025 05:29

Soil Aliquot Vol: Dilution Factor: 200

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.: 217812 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
98-06-6	tert-Butylbenzene	134.22	21	J	40	14
95-63-6	1,2,4-Trimethylbenzene	120.20	380		40	16
135-98-8	sec-Butylbenzene	134.22	120		40	14
99-87-6	4-Isopropyltoluene	134.22	40	U	40	16
541-73-1	1,3-Dichlorobenzene	147.00	40	U	40	13
106-46-7	1,4-Dichlorobenzene	147.00	40	U	40	14
100-44-7	Benzyl chloride	126.58	40	U	40	15
104-51-8	n-Butylbenzene	134.22	40	U	40	14
95-50-1	1,2-Dichlorobenzene	147.00	40	U	40	13
120-82-1	1,2,4-Trichlorobenzene	181.45	100	U	100	60
87-68-3	Hexachlorobutadiene	260.76	40	U	40	16
91-20-3	Naphthalene	128.17	76	U	76	22

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d
Lims ID: 200-78438-A-6
Client ID: RXSV-07
Sample Type: Client
Inject. Date: 26-Jun-2025 05:29:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 200.000 mL Dil. Factor: 200.0000
Sample Info: 200-0065728-026
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jun-2025 08:55:03 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1701

First Level Reviewer: BKZ7 Date: 26-Jun-2025 08:55:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.206	4.200	0.006	97	42511	0.6656	
3 Chlorodifluoromethane	51	4.243	4.243	0.000	97	244754	6.62	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.543				ND	MU
5 Chloromethane	50		4.655				ND	MU
6 Vinyl chloride	62		4.949				ND	MU
7 Butane	43	4.955	4.955	0.000	98	1080956	40.0	
8 Butadiene	54		5.062				ND	MU
9 Bromomethane	94		5.805				ND	
10 Chloroethane	64	6.105	6.100	0.005	97	7302	0.4837	M
13 Vinyl bromide	106		6.570				ND	
14 Trichlorofluoromethane	101		6.758				ND	
20 1,1-Dichloroethene	96		7.988				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.036				ND	
22 Acetone	43		8.063				ND	MU
23 Isopropyl alcohol	45		8.411				ND	
24 Carbon disulfide	76	8.475	8.480	-0.005	99	6253	0.0754	
26 3-Chloro-1-propene	41		8.817				ND	
27 Methylene Chloride	49		9.095				ND	MU
28 2-Methyl-2-propanol	59		9.326				ND	7
31 Methyl tert-butyl ether	73	9.721	9.695	0.026	83	71095	1.00	
30 trans-1,2-Dichloroethene	61	9.711	9.700	0.011	53	7452	0.1920	
32 Hexane	57	10.304	10.299	0.005	89	3551824	86.9	E
33 1,1-Dichloroethane	63		10.593				ND	MU
36 2-Butanone (MEK)	72		11.685				ND	
37 cis-1,2-Dichloroethene	96		11.728				ND	MU
* 39 Chlorobromomethane	128	12.188	12.188	0.000	85	230728	10.0	
40 Tetrahydrofuran	42		12.241				ND	
41 Chloroform	83		12.386				ND	MU
42 1,1,1-Trichloroethane	97		12.728				ND	
43 Cyclohexane	84	12.894	12.894	0.000	97	3069779	75.4	E
44 Carbon tetrachloride	117		13.044				ND	
45 Benzene	78	13.413	13.413	0.000	94	760166	7.80	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
46 1,2-Dichloroethane	62		13.488				ND	MU
47 Isooctane	57	13.648	13.643	0.005	99	8567131	60.9	E
48 n-Heptane	43	13.969	13.969	0.000	89	1105557	23.7	
* 49 1,4-Difluorobenzene	114	14.194	14.194	0.000	93	1221516	10.0	
51 Trichloroethene	95		14.670				ND	7
53 1,2-Dichloropropane	63		15.146				ND	MU
54 Methyl methacrylate	69		15.221				ND	MU
55 1,4-Dioxane	88		15.274				ND	
58 Dichlorobromomethane	83		15.633				ND	
59 cis-1,3-Dichloropropene	75		16.473				ND	7
61 4-Methyl-2-pentanone (MIBK)	43		16.719				ND	MU
62 Toluene	92	17.141	17.142	-0.006	92	39893	0.6144	
66 trans-1,3-Dichloropropene	75		17.559				ND	7
67 1,1,2-Trichloroethane	83		17.949				ND	MU
68 Tetrachloroethene	166	18.179	18.174	0.000	75	4316	0.0700	
69 2-Hexanone	43		18.345				ND	MU
70 Chlorodibromomethane	129		18.720				ND	MU
71 Ethylene Dibromide	107		18.982				ND	MU
* 73 Chlorobenzene-d5	117	19.902	19.907	-0.005	85	1076280	10.0	
74 Chlorobenzene	112		19.966				ND	MU
75 Ethylbenzene	91		20.153				ND	MU
76 m-Xylene & p-Xylene	106	20.399	20.399	-0.006	0	65642	1.14	
78 o-Xylene	106	21.116	21.105	0.005	96	28611	0.5396	
79 Styrene	104		21.143				ND	MU
81 Bromoform	173		21.464				ND	
82 Isopropylbenzene	105	21.726	21.726	-0.005	98	282479	1.78	
83 1,1,2,2-Tetrachloroethane	83		22.192				ND	MU
85 N-Propylbenzene	91	22.389	22.383	-0.001	100	277796	1.39	
86 2-Chlorotoluene	91		22.539				ND	MU
87 4-Ethyltoluene	105	22.571	22.565	0.000	99	126843	0.7704	
88 1,3,5-Trimethylbenzene	105	22.652	22.645	0.000	93	123530	0.8883	
91 tert-Butylbenzene	119	23.117	23.111	0.000	91	14216	0.1031	
92 1,2,4-Trimethylbenzene	105	23.197	23.191	0.000	98	260846	1.89	
93 sec-Butylbenzene	105	23.433	23.432	-0.005	99	123684	0.5979	
94 1,3-Dichlorobenzene	146		23.631				ND	7
95 4-Isopropyltoluene	119		23.647				ND	MU
96 1,4-Dichlorobenzene	146		23.775				ND	7
97 Benzyl chloride	91		23.925				ND	
98 n-Butylbenzene	91		24.251				ND	
99 1,2-Dichlorobenzene	146		24.310				ND	7
102 1,2,4-Trichlorobenzene	180	27.038	27.020	0.010	92	2064	0.0272	
103 Hexachlorobutadiene	225	27.295	27.293	-0.006	85	1916	0.0228	
104 Naphthalene	128	27.589	27.571	0.010	98	5153	0.0356	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

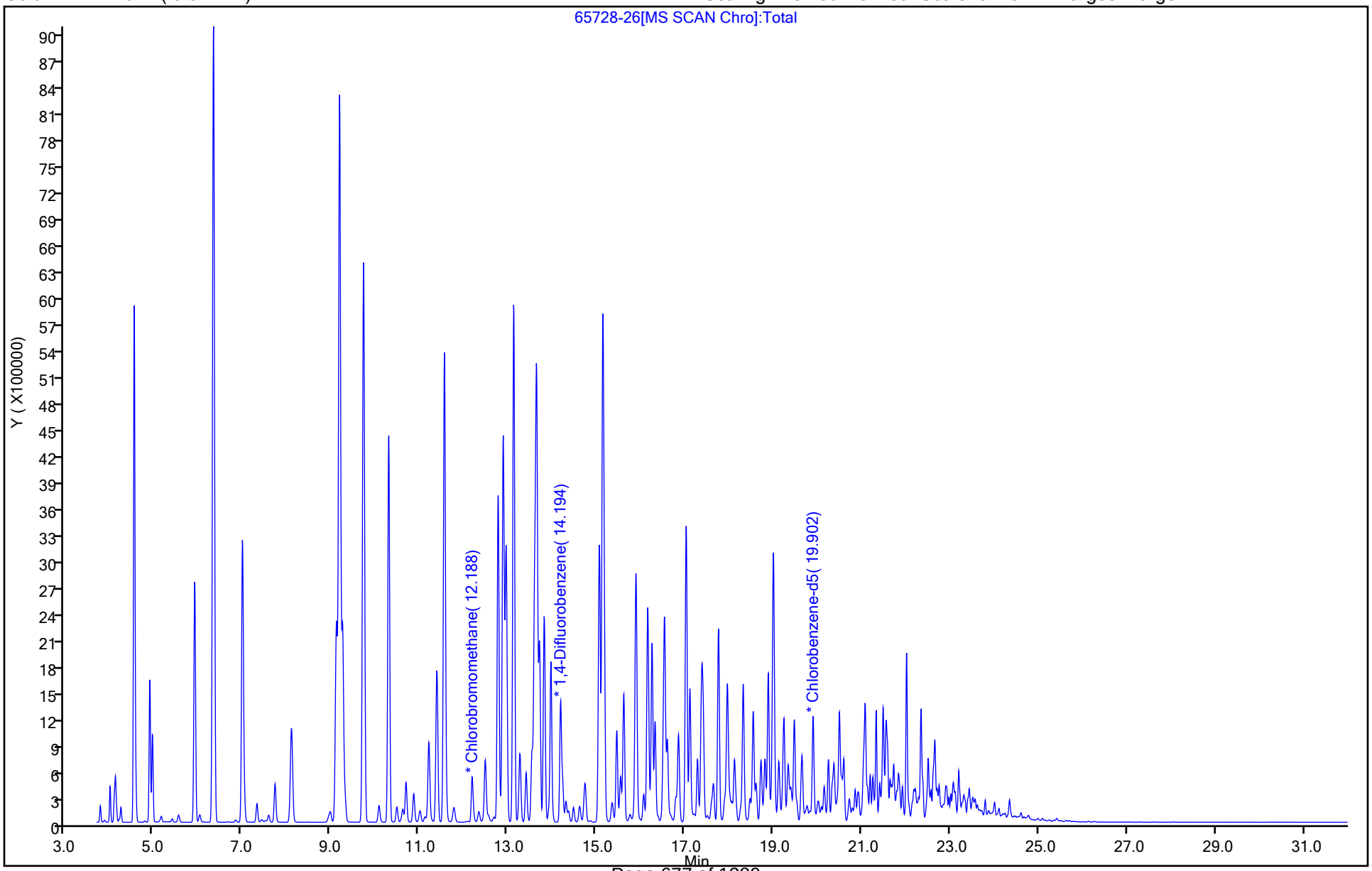
ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 26-Jun-2025 08:55:03 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d				
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6	Worklist Smp#:	26
Client ID:	RXSV-07				
Purge Vol:	200.000 mL	Dil. Factor:	200.0000	ALS Bottle#:	25
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



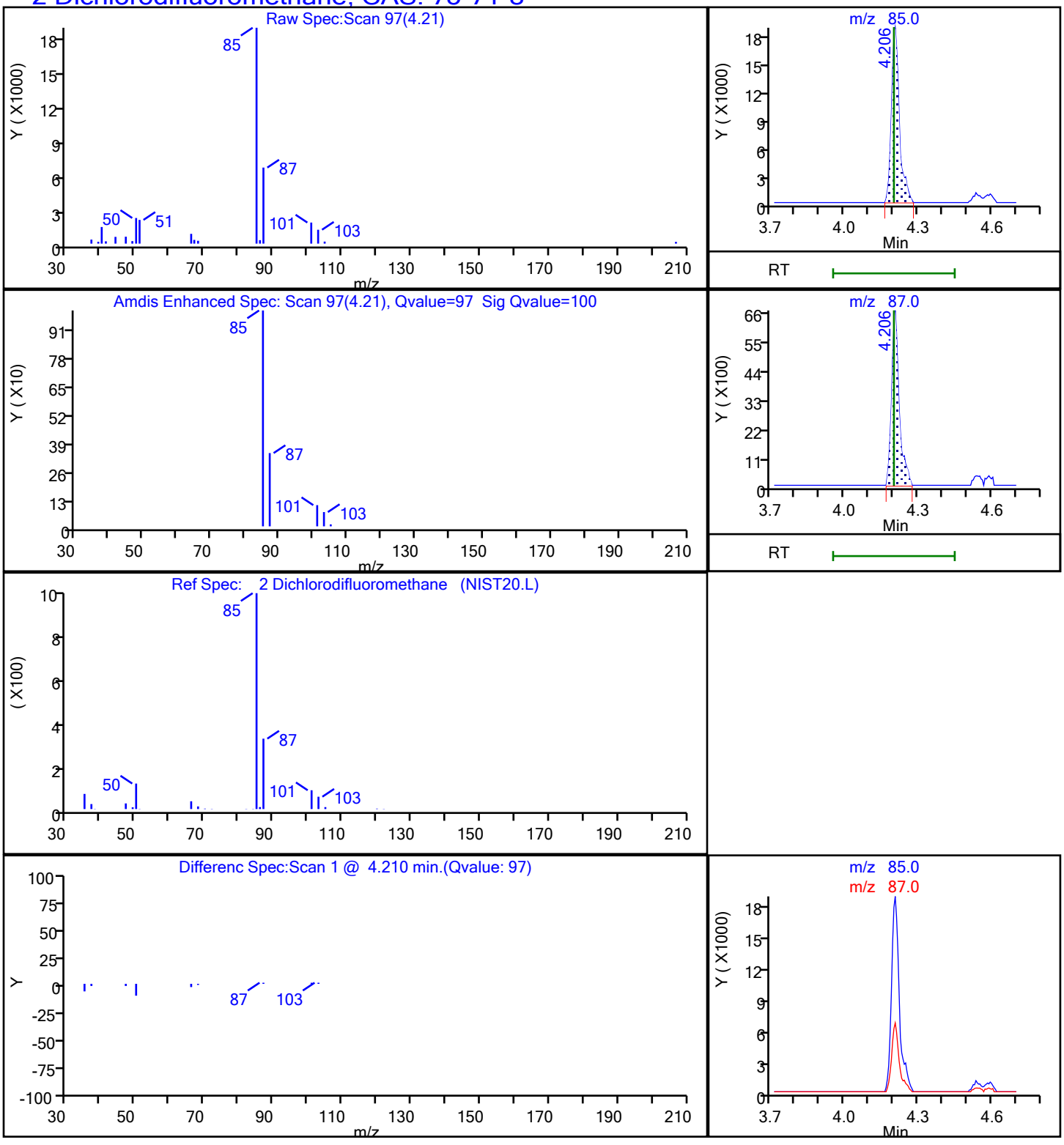
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d

Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

2 Dichlorodifluoromethane, CAS: 75-71-8



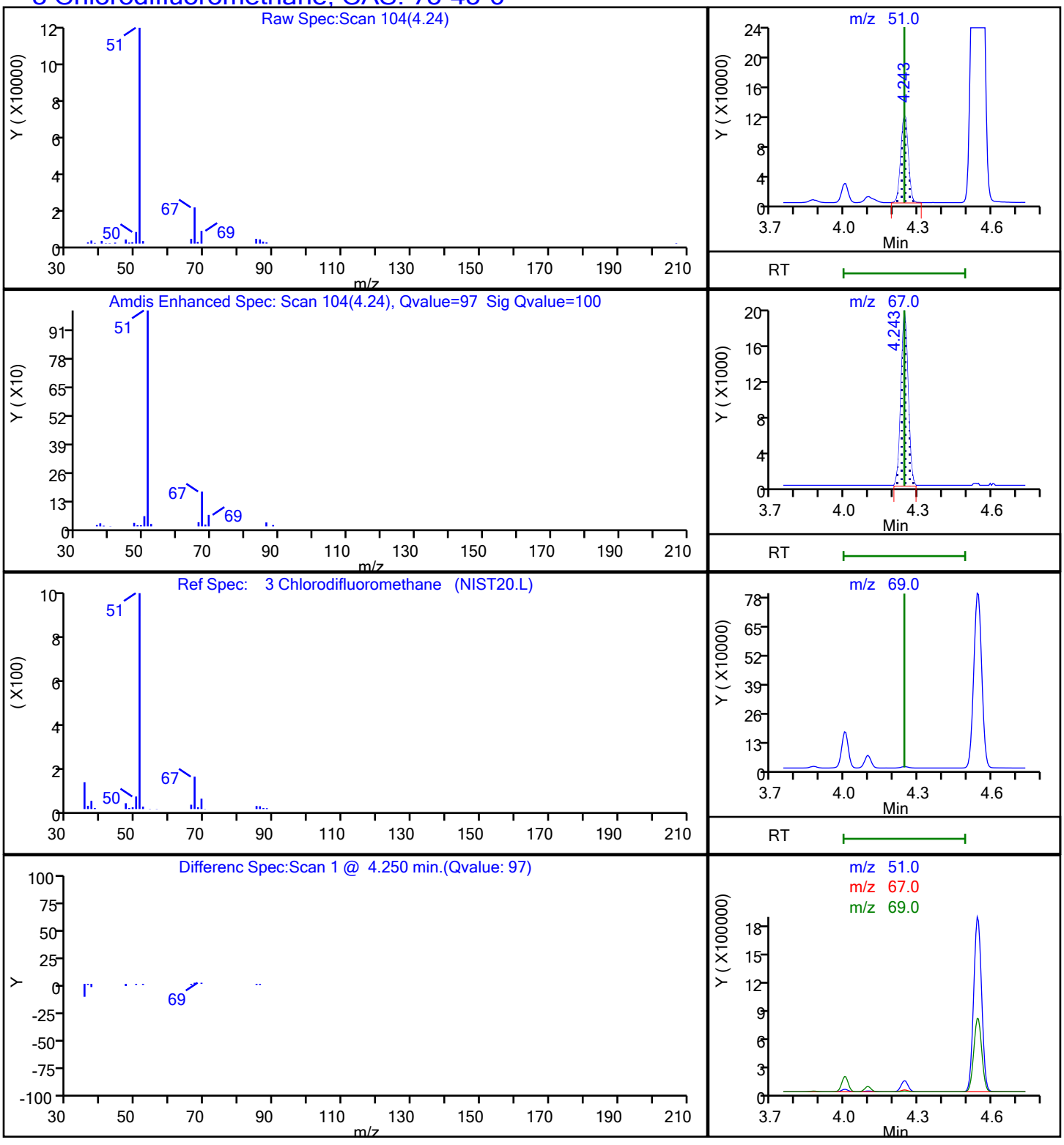
Report Date: 26-Jun-2025 08:55:03 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d

Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6



Report Date: 26-Jun-2025 08:55:03 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d

Injection Date: 26-Jun-2025 05:29:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-6 Lab Sample ID: 200-78438-6

Client ID: RXSV-07

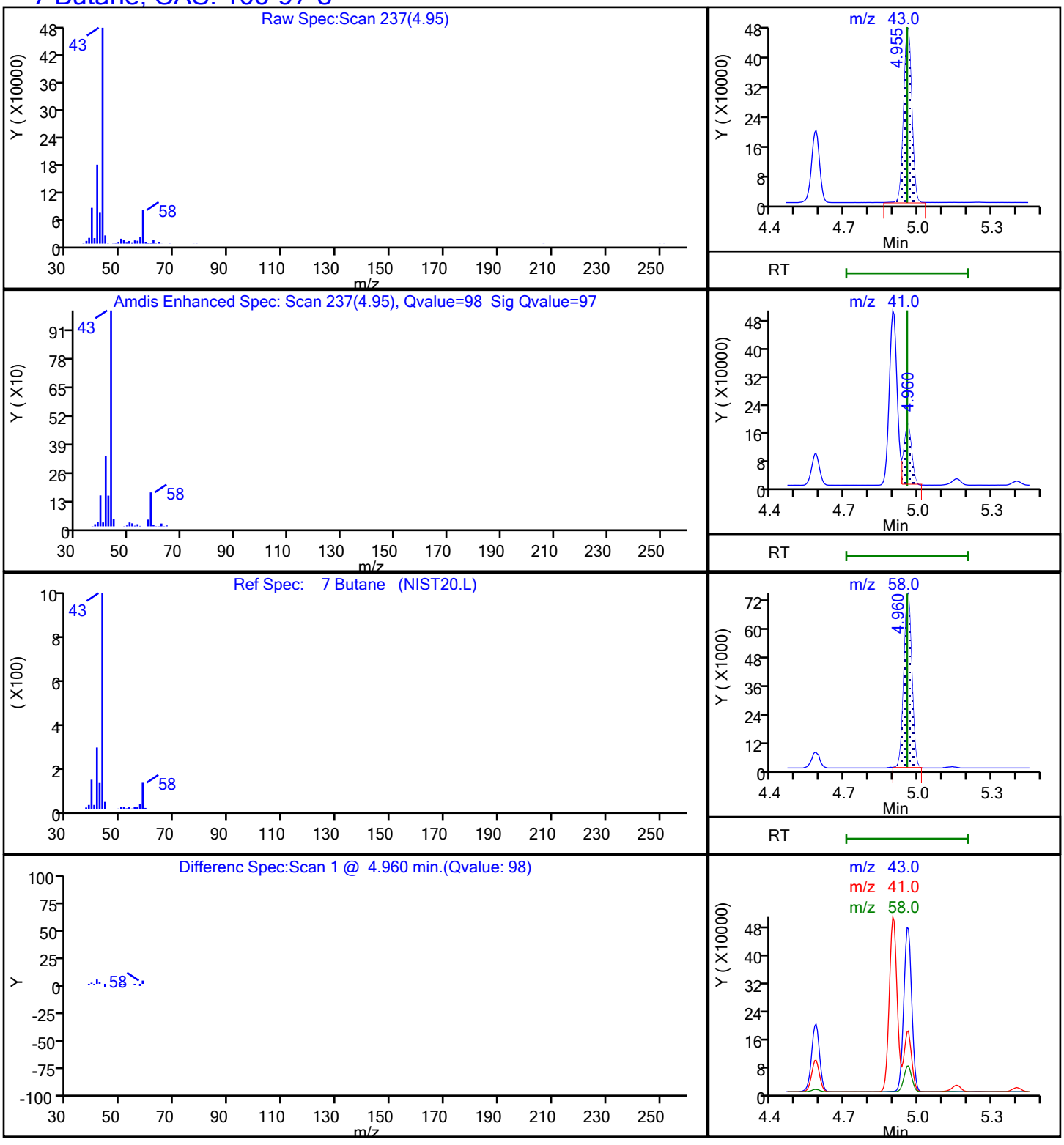
Operator ID: vtp ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 200.000 mL Dil. Factor: 200.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

7 Butane, CAS: 106-97-8



Report Date: 26-Jun-2025 08:55:03 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d

Injection Date: 26-Jun-2025 05:29:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-6 Lab Sample ID: 200-78438-6

Client ID: RXSV-07

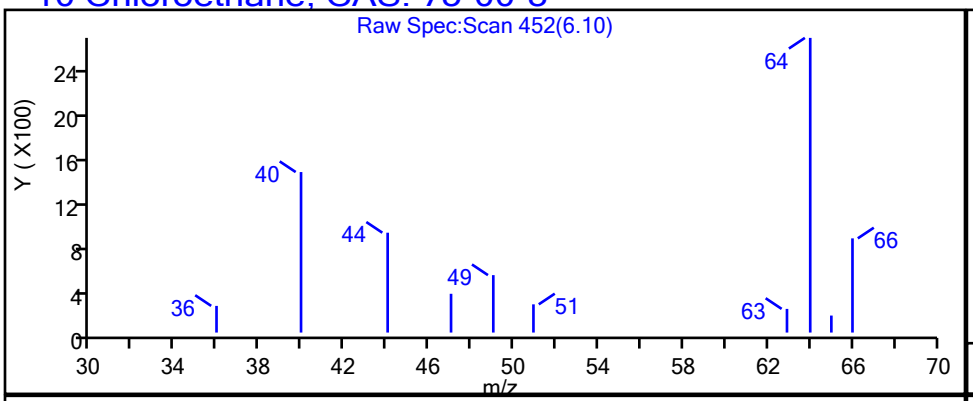
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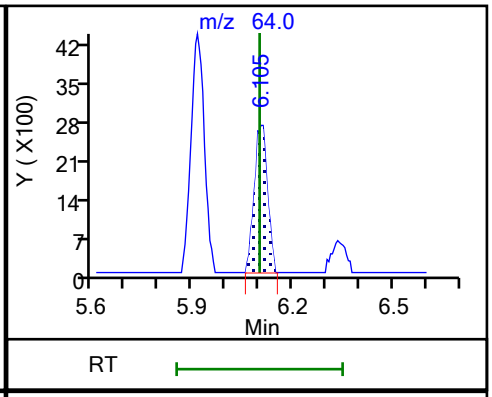
Purge Vol: 200.000 mL Dil. Factor: 200.0000

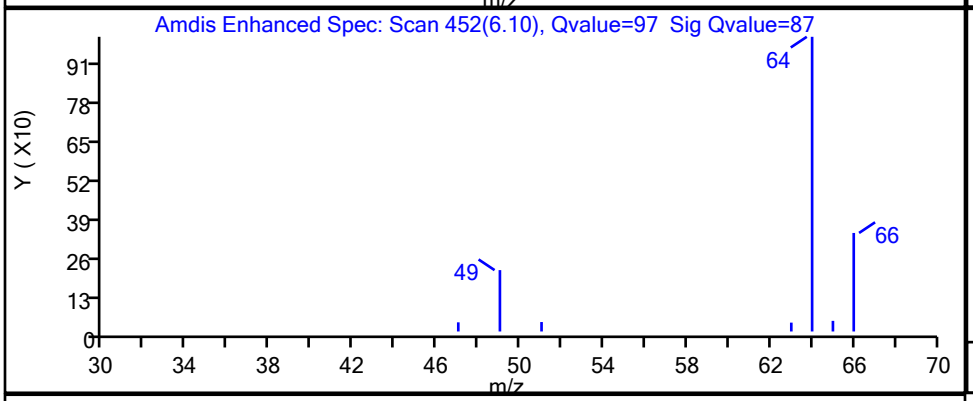
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

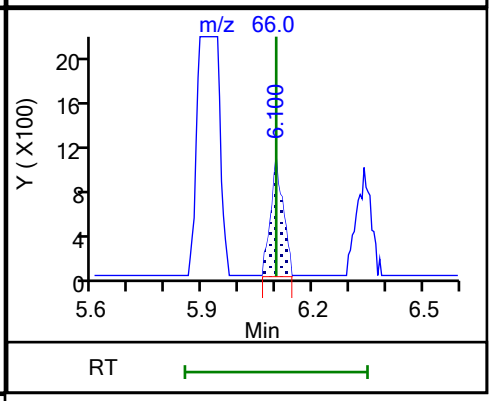
Column: RTX-624 (0.32 mm) Detector MS SCAN

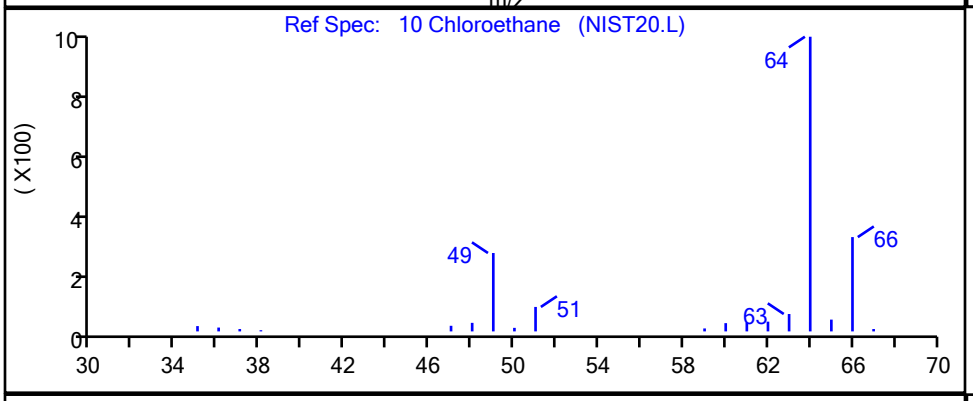
10 Chloroethane, CAS: 75-00-3

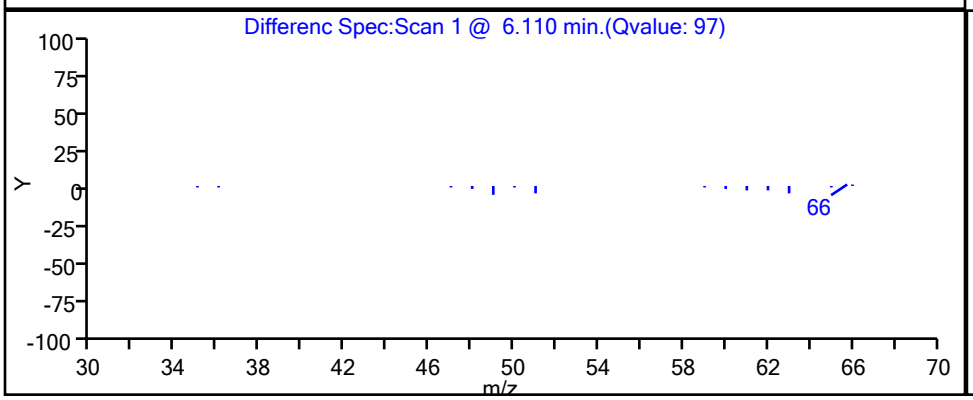


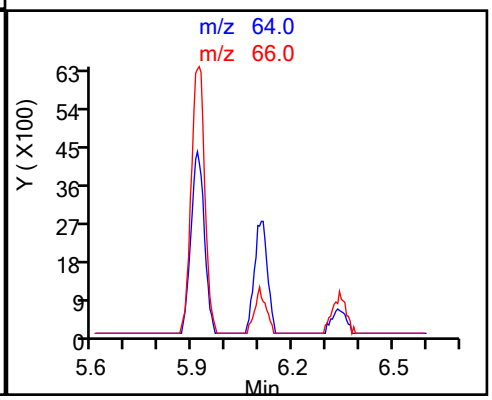










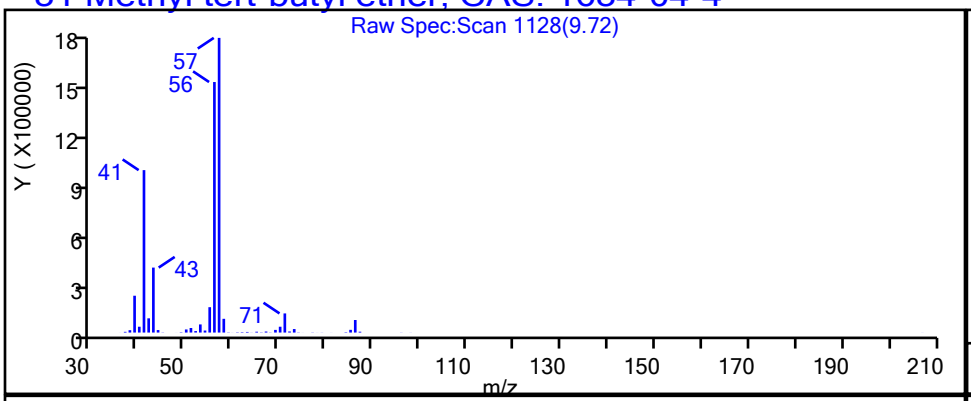


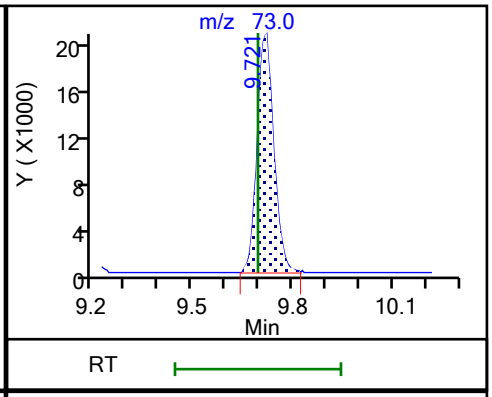
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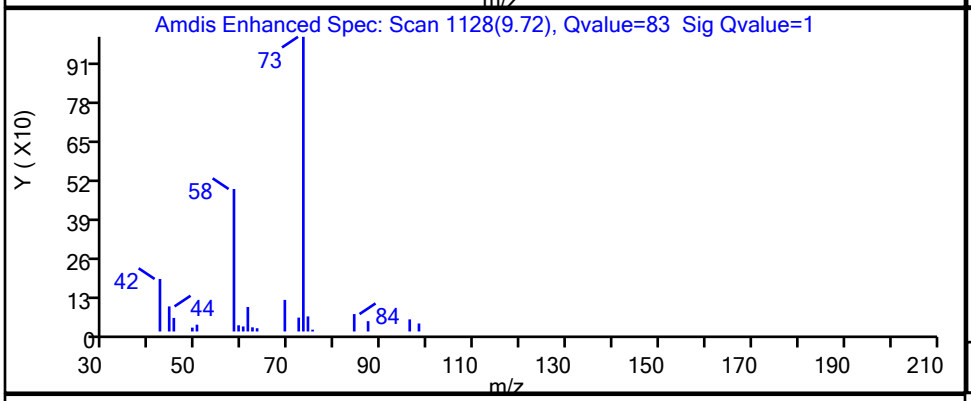
Eurofins Burlington

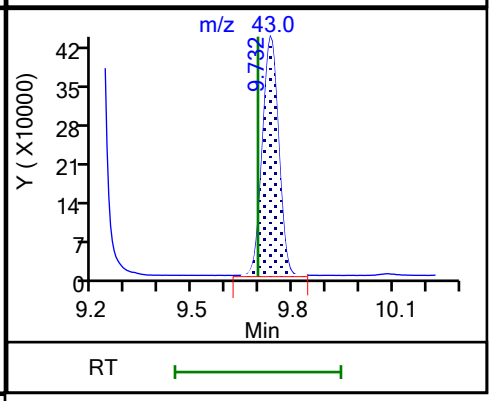
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Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

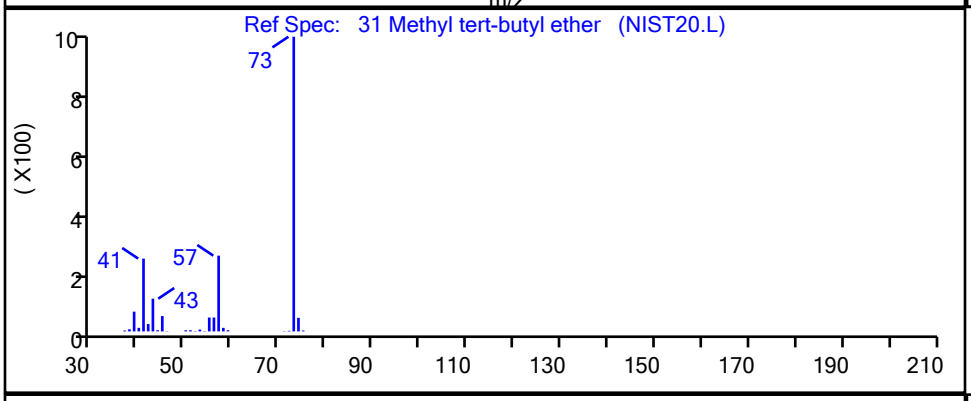
31 Methyl tert-butyl ether, CAS: 1634-04-4

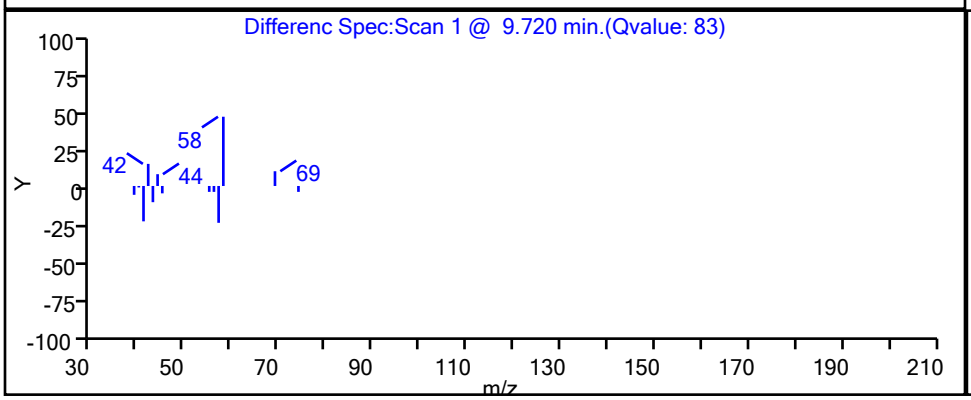


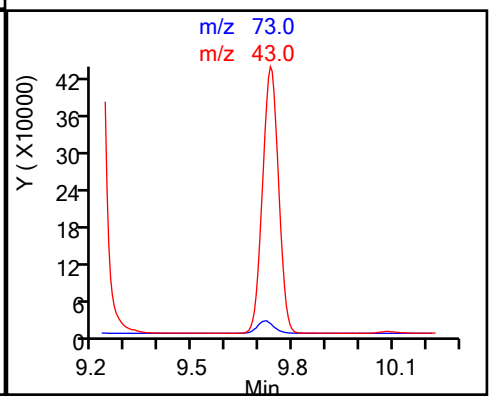












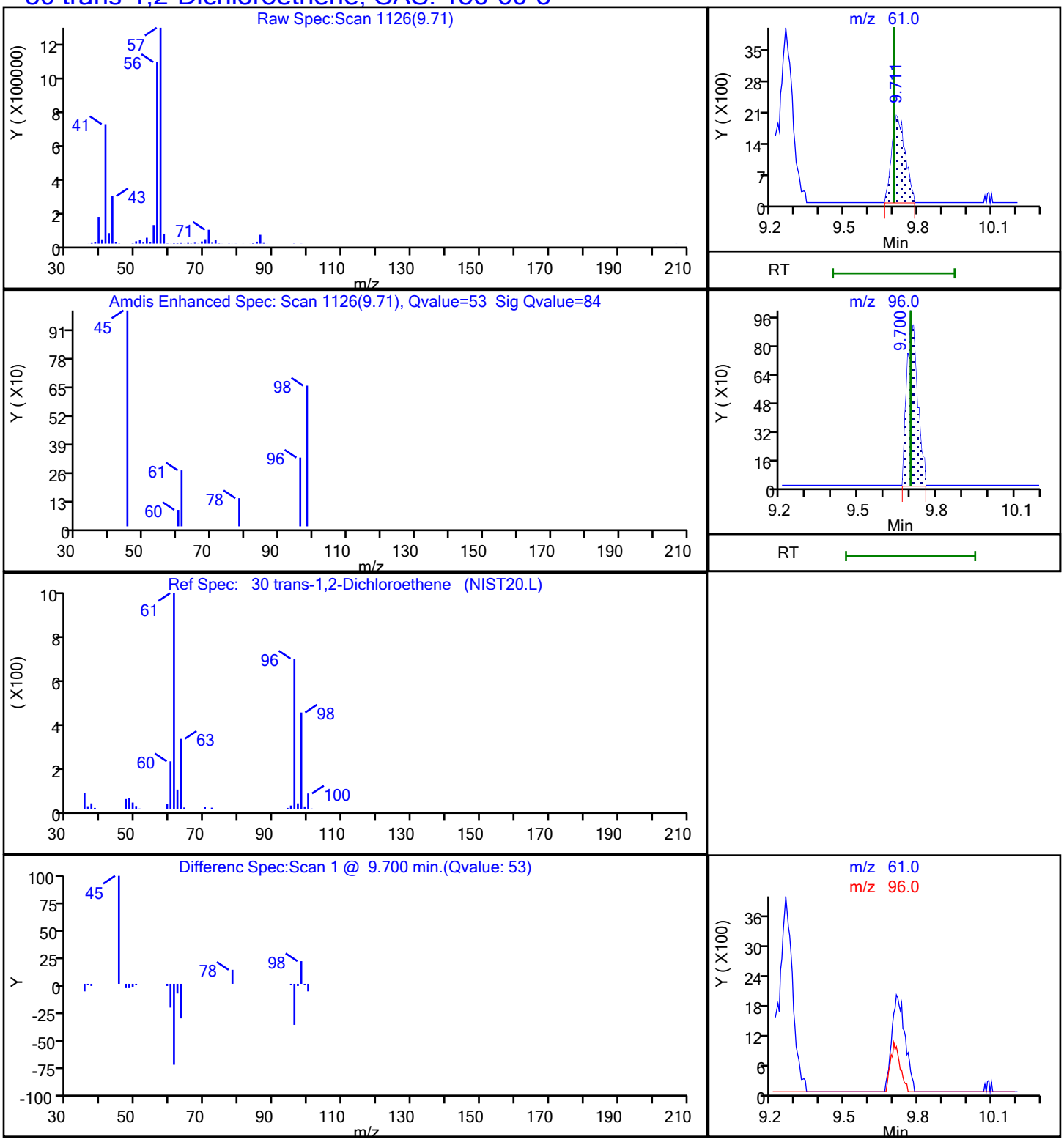
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Eurofins Burlington

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Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



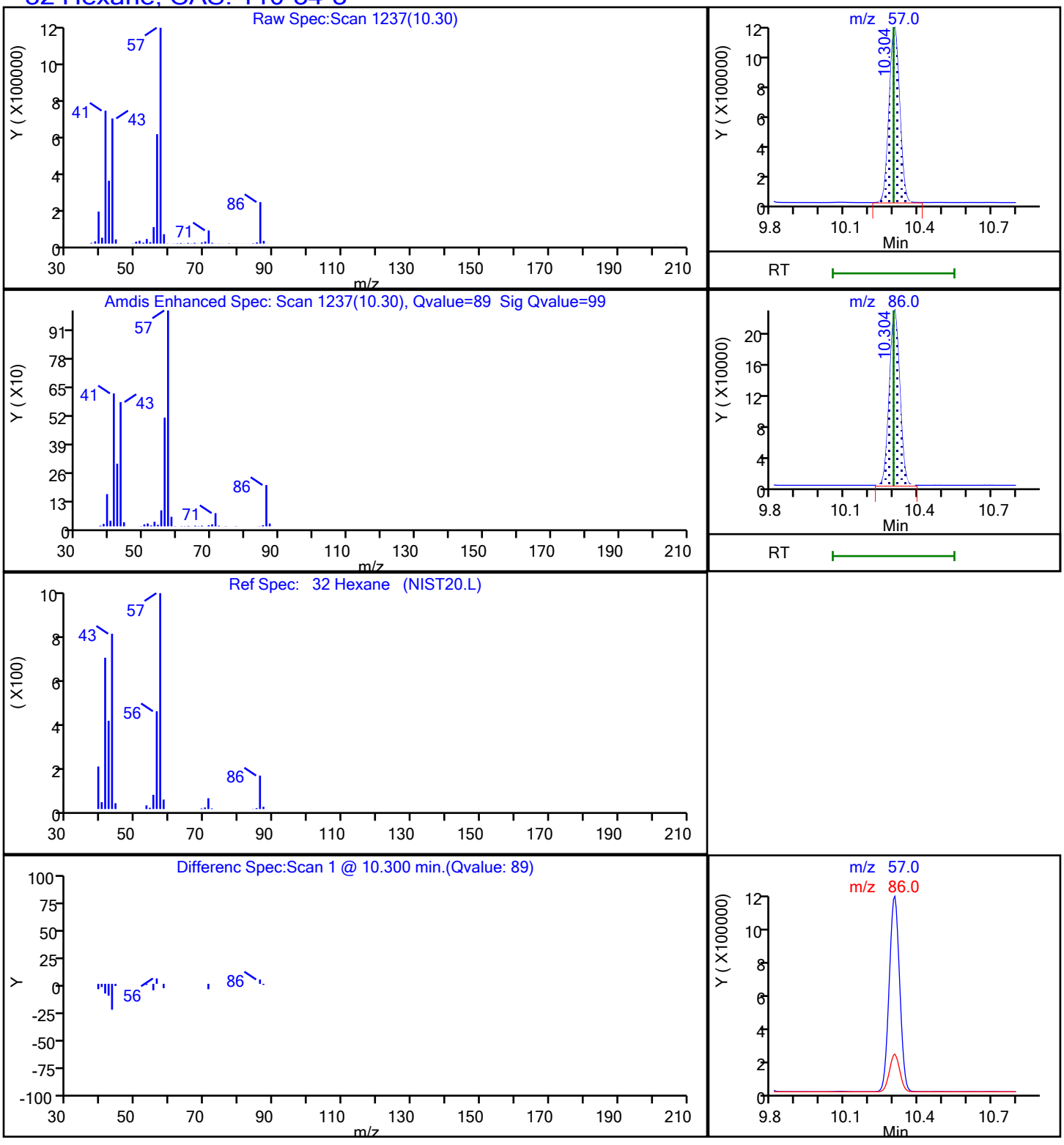
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Eurofins Burlington

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Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

32 Hexane, CAS: 110-54-3

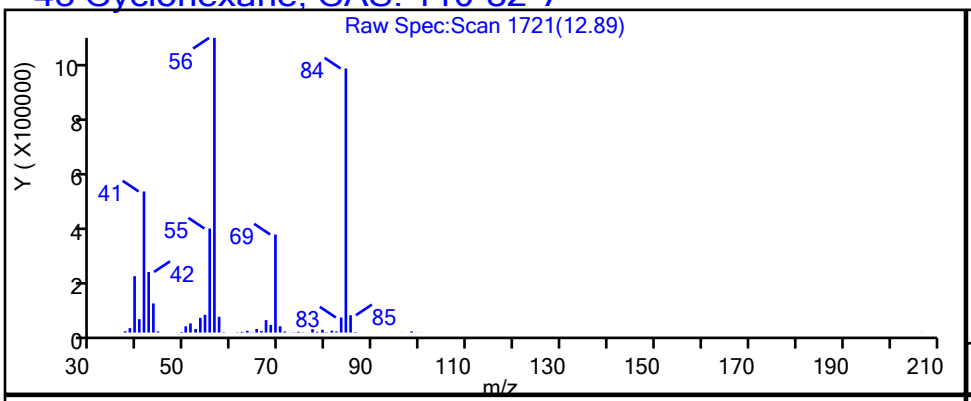


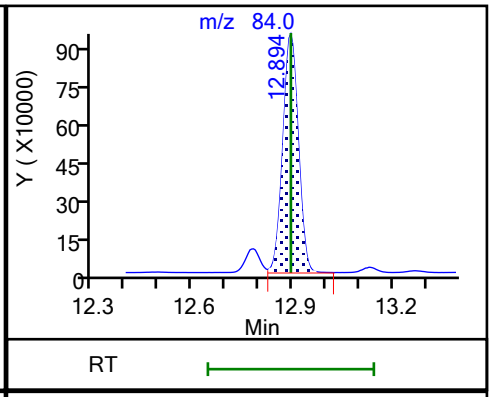
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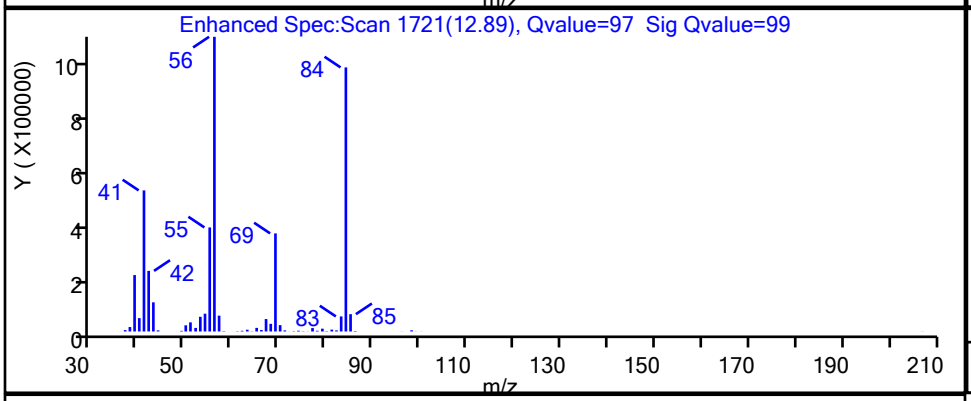
Eurofins Burlington

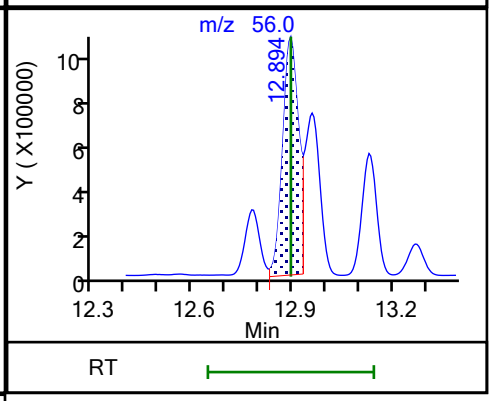
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Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

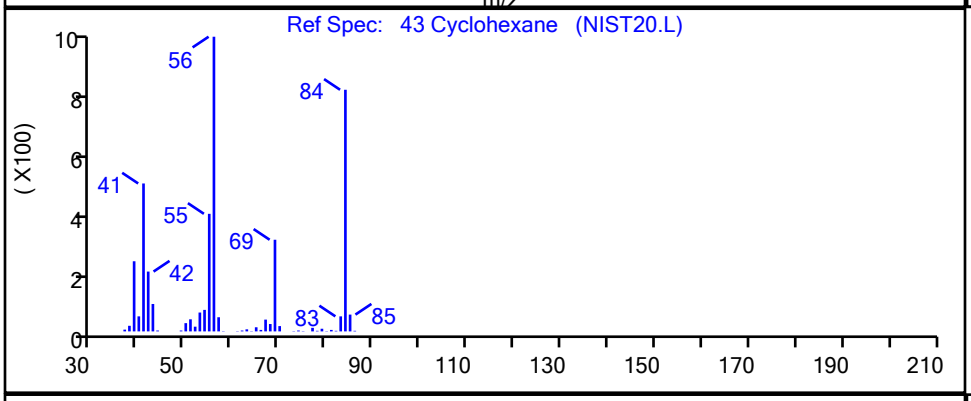
43 Cyclohexane, CAS: 110-82-7

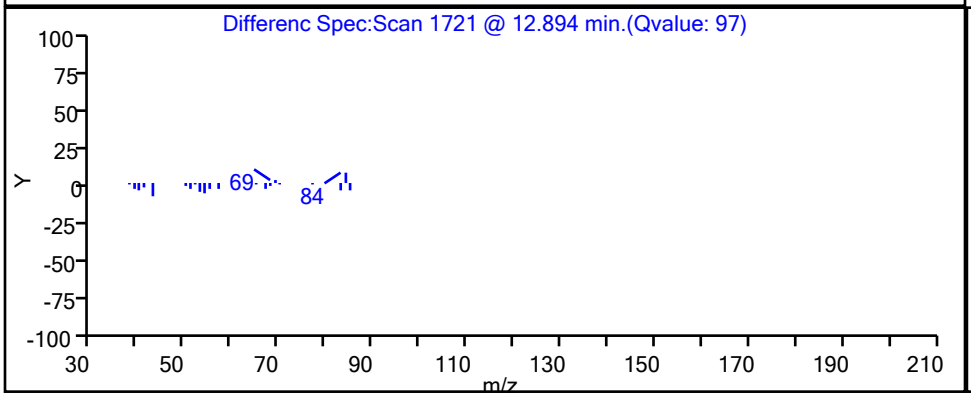


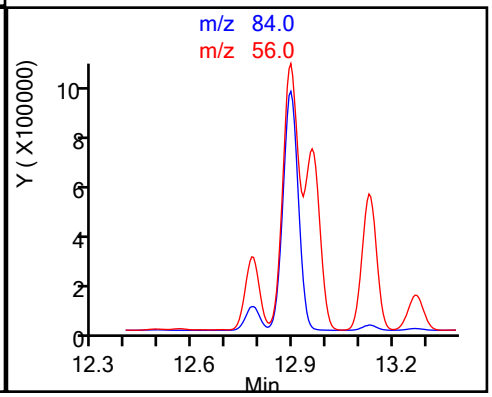










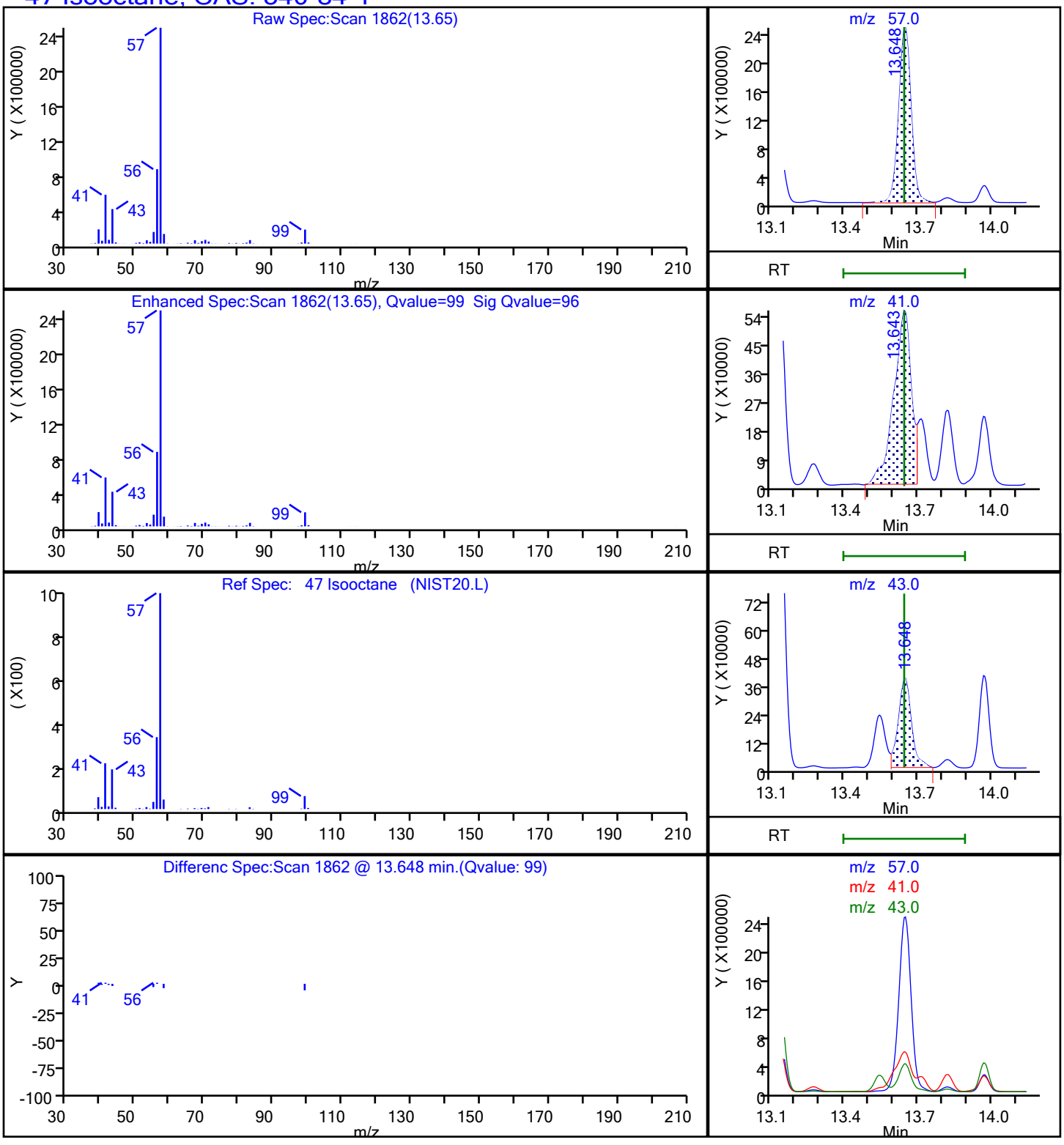


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Eurofins Burlington

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Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Isooctane, CAS: 540-84-1



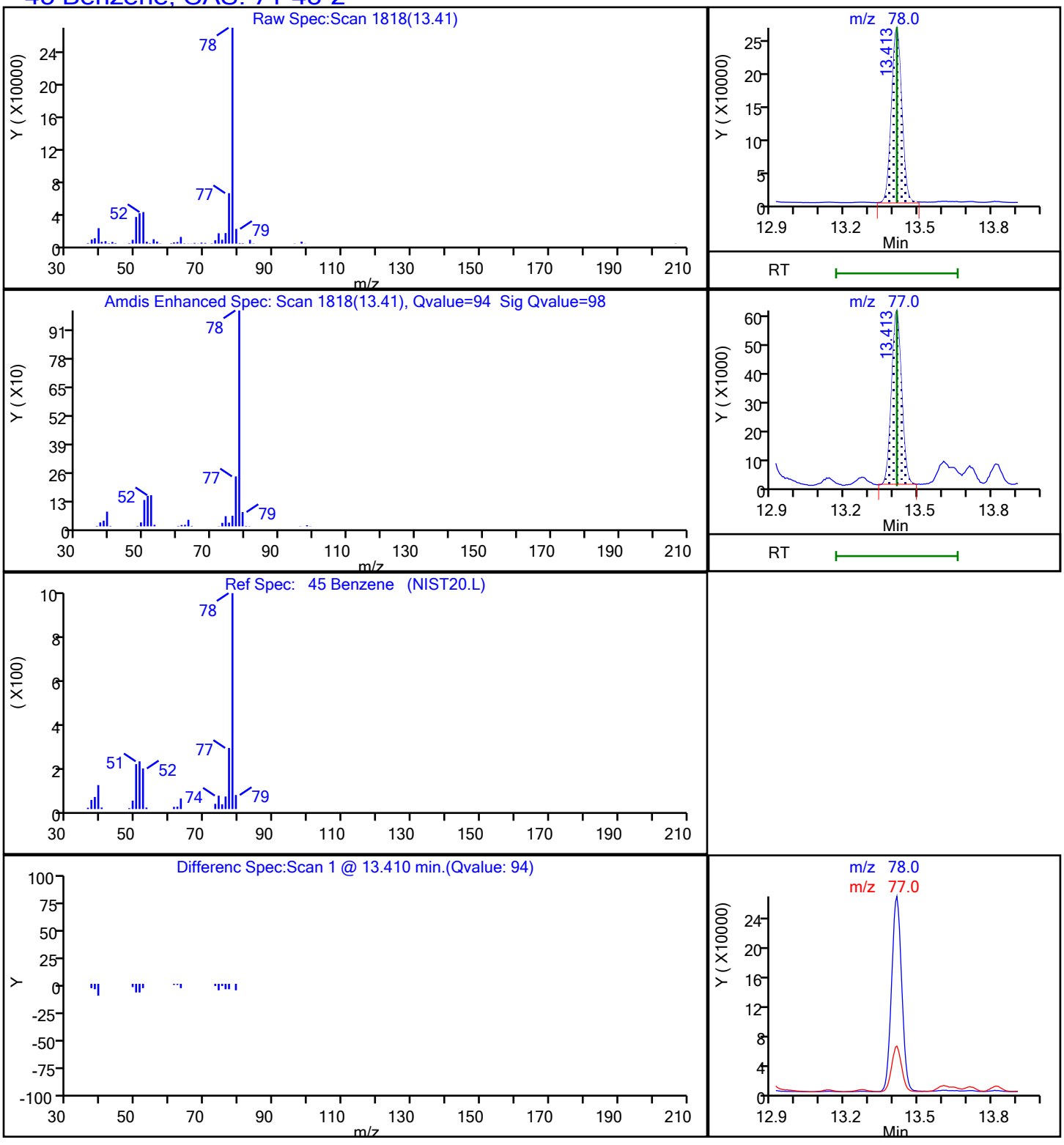
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d

Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 Benzene, CAS: 71-43-2



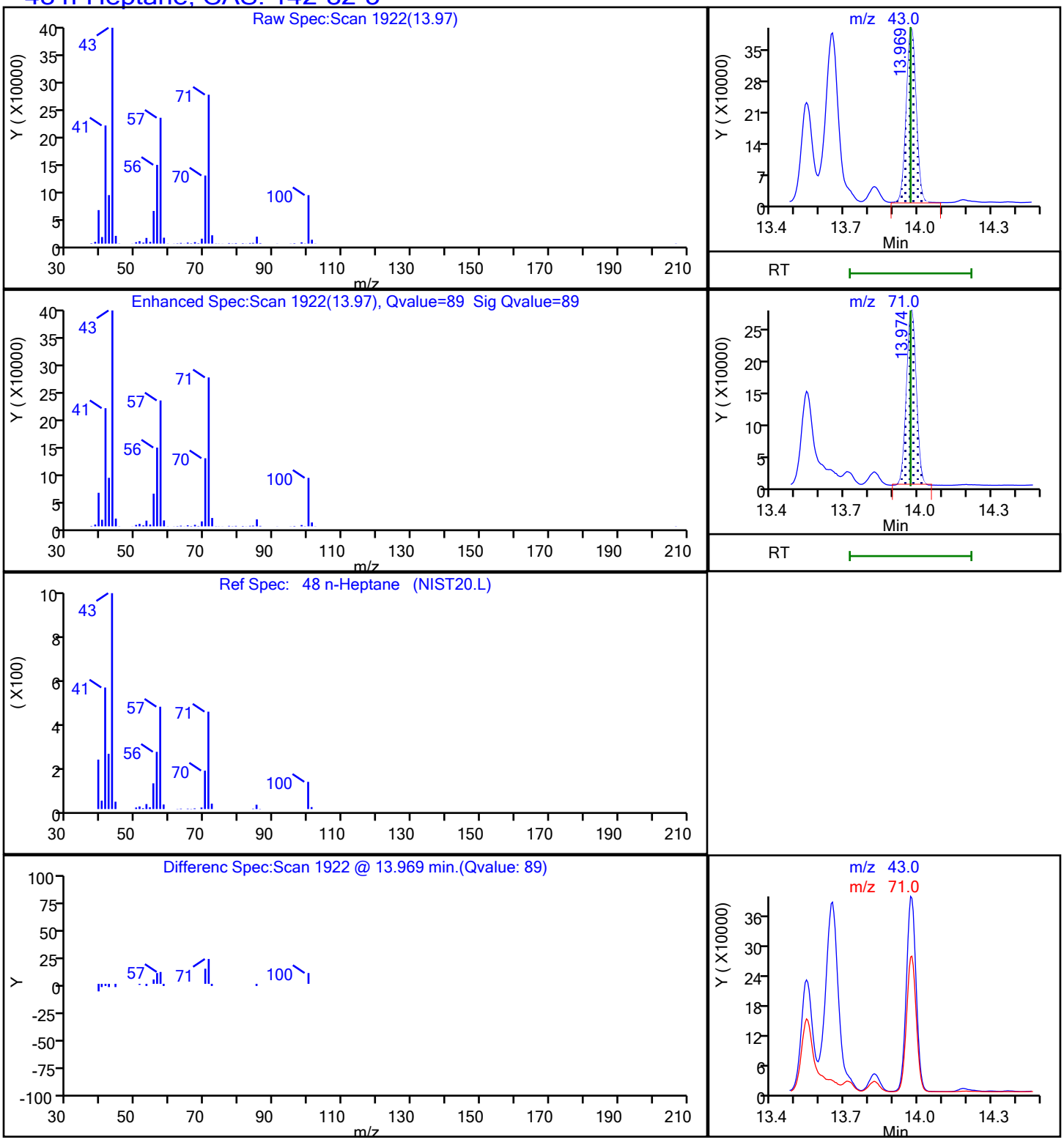
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d

Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



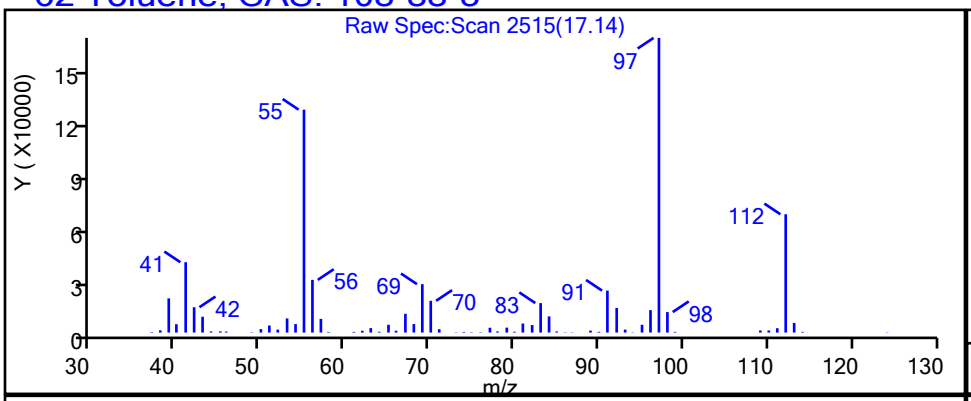
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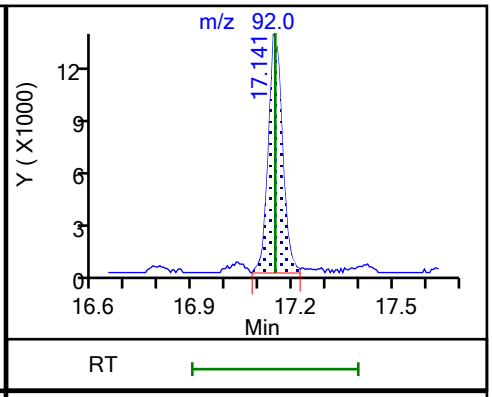
Eurofins Burlington

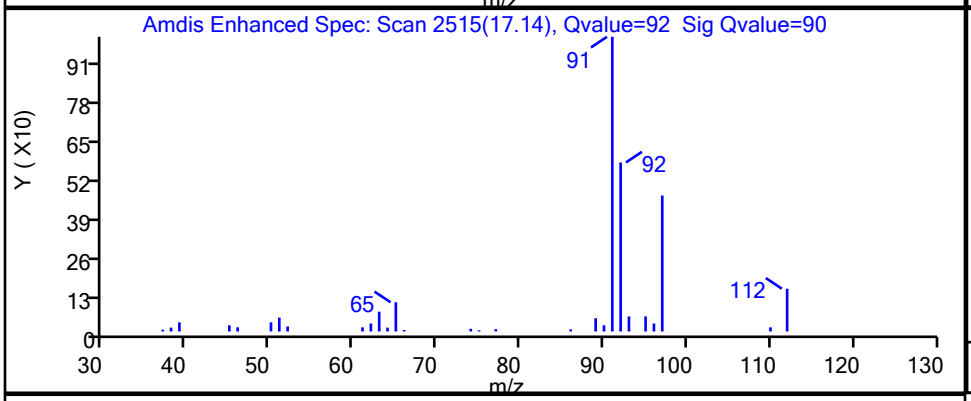
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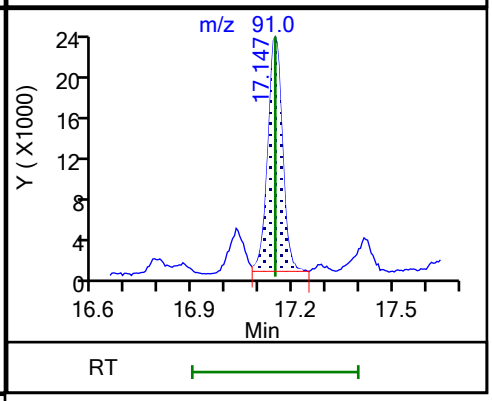
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

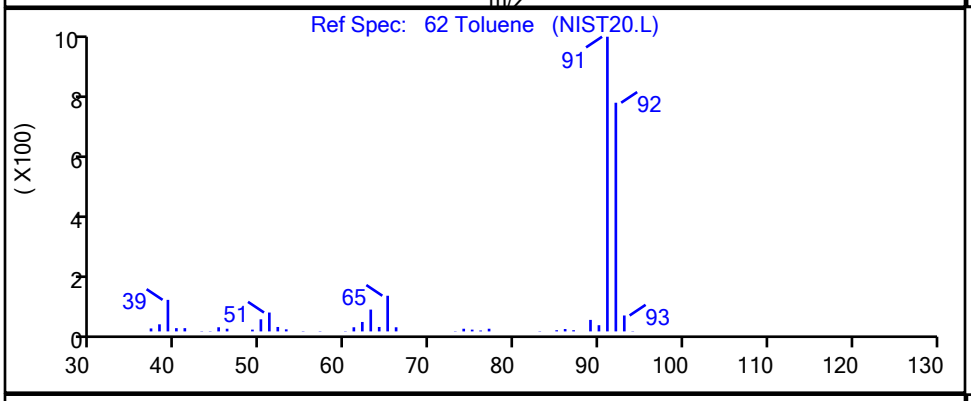
62 Toluene, CAS: 108-88-3

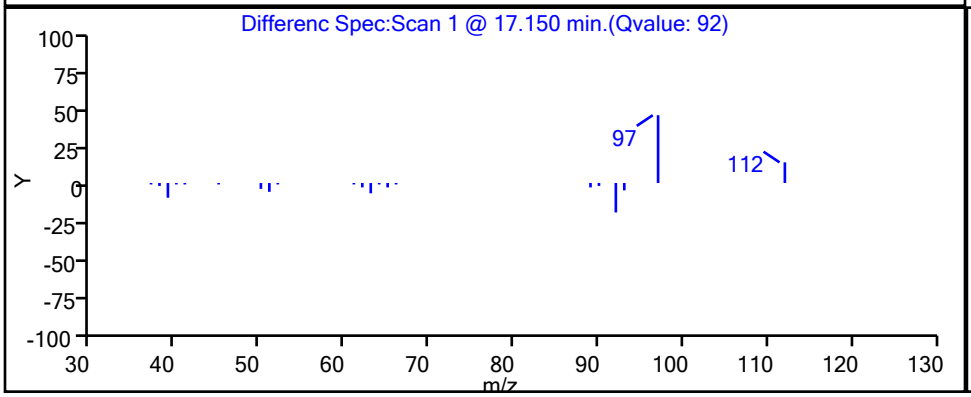


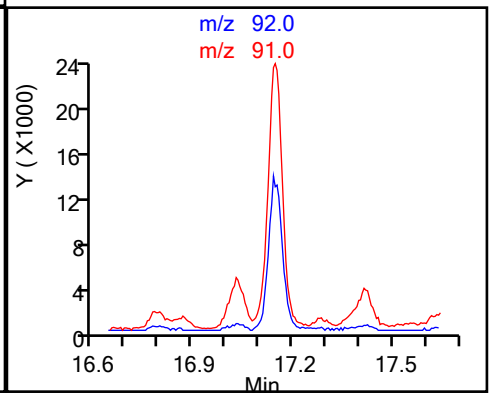












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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d

Injection Date: 26-Jun-2025 05:29:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-6 Lab Sample ID: 200-78438-6

Client ID: RXSV-07

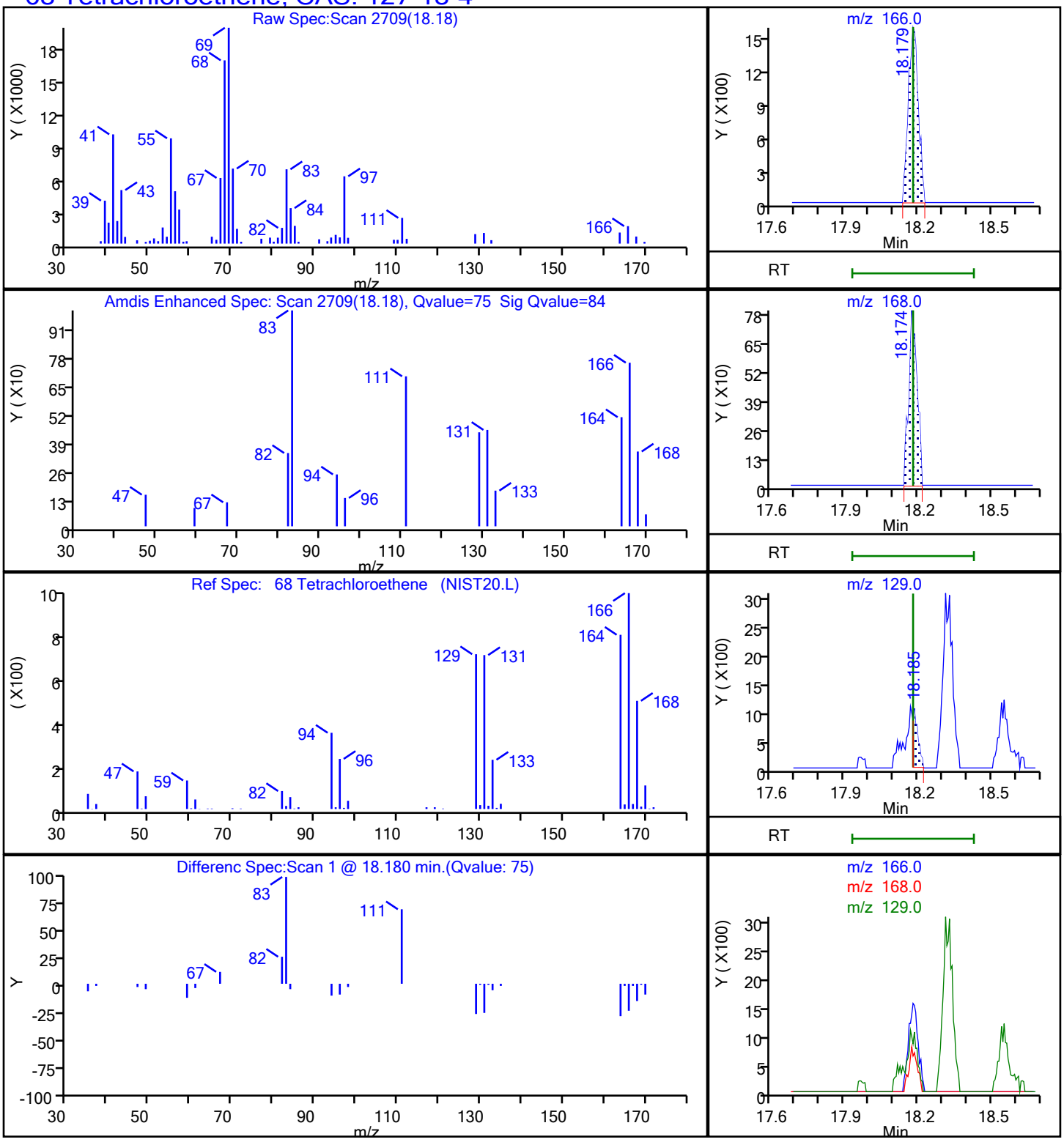
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Purge Vol: 200.000 mL Dil. Factor: 200.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

68 Tetrachloroethene, CAS: 127-18-4

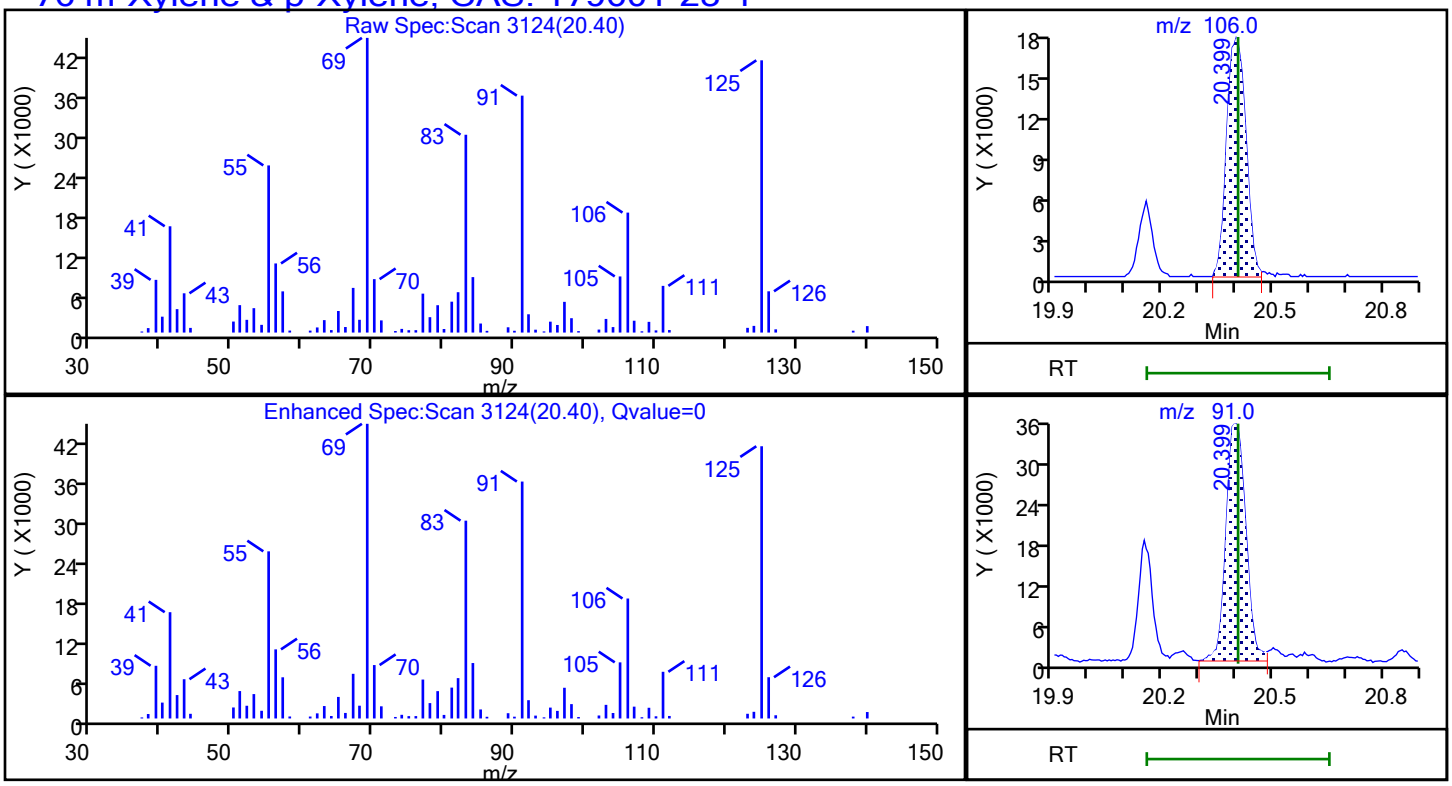


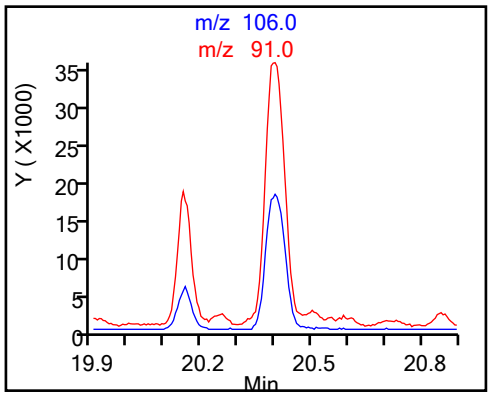
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Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d				
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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





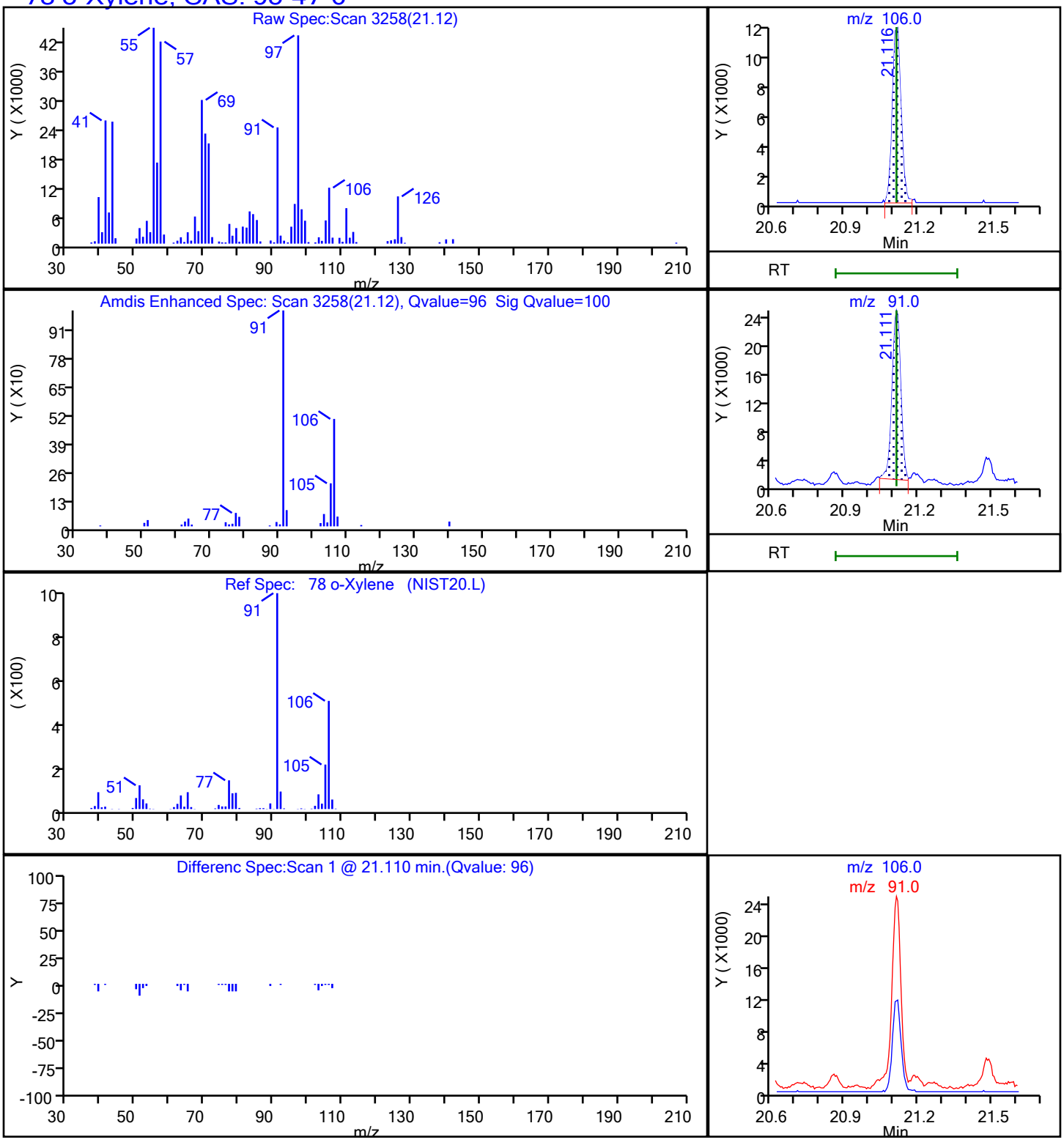
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d

Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



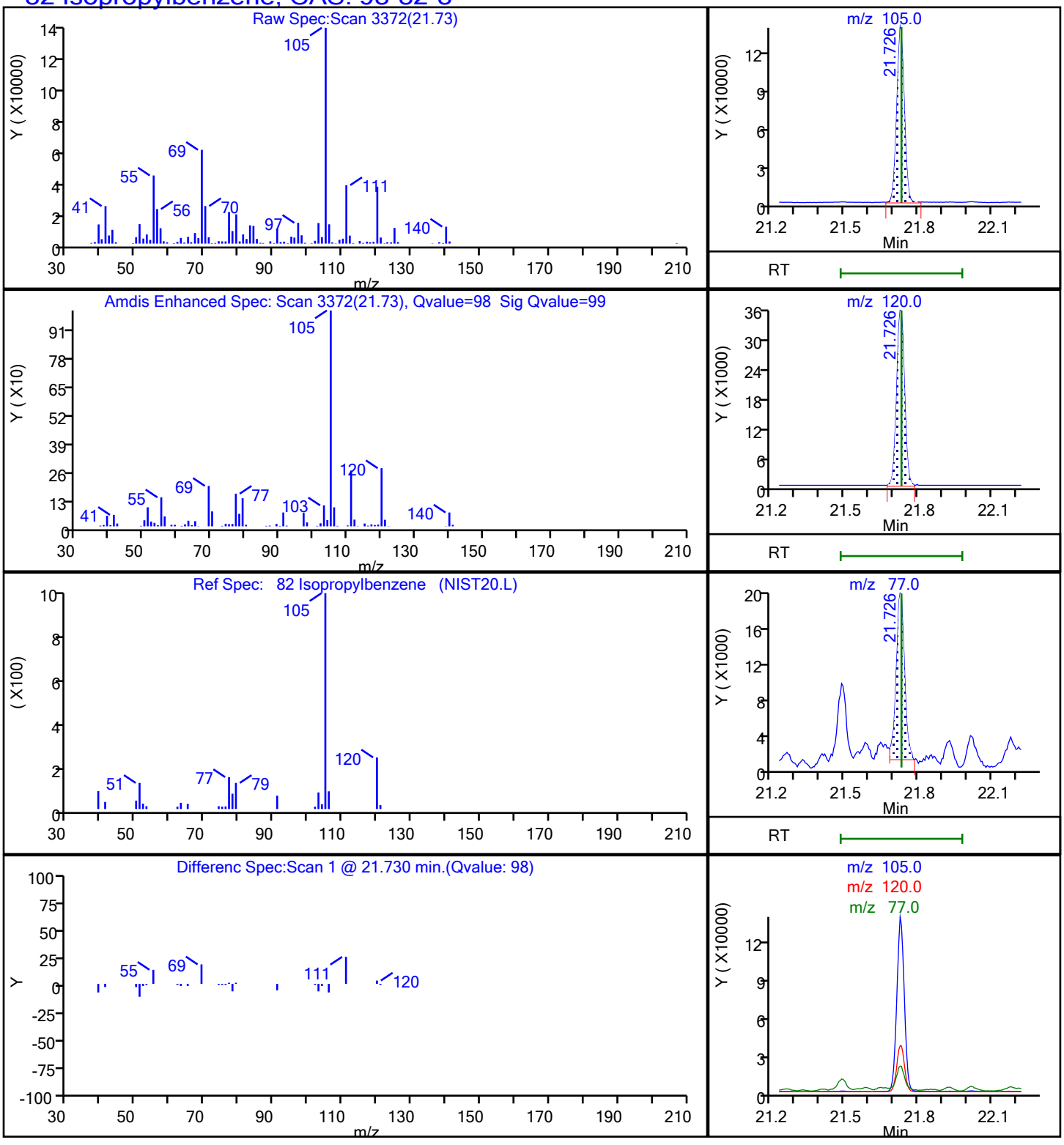
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d

Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8



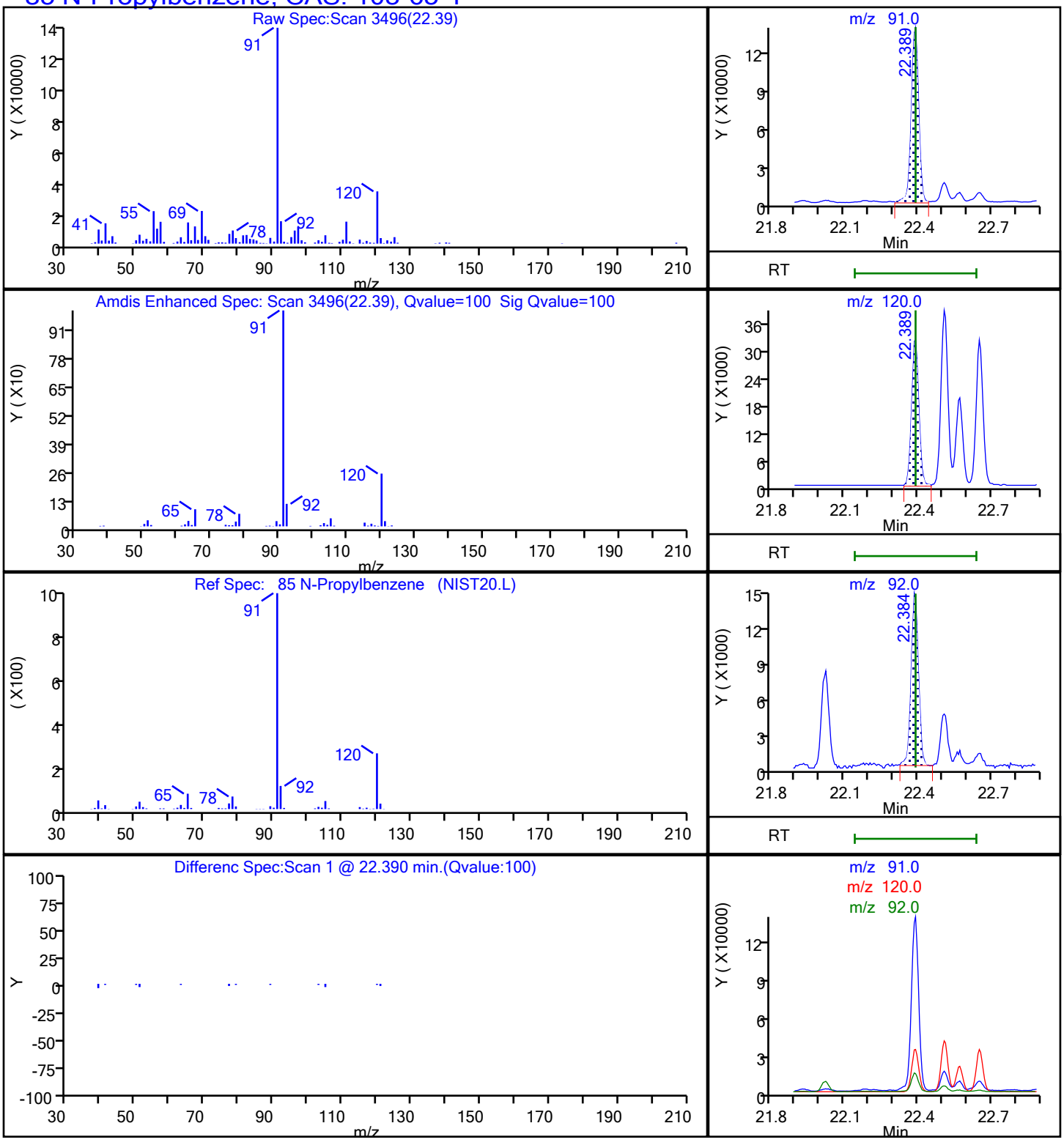
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Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d

Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 N-Propylbenzene, CAS: 103-65-1



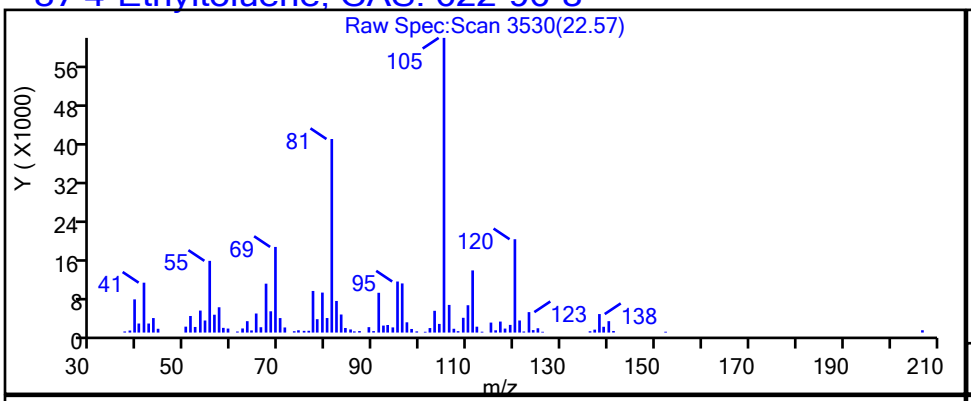
Report Date: 26-Jun-2025 08:55:04 Chrom Revision: 2.3 14-Jun-2025 12:06:34

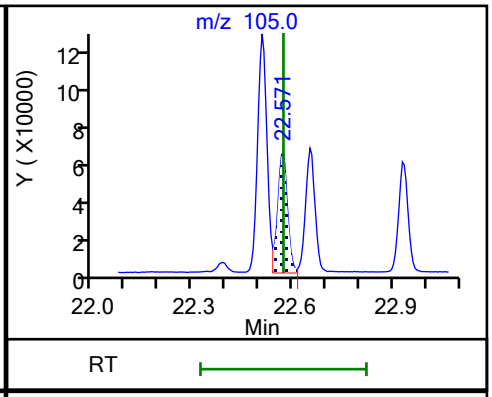
Eurofins Burlington

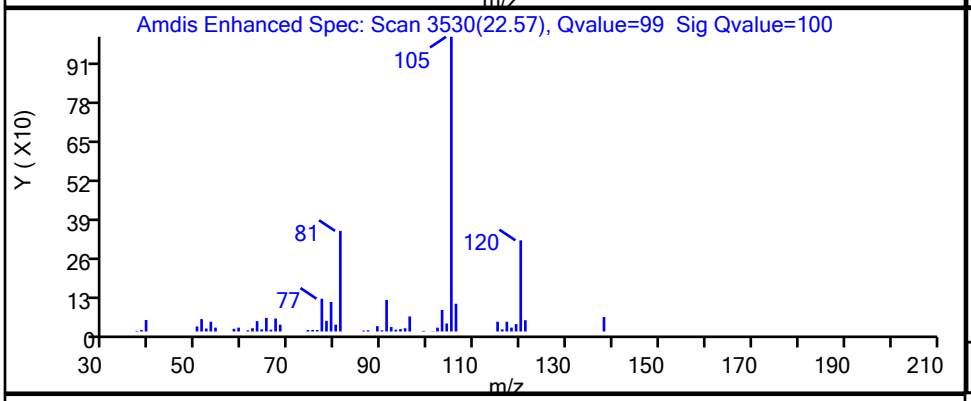
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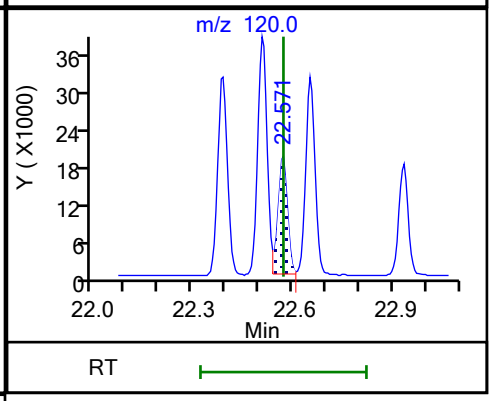
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

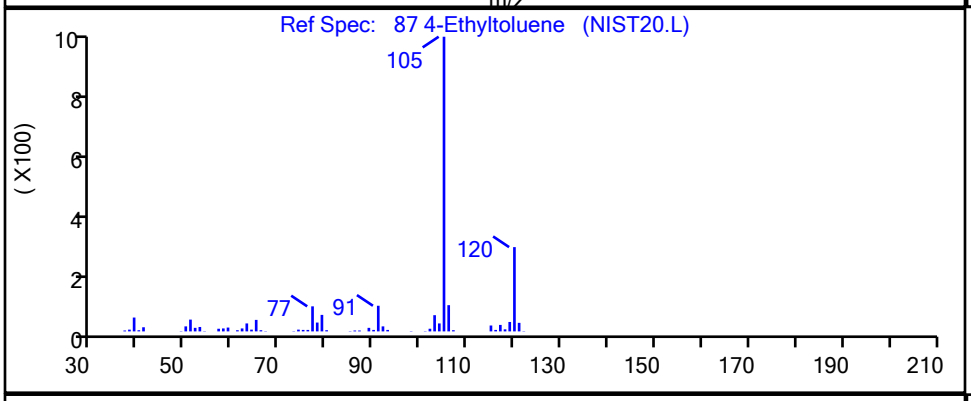
87 4-Ethyltoluene, CAS: 622-96-8

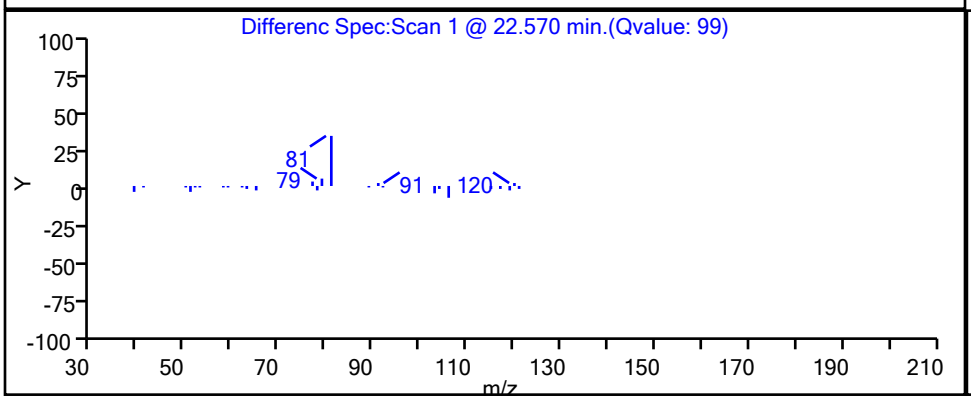


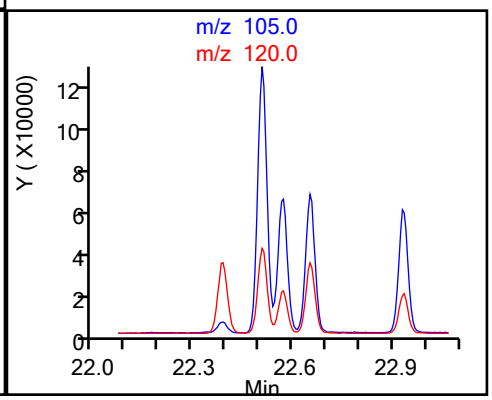












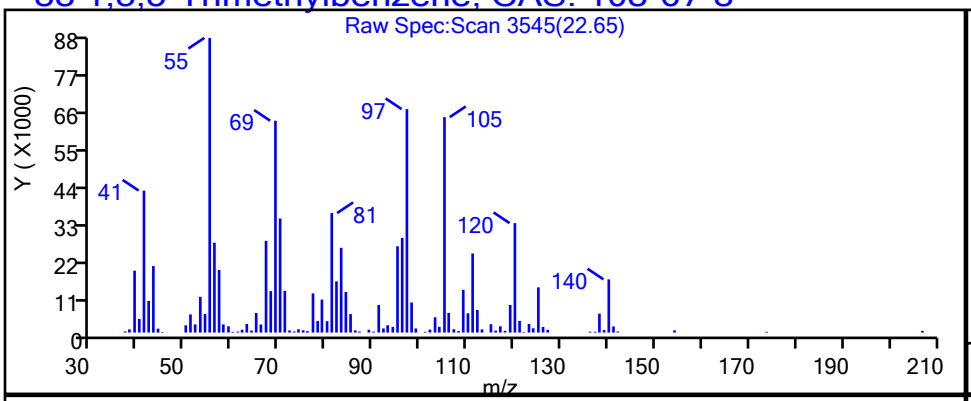
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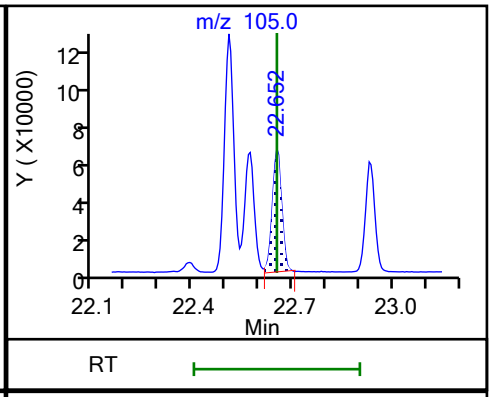
Eurofins Burlington

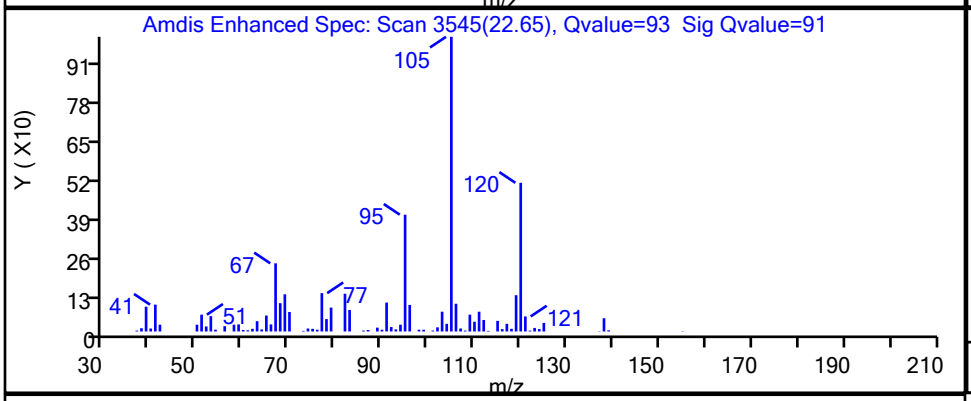
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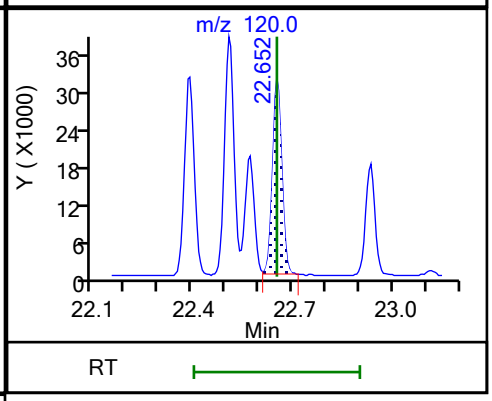
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

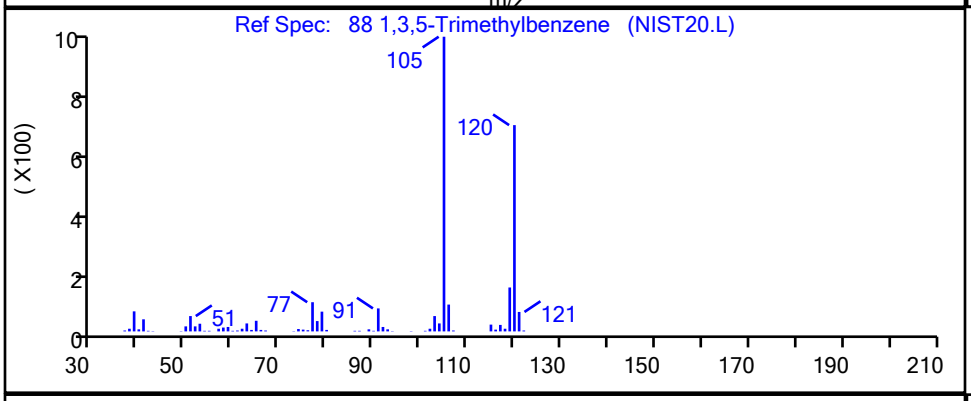
88 1,3,5-Trimethylbenzene, CAS: 108-67-8

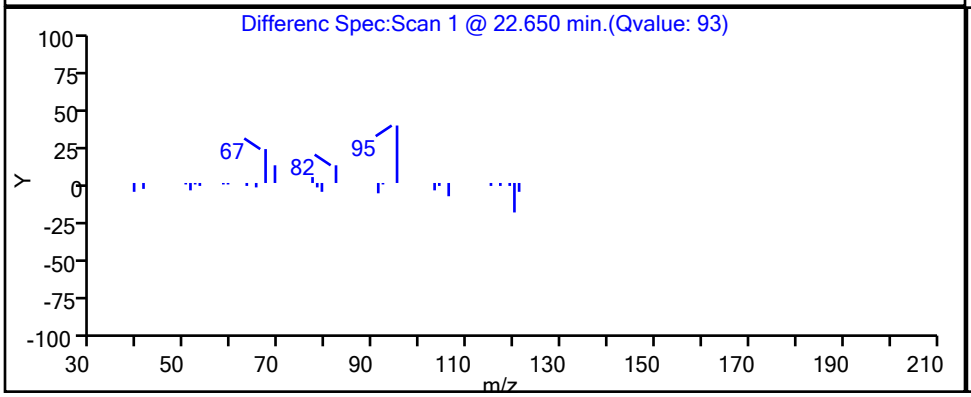


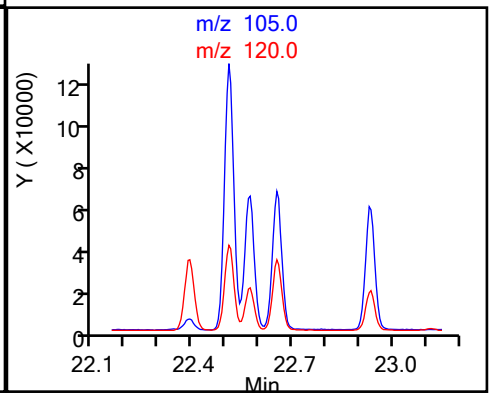












Report Date: 26-Jun-2025 08:55:04 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d

Injection Date: 26-Jun-2025 05:29:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-6 Lab Sample ID: 200-78438-6

Client ID: RXSV-07

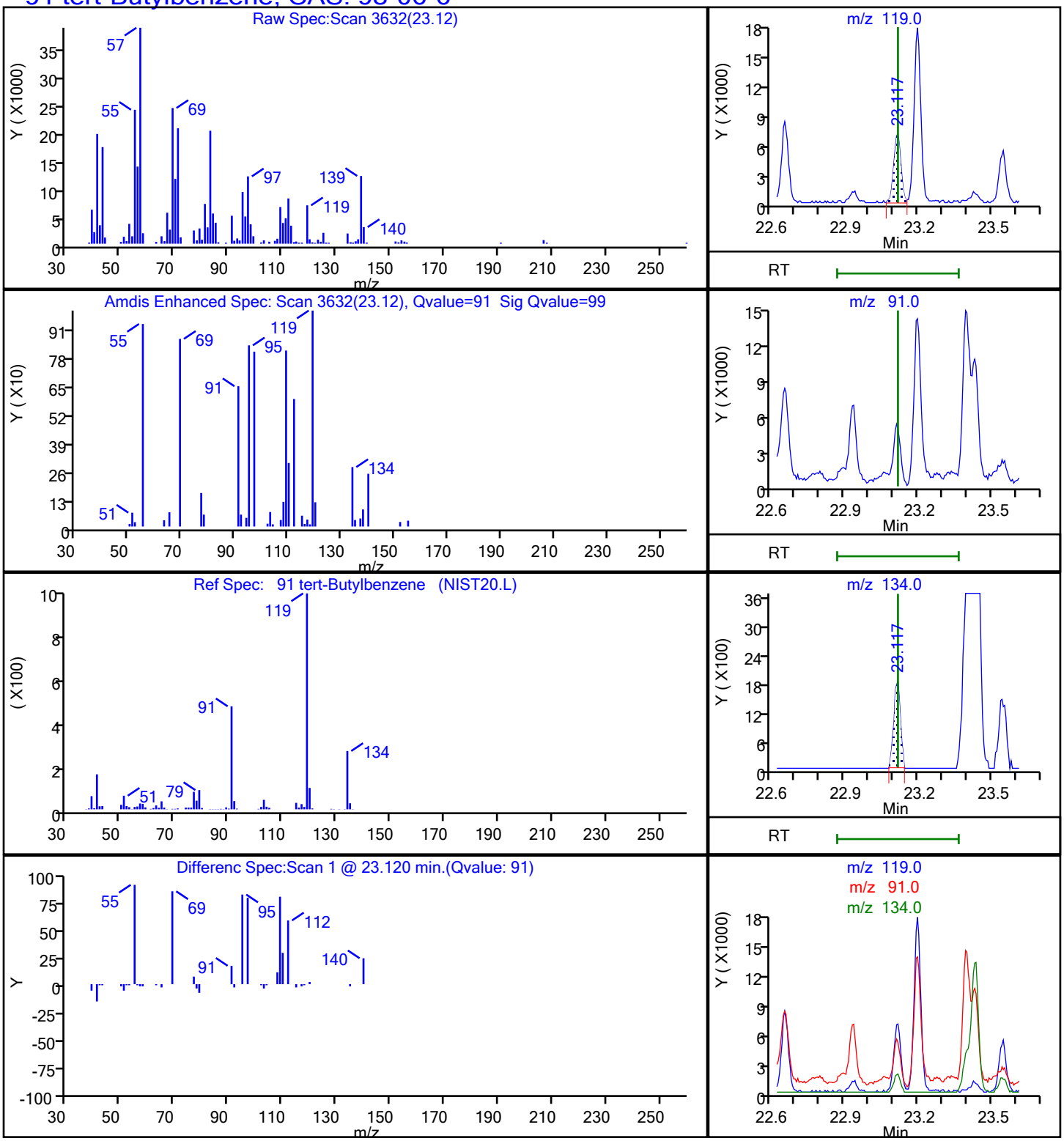
Operator ID: vtp ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 200.000 mL Dil. Factor: 200.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

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



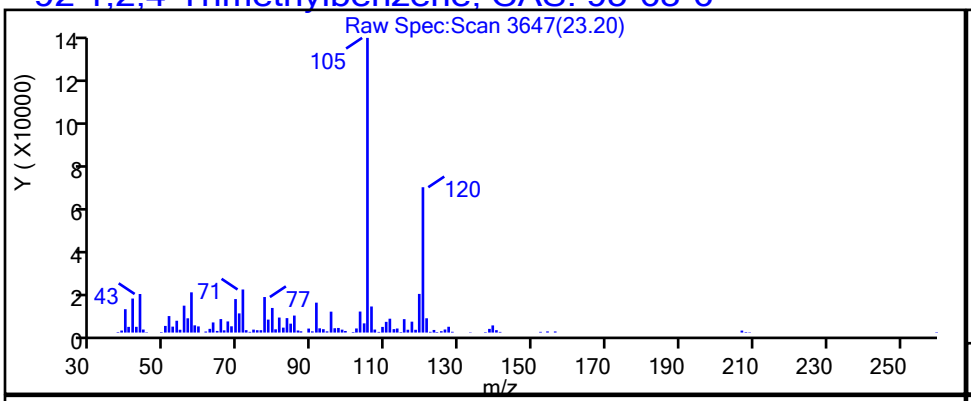
Report Date: 26-Jun-2025 08:55:04 Chrom Revision: 2.3 14-Jun-2025 12:06:34

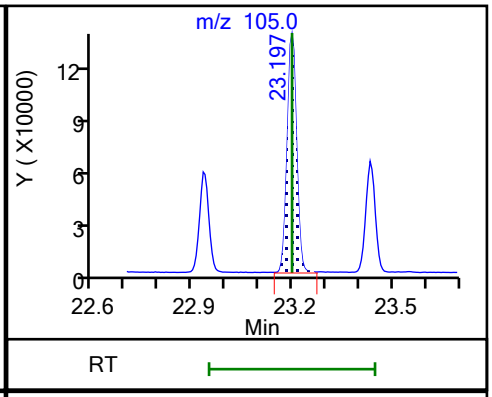
Eurofins Burlington

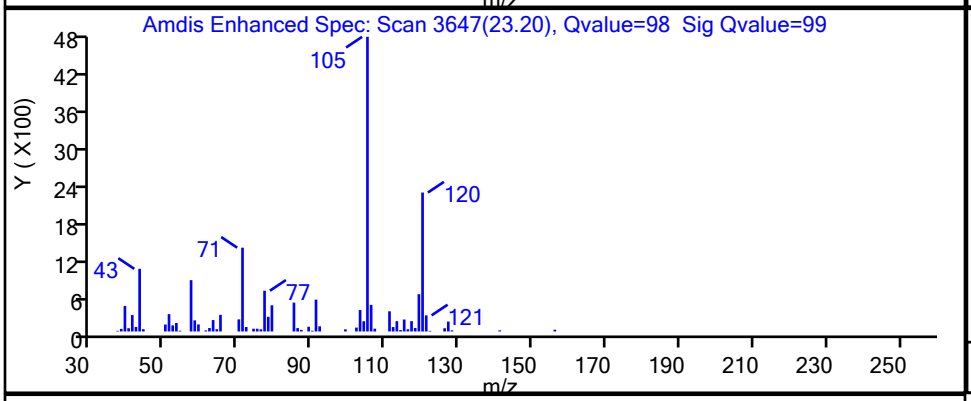
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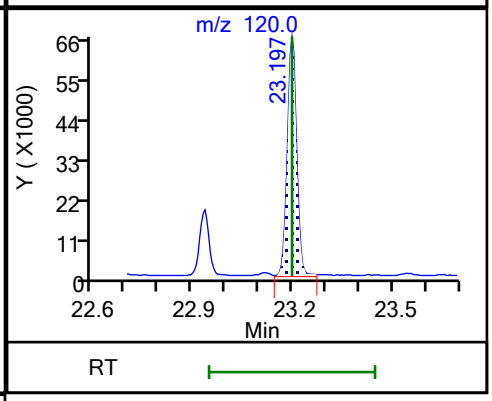
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

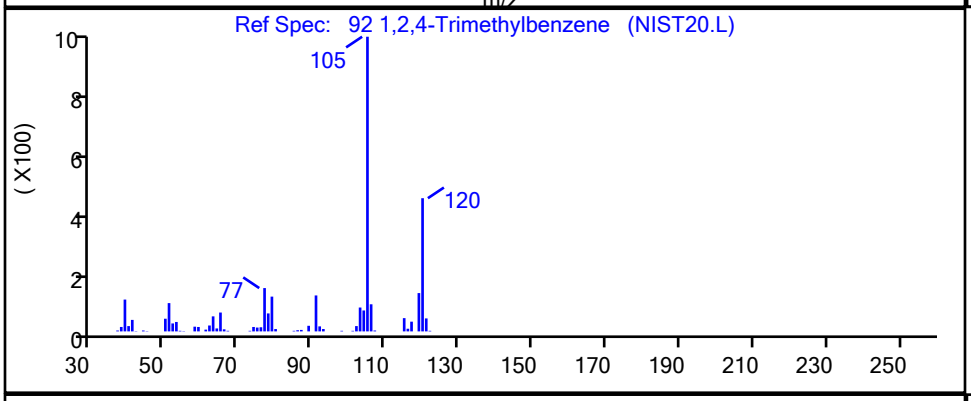
92 1,2,4-Trimethylbenzene, CAS: 95-63-6

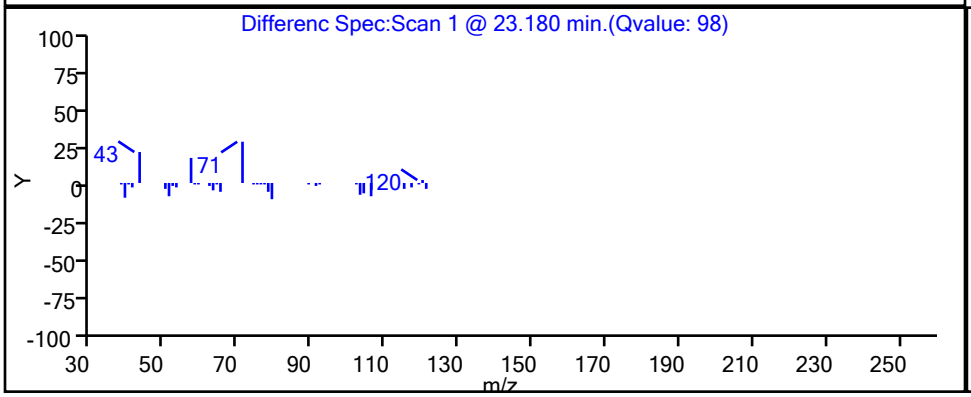


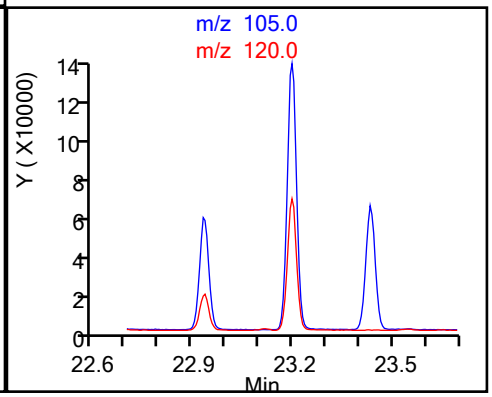












Report Date: 26-Jun-2025 08:55:04 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d

Injection Date: 26-Jun-2025 05:29:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-6 Lab Sample ID: 200-78438-6

Client ID: RXSV-07

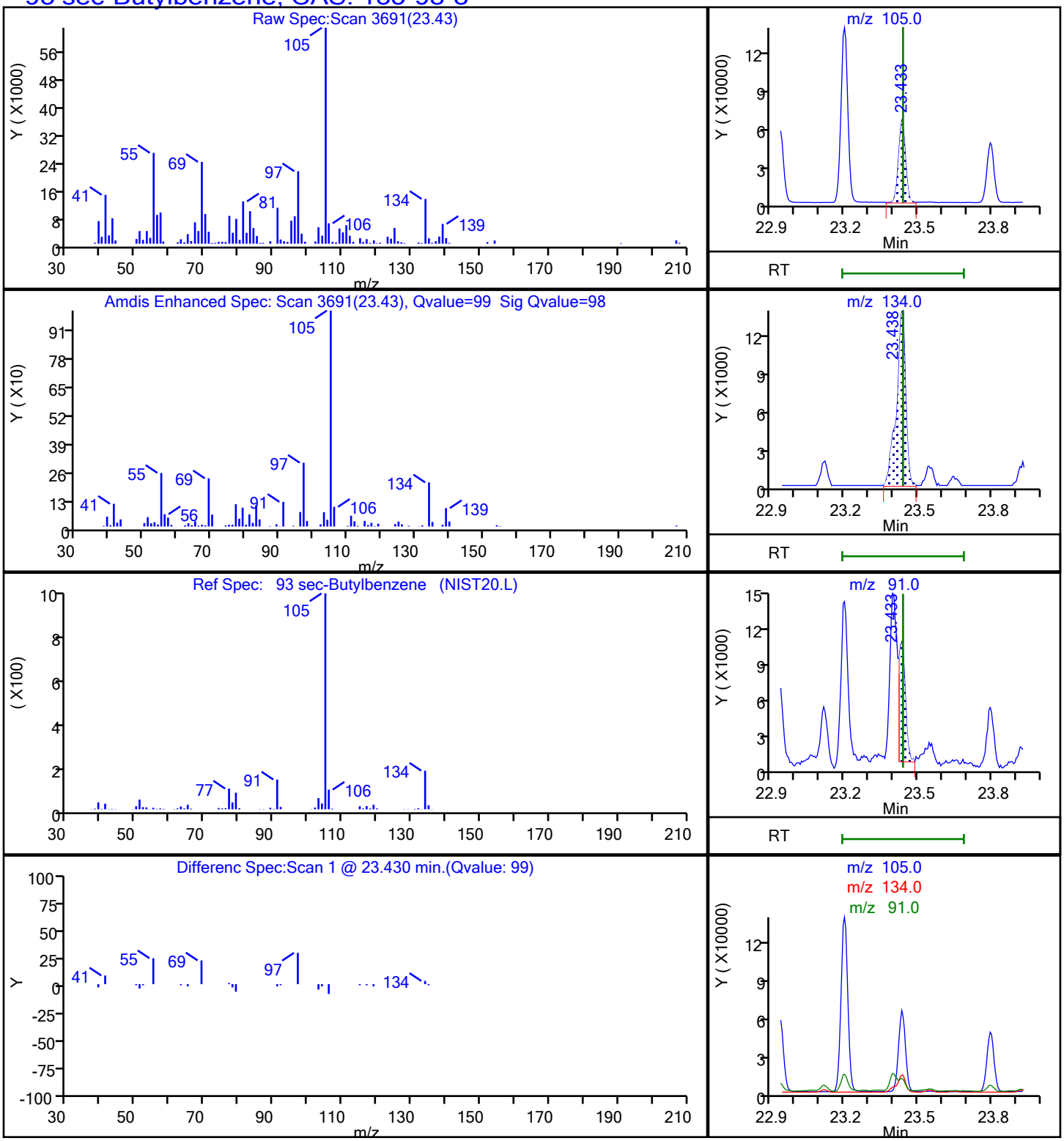
Operator ID: vtp ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 200.000 mL Dil. Factor: 200.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

93 sec-Butylbenzene, CAS: 135-98-8



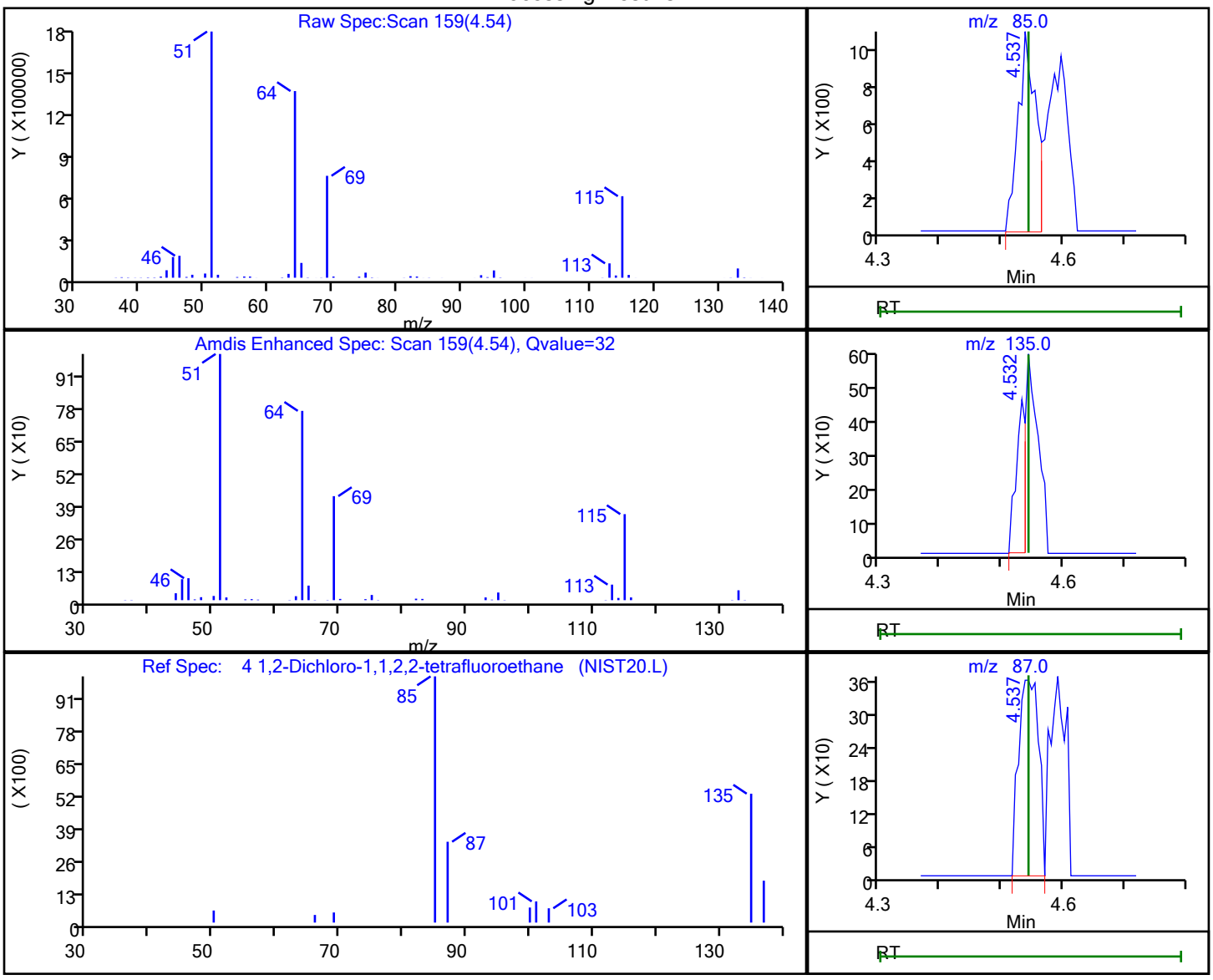
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d				
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
4.54	85.00	2134	0.029683
4.53	135.00	499	
4.54	87.00	820	

Reviewer: BKZ7, 26-Jun-2025 08:52:33 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

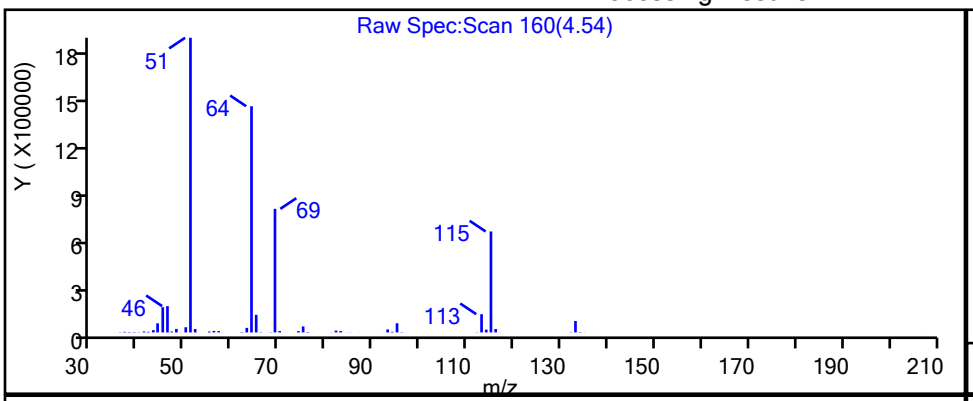
User Disabled Compound Report

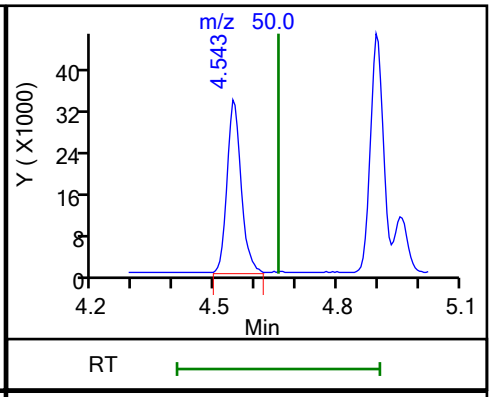
Eurofins Burlington

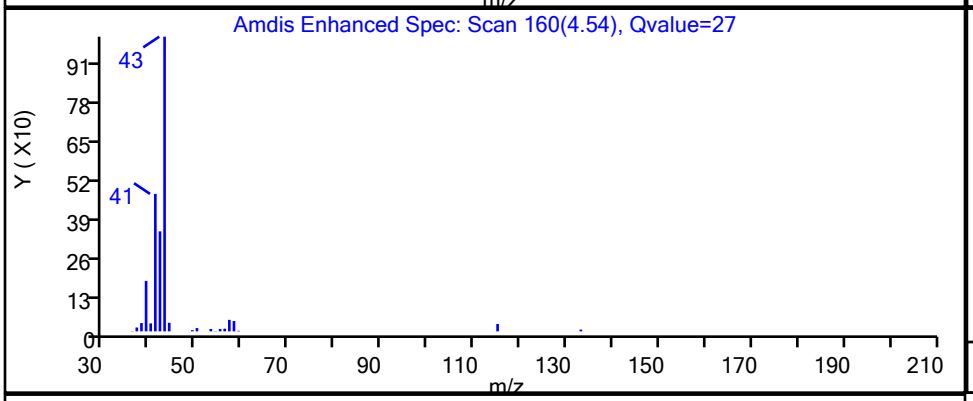
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d				
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

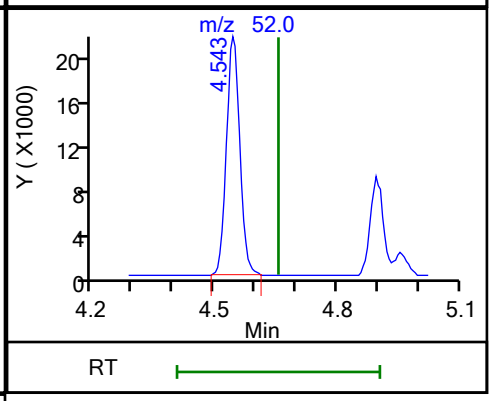
5 Chloromethane, CAS: 74-87-3

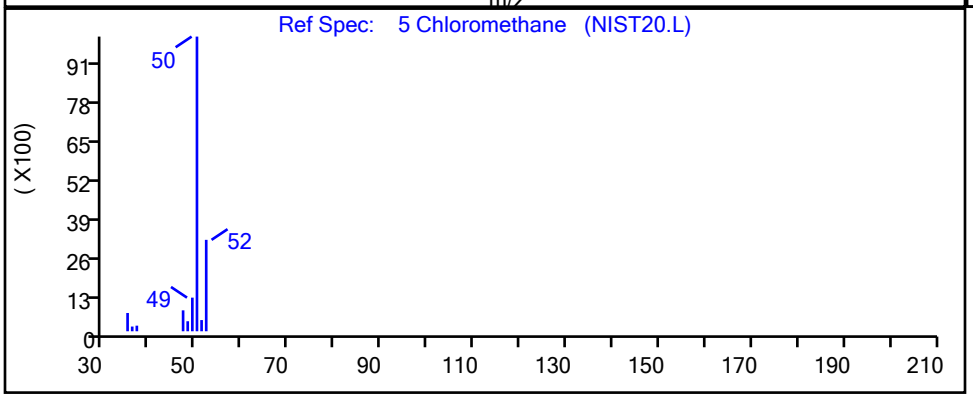
Processing Results











RT	Mass	Response	Amount
4.54	50.00	79579	3.556006
4.54	52.00	49639	

Reviewer: BKZ7, 26-Jun-2025 08:52:35 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

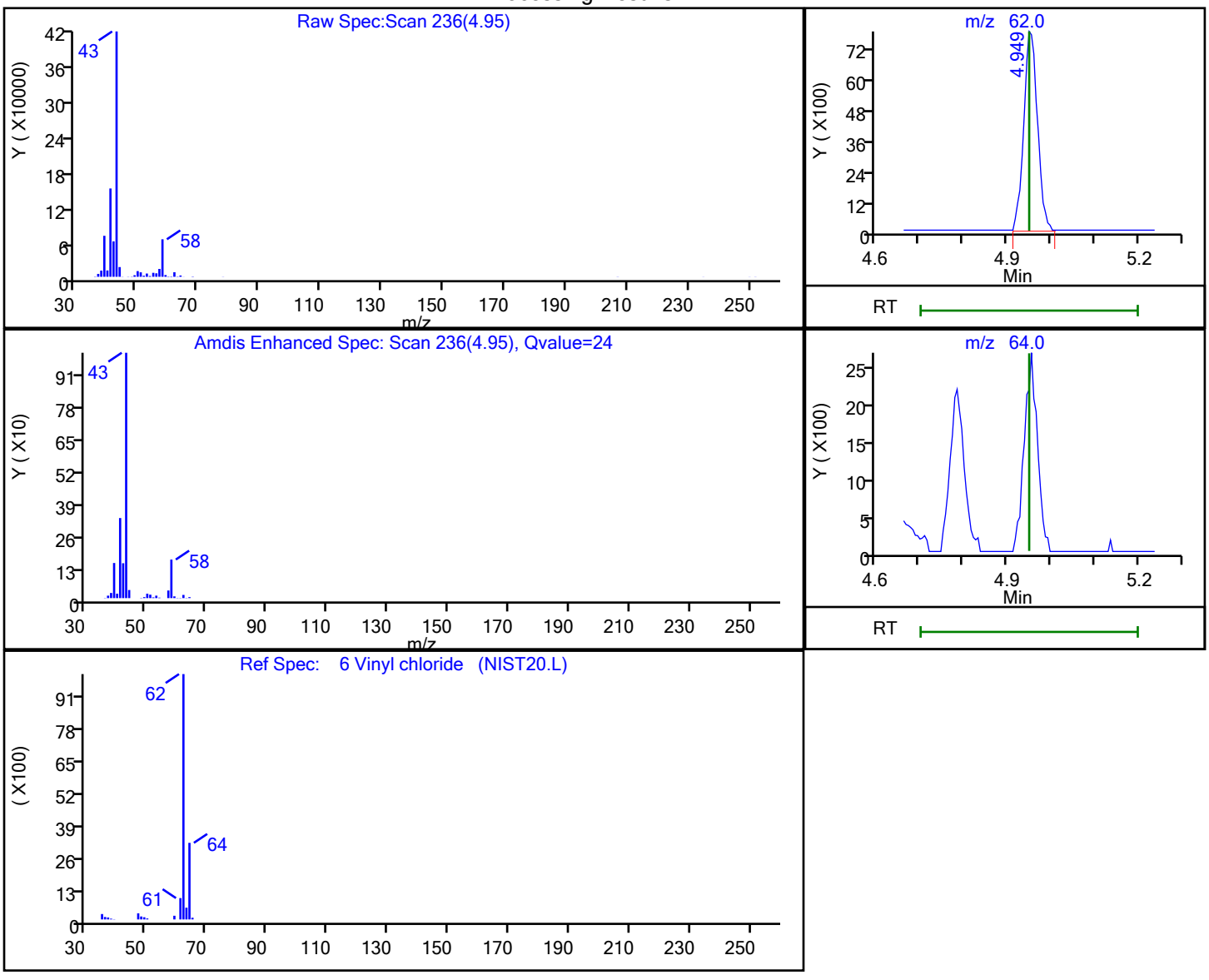
User Disabled Compound Report

Eurofins Burlington

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Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

6 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
4.95	62.00	17119	0.782188
4.95	64.00	0	

Reviewer: BKZ7, 26-Jun-2025 08:52:38 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

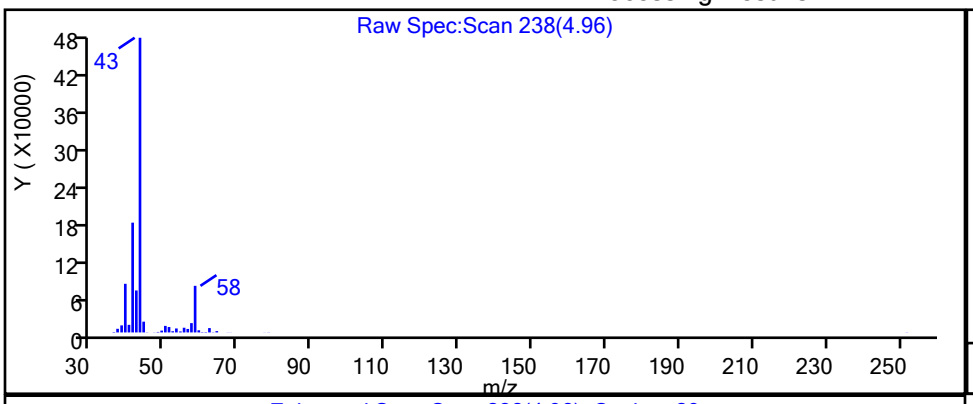
User Disabled Compound Report

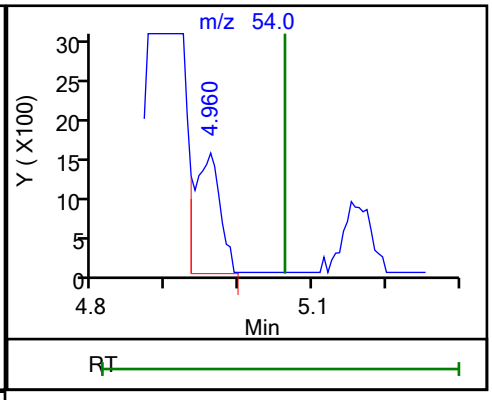
Eurofins Burlington

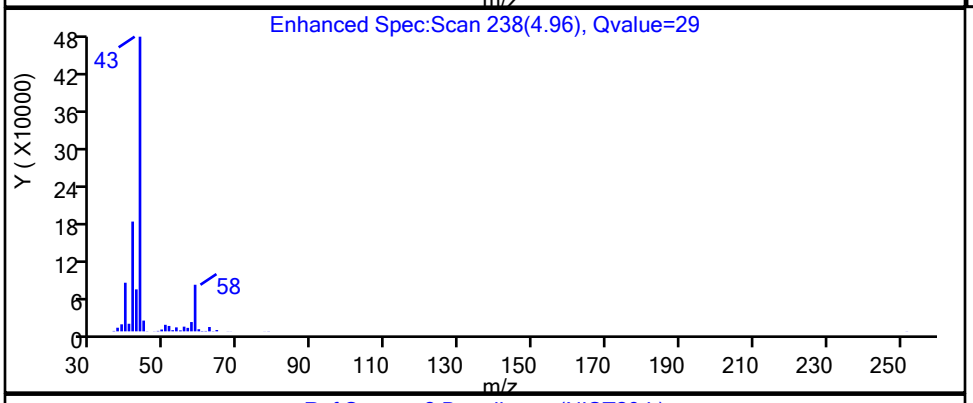
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Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

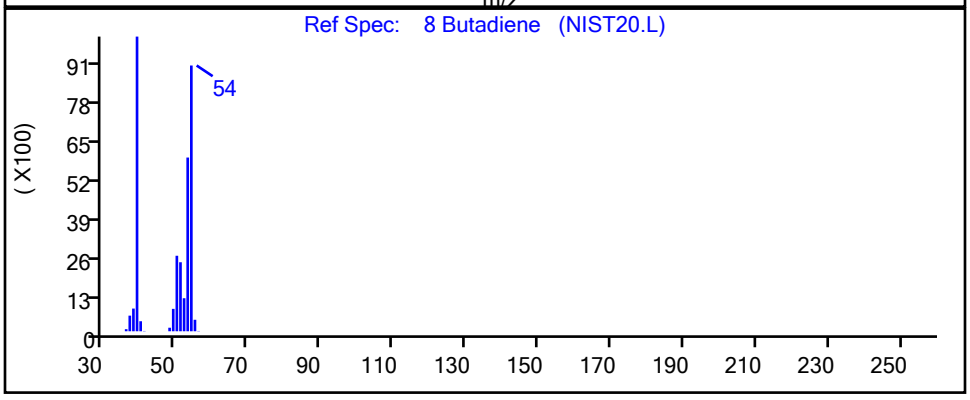
8 Butadiene, CAS: 106-99-0

Processing Results









RT	Mass	Response	Amount
4.96	54.00	3692	0.238381

Reviewer: BKZ7, 26-Jun-2025 08:52:42 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

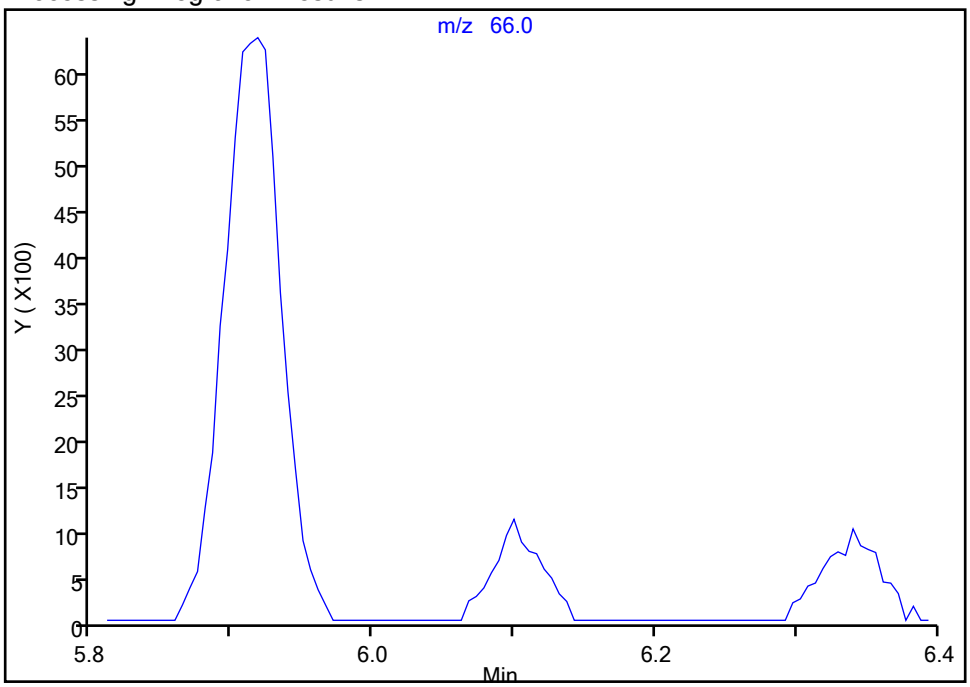
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d				
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

10 Chloroethane, CAS: 75-00-3

Signal: 2

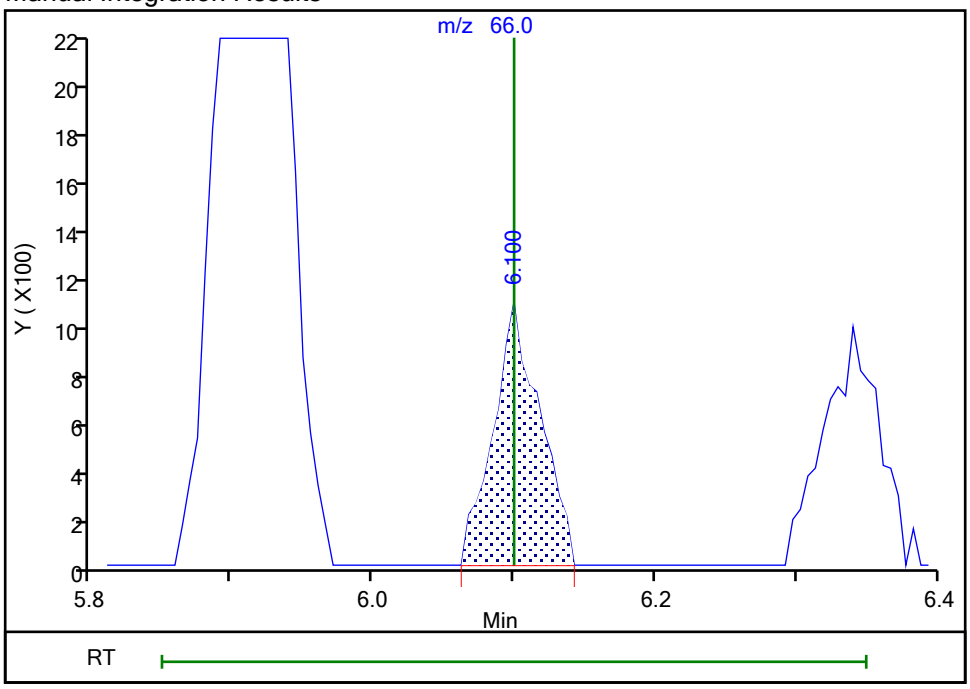
Not Detected
Expected RT: 6.10

Processing Integration Results



Manual Integration Results

RT: 6.10
Area: 2511
Amount: 0.483749
Amount Units: ppb v/v



Reviewer: BKZ7, 26-Jun-2025 08:53:02 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

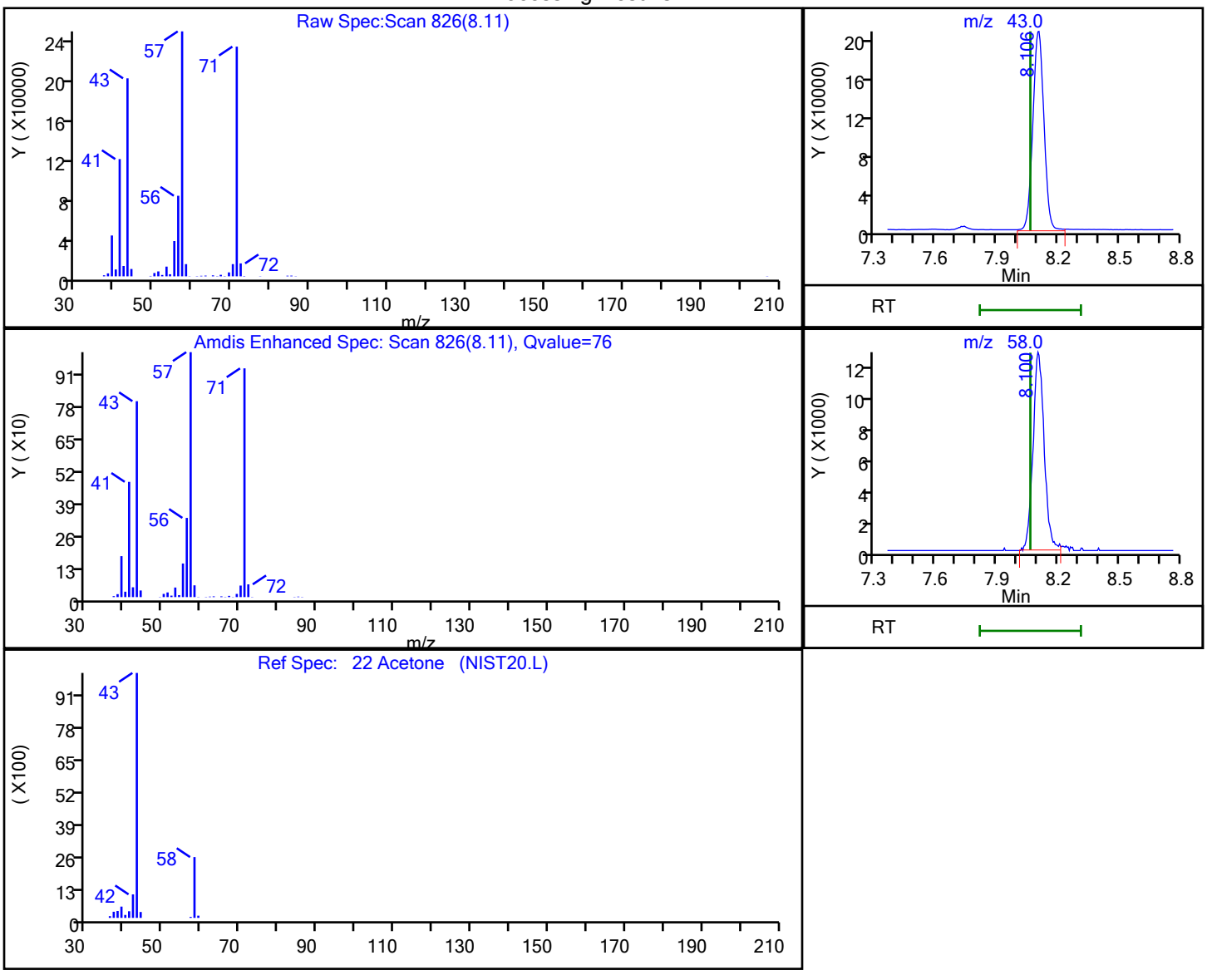
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d				
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
8.11	43.00	764095	22.364793
8.10	58.00	48638	

Reviewer: BKZ7, 26-Jun-2025 08:53:09 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

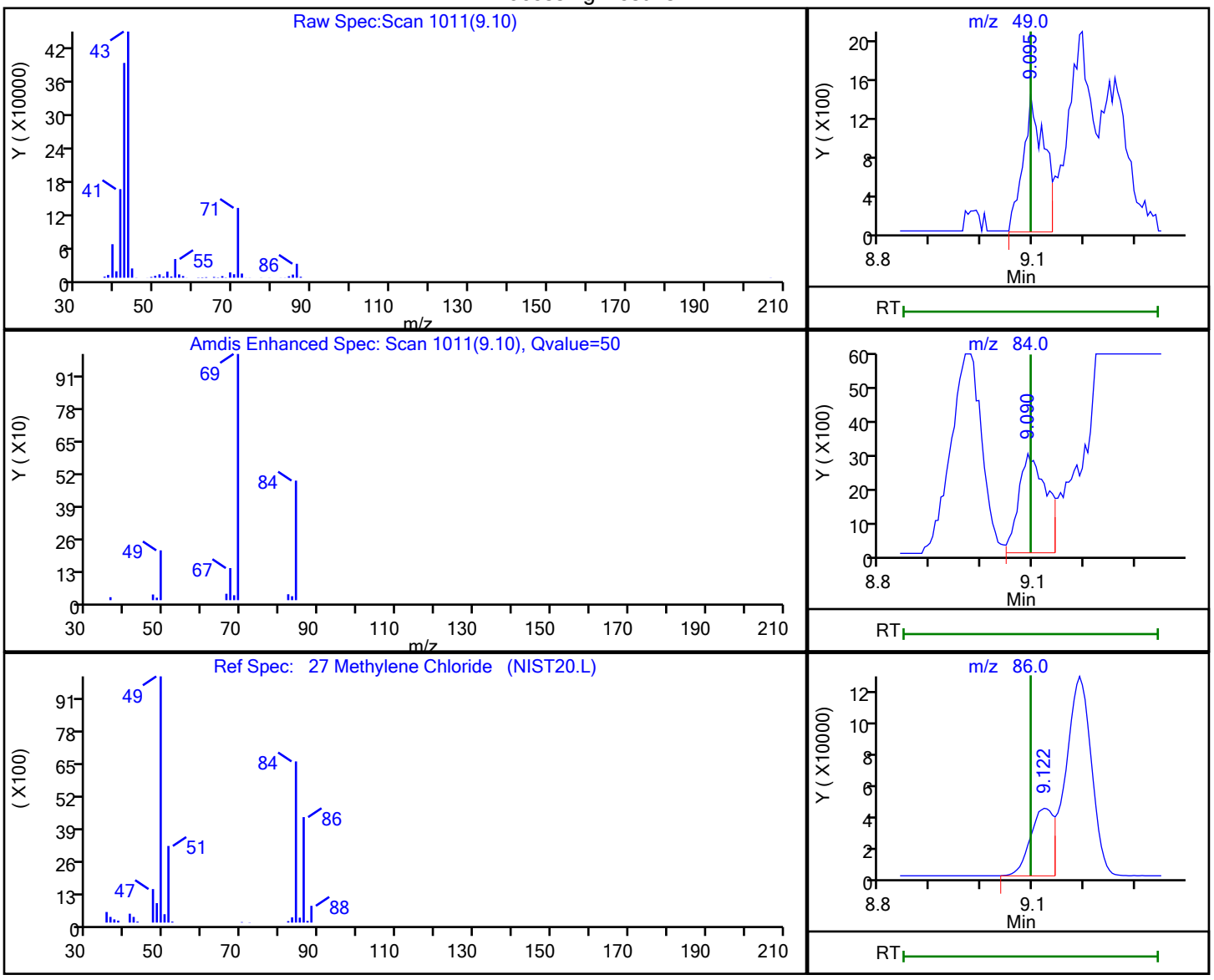
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d				
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
9.10	49.00	4002	0.131837
9.09	84.00	11326	
9.12	86.00	141210	

Reviewer: BKZ7, 26-Jun-2025 08:53:24 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

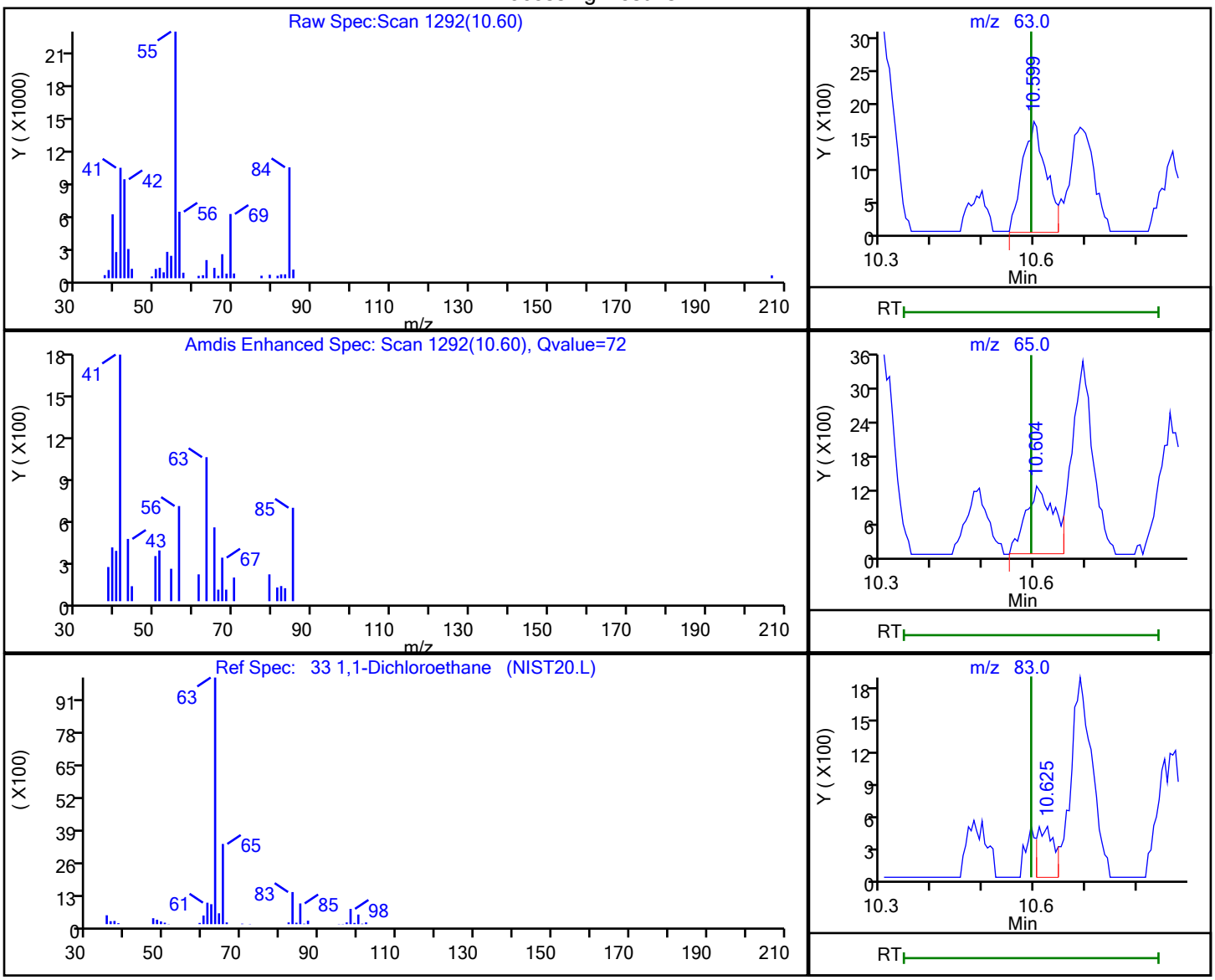
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d				
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

33 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
10.60	63.00	5362	0.102843
10.60	65.00	4721	
10.63	83.00	1043	

Reviewer: BKZ7, 26-Jun-2025 08:53:37 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

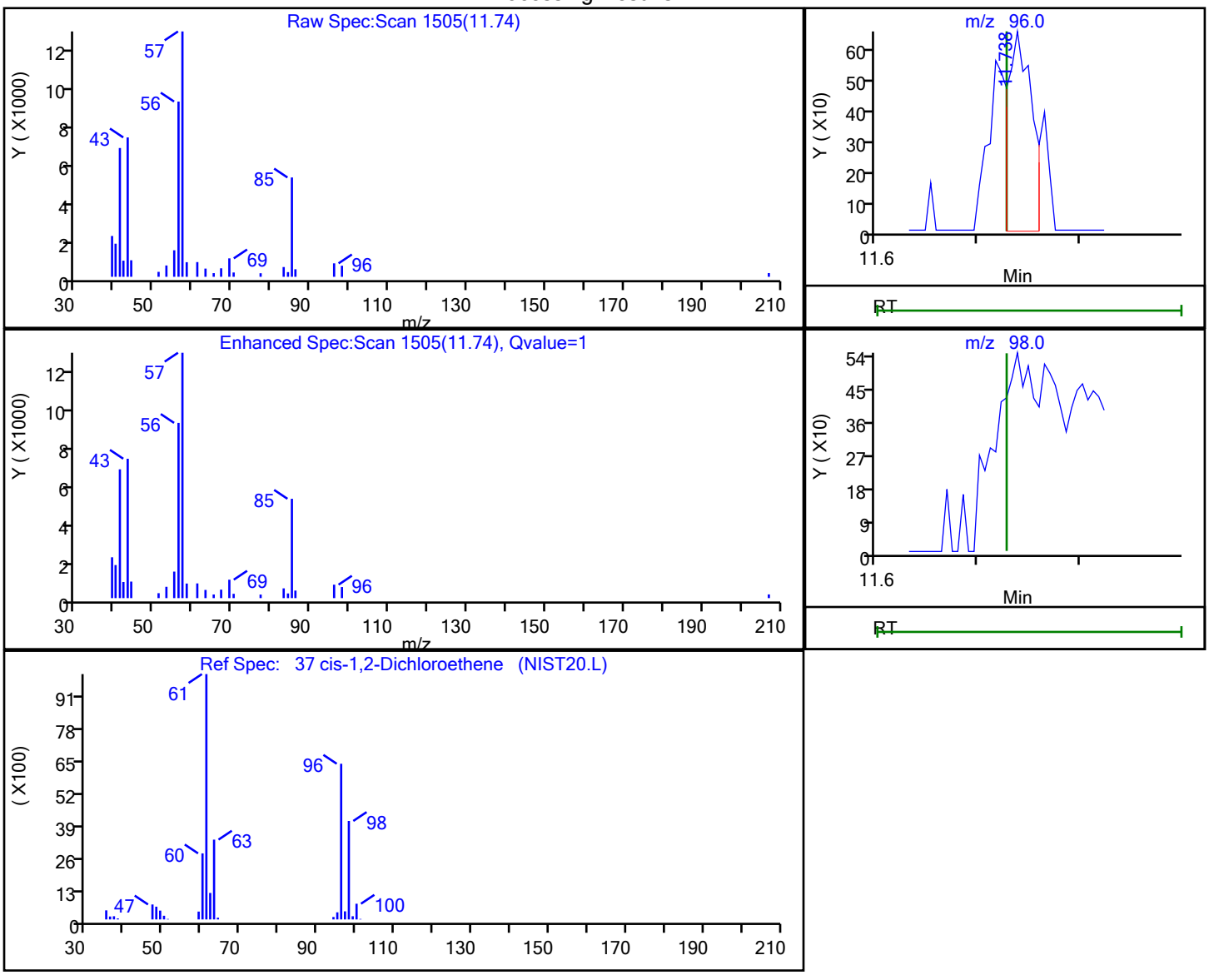
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d				
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
11.74	96.00	1091	0.033984
11.73	98.00	0	

Reviewer: BKZ7, 26-Jun-2025 08:53:40 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

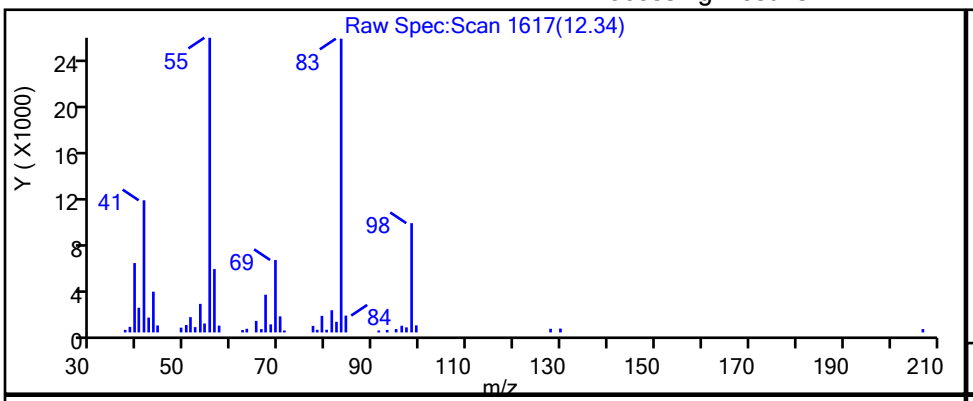
User Disabled Compound Report

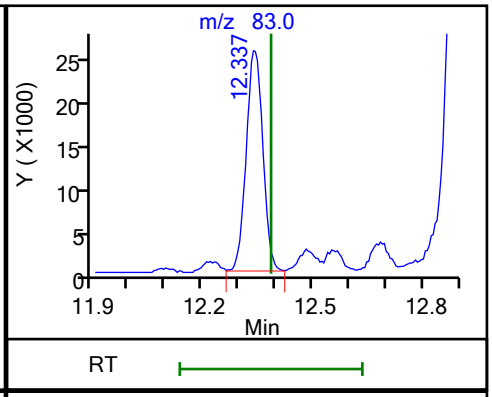
Eurofins Burlington

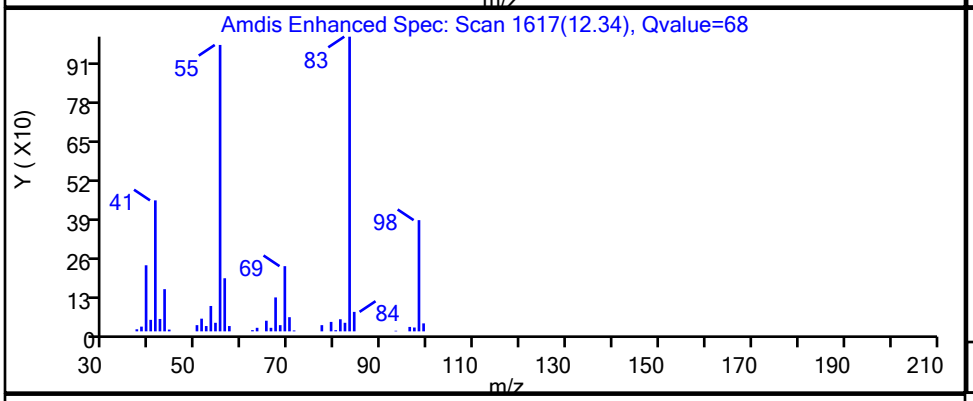
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Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

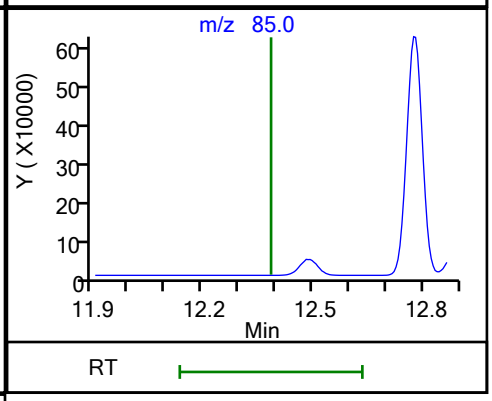
41 Chloroform, CAS: 67-66-3

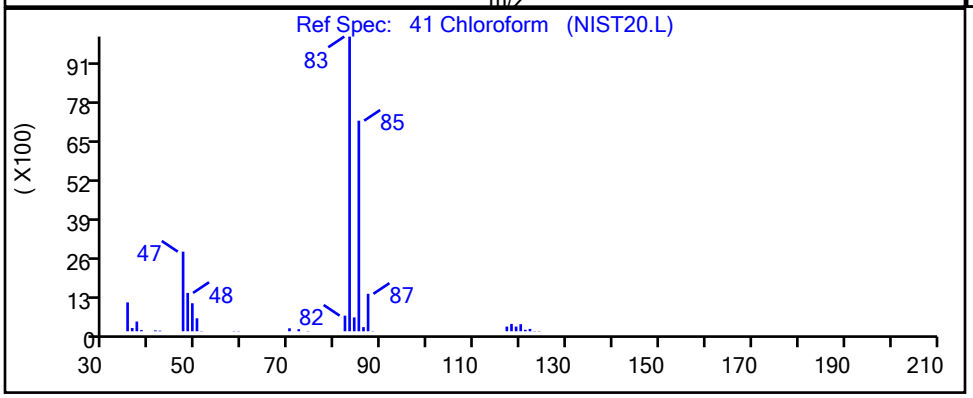
Processing Results











RT	Mass	Response	Amount
12.34	83.00	79342	1.352635
12.39	85.00	0	

Reviewer: BKZ7, 26-Jun-2025 08:53:43 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

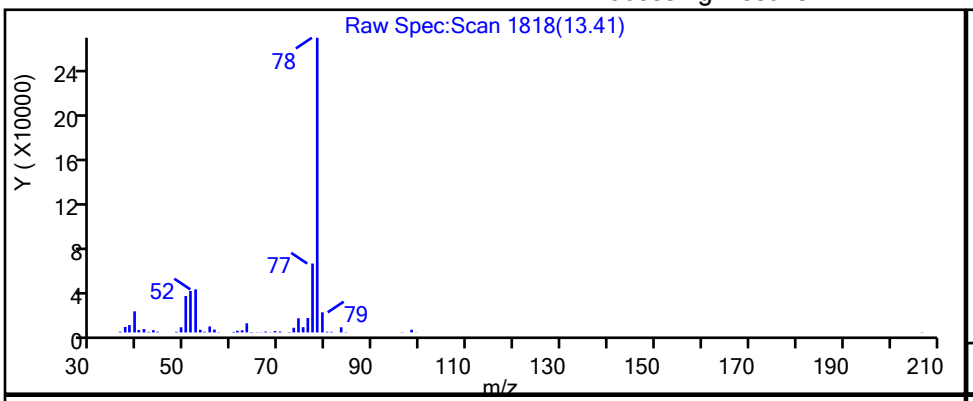
User Disabled Compound Report

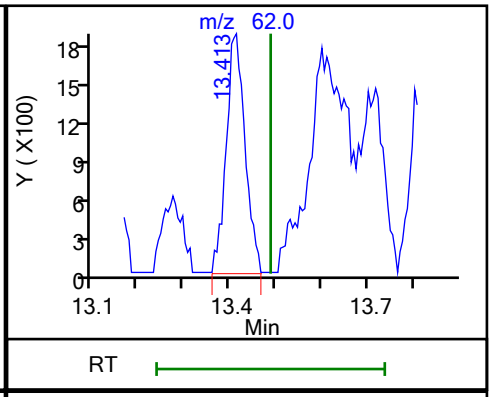
Eurofins Burlington

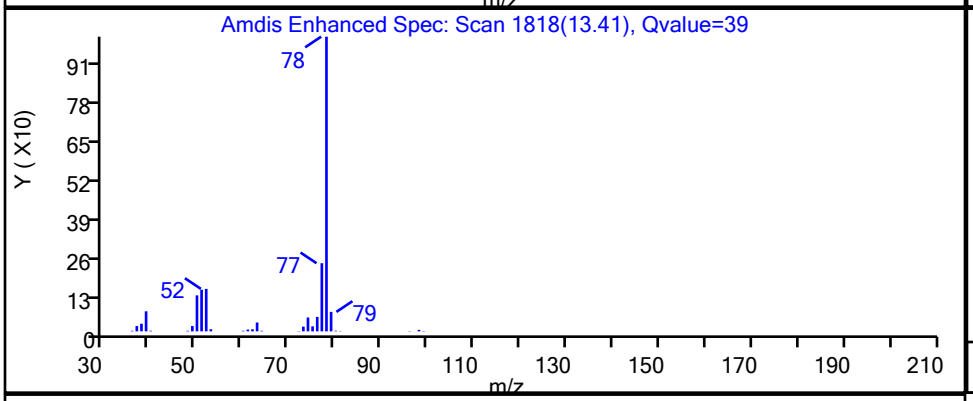
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d				
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

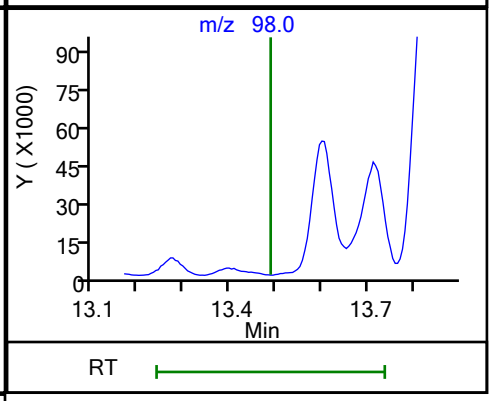
46 1,2-Dichloroethane, CAS: 107-06-2

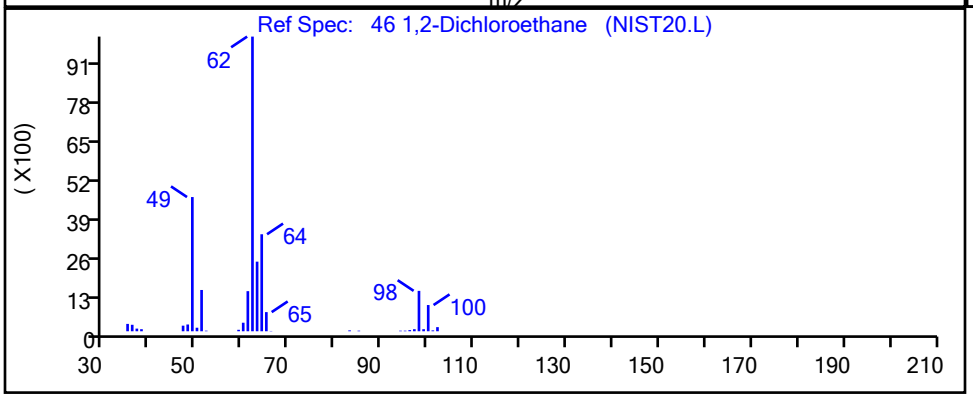
Processing Results











RT	Mass	Response	Amount
13.41	62.00	5404	0.152097
13.49	98.00	0	

Reviewer: BKZ7, 26-Jun-2025 08:53:47 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

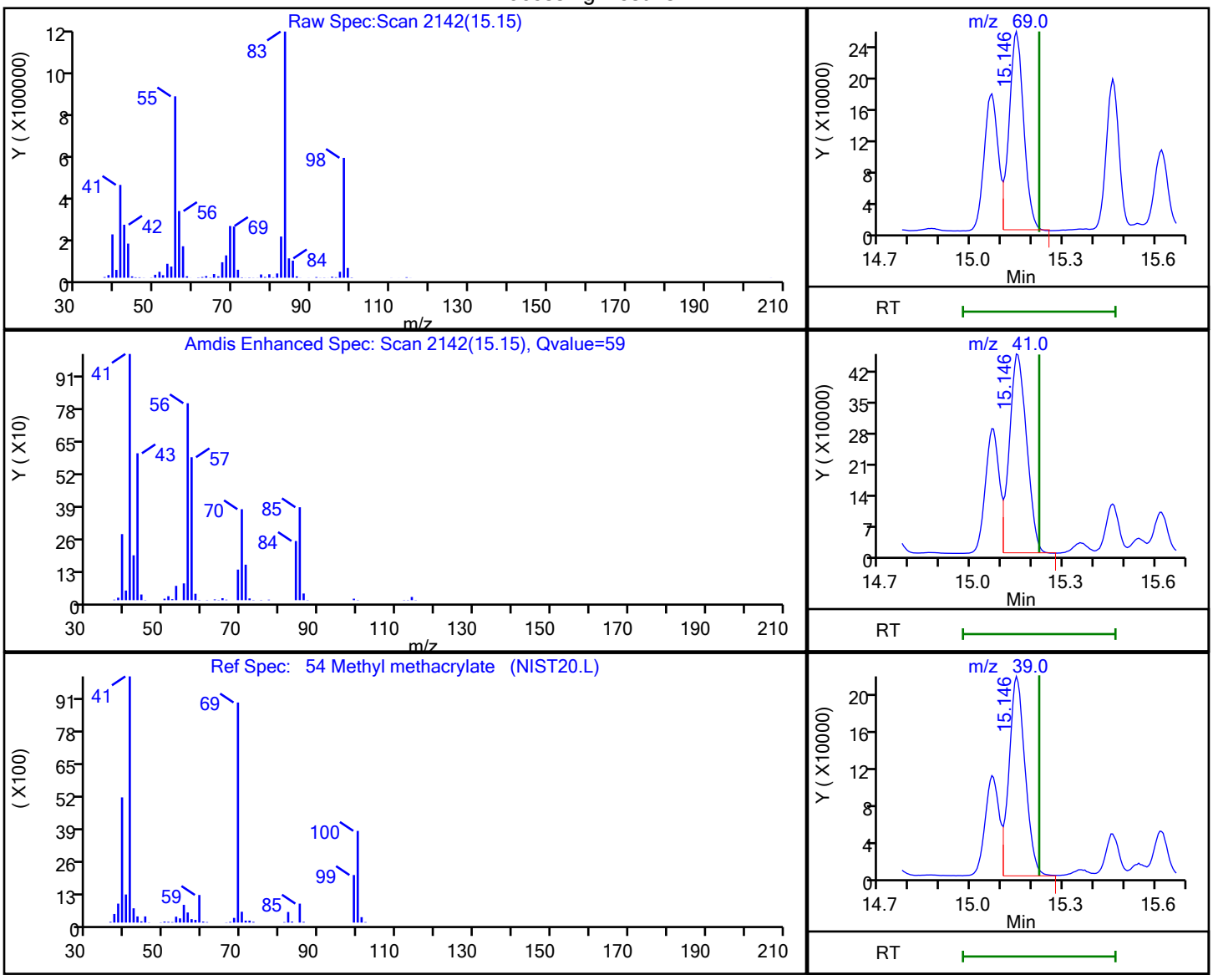
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d				
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

54 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
15.15	69.00	838780	25.424808
15.15	41.00	1775981	
15.15	39.00	764727	

Reviewer: BKZ7, 26-Jun-2025 08:54:00 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

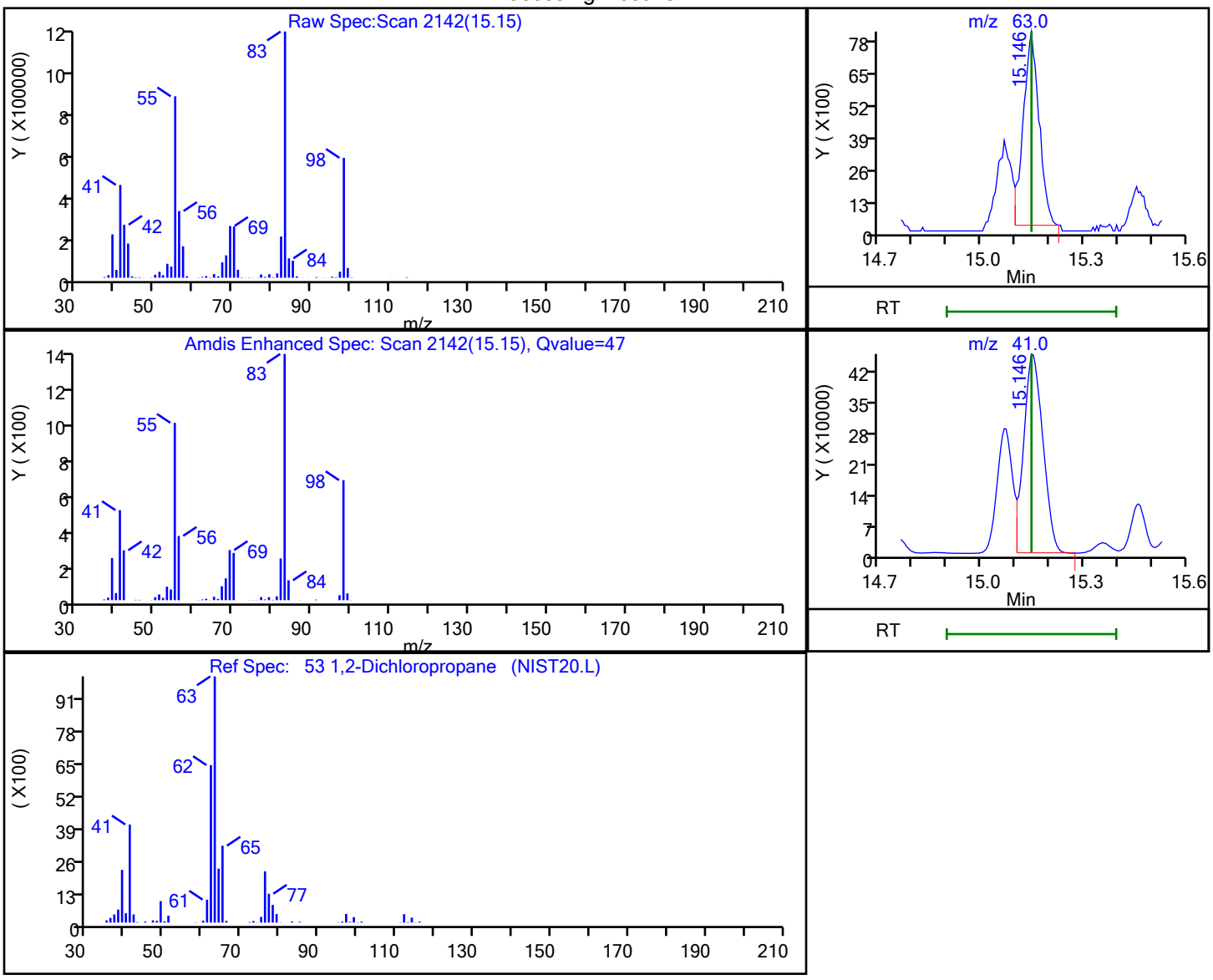
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d				
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
15.15	63.00	25484	0.701703
15.15	41.00	1774715	

Reviewer: BKZ7, 26-Jun-2025 08:53:58 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

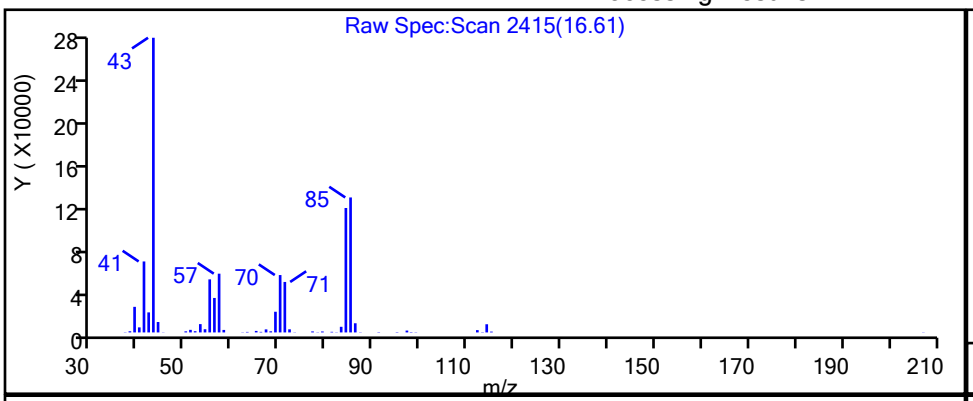
User Disabled Compound Report

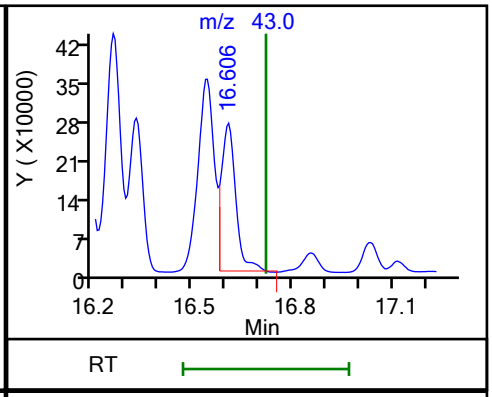
Eurofins Burlington

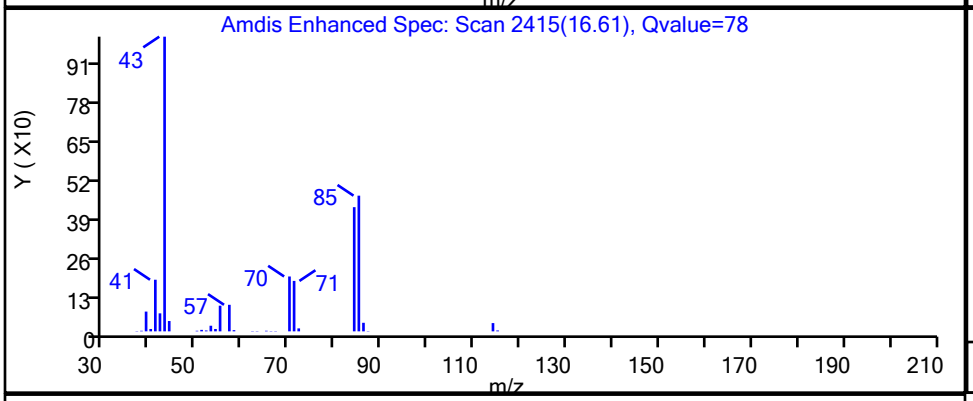
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d				
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

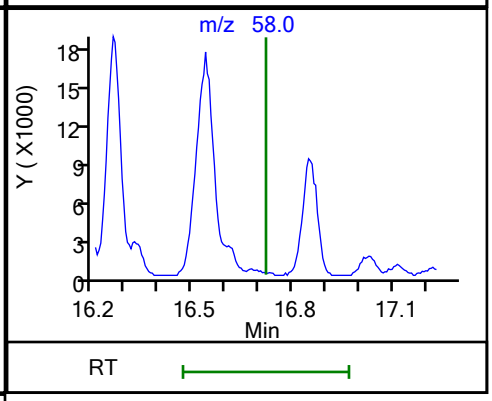
61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

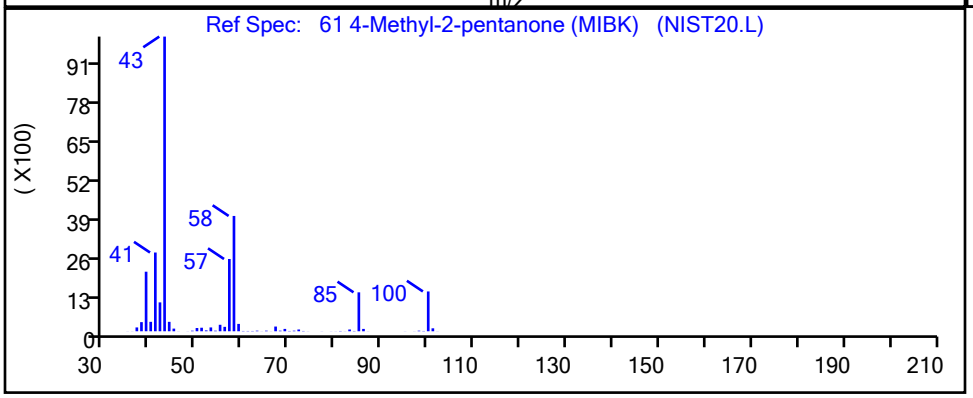
Processing Results











RT	Mass	Response	Amount
16.61	43.00	811812	14.040609
16.72	58.00	0	

Reviewer: BKZ7, 26-Jun-2025 08:54:03 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

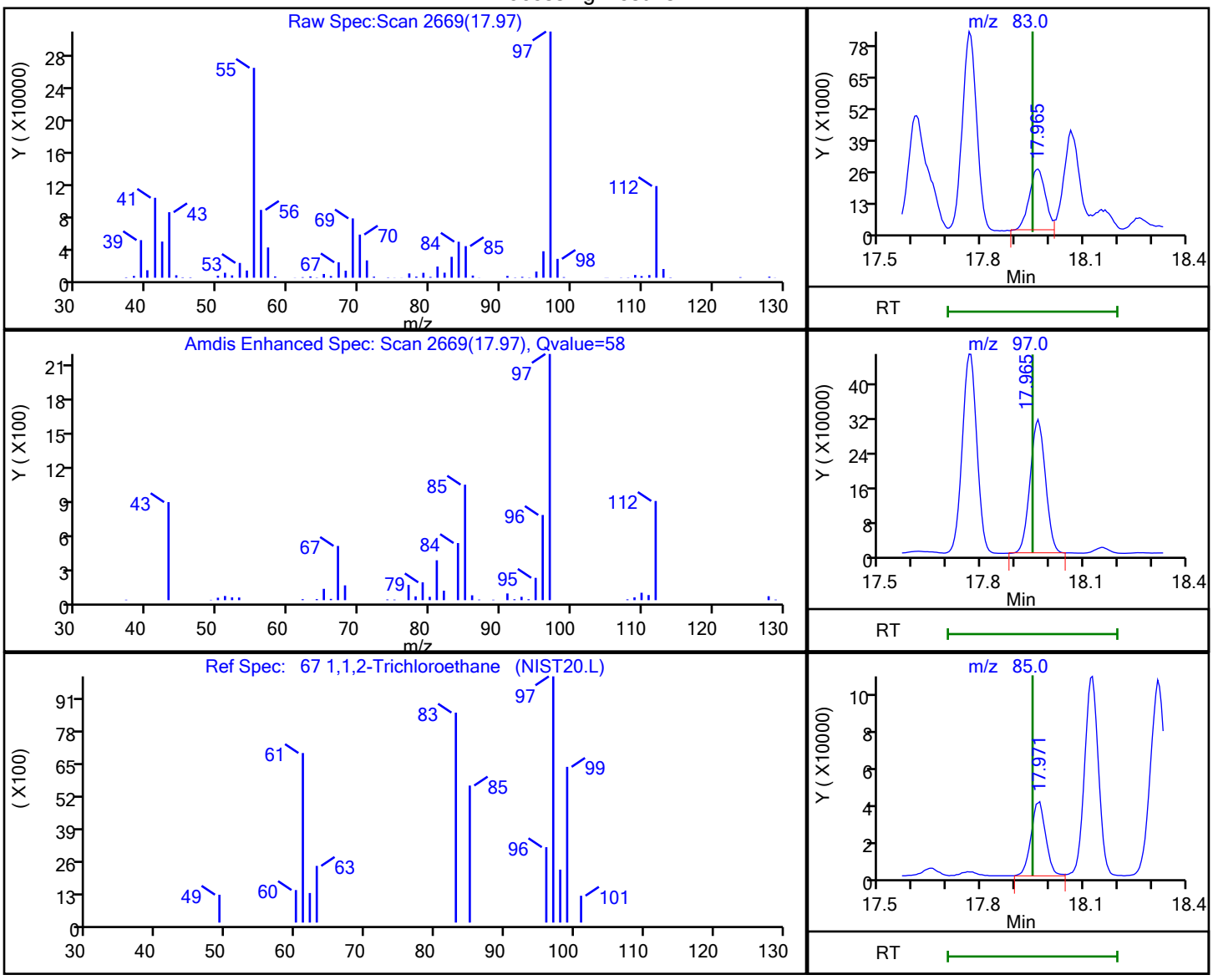
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d				
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	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
17.97	83.00	87644	2.595649
17.97	97.00	975571	
17.97	85.00	121800	

Reviewer: BKZ7, 26-Jun-2025 08:54:13 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

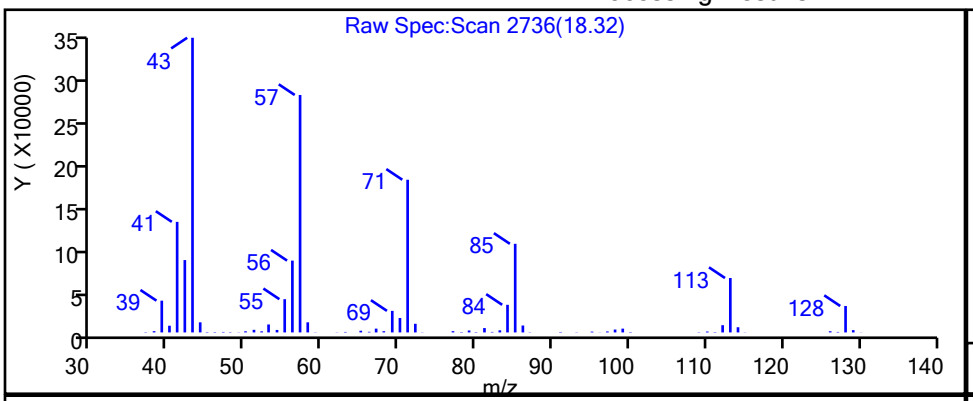
User Disabled Compound Report

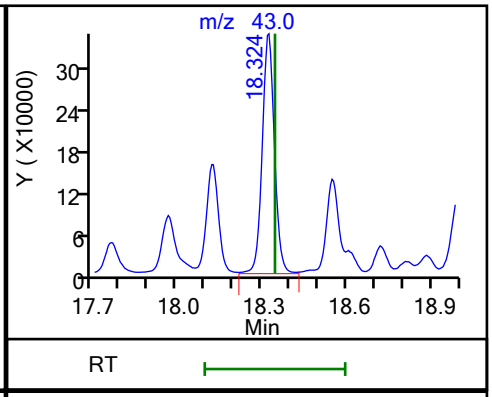
Eurofins Burlington

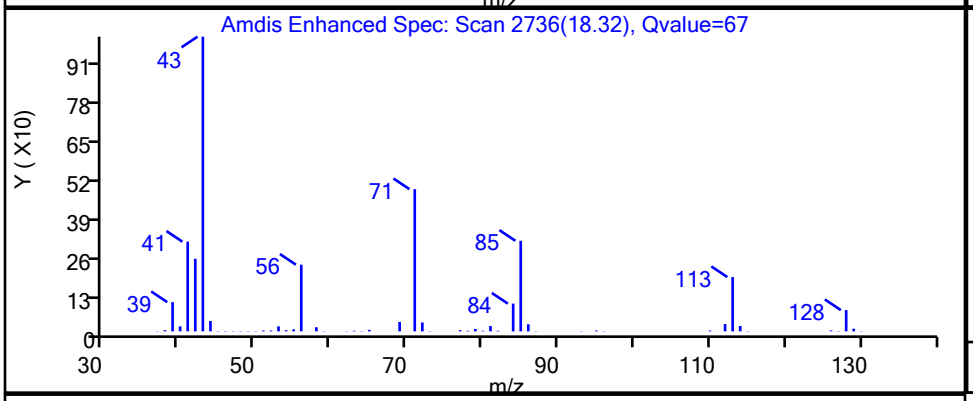
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d				
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

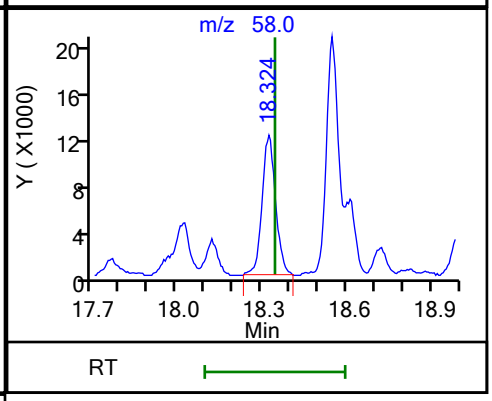
69 2-Hexanone, CAS: 591-78-6

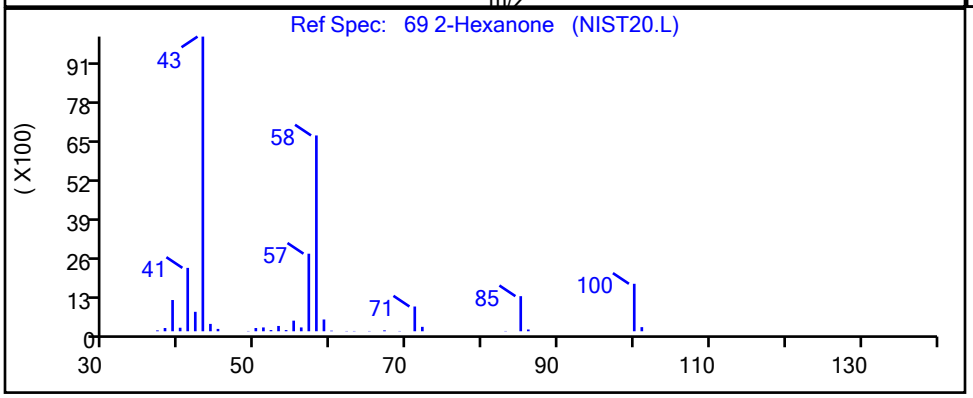
Processing Results











RT	Mass	Response	Amount
18.32	43.00	1021753	19.404798
18.32	58.00	39726	

Reviewer: BKZ7, 26-Jun-2025 08:54:20 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

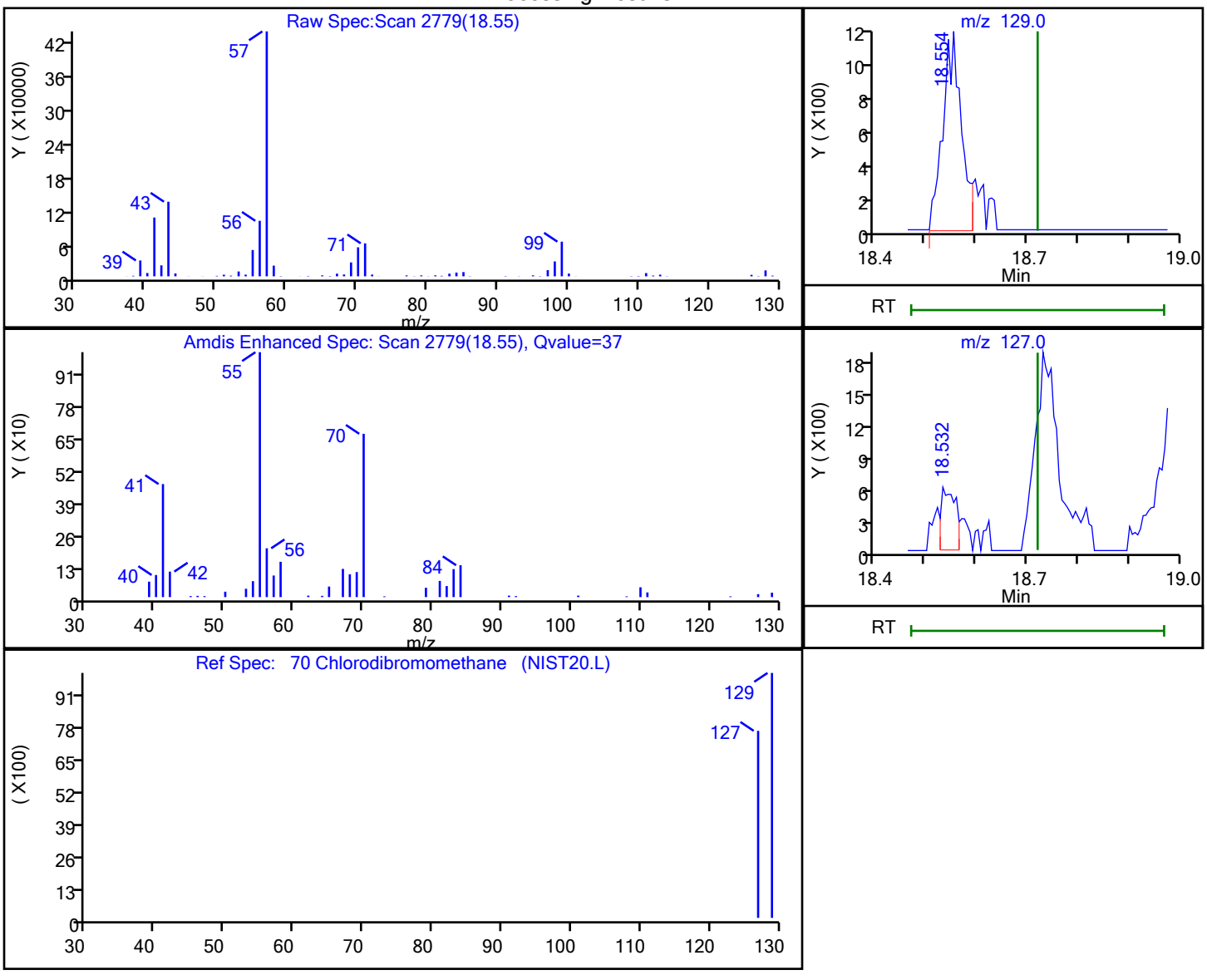
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d				
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

70 Chlorodibromomethane, CAS: 124-48-1

Processing Results



RT	Mass	Response	Amount
18.55	129.00	3031	0.043666
18.53	127.00	1208	

Reviewer: BKZ7, 26-Jun-2025 08:54:22 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

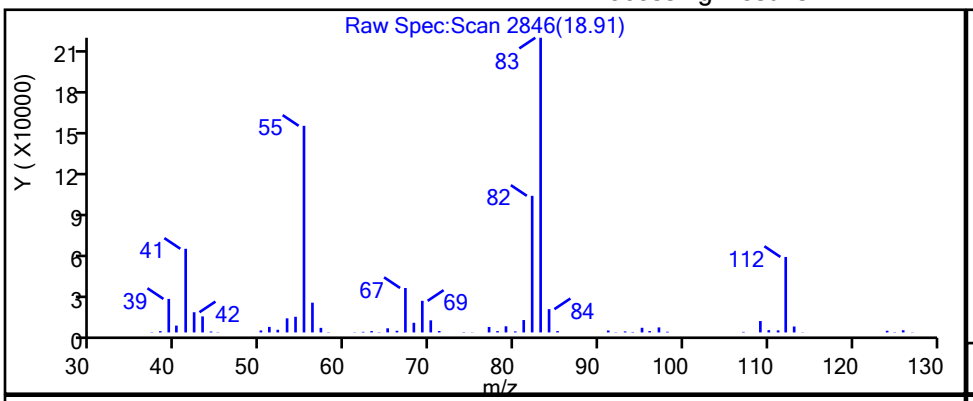
User Disabled Compound Report

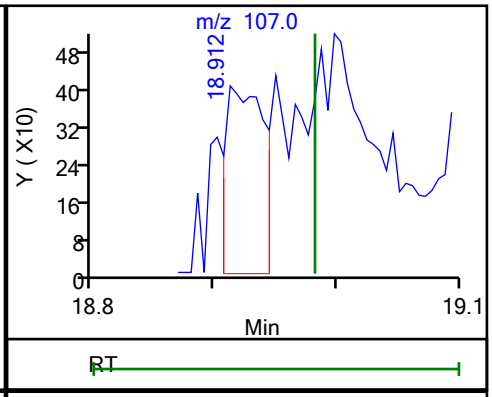
Eurofins Burlington

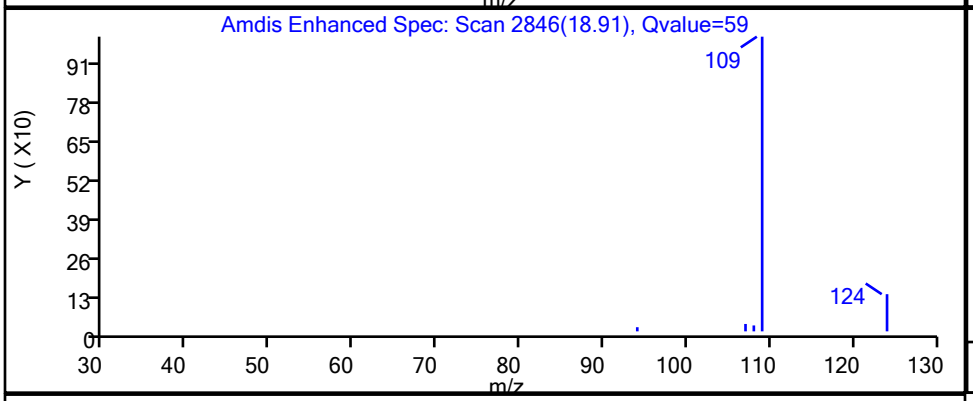
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Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

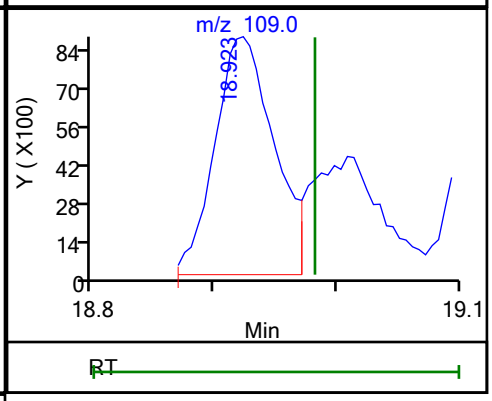
71 Ethylene Dibromide, CAS: 106-93-4

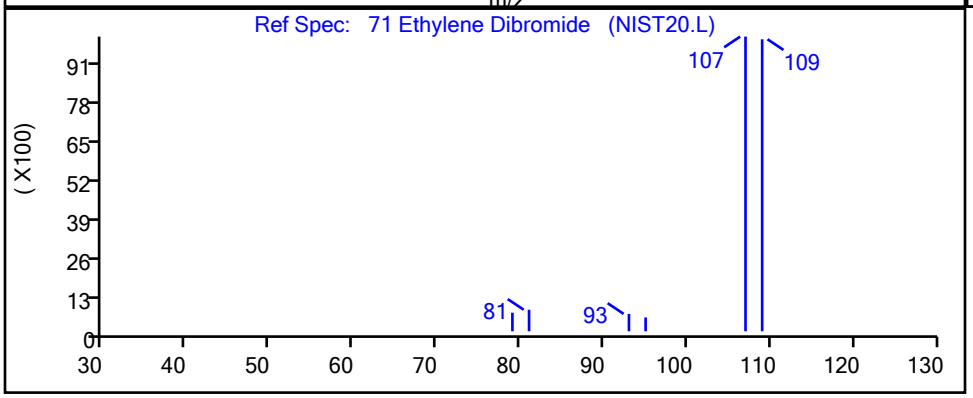
Processing Results











RT	Mass	Response	Amount
18.91	107.00	902	0.014905
18.92	109.00	29787	

Reviewer: BKZ7, 26-Jun-2025 08:54:23 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

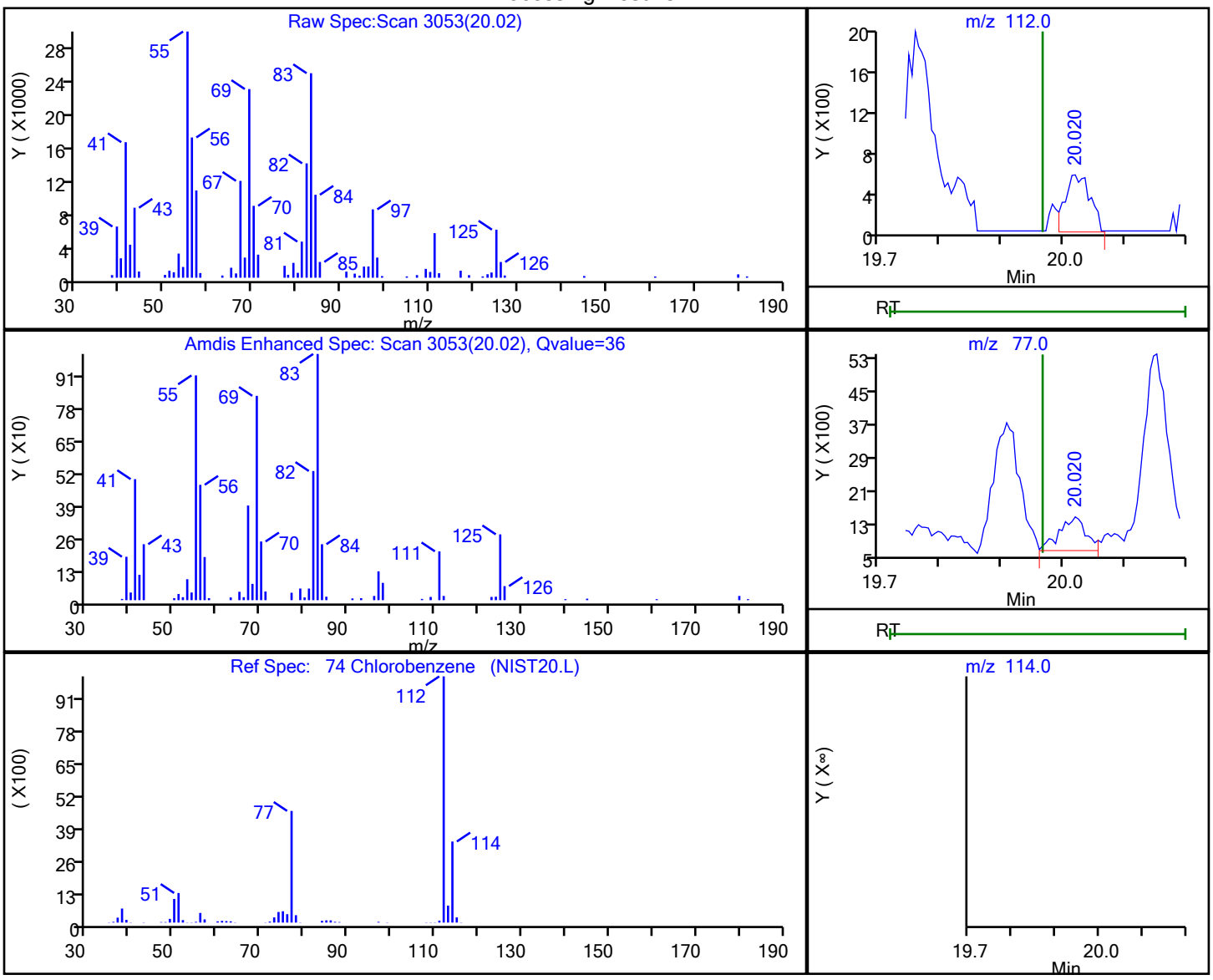
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d				
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
20.02	112.00	1505	0.015158
20.02	77.00	2332	
19.97	114.00	0	

Reviewer: BKZ7, 26-Jun-2025 08:54:26 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Report Date: 26-Jun-2025 08:55:04 Chrom Revision: 2.3 14-Jun-2025 12:06:34

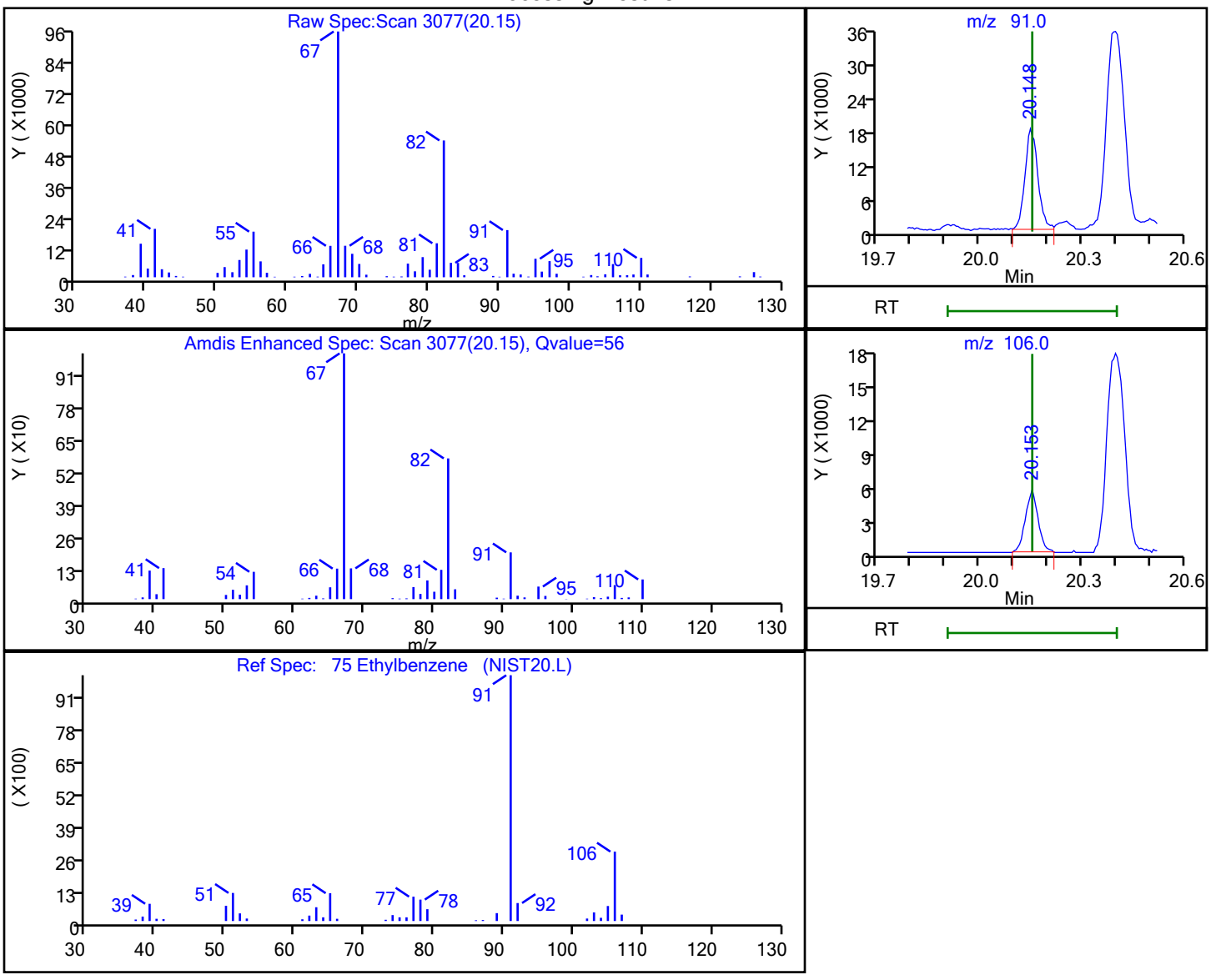
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d				
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
20.15	91.00	46431	0.318384
20.15	106.00	14800	

Reviewer: BKZ7, 26-Jun-2025 08:54:29 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

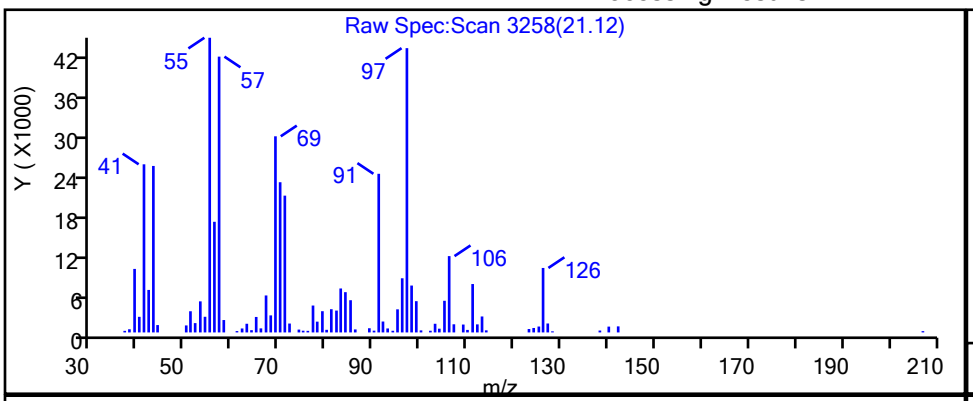
User Disabled Compound Report

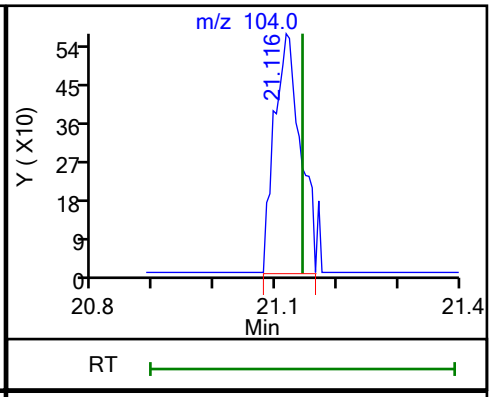
Eurofins Burlington

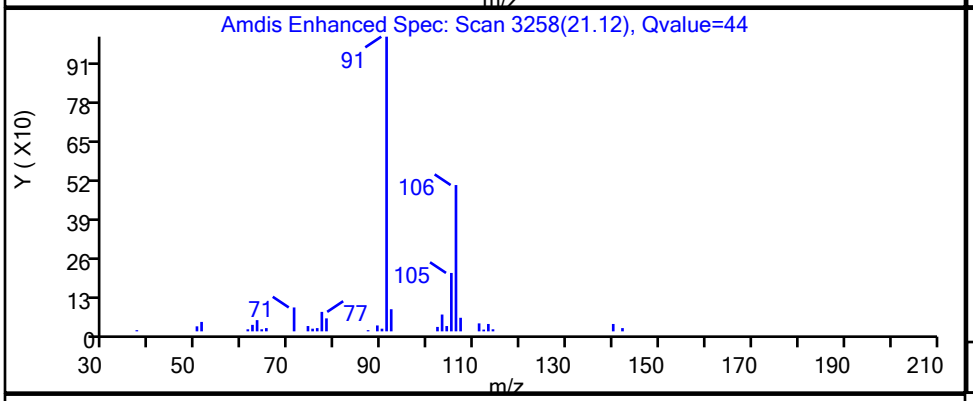
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d				
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

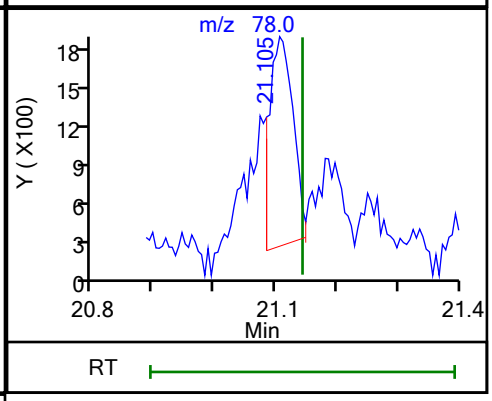
79 Styrene, CAS: 100-42-5

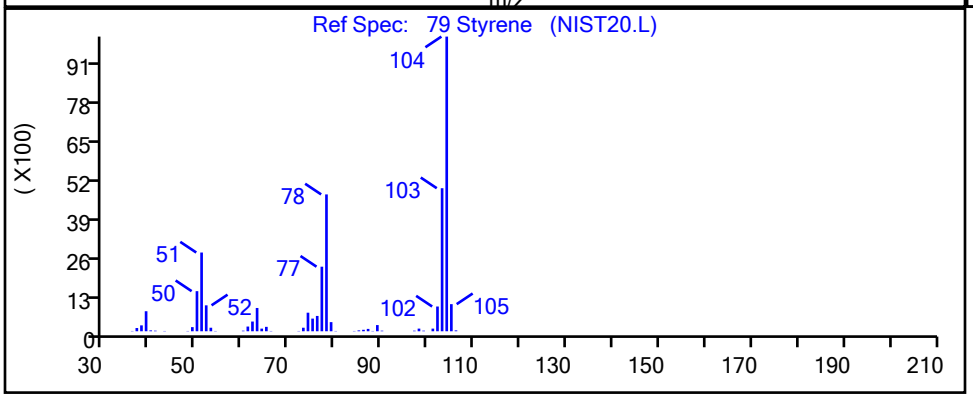
Processing Results











RT	Mass	Response	Amount
21.12	104.00	1661	0.018751
21.11	78.00	4253	

Reviewer: BKZ7, 26-Jun-2025 08:54:33 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

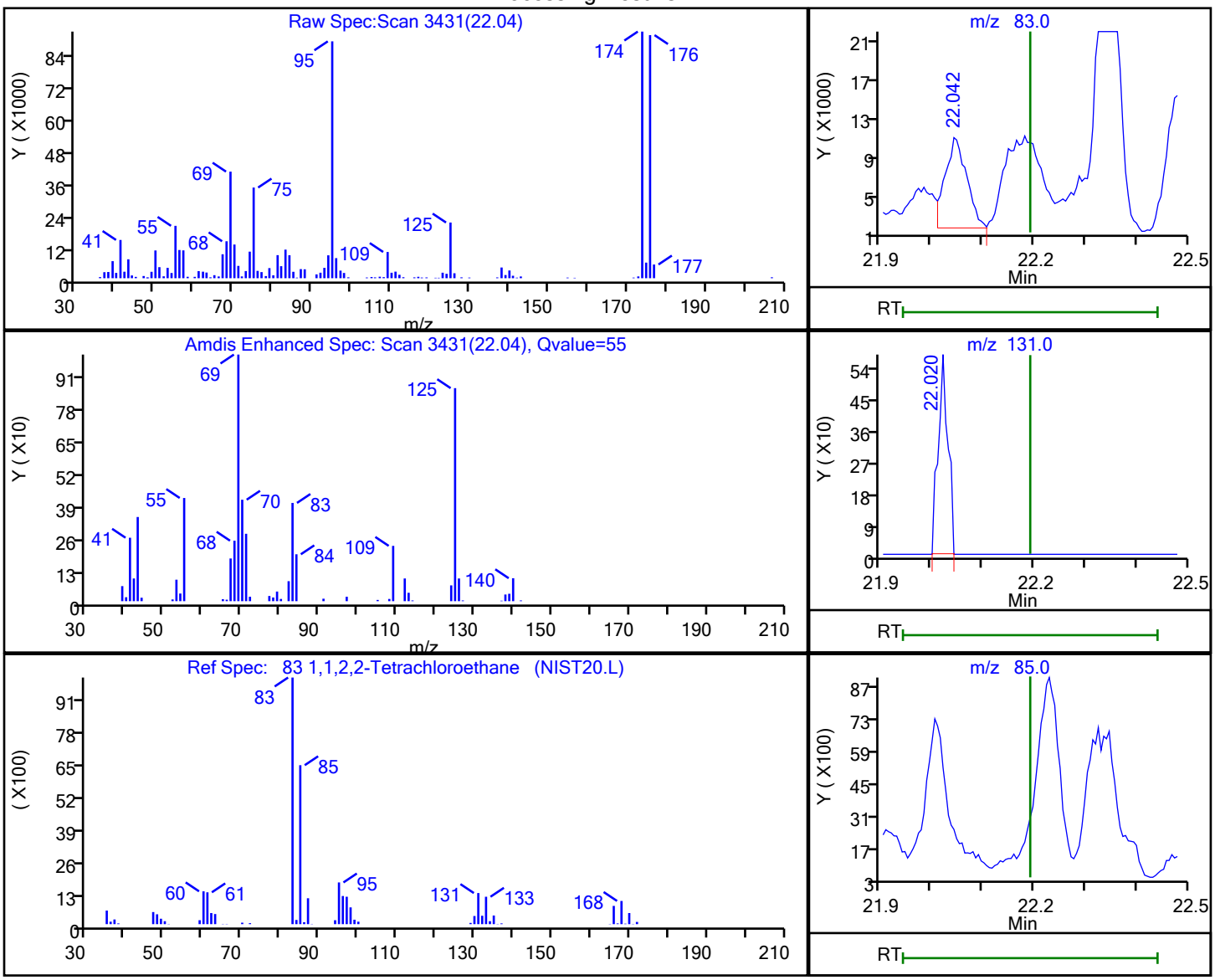
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d				
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

83 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
22.04	83.00	26448	0.291357
22.02	131.00	774	
22.19	85.00	0	

Reviewer: BKZ7, 26-Jun-2025 08:54:36 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

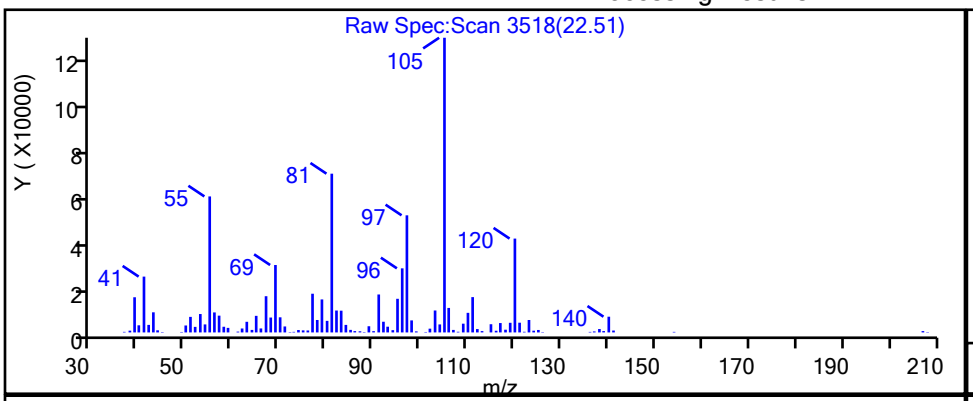
User Disabled Compound Report

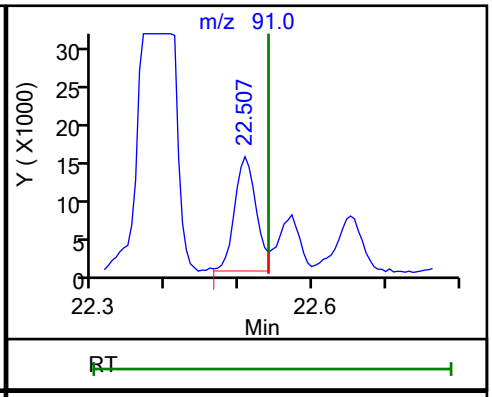
Eurofins Burlington

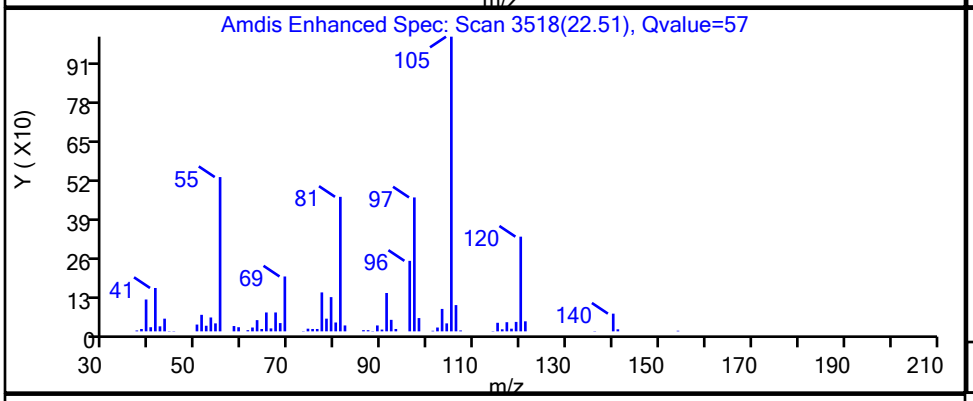
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d				
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

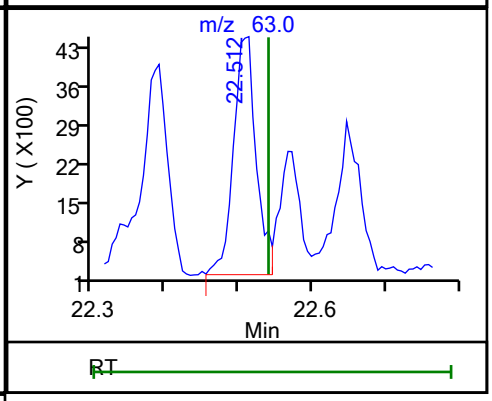
86 2-Chlorotoluene, CAS: 95-49-8

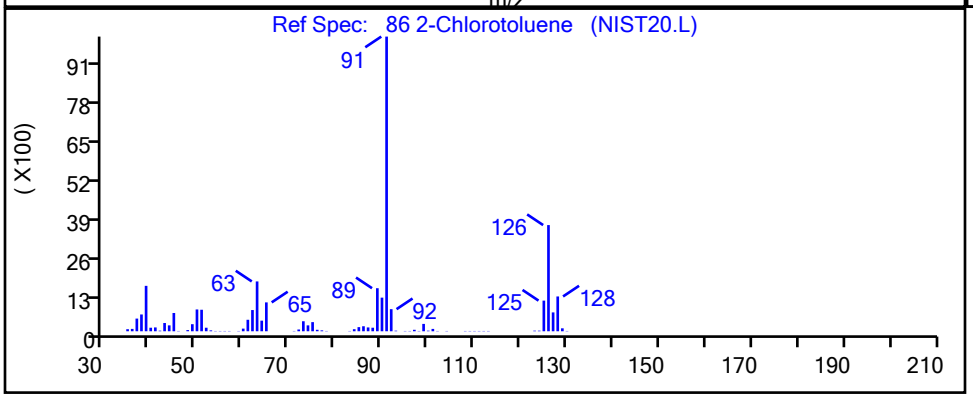
Processing Results











RT	Mass	Response	Amount
22.51	91.00	30656	0.217398
22.51	63.00	9208	

Reviewer: BKZ7, 26-Jun-2025 08:54:39 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

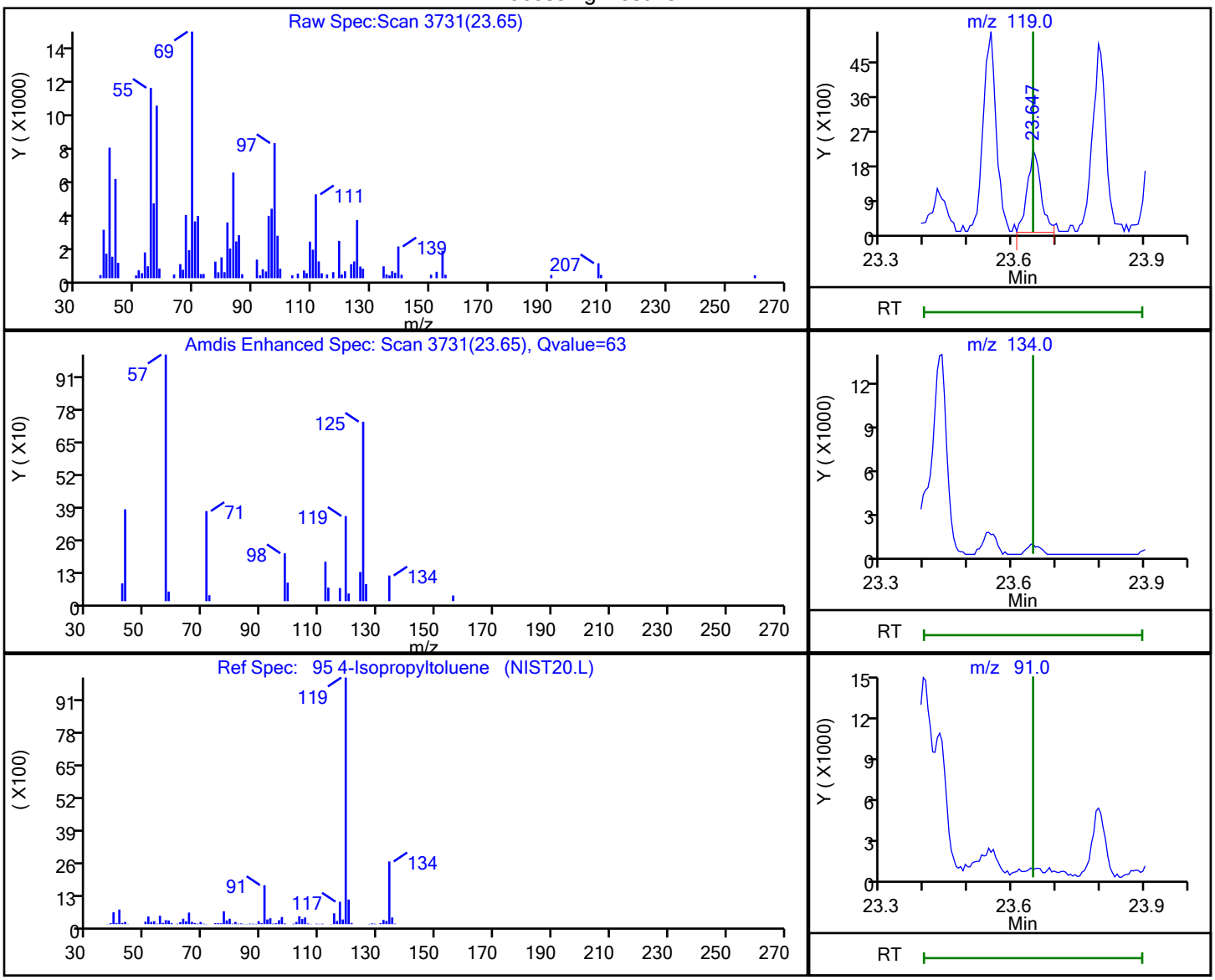
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-26.d				
Injection Date:	26-Jun-2025 05:29:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	200.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
23.65	119.00	4534	0.025684
23.65	134.00	0	
23.65	91.00	0	

Reviewer: BKZ7, 26-Jun-2025 08:54:54 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins Burlington | Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-07 DL | Lab Sample ID: 200-78438-6 DL

Matrix: Air | Lab File ID: 65728-27.d

Analysis Method: TO-15 | Date Collected: 06/20/2025 16:15

Sample wt/vol: 16(mL) | Date Analyzed: 06/26/2025 06:21

Soil Aliquot Vol: | Dilution Factor: 1040

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.: 217812 | Units: ug/m3

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	*Dichlorodifluoromethane*	*120.91*	*2600*	*U*	*2600*	*1100*
75-45-6	*Chlorodifluoromethane*	*86.47*	*4100*	*D*	*1800*	*1300*
76-14-2	*1,2-Dichlorotetrafluoroethane*	*170.92*	*1500*	*U*	*1500*	*550*
74-87-3	*Chloromethane*	*50.49*	*1100*	*U*	*1100*	*710*
106-97-8	*n-Butane*	*58.12*	*24000*	*D*	*1200*	*770*
75-01-4	*Vinyl chloride*	*62.50*	*210*	*U*	*210*	*77*
106-99-0	*1,3-Butadiene*	*54.09*	*460*	*U*	*460*	*92*
74-83-9	*Bromomethane*	*94.94*	*810*	*U*	*810*	*250*
75-00-3	*Chloroethane*	*64.52*	*1400*	*U*	*1400*	*440*
593-60-2	*Bromoethene(Vinyl Bromide)*	*106.96*	*910*	*U*	*910*	*220*
75-69-4	*Trichlorofluoromethane*	*137.37*	*1200*	*U*	*1200*	*450*
76-13-1	*1,1,2-Trichlorotrifluoroethane*	*187.38*	*1600*	*U*	*1600*	*450*
75-35-4	*1,1-Dichloroethene*	*96.94*	*210*	*U*	*210*	*140*
67-64-1	*Acetone*	*58.08*	*12000*	*U*	*12000*	*4700*
67-63-0	*Isopropyl alcohol*	*60.10*	*13000*	*U*	*13000*	*5600*
75-15-0	*Carbon disulfide*	*76.14*	*1600*	*U*	*1600*	*580*
107-05-1	*3-Chloropropene*	*76.53*	*1600*	*U*	*1600*	*260*
75-09-2	*Methylene Chloride*	*84.93*	*1800*	*U*	*1800*	*690*
75-65-0	*tert-Butyl alcohol*	*74.12*	*16000*	*U*	*16000*	*5000*
1634-04-4	*Methyl tert-butyl ether*	*88.15*	*750*	*U*	*750*	*250*
156-60-5	*trans-1,2-Dichloroethene*	*96.94*	*820*	*U*	*820*	*82*
110-54-3	n-Hexane	86.17	49000	D	1800	590
75-34-3	*1,1-Dichloroethane*	*98.96*	*840*	*U*	*840*	*76*
78-93-3	*Methyl Ethyl Ketone (2-Butanone)*	*72.11*	*1500*	*U*	*1500*	*430*
156-59-2	*cis-1,2-Dichloroethene*	*96.94*	*210*	*U*	*210*	*130*
67-66-3	*Chloroform*	*119.38*	*1000*	*U*	*1000*	*300*
109-99-9	*Tetrahydrofuran*	*72.11*	*15000*	*U*	*15000*	*5200*
71-55-6	*1,1,1-Trichloroethane*	*133.41*	*1100*	*U*	*1100*	*410*
110-82-7	Cyclohexane	84.16	43000	D	720	190
56-23-5	*Carbon tetrachloride*	*153.81*	*230*	*U*	*230*	*160*

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-07 DL Lab Sample ID: 200-78438-6 DL

Matrix: Air Lab File ID: 65728-27.d

Analysis Method: TO-15 Date Collected: 06/20/2025 16:15

Sample wt/vol: 16(mL) Date Analyzed: 06/26/2025 06:21

Soil Aliquot Vol: Dilution Factor: 1040

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.: 217812 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	2,2,4-Trimethylpentane	114.23	48000	D	970	340
71-43-2	*Benzene*	*78.11*	*4100*	*D*	*660*	*170*
107-06-2	*1,2-Dichloroethane*	*98.96*	*840*	*U*	*840*	*310*
142-82-5	*n-Heptane*	*100.21*	*16000*	*D*	*850*	*370*
79-01-6	*Trichloroethene*	*131.39*	*210*	*U*	*210*	*160*
80-62-6	*Methyl methacrylate*	*100.12*	*2100*	*U*	*2100*	*550*
78-87-5	*1,2-Dichloropropane*	*112.99*	*960*	*U*	*960*	*260*
123-91-1	*1,4-Dioxane*	*88.11*	*19000*	*U*	*19000*	*710*
75-27-4	*Bromodichloromethane*	*163.83*	*1400*	*U*	*1400*	*400*
10061-01-5	*cis-1,3-Dichloropropene*	*110.97*	*940*	*U*	*940*	*260*
108-10-1	*4-Methyl-2-pentanone (Methyl isobutyl ketone)*	*100.16*	*2100*	*U*	*2100*	*810*
108-88-3	*Toluene*	*92.14*	*360*	*J D*	*780*	*210*
10061-02-6	*trans-1,3-Dichloropropene*	*110.97*	*940*	*U*	*940*	*290*
79-00-5	*1,1,2-Trichloroethane*	*133.41*	*1100*	*U*	*1100*	*300*
127-18-4	*Tetrachloroethene*	*165.83*	*1400*	*U*	*1400*	*250*
591-78-6	*Methyl Butyl Ketone (2-Hexanone)*	*100.20*	*2100*	*U*	*2100*	*850*
124-48-1	*Dibromochloromethane*	*208.28*	*1800*	*U*	*1800*	*470*
106-93-4	*1,2-Dibromoethane*	*187.87*	*1600*	*U*	*1600*	*360*
108-90-7	*Chlorobenzene*	*112.56*	*960*	*U*	*960*	*230*
100-41-4	*Ethylbenzene*	*106.17*	*900*	*U*	*900*	*230*
179601-23-1	*m,p-Xylene*	*106.17*	*740*	*J D*	*2300*	*63*
95-47-6	*o-Xylene*	*106.17*	*900*	*U*	*900*	*310*
100-42-5	*Styrene*	*104.15*	*890*	*U*	*890*	*250*
75-25-2	*Bromoform*	*252.75*	*2200*	*U*	*2200*	*620*
98-82-8	*Cumene*	*120.19*	*1300*	*D*	*1000*	*370*
79-34-5	*1,1,2,2-Tetrachloroethane*	*167.85*	*1400*	*U*	*1400*	*440*
103-65-1	*n-Propylbenzene*	*120.19*	*960*	*J D*	*1000*	*320*
622-96-8	*4-Ethyltoluene*	*120.20*	*500*	*J D*	*1000*	*350*
108-67-8	*1,3,5-Trimethylbenzene*	*120.20*	*600*	*J D*	*1000*	*350*
95-49-8	*2-Chlorotoluene*	*126.59*	*1100*	*U*	*1100*	*310*

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-07 DL Lab Sample ID: 200-78438-6 DL

Matrix: Air Lab File ID: 65728-27.d

Analysis Method: TO-15 Date Collected: 06/20/2025 16:15

Sample wt/vol: 16(mL) Date Analyzed: 06/26/2025 06:21

Soil Aliquot Vol: Dilution Factor: 1040

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.: 217812 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
98-06-6	*tert-Butylbenzene*	*134.22*	*1100*	*U*	*1100*	*400*
95-63-6	*1,2,4-Trimethylbenzene*	*120.20*	*1200*	*D*	*1000*	*420*
135-98-8	*sec-Butylbenzene*	*134.22*	*440*	*J D*	*1100*	*410*
99-87-6	*4-Isopropyltoluene*	*134.22*	*1100*	*U*	*1100*	*450*
541-73-1	*1,3-Dichlorobenzene*	*147.00*	*1300*	*U*	*1300*	*390*
106-46-7	*1,4-Dichlorobenzene*	*147.00*	*1300*	*U*	*1300*	*440*
100-44-7	*Benzyl chloride*	*126.58*	*1100*	*U*	*1100*	*400*
104-51-8	*n-Butylbenzene*	*134.22*	*1100*	*U*	*1100*	*400*
95-50-1	*1,2-Dichlorobenzene*	*147.00*	*1300*	*U*	*1300*	*410*
120-82-1	*1,2,4-Trichlorobenzene*	*181.45*	*3900*	*U*	*3900*	*2300*
87-68-3	*Hexachlorobutadiene*	*260.76*	*2200*	*U*	*2200*	*870*
91-20-3	*Naphthalene*	*128.17*	*2100*	*U*	*2100*	*600*

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

Lab Name: Eurofins Burlington | Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-07 DL | Lab Sample ID: 200-78438-6 DL

Matrix: Air | Lab File ID: 65728-27.d

Analysis Method: TO-15 | Date Collected: 06/20/2025 16:15

Sample wt/vol: 16(mL) | Date Analyzed: 06/26/2025 06:21

Soil Aliquot Vol: | Dilution Factor: 1040

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.: 217812 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	520	U	520	230
75-45-6	Chlorodifluoromethane	86.47	1200	D	520	370
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	210	U	210	79
74-87-3	Chloromethane	50.49	520	U	520	340
106-97-8	n-Butane	58.12	10000	D	520	320
75-01-4	Vinyl chloride	62.50	81	U	81	30
106-99-0	1,3-Butadiene	54.09	210	U	210	42
74-83-9	Bromomethane	94.94	210	U	210	64
75-00-3	Chloroethane	64.52	520	U	520	170
593-60-2	Bromoethene(Vinyl Bromide)	106.96	210	U	210	50
75-69-4	Trichlorofluoromethane	137.37	210	U	210	80
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	210	U	210	59
75-35-4	1,1-Dichloroethene	96.94	52	U	52	36
67-64-1	Acetone	58.08	5200	U	5200	2000
67-63-0	Isopropyl alcohol	60.10	5200	U	5200	2300
75-15-0	Carbon disulfide	76.14	520	U	520	190
107-05-1	3-Chloropropene	76.53	520	U	520	84
75-09-2	Methylene Chloride	84.93	520	U	520	200
75-65-0	tert-Butyl alcohol	74.12	5200	U	5200	1700
1634-04-4	Methyl tert-butyl ether	88.15	210	U	210	69
156-60-5	trans-1,2-Dichloroethene	96.94	210	U	210	21
110-54-3	n-Hexane	86.17	14000	D	520	170
75-34-3	1,1-Dichloroethane	98.96	210	U	210	19
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	520	U	520	150
156-59-2	cis-1,2-Dichloroethene	96.94	52	U	52	33
67-66-3	Chloroform	119.38	210	U	210	61
109-99-9	Tetrahydrofuran	72.11	5200	U	5200	1800
71-55-6	1,1,1-Trichloroethane	133.41	210	U	210	76
110-82-7	Cyclohexane	84.16	13000	D	210	54
56-23-5	Carbon tetrachloride	153.81	36	U	36	25

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-07 DL Lab Sample ID: 200-78438-6 DL

Matrix: Air Lab File ID: 65728-27.d

Analysis Method: TO-15 Date Collected: 06/20/2025 16:15

Sample wt/vol: 16(mL) Date Analyzed: 06/26/2025 06:21

Soil Aliquot Vol: Dilution Factor: 1040

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.: 217812 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	2,2,4-Trimethylpentane	114.23	10000	D	210	74
71-43-2	Benzene	78.11	1300	D	210	53
107-06-2	1,2-Dichloroethane	98.96	210	U	210	77
142-82-5	n-Heptane	100.21	3800	D	210	89
79-01-6	Trichloroethene	131.39	39	U	39	30
80-62-6	Methyl methacrylate	100.12	520	U	520	140
78-87-5	1,2-Dichloropropane	112.99	210	U	210	57
123-91-1	1,4-Dioxane	88.11	5200	U	5200	200
75-27-4	Bromodichloromethane	163.83	210	U	210	60
10061-01-5	cis-1,3-Dichloropropene	110.97	210	U	210	58
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	520	U	520	200
108-88-3	Toluene	92.14	97	J D	210	56
10061-02-6	trans-1,3-Dichloropropene	110.97	210	U	210	64
79-00-5	1,1,2-Trichloroethane	133.41	210	U	210	55
127-18-4	Tetrachloroethene	165.83	210	U	210	37
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	520	U	520	210
124-48-1	Dibromochloromethane	208.28	210	U	210	55
106-93-4	1,2-Dibromoethane	187.87	210	U	210	47
108-90-7	Chlorobenzene	112.56	210	U	210	49
100-41-4	Ethylbenzene	106.17	210	U	210	53
179601-23-1	m,p-Xylene	106.17	170	J D	520	15
95-47-6	o-Xylene	106.17	210	U	210	72
100-42-5	Styrene	104.15	210	U	210	58
75-25-2	Bromoform	252.75	210	U	210	60
98-82-8	Cumene	120.19	260	D	210	75
79-34-5	1,1,2,2-Tetrachloroethane	167.85	210	U	210	63
103-65-1	n-Propylbenzene	120.19	200	J D	210	64
622-96-8	4-Ethyltoluene	120.20	100	J D	210	71
108-67-8	1,3,5-Trimethylbenzene	120.20	120	J D	210	71
95-49-8	2-Chlorotoluene	126.59	210	U	210	60

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: RXSV-07 DL Lab Sample ID: 200-78438-6 DL

Matrix: Air Lab File ID: 65728-27.d

Analysis Method: TO-15 Date Collected: 06/20/2025 16:15

Sample wt/vol: 16(mL) Date Analyzed: 06/26/2025 06:21

Soil Aliquot Vol: Dilution Factor: 1040

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.: 217812 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
98-06-6	*tert-Butylbenzene*	*134.22*	*210*	*U*	*210*	*73*
95-63-6	*1,2,4-Trimethylbenzene*	*120.20*	*240*	*D*	*210*	*85*
135-98-8	*sec-Butylbenzene*	*134.22*	*80*	*J D*	*210*	*75*
99-87-6	*4-Isopropyltoluene*	*134.22*	*210*	*U*	*210*	*81*
541-73-1	*1,3-Dichlorobenzene*	*147.00*	*210*	*U*	*210*	*66*
106-46-7	*1,4-Dichlorobenzene*	*147.00*	*210*	*U*	*210*	*73*
100-44-7	*Benzyl chloride*	*126.58*	*210*	*U*	*210*	*77*
104-51-8	*n-Butylbenzene*	*134.22*	*210*	*U*	*210*	*73*
95-50-1	*1,2-Dichlorobenzene*	*147.00*	*210*	*U*	*210*	*69*
120-82-1	*1,2,4-Trichlorobenzene*	*181.45*	*520*	*U*	*520*	*310*
87-68-3	*Hexachlorobutadiene*	*260.76*	*210*	*U*	*210*	*81*
91-20-3	*Naphthalene*	*128.17*	*400*	*U*	*400*	*110*

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d
Lims ID: 200-78438-A-6 DL
Client ID: RXSV-07
Sample Type: Client
Inject. Date: 26-Jun-2025 06:21:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 200.000 mL Dil. Factor: 1040.0000
Sample Info: 200-0065728-027
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jun-2025 08:57:00 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1701

First Level Reviewer: BKZ7 Date: 26-Jun-2025 08:57:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.195	4.200	-0.005	96	6673	0.1073	
3 Chlorodifluoromethane	51	4.238	4.243	-0.005	97	40140	1.11	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.543				ND	
5 Chloromethane	50		4.655				ND	MU
6 Vinyl chloride	62		4.949				ND	MU
7 Butane	43	4.949	4.955	-0.006	98	257124	9.76	
8 Butadiene	54		5.062				ND	MU
9 Bromomethane	94		5.805				ND	
10 Chloroethane	64		6.100				ND	
13 Vinyl bromide	106		6.570				ND	
14 Trichlorofluoromethane	101		6.758				ND	
20 1,1-Dichloroethene	96		7.988				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.036				ND	
22 Acetone	43		8.063				ND	MU
23 Isopropyl alcohol	45		8.411				ND	
24 Carbon disulfide	76		8.480				ND	7
26 3-Chloro-1-propene	41		8.817				ND	
27 Methylene Chloride	49		9.095				ND	MU
28 2-Methyl-2-propanol	59		9.326				ND	
31 Methyl tert-butyl ether	73		9.695				ND	MU
30 trans-1,2-Dichloroethene	61		9.700				ND	MU
32 Hexane	57	10.299	10.299	0.000	89	532645	13.4	
33 1,1-Dichloroethane	63		10.593				ND	MU
36 2-Butanone (MEK)	72		11.685				ND	
37 cis-1,2-Dichloroethene	96		11.728				ND	
* 39 Chlorobromomethane	128	12.187	12.188	-0.001	85	224659	10.0	
40 Tetrahydrofuran	42		12.241				ND	
41 Chloroform	83		12.386				ND	MU
42 1,1,1-Trichloroethane	97		12.728				ND	
43 Cyclohexane	84	12.888	12.894	-0.006	97	470026	12.1	
44 Carbon tetrachloride	117		13.044				ND	
45 Benzene	78	13.413	13.413	0.000	94	113799	1.22	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
46 1,2-Dichloroethane	62		13.488				ND	
47 Isooctane	57	13.643	13.643	0.000	99	1323495	9.85	
48 n-Heptane	43	13.969	13.969	0.000	89	162241	3.64	
* 49 1,4-Difluorobenzene	114	14.194	14.194	0.000	93	1165534	10.0	
51 Trichloroethene	95		14.670				ND	MU
53 1,2-Dichloropropane	63		15.146				ND	MU
54 Methyl methacrylate	69		15.221				ND	MU
55 1,4-Dioxane	88		15.274				ND	
58 Dichlorobromomethane	83		15.633				ND	
59 cis-1,3-Dichloropropene	75		16.473				ND	
61 4-Methyl-2-pentanone (MIBK)	43		16.719				ND	MU
62 Toluene	92	17.147	17.142	0.000	91	5766	0.0928	
66 trans-1,3-Dichloropropene	75		17.559				ND	
67 1,1,2-Trichloroethane	83		17.949				ND	MU
68 Tetrachloroethene	166		18.179				ND	7
69 2-Hexanone	43		18.345				ND	MU
70 Chlorodibromomethane	129		18.720				ND	7
71 Ethylene Dibromide	107		18.982				ND	7
* 73 Chlorobenzene-d5	117	19.902	19.907	-0.005	84	1029619	10.0	
74 Chlorobenzene	112		19.966				ND	7
75 Ethylbenzene	91		20.153				ND	MU
76 m-Xylene & p-Xylene	106	20.405	20.405	0.000	0	8972	0.1628	M
78 o-Xylene	106		21.111				ND	MU
79 Styrene	104		21.143				ND	
81 Bromoform	173		21.464				ND	
82 Isopropylbenzene	105	21.731	21.726	0.000	98	37891	0.2492	
83 1,1,2,2-Tetrachloroethane	83		22.192				ND	MU
85 N-Propylbenzene	91	22.389	22.383	-0.001	99	36146	0.1886	
86 2-Chlorotoluene	91		22.539				ND	MU
87 4-Ethyltoluene	105	22.571	22.565	0.000	98	15515	0.0985	
88 1,3,5-Trimethylbenzene	105	22.657	22.645	0.005	92	15533	0.1168	
91 tert-Butylbenzene	119		23.117				ND	7
92 1,2,4-Trimethylbenzene	105	23.197	23.191	0.000	96	30198	0.2292	
93 sec-Butylbenzene	105	23.438	23.432	0.000	97	15164	0.0766	
94 1,3-Dichlorobenzene	146		23.631				ND	
95 4-Isopropyltoluene	119		23.647				ND	7
96 1,4-Dichlorobenzene	146		23.775				ND	
97 Benzyl chloride	91		23.925				ND	
98 n-Butylbenzene	91		24.251				ND	
99 1,2-Dichlorobenzene	146		24.310				ND	
102 1,2,4-Trichlorobenzene	180		27.028				ND	
103 Hexachlorobutadiene	225		27.301				ND	
104 Naphthalene	128		27.579				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

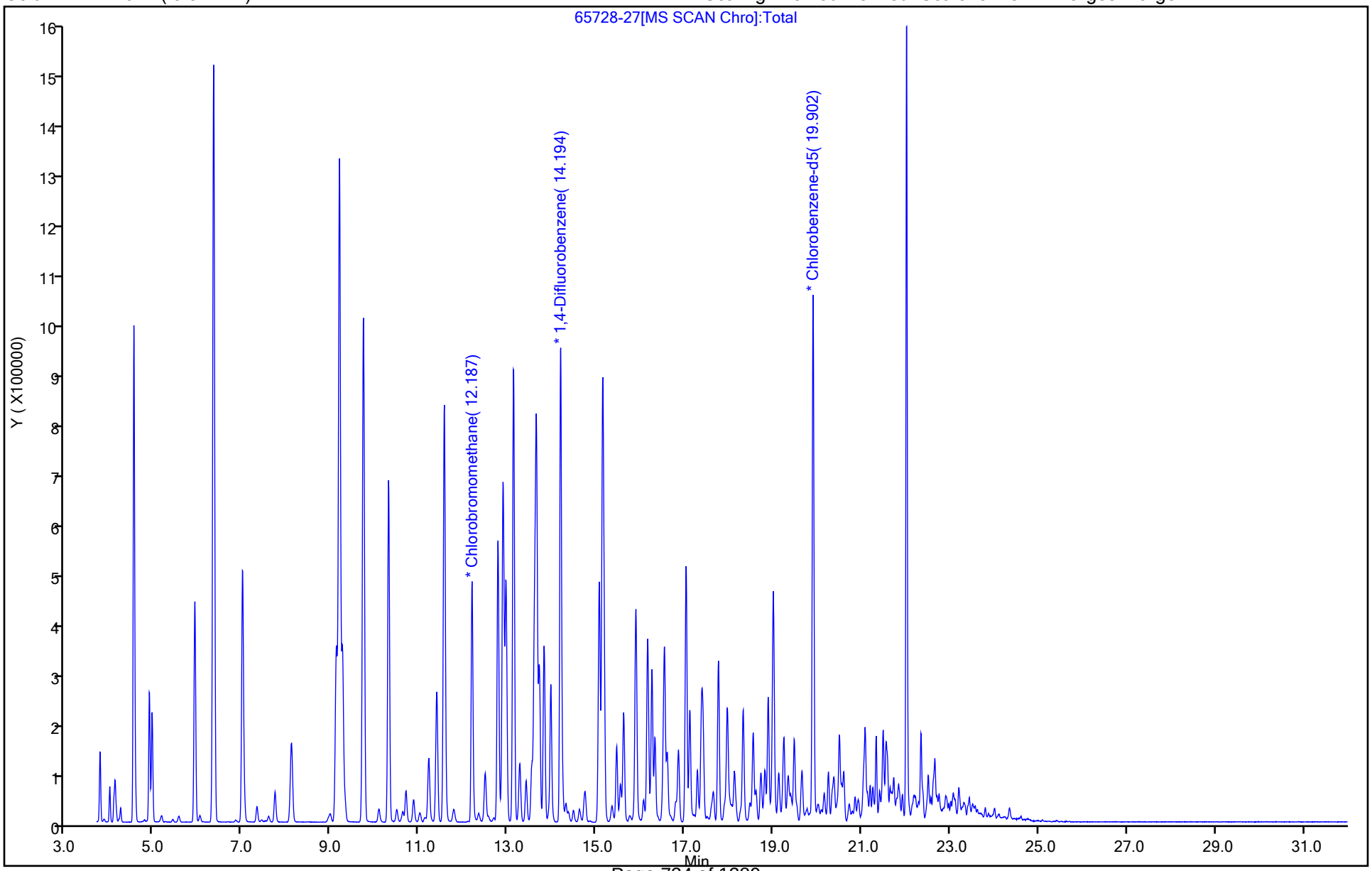
ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 26-Jun-2025 08:57:00 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d				
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6	Worklist Smp#:	27
Client ID:	RXSV-07				
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000	ALS Bottle#:	26
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



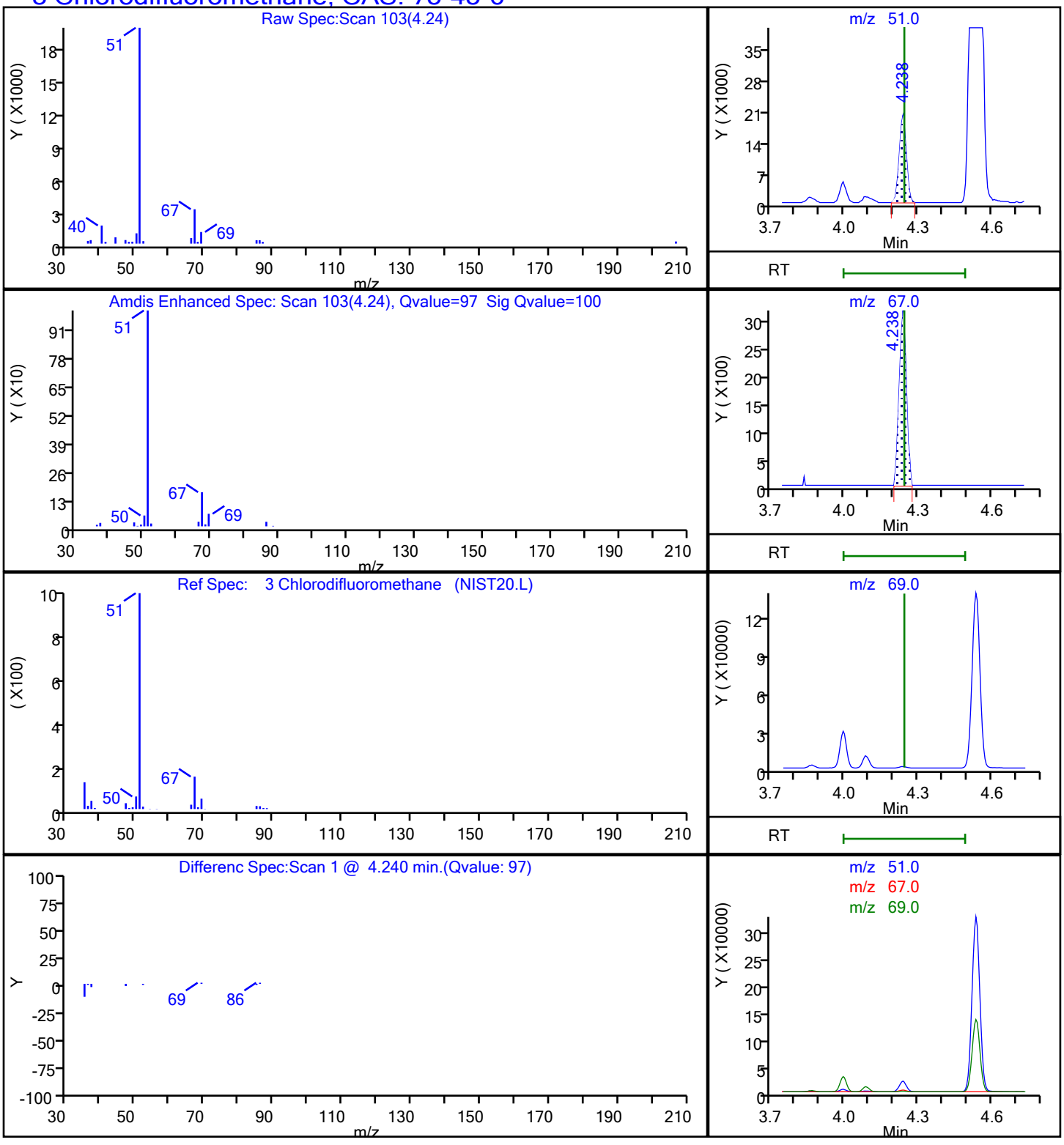
Report Date: 26-Jun-2025 08:57:00 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d

Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6



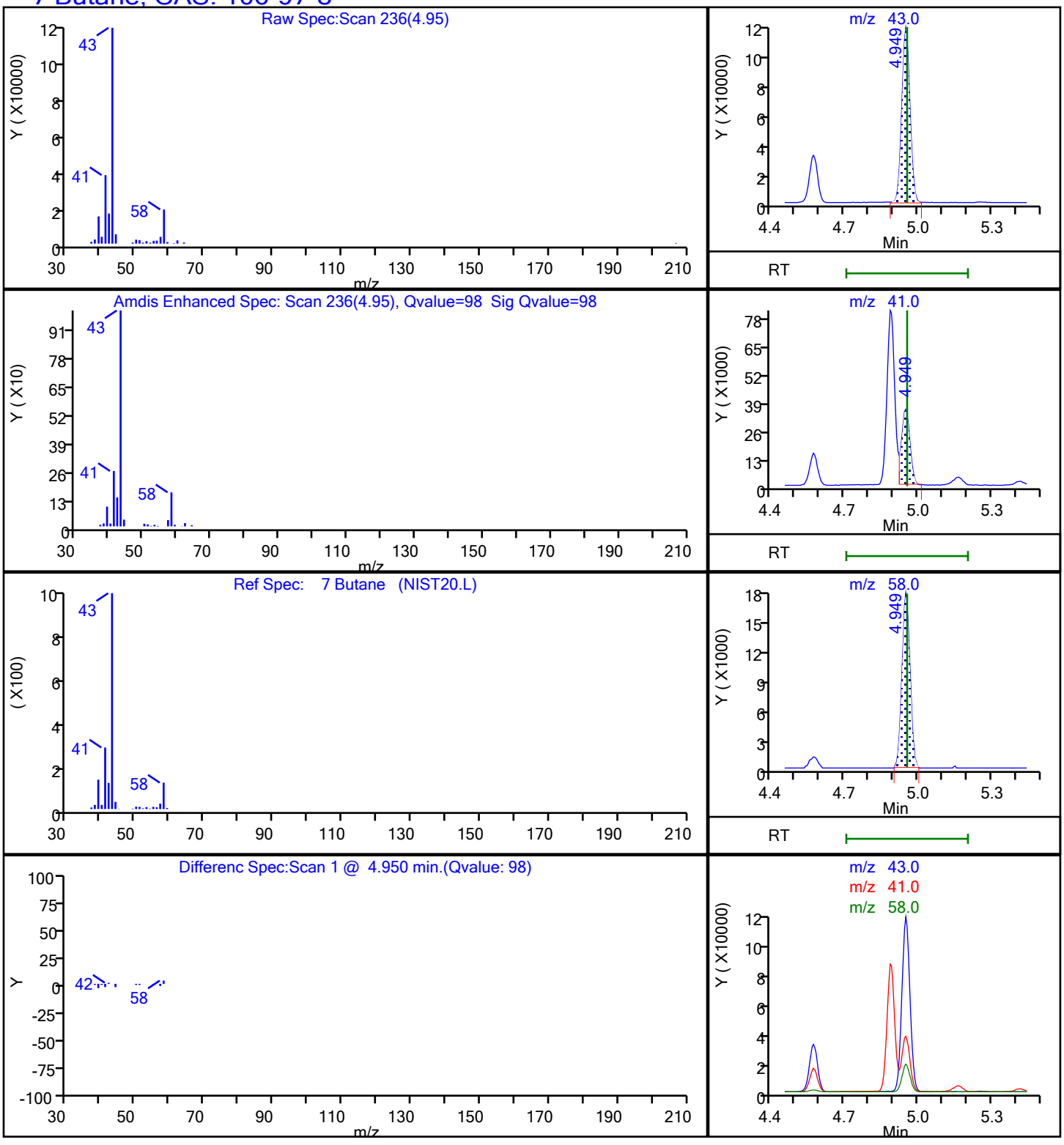
Report Date: 26-Jun-2025 08:57:00 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d

Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

7 Butane, CAS: 106-97-8

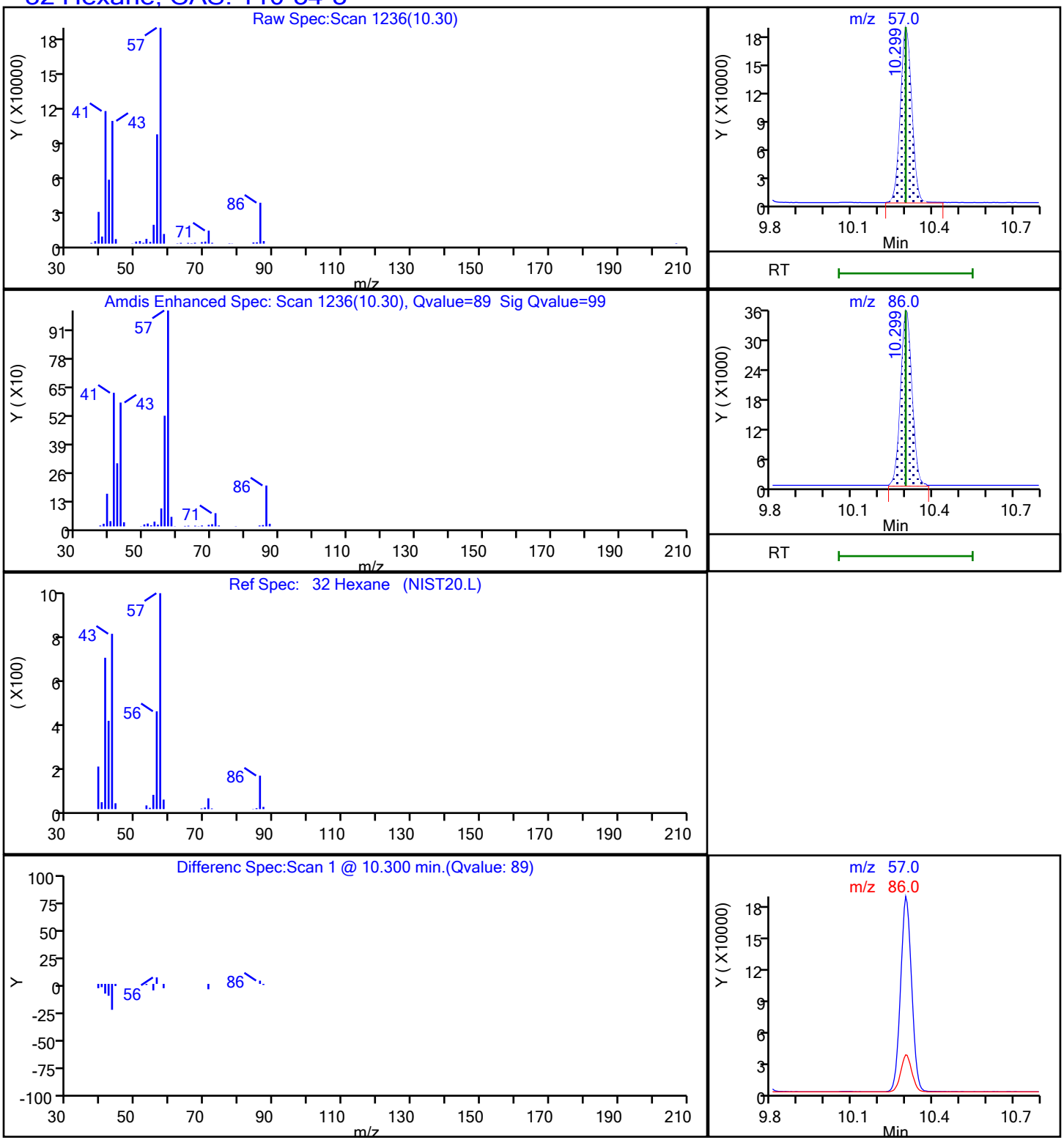


Report Date: 26-Jun-2025 08:57:00 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

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Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

32 Hexane, CAS: 110-54-3

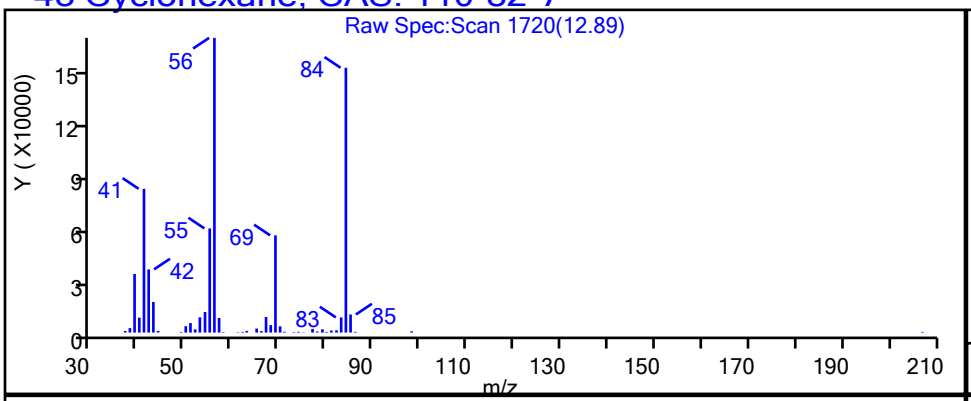


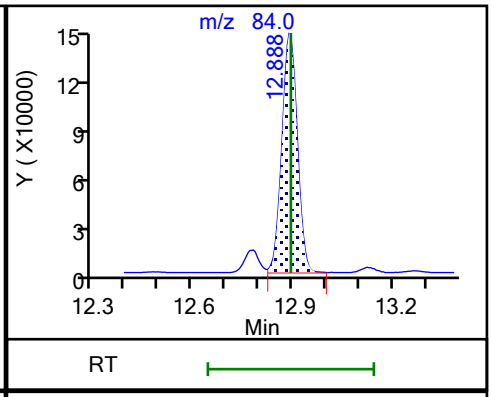
Report Date: 26-Jun-2025 08:57:00 Chrom Revision: 2.3 14-Jun-2025 12:06:34

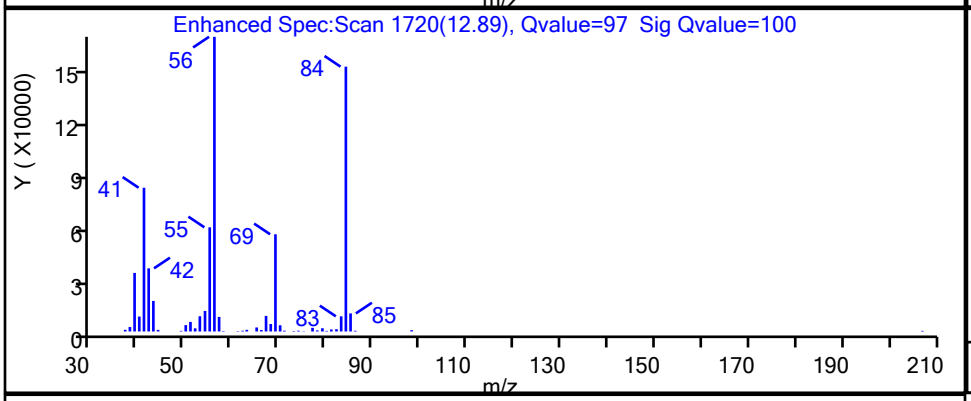
Eurofins Burlington

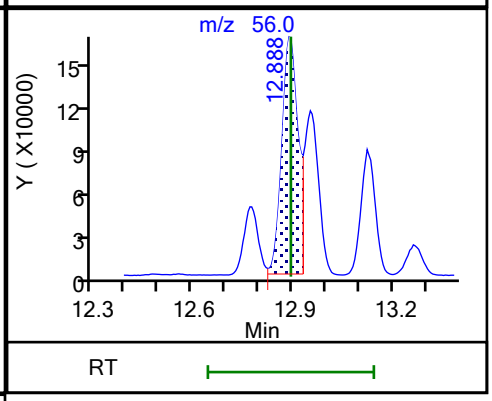
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Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

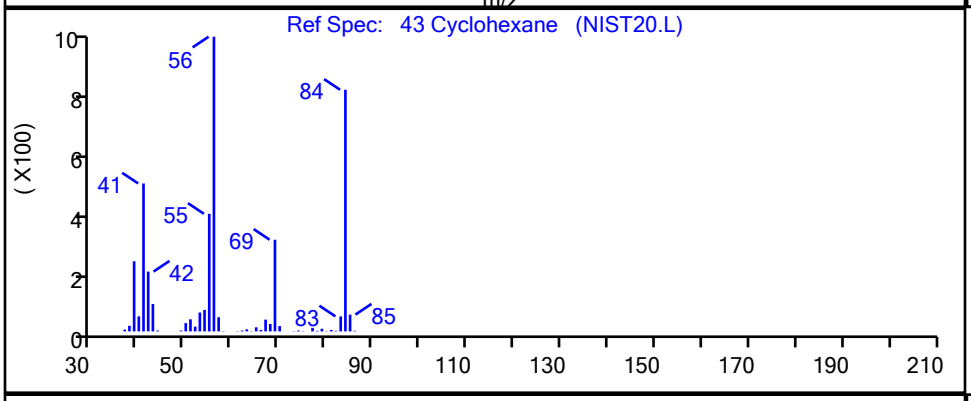
43 Cyclohexane, CAS: 110-82-7

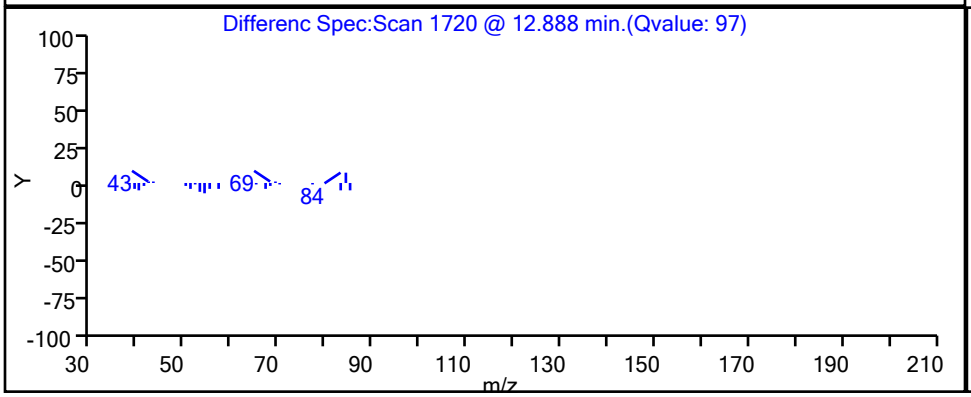


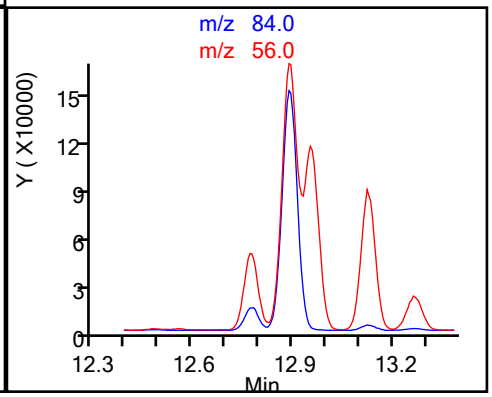












Report Date: 26-Jun-2025 08:57:00 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d

Injection Date: 26-Jun-2025 06:21:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-6 DL Lab Sample ID: 200-78438-6

Client ID: RXSV-07

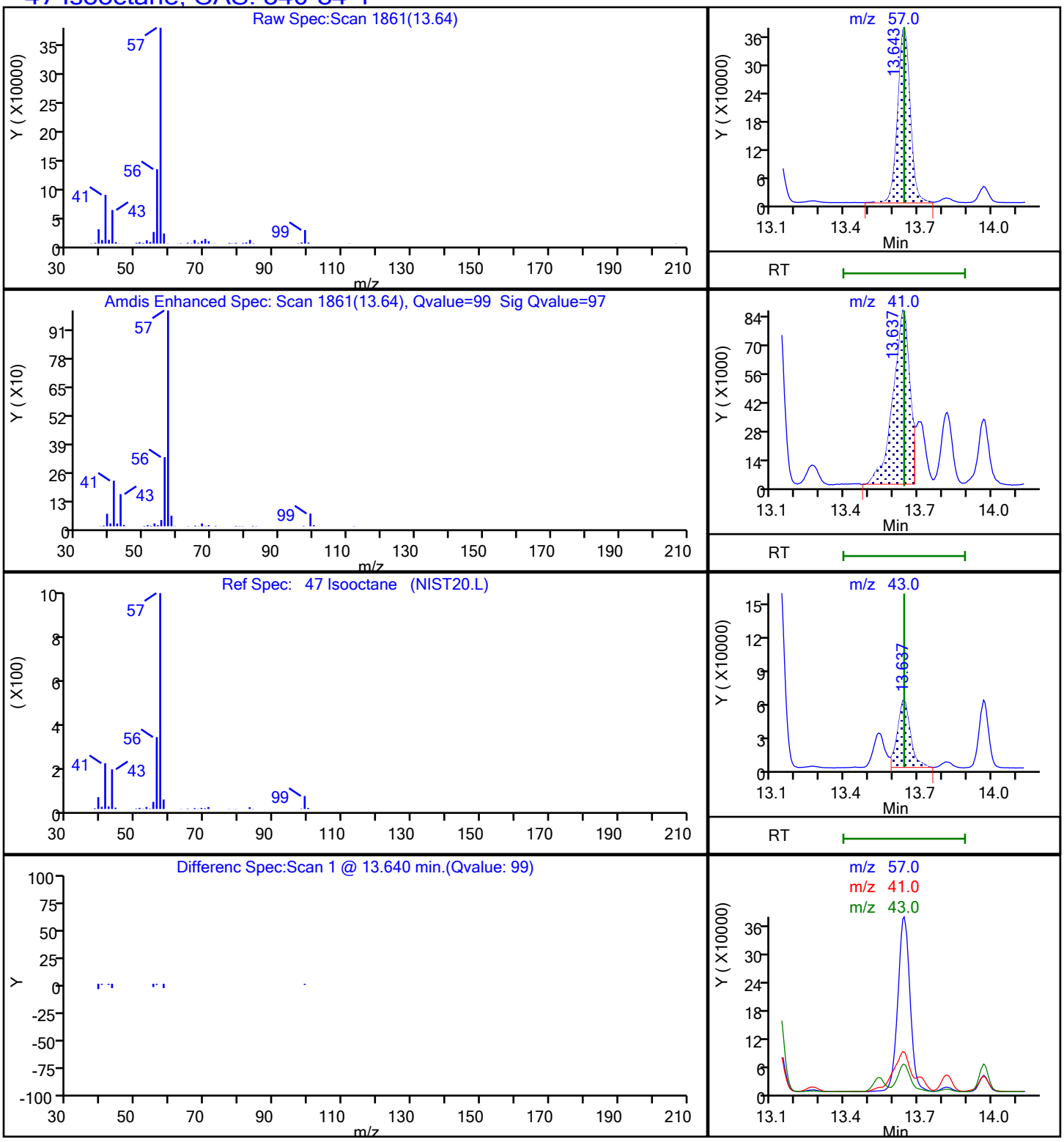
Operator ID: vtp ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 200.000 mL Dil. Factor: 1040.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

47 Isooctane, CAS: 540-84-1



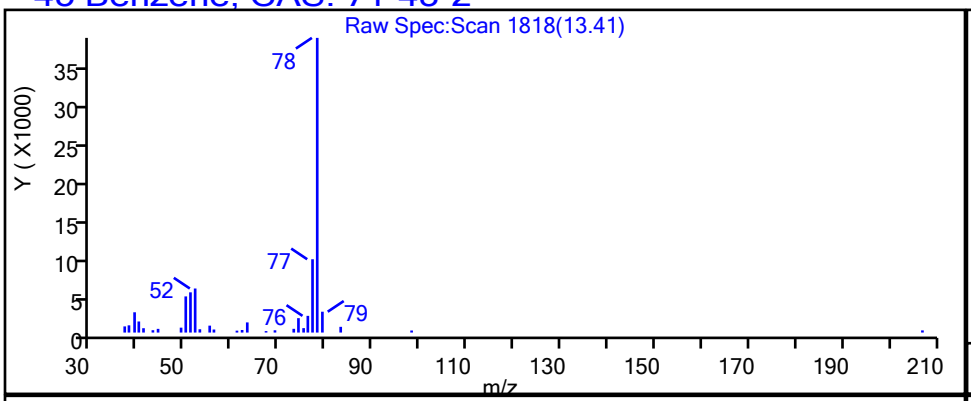
Report Date: 26-Jun-2025 08:57:00 Chrom Revision: 2.3 14-Jun-2025 12:06:34

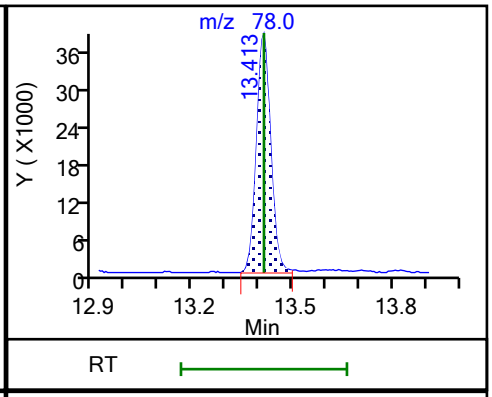
Eurofins Burlington

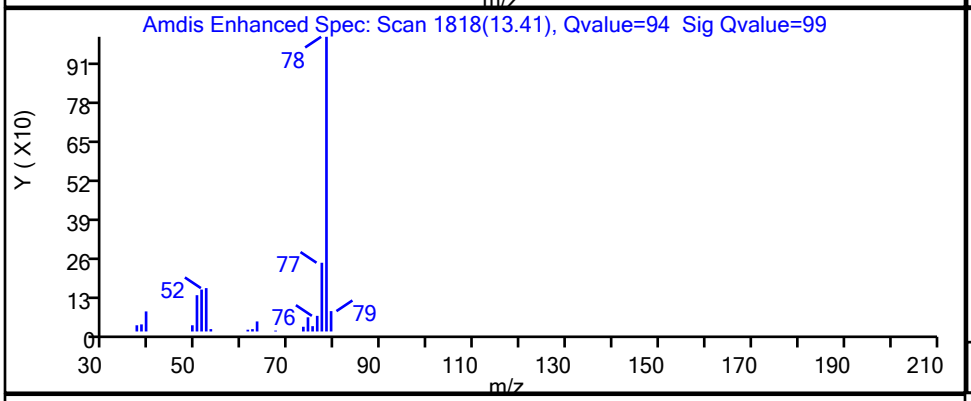
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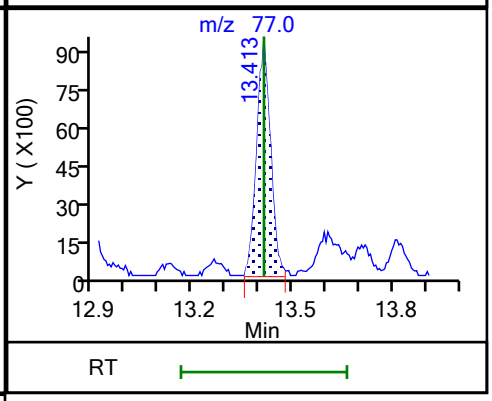
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

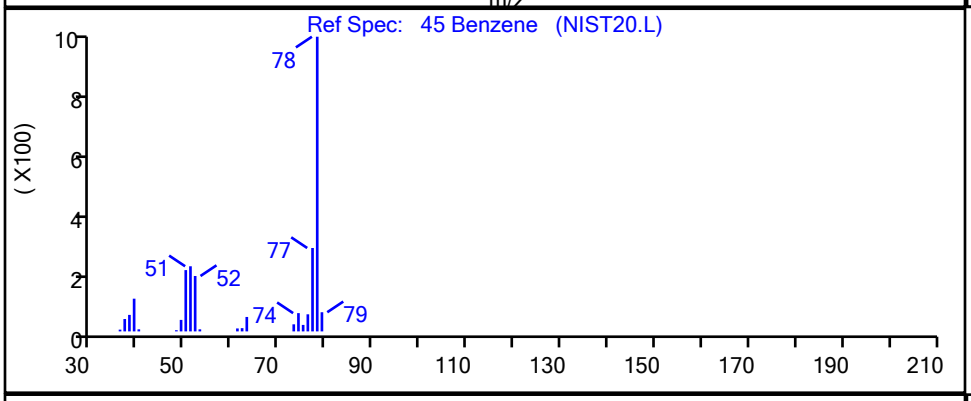
45 Benzene, CAS: 71-43-2

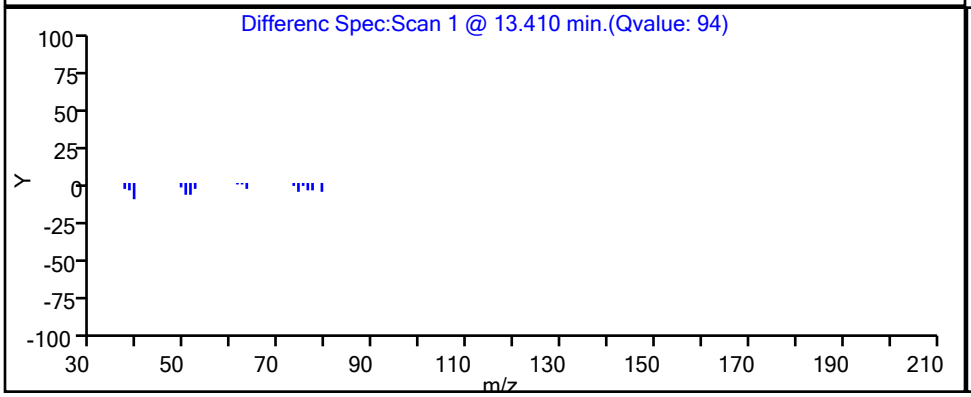


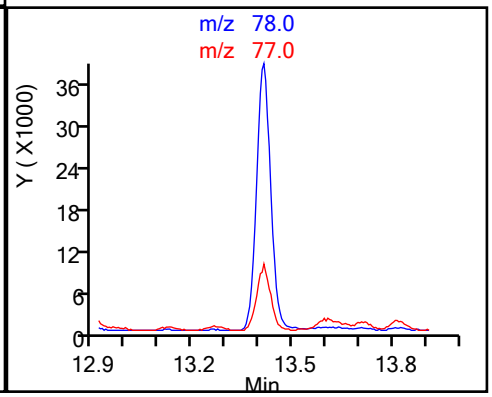










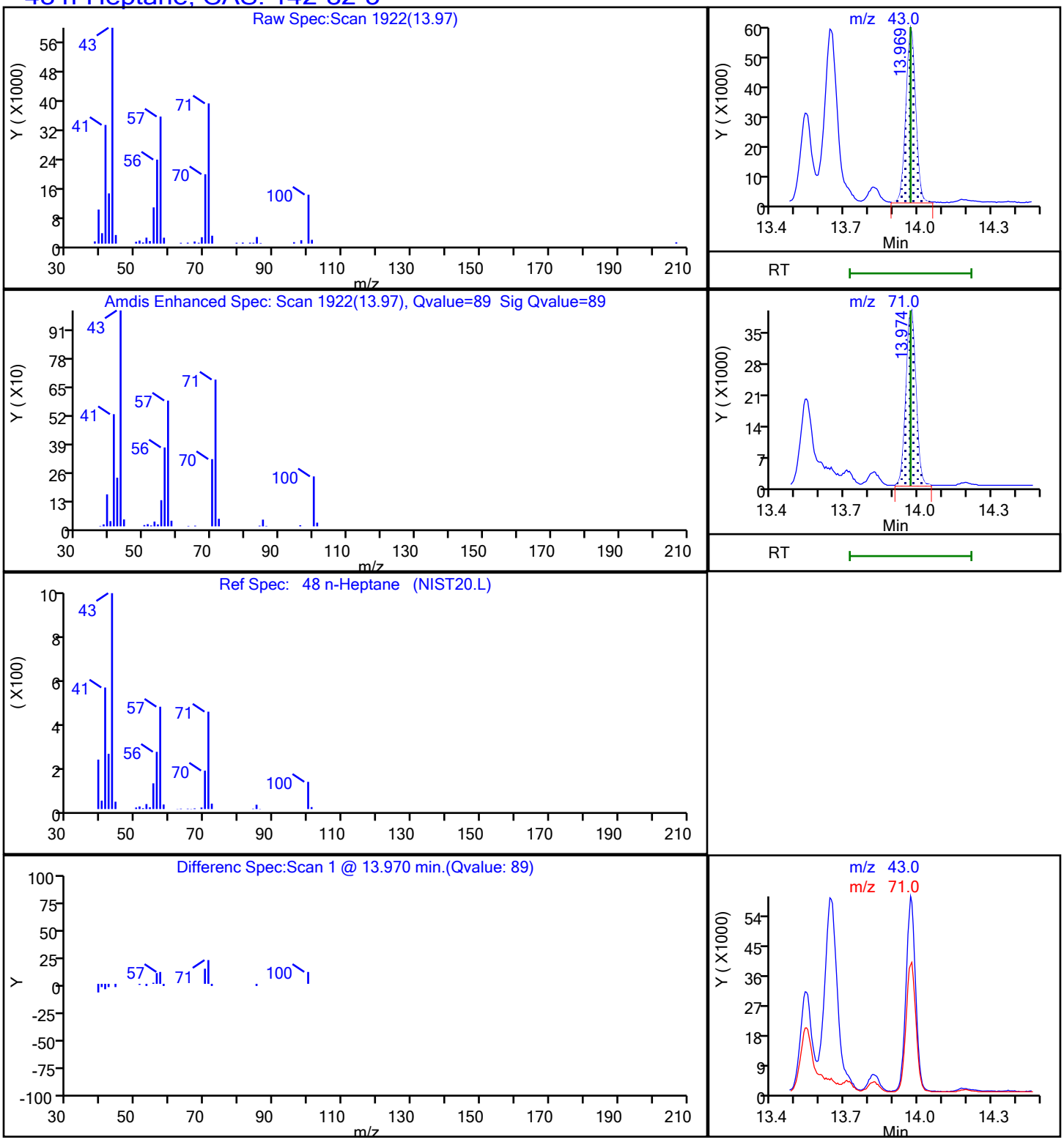


Report Date: 26-Jun-2025 08:57:00 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d				
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



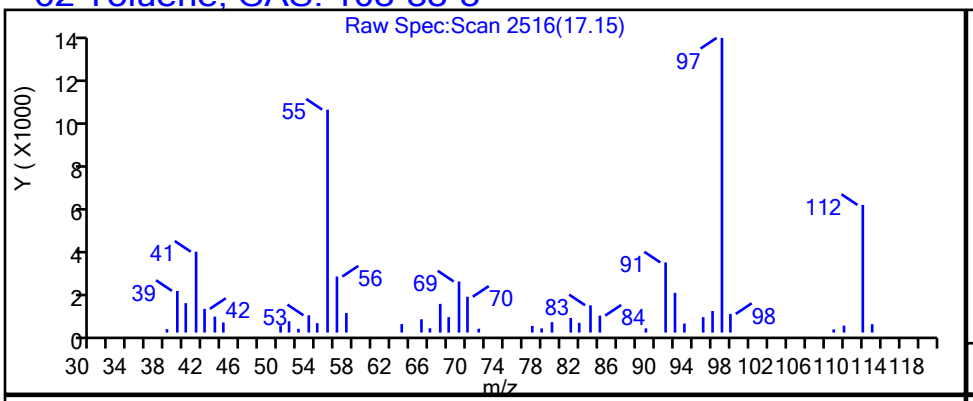
Report Date: 26-Jun-2025 08:57:00 Chrom Revision: 2.3 14-Jun-2025 12:06:34

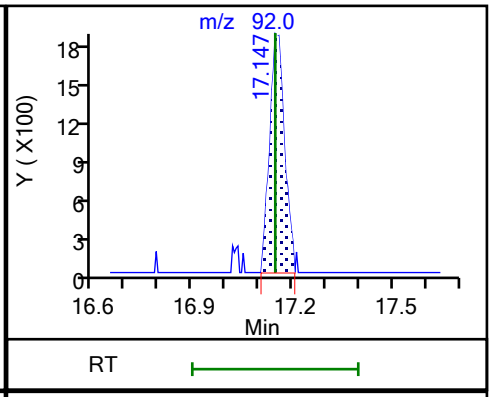
Eurofins Burlington

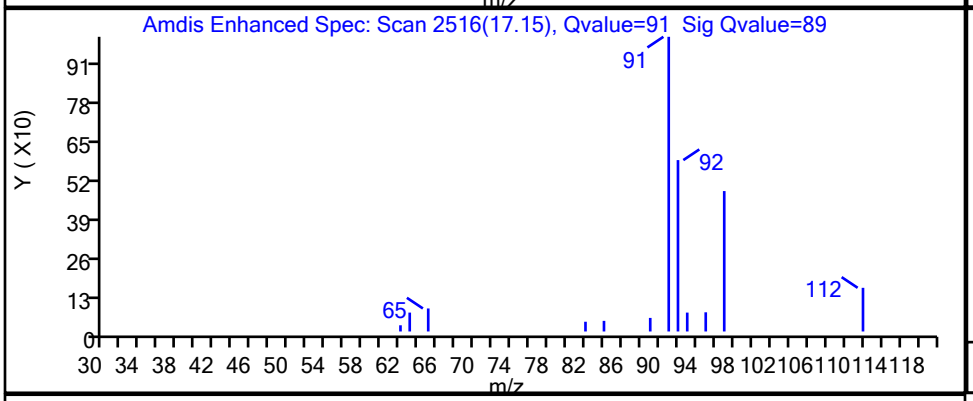
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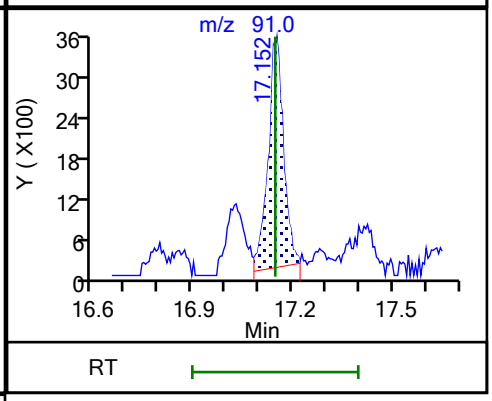
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

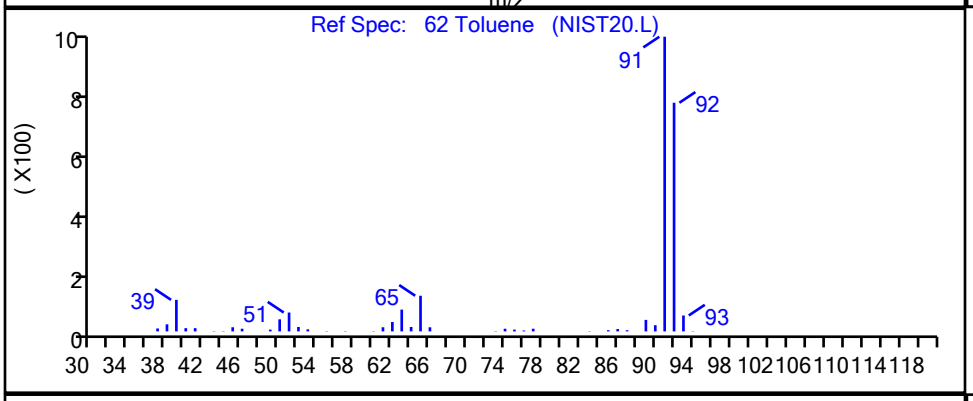
62 Toluene, CAS: 108-88-3

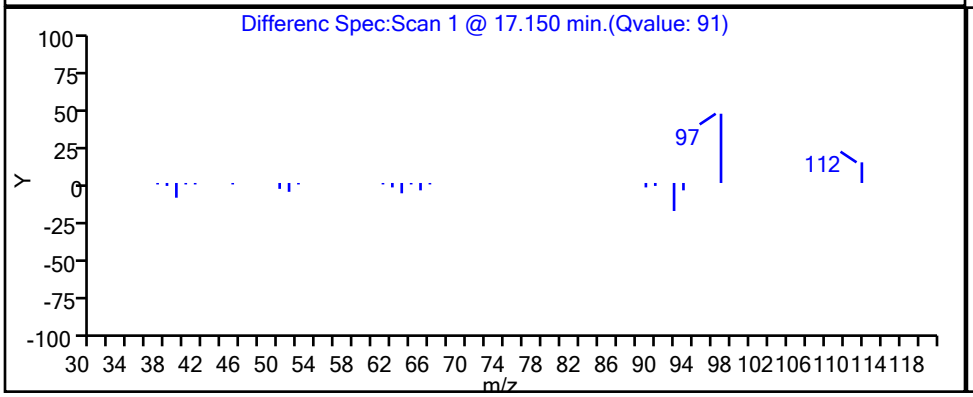


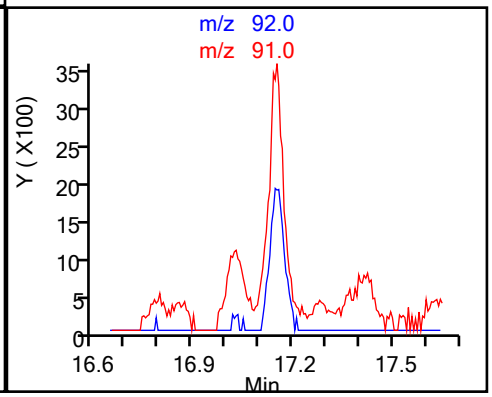










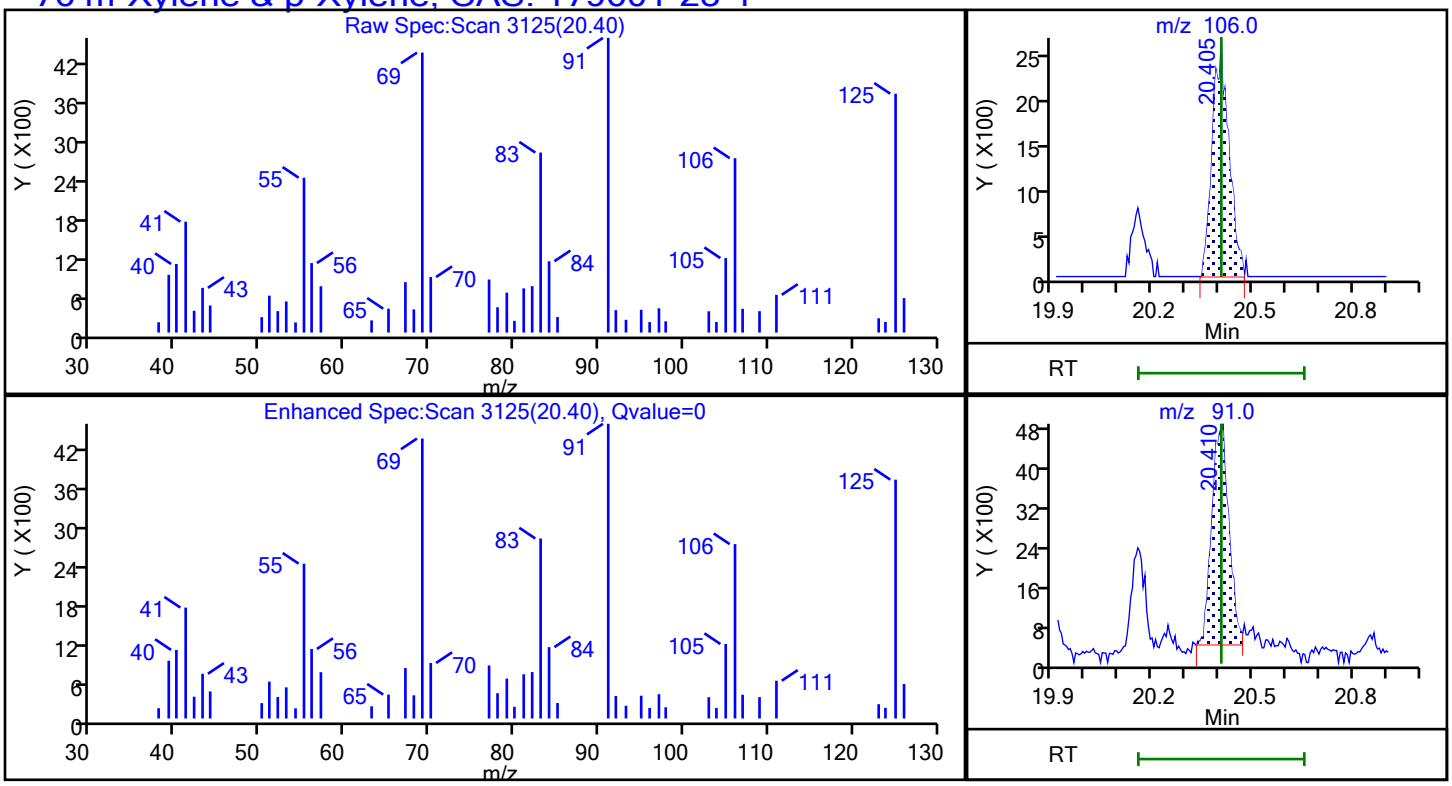


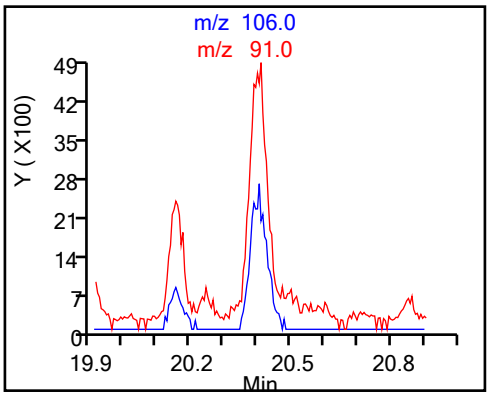
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Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d				
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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





Report Date: 26-Jun-2025 08:57:01 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d

Injection Date: 26-Jun-2025 06:21:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-6 DL Lab Sample ID: 200-78438-6

Client ID: RXSV-07

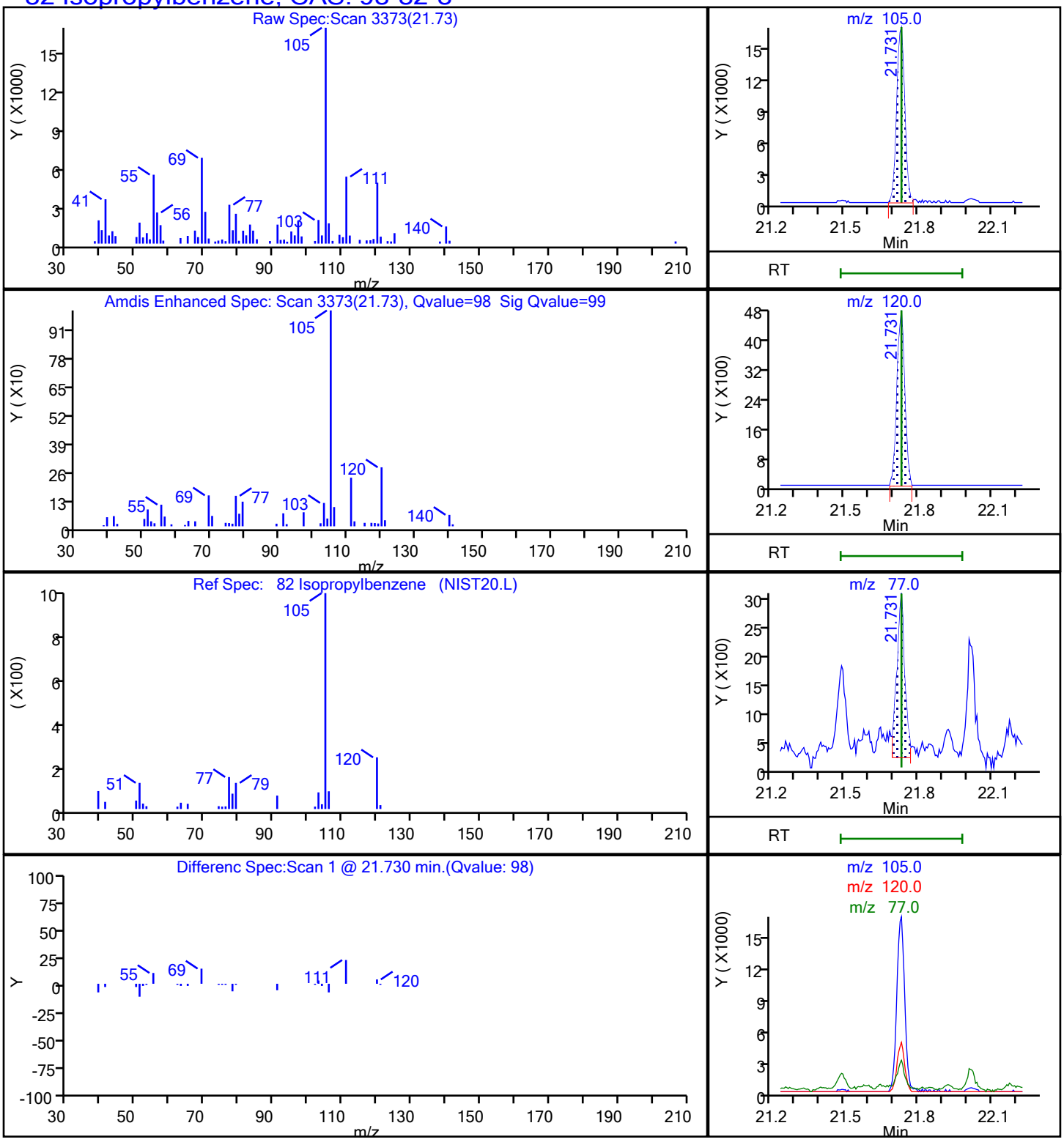
Operator ID: vtp ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 200.000 mL Dil. Factor: 1040.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

82 Isopropylbenzene, CAS: 98-82-8

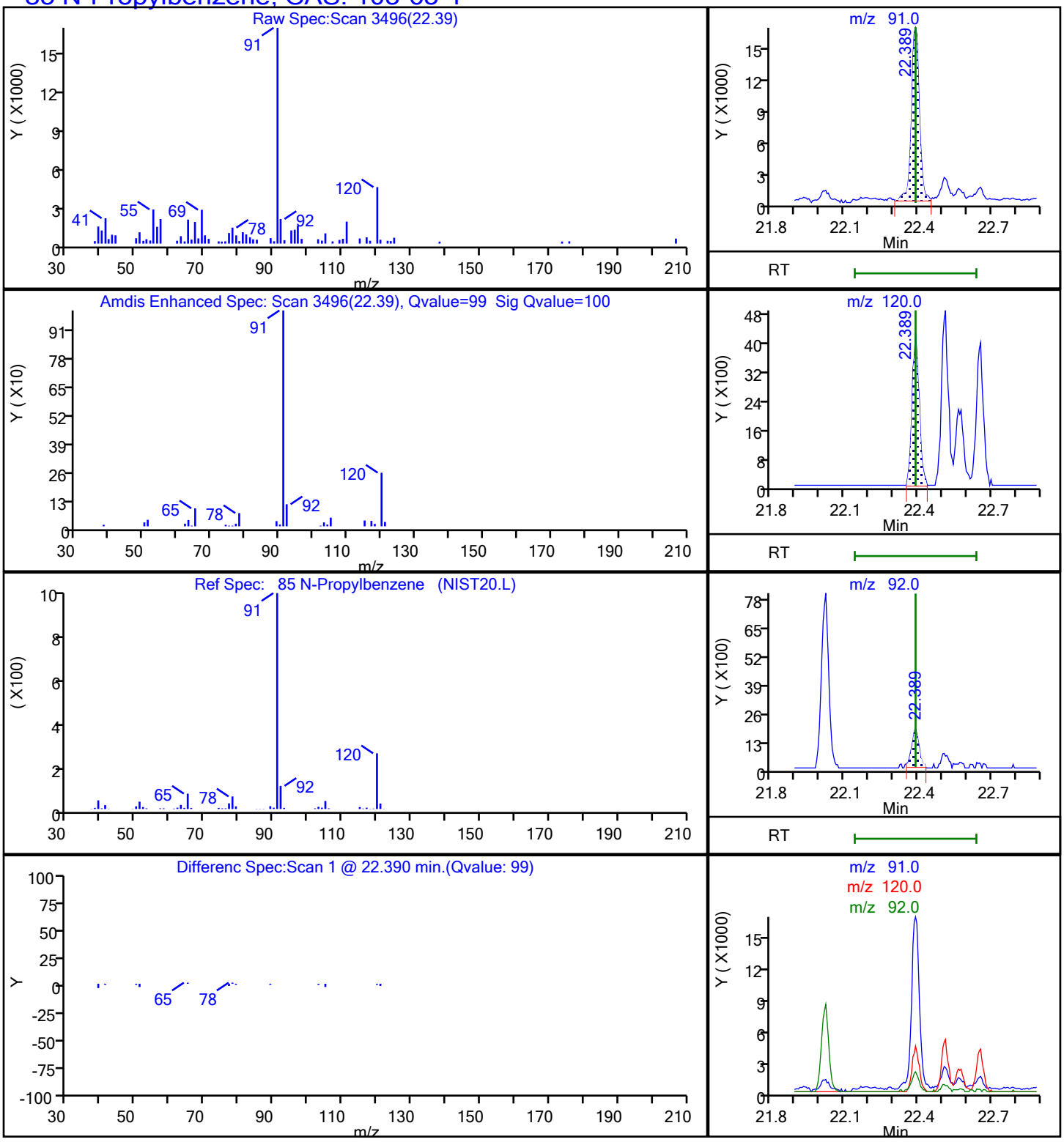


Report Date: 26-Jun-2025 08:57:01 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d				
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 N-Propylbenzene, CAS: 103-65-1



Report Date: 26-Jun-2025 08:57:01 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d

Injection Date: 26-Jun-2025 06:21:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-6 DL Lab Sample ID: 200-78438-6

Client ID: RXSV-07

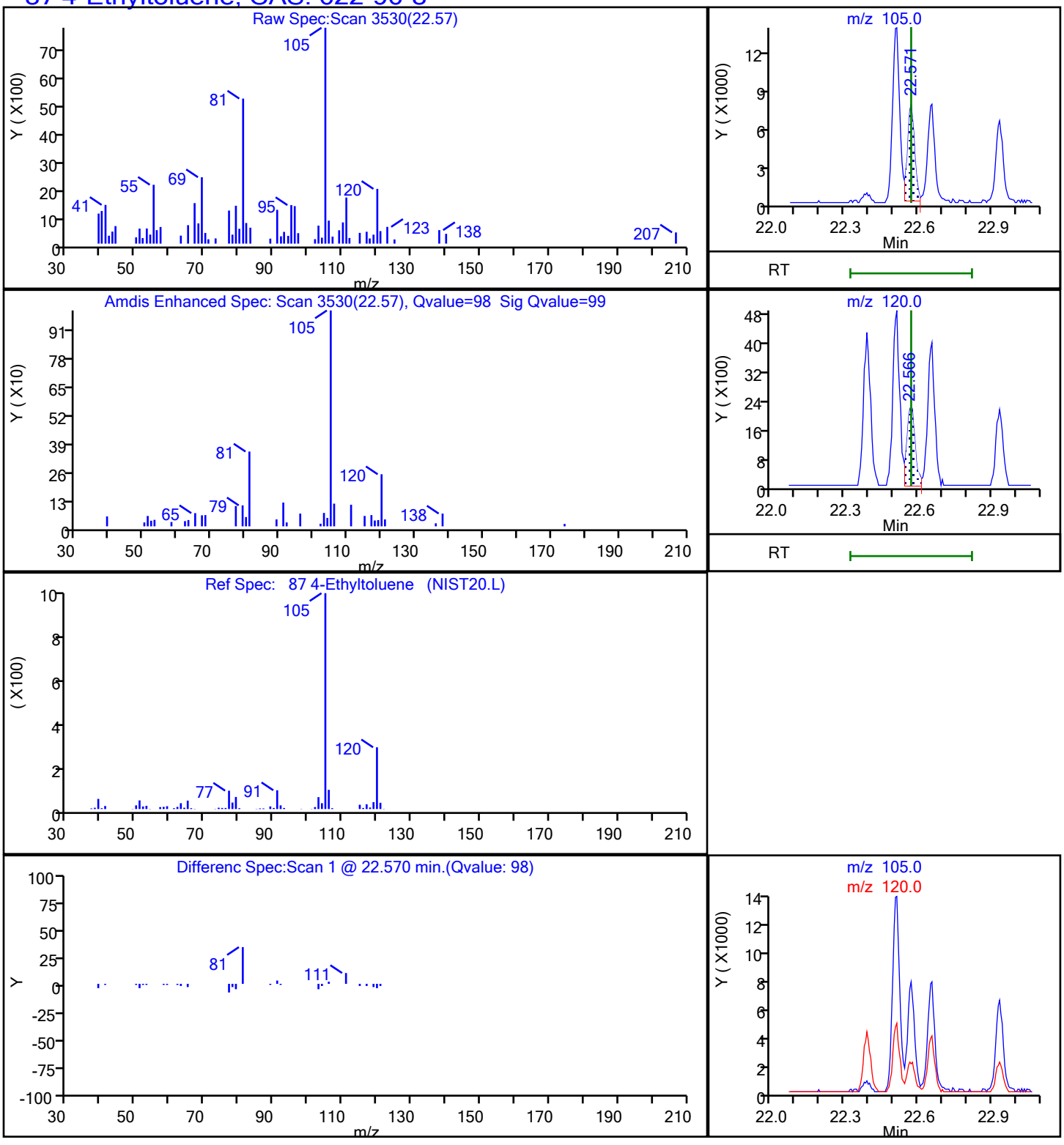
Operator ID: vtp ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 200.000 mL Dil. Factor: 1040.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

87 4-Ethyltoluene, CAS: 622-96-8

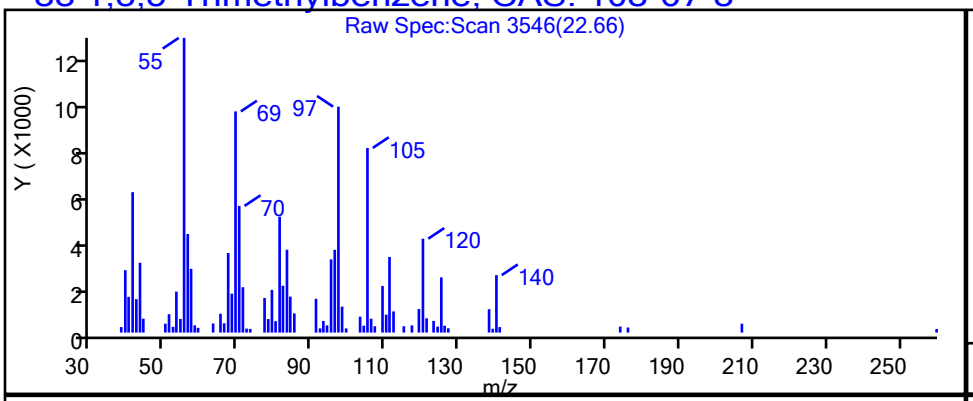


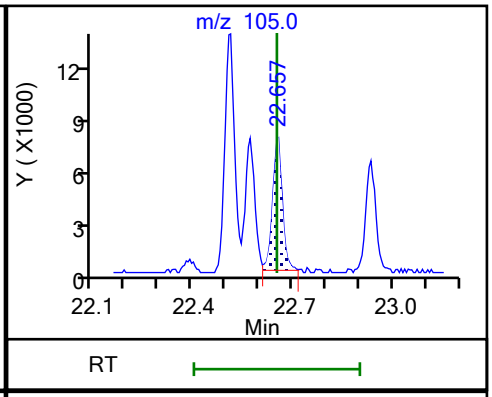
Report Date: 26-Jun-2025 08:57:01 Chrom Revision: 2.3 14-Jun-2025 12:06:34

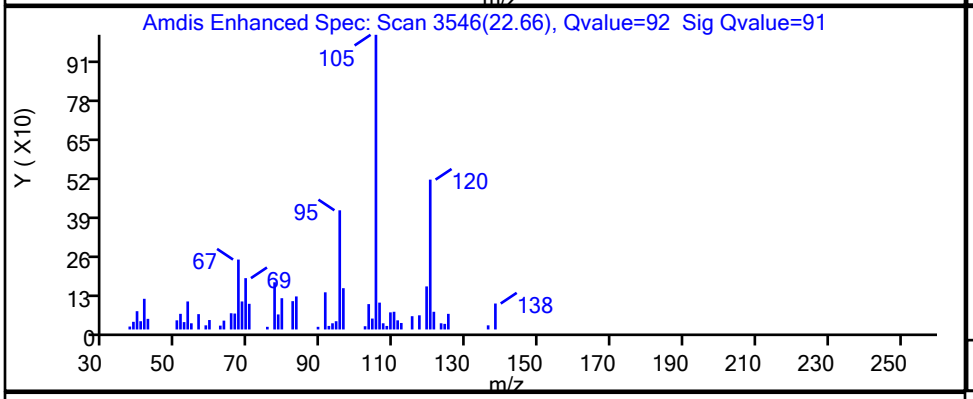
Eurofins Burlington

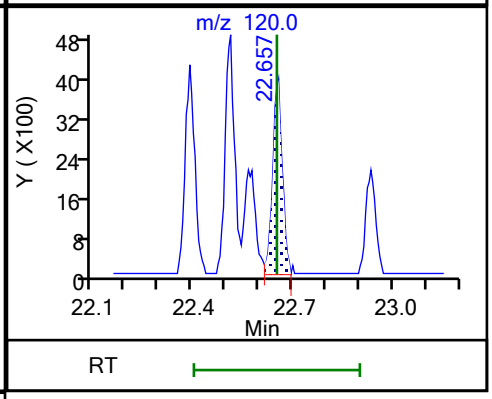
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d				
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

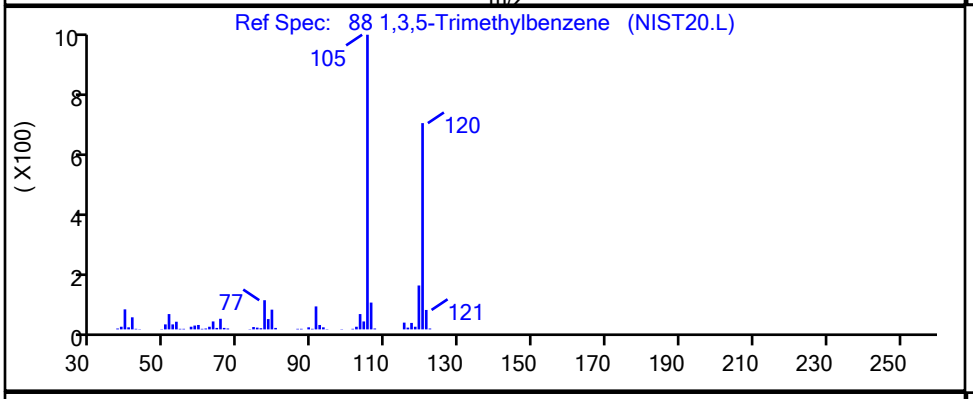
88 1,3,5-Trimethylbenzene, CAS: 108-67-8

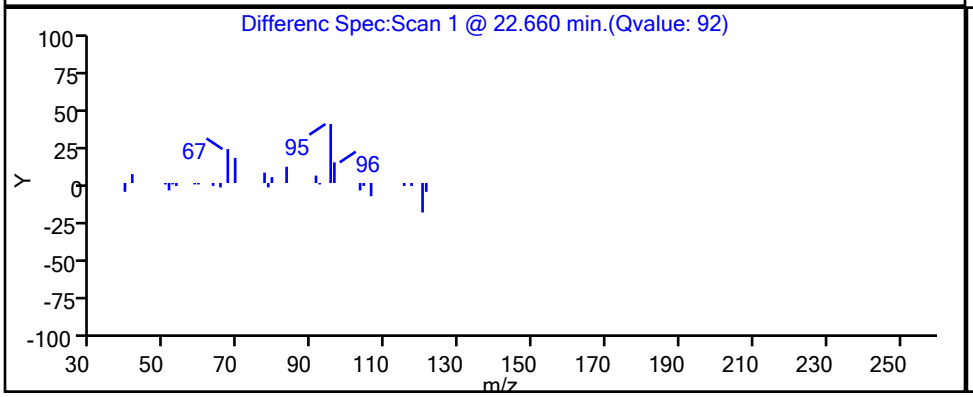


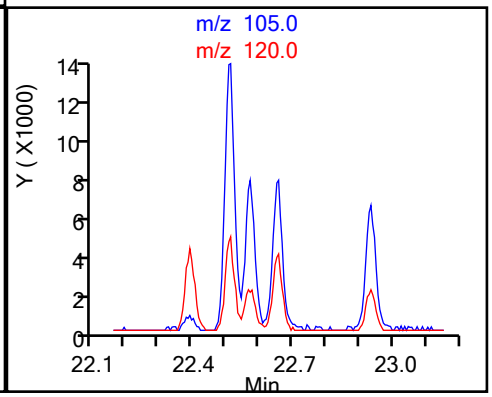










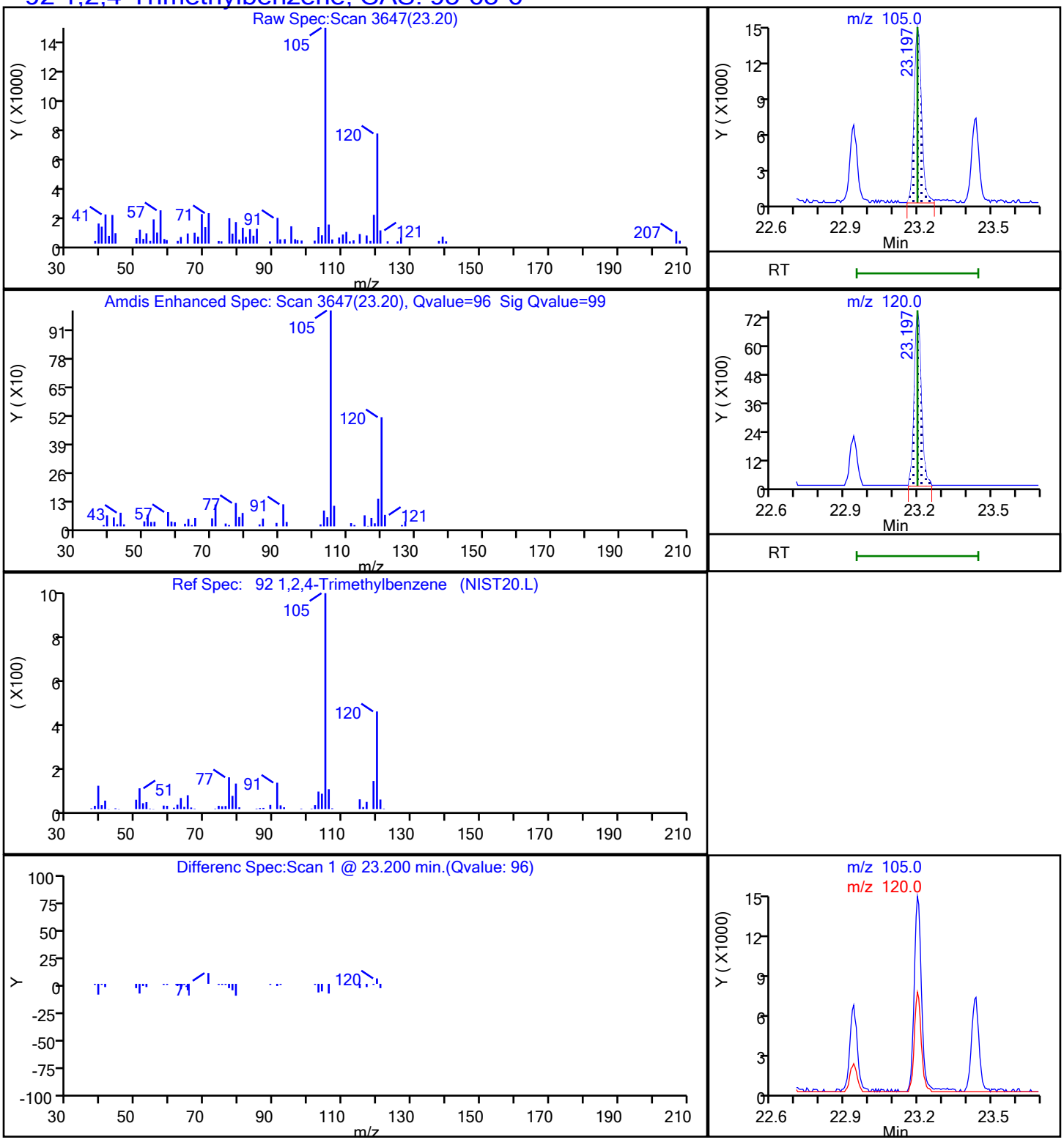


Report Date: 26-Jun-2025 08:57:01 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d				
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

92 1,2,4-Trimethylbenzene, CAS: 95-63-6



Report Date: 26-Jun-2025 08:57:01 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d

Injection Date: 26-Jun-2025 06:21:30 Instrument ID: CHW.i

Lims ID: 200-78438-A-6 DL Lab Sample ID: 200-78438-6

Client ID: RXSV-07

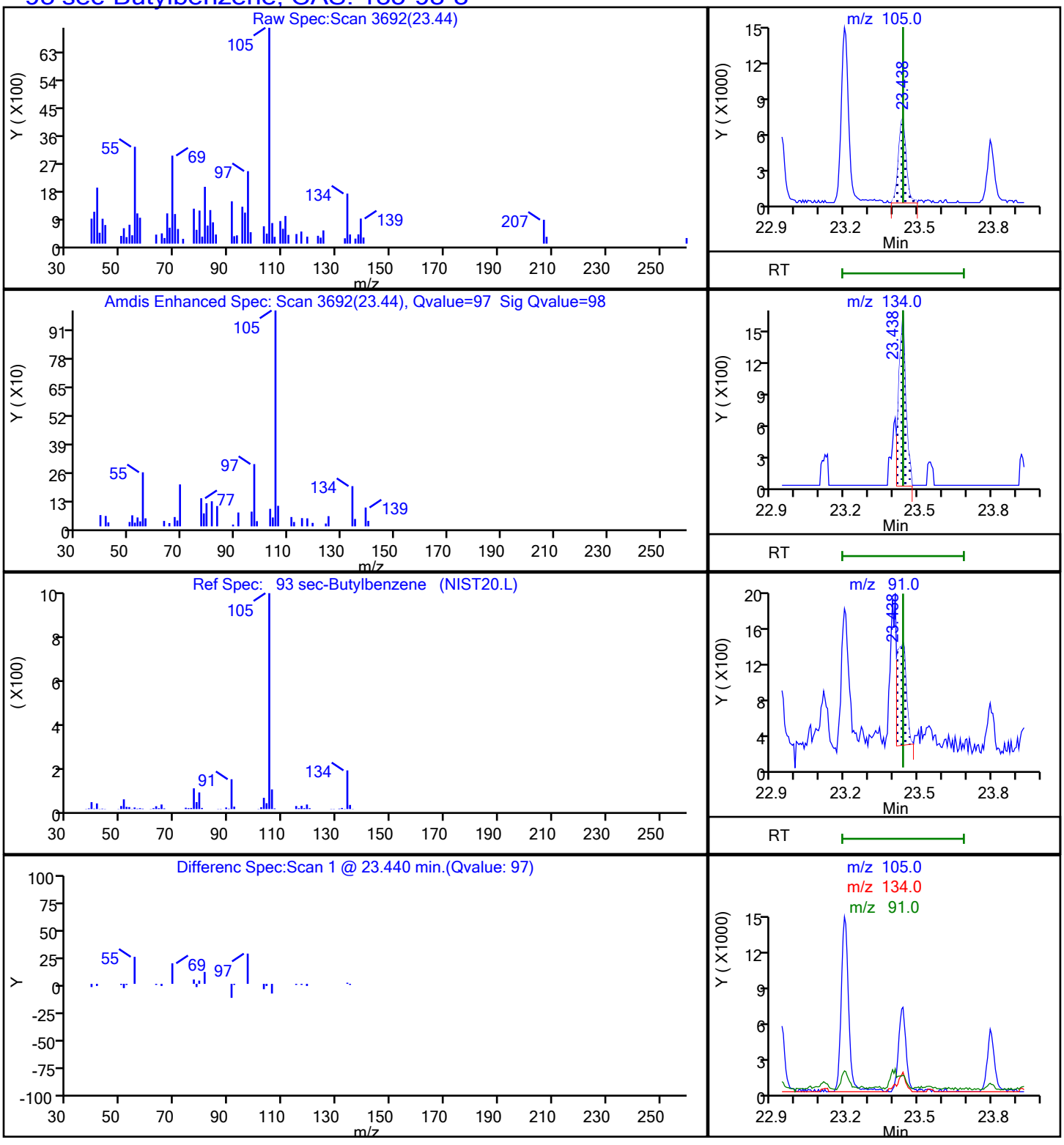
Operator ID: vtp ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 200.000 mL Dil. Factor: 1040.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

93 sec-Butylbenzene, CAS: 135-98-8



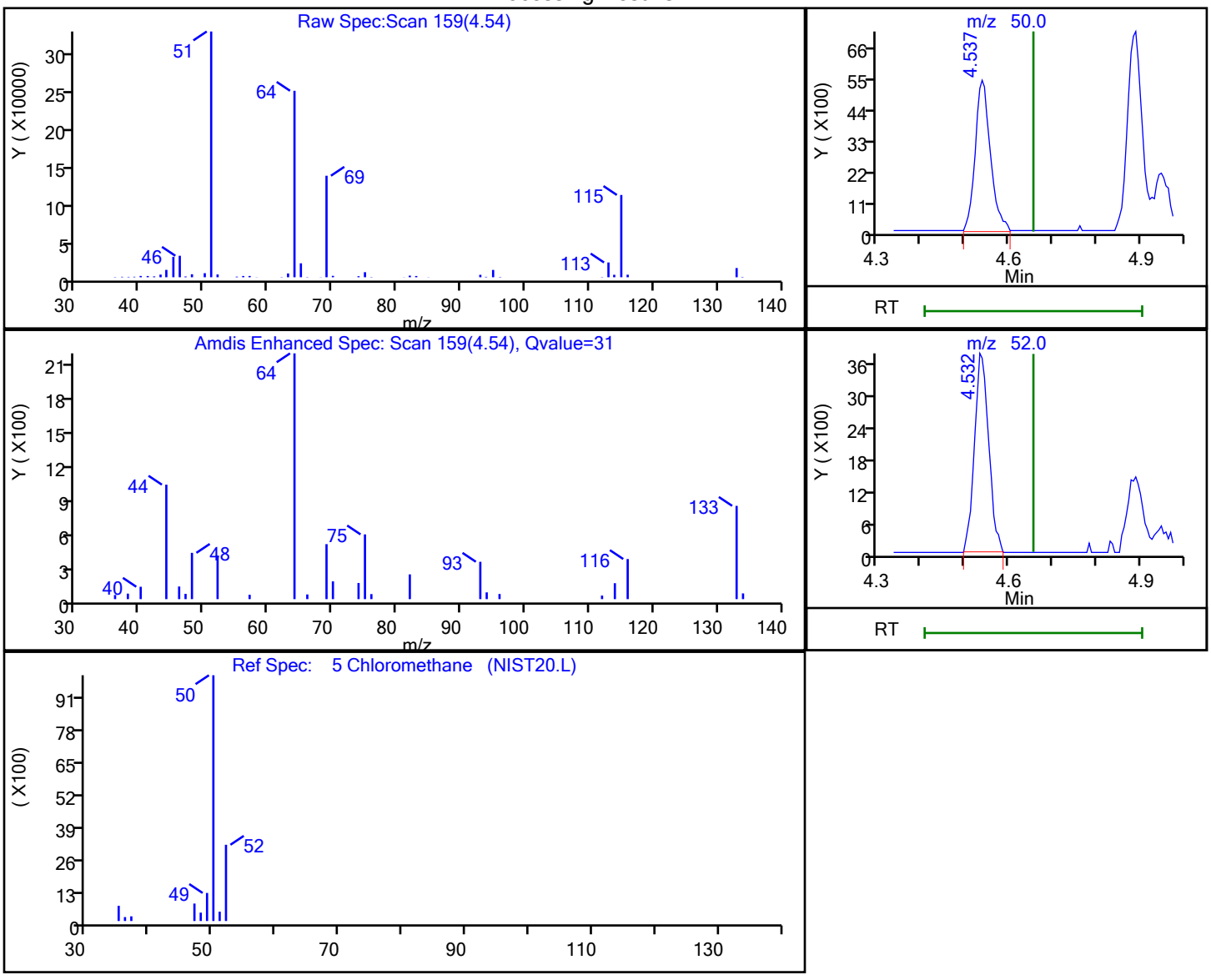
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d				
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

5 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
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4.53	52.00	8558	

Reviewer: BKZ7, 26-Jun-2025 08:55:23 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

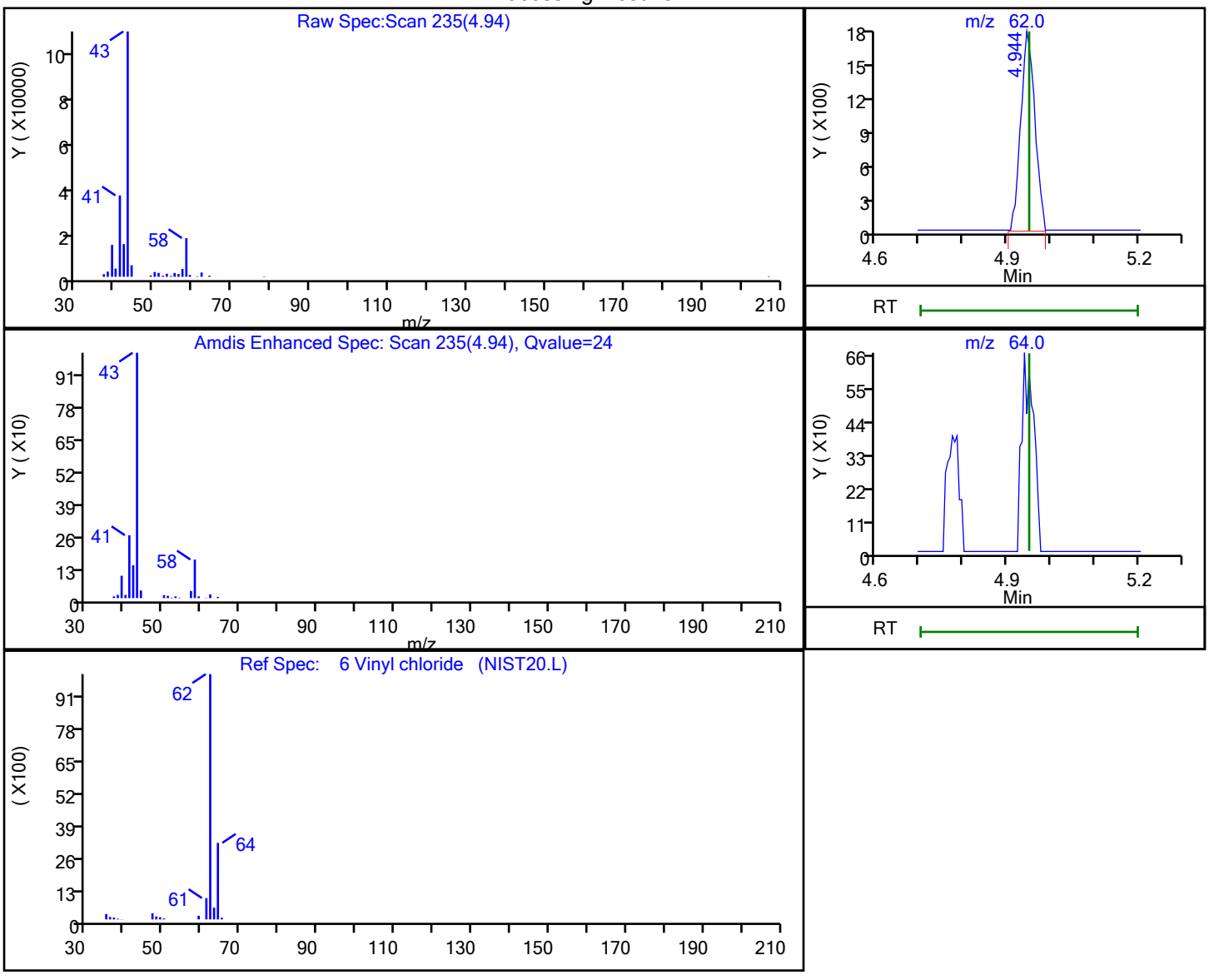
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d				
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

6 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
4.94	62.00	4032	0.189204
4.95	64.00	0	

Reviewer: BKZ7, 26-Jun-2025 08:55:26 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

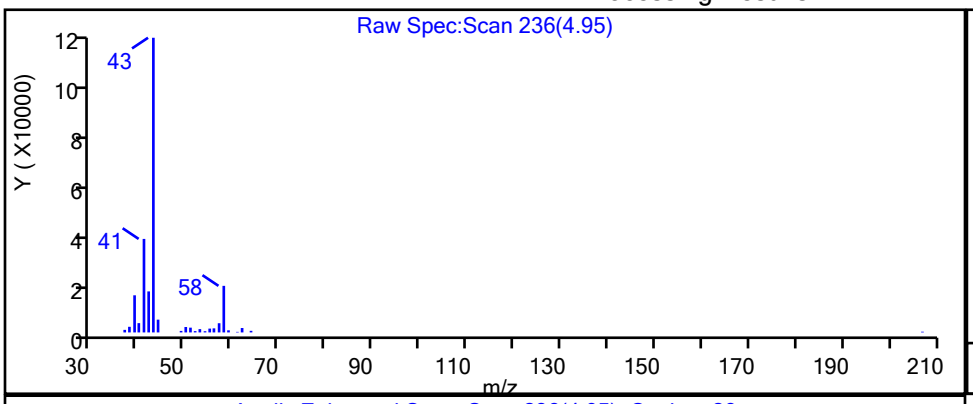
User Disabled Compound Report

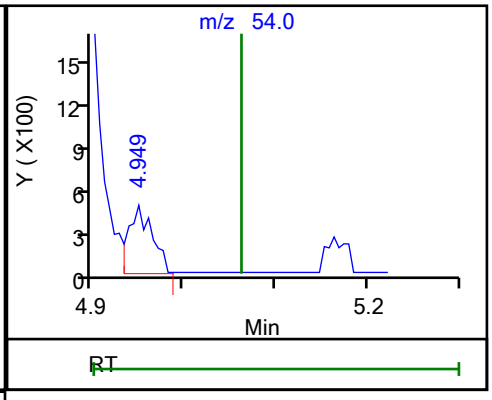
Eurofins Burlington

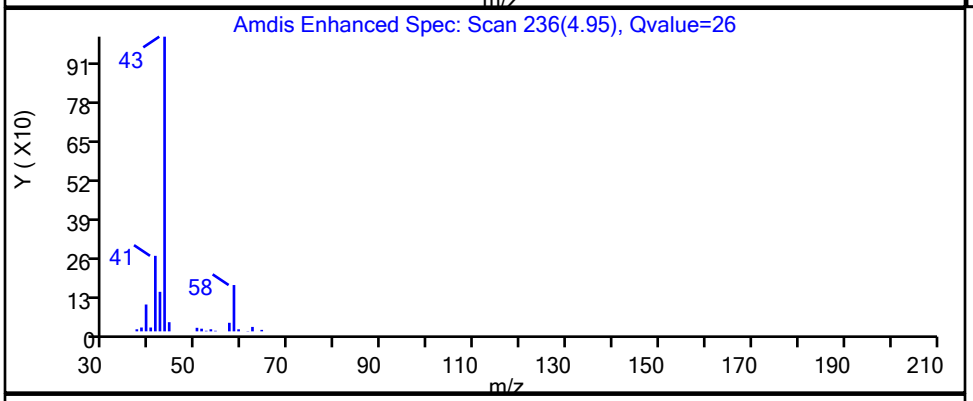
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Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

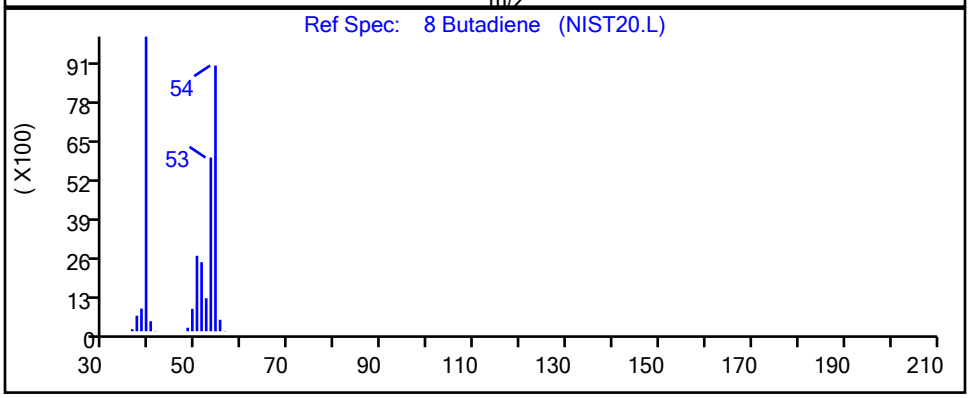
8 Butadiene, CAS: 106-99-0

Processing Results









RT	Mass	Response	Amount
4.95	54.00	809	0.053646

Reviewer: BKZ7, 26-Jun-2025 08:55:30 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

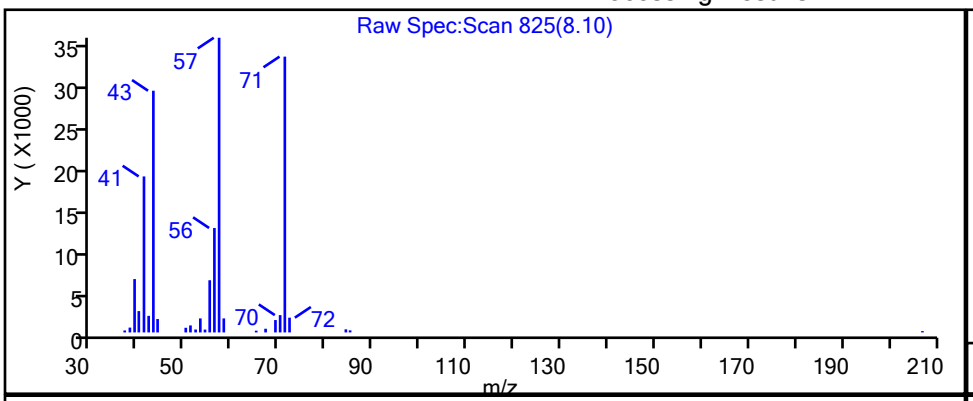
User Disabled Compound Report

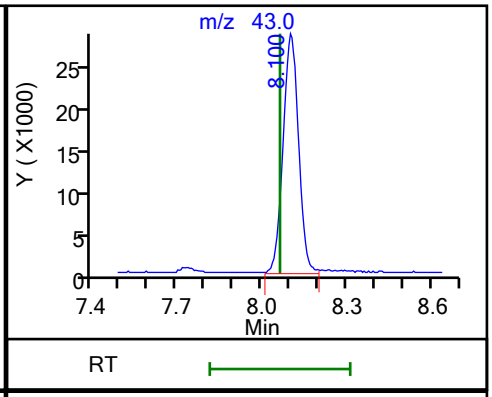
Eurofins Burlington

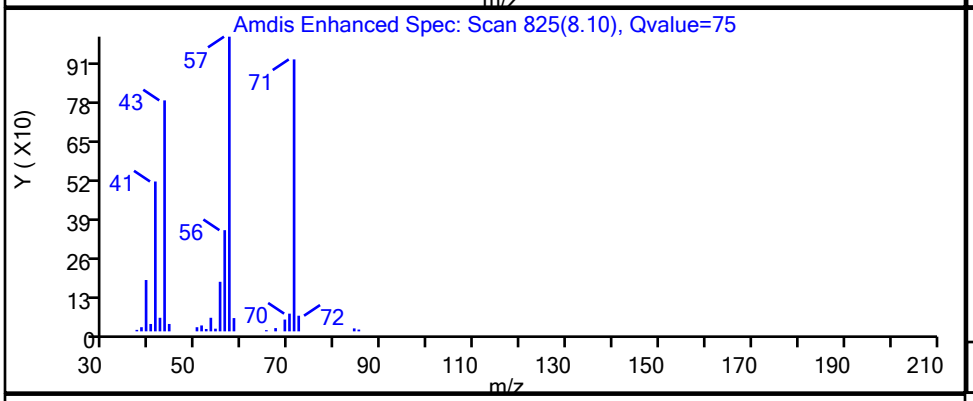
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Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

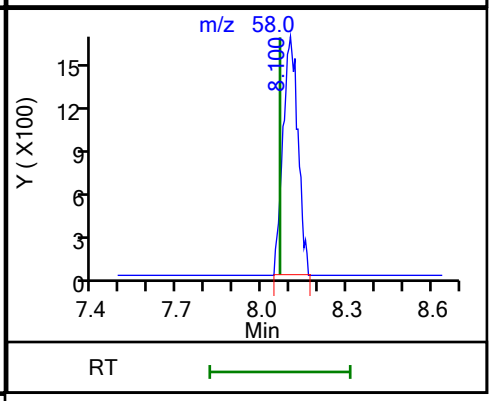
22 Acetone, CAS: 67-64-1

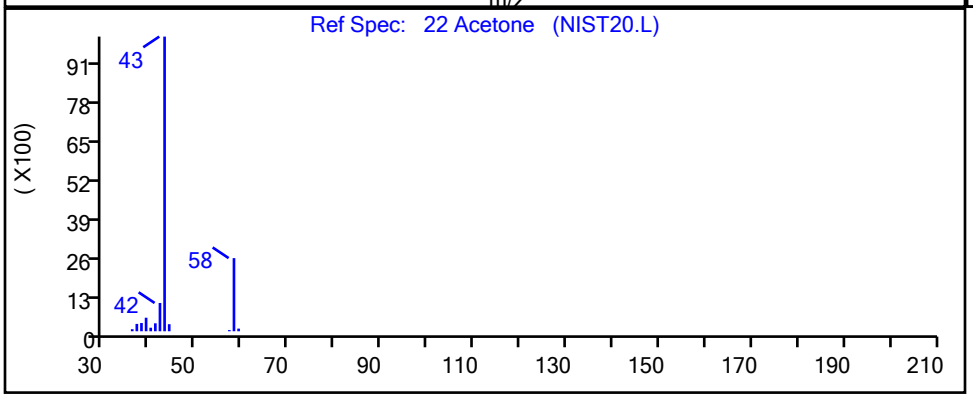
Processing Results











RT	Mass	Response	Amount
8.10	43.00	109925	3.304384
8.10	58.00	6204	

Reviewer: BKZ7, 26-Jun-2025 08:55:34 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

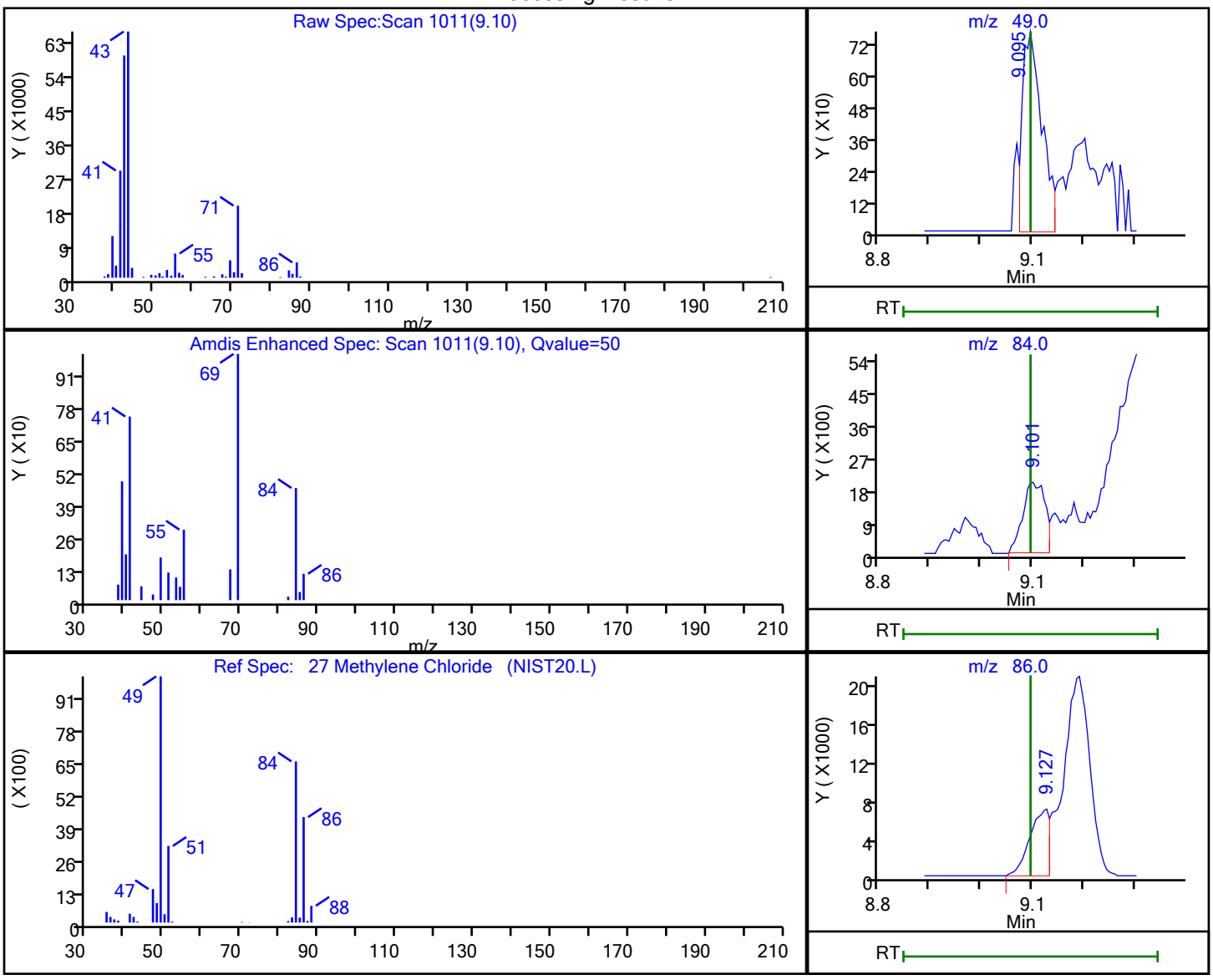
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d				
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
9.10	49.00	2063	0.069797
9.10	84.00	6092	
9.13	86.00	18134	

Reviewer: BKZ7, 26-Jun-2025 08:55:37 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

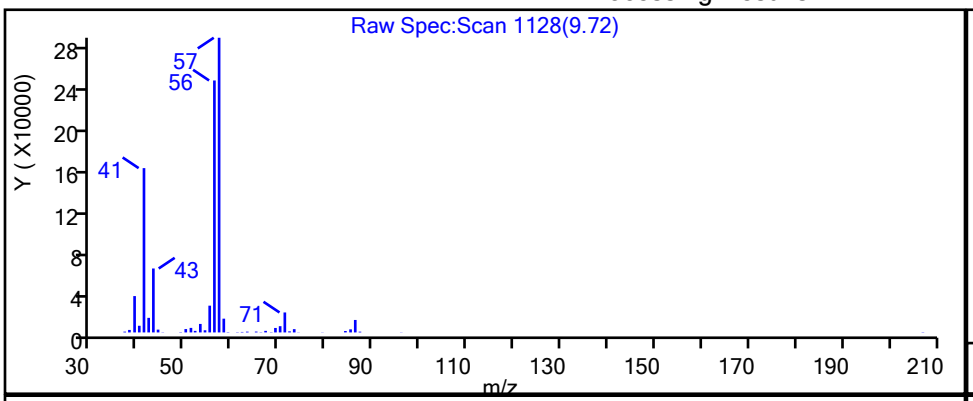
User Disabled Compound Report

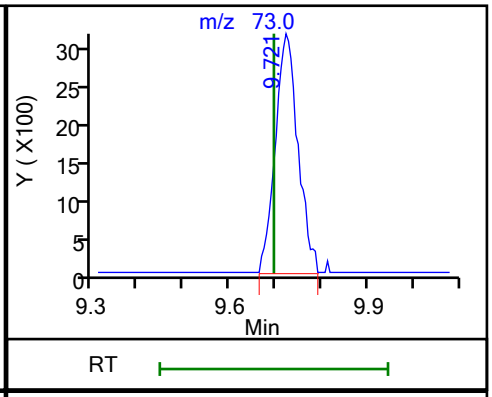
Eurofins Burlington

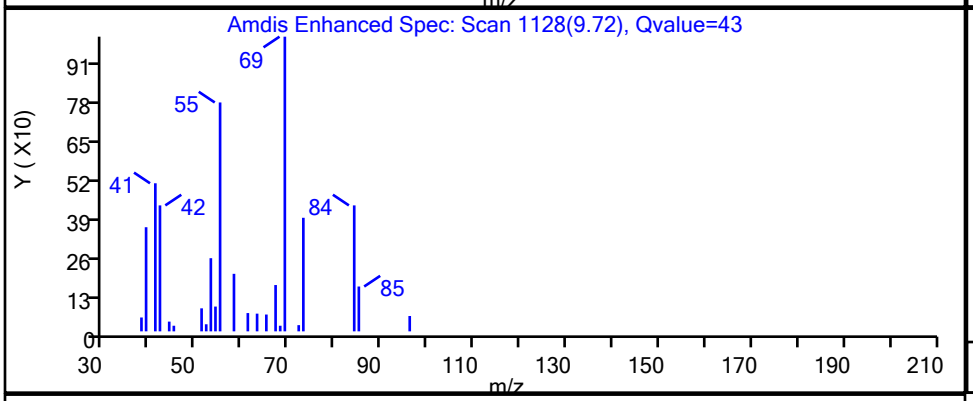
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Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

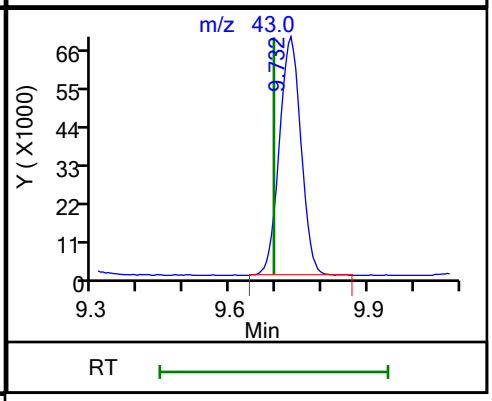
31 Methyl tert-butyl ether, CAS: 1634-04-4

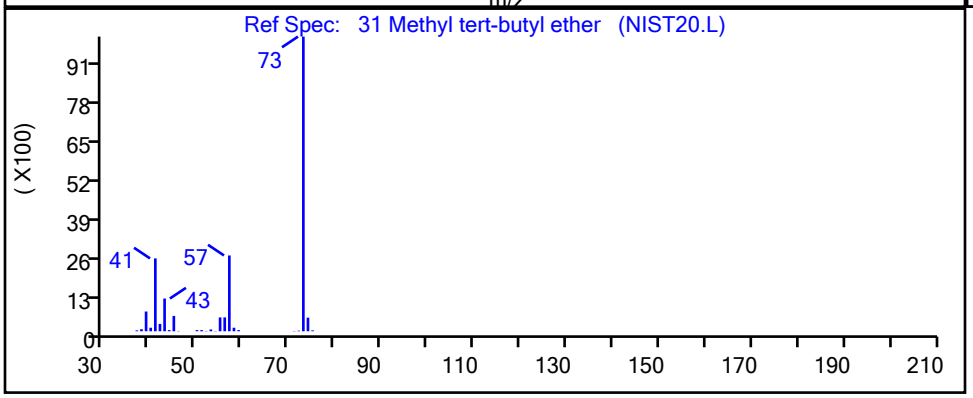
Processing Results











RT	Mass	Response	Amount
9.72	73.00	10910	0.156899
9.73	43.00	228792	

Reviewer: BKZ7, 26-Jun-2025 08:55:42 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

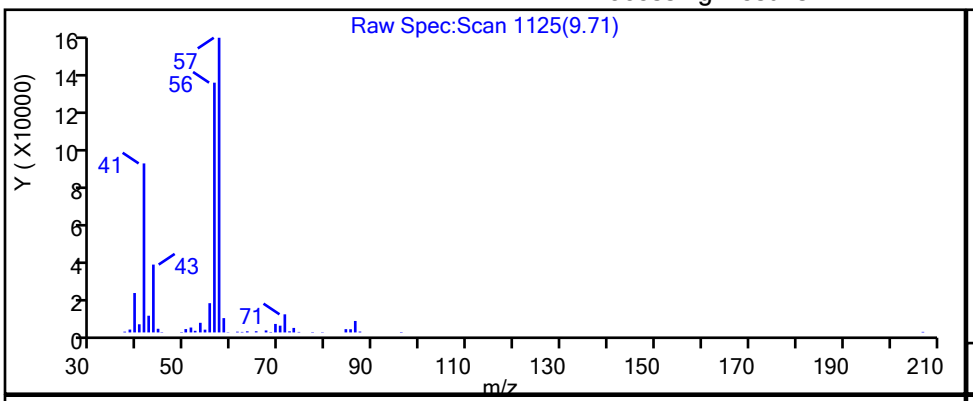
User Disabled Compound Report

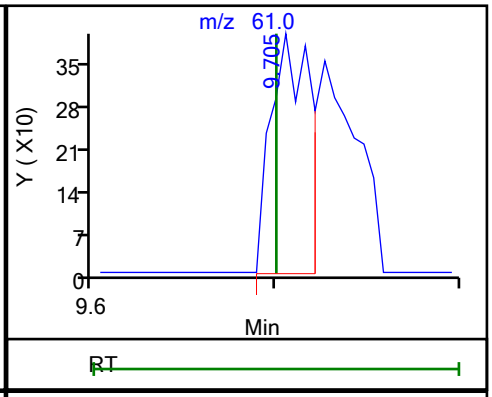
Eurofins Burlington

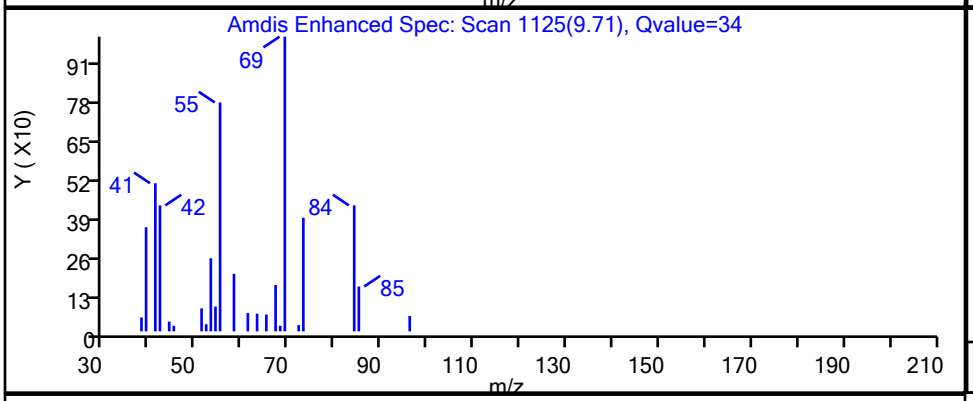
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Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

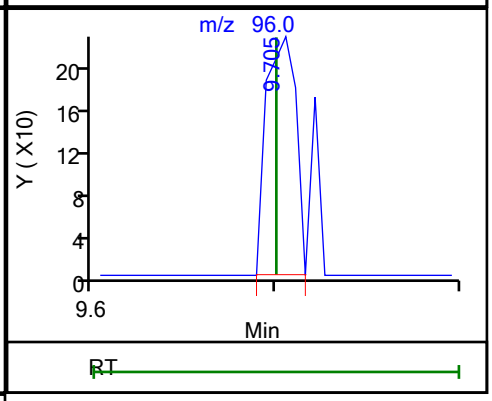
30 trans-1,2-Dichloroethene, CAS: 156-60-5

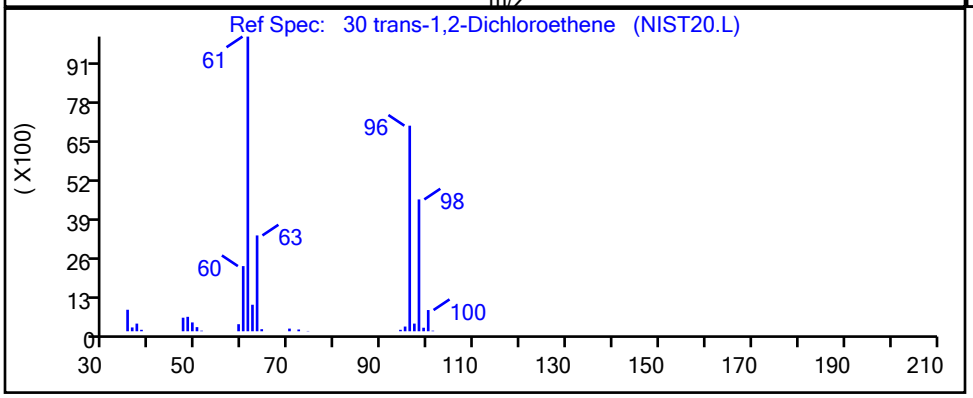
Processing Results











RT	Mass	Response	Amount
9.71	61.00	592	0.015664
9.71	96.00	254	

Reviewer: BKZ7, 26-Jun-2025 08:55:44 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

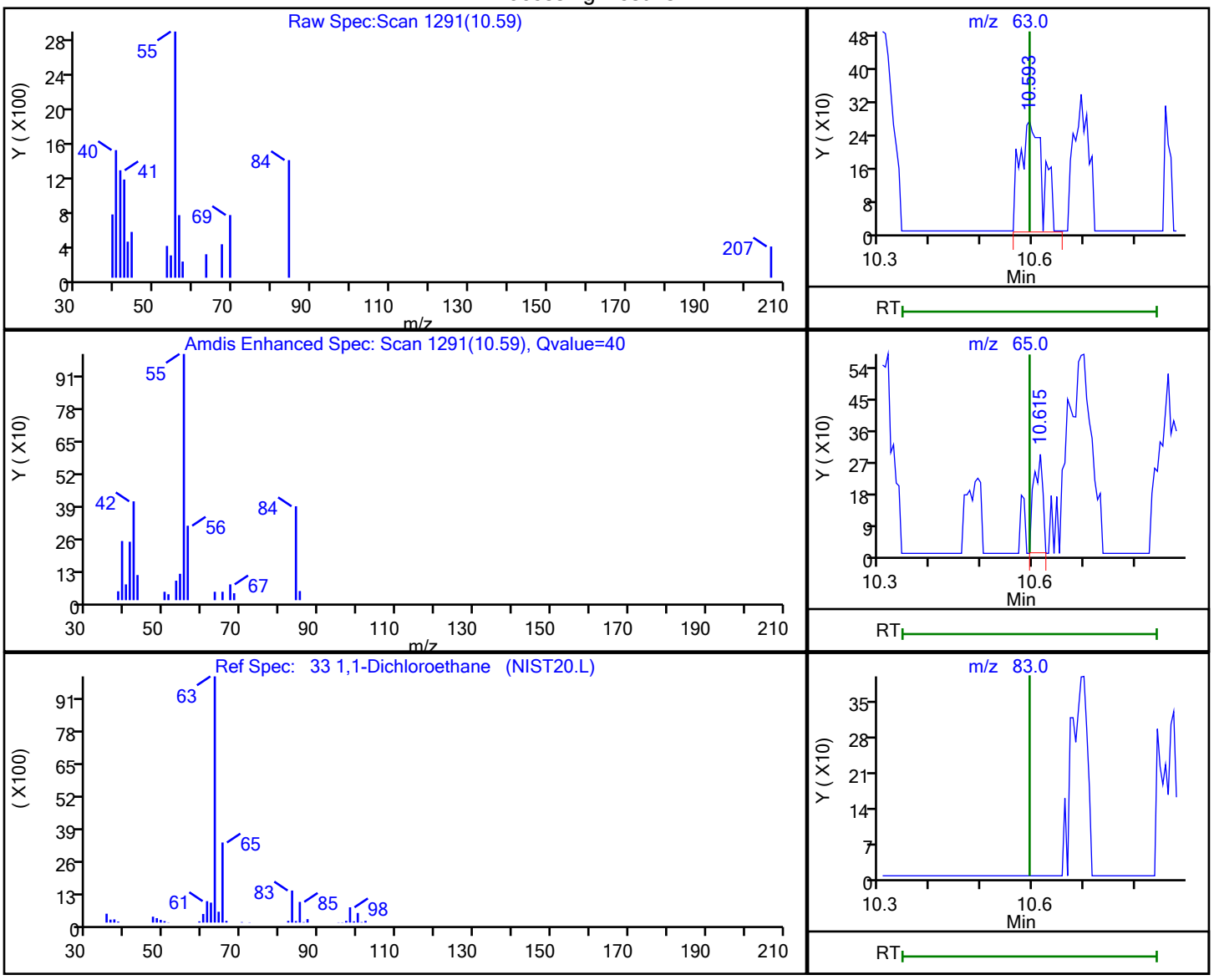
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d				
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

33 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
10.59	63.00	848	0.016704
10.61	65.00	348	
10.59	83.00	0	

Reviewer: BKZ7, 26-Jun-2025 08:55:47 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

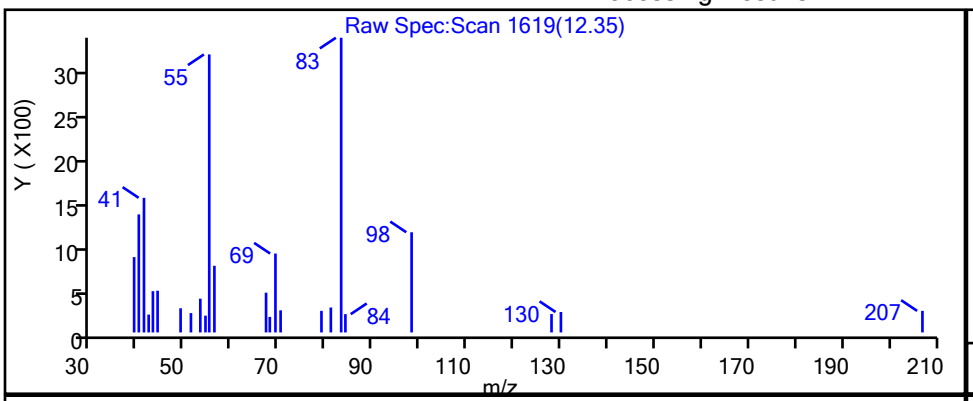
User Disabled Compound Report

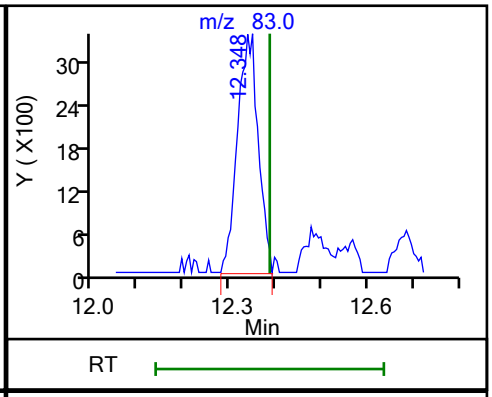
Eurofins Burlington

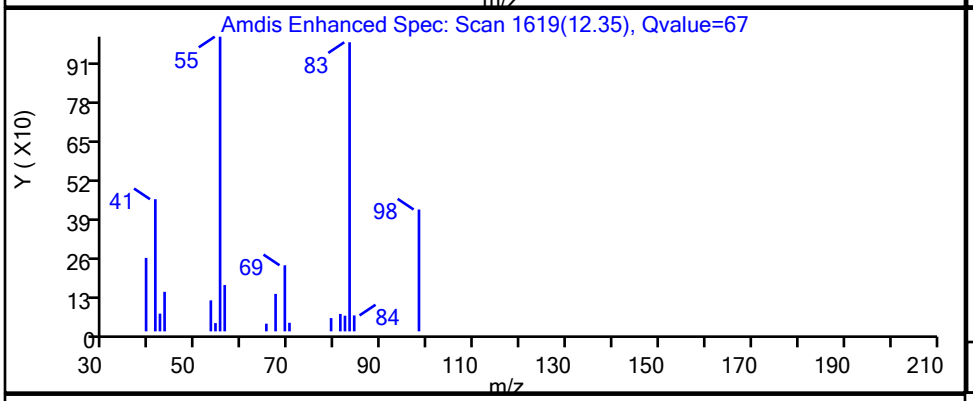
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d				
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

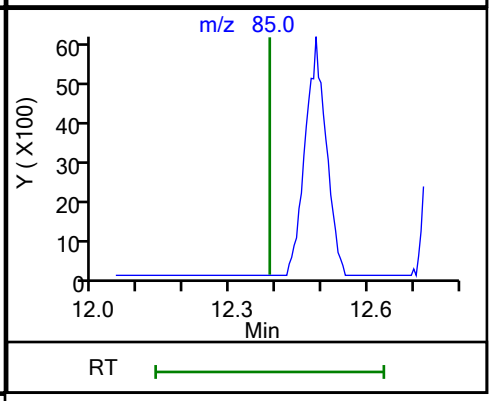
41 Chloroform, CAS: 67-66-3

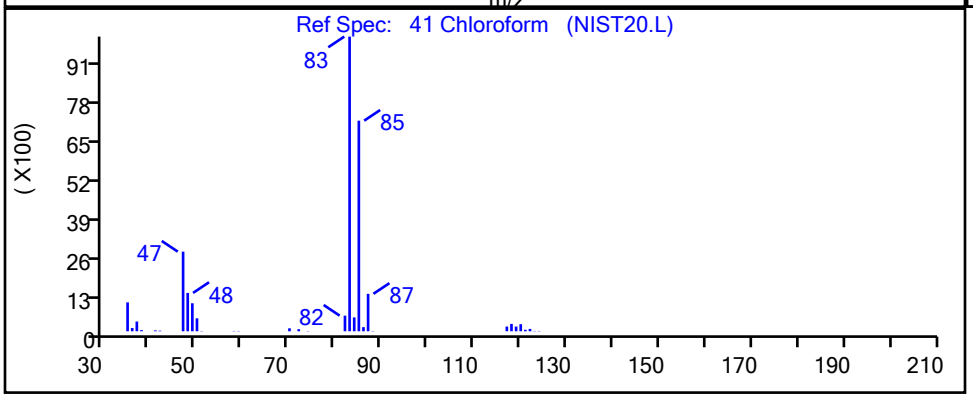
Processing Results











RT	Mass	Response	Amount
12.35	83.00	10494	0.183736
12.39	85.00	0	

Reviewer: BKZ7, 26-Jun-2025 08:55:50 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

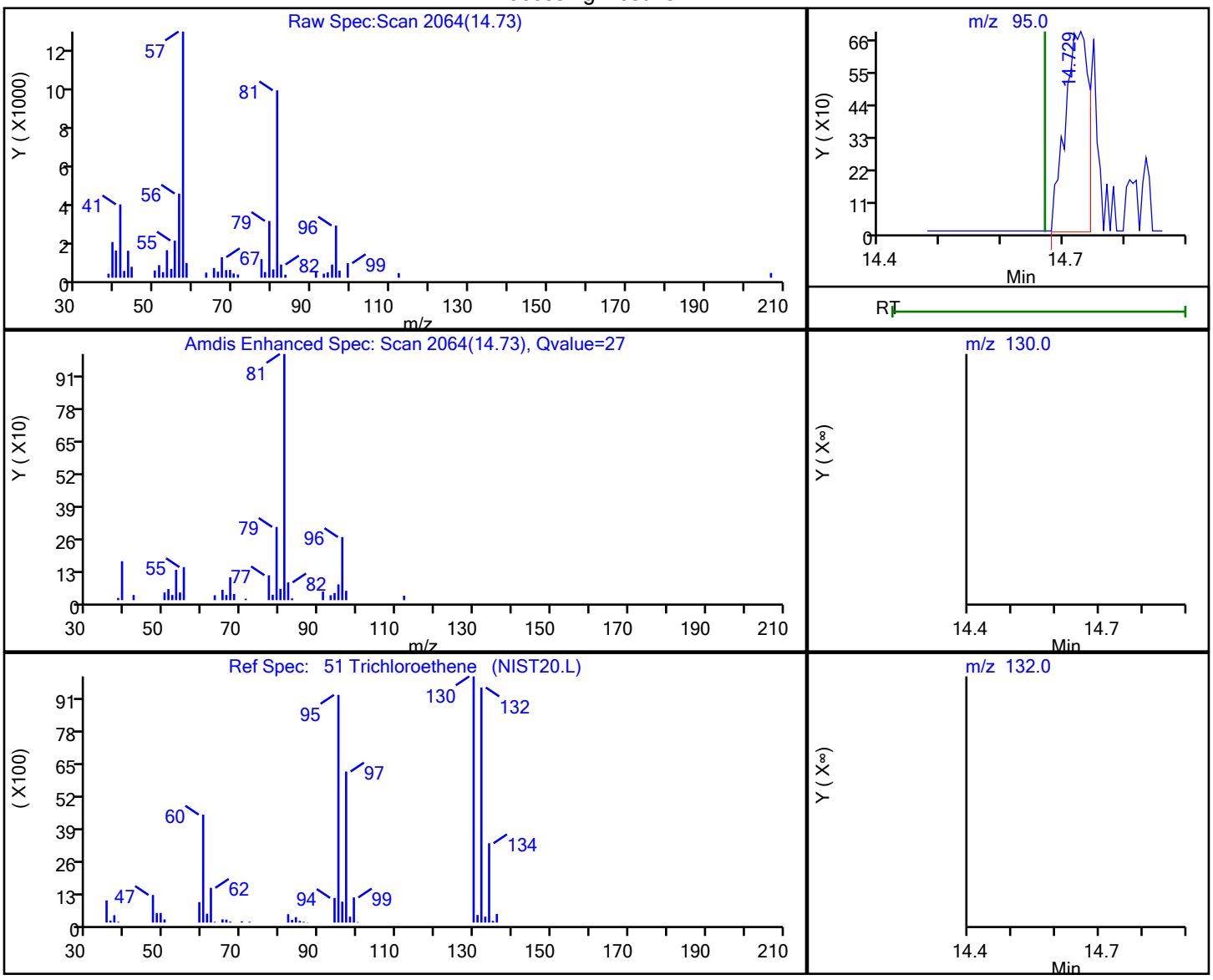
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d				
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

51 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
14.73	95.00	1817	0.041648
14.67	130.00	0	
14.67	132.00	0	

Reviewer: BKZ7, 26-Jun-2025 08:55:58 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

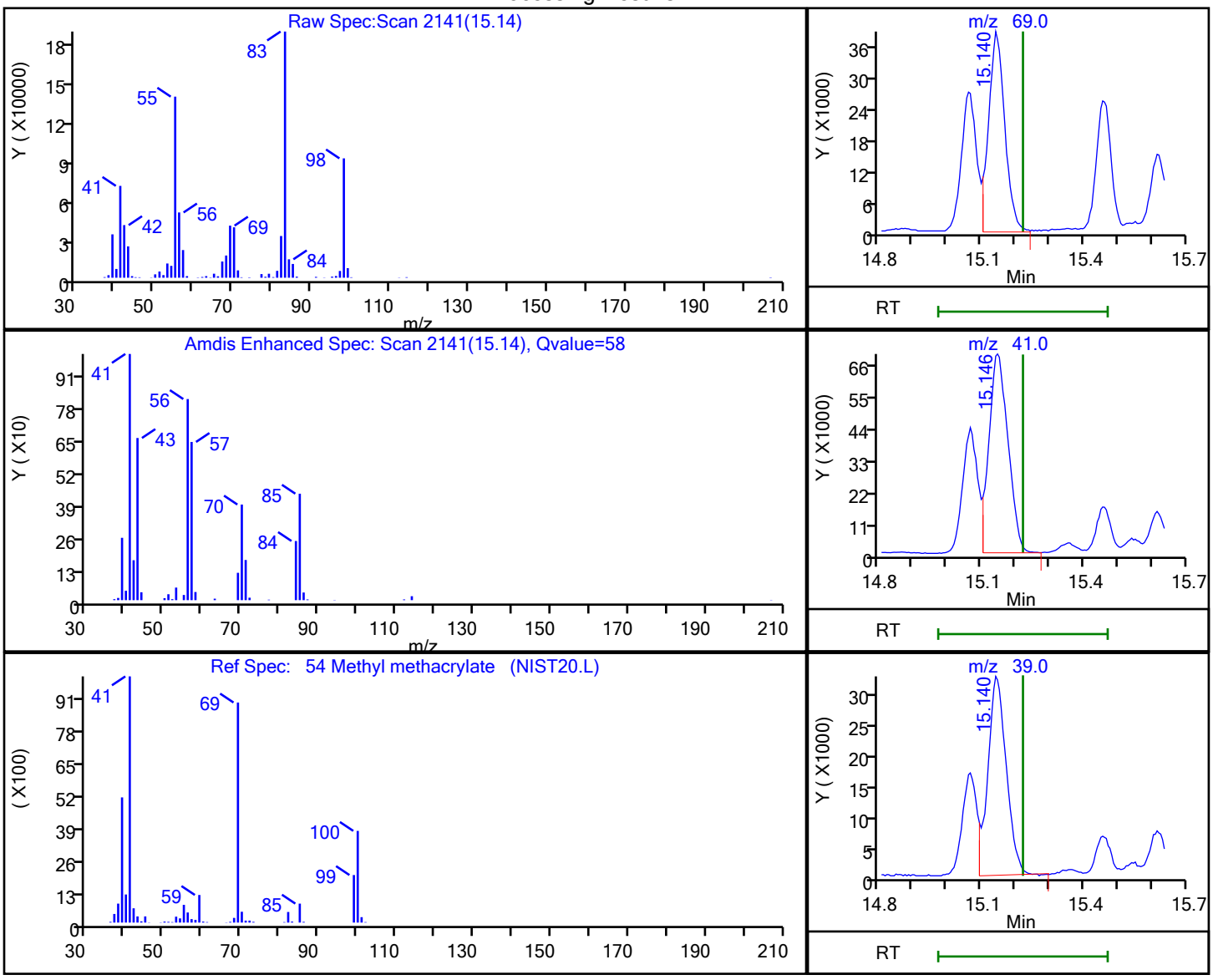
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d				
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

54 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
15.14	69.00	127299	4.043978
15.15	41.00	269953	
15.14	39.00	122146	

Reviewer: BKZ7, 26-Jun-2025 08:56:02 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

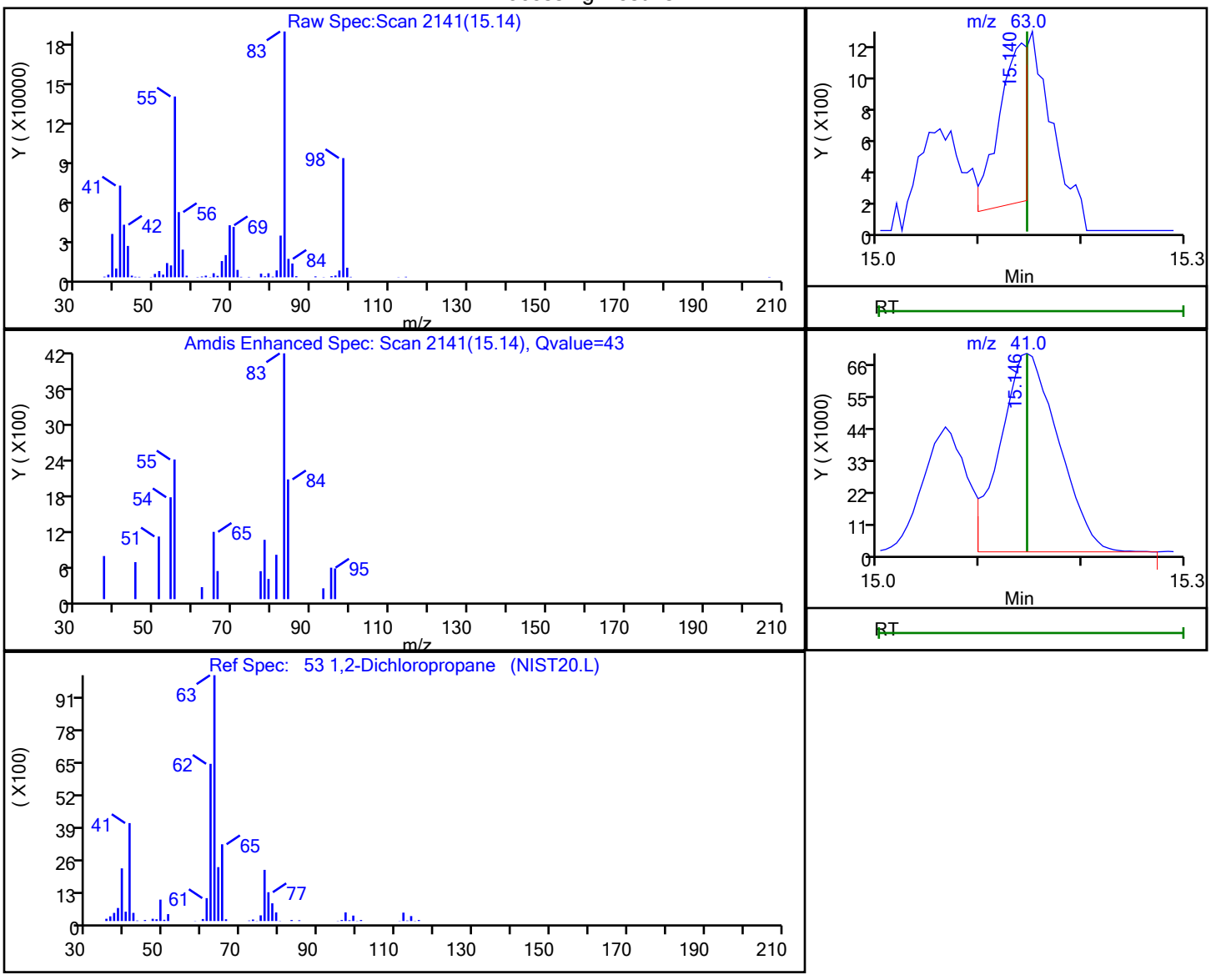
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d				
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
15.14	63.00	2013	0.058090
15.15	41.00	276669	

Reviewer: BKZ7, 26-Jun-2025 08:56:00 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

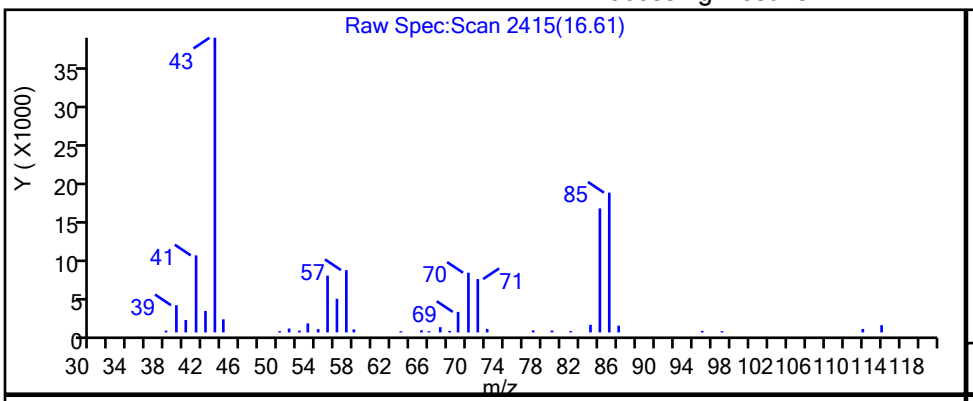
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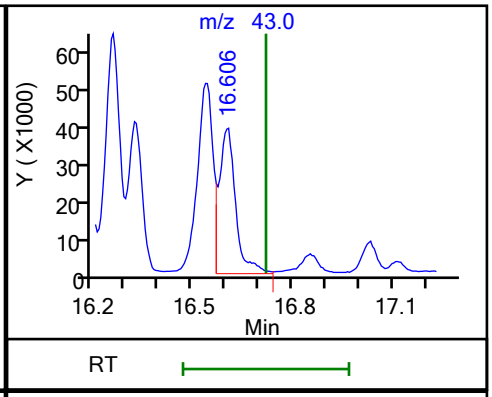
Eurofins Burlington

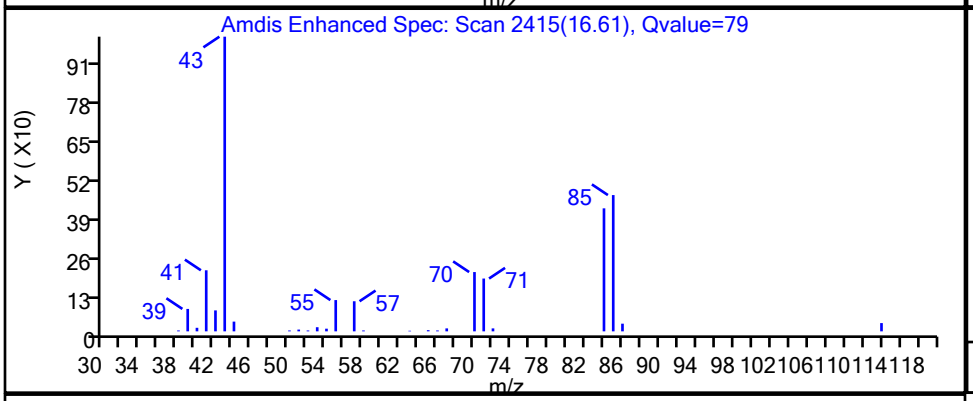
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Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

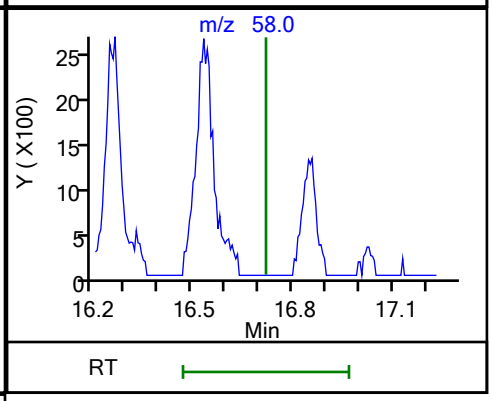
61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

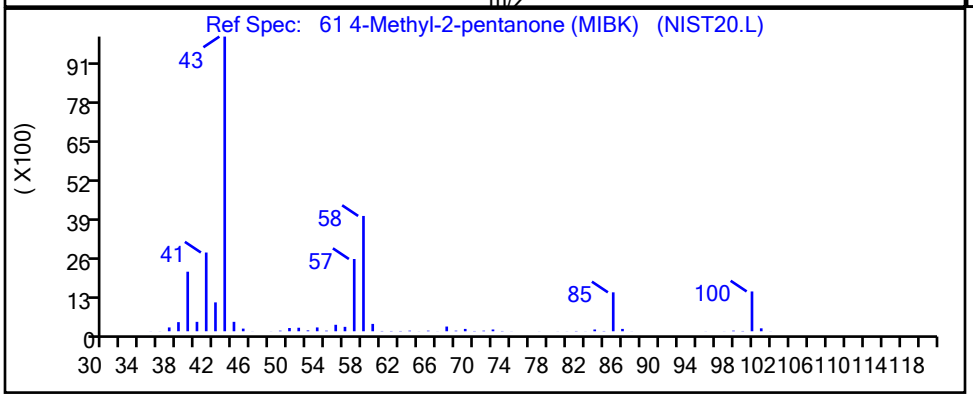
Processing Results











RT	Mass	Response	Amount
16.61	43.00	133179	2.414018
16.72	58.00	0	

Reviewer: BKZ7, 26-Jun-2025 08:56:04 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

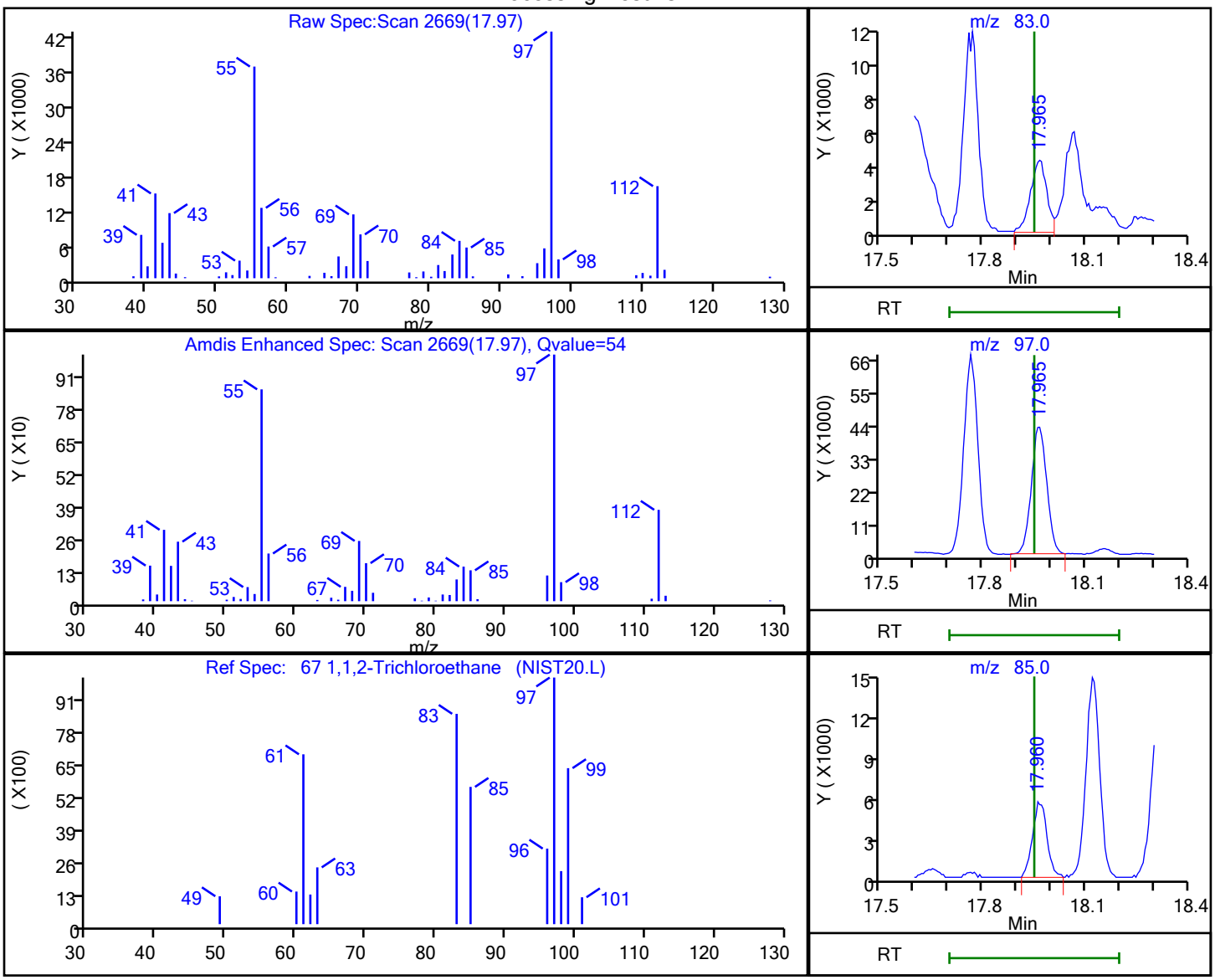
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d				
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	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
17.97	83.00	13619	0.421617
17.97	97.00	136087	
17.96	85.00	16325	

Reviewer: BKZ7, 26-Jun-2025 08:56:12 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

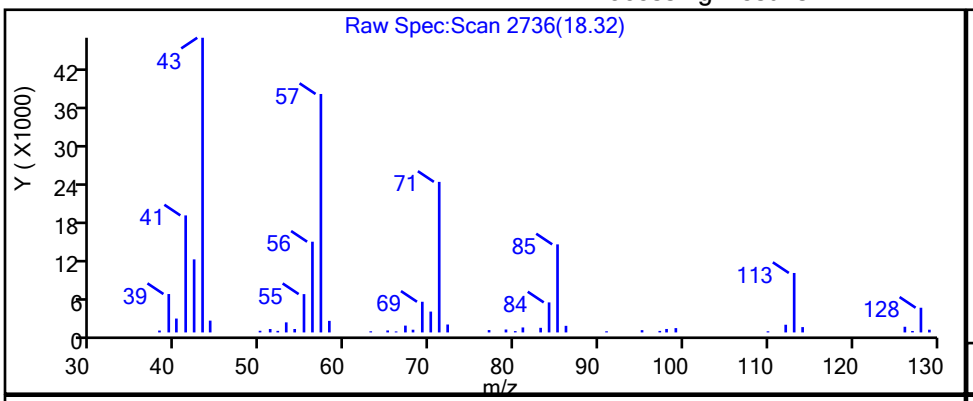
User Disabled Compound Report

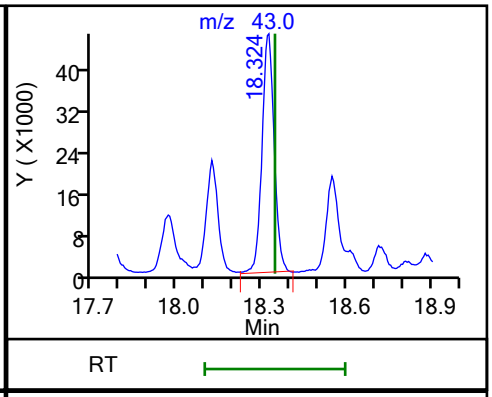
Eurofins Burlington

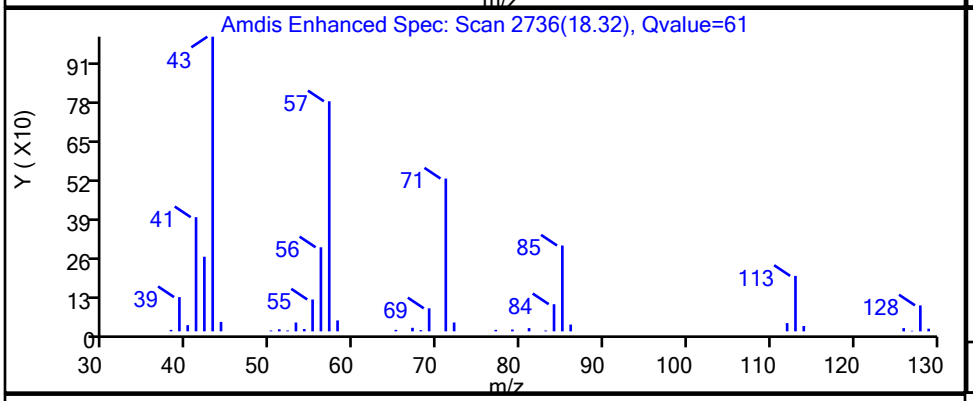
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d				
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

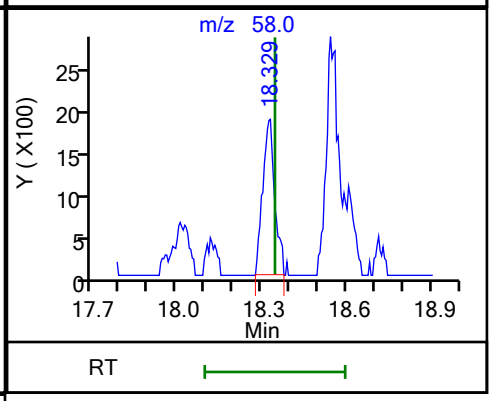
69 2-Hexanone, CAS: 591-78-6

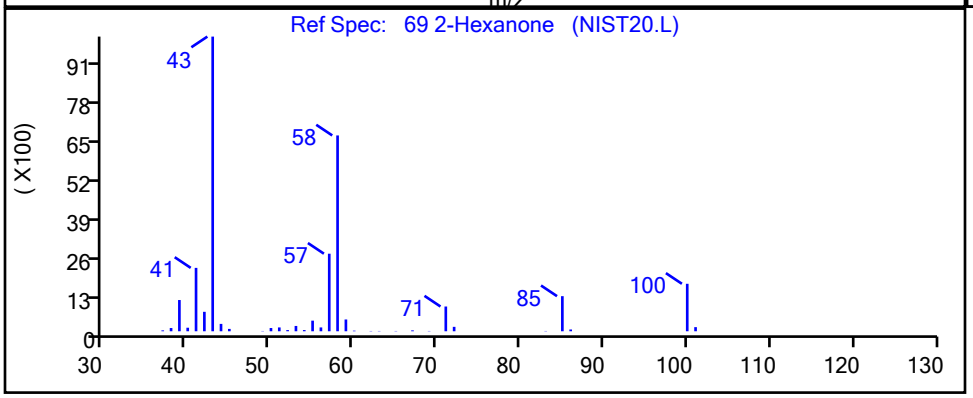
Processing Results











RT	Mass	Response	Amount
18.32	43.00	138362	2.746811
18.33	58.00	5470	

Reviewer: BKZ7, 26-Jun-2025 08:56:15 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

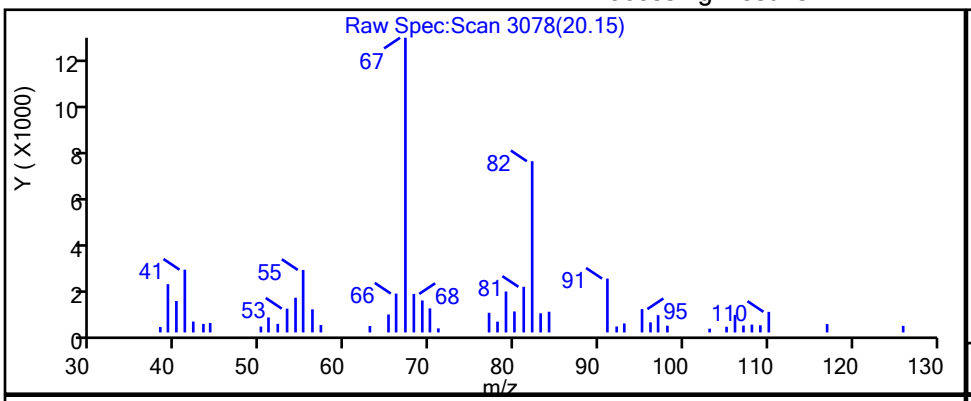
User Disabled Compound Report

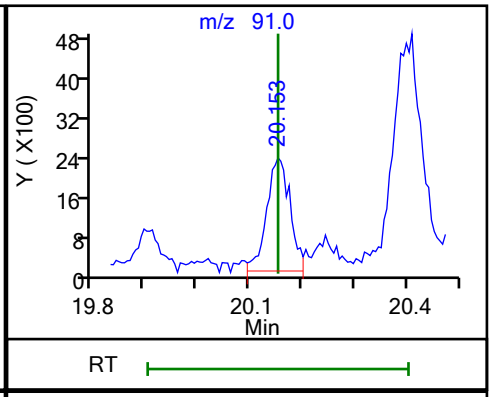
Eurofins Burlington

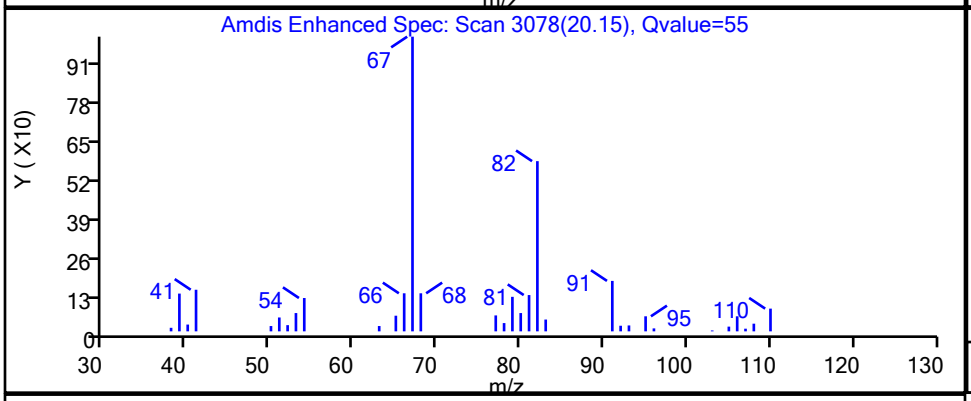
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d				
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

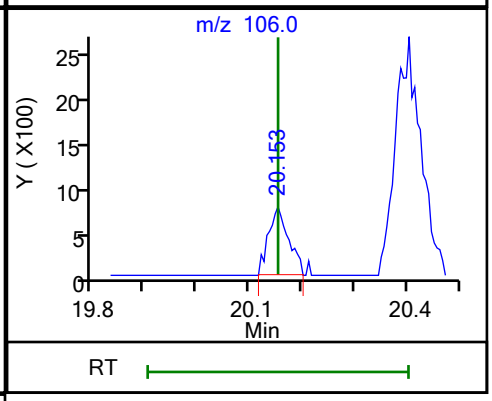
75 Ethylbenzene, CAS: 100-41-4

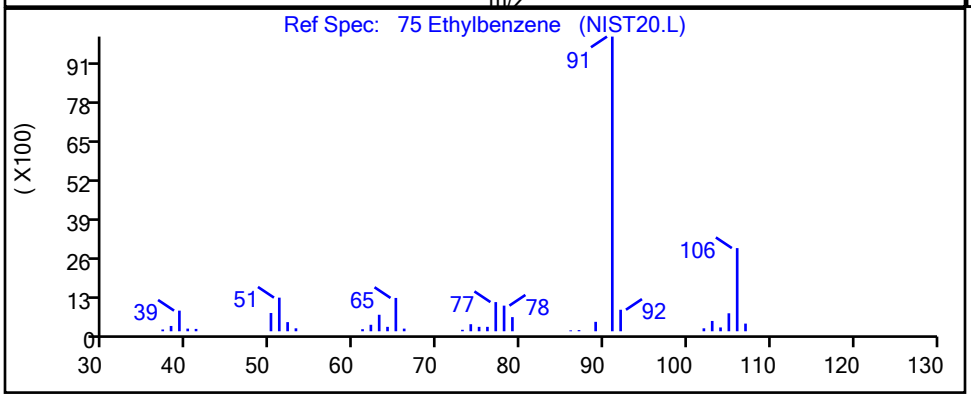
Processing Results











RT	Mass	Response	Amount
20.15	91.00	7151	0.051258
20.15	106.00	2055	

Reviewer: BKZ7, 26-Jun-2025 08:56:20 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

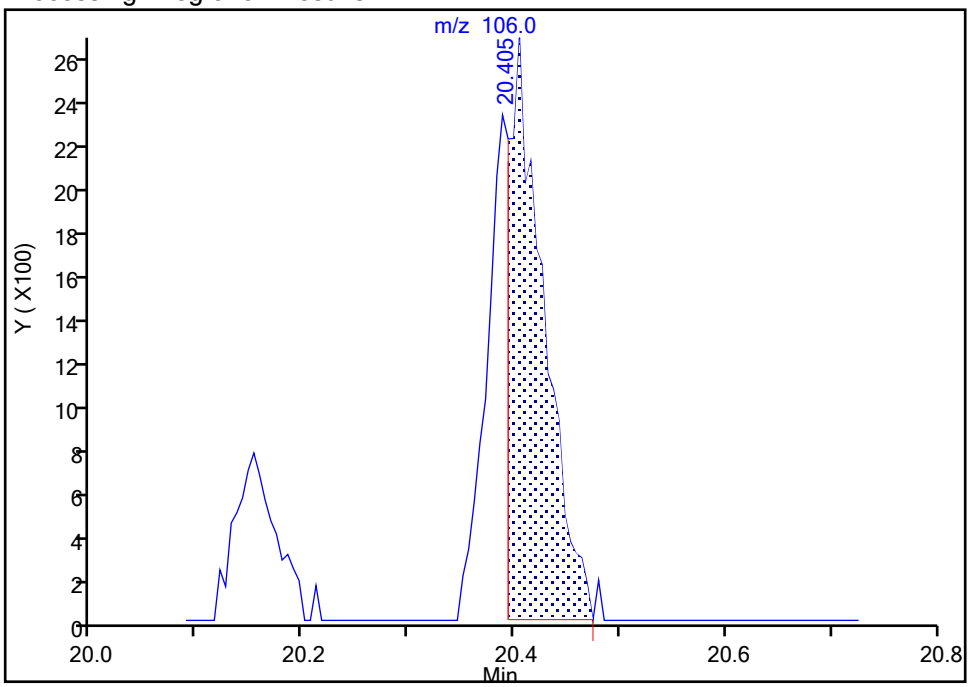
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d				
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	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

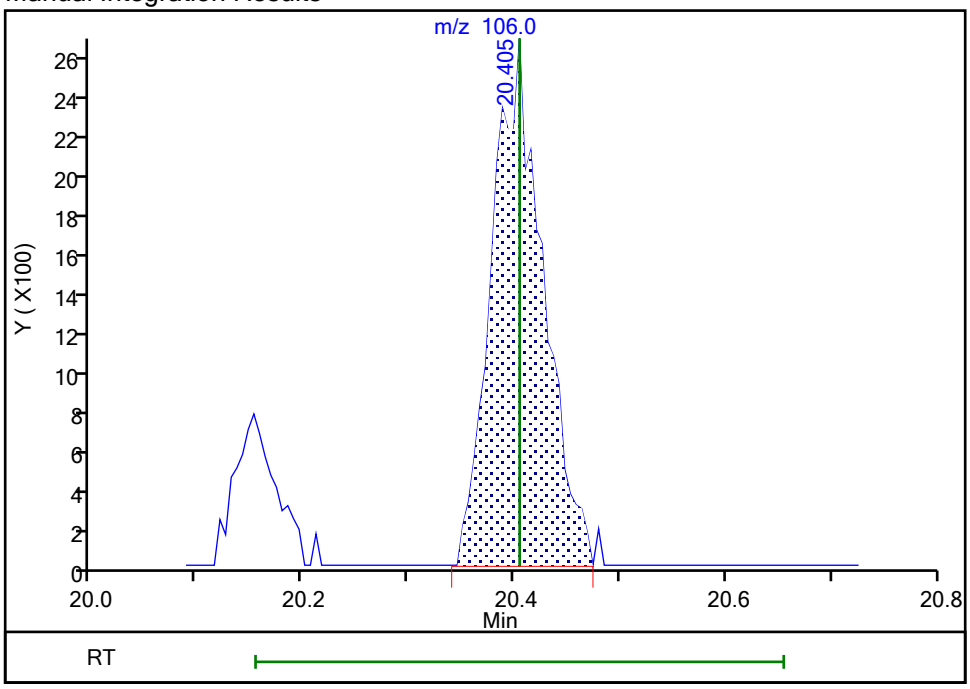
Processing Integration Results

RT: 20.40
Area: 6165
Amount: 0.111851
Amount Units: ppb v/v



Manual Integration Results

RT: 20.40
Area: 8972
Amount: 0.162778
Amount Units: ppb v/v



Reviewer: BKZ7, 26-Jun-2025 08:56:29 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

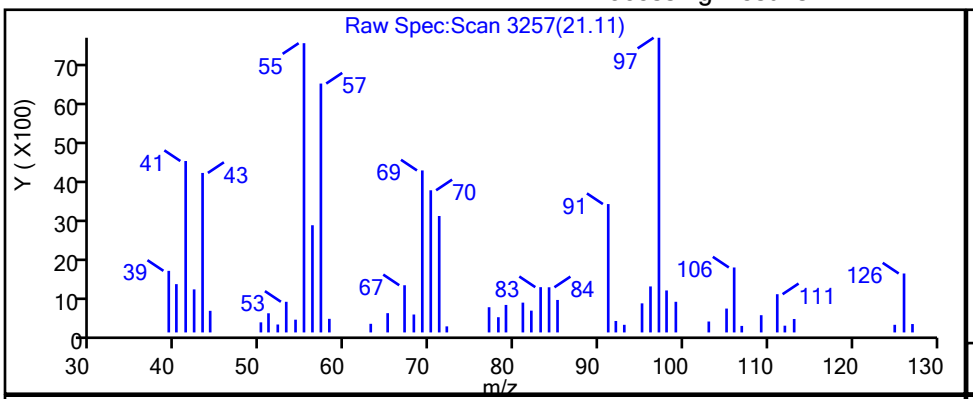
User Disabled Compound Report

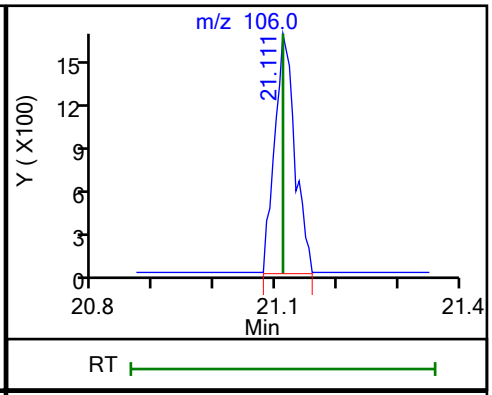
Eurofins Burlington

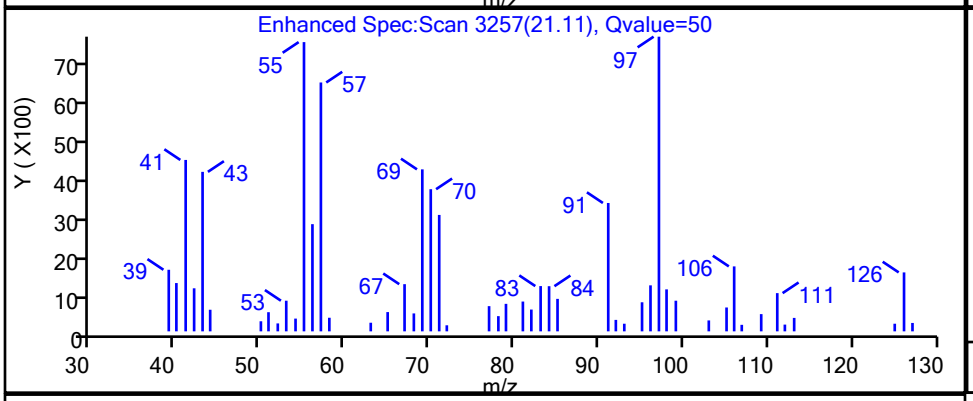
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d				
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

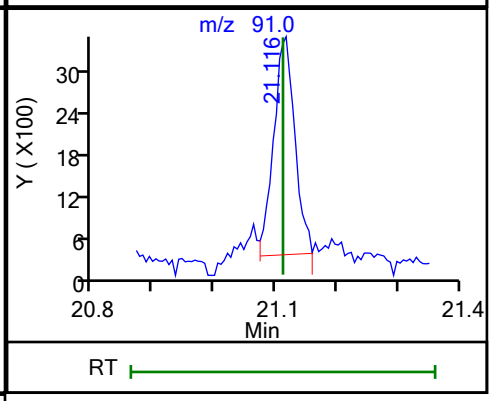
78 o-Xylene, CAS: 95-47-6

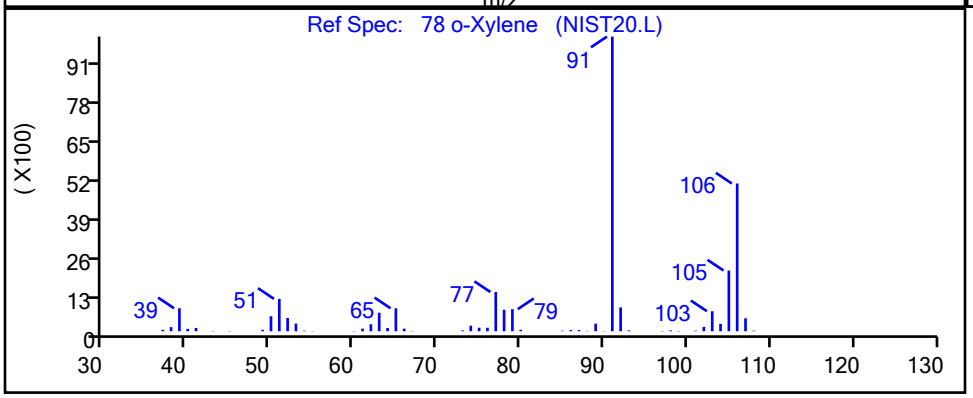
Processing Results











RT	Mass	Response	Amount
21.11	106.00	3869	0.076275
21.12	91.00	7541	

Reviewer: BKZ7, 26-Jun-2025 08:56:33 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

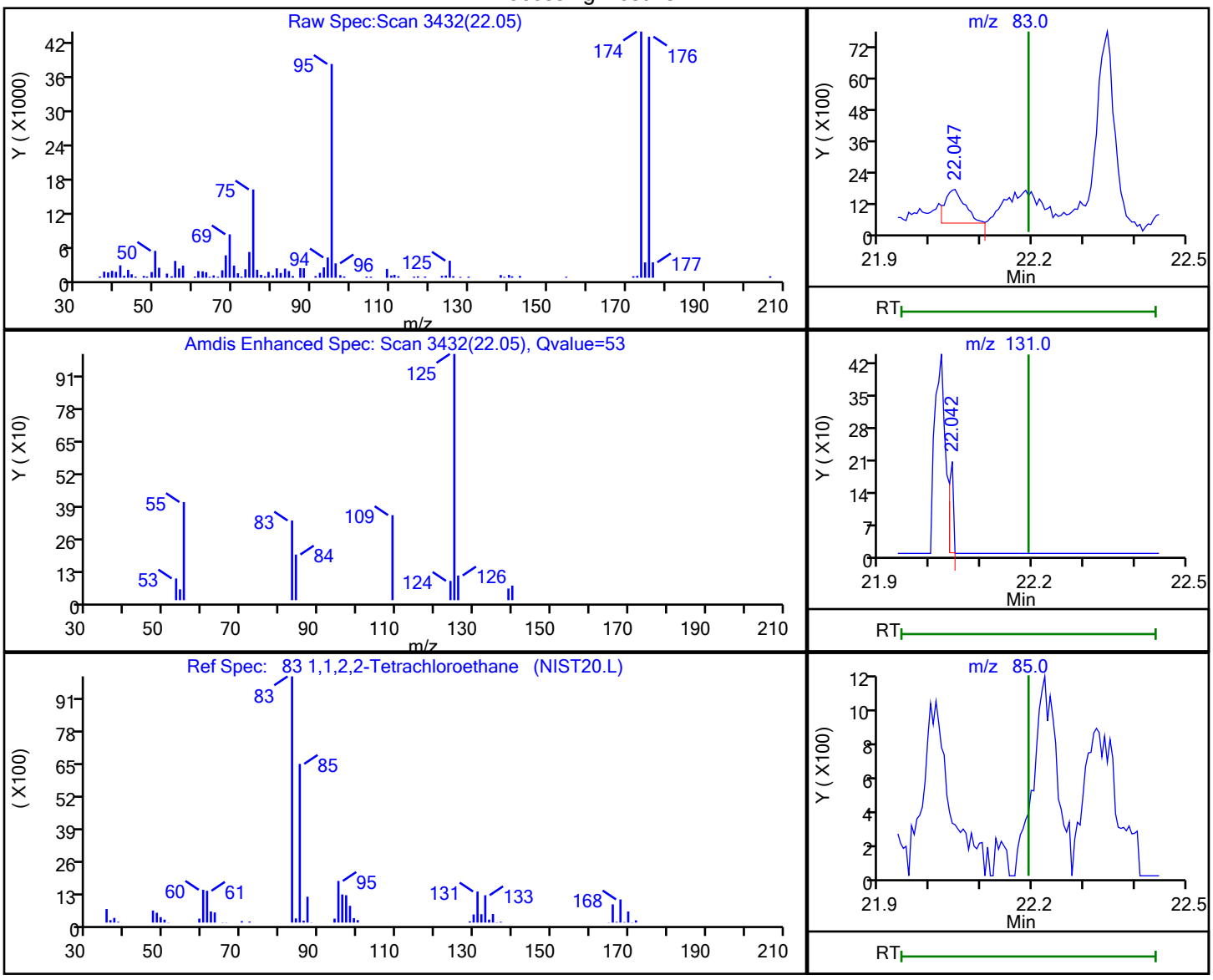
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d				
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

83 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
22.05	83.00	3396	0.039107
22.04	131.00	114	
22.19	85.00	0	

Reviewer: BKZ7, 26-Jun-2025 08:56:38 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

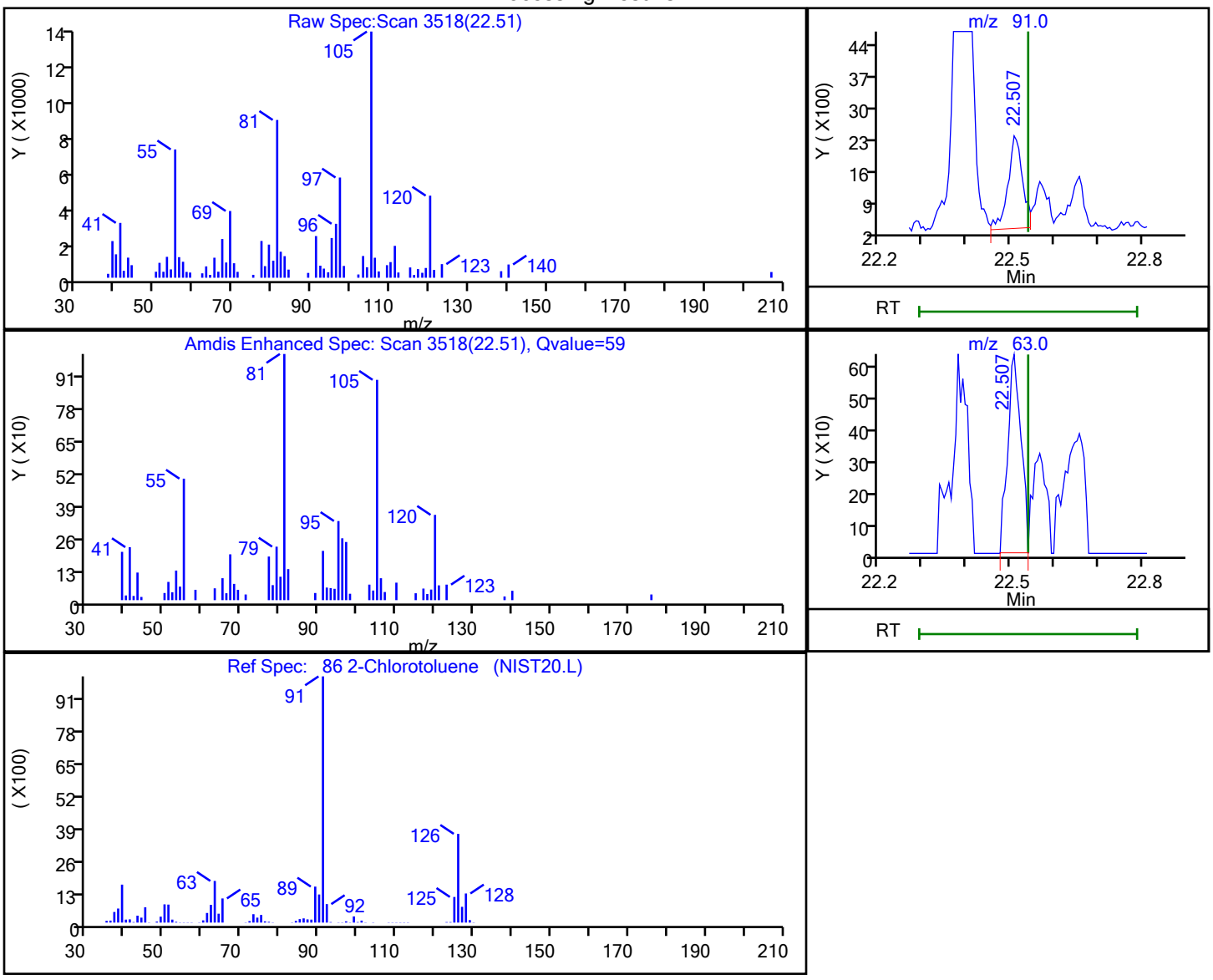
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-27.d				
Injection Date:	26-Jun-2025 06:21:30	Instrument ID:	CHW.i		
Lims ID:	200-78438-A-6 DL	Lab Sample ID:	200-78438-6		
Client ID:	RXSV-07				
Operator ID:	vtp	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1040.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

86 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
22.51	91.00	4765	0.035323
22.51	63.00	1332	

Reviewer: BKZ7, 26-Jun-2025 08:56:41 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1 Analy Batch No.: 216098

SDG No.:

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

Calibration Start Date: 05/12/2025 16:47 Calibration End Date: 05/13/2025 01:19 Calibration ID: 55138

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-216098/4	65111_004.D
Level 2	IC 200-216098/6	65111_006.D
Level 3	IC 200-216098/7	65111_007.D
Level 4	IC 200-216098/8	65111_008.D
Level 5	ICIS 200-216098/9	65111_009.D
Level 6	IC 200-216098/10	65111_010.D
Level 7	IC 200-216098/13	65111_013.D
Level 8	IC 200-216098/14	65111_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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.6128	+++++ 0.5853	+++++ 0.6013	0.5883	0.6031	Ave		0.5982				1.9		30.0			
Dichlorodifluoromethane	+++++ 2.6490	+++++ 2.5632	2.6008 2.5570	2.5581	2.5969	Ave		2.5875				1.4		30.0			
Chlorodifluoromethane	+++++ 1.4063	+++++ 1.3623	1.4369 1.3693	1.3835	1.4038	Ave		1.3937				2.0		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 2.7778	2.9140 2.7037	2.7160 2.6859	2.6814	2.7218	Ave		2.7430				3.0		30.0			
Chloromethane	+++++ 0.7729	+++++ 0.7455	0.8146 0.7405	0.7628	0.7655	Ave		0.7670				3.4		30.0			
n-Butane	+++++ 1.6767	+++++ 1.6359	1.7831 1.5584	1.6896	1.6919	Ave		1.6726				4.4		30.0			
Vinyl chloride	1.0719 1.2417	1.3562 1.2152	1.2994 1.1633	1.2448	1.2490	Ave		1.2302				6.9		30.0			
1,3-Butadiene	1.2546 0.9304	1.0515 0.9119	0.9949 0.8740	0.9310	0.9402	Ave		0.9861				12.3		30.0			
Bromomethane	+++++ 1.0310	1.0973 1.0107	1.0206 1.0040	0.9989	1.0142	Ave		1.0252				3.3		30.0			
Chloroethane	+++++ 0.5563	+++++ 0.5435	0.5469 0.5392	0.5418	0.5453	Ave		0.5455				1.1		30.0			
Isopentane	+++++ 1.0457	1.1324 1.0144	1.0349 1.0169	1.0107	1.0322	Ave		1.0410				4.1		30.0			
Bromoethene(Vinyl Bromide)	+++++ 1.0450	1.0413 1.0264	0.9809 1.0212	0.9871	1.0147	Ave		1.0167				2.4		30.0			
Trichlorofluoromethane	+++++ 2.7606	2.9336 2.7116	2.7668 2.6825	2.6951	2.7078	Ave		2.7512				3.1		30.0			

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

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1 Analy Batch No.: 216098

SDG No.:

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

Calibration Start Date: 05/12/2025 16:47 Calibration End Date: 05/13/2025 01:19 Calibration ID: 55138

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	+++++ 1.6685	+++++ 1.6226	1.5848 1.6188	1.5958	1.6467	Ave		1.6229				1.9		30.0			
Ethanol	+++++ 0.4655	+++++ 0.4546	0.4513 0.4680	0.4376	0.4525	Ave		0.4549				2.4		30.0			
Ethyl ether	+++++ 0.7631	0.6930 0.7538	0.7046 0.7516	0.7255	0.7489	Ave		0.7343				3.7		30.0			
Acrolein	+++++ 0.3951	+++++ 0.3865	+++++ 0.3990	0.3493	0.3833	Ave		0.3827				5.1		30.0			
1,1-Dichloroethene	1.1339 1.1681	1.1785 1.1577	1.1292 1.1490	1.1204	1.1422	Ave		1.1474				1.7		30.0			
Freon TF	+++++ 2.5074	2.6345 2.4738	2.5067 2.4399	2.4054	2.4752	Ave		2.4918				2.9		30.0			
Acetone	+++++ 1.5819	+++++ 1.5343	+++++ 1.5362	1.5470	1.5713	Ave		1.5542				1.4		30.0			
Isopropyl alcohol	+++++ 1.8292	+++++ 1.5250	+++++ 1.5424	1.5337	1.5906	Ave		1.6042				8.0		30.0			
Carbon disulfide	+++++ 3.4730	+++++ 3.4264	3.3868 3.3348	3.3595	3.4283	Ave		3.4015				1.5		30.0			
Acetonitrile	+++++ 0.8107	+++++ 0.7927	+++++ 0.7879	0.7476	0.8000	Ave		0.7878				3.1		30.0			
3-Chloropropene	+++++ 1.3588	1.5135 1.3186	1.3297 1.3092	1.3097	1.3272	Ave		1.3524				5.4		30.0			
Methylene Chloride	+++++ 1.3235	+++++ 1.3043	1.3939 1.2719	1.3123	1.3278	Ave		1.3223				3.0		30.0			
tert-Butyl alcohol	+++++ 2.3233	+++++ 2.2490	+++++ 2.2365	2.1794	2.2982	Ave		2.2573				2.5		30.0			
Acrylonitrile	+++++ 0.8484	+++++ 0.8367	0.7566 0.8362	0.8092	0.8187	Ave		0.8176				4.0		30.0			
trans-1,2-Dichloroethene	1.6440 1.7575	1.7624 1.7438	1.6737 1.6949	1.7027	1.7416	Ave		1.7151				2.5		30.0			
Methyl tert-butyl ether	+++++ 3.3898	3.1884 3.3385	3.0023 3.2761	3.2217	3.3196	Ave		3.2481				4.0		30.0			
n-Hexane	+++++ 1.8435	1.8355 1.8202	1.6920 1.7798	1.7636	1.8153	Ave		1.7928				3.0		30.0			
1,1-Dichloroethane	1.9973 2.2332	2.3299 2.2051	2.1699 2.1426	2.1708	2.2076	Ave		2.1820				4.3		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.: 200-78438-1 Analy Batch No.: 216098

SDG No.:

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

Calibration Start Date: 05/12/2025 16:47 Calibration End Date: 05/13/2025 01:19 Calibration ID: 55138

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Vinyl acetate	+++++ 2.5080	+++++ 2.4752	+++++ 2.4549	2.3230	2.4418	Ave		2.4406				2.9		30.0			
Methyl Ethyl Ketone	+++++ 0.6090	+++++ 0.5964	0.5128 0.6022	0.5699	0.5946	Ave		0.5808				6.2		30.0			
cis-1,2-Dichloroethene	1.3881 1.3365	1.4073 1.3240	1.2416 1.3001	1.2772	1.3129	Ave		1.3235				4.1		30.0			
Ethyl acetate	+++++ 0.1101	+++++ 0.1074	+++++ 0.1082	0.1028	0.1085	Ave		0.1074				2.5		30.0			
Tetrahydrofuran	+++++ 0.2624	+++++ 0.2552	+++++ 0.2559	0.2515	0.2588	Ave		0.2567				1.6		30.0			
Chloroform	+++++ 2.6011	2.7235 2.5770	2.5034 2.5025	2.5252	2.5685	Ave		2.5716				3.0		30.0			
1,1,1-Trichloroethane	+++++ 0.5255	0.5391 0.5166	0.5070 0.5151	0.5053	0.5105	Ave		0.5170				2.3		30.0			
Cyclohexane	+++++ 0.3394	0.3278 0.3332	0.3080 0.3335	0.3208	0.3281	Ave		0.3273				3.1		30.0			
Carbon tetrachloride	0.4135 0.5347	0.5249 0.5278	0.5017 0.5255	0.5058	0.5161	Ave		0.5063				7.7		30.0			
Benzene	+++++ 0.7899	0.8225 0.7743	0.7577 0.7609	0.7635	0.7720	Ave		0.7773				2.9		30.0			
1,2-Dichloroethane	+++++ 0.3426	0.3463 0.3341	0.3287 0.3300	0.3351	0.3361	Ave		0.3361				1.9		30.0			
2,2,4-Trimethylpentane	+++++ 1.2314	1.1684 1.2055	1.1182 1.1779	1.1852	1.2053	Ave		1.1846				3.0		30.0			
n-Heptane	+++++ 0.4312	0.4018 0.4228	0.3793 0.4197	0.4121	0.4220	Ave		0.4127				4.2		30.0			
n-Butanol	+++++ 0.1759	+++++ 0.1707	+++++ 0.1798	0.1531	0.1674	Ave		0.1694				6.1		30.0			
Trichloroethene	0.3382 0.3554	0.3399 0.3500	0.3346 0.3503	0.3362	0.3442	Ave		0.3436				2.2		30.0			
1,2-Dichloropropane	+++++ 0.3022	0.2981 0.2976	0.2866 0.2957	0.2888	0.2942	Ave		0.2947				1.9		30.0			
Methyl methacrylate	+++++ 0.2863	+++++ 0.2828	0.2139 0.2861	0.2574	0.2747	Ave		0.2669				10.5		30.0			
1,4-Dioxane	+++++ 0.1509	0.1471 0.1439	0.1378 0.1446	0.1544	0.1516	Ave		0.1472				3.8		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.: 200-78438-1 Analy Batch No.: 216098

SDG No.:

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

Calibration Start Date: 05/12/2025 16:47 Calibration End Date: 05/13/2025 01:19 Calibration ID: 55138

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	+++++ 0.2966	0.3059 0.2927	0.2847 0.2929	0.2819	0.2851	Ave		0.2914				2.9		30.0			
Bromodichloromethane	+++++ 0.5910	0.5755 0.5835	0.5352 0.5803	0.5588	0.5739	Ave		0.5712				3.3		30.0			
cis-1,3-Dichloropropene	+++++ 0.5169	0.4571 0.5099	0.4314 0.5120	0.4754	0.4985	Ave		0.4859				6.7		30.0			
Methyl isobutyl ketone	+++++ 0.5652	+++++ 0.5566	0.4325 0.5520	0.5164	0.5463	Ave		0.5282				9.4		30.0			
Toluene	+++++ 0.5907	0.5673 0.5805	0.5422 0.5773	0.5701	0.5854	Ave		0.5734				2.8		30.0			
n-Octane	+++++ 0.6092	0.5584 0.5978	0.5203 0.5850	0.5782	0.5947	Ave		0.5777				5.2		30.0			
trans-1,3-Dichloropropene	+++++ 0.4143	0.3484 0.4095	0.3393 0.4104	0.3812	0.3985	Ave		0.3859				8.0		30.0			
1,1,2-Trichloroethane	+++++ 0.3109	0.3095 0.3053	0.2933 0.3053	0.3005	0.3062	Ave		0.3044				1.9		30.0			
Tetrachloroethene	0.3996 0.4474	0.4685 0.4397	0.4411 0.4394	0.4316	0.4396	Ave		0.4384				4.4		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.5576	+++++ 0.5451	0.3547 0.5520	0.4740	0.5332	Ave		0.5028				15.6		30.0			
Dibromochloromethane	+++++ 0.6143	0.5690 0.6065	0.5369 0.6091	0.5722	0.5970	Ave		0.5864				4.8		30.0			
1,2-Dibromoethane	+++++ 0.5561	0.5050 0.5462	0.4949 0.5449	0.5243	0.5423	Ave		0.5305				4.4		30.0			
Chlorobenzene	+++++ 0.7826	0.8282 0.7668	0.7679 0.7550	0.7619	0.7695	Ave		0.7760				3.2		30.0			
Ethylbenzene	+++++ 1.3193	1.2579 1.2893	1.1957 1.2536	1.2712	1.3042	Ave		1.2702				3.2		30.0			
m,p-Xylene	+++++ 0.4998	0.4454 0.4923	0.4326 0.4834	0.4787	0.4924	Ave		0.4750				5.4		30.0			
n-Nonane	+++++ 0.6585	0.5782 0.6452	0.5671 0.6319	0.6327	0.6507	Ave		0.6235				5.8		30.0			
o-Xylene	+++++ 0.4789	0.4132 0.4714	0.4026 0.4692	0.4525	0.4696	Ave		0.4511				6.8		30.0			
Styrene	+++++ 0.7960	0.5792 0.7857	0.5450 0.7840	0.7271	0.7752	Ave		0.7132				14.9		30.0			

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

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1 Analy Batch No.: 216098

SDG No.:

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

Calibration Start Date: 05/12/2025 16:47 Calibration End Date: 05/13/2025 01:19 Calibration ID: 55138

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	+++++ 0.5744	0.4837 0.5685	0.4668 0.5717	0.5181	0.5549	Ave		0.5340				8.4		30.0			
Cumene	+++++ 1.4324	1.2249 1.4048	1.1902 1.3461	1.3793	1.4199	Ave		1.3425				7.2		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.8195	0.7467 0.8050	0.7126 0.7863	0.7882	0.8082	Ave		0.7809				4.9		30.0			
1,2,3-Trichloropropane	+++++ 0.6255	+++++ 0.6134	0.5690 0.6059	0.6085	0.6216	Ave		0.6073				3.3		30.0			
n-Propylbenzene	+++++ 1.7794	1.5300 1.7358	1.5027 1.6207	1.7322	1.7667	Ave		1.6668				6.9		30.0			
2-Chlorotoluene	+++++ 1.1378	0.9928 1.1133	1.0054 1.1026	1.0985	1.1251	Ave		1.0822				5.4		30.0			
4-Ethyltoluene	+++++ 1.4254	1.1590 1.3851	1.1396 1.3216	1.3524	1.4038	Ave		1.3124				8.9		30.0			
1,3,5-Trimethylbenzene	+++++ 1.2000	0.9923 1.1804	0.9931 1.1158	1.1415	1.1832	Ave		1.1152				7.9		30.0			
n-Decane	+++++ 0.8350	+++++ 0.8163	0.6406 0.7868	0.7708	0.8078	Ave		0.7762				9.0		30.0			
Alpha Methyl Styrene	+++++ 0.6269	0.3845 0.6197	0.3832 0.6151	0.5450	0.6009	Ave		0.5394				20.3		30.0			
tert-Butylbenzene	+++++ 1.1312	0.9555 1.1029	0.9467 1.0628	1.0672	1.1094	Ave		1.0537				7.0		30.0			
1,2,4-Trimethylbenzene	+++++ 1.2125	0.9719 1.1873	0.9629 1.1277	1.1418	1.1952	Ave		1.1142				9.4		30.0			
sec-Butylbenzene	+++++ 1.7684	1.5008 1.7209	1.4590 1.5876	1.6915	1.7540	Ave		1.6403				7.6		30.0			
1,3-Dichlorobenzene	+++++ 0.7967	0.6753 0.7854	0.6334 0.7602	0.7413	0.7825	Ave		0.7393				8.4		30.0			
4-Isopropyltoluene	+++++ 1.4584	1.1412 1.4179	1.1277 1.3316	1.3498	1.4185	Ave		1.3208				10.2		30.0			
1,4-Dichlorobenzene	+++++ 0.7928	0.6518 0.7808	0.6176 0.7657	0.7392	0.7801	Ave		0.7326				9.5		30.0			
Benzyl chloride	+++++ 1.1522	0.6430 1.1426	0.6237 1.1096	0.9424	1.0928	Ave		0.9580				24.3		30.0			
n-Butylbenzene	+++++ 1.4553	1.0604 1.4179	1.0236 1.3381	1.3264	1.3983	Ave		1.2886				13.5		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.: 200-78438-1 Analy Batch No.: 216098

SDG No.:

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

Calibration Start Date: 05/12/2025 16:47 Calibration End Date: 05/13/2025 01:19 Calibration ID: 55138

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	+++++ 0.7686	0.6562 0.7552	0.6093 0.7317	0.7137	0.7469	Ave		0.7117				8.2		30.0			
n-Undecane	+++++ 0.8258	+++++ 0.8083	+++++ 0.8218	0.7342	0.7812	Ave		0.7943				4.8		30.0			
n-Dodecane	+++++ 0.7268	+++++ 0.6770	+++++ 0.7389	0.6207	0.6967	Ave		0.6920				6.8		30.0			
1,2,4-Trichlorobenzene	+++++ 0.4571	+++++ 0.4459	0.2457 0.4822	0.3760	0.4246	Ave		0.4052				21.2		30.0			
Hexachlorobutadiene	+++++ 0.4084	0.4118 0.3943	0.3764 0.4152	0.3924	0.3903	Ave		0.3984				3.5		30.0			
Naphthalene	+++++ 1.0532	0.4971 1.0266	0.4320 1.0809	0.8374	0.9866	Ave		0.8448				32.2	*	30.0			
1,2,3-Trichlorobenzene	+++++ 0.4101	+++++ 0.3935	0.2530 0.4269	0.3584	0.3891	Ave		0.3718				16.8		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-78438-1 | Analy Batch No.: 216098

SDG No.:

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

Calibration Start Date: 05/12/2025 16:47 | Calibration End Date: 05/13/2025 01:19 | Calibration ID: 55138

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-216098/4	65111_004.D
Level 2	IC 200-216098/6	65111_006.D
Level 3	IC 200-216098/7	65111_007.D
Level 4	IC 200-216098/8	65111_008.D
Level 5	ICIS 200-216098/9	65111_009.D
Level 6	IC 200-216098/10	65111_010.D
Level 7	IC 200-216098/13	65111_013.D
Level 8	IC 200-216098/14	65111_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	+++++ 302704	+++++ 378846	+++++ 827542	78423	191210	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 1308468	+++++ 1659058	33819 3519147	341026	823378	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Chlorodifluoromethane	BCM	Ave	+++++ 694631	+++++ 881749	18684 1884512	184437	445096	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1372060	15509 1749990	35317 3696499	357473	862982	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Chloromethane	BCM	Ave	+++++ 381795	+++++ 482510	10592 1019185	101686	242713	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
n-Butane	BCM	Ave	+++++ 828204	+++++ 1058806	23186 2144785	225244	536432	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Vinyl chloride	BCM	Ave	1244 613324	7218 786539	16897 1601083	165944	396007	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,3-Butadiene	BCM	Ave	1456 459585	5596 590234	12937 1202911	124117	298114	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Bromomethane	BCM	Ave	+++++ 509252	5840 654171	13271 1381718	133170	321566	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Chloroethane	BCM	Ave	+++++ 274792	+++++ 351759	7112 742127	72228	172885	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Isopentane	BCM	Ave	+++++ 516508	6027 656559	13457 1399470	134735	327274	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 516149	5542 664339	12755 1405468	131601	321708	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 1363607	15613 1755056	35978 3691919	359298	858550	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Pentane	BCM	Ave	+++++ 824168	+++++ 1050219	20607 2227955	212743	522102	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Ethanol	BCM	Ave	+++++ 307267	+++++ 588578	58759 1610387	116760	215316	+++++ 20.0	+++++ 40.0	4.26 100.0	8.49	15.0

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1 Analy Batch No.: 216098

SDG No.:

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

Calibration Start Date: 05/12/2025 16:47 Calibration End Date: 05/13/2025 01:19 Calibration ID: 55138

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	+++++ 376916	3688 487895	9162 1034387	96716	237441	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Acrolein	BCM	Ave	+++++ 228552	+++++ 292942	+++++ 643105	54527	142313	+++++ 17.6	+++++ 23.4	+++++ 46.8	4.97	11.7
1,1-Dichloroethene	BCM	Ave	1316 576963	6272 749350	14683 1581323	149369	362150	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Freon TF	BCM	Ave	+++++ 1238542	14021 1601170	32595 3357937	320678	784796	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Acetone	BCM	Ave	+++++ 781372	+++++ 993066	+++++ 2114257	206242	498214	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Isopropyl alcohol	BCM	Ave	+++++ 1047193	+++++ 1143984	+++++ 2460263	236974	584512	+++++ 17.4	+++++ 23.2	+++++ 46.4	4.92	11.6
Carbon disulfide	BCM	Ave	+++++ 1715478	+++++ 2217741	44040 4589618	447877	1086989	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Acetonitrile	BCM	Ave	+++++ 400428	+++++ 513047	+++++ 1084344	99662	253642	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
3-Chloropropene	BCM	Ave	+++++ 671157	8055 853452	17290 1801846	174607	420811	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Methylene Chloride	BCM	Ave	+++++ 653736	+++++ 844229	18125 1750532	174943	420983	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 1147590	+++++ 1455642	+++++ 3078050	290548	728682	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Acrylonitrile	BCM	Ave	+++++ 419072	+++++ 541531	9838 1150847	107880	259564	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
trans-1,2-Dichloroethene	BCM	Ave	1908 868131	9380 1128682	21763 2332698	226993	552193	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 1674378	16969 2160844	39040 4508834	429500	1052518	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Hexane	BCM	Ave	+++++ 910596	9769 1178146	22001 2449460	235108	575562	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,1-Dichloroethane	BCM	Ave	2318 1103062	12400 1427243	28216 2948806	289393	699942	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Vinyl acetate	BCM	Ave	+++++ 1411012	+++++ 1824757	+++++ 3848260	352743	881829	+++++ 17.1	+++++ 22.8	+++++ 45.6	4.83	11.4
Methyl Ethyl Ketone	BCM	Ave	+++++ 300790	+++++ 386001	6668 828787	75975	188513	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
cis-1,2-Dichloroethene	BCM	Ave	1611 660142	7490 856930	16145 1789271	170268	416263	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Ethyl acetate	BCM	Ave	+++++ 54374	+++++ 69492	+++++ 148874	13708	34388	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Tetrahydrofuran	DFBZ	Ave	+++++	+++++	+++++	162569	400744	+++++	+++++	+++++	4.24	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1 Analy Batch No.: 216098

SDG No.:

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

Calibration Start Date: 05/12/2025 16:47 Calibration End Date: 05/13/2025 01:19 Calibration ID: 55138

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
			625718	802667	1685435			15.0	20.0	40.0		
Chloroform	BCM	Ave	+++++ 1284793	14495 1667950	32552 3444148	336646	814358	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,1,1-Trichloroethane	DFBZ	Ave	+++++ 1253233	13980 1624873	31982 3393005	326630	790539	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Cyclohexane	DFBZ	Ave	+++++ 809319	8501 1048138	19431 2197048	207385	508033	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Carbon tetrachloride	DFBZ	Ave	2322 1275158	13610 1660227	31652 3461573	326999	799270	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Benzene	DFBZ	Ave	+++++ 1883555	21328 2435702	47800 5012493	493539	1195496	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,2-Dichloroethane	DFBZ	Ave	+++++ 816876	8980 1051000	20734 2173912	216601	520493	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	+++++ 2936343	30296 3791923	70542 7759723	766208	1866553	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Heptane	DFBZ	Ave	+++++ 1028350	10418 1329931	23928 2764647	266386	653512	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Butanol	DFBZ	Ave	+++++ 419345	+++++ 536880	+++++ 1184292	98962	259203	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Trichloroethene	DFBZ	Ave	1899 847409	8815 1101006	21109 2307558	217336	533073	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,2-Dichloropropane	DFBZ	Ave	+++++ 720524	7730 936199	18077 1947762	186672	455590	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Methyl methacrylate	DFBZ	Ave	+++++ 682821	+++++ 889571	13493 1884708	166419	425344	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
1,4-Dioxane	DFBZ	Ave	+++++ 359840	3815 452798	8691 952614	99807	234795	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Dibromomethane	DFBZ	Ave	+++++ 707247	7932 920640	17963 1929405	182215	441559	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Bromodichloromethane	DFBZ	Ave	+++++ 1409403	14923 1835597	33761 3823034	361209	888710	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
cis-1,3-Dichloropropene	DFBZ	Ave	+++++ 1232673	11852 1603989	27214 3372548	307294	772005	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Methyl isobutyl ketone	DFBZ	Ave	+++++ 1347805	+++++ 1750934	27285 3636007	333847	845960	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Toluene	CBNZd5	Ave	+++++ 1329555	13451 1736249	31399 3604038	342653	844731	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Octane	DFBZ	Ave	+++++ 1452645	14480 1880294	32826 3853800	373806	920900	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
trans-1,3-Dichloropropene	DFBZ	Ave	+++++	9033	21404	246410	617121	+++++	0.170	0.425	4.24	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1 Analy Batch No.: 216098

SDG No.:

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

Calibration Start Date: 05/12/2025 16:47 Calibration End Date: 05/13/2025 01:19 Calibration ID: 55138

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
			987873	1287991	2703228			15.0	20.0	40.0		
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 699805	7338 913197	16987 1905588	180636	441841	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Tetrachloroethene	CBNZd5	Ave	2015 1007167	11109 1314953	25545 2742850	259399	634413	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Methyl Butyl Ketone (2-Hexanone)	CBNZd5	Ave	+++++ 1255131	+++++ 1630263	20540 3446223	284924	769480	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Dibromochloromethane	CBNZd5	Ave	+++++ 1382757	13491 1813869	31090 3802120	343912	861580	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,2-Dibromoethane	CBNZd5	Ave	+++++ 1251844	11974 1633390	28661 3401771	315147	782567	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Chlorobenzene	CBNZd5	Ave	+++++ 1761551	19636 2293290	44467 4713296	457966	1110421	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Ethylbenzene	CBNZd5	Ave	+++++ 2969574	29824 3855953	69241 7825804	764057	1882148	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
m,p-Xylene	CBNZd5	Ave	+++++ 2250201	21123 2944888	50103 6035272	575511	1421075	+++++ 30.0	0.341 40.0	0.851 80.0	8.49	20.0
n-Nonane	CBNZd5	Ave	+++++ 1482332	13710 1929568	32838 3944581	380291	939061	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
o-Xylene	CBNZd5	Ave	+++++ 1078039	9796 1409838	23316 2928756	271987	677732	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Styrene	CBNZd5	Ave	+++++ 1791704	13733 2349665	31561 4894188	437055	1118663	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Bromoform	CBNZd5	Ave	+++++ 1292873	11468 1700093	27032 3568762	311402	800808	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Cumene	CBNZd5	Ave	+++++ 3224347	29043 4201466	68921 8403327	829039	2049020	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,1,2,2-Tetrachloroethane	CBNZd5	Ave	+++++ 1844559	17705 2407660	41263 4908532	473754	1166288	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1 Analy Batch No.: 216098

SDG No.:

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

Calibration Start Date: 05/12/2025 16:47 Calibration End Date: 05/13/2025 01:19 Calibration ID: 55138

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	+++++	+++++	32950	365771	897020	+++++	+++++	0.425	4.24	10.00
			1407994	1834537	3782250			15.0	20.0	40.0		
n-Propylbenzene	CBNZd 5	Ave	+++++	36276	87021	1041182	2549502	+++++	0.170	0.425	4.24	10.00
			4005358	5191162	10117554			15.0	20.0	40.0		
2-Chlorotoluene	CBNZd 5	Ave	+++++	23540	58221	660270	1623614	+++++	0.170	0.425	4.24	10.00
			2561182	3329672	6883266			15.0	20.0	40.0		
4-Ethyltoluene	CBNZd 5	Ave	+++++	27481	65989	812908	2025780	+++++	0.170	0.425	4.24	10.00
			3208468	4142346	8250333			15.0	20.0	40.0		
1,3,5-Trimethylbenzene	CBNZd 5	Ave	+++++	23528	57510	686115	1707485	+++++	0.170	0.425	4.24	10.00
			2701039	3530323	6965670			15.0	20.0	40.0		
n-Decane	CBNZd 5	Ave	+++++	+++++	37093	463274	1165771	+++++	+++++	0.425	4.24	10.00
			1879599	2441324	4911595			15.0	20.0	40.0		
Alpha Methyl Styrene	CBNZd 5	Ave	+++++	9117	22191	327604	867212	+++++	0.170	0.425	4.24	10.00
			1411180	1853457	3839900			15.0	20.0	40.0		
tert-Butylbenzene	CBNZd 5	Ave	+++++	22654	54822	641486	1601055	+++++	0.170	0.425	4.24	10.00
			2546331	3298443	6634426			15.0	20.0	40.0		
1,2,4-Trimethylbenzene	CBNZd 5	Ave	+++++	23044	55757	686269	1724840	+++++	0.170	0.425	4.24	10.00
			2729217	3551016	7039890			15.0	20.0	40.0		
sec-Butylbenzene	CBNZd 5	Ave	+++++	35583	84485	1016725	2531212	+++++	0.170	0.425	4.24	10.00
			3980508	5146862	9910970			15.0	20.0	40.0		
1,3-Dichlorobenzene	CBNZd 5	Ave	+++++	16012	36676	445553	1129177	+++++	0.170	0.425	4.24	10.00
			1793372	2349040	4745838			15.0	20.0	40.0		
4-Isopropyltoluene	CBNZd 5	Ave	+++++	27059	65303	811326	2047111	+++++	0.170	0.425	4.24	10.00
			3282786	4240583	8312920			15.0	20.0	40.0		
1,4-Dichlorobenzene	CBNZd 5	Ave	+++++	15454	35764	444297	1125828	+++++	0.170	0.425	4.24	10.00
			1784586	2335071	4779981			15.0	20.0	40.0		
Benzyl chloride	CBNZd 5	Ave	+++++	15245	36120	566437	1577003	+++++	0.170	0.425	4.24	10.00
			2593436	3417158	6926778			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.: 200-78438-1 Analy Batch No.: 216098

SDG No.:

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

Calibration Start Date: 05/12/2025 16:47 Calibration End Date: 05/13/2025 01:19 Calibration ID: 55138

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	CBNZd5	Ave	+++++ 3275899	25143 4240623	59272 8353404	797284	2017871	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,2-Dichlorobenzene	CBNZd5	Ave	+++++ 1730174	15558 2258624	35281 4567850	428989	1077822	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Undecane	CBNZd5	Ave	+++++ 1858910	+++++ 2417488	+++++ 5129969	441327	1127413	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
n-Dodecane	CBNZd5	Ave	+++++ 1636077	+++++ 2024835	+++++ 4612452	373098	1005446	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
1,2,4-Trichlorobenzene	CBNZd5	Ave	+++++ 1206877	+++++ 1564219	16688 3530873	265111	718717	+++++ 17.6	+++++ 23.5	0.499 46.9	4.98	11.7
Hexachlorobutadiene	CBNZd5	Ave	+++++ 1033395	10974 1325521	24499 2913436	265106	633167	+++++ 16.9	0.192 22.5	0.478 45.0	4.77	11.2
Naphthalene	CBNZd5	Ave	+++++ 2818675	14015 3650559	29741 8023329	598479	1692807	+++++ 17.8	0.203 23.8	0.506 47.6	5.05	11.9
1,2,3-Trichlorobenzene	CBNZd5	Ave	+++++ 1075464	+++++ 1371088	17069 3104993	250950	654111	+++++ 17.5	+++++ 23.3	0.496 46.6	4.94	11.6

Curve Type Legend:
Ave = Average ISTD

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

Lab Name: Eurofins Burlington | Job No.: 200-78438-1 | Analy Batch No.: 216098

SDG No.:

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

Calibration Start Date: 05/12/2025 16:47 | Calibration End Date: 05/13/2025 01:19 | Calibration ID: 55138

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-216098/4	65111_004.D
Level 2	IC 200-216098/6	65111_006.D
Level 3	IC 200-216098/7	65111_007.D
Level 4	IC 200-216098/8	65111_008.D
Level 5	ICIS 200-216098/9	65111_009.D
Level 6	IC 200-216098/10	65111_010.D
Level 7	IC 200-216098/13	65111_013.D
Level 8	IC 200-216098/14	65111_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	+++++ -2.1	+++++ 0.5	+++++	-1.7	0.8	2.5	30	30		50	30	30
Dichlorodifluoromethane	+++++ -0.9	+++++ -1.2	0.5	-1.1	0.4	2.4	30	30	50	30	30	30
Chlorodifluoromethane	+++++ -2.3	+++++ -1.7	3.1	-0.7	0.7	0.9	30	30	50	30	30	30
1,2-Dichlorotetrafluoroethane	+++++ -1.4	6.2 -2.1	-1.0	-2.2	-0.8	1.3	30	50 30	30	30	30	30
Chloromethane	+++++ -2.8	+++++ -3.4	6.2	-0.5	-0.2	0.8	30	30	50	30	30	30
n-Butane	+++++ -2.2	+++++ -6.8	6.6	1.0	1.2	0.2	30	30	50	30	30	30
Vinyl chloride	-12.9 -1.2	10.2 -5.4	5.6	1.2	1.5	0.9	50 30	30 30	30	30	30	30
1,3-Butadiene	27.2 -7.5	6.6 -11.4	0.9	-5.6	-4.6	-5.6	50 30	30 30	30	30	30	30
Bromomethane	+++++ -1.4	7.0 -2.1	-0.5	-2.6	-1.1	0.6	30	50 30	30	30	30	30
Chloroethane	+++++ -0.4	+++++ -1.1	0.3	-0.7	0.0	2.0	30	30	50	30	30	30
Isopentane	+++++ -2.6	8.8 -2.3	-0.6	-2.9	-0.8	0.4	30	50 30	30	30	30	30
Bromoethene(Vinyl Bromide)	+++++ 1.0	2.4 0.4	-3.5	-2.9	-0.2	2.8	30	50 30	30	30	30	30
Trichlorofluoromethane	+++++ -1.4	6.6 -2.5	0.6	-2.0	-1.6	0.3	30	50 30	30	30	30	30
n-Pentane	+++++ 0.0	+++++ -0.2	-2.3	-1.7	1.5	2.8	30	30	50	30	30	30
Ethanol	+++++ -0.1	+++++ 2.9	-0.8	-3.8	-0.5	2.3	30	30	50	30	30	30

FORM VI
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READBACK PERCENT ERROR

Lab Name: Eurofins Burlington | Job No.: 200-78438-1 | Analy Batch No.: 216098

SDG No.:

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

Calibration Start Date: 05/12/2025 16:47 | Calibration End Date: 05/13/2025 01:19 | Calibration ID: 55138

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	+++++	-5.6	-4.1	-1.2	2.0	3.9		50	30	30	30	30
	2.7	2.3					30	30				
Acrolein	+++++	+++++	+++++	-8.7	0.2	3.3				50	30	30
	1.0	4.3					30	30				
1,1-Dichloroethene	-1.2	2.7	-1.6	-2.3	-0.5	1.8	50	30	30	30	30	30
	0.9	0.1					30	30				
Freon TF	+++++	5.7	0.6	-3.5	-0.7	0.6		50	30	30	30	30
	-0.7	-2.1					30	30				
Acetone	+++++	+++++	+++++	-0.5	1.1	1.8				50	30	30
	-1.3	-1.2					30	30				
Isopropyl alcohol	+++++	+++++	+++++	-4.4	-0.8	14.0				50	30	30
	-4.9	-3.9					30	30				
Carbon disulfide	+++++	+++++	-0.4	-1.2	0.8	2.1			50	30	30	30
	0.7	-2.0					30	30				
Acetonitrile	+++++	+++++	+++++	-5.1	1.6	2.9				50	30	30
	0.6	0.0					30	30				
3-Chloropropene	+++++	11.9	-1.7	-3.2	-1.9	0.5		50	30	30	30	30
	-2.5	-3.2					30	30				
Methylene Chloride	+++++	+++++	5.4	-0.8	0.4	0.1			50	30	30	30
	-1.4	-3.8					30	30				
tert-Butyl alcohol	+++++	+++++	+++++	-3.4	1.8	2.9				50	30	30
	-0.4	-0.9					30	30				
Acrylonitrile	+++++	+++++	-7.5	-1.0	0.1	3.8			50	30	30	30
	2.3	2.3					30	30				
trans-1,2-Dichloroethene	-4.1	2.8	-2.4	-0.7	1.5	2.5	50	30	30	30	30	30
	1.7	-1.2					30	30				
Methyl tert-butyl ether	+++++	-1.8	-7.6	-0.8	2.2	4.4		50	30	30	30	30
	2.8	0.9					30	30				
n-Hexane	+++++	2.4	-5.6	-1.6	1.3	2.8		50	30	30	30	30
	1.5	-0.7					30	30				
1,1-Dichloroethane	-8.5	6.8	-0.6	-0.5	1.2	2.3	50	30	30	30	30	30
	1.1	-1.8					30	30				
Vinyl acetate	+++++	+++++	+++++	-4.8	0.1	2.8				50	30	30
	1.4	0.6					30	30				
Methyl Ethyl Ketone	+++++	+++++	-11.7	-1.9	2.4	4.8			50	30	30	30
	2.7	3.7					30	30				
cis-1,2-Dichloroethene	4.9	6.3	-6.2	-3.5	-0.8	1.0	50	30	30	30	30	30
	0.0	-1.8					30	30				
Ethyl acetate	+++++	+++++	+++++	-4.2	1.0	2.5				50	30	30
	0.0	0.7					30	30				
Tetrahydrofuran	+++++	+++++	+++++	-2.0	0.8	2.2				50	30	30
	-0.6	-0.3					30	30				

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

Lab Name: Eurofins Burlington | Job No.: 200-78438-1 | Analy Batch No.: 216098

SDG No.:

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

Calibration Start Date: 05/12/2025 16:47 | Calibration End Date: 05/13/2025 01:19 | Calibration ID: 55138

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	+++++ 0.2	5.9 -2.7	-2.7	-1.8	-0.1	1.1	30	50 30	30	30	30	30
1,1,1-Trichloroethane	+++++ -0.1	4.3 -0.4	-1.9	-2.3	-1.3	1.7	30	50 30	30	30	30	30
Cyclohexane	+++++ 1.8	0.2 1.9	-5.9	-2.0	0.2	3.7	30	50 30	30	30	30	30
Carbon tetrachloride	-18.3 4.3	3.7 3.8	-0.9	-0.1	2.0	5.6	50 30	30 30	30	30	30	30
Benzene	+++++ -0.4	5.8 -2.1	-2.5	-1.8	-0.7	1.6	30	50 30	30	30	30	30
1,2-Dichloroethane	+++++ -0.6	3.0 -1.8	-2.2	-0.3	0.0	1.9	30	50 30	30	30	30	30
2,2,4-Trimethylpentane	+++++ 1.8	-1.4 -0.6	-5.6	0.1	1.8	3.9	30	50 30	30	30	30	30
n-Heptane	+++++ 2.4	-2.6 1.7	-8.1	-0.2	2.3	4.5	30	50 30	30	30	30	30
n-Butanol	+++++ 0.8	+++++ 6.2	+++++	-9.6	-1.2	3.8	30	30		50	30	30
Trichloroethene	-1.6 1.9	-1.1 1.9	-2.6	-2.2	0.2	3.4	50 30	30 30	30	30	30	30
1,2-Dichloropropane	+++++ 1.0	1.1 0.3	-2.8	-2.0	-0.2	2.5	30	50 30	30	30	30	30
Methyl methacrylate	+++++ 6.0	+++++ 7.2	-19.9	-3.5	2.9	7.3	30	30	50	30	30	30
1,4-Dioxane	+++++ -2.2	0.0 -1.8	-6.4	4.9	3.0	2.5	30	50 30	30	30	30	30
Dibromomethane	+++++ 0.4	5.0 0.5	-2.3	-3.3	-2.1	1.8	30	50 30	30	30	30	30
Bromodichloromethane	+++++ 2.2	0.8 1.6	-6.3	-2.2	0.5	3.5	30	50 30	30	30	30	30
cis-1,3-Dichloropropene	+++++ 4.9	-5.9 5.4	-11.2	-2.2	2.6	6.4	30	50 30	30	30	30	30
Methyl isobutyl ketone	+++++ 5.4	+++++ 4.5	-18.1	-2.2	3.4	7.0	30	30	50	30	30	30
Toluene	+++++ 1.3	-1.1 0.7	-5.4	-0.6	2.1	3.0	30	50 30	30	30	30	30
n-Octane	+++++ 3.5	-3.3 1.3	-9.9	0.1	2.9	5.5	30	50 30	30	30	30	30
trans-1,3-Dichloropropene	+++++ 6.1	-9.7 6.3	-12.1	-1.2	3.3	7.3	30	50 30	30	30	30	30
1,1,2-Trichloroethane	+++++ 0.3	1.7 0.3	-3.6	-1.3	0.6	2.1	30	50 30	30	30	30	30

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1 Analy Batch No.: 216098

SDG No.:

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

Calibration Start Date: 05/12/2025 16:47 Calibration End Date: 05/13/2025 01:19 Calibration ID: 55138

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	-8.8 0.3	6.9 0.2	0.6	-1.6	0.3	2.1	50 30	30 30	30	30	30	30
Methyl Butyl Ketone (2-Hexanone)	+++++ 8.4	+++++ 9.8	-29.5	-5.7	6.1	10.9	 30	 30	50	30	30	30
Dibromochloromethane	+++++ 3.4	-3.0 3.9	-8.4	-2.4	1.8	4.8	 30	50 30	30	30	30	30
1,2-Dibromoethane	+++++ 2.9	-4.8 2.7	-6.7	-1.2	2.2	4.8	 30	50 30	30	30	30	30
Chlorobenzene	+++++ -1.2	6.7 -2.7	-1.0	-1.8	-0.8	0.9	 30	50 30	30	30	30	30
Ethylbenzene	+++++ 1.5	-1.0 -1.3	-5.9	0.1	2.7	3.9	 30	50 30	30	30	30	30
m,p-Xylene	+++++ 3.7	-6.2 1.8	-8.9	0.8	3.7	5.2	 30	50 30	30	30	30	30
n-Nonane	+++++ 3.5	-7.3 1.3	-9.0	1.5	4.4	5.6	 30	50 30	30	30	30	30
o-Xylene	+++++ 4.5	-8.4 4.0	-10.7	0.3	4.1	6.2	 30	50 30	30	30	30	30
Styrene	+++++ 10.2	-18.8 9.9	-23.6	2.0	8.7	11.6	 30	50 30	30	30	30	30
Bromoform	+++++ 6.5	-9.4 7.1	-12.6	-3.0	3.9	7.6	 30	50 30	30	30	30	30
Cumene	+++++ 4.6	-8.8 0.3	-11.3	2.7	5.8	6.7	 30	50 30	30	30	30	30
1,1,2,2-Tetrachloroethane	+++++ 3.1	-4.4 0.7	-8.8	0.9	3.5	4.9	 30	50 30	30	30	30	30
1,2,3-Trichloropropane	+++++ 1.0	+++++ -0.2	-6.3	0.2	2.3	3.0	 30	 30	50	30	30	30
n-Propylbenzene	+++++ 4.1	-8.2 -2.8	-9.8	3.9	6.0	6.8	 30	50 30	30	30	30	30
2-Chlorotoluene	+++++ 2.9	-8.3 1.9	-7.1	1.5	4.0	5.1	 30	50 30	30	30	30	30
4-Ethyltoluene	+++++ 5.5	-11.7 0.7	-13.2	3.1	7.0	8.6	 30	50 30	30	30	30	30
1,3,5-Trimethylbenzene	+++++ 5.8	-11.0 0.1	-10.9	2.4	6.1	7.6	 30	50 30	30	30	30	30
n-Decane	+++++ 5.2	+++++ 1.4	-17.5	-0.7	4.1	7.6	 30	 30	50	30	30	30
Alpha Methyl Styrene	+++++ 14.9	-28.7 14.0	-28.9	1.1	11.4	16.2	 30	50 30	30	30	30	30
tert-Butylbenzene	+++++ 4.7	-9.3 0.9	-10.2	1.3	5.3	7.4	 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.: 200-78438-1 Analy Batch No.: 216098

SDG No.:

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

Calibration Start Date: 05/12/2025 16:47 Calibration End Date: 05/13/2025 01:19 Calibration ID: 55138

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	+++++ 6.6	-12.8 1.2	-13.6	2.5	7.3	8.8	30	50 30	30	30	30	30
sec-Butylbenzene	+++++ 4.9	-8.5 -3.2	-11.1	3.1	6.9	7.8	30	50 30	30	30	30	30
1,3-Dichlorobenzene	+++++ 6.2	-8.6 2.8	-14.3	0.3	5.8	7.8	30	50 30	30	30	30	30
4-Isopropyltoluene	+++++ 7.4	-13.6 0.8	-14.6	2.2	7.4	10.4	30	50 30	30	30	30	30
1,4-Dichlorobenzene	+++++ 6.6	-11.0 4.5	-15.7	0.9	6.5	8.2	30	50 30	30	30	30	30
Benzyl chloride	+++++ 19.3	-32.9 15.8	-34.9 *	-1.6	14.1	20.3	30	50 30	30	30	30	30
n-Butylbenzene	+++++ 10.0	-17.7 3.8	-20.6	2.9	8.5	12.9	30	50 30	30	30	30	30
1,2-Dichlorobenzene	+++++ 6.1	-7.8 2.8	-14.4	0.3	4.9	8.0	30	50 30	30	30	30	30
n-Undecane	+++++ 1.8	+++++ 3.5	+++++	-7.6	-1.6	4.0	30	30		50	30	30
n-Dodecane	+++++ -2.2	+++++ 6.8	+++++	-10.3	0.7	5.0	30	30		50	30	30
1,2,4-Trichlorobenzene	+++++ 10.0	+++++ 19.0	-39.4	-7.2	4.8	12.8	30	30	50	30	30	30
Hexachlorobutadiene	+++++ -1.0	3.4 4.2	-5.5	-1.5	-2.0	2.5	30	50 30	30	30	30	30
Naphthalene	+++++ 21.5	-41.2 27.9	-48.9 *	-0.9	16.8	24.7	30	50 30	30	30	30	30
1,2,3-Trichlorobenzene	+++++ 5.8	+++++ 14.8	-32.0	-3.6	4.6	10.3	30	30	50	30	30	30

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_004.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 12-May-2025 16:47:27 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065121-004
Operator ID: vtp Instrument ID: CHAM.i
Sublist: chrom-TO15_TO3_Master_Method_AM1*sub1

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 13-May-2025 06:43:26 Calib Date: 13-May-2025 01:19:20
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_014.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1714

First Level Reviewer: F7XK Date: 13-May-2025 09:39:47

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	4.278	4.267	0.011	83	1624	0.0351	0.0821	
2 Dichlorodifluoromethane	85	4.374	4.369	0.005	95	2877	0.0351	0.0336	
3 Chlorodifluoromethane	51	4.428	4.417	0.011	96	1672	0.0351	0.0363	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.738	4.743	-0.005	92	2717	0.0351	0.0299	
5 Chloromethane	50	4.872	4.867	0.006	86	1132	0.0351	0.0446	
7 Butane	43	5.171	5.171	0.000	93	4031	0.0351	0.0728	
6 Vinyl chloride	62	5.182	5.177	0.005	89	1244	0.0351	0.0306	
8 Butadiene	54	5.289	5.289	0.000	85	1456	0.0351	0.0446	
9 Bromomethane	94	6.038	6.038	0.000	92	1065	0.0351	0.0314	
10 Chloroethane	64	6.322	6.322	0.000	82	544	0.0351	0.0301	
12 2-Methylbutane	43	6.530	6.530	0.000	87	1122	0.0351	0.0326	
13 Vinyl bromide	106	6.750	6.750	0.000	59	1053	0.0351	0.0313	
14 Trichlorofluoromethane	101	6.915	6.915	0.000	93	2876	0.0351	0.0316	
15 Pentane	43	7.113	7.119	-0.006	94	1844	0.0351	0.0343	
16 Ethanol	45	7.365	7.311	0.054	1	757	0.0702	0.0503	
18 Ethyl ether	59	7.557	7.541	0.016	49	475	0.0351	0.0196	
19 Acrolein	56		7.804				ND	ND	
20 1,1-Dichloroethene	96	7.991	8.001	-0.010	86	1316	0.0351	0.0347	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.044	8.039	0.005	93	2682	0.0351	0.0325	
22 Acetone	43	8.125	8.087	0.038	98	7127	0.0351	0.1386	
23 Isopropyl alcohol	45	8.424	8.387	0.037	97	2778	0.0407	0.0523	
24 Carbon disulfide	76	8.408	8.408	0.000	98	3616	0.0351	0.0321	
25 Acetonitrile	41		8.617				ND	ND	
26 3-Chloro-1-propene	41	8.713	8.713	0.000	92	1380	0.0351	0.0308	
27 Methylene Chloride	49	8.959	8.954	0.005	90	2061	0.0351	0.0471	
28 2-Methyl-2-propanol	59	9.189	9.162	0.027	96	2234	0.0351	0.0299	
29 Acrylonitrile	53	9.408	9.371	0.037	1	435	0.0351	0.0161	
31 Methyl tert-butyl ether	73	9.473	9.446	0.027	95	3300	0.0351	0.0307	
30 trans-1,2-Dichloroethene	61	9.451	9.451	0.000	83	1908	0.0351	0.0336	
32 Hexane	57	9.954	9.965	-0.011	90	1915	0.0351	0.0323	
S 35 1,2-Dichloroethene, Total	61				0		0.0702	0.0704	

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	10.243	10.238	0.005	93	2318	0.0351	0.0321	
34 Vinyl acetate	43	10.259	10.243	0.016	98	1998	0.0400	0.0247	
36 2-Butanone (MEK)	72	11.260	11.222	0.038	94	627	0.0351	0.0326	
37 cis-1,2-Dichloroethene	96	11.243	11.254	-0.011	86	1611	0.0351	0.0368	
38 Ethyl acetate	88		11.302				ND	ND	
* 39 Chlorobromomethane	128	11.666	11.671	-0.005	90	330864	10.0	10.0	
40 Tetrahydrofuran	42	11.736	11.698	0.038	85	1562	0.0351	0.0380	
41 Chloroform	83	11.848	11.848	0.000	91	2872	0.0351	0.0338	
42 1,1,1-Trichloroethane	97	12.148	12.148	0.000	92	2560	0.0351	0.0309	
43 Cyclohexane	84	12.281	12.281	0.000	93	816	0.0351	0.0156	
44 Carbon tetrachloride	117	12.415	12.426	-0.011	97	2322	0.0351	0.0286	
45 Benzene	78	12.784	12.779	0.005	95	4724	0.0351	0.0380	
46 1,2-Dichloroethane	62		12.864				ND	ND	
47 Isooctane	57		12.987				ND	ND	
48 n-Heptane	43	13.303	13.298	0.005	88	1527	0.0351	0.0231	
* 49 1,4-Difluorobenzene	114	13.522	13.522	0.000	95	1600939	10.0	10.0	
50 n-Butanol	56	13.801	13.763	0.038	1	857	0.0351	0.0316	
51 Trichloroethene	95	13.956	13.956	0.000	93	1899	0.0351	0.0345	
53 1,2-Dichloropropane	63		14.421				ND	ND	
54 Methyl methacrylate	69		14.501				ND	ND	
55 1,4-Dioxane	88	14.587	14.550	0.037	69	1518	0.0351	0.0644	
57 Dibromomethane	174	14.587	14.582	0.005	92	1897	0.0351	0.0407	
58 Dichlorobromomethane	83	14.892	14.897	-0.005	90	2700	0.0351	0.0295	
59 cis-1,3-Dichloropropene	75	15.705	15.700	0.005	88	2194	0.0351	0.0282	
61 4-Methyl-2-pentanone (MIBK)	43	15.978	15.962	0.016	95	3001	0.0351	0.0355	
62 Toluene	92	16.336	16.336	0.000	91	2741	0.0351	0.0333	
A 63 Toluene Range	1	16.347	(16.267-16.422)		0	10434	NC	NC	
64 n-Octane	43	16.572	16.572	0.000	84	3406	0.0351	0.0368	
A 65 C8 Range	1	16.572	(16.492-16.663)		0	13113	NC	NC	
66 trans-1,3-Dichloropropene	75	16.764	16.764	0.000	86	1565	0.0351	0.0253	
67 1,1,2-Trichloroethane	83		17.139				ND	ND	
68 Tetrachloroethene	166	17.321	17.326	-0.005	88	2015	0.0351	0.0320	
69 2-Hexanone	43	17.556	17.545	0.011	92	2473	0.0351	0.0342	
70 Chlorodibromomethane	129	17.883	17.883	0.001	88	2435	0.0351	0.0289	
71 Ethylene Dibromide	107	18.118	18.118	0.000	96	2365	0.0351	0.0310	
* 73 Chlorobenzene-d5	117	19.027	19.027	0.000	88	1437411	10.0	10.0	
74 Chlorobenzene	112	19.081	19.086	-0.005	91	3889	0.0351	0.0349	
75 Ethylbenzene	91	19.273	19.273	0.000	96	6092	0.0351	0.0334	
76 m-Xylene & p-Xylene	106	19.530	19.536	-0.006	0	4184	0.0702	0.0613	
77 n-Nonane	57	19.578	19.584	-0.006	85	3040	0.0351	0.0339	
S 80 Xylenes, Total	106				0		0.1052	0.0913	
78 o-Xylene	106	20.301	20.306	-0.005	94	1949	0.0351	0.0301	
79 Styrene	104	20.338	20.338	0.000	90	2733	0.0351	0.0267	
81 Bromoform	173	20.686	20.680	0.006	89	2008	0.0351	0.0262	
82 Isopropylbenzene	105	20.975	20.975	0.000	97	5861	0.0351	0.0304	
83 1,1,2,2-Tetrachloroethane	83	21.499	21.494	0.005	95	3464	0.0351	0.0309	
84 1,2,3-Trichloropropane	75	21.590	21.590	0.000	95	3393	0.0351	0.0389	
85 N-Propylbenzene	91	21.676	21.676	0.000	98	7436	0.0351	0.0310	
86 2-Chlorotoluene	91	21.820	21.825	-0.005	95	5055	0.0351	0.0325	
87 4-Ethyltoluene	105	21.868	21.868	0.000	97	5593	0.0351	0.0296	
88 1,3,5-Trimethylbenzene	105	21.959	21.959	0.000	91	4789	0.0351	0.0299	
89 n-Decane	57	21.980	21.980	0.000	92	2851	0.0351	0.0256	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.280	22.285	-0.005	88	1868	0.0351	0.0241	
91 tert-Butylbenzene	119	22.435	22.435	0.000	91	4978	0.0351	0.0329	
92 1,2,4-Trimethylbenzene	105	22.521	22.521	0.000	96	4776	0.0351	0.0298	
93 sec-Butylbenzene	105	22.756	22.756	0.000	98	7428	0.0351	0.0315	
94 1,3-Dichlorobenzene	146	22.933	22.933	0.000	96	3702	0.0351	0.0348	
95 4-Isopropyltoluene	119	22.965	22.965	0.000	97	6253	0.0351	0.0329	
96 1,4-Dichlorobenzene	146	23.077	23.072	0.005	93	3730	0.0351	0.0354	
97 Benzyl chloride	91	23.222	23.222	0.000	97	3086	0.0351	0.0224	
98 n-Butylbenzene	91	23.532	23.527	0.005	98	5560	0.0351	0.0300	
99 1,2-Dichlorobenzene	146	23.575	23.575	0.000	95	4386	0.0351	0.0429	
100 Undecane	57	23.671	23.666	0.005	91	2848	0.0351	0.0249	
101 Dodecane	57	25.292	25.287	0.005	92	1579	0.0351	0.0159	
102 1,2,4-Trichlorobenzene	180	26.068	26.068	0.000	90	2741	0.0411	0.0471	
103 Hexachlorobutadiene	225	26.314	26.314	0.000	94	2816	0.0394	0.0492	
104 Naphthalene	128	26.571	26.565	0.006	98	7421	0.0417	0.0611	
105 1,2,3-Trichlorobenzene	180	26.993	26.993	0.000	91	3292	0.0409	0.0616	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL1w_00276	Amount Added: 35.00	Units: mL	
ATTO15AMISs_00004	Amount Added: 20.00	Units: mL	Run Reagent

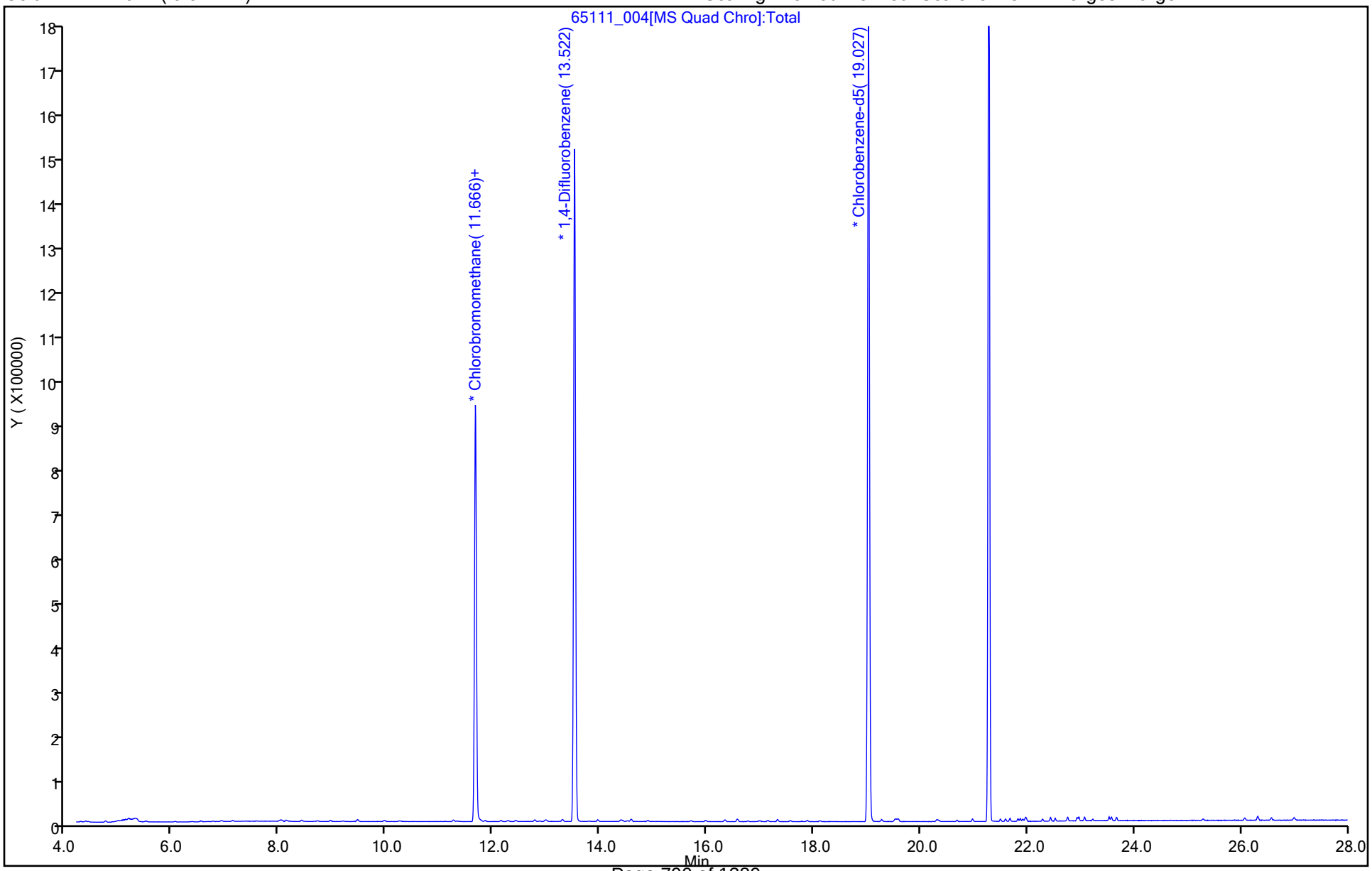
Report Date: 13-May-2025 06:43:26 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_004.D

Injection Date:	12-May-2025 16:47:27	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	4
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_TO3_Master_Method_AM1	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\CHAM.i\20250512-65121.b\65111_006.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 12-May-2025 18:29:54 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065121-006
Operator ID: vtp Instrument ID: CHAM.i
Sublist: chrom-TO15_TO3_Master_Method_AM1*sub1

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 13-May-2025 06:43:22 Calib Date: 13-May-2025 01:19:20
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_014.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1714

First Level Reviewer: BKZ7 Date: 13-May-2025 06:43:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.272	4.267	0.005	94	4591	0.1704	0.2457	M
2 Dichlorodifluoromethane	85	4.369	4.369	0.000	99	15320	0.1704	0.1895	
3 Chlorodifluoromethane	51	4.422	4.417	0.005	96	8072	0.1704	0.1854	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.738	4.743	-0.005	93	15509	0.1704	0.1810	
5 Chloromethane	50	4.866	4.867	0.000	96	4986	0.1704	0.2081	
7 Butane	43	5.176	5.171	0.005	97	10272	0.1704	0.1966	
6 Vinyl chloride	62	5.176	5.177	-0.001	82	7218	0.1704	0.1878	
8 Butadiene	54	5.289	5.289	0.000	93	5596	0.1704	0.1817	M
9 Bromomethane	94	6.038	6.038	0.000	98	5840	0.1704	0.1823	
10 Chloroethane	64	6.321	6.322	-0.001	97	3026	0.1704	0.1776	
12 2-Methylbutane	43	6.525	6.530	-0.005	90	6027	0.1704	0.1853	
13 Vinyl bromide	106	6.749	6.750	-0.001	95	5542	0.1704	0.1745	
14 Trichlorofluoromethane	101	6.915	6.915	0.000	98	15613	0.1704	0.1817	
15 Pentane	43	7.118	7.119	-0.001	96	9312	0.1704	0.1837	
16 Ethanol	45	7.349	7.311	0.037	97	4445	0.3408	0.3128	
18 Ethyl ether	59	7.568	7.541	0.027	88	3688	0.1704	0.1608	
19 Acrolein	56	7.830	7.804	0.026	89	1766	0.1995	0.1477	M
20 1,1-Dichloroethene	96	8.001	8.001	0.000	96	6272	0.1704	0.1750	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.033	8.039	-0.006	92	14021	0.1704	0.1801	
22 Acetone	43	8.119	8.087	0.032	97	13088	0.1704	0.2696	M
23 Isopropyl alcohol	45	8.418	8.387	0.031	51	8826	0.1975	0.1761	M
24 Carbon disulfide	76	8.408	8.408	0.000	99	19048	0.1704	0.1793	
25 Acetonitrile	41	8.648	8.617	0.031	98	4060	0.1704	0.1650	M
26 3-Chloro-1-propene	41	8.707	8.713	-0.006	96	8055	0.1704	0.1907	
27 Methylene Chloride	49	8.953	8.954	-0.001	90	8152	0.1704	0.1974	
28 2-Methyl-2-propanol	59	9.178	9.162	0.016	97	10849	0.1704	0.1539	
29 Acrylonitrile	53	9.397	9.371	0.026	87	3008	0.1704	0.1178	
31 Methyl tert-butyl ether	73	9.467	9.446	0.021	97	16969	0.1704	0.1672	
30 trans-1,2-Dichloroethene	61	9.451	9.451	0.000	98	9380	0.1704	0.1751	
32 Hexane	57	9.965	9.965	0.000	92	9769	0.1704	0.1744	
S 35 1,2-Dichloroethene, Total	61				0		0.3407	0.3562	

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	10.237	10.238	-0.001	99	12400	0.1704	0.1819	
34 Vinyl acetate	43	10.253	10.243	0.010	99	11665	0.1941	0.1530	M
36 2-Butanone (MEK)	72	11.254	11.222	0.032	97	2742	0.1704	0.1511	
37 cis-1,2-Dichloroethene	96	11.248	11.254	-0.006	91	7490	0.1704	0.1812	
38 Ethyl acetate	88	11.313	11.302	0.011	98	230	0.1704	0.0686	
* 39 Chlorobromomethane	128	11.666	11.671	-0.005	91	312381	10.0	10.0	
40 Tetrahydrofuran	42	11.719	11.698	0.021	86	6497	0.1704	0.1663	
41 Chloroform	83	11.848	11.848	0.000	97	14495	0.1704	0.1804	
42 1,1,1-Trichloroethane	97	12.147	12.148	-0.001	98	13980	0.1704	0.1777	
43 Cyclohexane	84	12.281	12.281	0.000	95	8501	0.1704	0.1707	
44 Carbon tetrachloride	117	12.425	12.426	-0.001	95	13610	0.1704	0.1766	
45 Benzene	78	12.784	12.779	0.005	96	21328	0.1704	0.1803	
46 1,2-Dichloroethane	62	12.864	12.864	0.000	92	8980	0.1704	0.1755	
47 Isooctane	57	12.982	12.987	-0.005	98	30296	0.1704	0.1680	
48 n-Heptane	43	13.297	13.298	-0.001	89	10418	0.1704	0.1659	
* 49 1,4-Difluorobenzene	114	13.522	13.522	0.000	95	1521967	10.0	10.0	
50 n-Butanol	56	13.784	13.763	0.021	93	3120	0.1704	0.1210	
51 Trichloroethene	95	13.955	13.956	-0.001	97	8815	0.1704	0.1686	
53 1,2-Dichloropropane	63	14.421	14.421	0.000	91	7730	0.1704	0.1723	
54 Methyl methacrylate	69	14.517	14.501	0.016	97	5578	0.1704	0.1373	
55 1,4-Dioxane	88	14.571	14.550	0.021	49	3815	0.1704	0.1703	
57 Dibromomethane	174	14.581	14.582	-0.001	95	7932	0.1704	0.1788	
58 Dichlorobromomethane	83	14.902	14.897	0.005	98	14923	0.1704	0.1717	
59 cis-1,3-Dichloropropene	75	15.700	15.700	0.000	93	11852	0.1704	0.1603	
61 4-Methyl-2-pentanone (MIBK)	43	15.978	15.962	0.016	96	12860	0.1704	0.1600	
62 Toluene	92	16.341	16.336	0.005	93	13451	0.1704	0.1686	
A 63 Toluene Range	1	16.344	(16.267-16.422)		0	52444	NC	NC	
64 n-Octane	43	16.572	16.572	0.000	90	14480	0.1704	0.1647	
A 65 C8 Range	1	16.577	(16.492-16.663)		0	57644	NC	NC	
66 trans-1,3-Dichloropropene	75	16.759	16.764	-0.005	96	9033	0.1704	0.1538	
67 1,1,2-Trichloroethane	83	17.139	17.139	0.000	96	7338	0.1704	0.1732	
68 Tetrachloroethene	166	17.326	17.326	0.000	93	11109	0.1704	0.1821	
69 2-Hexanone	43	17.561	17.545	0.016	96	8363	0.1704	0.1195	
70 Chlorodibromomethane	129	17.882	17.883	0.000	98	13491	0.1704	0.1653	
71 Ethylene Dibromide	107	18.118	18.118	0.000	98	11974	0.1704	0.1622	
* 73 Chlorobenzene-d5	117	19.027	19.027	0.000	88	1391655	10.0	10.0	
74 Chlorobenzene	112	19.086	19.086	0.000	94	19636	0.1704	0.1818	
75 Ethylbenzene	91	19.273	19.273	0.000	98	29824	0.1704	0.1687	
76 m-Xylene & p-Xylene	106	19.535	19.536	-0.001	0	21123	0.3407	0.3196	
77 n-Nonane	57	19.578	19.584	-0.006	89	13710	0.1704	0.1580	
S 80 Xylenes, Total	106				0		0.5111	0.4756	
78 o-Xylene	106	20.306	20.306	0.000	98	9796	0.1704	0.1561	
79 Styrene	104	20.343	20.338	0.005	97	13733	0.1704	0.1384	
81 Bromoform	173	20.685	20.680	0.005	94	11468	0.1704	0.1543	
82 Isopropylbenzene	105	20.974	20.975	-0.001	99	29043	0.1704	0.1554	
83 1,1,2,2-Tetrachloroethane	83	21.499	21.494	0.005	99	17705	0.1704	0.1629	
84 1,2,3-Trichloropropane	75	21.590	21.590	0.000	98	14205	0.1704	0.1681	
85 N-Propylbenzene	91	21.675	21.676	-0.001	98	36276	0.1704	0.1564	
86 2-Chlorotoluene	91	21.825	21.825	0.000	95	23540	0.1704	0.1563	M
87 4-Ethyltoluene	105	21.868	21.868	0.000	98	27481	0.1704	0.1505	
88 1,3,5-Trimethylbenzene	105	21.959	21.959	0.000	93	23528	0.1704	0.1516	
89 n-Decane	57	21.980	21.980	0.000	92	15149	0.1704	0.1402	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.285	22.285	0.000	87	9117	0.1704	0.1215	
91 tert-Butylbenzene	119	22.435	22.435	0.000	92	22654	0.1704	0.1545	
92 1,2,4-Trimethylbenzene	105	22.520	22.521	-0.001	98	23044	0.1704	0.1486	
93 sec-Butylbenzene	105	22.756	22.756	0.000	99	35583	0.1704	0.1559	
94 1,3-Dichlorobenzene	146	22.932	22.933	-0.001	99	16012	0.1704	0.1556	
95 4-Isopropyltoluene	119	22.965	22.965	-0.001	97	27059	0.1704	0.1472	
96 1,4-Dichlorobenzene	146	23.071	23.072	-0.001	93	15454	0.1704	0.1516	
97 Benzyl chloride	91	23.221	23.222	-0.001	98	15245	0.1704	0.1143	
98 n-Butylbenzene	91	23.532	23.527	0.005	97	25143	0.1704	0.1402	
99 1,2-Dichlorobenzene	146	23.574	23.575	-0.001	94	15558	0.1704	0.1571	
100 Undecane	57	23.671	23.666	0.005	93	12623	0.1704	0.1142	
101 Dodecane	57	25.286	25.287	-0.001	96	8917	0.1704	0.0926	
102 1,2,4-Trichlorobenzene	180	26.073	26.068	0.005	92	7513	0.1998	0.1332	
103 Hexachlorobutadiene	225	26.308	26.314	-0.006	95	10974	0.1915	0.1979	
104 Naphthalene	128	26.565	26.565	0.000	99	14015	0.2026	0.1192	
105 1,2,3-Trichlorobenzene	180	26.998	26.993	0.005	95	7631	0.1985	0.1475	
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_00276	Amount Added: 170.00	Units: mL	
ATTO15AMISs_00004	Amount Added: 20.00	Units: mL	Run Reagent

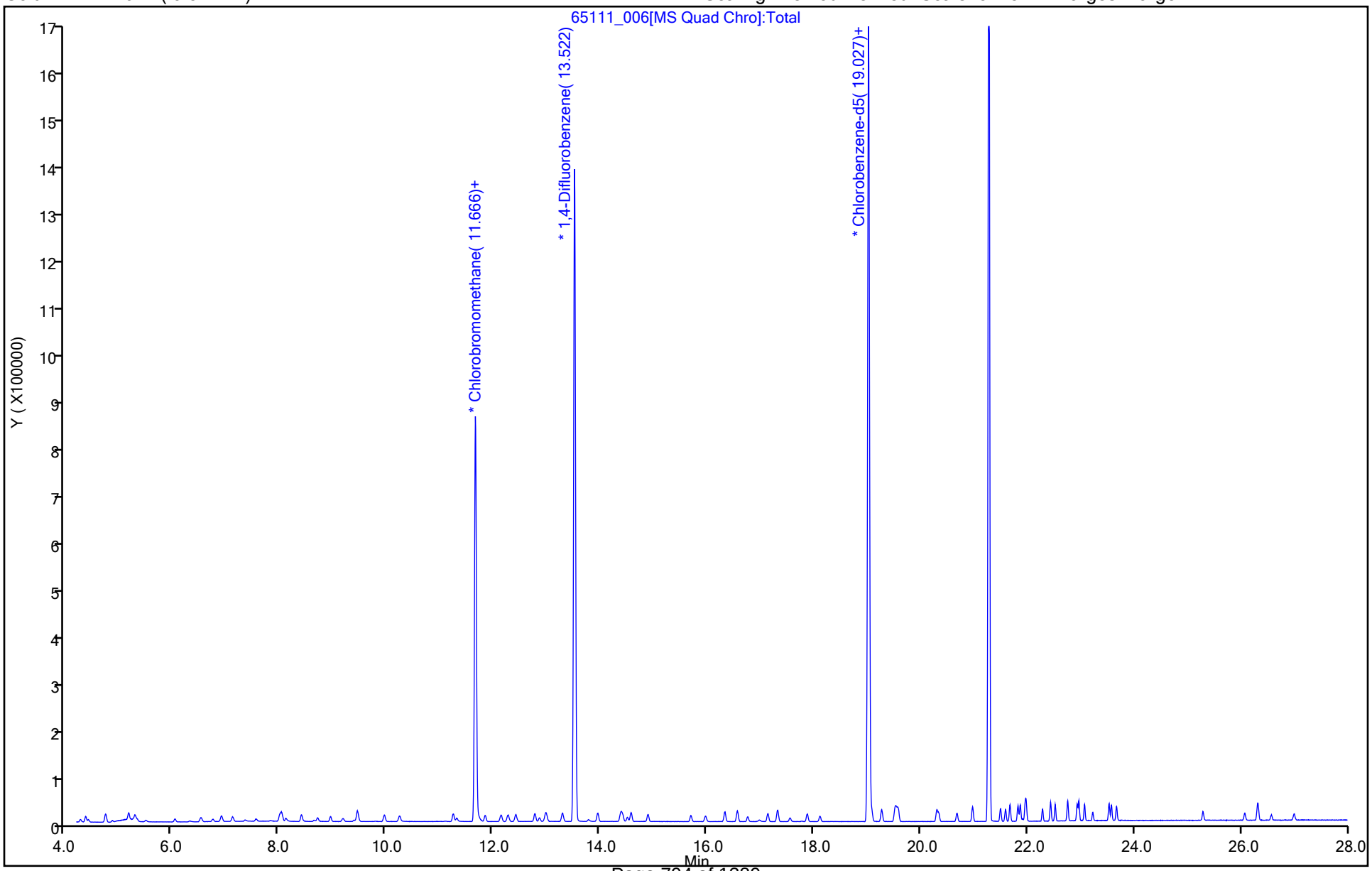
Report Date: 13-May-2025 06:43:22 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_006.D

Injection Date:	12-May-2025 18:29:54	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	6
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

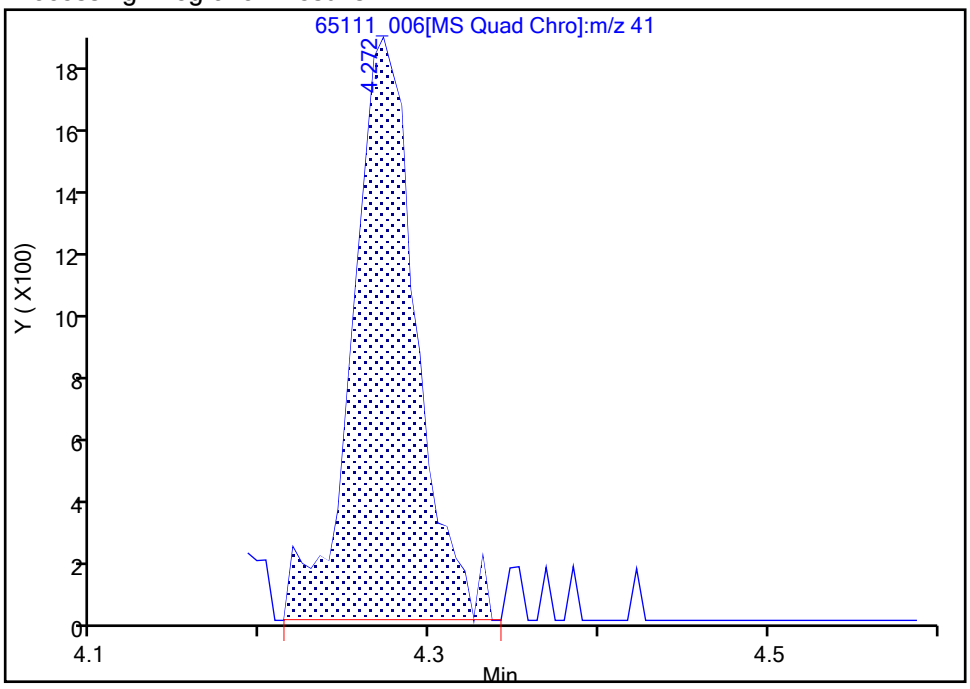
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Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

1 Propene, CAS: 115-07-1

Signal: 1

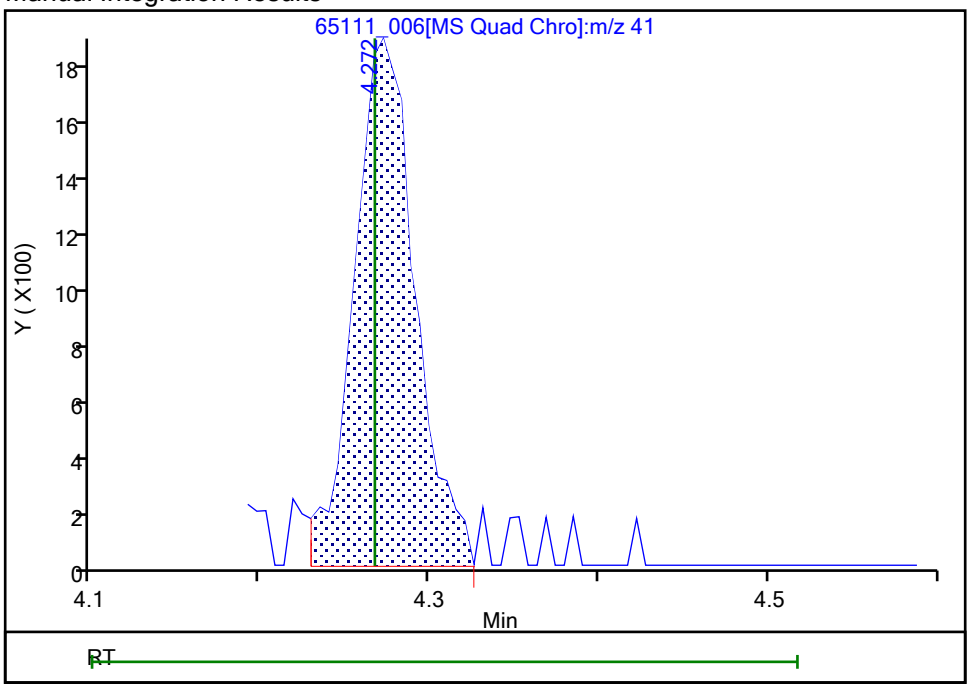
Processing Integration Results

RT: 4.27
Area: 4786
Amount: 0.182569
Amount Units: ppb v/v



Manual Integration Results

RT: 4.27
Area: 4591
Amount: 0.245703
Amount Units: ppb v/v



Reviewer: F7XK, 13-May-2025 09:43:58 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

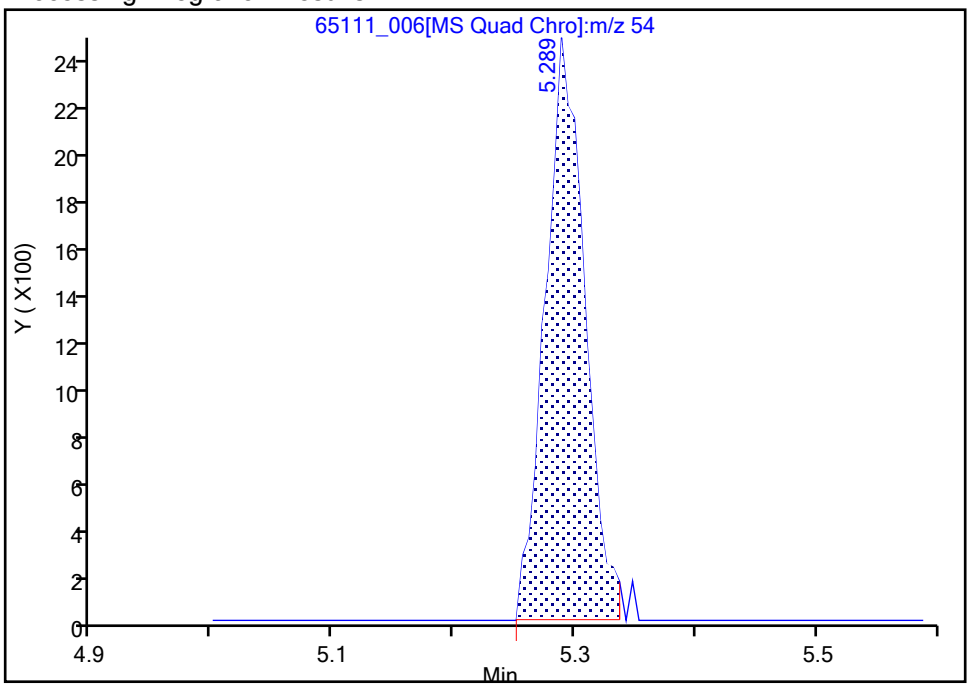
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Injection Date:	12-May-2025 18:29:54	Instrument ID:	CHAM.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

8 Butadiene, CAS: 106-99-0

Signal: 1

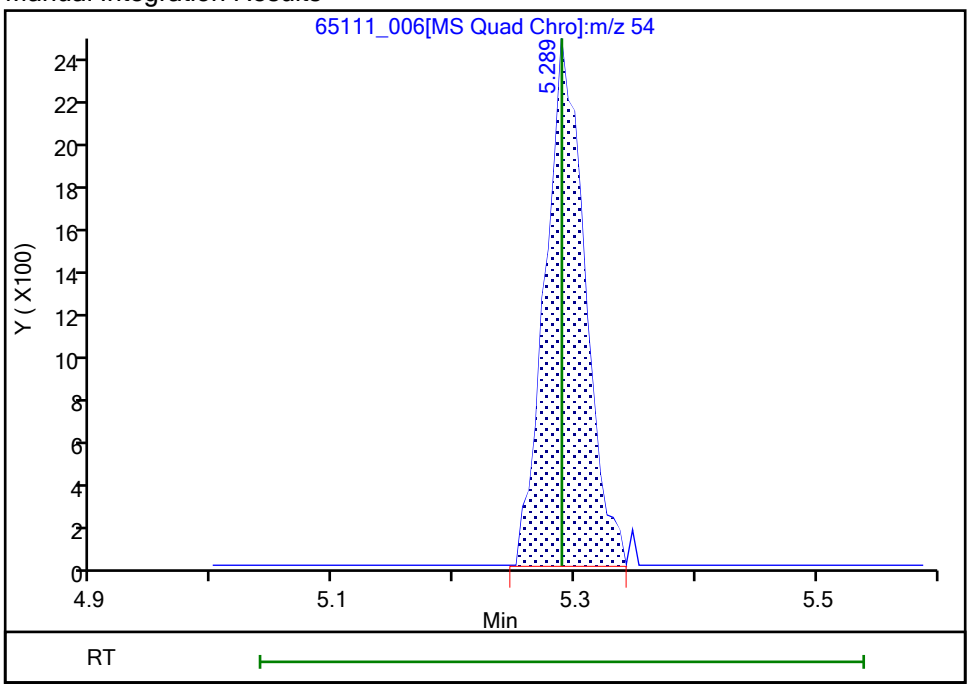
Processing Integration Results

RT: 5.29
Area: 5596
Amount: 0.173177
Amount Units: ppb v/v



Manual Integration Results

RT: 5.29
Area: 5596
Amount: 0.181671
Amount Units: ppb v/v



Reviewer: F7XK, 13-May-2025 09:44:37 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

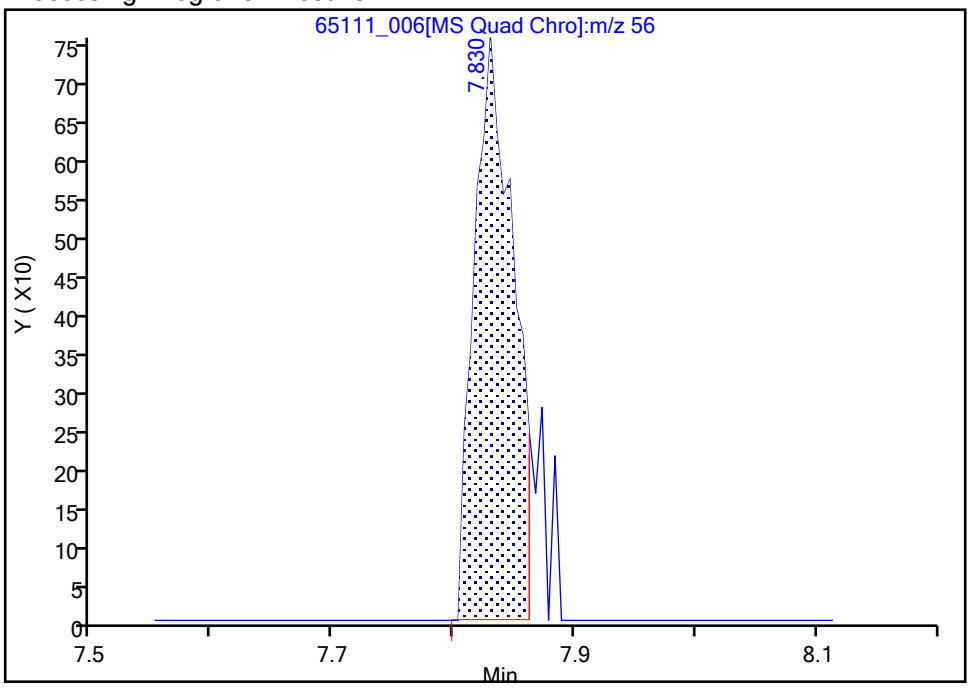
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Injection Date:	12-May-2025 18:29:54	Instrument ID:	CHAM.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 Acrolein, CAS: 107-02-8

Signal: 1

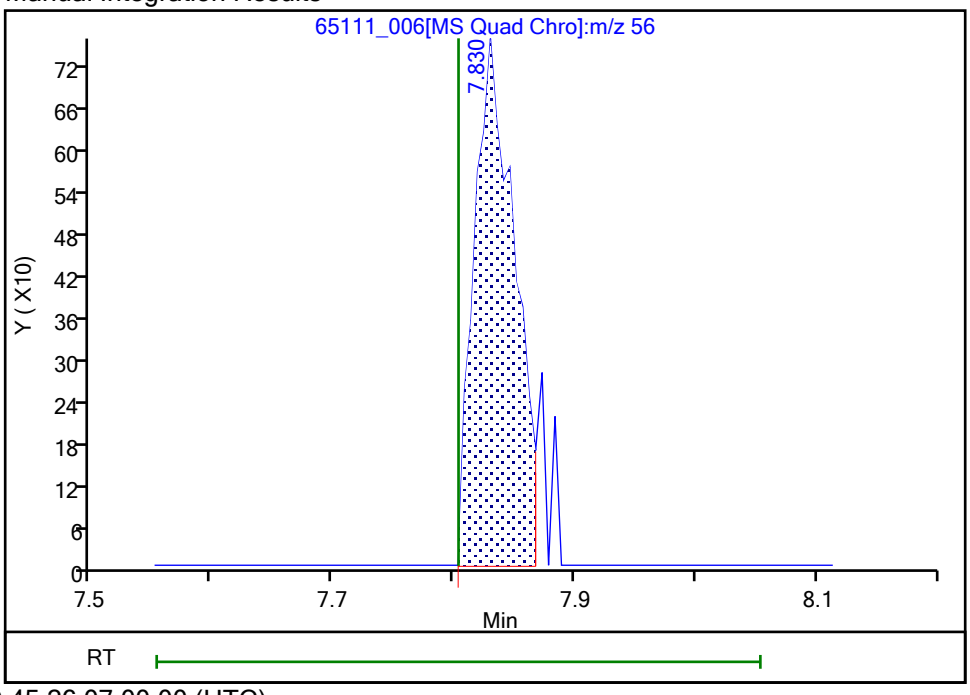
Processing Integration Results

RT: 7.83
Area: 1713
Amount: 0.164205
Amount Units: ppb v/v



Manual Integration Results

RT: 7.83
Area: 1766
Amount: 0.147740
Amount Units: ppb v/v



Reviewer: F7XK, 13-May-2025 09:45:26 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

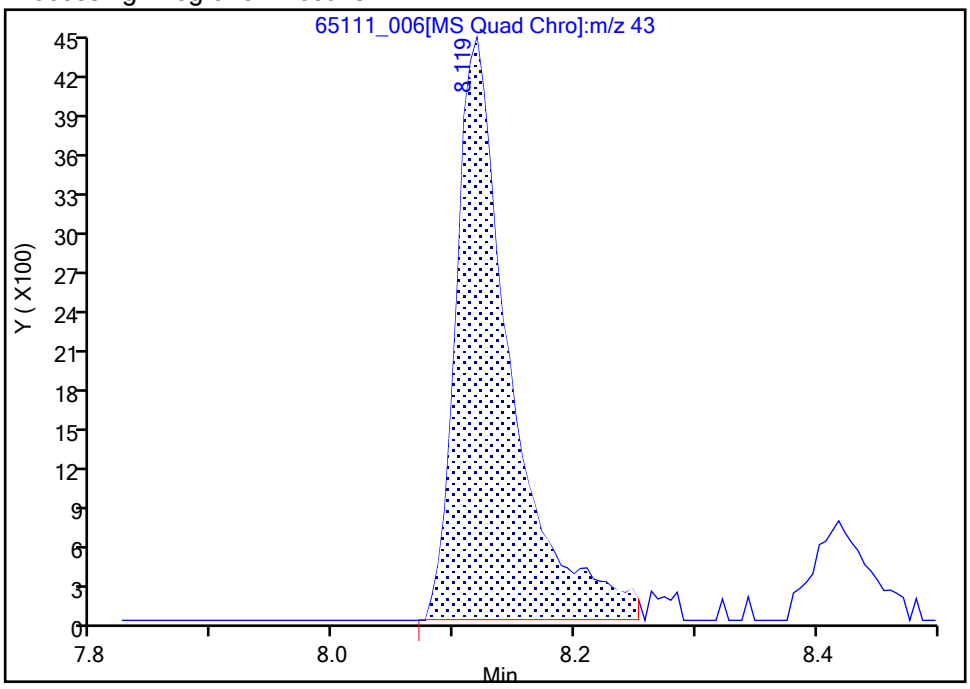
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Injection Date: 12-May-2025 18:29:54 Instrument ID: CHAM.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

22 Acetone, CAS: 67-64-1

Signal: 1

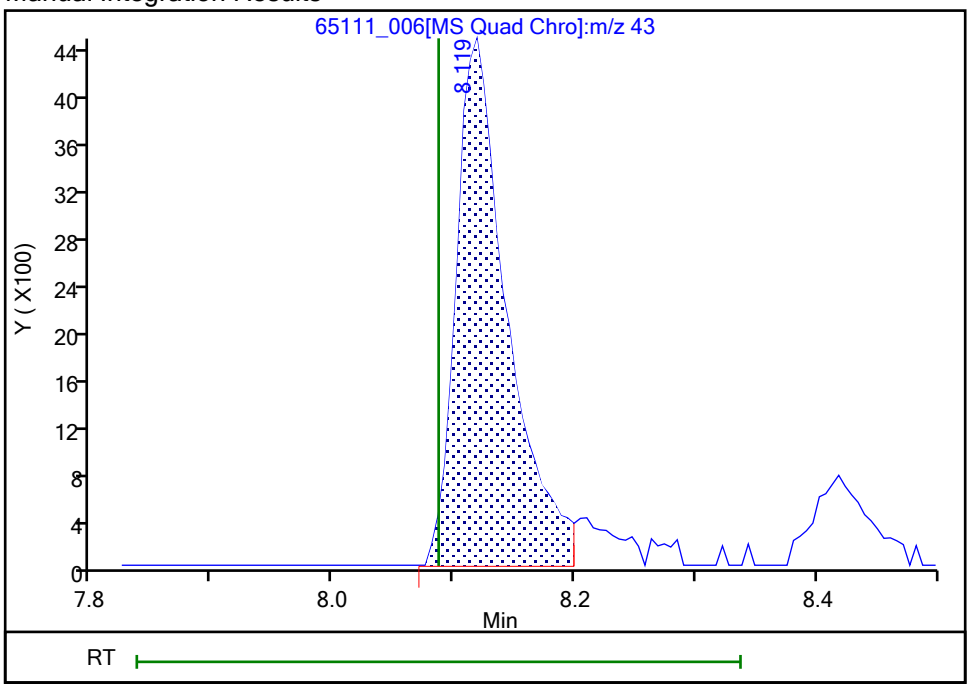
Processing Integration Results

RT: 8.12
Area: 13986
Amount: 0.162778
Amount Units: ppb v/v



Manual Integration Results

RT: 8.12
Area: 13088
Amount: 0.269584
Amount Units: ppb v/v



Reviewer: F7XK, 13-May-2025 09:45:46 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

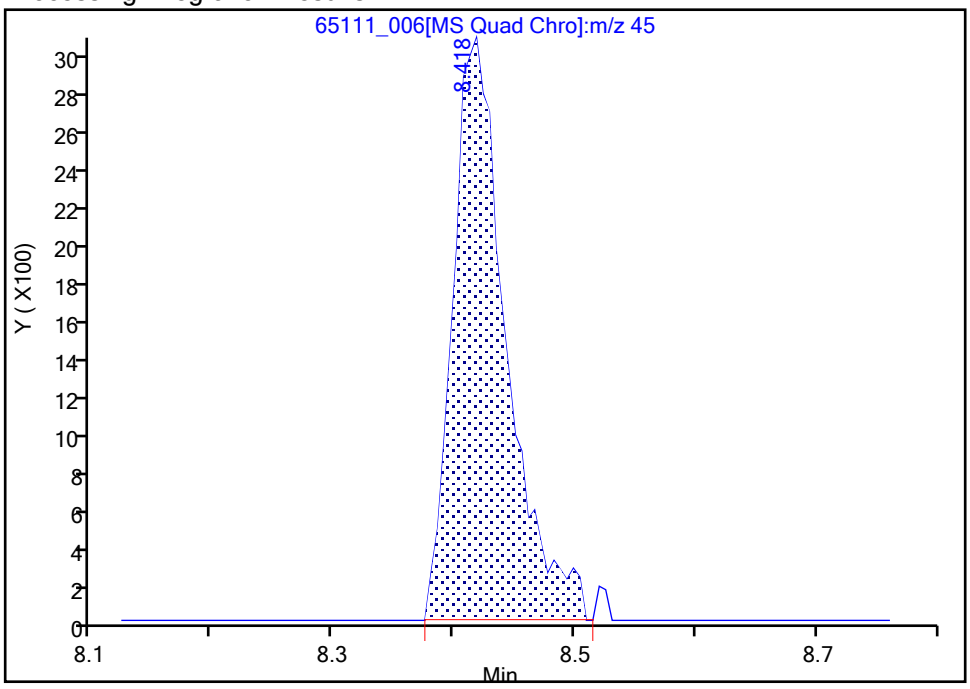
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Injection Date:	12-May-2025 18:29:54	Instrument ID:	CHAM.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

23 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

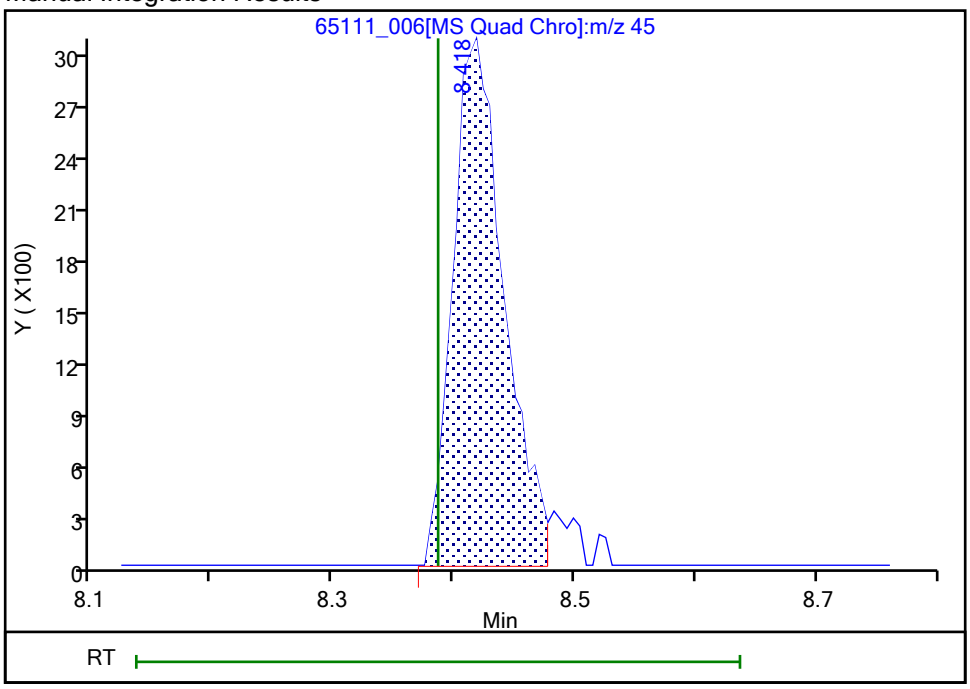
Processing Integration Results

RT: 8.42
Area: 9235
Amount: 0.183133
Amount Units: ppb v/v



Manual Integration Results

RT: 8.42
Area: 8826
Amount: 0.176127
Amount Units: ppb v/v



Reviewer: F7XK, 13-May-2025 09:46:02 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

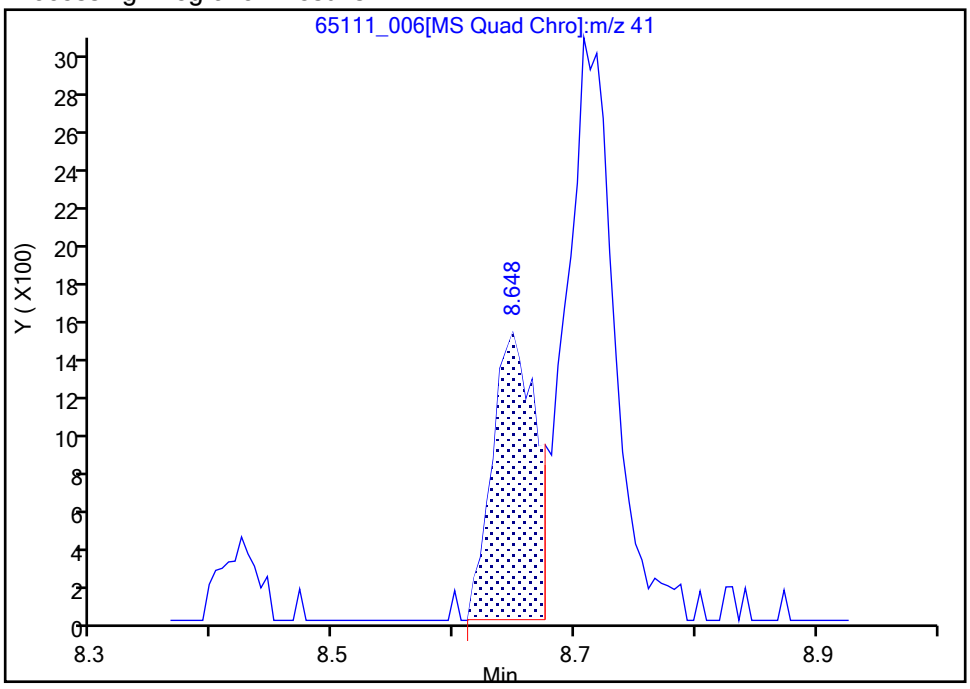
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Injection Date:	12-May-2025 18:29:54	Instrument ID:	CHAM.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

25 Acetonitrile, CAS: 75-05-8

Signal: 1

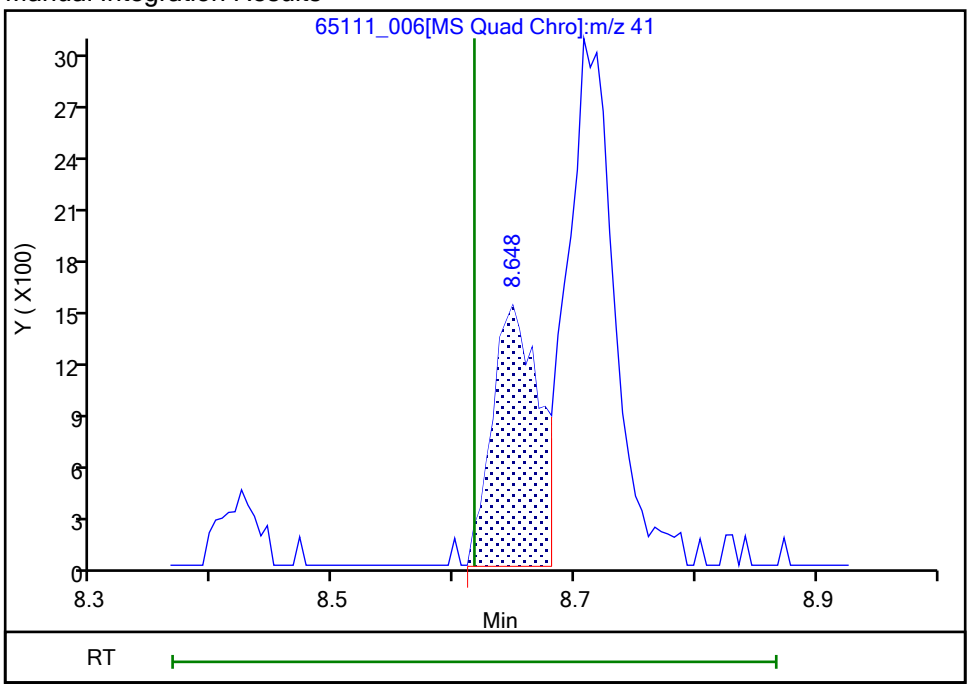
Processing Integration Results

RT: 8.65
Area: 3784
Amount: 0.164999
Amount Units: ppb v/v



Manual Integration Results

RT: 8.65
Area: 4060
Amount: 0.164988
Amount Units: ppb v/v



Reviewer: F7XK, 13-May-2025 09:46:36 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

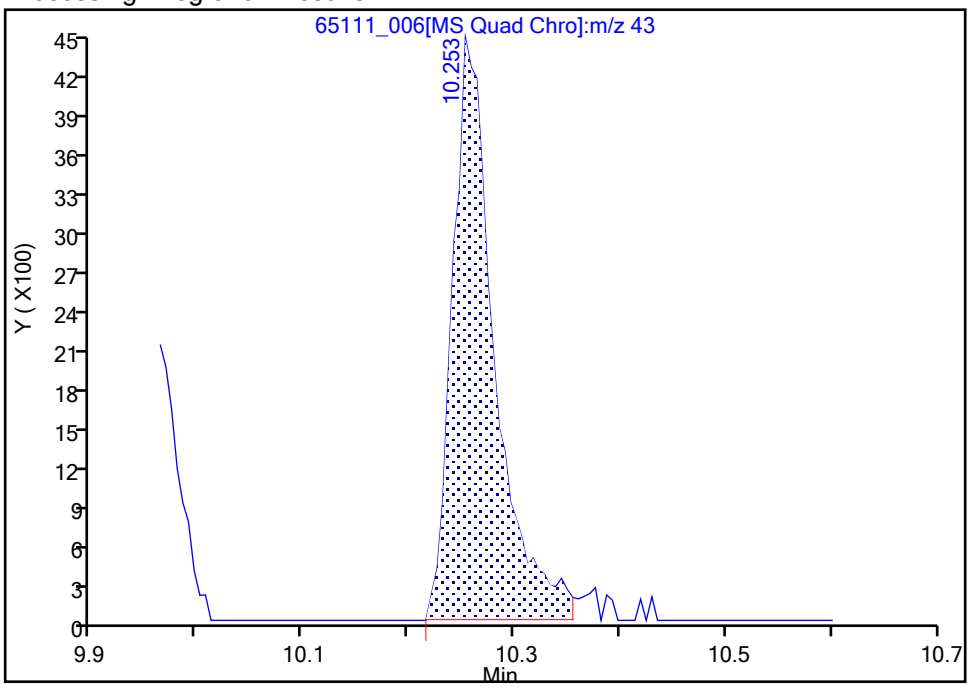
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_006.D				
Injection Date:	12-May-2025 18:29:54	Instrument ID:	CHAM.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 Vinyl acetate, CAS: 108-05-4

Signal: 1

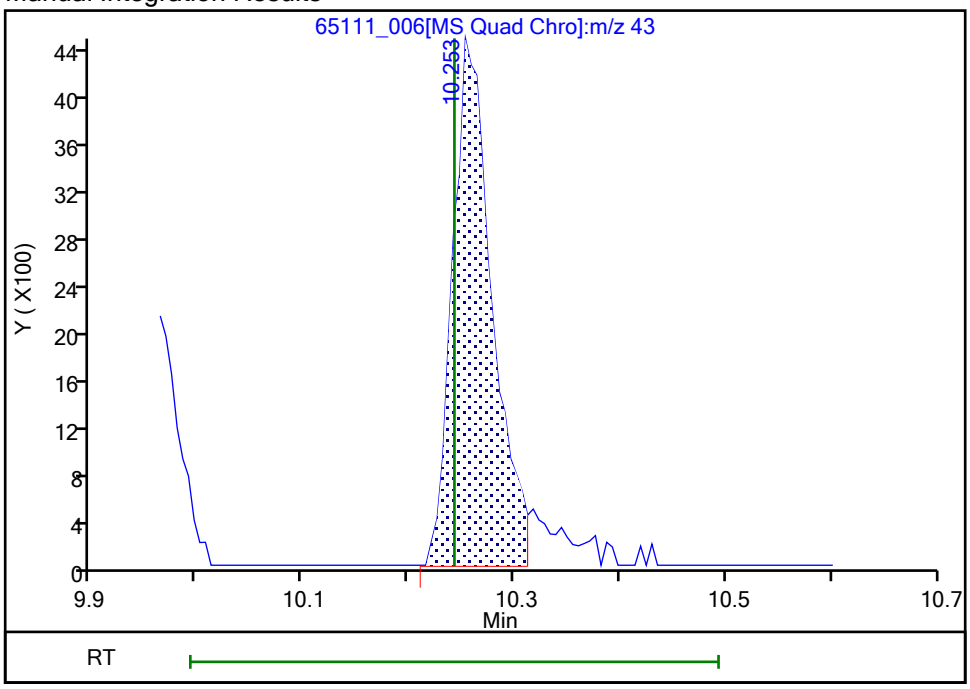
Processing Integration Results

RT: 10.25
Area: 12466
Amount: 0.192151
Amount Units: ppb v/v



Manual Integration Results

RT: 10.25
Area: 11665
Amount: 0.153004
Amount Units: ppb v/v



Reviewer: F7XK, 13-May-2025 09:47:47 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

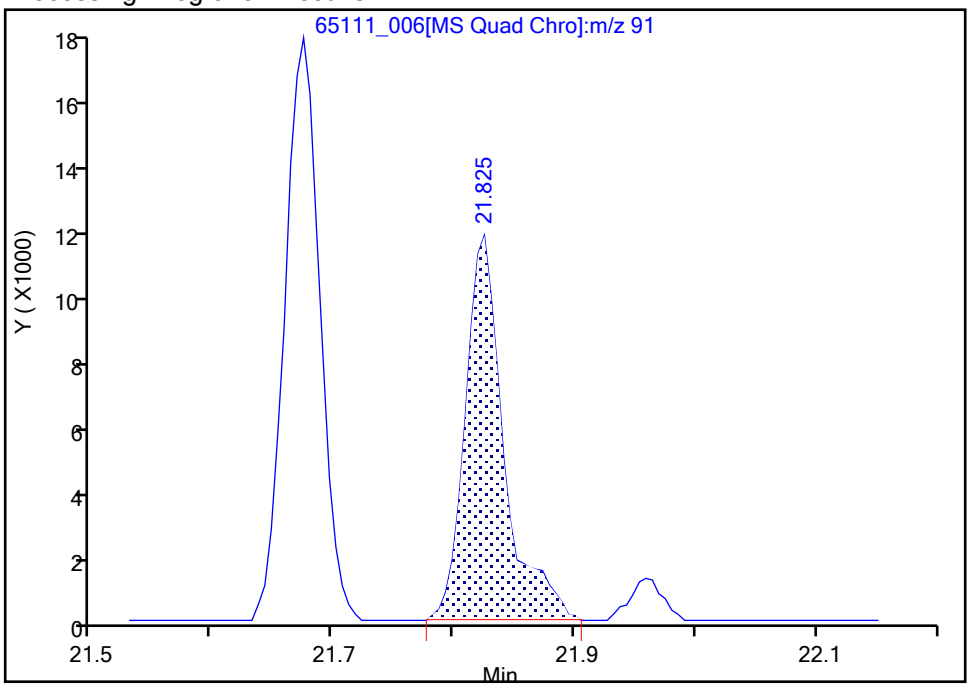
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_006.D				
Injection Date:	12-May-2025 18:29:54	Instrument ID:	CHAM.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

86 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

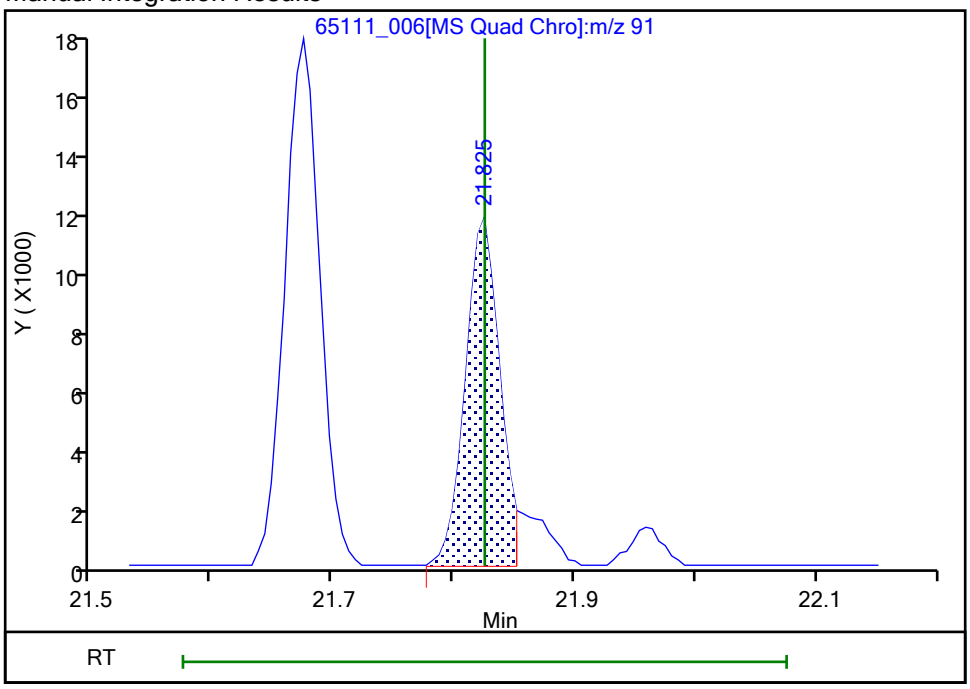
Processing Integration Results

RT: 21.82
Area: 26558
Amount: 0.178297
Amount Units: ppb v/v



Manual Integration Results

RT: 21.82
Area: 23540
Amount: 0.156299
Amount Units: ppb v/v



Reviewer: F7XK, 13-May-2025 09:50:18 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_007.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 12-May-2025 19:20:56 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065121-007
Operator ID: vtp Instrument ID: CHAM.i
Sublist: chrom-TO15_TO3_Master_Method_AM1*sub1

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 13-May-2025 06:43:29 Calib Date: 13-May-2025 01:19:20
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_014.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1714

First Level Reviewer: F7XK Date: 13-May-2025 10:17:02

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	4.273	4.267	0.006	97	8948	0.4254	0.4894	M
2 Dichlorodifluoromethane	85	4.375	4.369	0.006	99	33819	0.4254	0.4276	
3 Chlorodifluoromethane	51	4.423	4.417	0.006	97	18684	0.4254	0.4386	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.744	4.743	0.001	93	35317	0.4254	0.4212	
5 Chloromethane	50	4.872	4.867	0.006	99	10592	0.4254	0.4518	
7 Butane	43	5.177	5.171	0.006	98	23186	0.4254	0.4535	
6 Vinyl chloride	62	5.177	5.177	0.000	82	16897	0.4254	0.4493	
8 Butadiene	54	5.289	5.289	0.000	91	12937	0.4254	0.4292	
9 Bromomethane	94	6.044	6.038	0.006	98	13271	0.4254	0.4235	
10 Chloroethane	64	6.322	6.322	0.000	99	7112	0.4254	0.4265	
12 2-Methylbutane	43	6.530	6.530	0.000	89	13457	0.4254	0.4229	
13 Vinyl bromide	106	6.750	6.750	0.000	97	12755	0.4254	0.4104	
14 Trichlorofluoromethane	101	6.916	6.915	0.001	98	35978	0.4254	0.4278	
15 Pentane	43	7.119	7.119	0.000	94	20607	0.4254	0.4154	
16 Ethanol	45	7.328	7.311	0.017	97	58759	4.26	4.23	
18 Ethyl ether	59	7.563	7.541	0.022	91	9162	0.4254	0.4082	
19 Acrolein	56	7.830	7.804	0.026	91	5000	0.4981	0.4275	
20 1,1-Dichloroethene	96	8.007	8.001	0.006	98	14683	0.4254	0.4186	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.039	8.039	0.000	94	32595	0.4254	0.4279	
22 Acetone	43	8.109	8.087	0.022	97	23193	0.4254	0.4882	M
23 Isopropyl alcohol	45	8.414	8.387	0.027	55	20870	0.4930	0.4256	
24 Carbon disulfide	76	8.408	8.408	0.000	100	44040	0.4254	0.4236	
25 Acetonitrile	41	8.644	8.617	0.027	97	8817	0.4254	0.3662	
26 3-Chloro-1-propene	41	8.713	8.713	0.000	97	17290	0.4254	0.4182	
27 Methylene Chloride	49	8.954	8.954	0.000	92	18125	0.4254	0.4484	
28 2-Methyl-2-propanol	59	9.189	9.162	0.027	98	24867	0.4254	0.3604	
29 Acrylonitrile	53	9.387	9.371	0.016	95	9838	0.4254	0.3936	
31 Methyl tert-butyl ether	73	9.462	9.446	0.016	97	39040	0.4254	0.3932	
30 trans-1,2-Dichloroethene	61	9.451	9.451	0.000	98	21763	0.4254	0.4151	
32 Hexane	57	9.965	9.965	0.000	93	22001	0.4254	0.4014	
S 35 1,2-Dichloroethene, Total	61				0		0.8508	0.8142	

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	10.238	10.238	0.000	100	28216	0.4254	0.4230	
34 Vinyl acetate	43	10.254	10.243	0.011	99	28984	0.4845	0.3885	M
36 2-Butanone (MEK)	72	11.244	11.222	0.022	99	6668	0.4254	0.3756	
37 cis-1,2-Dichloroethene	96	11.260	11.254	0.006	94	16145	0.4254	0.3991	
38 Ethyl acetate	88	11.313	11.302	0.011	98	974	0.4254	0.2967	
* 39 Chlorobromomethane	128	11.666	11.671	-0.005	91	305683	10.0	10.0	
40 Tetrahydrofuran	42	11.720	11.698	0.022	90	15235	0.4254	0.4001	
41 Chloroform	83	11.848	11.848	0.000	97	32552	0.4254	0.4141	
42 1,1,1-Trichloroethane	97	12.148	12.148	0.000	98	31982	0.4254	0.4171	
43 Cyclohexane	84	12.276	12.281	-0.005	99	19431	0.4254	0.4004	
44 Carbon tetrachloride	117	12.426	12.426	0.000	97	31652	0.4254	0.4216	
45 Benzene	78	12.784	12.779	0.005	96	47800	0.4254	0.4147	
46 1,2-Dichloroethane	62	12.865	12.864	0.001	93	20734	0.4254	0.4160	
47 Isooctane	57	12.988	12.987	0.001	99	70542	0.4254	0.4016	
48 n-Heptane	43	13.293	13.298	-0.005	89	23928	0.4254	0.3910	
* 49 1,4-Difluorobenzene	114	13.523	13.522	0.001	95	1483000	10.0	10.0	
50 n-Butanol	56	13.779	13.763	0.016	89	7738	0.4254	0.3081	
51 Trichloroethene	95	13.961	13.956	0.005	96	21109	0.4254	0.4143	
53 1,2-Dichloropropane	63	14.427	14.421	0.006	92	18077	0.4254	0.4136	
54 Methyl methacrylate	69	14.507	14.501	0.006	98	13493	0.4254	0.3409	
55 1,4-Dioxane	88	14.566	14.550	0.016	94	8691	0.4254	0.3981	
57 Dibromomethane	174	14.582	14.582	0.000	94	17963	0.4254	0.4157	
58 Dichlorobromomethane	83	14.898	14.897	0.001	98	33761	0.4254	0.3986	
59 cis-1,3-Dichloropropene	75	15.705	15.700	0.005	93	27214	0.4254	0.3777	
61 4-Methyl-2-pentanone (MIBK)	43	15.973	15.962	0.011	96	27285	0.4254	0.3483	
62 Toluene	92	16.337	16.336	0.001	93	31399	0.4254	0.4023	
A 63 Toluene Range	1	16.344	(16.267-16.422)		0	125707	NC	NC	
64 n-Octane	43	16.567	16.572	-0.005	89	32826	0.4254	0.3832	
A 65 C8 Range	1	16.577	(16.492-16.663)		0	132452	NC	NC	
66 trans-1,3-Dichloropropene	75	16.765	16.764	0.001	97	21404	0.4254	0.3740	
67 1,1,2-Trichloroethane	83	17.139	17.139	0.000	98	16987	0.4254	0.4099	
68 Tetrachloroethene	166	17.321	17.326	-0.005	94	25545	0.4254	0.4281	
69 2-Hexanone	43	17.551	17.545	0.006	96	20540	0.4254	0.3001	
70 Chlorodibromomethane	129	17.883	17.883	0.001	97	31090	0.4254	0.3895	
71 Ethylene Dibromide	107	18.118	18.118	0.000	97	28661	0.4254	0.3968	
* 73 Chlorobenzene-d5	117	19.028	19.027	0.001	88	1361306	10.0	10.0	
74 Chlorobenzene	112	19.086	19.086	0.000	95	44467	0.4254	0.4210	
75 Ethylbenzene	91	19.274	19.273	0.001	99	69241	0.4254	0.4005	
76 m-Xylene & p-Xylene	106	19.536	19.536	0.000	0	50103	0.8508	0.7749	
77 n-Nonane	57	19.584	19.584	0.000	89	32838	0.4254	0.3869	
S 80 Xylenes, Total	106				0		1.28	1.15	
78 o-Xylene	106	20.301	20.306	-0.005	97	23316	0.4254	0.3797	
79 Styrene	104	20.344	20.338	0.006	100	31561	0.4254	0.3251	
81 Bromoform	173	20.681	20.680	0.001	94	27032	0.4254	0.3719	
82 Isopropylbenzene	105	20.975	20.975	0.000	98	68921	0.4254	0.3771	
83 1,1,2,2-Tetrachloroethane	83	21.499	21.494	0.005	99	41263	0.4254	0.3881	
84 1,2,3-Trichloropropane	75	21.590	21.590	0.000	99	32950	0.4254	0.3985	
85 N-Propylbenzene	91	21.676	21.676	0.000	99	87021	0.4254	0.3835	
86 2-Chlorotoluene	91	21.826	21.825	0.001	96	58221	0.4254	0.3952	
87 4-Ethyltoluene	105	21.868	21.868	0.000	98	65989	0.4254	0.3694	
88 1,3,5-Trimethylbenzene	105	21.959	21.959	0.000	92	57510	0.4254	0.3788	
89 n-Decane	57	21.981	21.980	0.001	92	37093	0.4254	0.3510	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.286	22.285	0.001	87	22191	0.4254	0.3022	
91 tert-Butylbenzene	119	22.435	22.435	0.000	92	54822	0.4254	0.3822	
92 1,2,4-Trimethylbenzene	105	22.521	22.521	0.000	98	55757	0.4254	0.3676	
93 sec-Butylbenzene	105	22.756	22.756	0.000	99	84485	0.4254	0.3784	
94 1,3-Dichlorobenzene	146	22.933	22.933	0.000	99	36676	0.4254	0.3644	
95 4-Isopropyltoluene	119	22.965	22.965	0.000	97	65303	0.4254	0.3632	
96 1,4-Dichlorobenzene	146	23.072	23.072	0.000	93	35764	0.4254	0.3586	
97 Benzyl chloride	91	23.222	23.222	0.000	98	36120	0.4254	0.2770	
98 n-Butylbenzene	91	23.527	23.527	0.000	98	59272	0.4254	0.3379	
99 1,2-Dichlorobenzene	146	23.575	23.575	0.000	94	35281	0.4254	0.3642	
100 Undecane	57	23.671	23.666	0.005	93	31166	0.4254	0.2882	
101 Dodecane	57	25.287	25.287	0.000	96	20336	0.4254	0.2159	
102 1,2,4-Trichlorobenzene	180	26.073	26.068	0.005	93	16688	0.4990	0.3025	
103 Hexachlorobutadiene	225	26.309	26.314	-0.005	96	24499	0.4781	0.4517	
104 Naphthalene	128	26.565	26.565	0.000	98	29741	0.5058	0.2586	
105 1,2,3-Trichlorobenzene	180	26.993	26.993	0.000	93	17069	0.4956	0.3372	
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:

ATTO15CAL2w_00358	Amount Added: 170.00	Units: mL	
ATTO15AMISs_00004	Amount Added: 20.00	Units: mL	Run Reagent

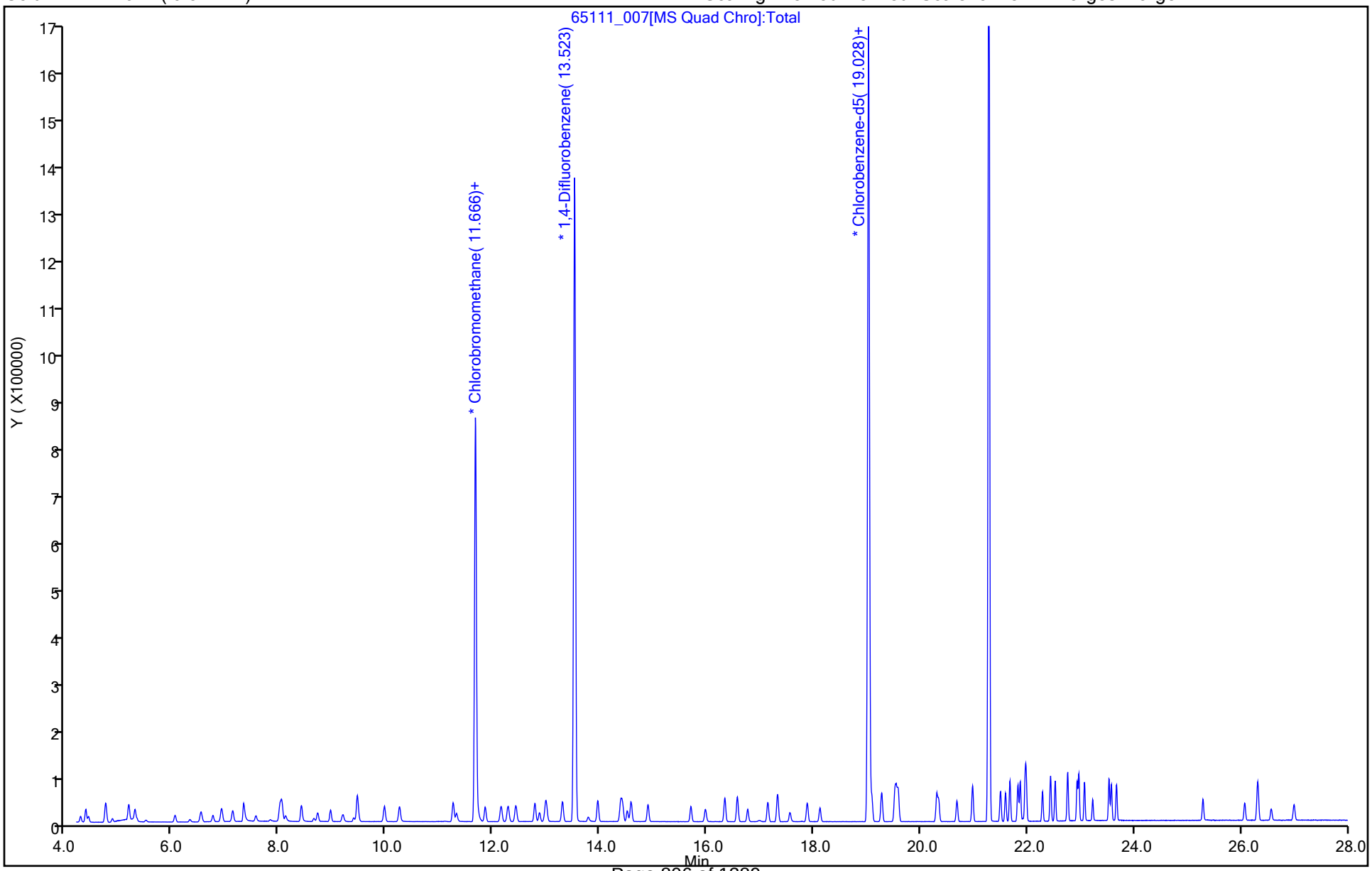
Report Date: 13-May-2025 06:43:30 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_007.D

Injection Date:	12-May-2025 19:20:56	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	7
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

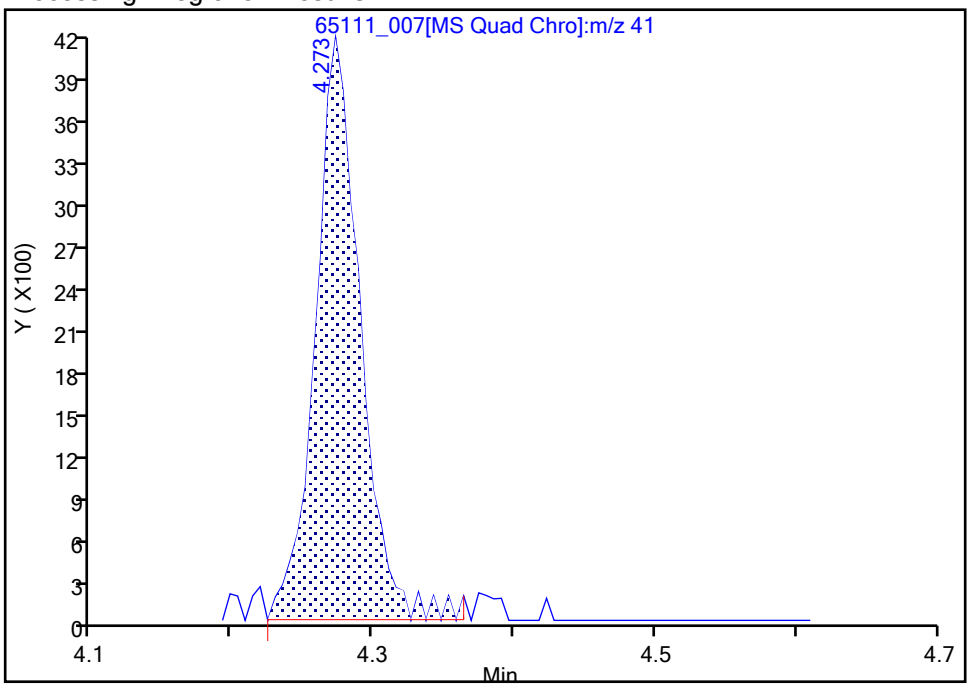
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Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

1 Propene, CAS: 115-07-1

Signal: 1

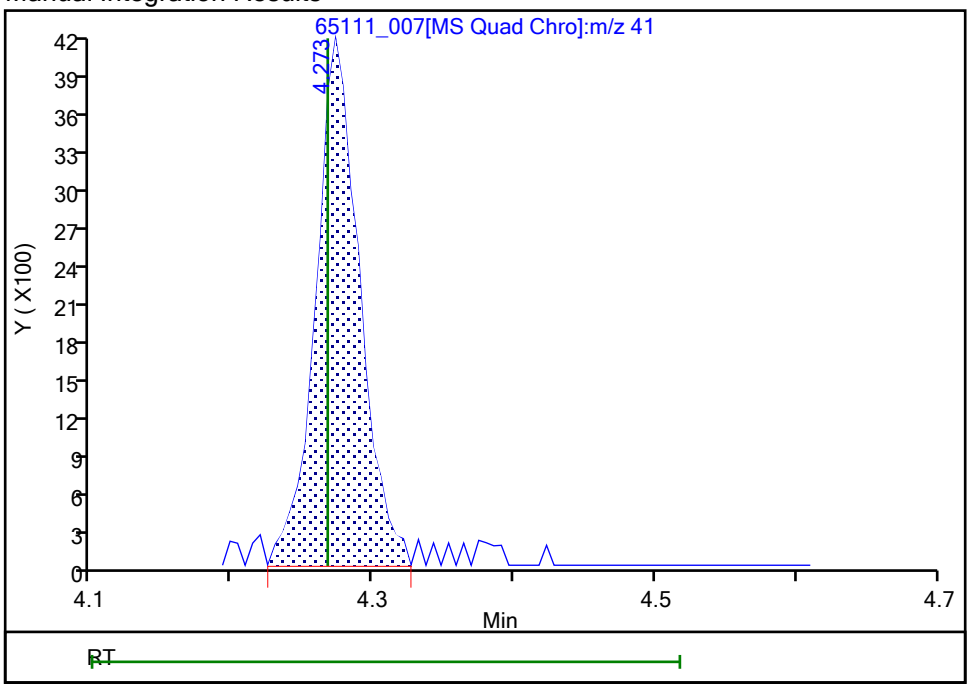
Processing Integration Results

RT: 4.27
Area: 9181
Amount: 0.361050
Amount Units: ppb v/v



Manual Integration Results

RT: 4.27
Area: 8948
Amount: 0.489376
Amount Units: ppb v/v



Reviewer: F7XK, 13-May-2025 09:54:00 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

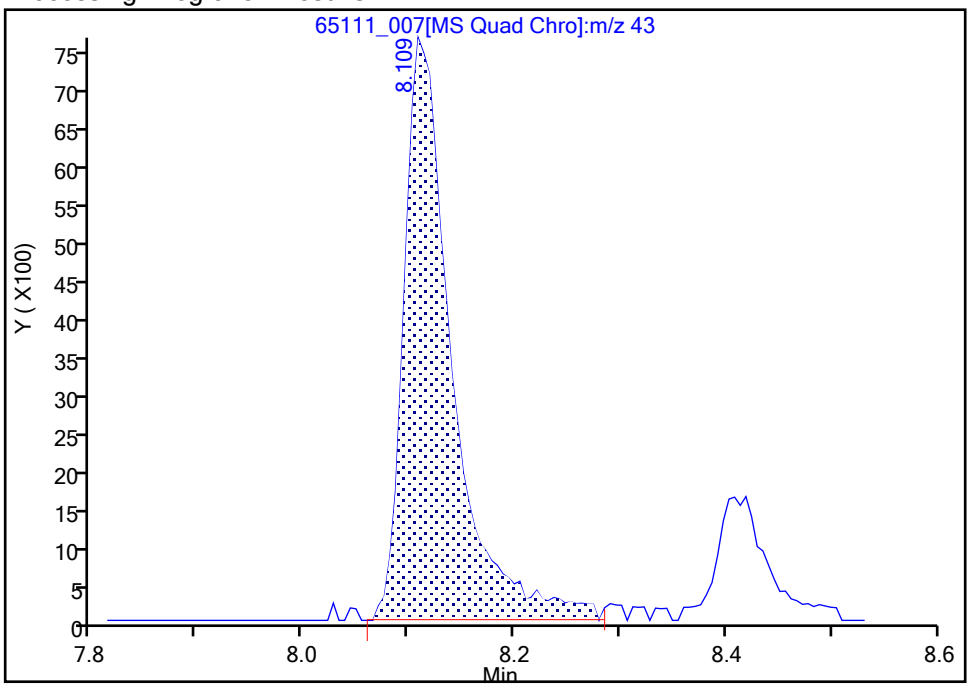
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Injection Date:	12-May-2025 19:20:56	Instrument ID:	CHAM.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

22 Acetone, CAS: 67-64-1

Signal: 1

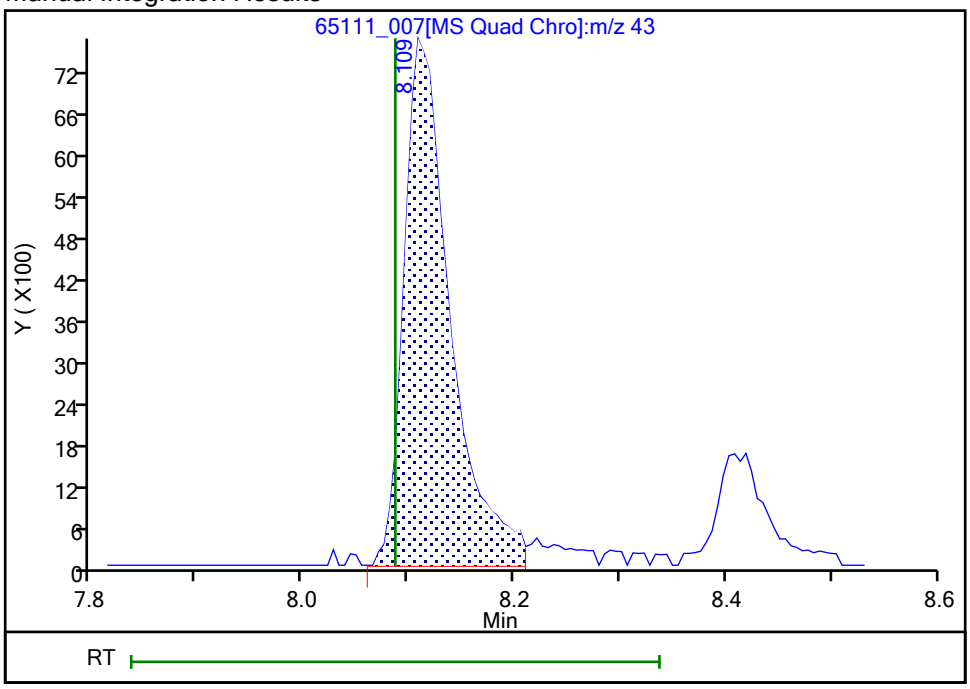
Processing Integration Results

RT: 8.11
Area: 24255
Amount: 0.292065
Amount Units: ppb v/v



Manual Integration Results

RT: 8.11
Area: 23193
Amount: 0.488192
Amount Units: ppb v/v



Reviewer: F7XK, 13-May-2025 10:12:08 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

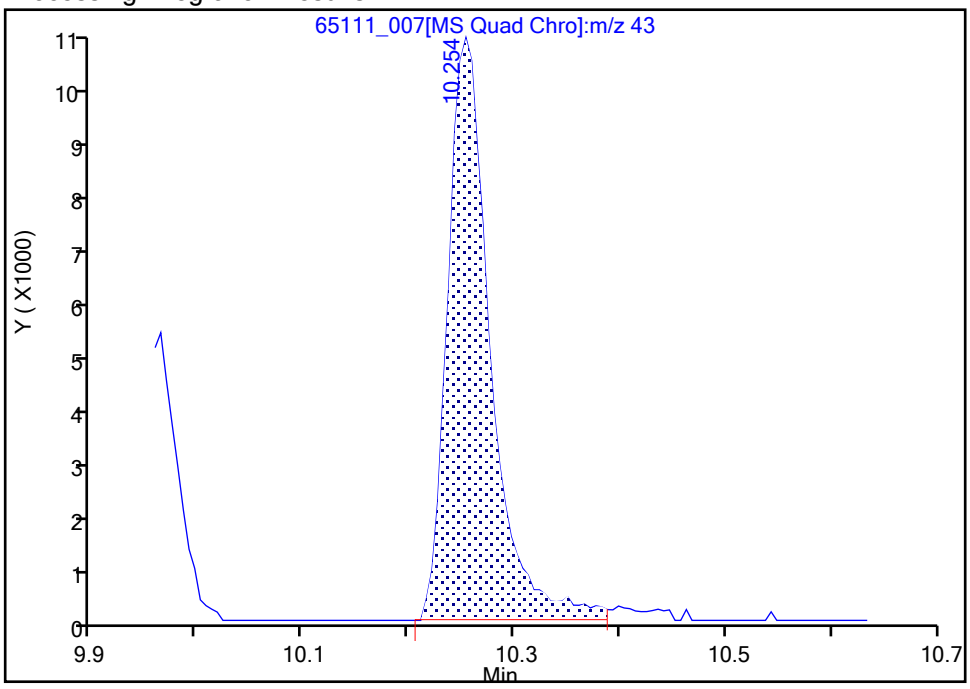
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Injection Date:	12-May-2025 19:20:56	Instrument ID:	CHAM.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 Vinyl acetate, CAS: 108-05-4

Signal: 1

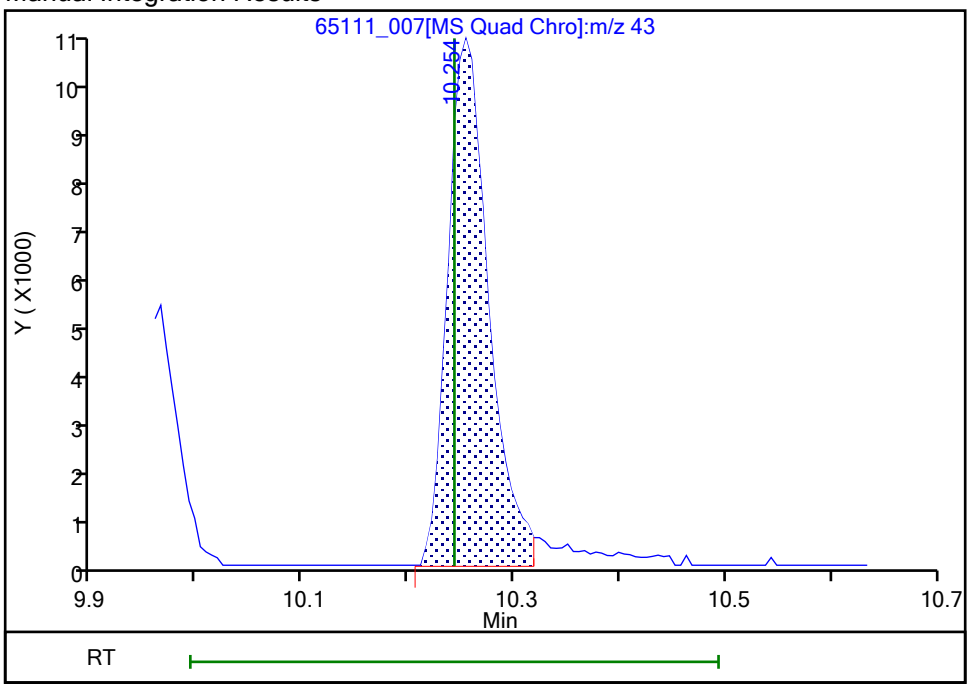
Processing Integration Results

RT: 10.25
Area: 30382
Amount: 0.484737
Amount Units: ppb v/v



Manual Integration Results

RT: 10.25
Area: 28984
Amount: 0.388500
Amount Units: ppb v/v



Reviewer: F7XK, 13-May-2025 10:13:21 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_008.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 12-May-2025 20:12:08 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065121-008
Operator ID: vtp Instrument ID: CHAM.i
Sublist: chrom-TO15_TO3_Master_Method_AM1*sub1

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 13-May-2025 06:43:33 Calib Date: 13-May-2025 01:19:20
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_014.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1714

First Level Reviewer: F7XK Date: 13-May-2025 10:20:04

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	4.273	4.267	0.006	97	78423	4.24	4.17	
2 Dichlorodifluoromethane	85	4.369	4.369	0.000	99	341026	4.24	4.20	
3 Chlorodifluoromethane	51	4.417	4.417	0.000	97	184437	4.24	4.21	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.743	4.743	0.000	94	357473	4.24	4.15	
5 Chloromethane	50	4.866	4.867	0.000	99	101686	4.24	4.22	
7 Butane	43	5.177	5.171	0.006	98	225244	4.24	4.29	
6 Vinyl chloride	62	5.177	5.177	0.000	82	165944	4.24	4.29	
8 Butadiene	54	5.294	5.289	0.005	91	124117	4.24	4.01	
9 Bromomethane	94	6.043	6.038	0.005	99	133170	4.24	4.13	
10 Chloroethane	64	6.322	6.322	0.000	100	72228	4.24	4.21	
12 2-Methylbutane	43	6.530	6.530	0.000	91	134735	4.24	4.12	
13 Vinyl bromide	106	6.755	6.750	0.005	99	131601	4.24	4.12	
14 Trichlorofluoromethane	101	6.910	6.915	-0.005	98	359298	4.24	4.16	
15 Pentane	43	7.119	7.119	0.000	95	212743	4.24	4.17	
16 Ethanol	45	7.322	7.311	0.011	98	116760	8.49	8.17	
18 Ethyl ether	59	7.547	7.541	0.006	90	96716	4.24	4.19	
19 Acrolein	56	7.809	7.804	0.005	96	54527	4.97	4.54	
20 1,1-Dichloroethene	96	8.001	8.001	0.000	97	149369	4.24	4.14	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.039	8.039	0.000	95	320678	4.24	4.10	
22 Acetone	43	8.092	8.087	0.005	98	206242	4.24	4.22	
23 Isopropyl alcohol	45	8.392	8.387	0.005	100	236974	4.92	4.70	
24 Carbon disulfide	76	8.408	8.408	0.000	100	447877	4.24	4.19	
25 Acetonitrile	41	8.622	8.617	0.005	98	99662	4.24	4.03	
26 3-Chloro-1-propene	41	8.713	8.713	0.000	98	174607	4.24	4.11	
27 Methylene Chloride	49	8.954	8.954	0.000	93	174943	4.24	4.21	
28 2-Methyl-2-propanol	59	9.173	9.162	0.011	99	290548	4.24	4.10	
29 Acrylonitrile	53	9.371	9.371	0.000	94	107880	4.24	4.20	M
31 Methyl tert-butyl ether	73	9.451	9.446	0.005	97	429500	4.24	4.21	
30 trans-1,2-Dichloroethene	61	9.451	9.451	0.000	81	226993	4.24	4.21	
32 Hexane	57	9.959	9.965	-0.006	93	235108	4.24	4.17	
S 35 1,2-Dichloroethene, Total	61				0		8.49	8.31	

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	10.238	10.238	0.000	100	289393	4.24	4.22	
34 Vinyl acetate	43	10.243	10.243	0.000	100	352743	4.83	4.60	
36 2-Butanone (MEK)	72	11.233	11.222	0.011	99	75975	4.24	4.16	
37 cis-1,2-Dichloroethene	96	11.254	11.254	0.000	95	170268	4.24	4.10	
38 Ethyl acetate	88	11.302	11.302	0.000	99	13708	4.24	4.06	
* 39 Chlorobromomethane	128	11.671	11.671	0.000	92	314149	10.0	10.0	
40 Tetrahydrofuran	42	11.703	11.698	0.005	91	162569	4.24	4.16	
41 Chloroform	83	11.848	11.848	0.000	96	336646	4.24	4.17	
42 1,1,1-Trichloroethane	97	12.148	12.148	0.000	99	326630	4.24	4.15	
43 Cyclohexane	84	12.281	12.281	0.000	99	207385	4.24	4.16	
44 Carbon tetrachloride	117	12.426	12.426	0.000	98	326999	4.24	4.24	
45 Benzene	78	12.779	12.779	0.000	96	493539	4.24	4.17	
46 1,2-Dichloroethane	62	12.864	12.864	0.000	93	216601	4.24	4.23	
47 Isooctane	57	12.987	12.987	0.000	99	766208	4.24	4.25	
48 n-Heptane	43	13.298	13.298	0.000	91	266386	4.24	4.24	
* 49 1,4-Difluorobenzene	114	13.522	13.522	0.000	95	1523333	10.0	10.0	
50 n-Butanol	56	13.768	13.763	0.005	89	98962	4.24	3.84	
51 Trichloroethene	95	13.956	13.956	0.000	96	217336	4.24	4.15	
53 1,2-Dichloropropane	63	14.421	14.421	0.000	92	186672	4.24	4.16	
54 Methyl methacrylate	69	14.507	14.501	0.006	98	166419	4.24	4.09	
55 1,4-Dioxane	88	14.555	14.550	0.005	94	99807	4.24	4.45	
57 Dibromomethane	174	14.582	14.582	0.000	94	182215	4.24	4.10	
58 Dichlorobromomethane	83	14.897	14.897	0.000	98	361209	4.24	4.15	
59 cis-1,3-Dichloropropene	75	15.700	15.700	0.000	92	307294	4.24	4.15	
61 4-Methyl-2-pentanone (MIBK)	43	15.962	15.962	0.000	97	333847	4.24	4.15	
62 Toluene	92	16.336	16.336	0.000	94	342653	4.24	4.22	
A 63 Toluene Range	1	16.344	(16.267-16.422)		0	1378561	NC	NC	
64 n-Octane	43	16.572	16.572	0.000	91	373806	4.24	4.25	
A 65 C8 Range	1	16.577	(16.492-16.663)		0	1491871	NC	NC	
66 trans-1,3-Dichloropropene	75	16.764	16.764	0.000	96	246410	4.24	4.19	
67 1,1,2-Trichloroethane	83	17.139	17.139	0.000	97	180636	4.24	4.19	
68 Tetrachloroethene	166	17.326	17.326	0.000	95	259399	4.24	4.18	
69 2-Hexanone	43	17.551	17.545	0.006	95	284924	4.24	4.00	
70 Chlorodibromomethane	129	17.882	17.883	0.000	98	343912	4.24	4.14	
71 Ethylene Dibromide	107	18.118	18.118	0.000	98	315147	4.24	4.19	
* 73 Chlorobenzene-d5	117	19.027	19.027	0.000	88	1416382	10.0	10.0	
74 Chlorobenzene	112	19.086	19.086	0.000	94	457966	4.24	4.17	
75 Ethylbenzene	91	19.273	19.273	0.000	99	764057	4.24	4.25	
76 m-Xylene & p-Xylene	106	19.536	19.536	0.000	0	575511	8.49	8.55	
77 n-Nonane	57	19.584	19.584	0.000	89	380291	4.24	4.31	
S 80 Xylenes, Total	106				0		12.7	12.8	
78 o-Xylene	106	20.306	20.306	0.000	98	271987	4.24	4.26	
79 Styrene	104	20.343	20.338	0.005	99	437055	4.24	4.33	
81 Bromoform	173	20.680	20.680	0.000	95	311402	4.24	4.12	
82 Isopropylbenzene	105	20.975	20.975	0.000	99	829039	4.24	4.36	
83 1,1,2,2-Tetrachloroethane	83	21.499	21.494	0.005	98	473754	4.24	4.28	
84 1,2,3-Trichloropropane	75	21.590	21.590	0.000	99	365771	4.24	4.25	
85 N-Propylbenzene	91	21.675	21.676	-0.001	99	1041182	4.24	4.41	
86 2-Chlorotoluene	91	21.825	21.825	0.000	96	660270	4.24	4.31	
87 4-Ethyltoluene	105	21.868	21.868	0.000	98	812908	4.24	4.37	
88 1,3,5-Trimethylbenzene	105	21.959	21.959	0.000	92	686115	4.24	4.34	
89 n-Decane	57	21.975	21.980	-0.005	92	463274	4.24	4.21	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.285	22.285	0.000	87	327604	4.24	4.29	
91 tert-Butylbenzene	119	22.435	22.435	0.000	92	641486	4.24	4.30	
92 1,2,4-Trimethylbenzene	105	22.521	22.521	0.000	98	686269	4.24	4.35	
93 sec-Butylbenzene	105	22.756	22.756	0.000	99	1016725	4.24	4.38	
94 1,3-Dichlorobenzene	146	22.933	22.933	0.000	99	445553	4.24	4.26	
95 4-Isopropyltoluene	119	22.965	22.965	0.000	97	811326	4.24	4.34	
96 1,4-Dichlorobenzene	146	23.072	23.072	0.000	94	444297	4.24	4.28	
97 Benzyl chloride	91	23.222	23.222	0.000	98	566437	4.24	4.17	
98 n-Butylbenzene	91	23.532	23.527	0.005	98	797284	4.24	4.37	
99 1,2-Dichlorobenzene	146	23.575	23.575	0.000	95	428989	4.24	4.26	
100 Undecane	57	23.671	23.666	0.005	94	441327	4.24	3.92	
101 Dodecane	57	25.287	25.287	0.000	98	373098	4.24	3.81	
102 1,2,4-Trichlorobenzene	180	26.068	26.068	0.000	93	265111	4.98	4.62	
103 Hexachlorobutadiene	225	26.314	26.314	0.000	97	265106	4.77	4.70	
104 Naphthalene	128	26.565	26.565	0.000	99	598479	5.05	5.00	
105 1,2,3-Trichlorobenzene	180	26.993	26.993	0.000	95	250950	4.94	4.76	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated

Reagents:

ATTO15CAL3w_00286	Amount Added: 170.00	Units: mL	
ATTO15AMISs_00004	Amount Added: 20.00	Units: mL	Run Reagent

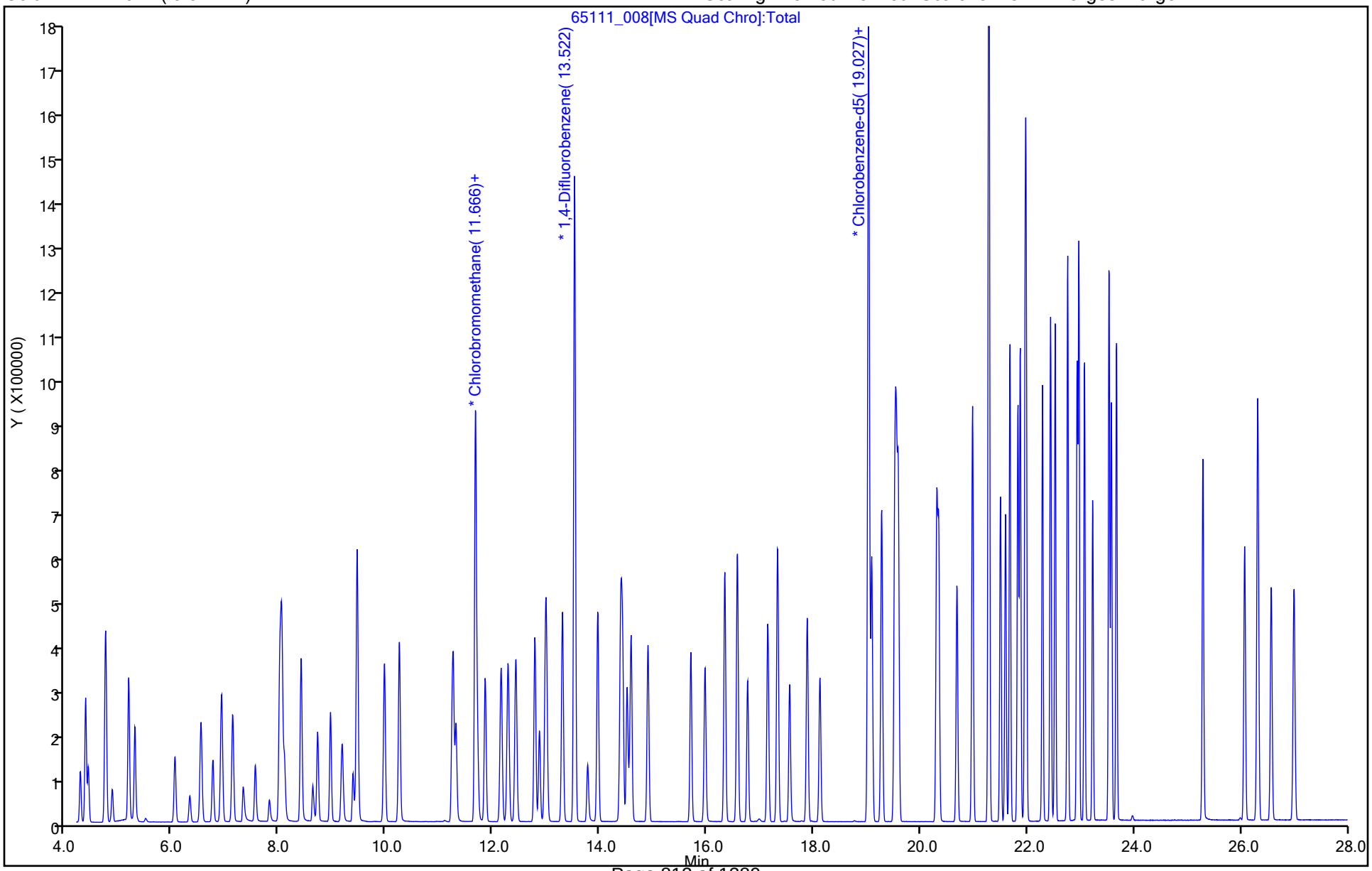
Report Date: 13-May-2025 06:43:33 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_008.D

Injection Date:	12-May-2025 20:12:08	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	8
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

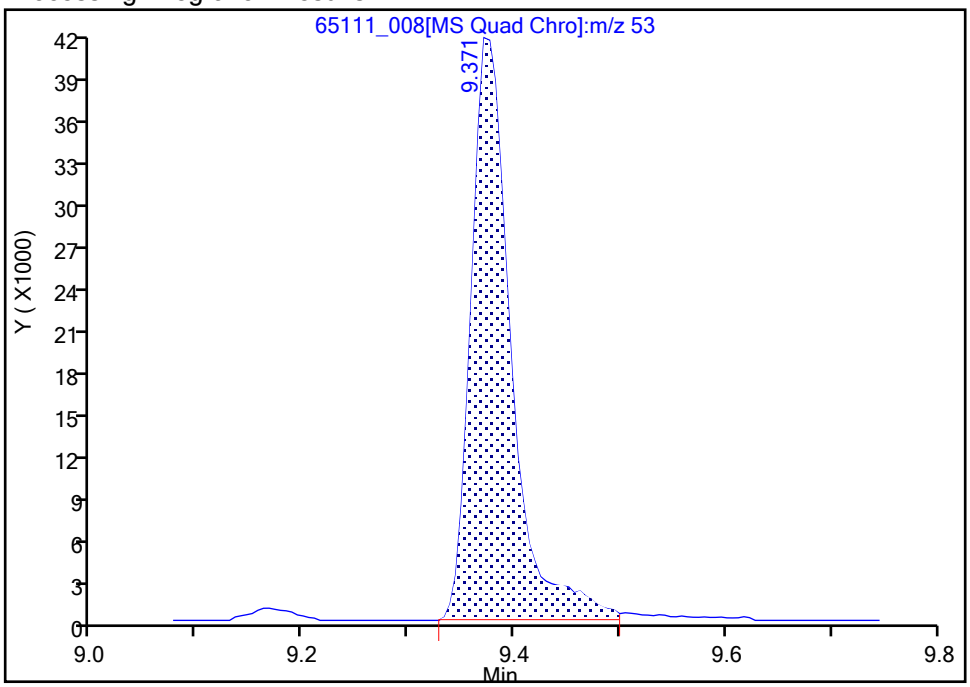
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_008.D				
Injection Date:	12-May-2025 20:12:08	Instrument ID:	CHAM.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	8	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

29 Acrylonitrile, CAS: 107-13-1

Signal: 1

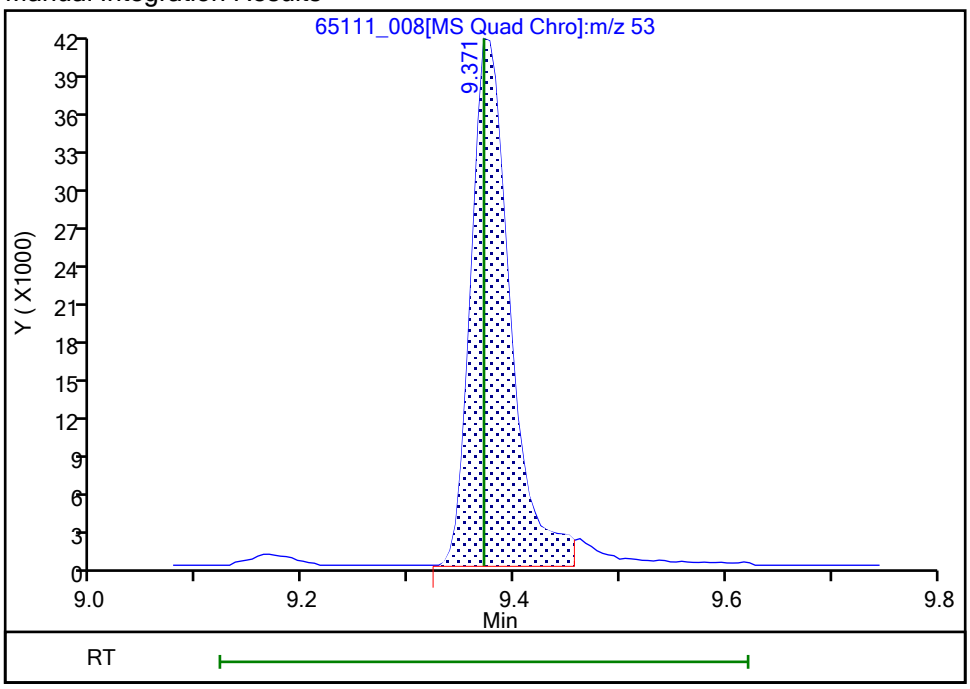
Processing Integration Results

RT: 9.37
Area: 110945
Amount: 5.275086
Amount Units: ppb v/v



Manual Integration Results

RT: 9.37
Area: 107880
Amount: 4.200030
Amount Units: ppb v/v



Reviewer: F7XK, 13-May-2025 10:18:24 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_009.D
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 12-May-2025 21:03:23 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065121-009
Operator ID: vtp Instrument ID: CHAM.i
Sublist: chrom-TO15_TO3_Master_Method_AM1*sub1

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 13-May-2025 06:43:37 Calib Date: 13-May-2025 01:19:20
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_014.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1714

First Level Reviewer: F7XK Date: 13-May-2025 09:36:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.267	4.267	0.000	97	191210	10.0	10.1	
2 Dichlorodifluoromethane	85	4.369	4.369	0.000	99	823378	10.0	10.0	
3 Chlorodifluoromethane	51	4.417	4.417	0.000	97	445096	10.0	10.1	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.743	4.743	0.000	98	862982	10.0	9.92	
5 Chloromethane	50	4.867	4.867	0.000	99	242713	10.0	9.98	
7 Butane	43	5.171	5.171	0.000	98	536432	10.0	10.1	
6 Vinyl chloride	62	5.177	5.177	0.000	82	396007	10.0	10.2	
8 Butadiene	54	5.289	5.289	0.000	91	298114	10.0	9.53	
9 Bromomethane	94	6.038	6.038	0.000	99	321566	10.0	9.89	
10 Chloroethane	64	6.322	6.322	0.000	99	172885	10.0	10.0	
12 2-Methylbutane	43	6.530	6.530	0.000	90	327274	10.0	9.91	
13 Vinyl bromide	106	6.750	6.750	0.000	98	321708	10.0	9.98	
14 Trichlorofluoromethane	101	6.915	6.915	0.000	99	858550	10.0	9.84	
15 Pentane	43	7.119	7.119	0.000	96	522102	10.0	10.1	
16 Ethanol	45	7.311	7.311	0.000	98	215316	15.0	14.9	
18 Ethyl ether	59	7.541	7.541	0.000	91	237441	10.0	10.2	
19 Acrolein	56	7.804	7.804	0.000	96	142313	11.7	11.7	
20 1,1-Dichloroethene	96	8.001	8.001	0.000	97	362150	10.0	9.95	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.039	8.039	0.000	95	784796	10.0	9.93	
22 Acetone	43	8.087	8.087	0.000	97	498214	10.0	10.1	
23 Isopropyl alcohol	45	8.387	8.387	0.000	100	584512	11.6	11.5	
24 Carbon disulfide	76	8.408	8.408	0.000	100	1086989	10.0	10.1	
25 Acetonitrile	41	8.617	8.617	0.000	99	253642	10.0	10.2	
26 3-Chloro-1-propene	41	8.713	8.713	0.000	98	420811	10.0	9.81	
27 Methylene Chloride	49	8.954	8.954	0.000	93	420983	10.0	10.0	
28 2-Methyl-2-propanol	59	9.162	9.162	0.000	100	728682	10.0	10.2	
29 Acrylonitrile	53	9.371	9.371	0.000	95	259564	10.0	10.0	M
31 Methyl tert-butyl ether	73	9.446	9.446	0.000	97	1052518	10.0	10.2	
30 trans-1,2-Dichloroethene	61	9.451	9.451	0.000	99	552193	10.0	10.2	
32 Hexane	57	9.965	9.965	0.000	92	575562	10.0	10.1	
S 35 1,2-Dichloroethene, Total	61				0		20.0	20.1	

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	10.238	10.238	0.000	100	699942	10.0	10.1	
34 Vinyl acetate	43	10.243	10.243	0.000	100	881829	11.4	11.4	
36 2-Butanone (MEK)	72	11.222	11.222	0.000	99	188513	10.0	10.2	
37 cis-1,2-Dichloroethene	96	11.254	11.254	0.000	94	416263	10.0	9.92	
38 Ethyl acetate	88	11.302	11.302	0.000	100	34388	10.0	10.1	
* 39 Chlorobromomethane	128	11.671	11.671	0.000	92	317123	10.0	10.0	
40 Tetrahydrofuran	42	11.698	11.698	0.000	91	400744	10.0	10.1	
41 Chloroform	83	11.848	11.848	0.000	96	814358	10.0	9.99	
42 1,1,1-Trichloroethane	97	12.148	12.148	0.000	99	790539	10.0	9.87	
43 Cyclohexane	84	12.281	12.281	0.000	99	508033	10.0	10.0	
44 Carbon tetrachloride	117	12.426	12.426	0.000	97	799270	10.0	10.2	
45 Benzene	78	12.779	12.779	0.000	96	1195496	10.0	9.93	
46 1,2-Dichloroethane	62	12.864	12.864	0.000	93	520493	10.0	10.0	
47 Isooctane	57	12.987	12.987	0.000	99	1866553	10.0	10.2	
48 n-Heptane	43	13.298	13.298	0.000	91	653512	10.0	10.2	
* 49 1,4-Difluorobenzene	114	13.522	13.522	0.000	95	1548873	10.0	10.0	
50 n-Butanol	56	13.763	13.763	0.000	88	259203	10.0	9.88	
51 Trichloroethene	95	13.956	13.956	0.000	96	533073	10.0	10.0	
53 1,2-Dichloropropane	63	14.421	14.421	0.000	92	455590	10.0	9.98	
54 Methyl methacrylate	69	14.501	14.501	0.000	99	425344	10.0	10.3	
55 1,4-Dioxane	88	14.550	14.550	0.000	94	234795	10.0	10.3	
57 Dibromomethane	174	14.582	14.582	0.000	94	441559	10.0	9.78	
58 Dichlorobromomethane	83	14.897	14.897	0.000	98	888710	10.0	10.0	
59 cis-1,3-Dichloropropene	75	15.700	15.700	0.000	92	772005	10.0	10.3	
61 4-Methyl-2-pentanone (MIBK)	43	15.962	15.962	0.000	96	845960	10.0	10.3	
62 Toluene	92	16.336	16.336	0.000	94	844731	10.0	10.2	
A 63 Toluene Range	1	16.344	(16.267-16.422)		0	3385182	NC	NC	
64 n-Octane	43	16.572	16.572	0.000	91	920900	10.0	10.3	
A 65 C8 Range	1	16.577	(16.492-16.663)		0	3652089	NC	NC	
66 trans-1,3-Dichloropropene	75	16.764	16.764	0.000	96	617121	10.0	10.3	
67 1,1,2-Trichloroethane	83	17.139	17.139	0.000	97	441841	10.0	10.1	
68 Tetrachloroethene	166	17.326	17.326	0.000	95	634413	10.0	10.0	
69 2-Hexanone	43	17.545	17.545	0.000	95	769480	10.0	10.6	
70 Chlorodibromomethane	129	17.883	17.883	0.000	98	861580	10.0	10.2	
71 Ethylene Dibromide	107	18.118	18.118	0.000	98	782567	10.0	10.2	
* 73 Chlorobenzene-d5	117	19.027	19.027	0.000	87	1443390	10.0	10.0	
74 Chlorobenzene	112	19.086	19.086	0.000	93	1110421	10.0	9.91	
75 Ethylbenzene	91	19.273	19.273	0.000	98	1882148	10.0	10.3	
76 m-Xylene & p-Xylene	106	19.536	19.536	0.000	0	1421075	20.0	20.7	
77 n-Nonane	57	19.584	19.584	0.000	88	939061	10.0	10.4	
S 80 Xylenes, Total	106				0		30.0	31.1	
78 o-Xylene	106	20.306	20.306	0.000	98	677732	10.0	10.4	
79 Styrene	104	20.338	20.338	0.000	99	1118663	10.0	10.9	
81 Bromoform	173	20.680	20.680	0.000	95	800808	10.0	10.4	
82 Isopropylbenzene	105	20.975	20.975	0.000	99	2049020	10.0	10.6	
83 1,1,2,2-Tetrachloroethane	83	21.494	21.494	0.000	98	1166288	10.0	10.3	
84 1,2,3-Trichloropropane	75	21.590	21.590	0.000	99	897020	10.0	10.2	
85 N-Propylbenzene	91	21.676	21.676	0.000	99	2549502	10.0	10.6	
86 2-Chlorotoluene	91	21.825	21.825	0.000	96	1623614	10.0	10.4	
87 4-Ethyltoluene	105	21.868	21.868	0.000	99	2025780	10.0	10.7	
88 1,3,5-Trimethylbenzene	105	21.959	21.959	0.000	92	1707485	10.0	10.6	
89 n-Decane	57	21.980	21.980	0.000	92	1165771	10.0	10.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.285	22.285	0.000	87	867212	10.0	11.1	
91 tert-Butylbenzene	119	22.435	22.435	0.000	92	1601055	10.0	10.5	
92 1,2,4-Trimethylbenzene	105	22.521	22.521	0.000	98	1724840	10.0	10.7	
93 sec-Butylbenzene	105	22.756	22.756	0.000	99	2531212	10.0	10.7	
94 1,3-Dichlorobenzene	146	22.933	22.933	0.000	99	1129177	10.0	10.6	
95 4-Isopropyltoluene	119	22.965	22.965	0.000	97	2047111	10.0	10.7	
96 1,4-Dichlorobenzene	146	23.072	23.072	0.000	94	1125828	10.0	10.6	
97 Benzyl chloride	91	23.222	23.222	0.000	98	1577003	10.0	11.4	
98 n-Butylbenzene	91	23.527	23.527	0.000	99	2017871	10.0	10.8	
99 1,2-Dichlorobenzene	146	23.575	23.575	0.000	95	1077822	10.0	10.5	
100 Undecane	57	23.666	23.666	0.000	95	1127413	10.0	9.83	
101 Dodecane	57	25.287	25.287	0.000	98	1005446	10.0	10.1	
102 1,2,4-Trichlorobenzene	180	26.068	26.068	0.000	94	718717	11.7	12.3	
103 Hexachlorobutadiene	225	26.314	26.314	0.000	97	633167	11.2	11.0	
104 Naphthalene	128	26.565	26.565	0.000	99	1692807	11.9	13.9	
105 1,2,3-Trichlorobenzene	180	26.993	26.993	0.000	95	654111	11.6	12.2	
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:

ATTO15CAL4w_00834	Amount Added: 200.00	Units: mL	
ATTO15AMISs_00004	Amount Added: 20.00	Units: mL	Run Reagent

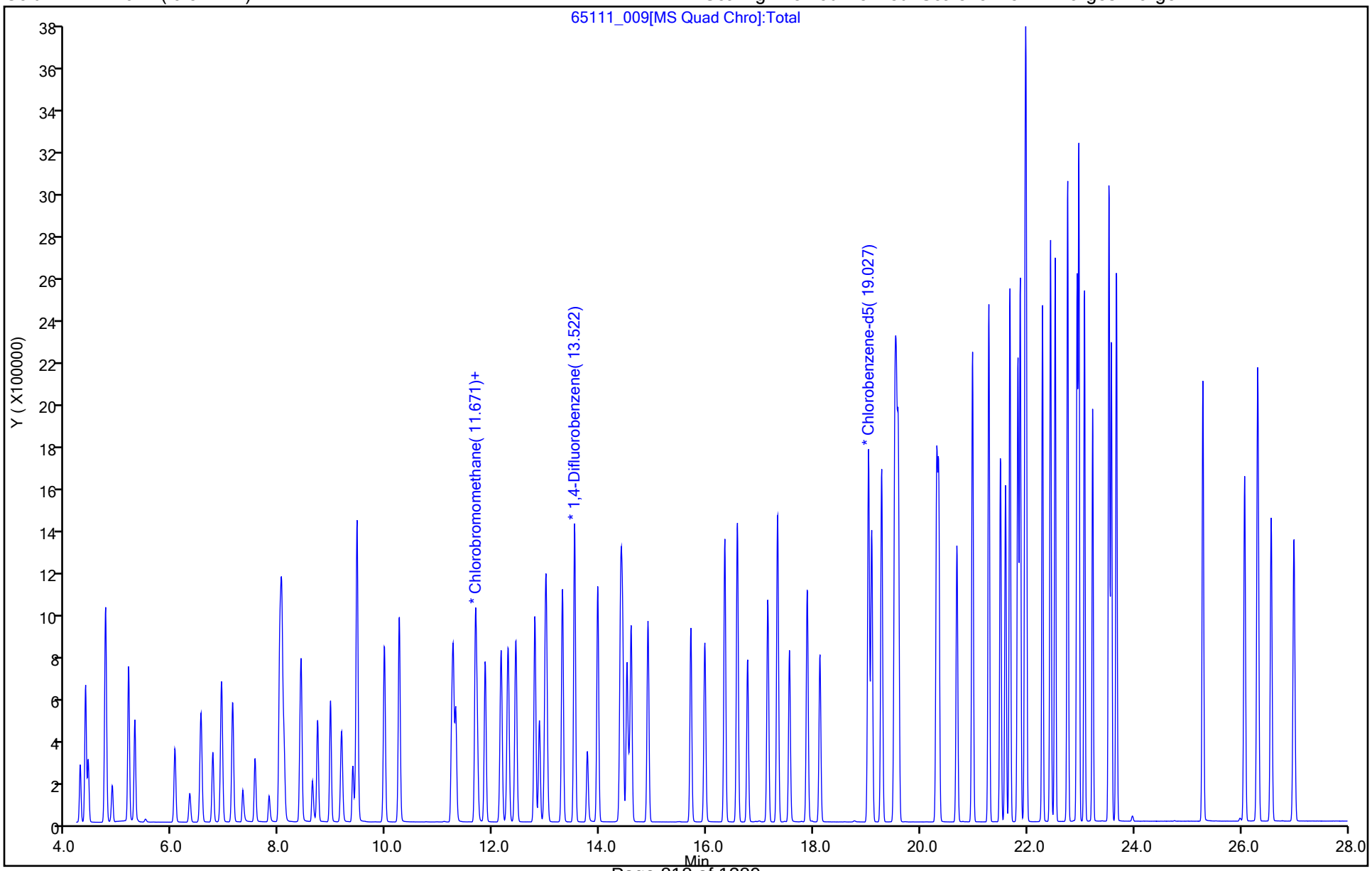
Report Date: 13-May-2025 06:43:37 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_009.D

Injection Date:	12-May-2025 21:03:23	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	icis			Worklist Smp#:	9
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

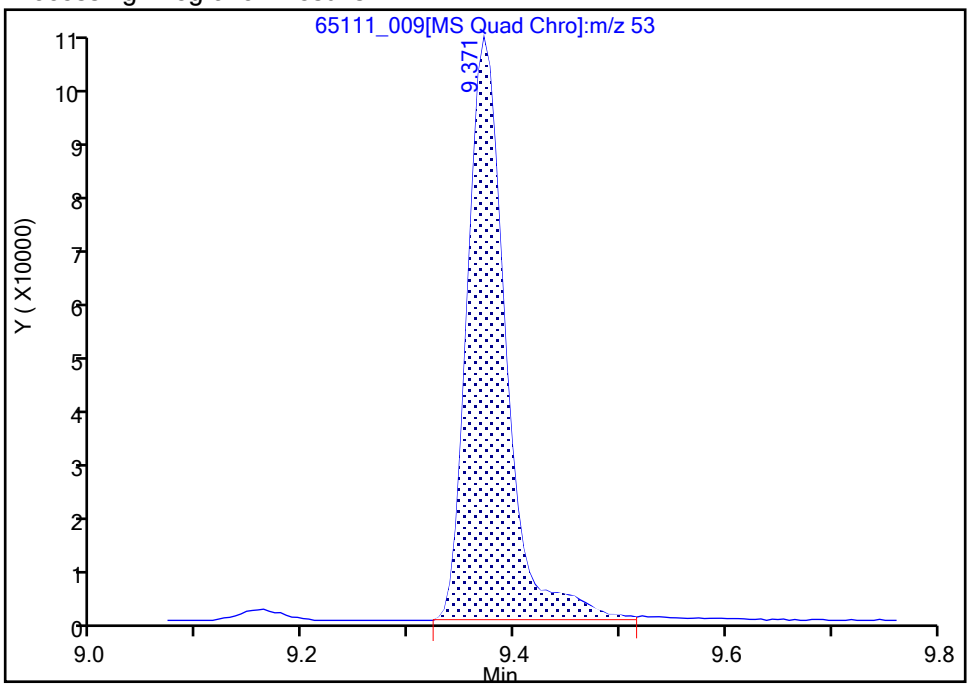
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Injection Date:	12-May-2025 21:03:23	Instrument ID:	CHAM.i		
Lims ID:	icis				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	9	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

29 Acrylonitrile, CAS: 107-13-1

Signal: 1

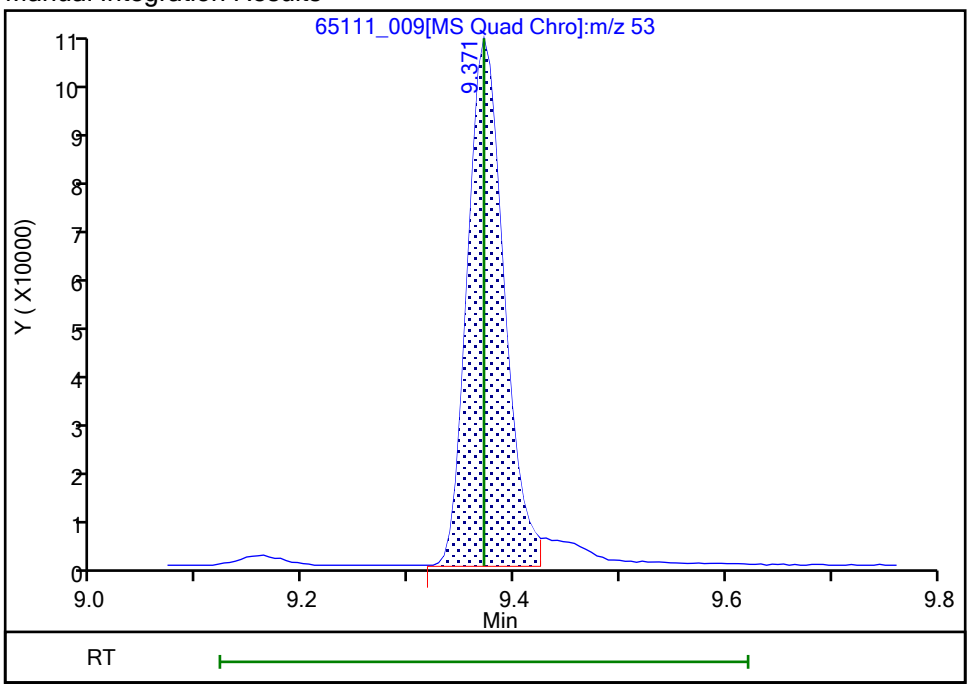
Processing Integration Results

RT: 9.37
Area: 275141
Amount: 12.771956
Amount Units: ppb v/v



Manual Integration Results

RT: 9.37
Area: 259564
Amount: 10.010687
Amount Units: ppb v/v



Reviewer: F7XK, 13-May-2025 09:31:54 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_010.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 12-May-2025 21:54:29 ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065121-010
Operator ID: vtp Instrument ID: CHAM.i
Sublist: chrom-TO15_TO3_Master_Method_AM1*sub1

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 13-May-2025 06:43:41 Calib Date: 13-May-2025 01:19:20
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_014.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1714

First Level Reviewer: F7XK Date: 13-May-2025 12:14:07

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	4.267	4.267	0.000	98	302704	15.0	15.4	
2 Dichlorodifluoromethane	85	4.369	4.369	0.000	99	1308468	15.0	15.4	
3 Chlorodifluoromethane	51	4.417	4.417	0.000	97	694631	15.0	15.1	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.743	4.743	0.000	96	1372060	15.0	15.2	
5 Chloromethane	50	4.867	4.867	0.001	99	381795	15.0	15.1	
7 Butane	43	5.171	5.171	0.000	98	828204	15.0	15.0	
6 Vinyl chloride	62	5.171	5.177	-0.006	82	613324	15.0	15.1	
8 Butadiene	54	5.289	5.289	0.000	91	459585	15.0	14.2	
9 Bromomethane	94	6.038	6.038	0.000	99	509252	15.0	15.1	
10 Chloroethane	64	6.316	6.322	-0.006	99	274792	15.0	15.3	
12 2-Methylbutane	43	6.530	6.530	0.000	91	516508	15.0	15.1	
13 Vinyl bromide	106	6.750	6.750	0.000	99	516149	15.0	15.4	
14 Trichlorofluoromethane	101	6.916	6.915	0.001	99	1363607	15.0	15.1	
15 Pentane	43	7.119	7.119	0.000	96	824168	15.0	15.4	
16 Ethanol	45	7.306	7.311	-0.005	98	307267	20.0	20.5	
18 Ethyl ether	59	7.541	7.541	0.000	91	376916	15.0	15.6	
19 Acrolein	56	7.804	7.804	0.000	96	228552	17.6	18.1	
20 1,1-Dichloroethene	96	8.002	8.001	0.001	97	576963	15.0	15.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.039	8.039	0.000	95	1238542	15.0	15.1	
22 Acetone	43	8.082	8.087	-0.005	97	781372	15.0	15.3	
23 Isopropyl alcohol	45	8.381	8.387	-0.006	100	1047193	17.4	19.8	
24 Carbon disulfide	76	8.408	8.408	0.000	99	1715478	15.0	15.3	
25 Acetonitrile	41	8.611	8.617	-0.006	99	400428	15.0	15.4	M
26 3-Chloro-1-propene	41	8.713	8.713	0.000	97	671157	15.0	15.1	
27 Methylene Chloride	49	8.954	8.954	0.000	92	653736	15.0	15.0	
28 2-Methyl-2-propanol	59	9.157	9.162	-0.005	100	1147590	15.0	15.4	
29 Acrylonitrile	53	9.371	9.371	0.000	95	419072	15.0	15.6	M
31 Methyl tert-butyl ether	73	9.446	9.446	0.000	97	1674378	15.0	15.7	
30 trans-1,2-Dichloroethene	61	9.451	9.451	0.000	98	868131	15.0	15.4	
32 Hexane	57	9.965	9.965	0.000	92	910596	15.0	15.4	
S 35 1,2-Dichloroethene, Total	61				0		30.0	30.5	

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	10.238	10.238	0.000	100	1103062	15.0	15.4	
34 Vinyl acetate	43	10.243	10.243	0.000	100	1411012	17.1	17.6	
36 2-Butanone (MEK)	72	11.222	11.222	0.000	99	300790	15.0	15.7	
37 cis-1,2-Dichloroethene	96	11.254	11.254	0.000	94	660142	15.0	15.2	
38 Ethyl acetate	88	11.297	11.302	-0.005	99	54374	15.0	15.4	
* 39 Chlorobromomethane	128	11.666	11.671	-0.005	91	329219	10.0	10.0	
40 Tetrahydrofuran	42	11.693	11.698	-0.005	91	625718	15.0	15.3	
41 Chloroform	83	11.848	11.848	0.000	96	1284793	15.0	15.2	
42 1,1,1-Trichloroethane	97	12.148	12.148	0.000	98	1253233	15.0	15.3	
43 Cyclohexane	84	12.281	12.281	0.000	99	809319	15.0	15.6	
44 Carbon tetrachloride	117	12.426	12.426	0.000	97	1275158	15.0	15.8	
45 Benzene	78	12.779	12.779	0.000	96	1883555	15.0	15.2	
46 1,2-Dichloroethane	62	12.864	12.864	0.000	93	816876	15.0	15.3	
47 Isooctane	57	12.988	12.987	0.001	99	2936343	15.0	15.6	
48 n-Heptane	43	13.298	13.298	0.000	91	1028350	15.0	15.7	
* 49 1,4-Difluorobenzene	114	13.522	13.522	0.000	95	1589392	10.0	10.0	
50 n-Butanol	56	13.763	13.763	0.000	87	419345	15.0	15.6	
51 Trichloroethene	95	13.956	13.956	0.000	96	847409	15.0	15.5	
53 1,2-Dichloropropane	63	14.421	14.421	0.000	92	720524	15.0	15.4	
54 Methyl methacrylate	69	14.501	14.501	0.000	99	682821	15.0	16.1	
55 1,4-Dioxane	88	14.544	14.550	-0.006	94	359840	15.0	15.4	
57 Dibromomethane	174	14.587	14.582	0.005	96	707247	15.0	15.3	
58 Dichlorobromomethane	83	14.897	14.897	0.000	98	1409403	15.0	15.5	
59 cis-1,3-Dichloropropene	75	15.700	15.700	0.000	92	1232673	15.0	16.0	
61 4-Methyl-2-pentanone (MIBK)	43	15.962	15.962	0.000	96	1347805	15.0	16.1	
62 Toluene	92	16.336	16.336	0.000	93	1329555	15.0	15.5	
A 63 Toluene Range	1	16.344	(16.267-16.422)		0	5349322	NC	NC	
64 n-Octane	43	16.572	16.572	0.000	91	1452645	15.0	15.8	
A 65 C8 Range	1	16.577	(16.492-16.663)		0	5768212	NC	NC	
66 trans-1,3-Dichloropropene	75	16.764	16.764	0.000	96	987873	15.0	16.1	
67 1,1,2-Trichloroethane	83	17.139	17.139	0.000	97	699805	15.0	15.3	
68 Tetrachloroethene	166	17.326	17.326	0.000	97	1007167	15.0	15.3	
69 2-Hexanone	43	17.546	17.545	0.001	95	1255131	15.0	16.6	
70 Chlorodibromomethane	129	17.877	17.883	-0.005	98	1382757	15.0	15.7	
71 Ethylene Dibromide	107	18.118	18.118	0.000	98	1251844	15.0	15.7	
* 73 Chlorobenzene-d5	117	19.027	19.027	0.000	87	1500274	10.0	10.0	
74 Chlorobenzene	112	19.086	19.086	0.000	93	1761551	15.0	15.1	
75 Ethylbenzene	91	19.273	19.273	0.000	98	2969574	15.0	15.6	
76 m-Xylene & p-Xylene	106	19.536	19.536	0.000	0	2250201	30.0	31.6	
77 n-Nonane	57	19.584	19.584	0.000	88	1482332	15.0	15.8	
S 80 Xylenes, Total	106				0		45.0	47.5	
78 o-Xylene	106	20.306	20.306	0.000	98	1078039	15.0	15.9	
79 Styrene	104	20.338	20.338	0.000	100	1791704	15.0	16.7	
81 Bromoform	173	20.680	20.680	0.000	95	1292873	15.0	16.1	
82 Isopropylbenzene	105	20.975	20.975	0.000	98	3224347	15.0	16.0	
83 1,1,2,2-Tetrachloroethane	83	21.499	21.494	0.005	98	1844559	15.0	15.7	
84 1,2,3-Trichloropropane	75	21.590	21.590	0.000	99	1407994	15.0	15.5	
85 N-Propylbenzene	91	21.676	21.676	0.000	99	4005358	15.0	16.0	
86 2-Chlorotoluene	91	21.825	21.825	0.000	95	2561182	15.0	15.8	M
87 4-Ethyltoluene	105	21.868	21.868	0.000	98	3208468	15.0	16.3	
88 1,3,5-Trimethylbenzene	105	21.959	21.959	0.000	93	2701039	15.0	16.1	
89 n-Decane	57	21.980	21.980	0.000	92	1879599	15.0	16.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.285	22.285	0.000	87	1411180	15.0	17.4	
91 tert-Butylbenzene	119	22.435	22.435	0.000	92	2546331	15.0	16.1	
92 1,2,4-Trimethylbenzene	105	22.521	22.521	0.000	98	2729217	15.0	16.3	
93 sec-Butylbenzene	105	22.756	22.756	0.000	98	3980508	15.0	16.2	
94 1,3-Dichlorobenzene	146	22.933	22.933	0.000	99	1793372	15.0	16.2	
95 4-Isopropyltoluene	119	22.965	22.965	0.000	97	3282786	15.0	16.6	
96 1,4-Dichlorobenzene	146	23.072	23.072	0.000	93	1784586	15.0	16.2	
97 Benzyl chloride	91	23.222	23.222	0.000	98	2593436	15.0	18.0	
98 n-Butylbenzene	91	23.527	23.527	0.000	99	3275899	15.0	16.9	
99 1,2-Dichlorobenzene	146	23.575	23.575	0.000	95	1730174	15.0	16.2	
100 Undecane	57	23.666	23.666	0.000	94	1858910	15.0	15.6	
101 Dodecane	57	25.287	25.287	0.000	98	1636077	15.0	15.8	
102 1,2,4-Trichlorobenzene	180	26.068	26.068	0.000	94	1206877	17.6	19.9	
103 Hexachlorobutadiene	225	26.314	26.314	0.000	97	1033395	16.9	17.3	
104 Naphthalene	128	26.565	26.565	0.000	99	2818675	17.8	22.2	
105 1,2,3-Trichlorobenzene	180	26.993	26.993	0.000	95	1075464	17.5	19.3	
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:

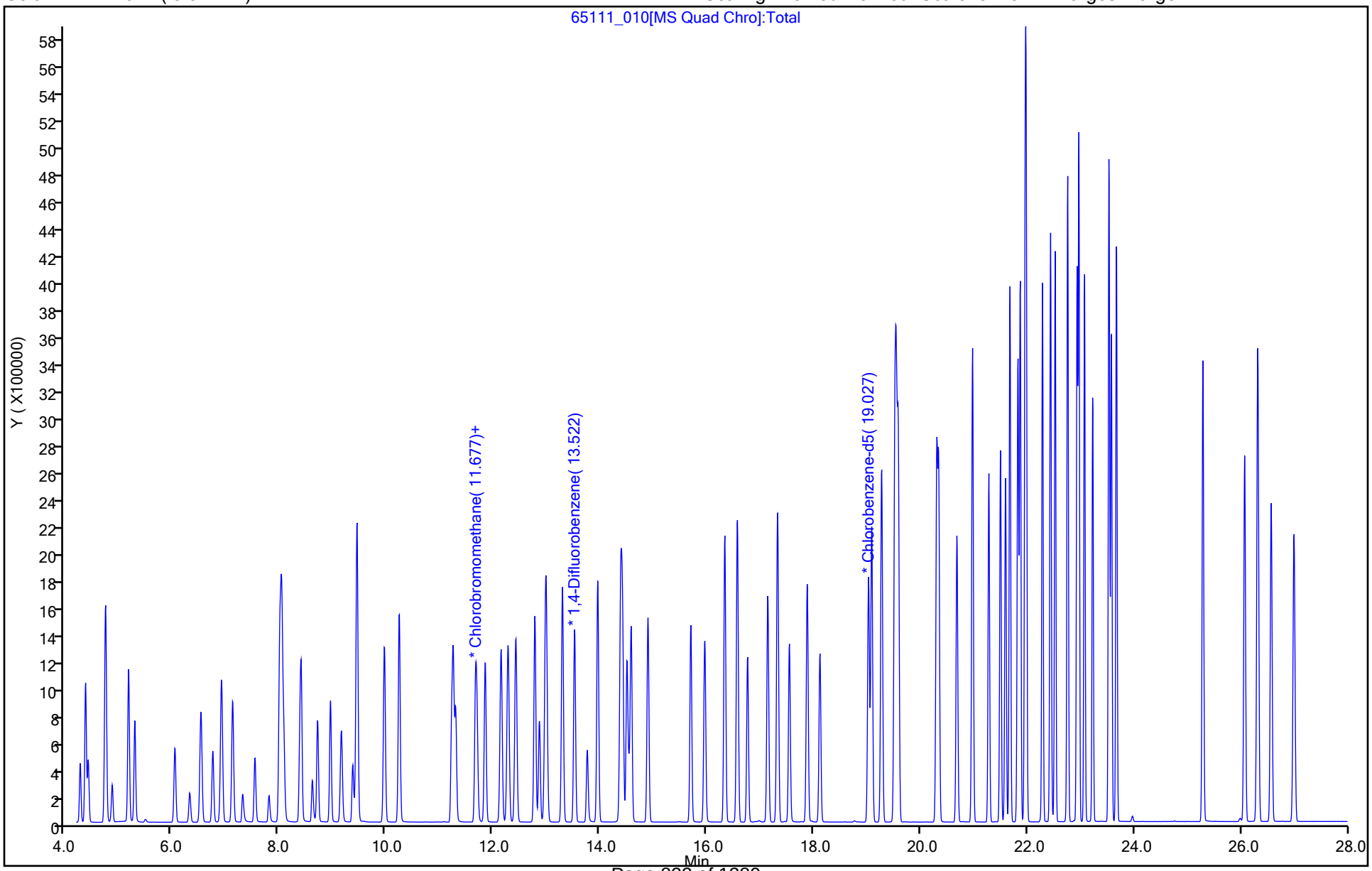
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ATTO15AMISs_00004	Amount Added: 20.00	Units: mL	Run Reagent

Report Date: 13-May-2025 06:43:41 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_010.D				
Injection Date:	12-May-2025 21:54:29	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	10
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

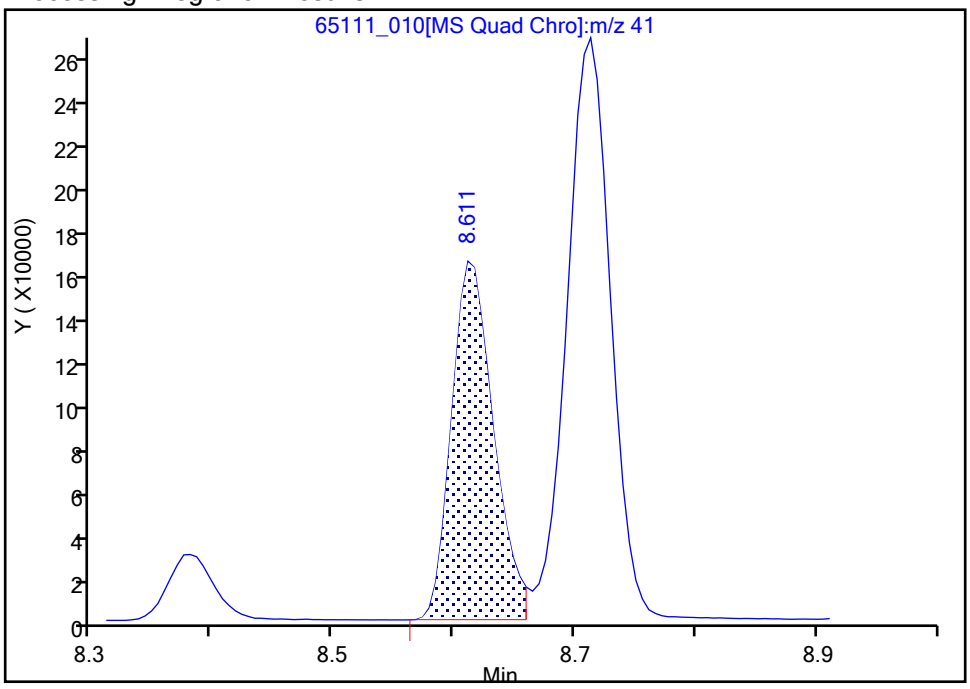
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Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

25 Acetonitrile, CAS: 75-05-8

Signal: 1

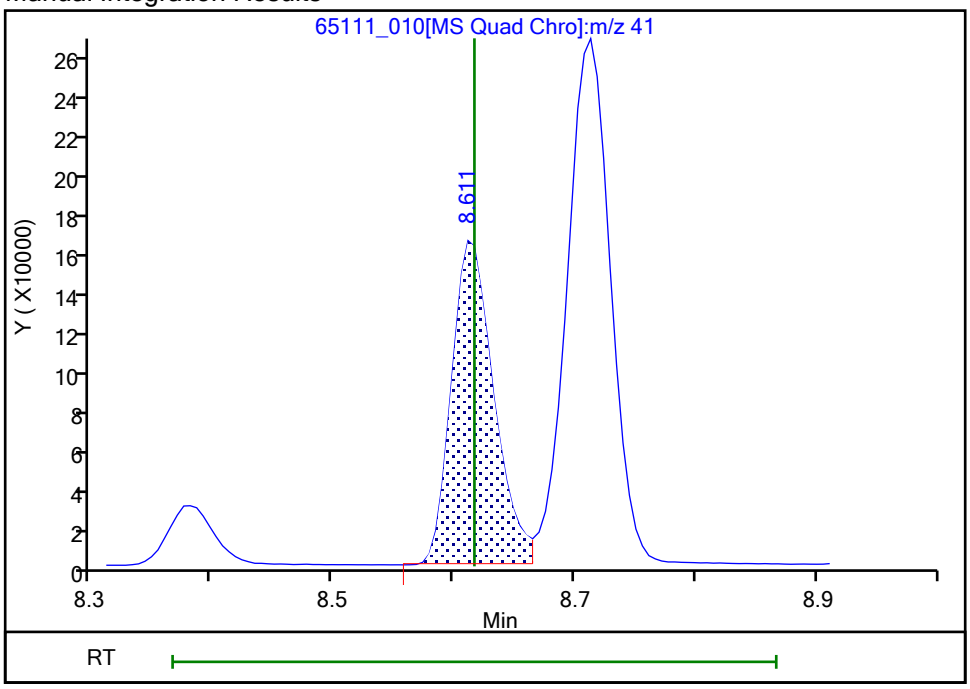
Processing Integration Results

RT: 8.61
Area: 396850
Amount: 15.894851
Amount Units: ppb v/v



Manual Integration Results

RT: 8.61
Area: 400428
Amount: 15.440090
Amount Units: ppb v/v



Reviewer: F7XK, 13-May-2025 10:20:54 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

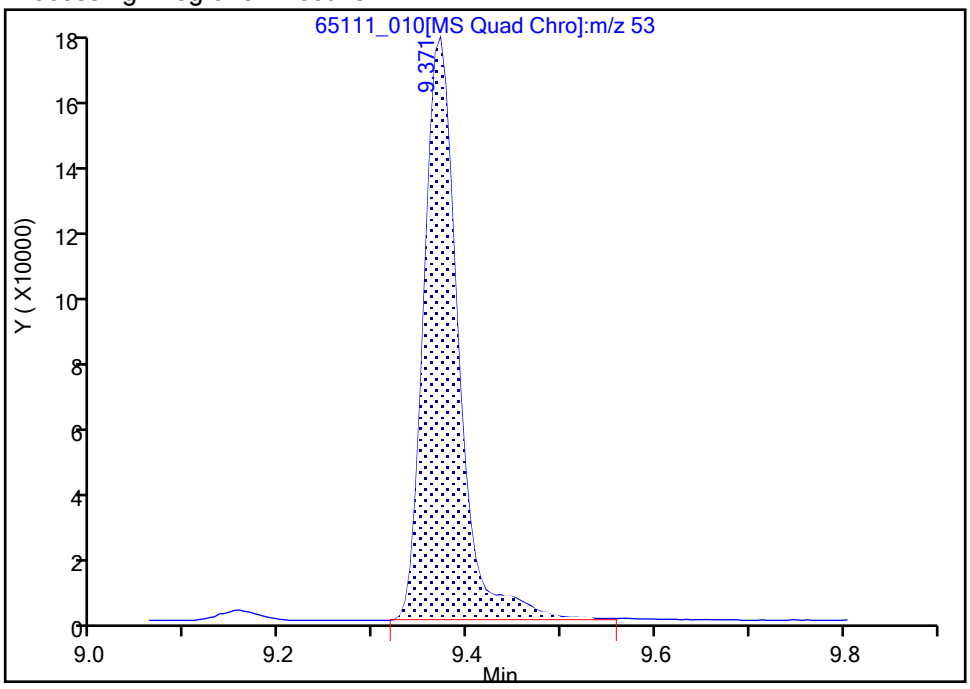
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_010.D				
Injection Date:	12-May-2025 21:54:29	Instrument ID:	CHAM.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

29 Acrylonitrile, CAS: 107-13-1

Signal: 1

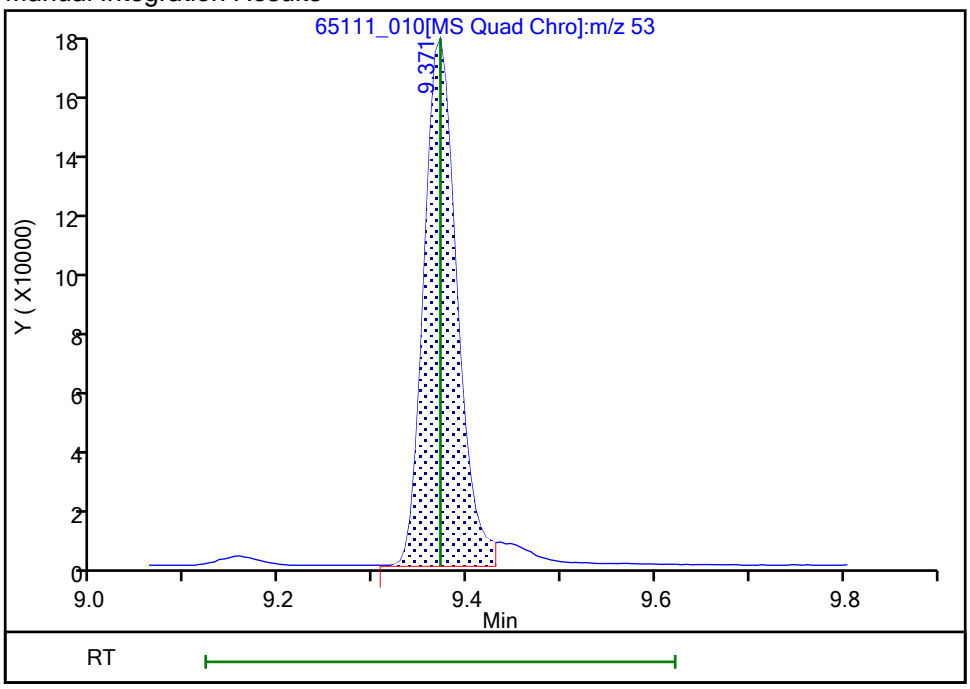
Processing Integration Results

RT: 9.37
Area: 439611
Amount: 19.010540
Amount Units: ppb v/v



Manual Integration Results

RT: 9.37
Area: 419072
Amount: 15.568648
Amount Units: ppb v/v



Reviewer: F7XK, 13-May-2025 10:21:23 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

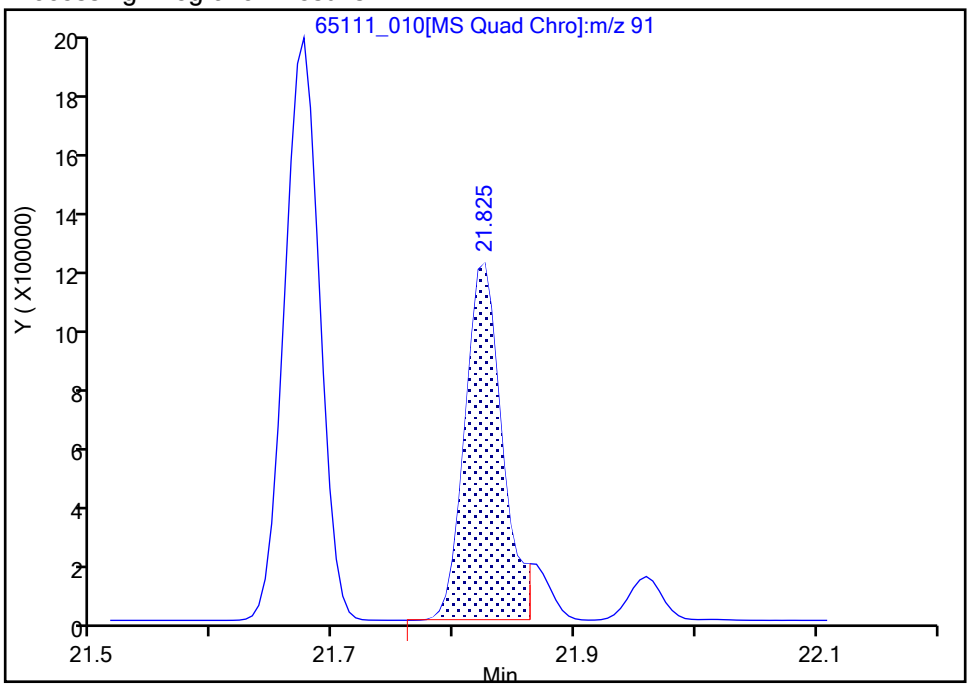
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_010.D				
Injection Date:	12-May-2025 21:54:29	Instrument ID:	CHAM.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

86 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

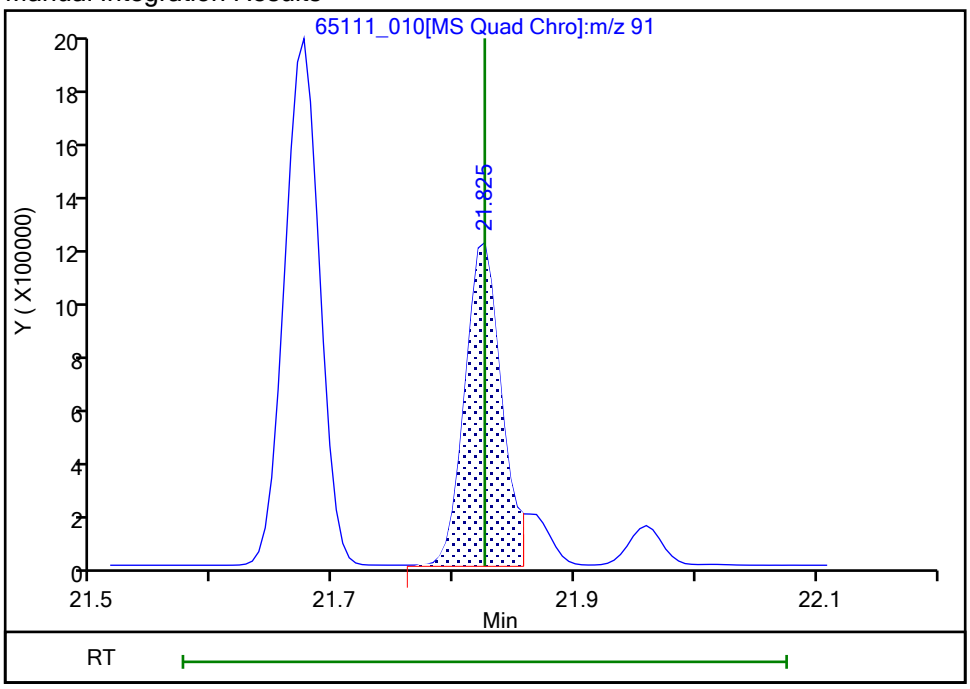
Processing Integration Results

RT: 21.83
Area: 2623101
Amount: 16.417758
Amount Units: ppb v/v



Manual Integration Results

RT: 21.83
Area: 2561182
Amount: 15.774349
Amount Units: ppb v/v



Reviewer: F7XK, 13-May-2025 10:22:12 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_013.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 13-May-2025 00:28:09 ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065121-013
Operator ID: vtp Instrument ID: CHAM.i
Sublist: chrom-TO15_TO3_Master_Method_AM1*sub1

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 13-May-2025 06:43:45 Calib Date: 13-May-2025 01:19:20
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_014.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1714

First Level Reviewer: F7XK Date: 13-May-2025 12:36:53

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	4.267	4.267	0.000	98	378846	20.0	19.6	
2 Dichlorodifluoromethane	85	4.369	4.369	0.000	99	1659058	20.0	19.8	
3 Chlorodifluoromethane	51	4.417	4.417	0.000	97	881749	20.0	19.5	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.743	4.743	0.000	97	1749990	20.0	19.7	
5 Chloromethane	50	4.867	4.867	0.001	99	482510	20.0	19.4	
7 Butane	43	5.171	5.171	0.000	98	1058806	20.0	19.6	
6 Vinyl chloride	62	5.177	5.177	0.000	83	786539	20.0	19.8	
8 Butadiene	54	5.289	5.289	0.000	91	590234	20.0	18.5	
9 Bromomethane	94	6.043	6.038	0.005	99	654171	20.0	19.7	
10 Chloroethane	64	6.322	6.322	0.000	100	351759	20.0	19.9	
12 2-Methylbutane	43	6.530	6.530	0.000	90	656559	20.0	19.5	
13 Vinyl bromide	106	6.750	6.750	0.000	99	664339	20.0	20.2	
14 Trichlorofluoromethane	101	6.915	6.915	0.000	99	1755056	20.0	19.7	
15 Pentane	43	7.119	7.119	0.000	96	1050219	20.0	20.0	
16 Ethanol	45	7.306	7.311	-0.005	98	588578	40.0	40.0	
18 Ethyl ether	59	7.541	7.541	0.000	91	487895	20.0	20.5	
19 Acrolein	56	7.804	7.804	0.000	96	292942	23.4	23.7	
20 1,1-Dichloroethene	96	8.001	8.001	0.000	97	749350	20.0	20.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.039	8.039	0.000	95	1601170	20.0	19.9	
22 Acetone	43	8.082	8.087	-0.005	97	993066	20.0	19.7	
23 Isopropyl alcohol	45	8.381	8.387	-0.006	100	1143984	23.2	22.0	
24 Carbon disulfide	76	8.408	8.408	0.000	99	2217741	20.0	20.1	
25 Acetonitrile	41	8.611	8.617	-0.006	99	513047	20.0	20.1	
26 3-Chloro-1-propene	41	8.713	8.713	0.000	97	853452	20.0	19.5	
27 Methylene Chloride	49	8.954	8.954	0.000	92	844229	20.0	19.7	
28 2-Methyl-2-propanol	59	9.157	9.162	-0.005	100	1455642	20.0	19.9	
29 Acrylonitrile	53	9.371	9.371	0.000	95	541531	20.0	20.5	M
31 Methyl tert-butyl ether	73	9.446	9.446	0.000	97	2160844	20.0	20.6	
30 trans-1,2-Dichloroethene	61	9.451	9.451	0.000	99	1128682	20.0	20.3	
32 Hexane	57	9.965	9.965	0.000	92	1178146	20.0	20.3	
S 35 1,2-Dichloroethene, Total	61				0		40.0	40.3	

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	10.238	10.238	0.000	100	1427243	20.0	20.2	
34 Vinyl acetate	43	10.243	10.243	0.000	100	1824757	22.8	23.1	
36 2-Butanone (MEK)	72	11.222	11.222	0.000	99	386001	20.0	20.5	
37 cis-1,2-Dichloroethene	96	11.254	11.254	0.000	96	856930	20.0	20.0	
38 Ethyl acetate	88	11.302	11.302	0.000	100	69492	20.0	20.0	
* 39 Chlorobromomethane	128	11.671	11.671	0.000	91	323687	10.0	10.0	
40 Tetrahydrofuran	42	11.693	11.698	-0.005	90	802667	20.0	19.9	
41 Chloroform	83	11.848	11.848	0.000	96	1667950	20.0	20.0	
42 1,1,1-Trichloroethane	97	12.148	12.148	0.000	98	1624873	20.0	20.0	
43 Cyclohexane	84	12.281	12.281	0.000	99	1048138	20.0	20.4	
44 Carbon tetrachloride	117	12.426	12.426	0.000	97	1660227	20.0	20.8	
45 Benzene	78	12.779	12.779	0.000	96	2435702	20.0	19.9	
46 1,2-Dichloroethane	62	12.864	12.864	0.000	93	1051000	20.0	19.9	
47 Isooctane	57	12.987	12.987	0.000	99	3791923	20.0	20.3	
48 n-Heptane	43	13.298	13.298	0.000	91	1329931	20.0	20.5	
* 49 1,4-Difluorobenzene	114	13.522	13.522	0.000	95	1573099	10.0	10.0	
50 n-Butanol	56	13.758	13.763	-0.005	87	536880	20.0	20.2	
51 Trichloroethene	95	13.956	13.956	0.000	96	1101006	20.0	20.4	
53 1,2-Dichloropropane	63	14.421	14.421	0.000	92	936199	20.0	20.2	
54 Methyl methacrylate	69	14.501	14.501	0.000	99	889571	20.0	21.2	
55 1,4-Dioxane	88	14.544	14.550	-0.006	94	452798	20.0	19.6	
57 Dibromomethane	174	14.587	14.582	0.005	95	920640	20.0	20.1	
58 Dichlorobromomethane	83	14.897	14.897	0.000	98	1835597	20.0	20.4	
59 cis-1,3-Dichloropropene	75	15.700	15.700	0.000	92	1603989	20.0	21.0	
61 4-Methyl-2-pentanone (MIBK)	43	15.957	15.962	-0.005	96	1750934	20.0	21.1	
62 Toluene	92	16.336	16.336	0.000	94	1736249	20.0	20.2	
A 63 Toluene Range	1	16.344	(16.267-16.422)		0	6960272	NC	NC	
64 n-Octane	43	16.572	16.572	0.000	91	1880294	20.0	20.7	
A 65 C8 Range	1	16.577	(16.492-16.663)		0	7486654	NC	NC	
66 trans-1,3-Dichloropropene	75	16.764	16.764	0.000	96	1287991	20.0	21.2	
67 1,1,2-Trichloroethane	83	17.139	17.139	0.000	97	913197	20.0	20.1	
68 Tetrachloroethene	166	17.326	17.326	0.000	95	1314953	20.0	20.1	
69 2-Hexanone	43	17.545	17.545	0.000	95	1630263	20.0	21.7	
70 Chlorodibromomethane	129	17.883	17.883	0.001	98	1813869	20.0	20.7	
71 Ethylene Dibromide	107	18.118	18.118	0.000	98	1633390	20.0	20.6	
* 73 Chlorobenzene-d5	117	19.027	19.027	0.000	87	1495646	10.0	10.0	
74 Chlorobenzene	112	19.086	19.086	0.000	93	2293290	20.0	19.8	
75 Ethylbenzene	91	19.273	19.273	0.000	98	3855953	20.0	20.3	
76 m-Xylene & p-Xylene	106	19.541	19.536	0.005	0	2944888	40.0	41.5	
77 n-Nonane	57	19.584	19.584	0.000	88	1929568	20.0	20.7	
S 80 Xylenes, Total	106				0		60.0	62.4	
78 o-Xylene	106	20.306	20.306	0.000	99	1409838	20.0	20.9	
79 Styrene	104	20.343	20.338	0.005	99	2349665	20.0	22.0	
81 Bromoform	173	20.680	20.680	0.000	95	1700093	20.0	21.3	
82 Isopropylbenzene	105	20.975	20.975	0.000	98	4201466	20.0	20.9	
83 1,1,2,2-Tetrachloroethane	83	21.499	21.494	0.005	98	2407660	20.0	20.6	
84 1,2,3-Trichloropropane	75	21.590	21.590	0.000	99	1834537	20.0	20.2	
85 N-Propylbenzene	91	21.676	21.676	0.000	99	5191162	20.0	20.8	
86 2-Chlorotoluene	91	21.825	21.825	0.000	96	3329672	20.0	20.6	
87 4-Ethyltoluene	105	21.868	21.868	0.000	98	4142346	20.0	21.1	
88 1,3,5-Trimethylbenzene	105	21.959	21.959	0.000	93	3530323	20.0	21.2	
89 n-Decane	57	21.980	21.980	0.000	92	2441324	20.0	21.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.285	22.285	0.000	89	1853457	20.0	23.0	
91 tert-Butylbenzene	119	22.435	22.435	0.000	92	3298443	20.0	20.9	
92 1,2,4-Trimethylbenzene	105	22.521	22.521	0.000	98	3551016	20.0	21.3	
93 sec-Butylbenzene	105	22.756	22.756	0.000	98	5146862	20.0	21.0	
94 1,3-Dichlorobenzene	146	22.933	22.933	0.000	99	2349040	20.0	21.2	
95 4-Isopropyltoluene	119	22.965	22.965	0.000	97	4240583	20.0	21.5	
96 1,4-Dichlorobenzene	146	23.072	23.072	0.000	93	2335071	20.0	21.3	
97 Benzyl chloride	91	23.222	23.222	0.000	99	3417158	20.0	23.8	
98 n-Butylbenzene	91	23.532	23.527	0.005	99	4240623	20.0	22.0	
99 1,2-Dichlorobenzene	146	23.575	23.575	0.000	95	2258624	20.0	21.2	
100 Undecane	57	23.671	23.666	0.005	94	2417488	20.0	20.3	
101 Dodecane	57	25.287	25.287	0.000	98	2024835	20.0	19.6	
102 1,2,4-Trichlorobenzene	180	26.068	26.068	0.000	94	1564219	23.5	25.8	
103 Hexachlorobutadiene	225	26.314	26.314	0.000	97	1325521	22.5	22.2	
104 Naphthalene	128	26.565	26.565	0.000	99	3650559	23.8	28.9	
105 1,2,3-Trichlorobenzene	180	26.993	26.993	0.000	95	1371088	23.3	24.7	
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:

ATTO15CAL6w_00243	Amount Added: 200.00	Units: mL	
ATTO15AMISs_00004	Amount Added: 20.00	Units: mL	Run Reagent

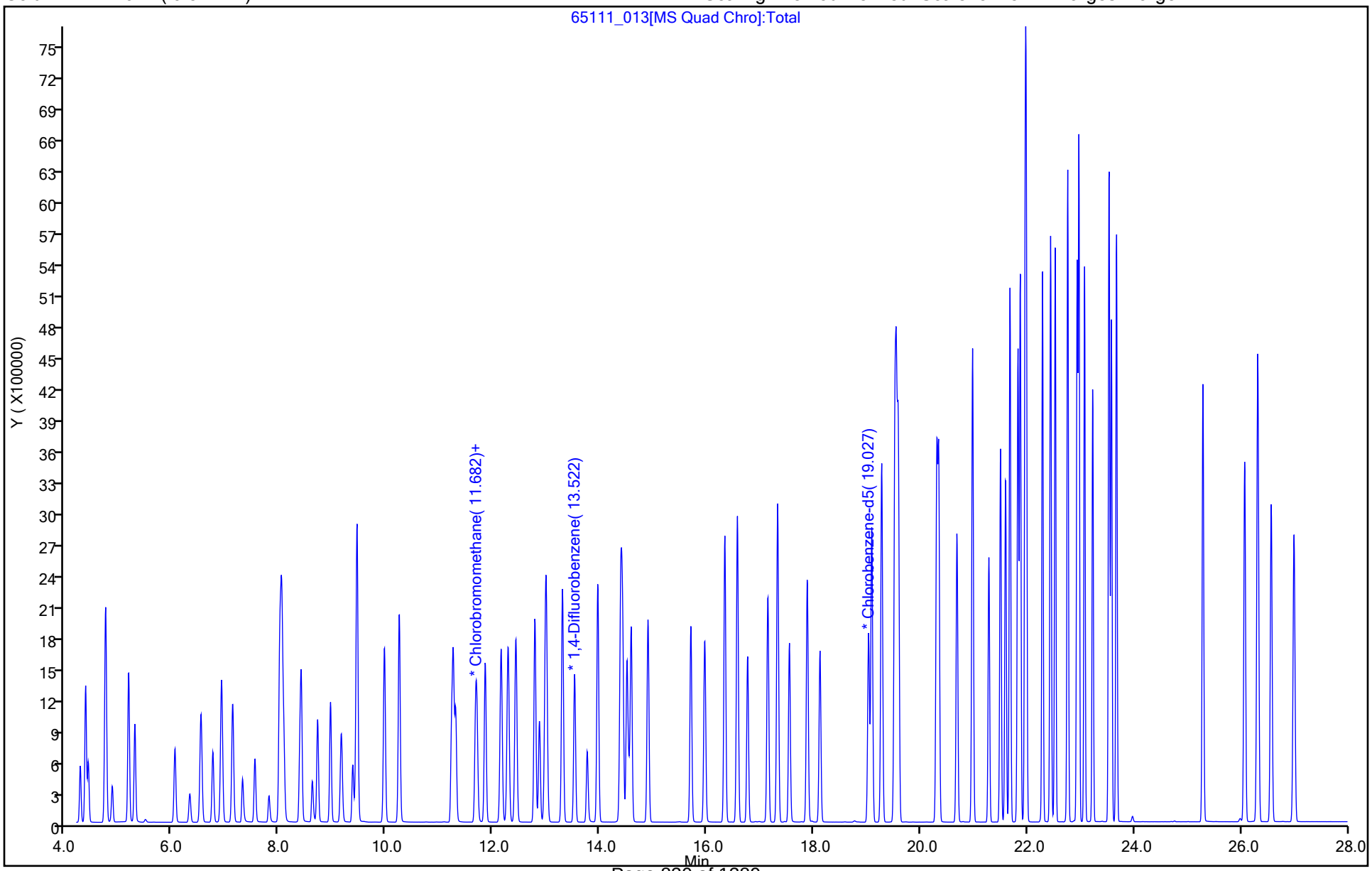
Report Date: 13-May-2025 06:43:45 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_013.D

Injection Date:	13-May-2025 00:28:09	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	13
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

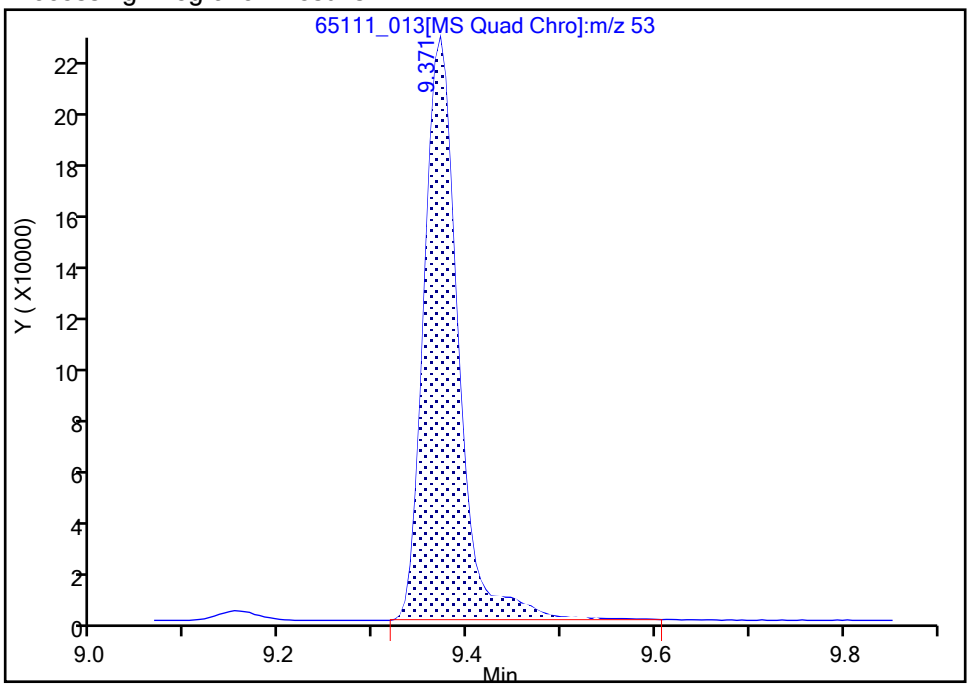
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Injection Date:	13-May-2025 00:28:09	Instrument ID:	CHAM.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

29 Acrylonitrile, CAS: 107-13-1

Signal: 1

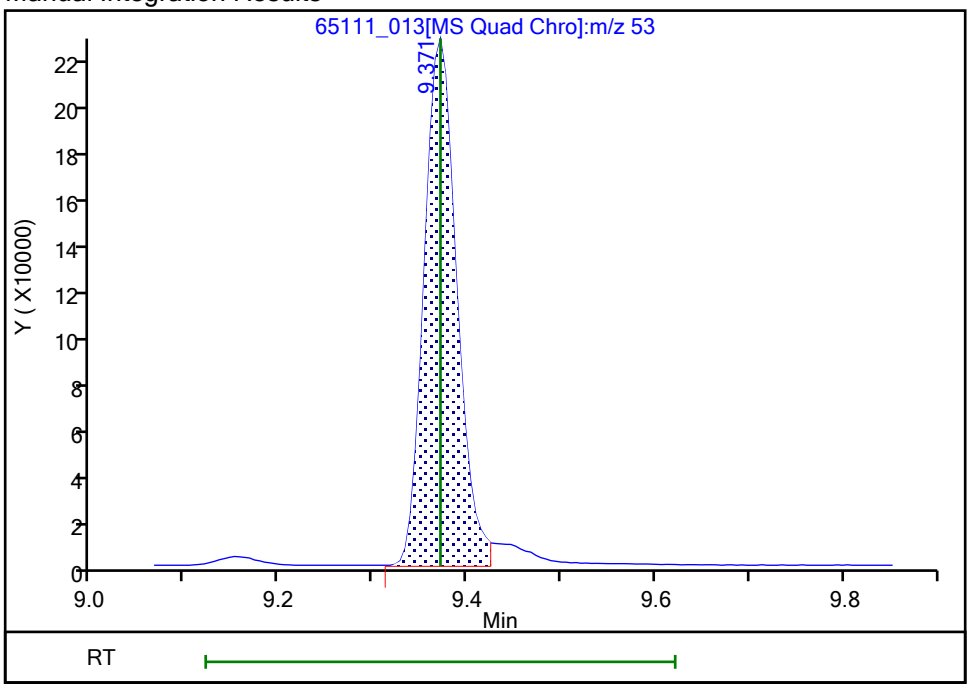
Processing Integration Results

RT: 9.37
Area: 571181
Amount: 21.439413
Amount Units: ppb v/v



Manual Integration Results

RT: 9.37
Area: 541531
Amount: 20.461865
Amount Units: ppb v/v



Reviewer: F7XK, 13-May-2025 12:21:08 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_014.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 13-May-2025 01:19:20 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065121-014
Operator ID: vtp Instrument ID: CHAM.i
Sublist: chrom-TO15_TO3_Master_Method_AM1*sub1

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 13-May-2025 06:43:49 Calib Date: 13-May-2025 01:19:20
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_014.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1714

First Level Reviewer: F7XK Date: 13-May-2025 13:14:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.268	4.267	0.001	98	827542	40.0	40.2	
2 Dichlorodifluoromethane	85	4.369	4.369	0.000	99	3519147	40.0	39.5	
3 Chlorodifluoromethane	51	4.417	4.417	0.000	97	1884512	40.0	39.3	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.738	4.743	-0.005	96	3696499	40.0	39.2	
5 Chloromethane	50	4.867	4.867	0.001	99	1019185	40.0	38.6	
7 Butane	43	5.172	5.171	0.001	98	2144785	40.0	37.3	
6 Vinyl chloride	62	5.177	5.177	0.000	83	1601083	40.0	37.8	
8 Butadiene	54	5.289	5.289	0.000	91	1202911	40.0	35.4	
9 Bromomethane	94	6.044	6.038	0.006	99	1381718	40.0	39.2	
10 Chloroethane	64	6.316	6.322	-0.006	100	742127	40.0	39.5	
12 2-Methylbutane	43	6.530	6.530	0.000	91	1399470	40.0	39.1	
13 Vinyl bromide	106	6.750	6.750	0.000	99	1405468	40.0	40.2	
14 Trichlorofluoromethane	101	6.916	6.915	0.001	99	3691919	40.0	39.0	
15 Pentane	43	7.124	7.119	0.005	95	2227955	40.0	39.9	
16 Ethanol	45	7.306	7.311	-0.005	98	1610387	100.0	102.9	
18 Ethyl ether	59	7.536	7.541	-0.005	91	1034387	40.0	40.9	
19 Acrolein	56	7.798	7.804	-0.006	96	643105	46.8	48.8	
20 1,1-Dichloroethene	96	8.002	8.001	0.001	98	1581323	40.0	40.0	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.039	8.039	0.000	95	3357937	40.0	39.2	
22 Acetone	43	8.077	8.087	-0.010	97	2114257	40.0	39.5	
23 Isopropyl alcohol	45	8.376	8.387	-0.011	100	2460263	46.4	44.6	
24 Carbon disulfide	76	8.408	8.408	0.000	99	4589618	40.0	39.2	
25 Acetonitrile	41	8.612	8.617	-0.005	99	1084344	40.0	40.0	
26 3-Chloro-1-propene	41	8.713	8.713	0.000	97	1801846	40.0	38.7	
27 Methylene Chloride	49	8.954	8.954	0.000	92	1750532	40.0	38.5	
28 2-Methyl-2-propanol	59	9.152	9.162	-0.010	100	3078050	40.0	39.6	
29 Acrylonitrile	53	9.371	9.371	0.000	94	1150847	40.0	40.9	
31 Methyl tert-butyl ether	73	9.446	9.446	0.000	97	4508834	40.0	40.3	
30 trans-1,2-Dichloroethene	61	9.451	9.451	0.000	98	2332698	40.0	39.5	
32 Hexane	57	9.965	9.965	0.000	92	2449460	40.0	39.7	
S 35 1,2-Dichloroethene, Total	61				0		80.0	78.8	

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	10.238	10.238	0.000	100	2948806	40.0	39.3	
34 Vinyl acetate	43	10.243	10.243	0.000	100	3848260	45.6	45.8	
36 2-Butanone (MEK)	72	11.222	11.222	0.000	98	828787	40.0	41.5	
37 cis-1,2-Dichloroethene	96	11.254	11.254	0.000	95	1789271	40.0	39.3	
38 Ethyl acetate	88	11.297	11.302	-0.005	99	148874	40.0	40.3	
* 39 Chlorobromomethane	128	11.666	11.671	-0.005	91	344135	10.0	10.0	
40 Tetrahydrofuran	42	11.693	11.698	-0.005	90	1685435	40.0	39.9	
41 Chloroform	83	11.854	11.848	0.006	96	3444148	40.0	38.9	
42 1,1,1-Trichloroethane	97	12.148	12.148	0.000	98	3393005	40.0	39.8	
43 Cyclohexane	84	12.281	12.281	0.000	99	2197048	40.0	40.8	
44 Carbon tetrachloride	117	12.426	12.426	0.000	98	3461573	40.0	41.5	
45 Benzene	78	12.779	12.779	0.000	96	5012493	40.0	39.2	
46 1,2-Dichloroethane	62	12.865	12.864	0.001	93	2173912	40.0	39.3	
47 Isooctane	57	12.988	12.987	0.001	99	7759723	40.0	39.8	
48 n-Heptane	43	13.298	13.298	0.000	91	2764647	40.0	40.7	
* 49 1,4-Difluorobenzene	114	13.523	13.522	0.001	95	1647195	10.0	10.0	
50 n-Butanol	56	13.758	13.763	-0.005	87	1184292	40.0	42.5	
51 Trichloroethene	95	13.956	13.956	0.000	96	2307558	40.0	40.8	
53 1,2-Dichloropropane	63	14.421	14.421	0.000	93	1947762	40.0	40.1	
54 Methyl methacrylate	69	14.502	14.501	0.001	99	1884708	40.0	42.9	
55 1,4-Dioxane	88	14.539	14.550	-0.011	93	952614	40.0	39.3	
57 Dibromomethane	174	14.582	14.582	0.000	96	1929405	40.0	40.2	
58 Dichlorobromomethane	83	14.898	14.897	0.001	98	3823034	40.0	40.6	
59 cis-1,3-Dichloropropene	75	15.700	15.700	0.000	92	3372548	40.0	42.1	
61 4-Methyl-2-pentanone (MIBK)	43	15.957	15.962	-0.005	96	3636007	40.0	41.8	
62 Toluene	92	16.337	16.336	0.001	94	3604038	40.0	40.3	
A 63 Toluene Range	1	16.344	(16.267-16.422)		0	14321601	NC	NC	
64 n-Octane	43	16.572	16.572	0.000	90	3853800	40.0	40.5	
A 65 C8 Range	1	16.577	(16.492-16.663)		0	15482531	NC	NC	
66 trans-1,3-Dichloropropene	75	16.765	16.764	0.001	96	2703228	40.0	42.5	
67 1,1,2-Trichloroethane	83	17.139	17.139	0.000	96	1905588	40.0	40.1	
68 Tetrachloroethene	166	17.326	17.326	0.000	96	2742850	40.0	40.1	
69 2-Hexanone	43	17.546	17.545	0.001	96	3446223	40.0	43.9	
70 Chlorodibromomethane	129	17.883	17.883	0.001	98	3802120	40.0	41.5	
71 Ethylene Dibromide	107	18.118	18.118	0.000	98	3401771	40.0	41.1	
* 73 Chlorobenzene-d5	117	19.028	19.027	0.001	88	1560966	10.0	10.0	
74 Chlorobenzene	112	19.086	19.086	0.000	93	4713296	40.0	38.9	
75 Ethylbenzene	91	19.274	19.273	0.001	98	7825804	40.0	39.5	
76 m-Xylene & p-Xylene	106	19.536	19.536	0.000	0	6035272	80.0	81.4	
77 n-Nonane	57	19.584	19.584	0.000	87	3944581	40.0	40.5	
S 80 Xylenes, Total	106				0		120.0	123.0	
78 o-Xylene	106	20.306	20.306	0.000	99	2928756	40.0	41.6	
79 Styrene	104	20.344	20.338	0.006	99	4894188	40.0	44.0	
81 Bromoform	173	20.681	20.680	0.001	94	3568762	40.0	42.8	
82 Isopropylbenzene	105	20.975	20.975	0.000	97	8403327	40.0	40.1	
83 1,1,2,2-Tetrachloroethane	83	21.499	21.494	0.005	98	4908532	40.0	40.3	
84 1,2,3-Trichloropropane	75	21.590	21.590	0.000	99	3782250	40.0	39.9	
85 N-Propylbenzene	91	21.676	21.676	0.000	99	10117554	40.0	38.9	
86 2-Chlorotoluene	91	21.825	21.825	0.000	96	6883266	40.0	40.7	
87 4-Ethyltoluene	105	21.868	21.868	0.000	98	8250333	40.0	40.3	
88 1,3,5-Trimethylbenzene	105	21.959	21.959	0.000	93	6965670	40.0	40.0	
89 n-Decane	57	21.981	21.980	0.001	93	4911595	40.0	40.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.286	22.285	0.001	86	3839900	40.0	45.6	
91 tert-Butylbenzene	119	22.435	22.435	0.000	92	6634426	40.0	40.3	
92 1,2,4-Trimethylbenzene	105	22.521	22.521	0.000	98	7039890	40.0	40.5	
93 sec-Butylbenzene	105	22.756	22.756	0.000	97	9910970	40.0	38.7	
94 1,3-Dichlorobenzene	146	22.933	22.933	0.000	99	4745838	40.0	41.1	
95 4-Isopropyltoluene	119	22.965	22.965	0.000	96	8312920	40.0	40.3	
96 1,4-Dichlorobenzene	146	23.072	23.072	0.000	92	4779981	40.0	41.8	
97 Benzyl chloride	91	23.222	23.222	0.000	99	6926778	40.0	46.3	
98 n-Butylbenzene	91	23.532	23.527	0.005	99	8353404	40.0	41.5	
99 1,2-Dichlorobenzene	146	23.575	23.575	0.000	94	4567850	40.0	41.1	
100 Undecane	57	23.671	23.666	0.005	93	5129969	40.0	41.4	
101 Dodecane	57	25.287	25.287	0.000	98	4612452	40.0	42.7	
102 1,2,4-Trichlorobenzene	180	26.068	26.068	0.000	94	3530873	46.9	55.8	
103 Hexachlorobutadiene	225	26.314	26.314	0.000	97	2913436	45.0	46.8	
104 Naphthalene	128	26.565	26.565	0.000	98	8023329	47.6	60.8	
105 1,2,3-Trichlorobenzene	180	26.993	26.993	0.000	95	3104993	46.6	53.5	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL7w_00153	Amount Added: 200.00	Units: mL	
ATTO15AMISs_00004	Amount Added: 20.00	Units: mL	Run Reagent

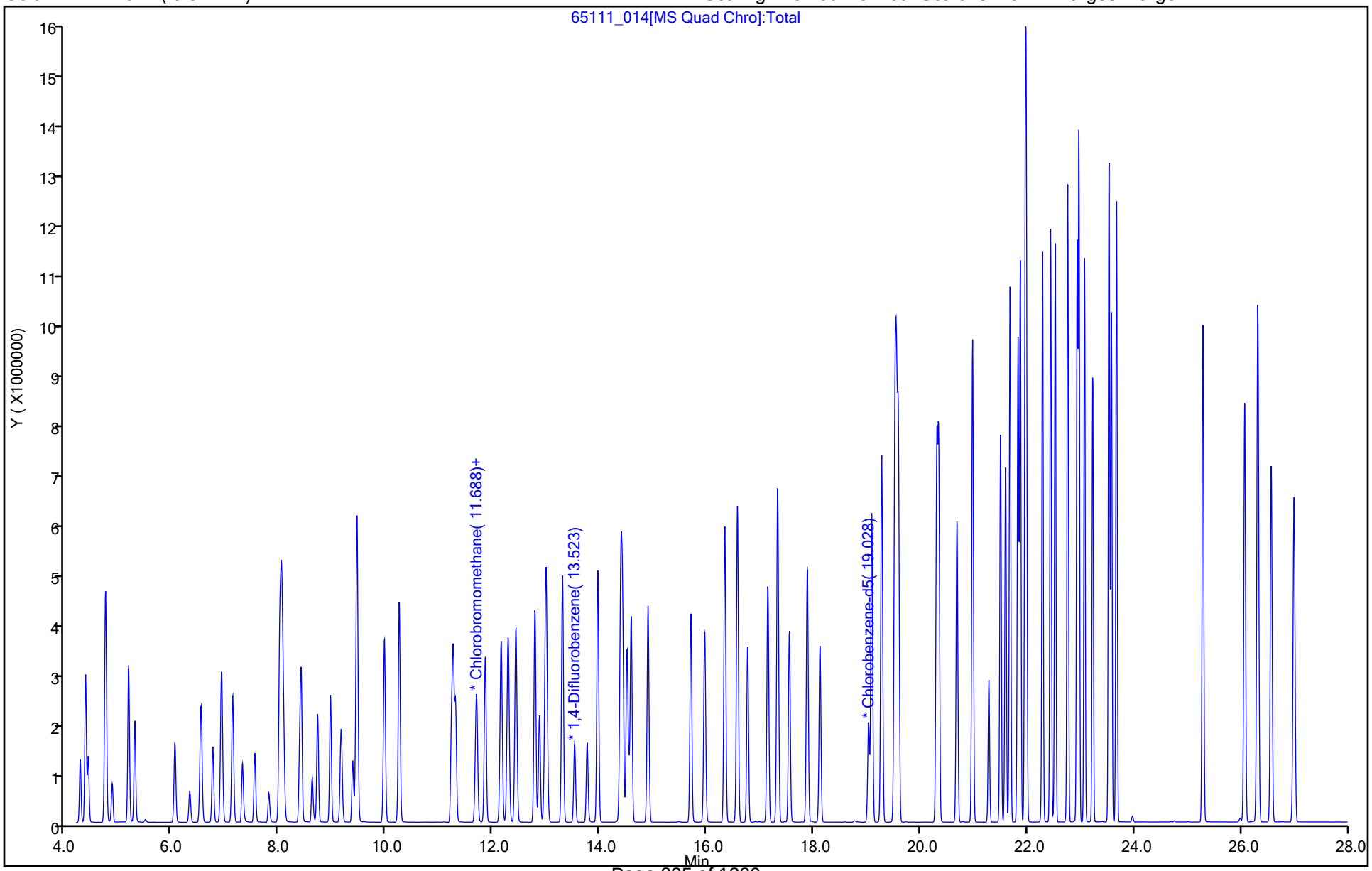
Report Date: 13-May-2025 06:43:49 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_014.D

Injection Date:	13-May-2025 01:19:20	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	14
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	TO15_TO3_Master_Method_AM1	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

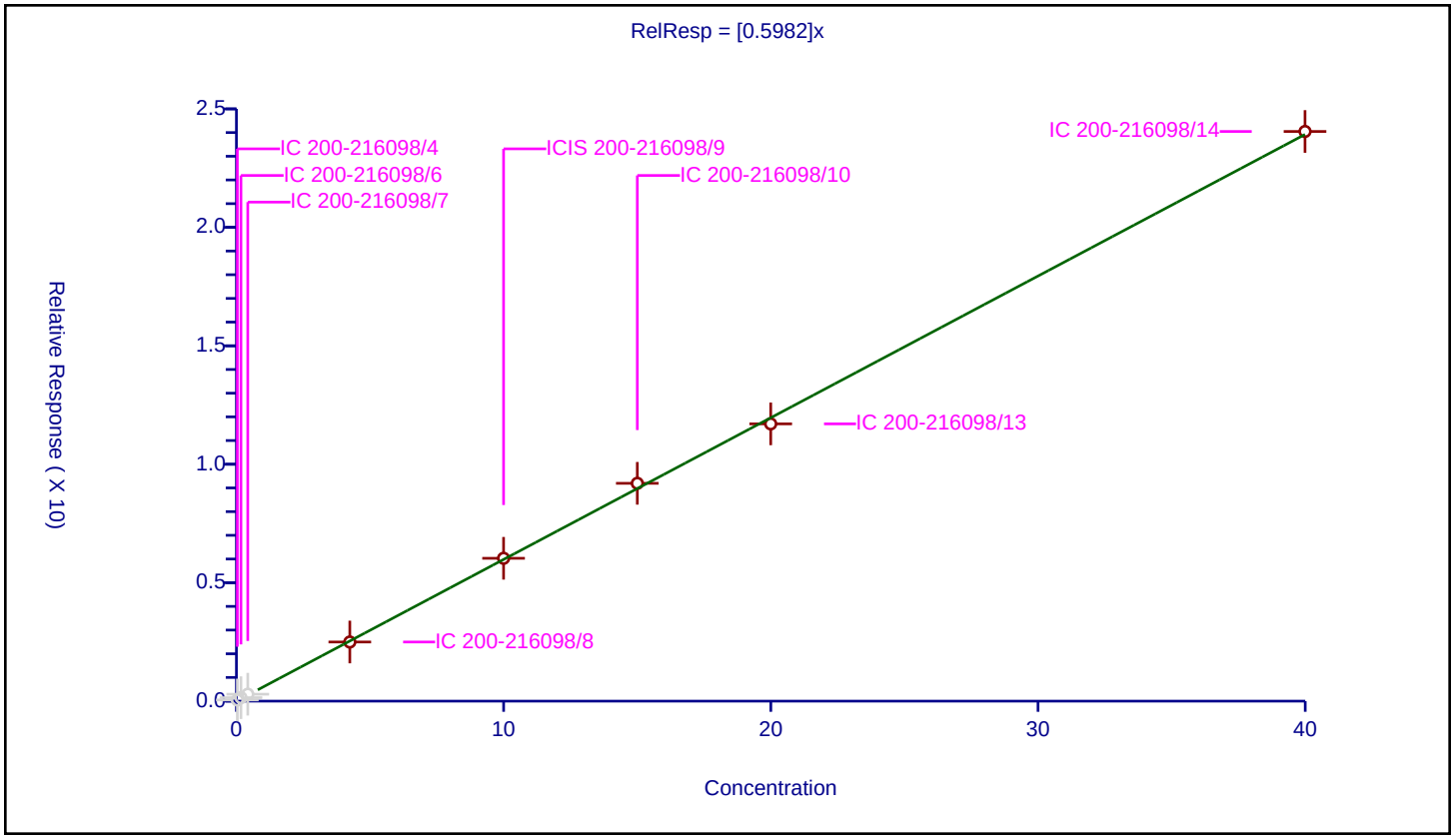
Curve Coefficients

Intercept:	0
Slope:	0.5982

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.049084	10.0	330864.0	1.399313	N
2	IC 200-216098/6	0.170374	0.146968	10.0	312381.0	0.862621	N
3	IC 200-216098/7	0.425385	0.292722	10.0	305683.0	0.688134	N
4	IC 200-216098/8	4.243678	2.496363	10.0	314149.0	0.588255	Y
5	ICIS 200-216098/9	9.99806	6.029522	10.0	317123.0	0.603069	Y
6	IC 200-216098/10	15.003557	9.194609	10.0	329219.0	0.612829	Y
7	IC 200-216098/13	19.99612	11.704085	10.0	323687.0	0.585318	Y
8	IC 200-216098/14	39.99224	24.047016	10.0	344135.0	0.601292	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

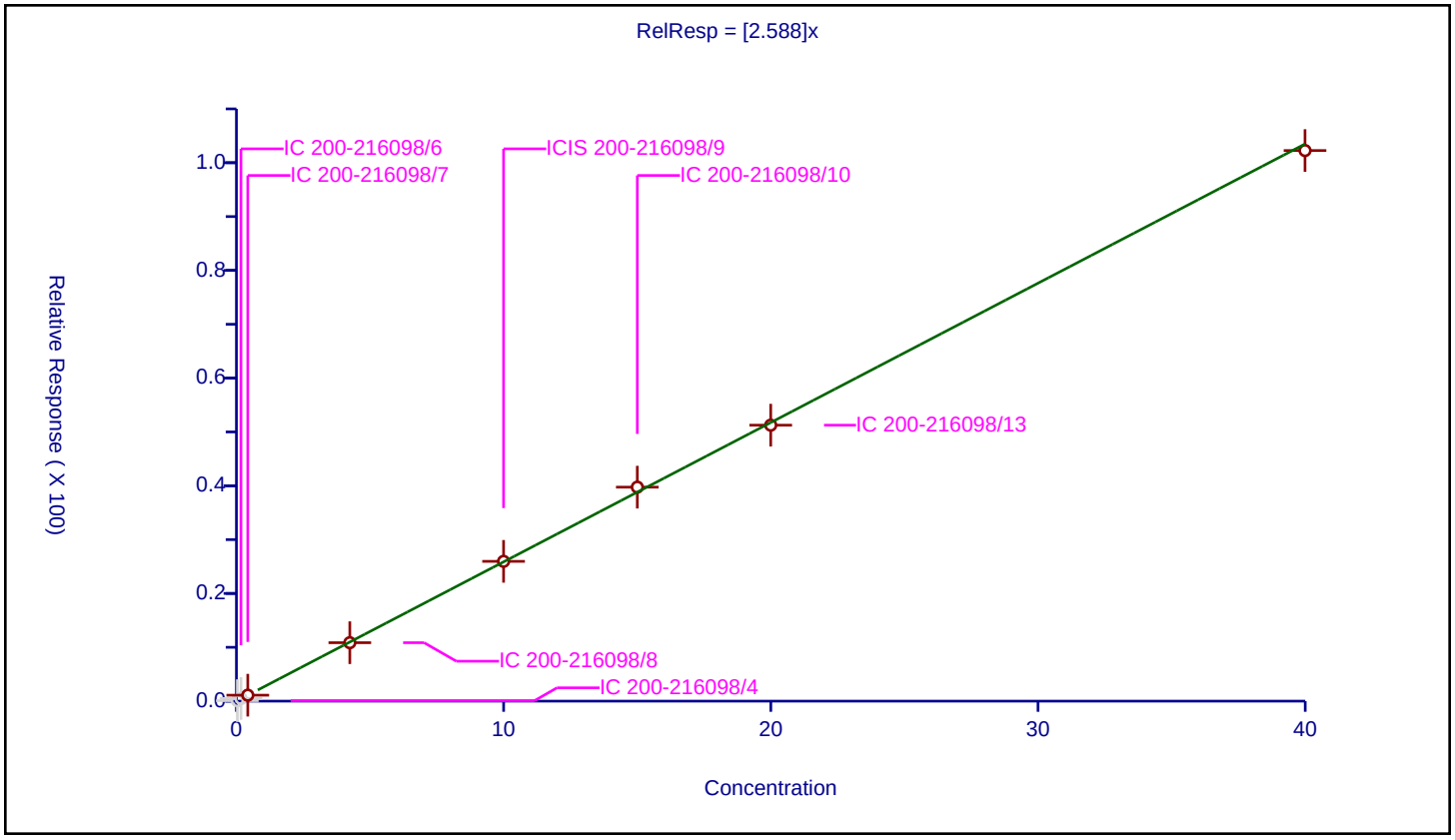
Curve Coefficients

Intercept:	0
Slope:	2.588

Error Coefficients

Relative Standard Deviation:	1.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.086954	10.0	330864.0	2.478955	N
2	IC 200-216098/6	0.170374	0.490427	10.0	312381.0	2.878535	N
3	IC 200-216098/7	0.425385	1.106342	10.0	305683.0	2.600804	Y
4	IC 200-216098/8	4.243678	10.855549	10.0	314149.0	2.558052	Y
5	ICIS 200-216098/9	9.99806	25.963995	10.0	317123.0	2.596903	Y
6	IC 200-216098/10	15.003557	39.744608	10.0	329219.0	2.649012	Y
7	IC 200-216098/13	19.99612	51.255009	10.0	323687.0	2.563248	Y
8	IC 200-216098/14	39.99224	102.260654	10.0	344135.0	2.557012	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

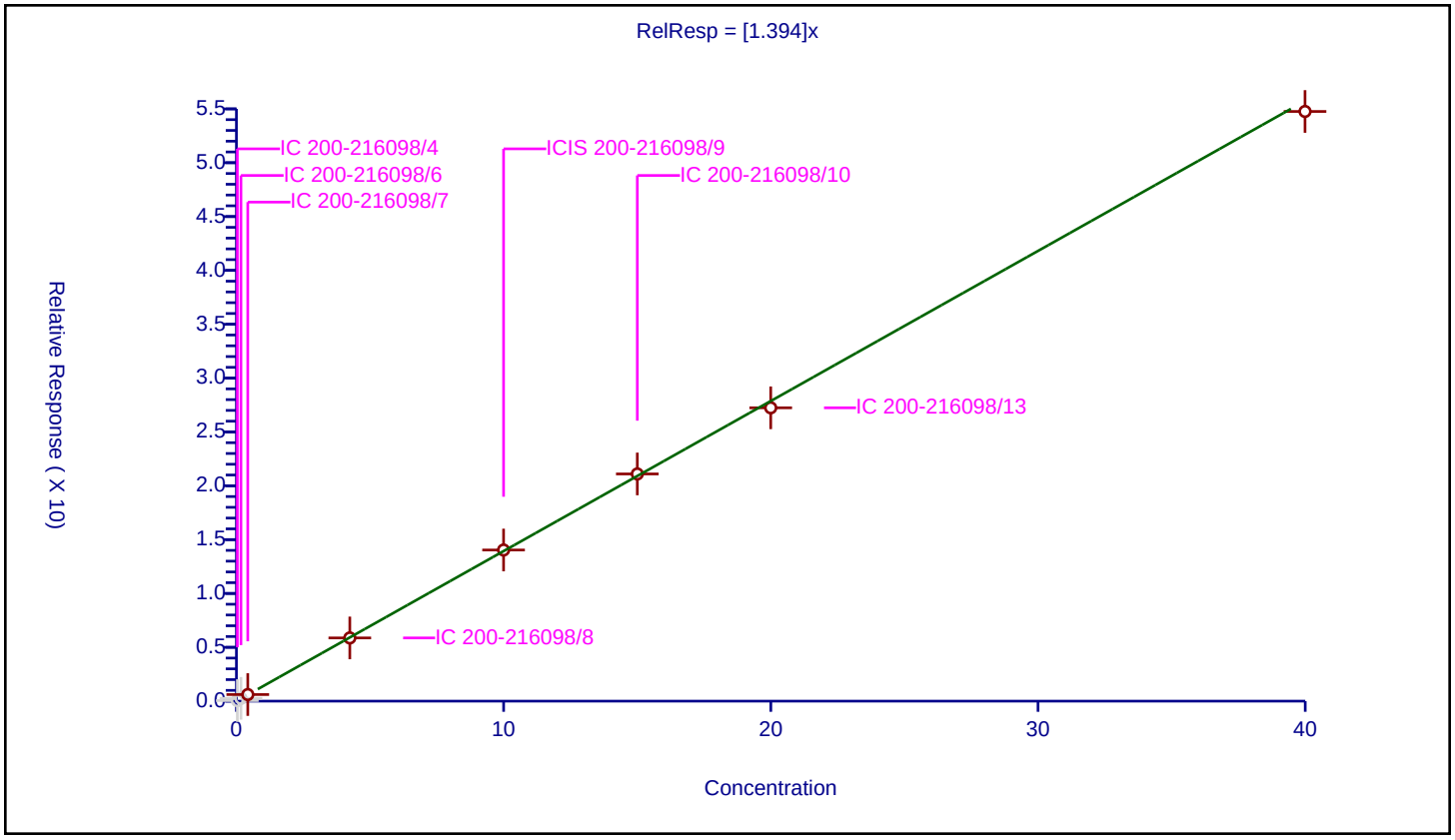
Curve Coefficients

Intercept:	0
Slope:	1.394

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.050534	10.0	330864.0	1.440672	N
2	IC 200-216098/6	0.170374	0.258402	10.0	312381.0	1.51668	N
3	IC 200-216098/7	0.425385	0.611221	10.0	305683.0	1.436867	Y
4	IC 200-216098/8	4.243678	5.871004	10.0	314149.0	1.38347	Y
5	ICIS 200-216098/9	9.99806	14.035437	10.0	317123.0	1.403816	Y
6	IC 200-216098/10	15.003557	21.099359	10.0	329219.0	1.40629	Y
7	IC 200-216098/13	19.99612	27.240791	10.0	323687.0	1.362304	Y
8	IC 200-216098/14	39.99224	54.760835	10.0	344135.0	1.369287	Y



Calibration / 1,2-Dichloro-1,1,2,2-tetrafluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

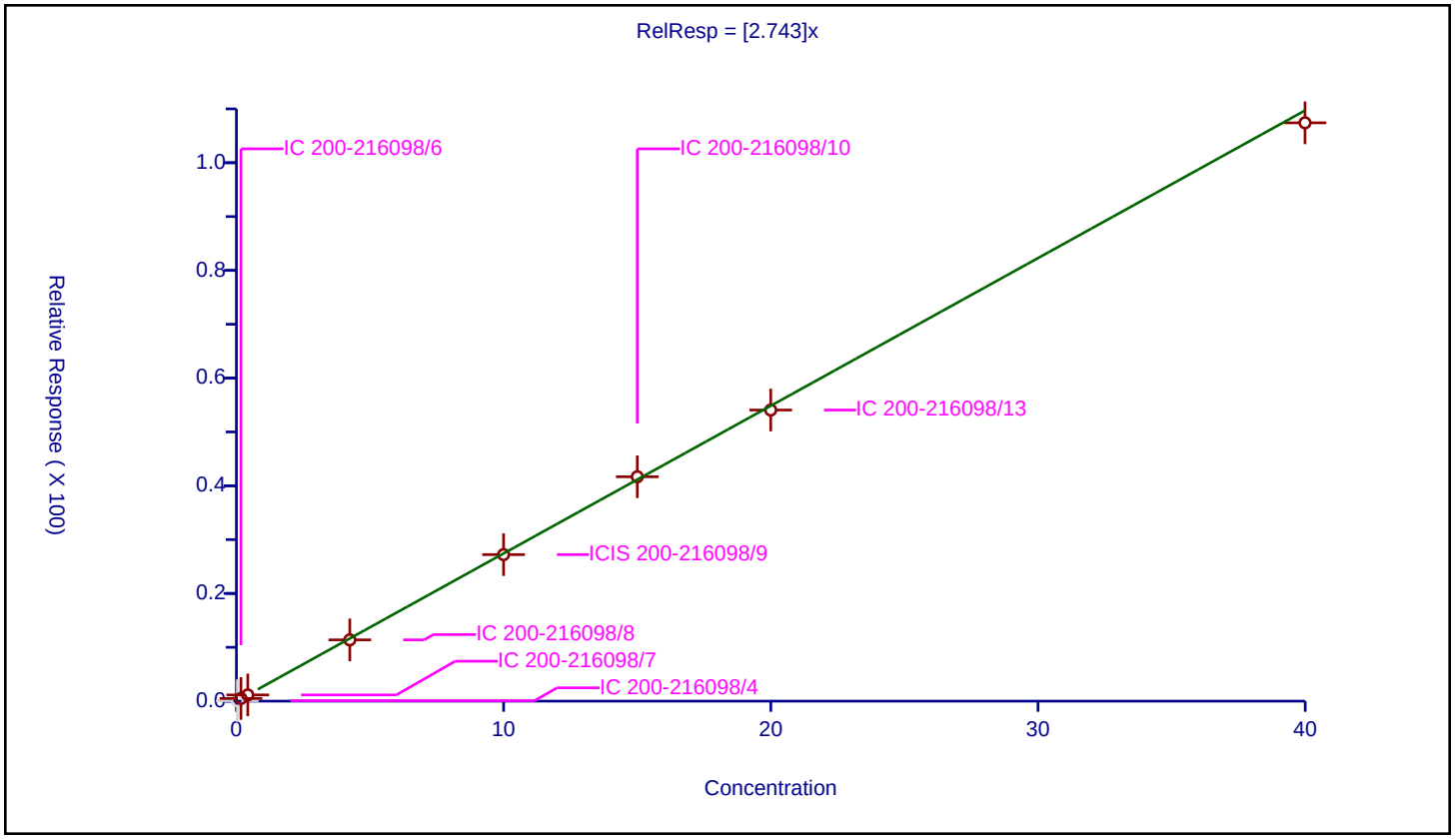
Curve Coefficients

Intercept:	0
Slope:	2.743

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.082118	10.0	330864.0	2.341092	N
2	IC 200-216098/6	0.170374	0.496477	10.0	312381.0	2.914047	Y
3	IC 200-216098/7	0.425385	1.155347	10.0	305683.0	2.716006	Y
4	IC 200-216098/8	4.243678	11.379091	10.0	314149.0	2.681422	Y
5	ICIS 200-216098/9	9.99806	27.212848	10.0	317123.0	2.721813	Y
6	IC 200-216098/10	15.003557	41.676209	10.0	329219.0	2.777755	Y
7	IC 200-216098/13	19.99612	54.064266	10.0	323687.0	2.703738	Y
8	IC 200-216098/14	39.99224	107.414212	10.0	344135.0	2.685876	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

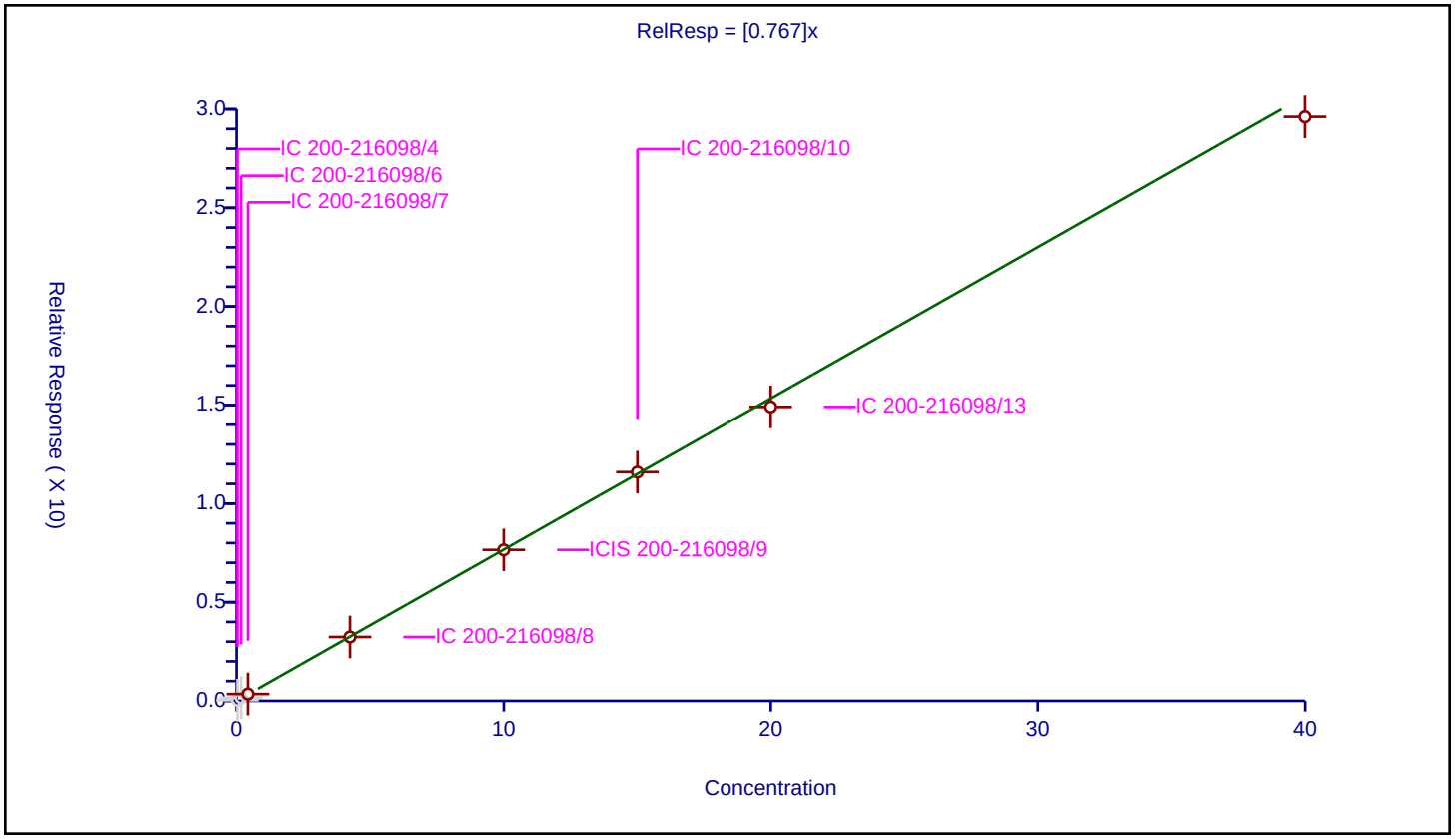
Curve Coefficients

Intercept:	0
Slope:	0.767

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.034213	10.0	330864.0	0.975383	N
2	IC 200-216098/6	0.170374	0.159613	10.0	312381.0	0.936839	N
3	IC 200-216098/7	0.425385	0.346503	10.0	305683.0	0.814563	Y
4	IC 200-216098/8	4.243678	3.236872	10.0	314149.0	0.762751	Y
5	ICIS 200-216098/9	9.99806	7.653592	10.0	317123.0	0.765508	Y
6	IC 200-216098/10	15.003557	11.596992	10.0	329219.0	0.772949	Y
7	IC 200-216098/13	19.99612	14.906685	10.0	323687.0	0.745479	Y
8	IC 200-216098/14	39.99224	29.615848	10.0	344135.0	0.74054	Y



Calibration / Butane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

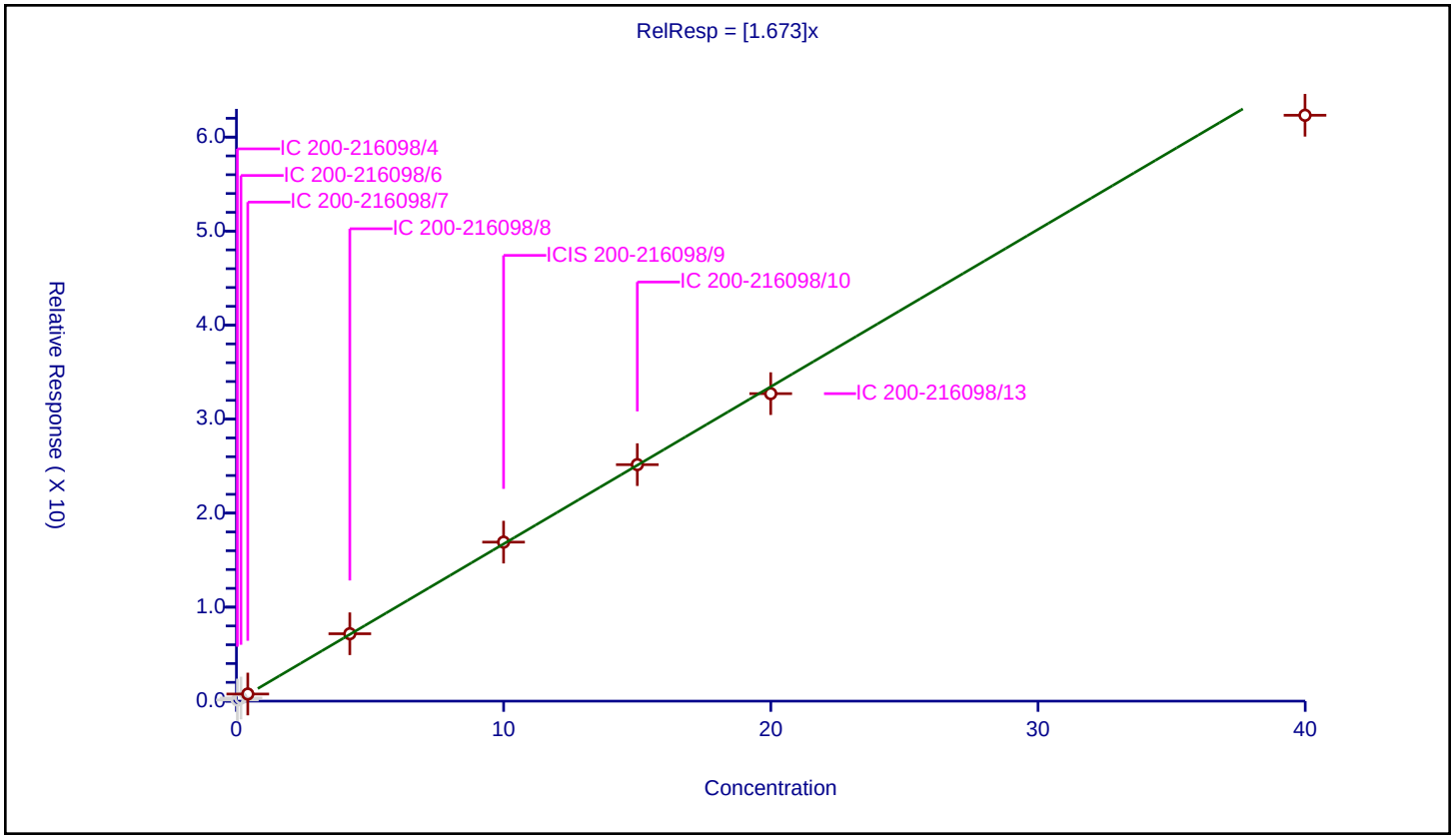
Curve Coefficients

Intercept:	0
Slope:	1.673

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.121833	10.0	330864.0	3.473294	N
2	IC 200-216098/6	0.170374	0.328829	10.0	312381.0	1.930047	N
3	IC 200-216098/7	0.425385	0.758498	10.0	305683.0	1.783088	Y
4	IC 200-216098/8	4.243678	7.169973	10.0	314149.0	1.689566	Y
5	ICIS 200-216098/9	9.99806	16.915582	10.0	317123.0	1.691886	Y
6	IC 200-216098/10	15.003557	25.156628	10.0	329219.0	1.676711	Y
7	IC 200-216098/13	19.99612	32.710798	10.0	323687.0	1.635857	Y
8	IC 200-216098/14	39.99224	62.323943	10.0	344135.0	1.558401	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

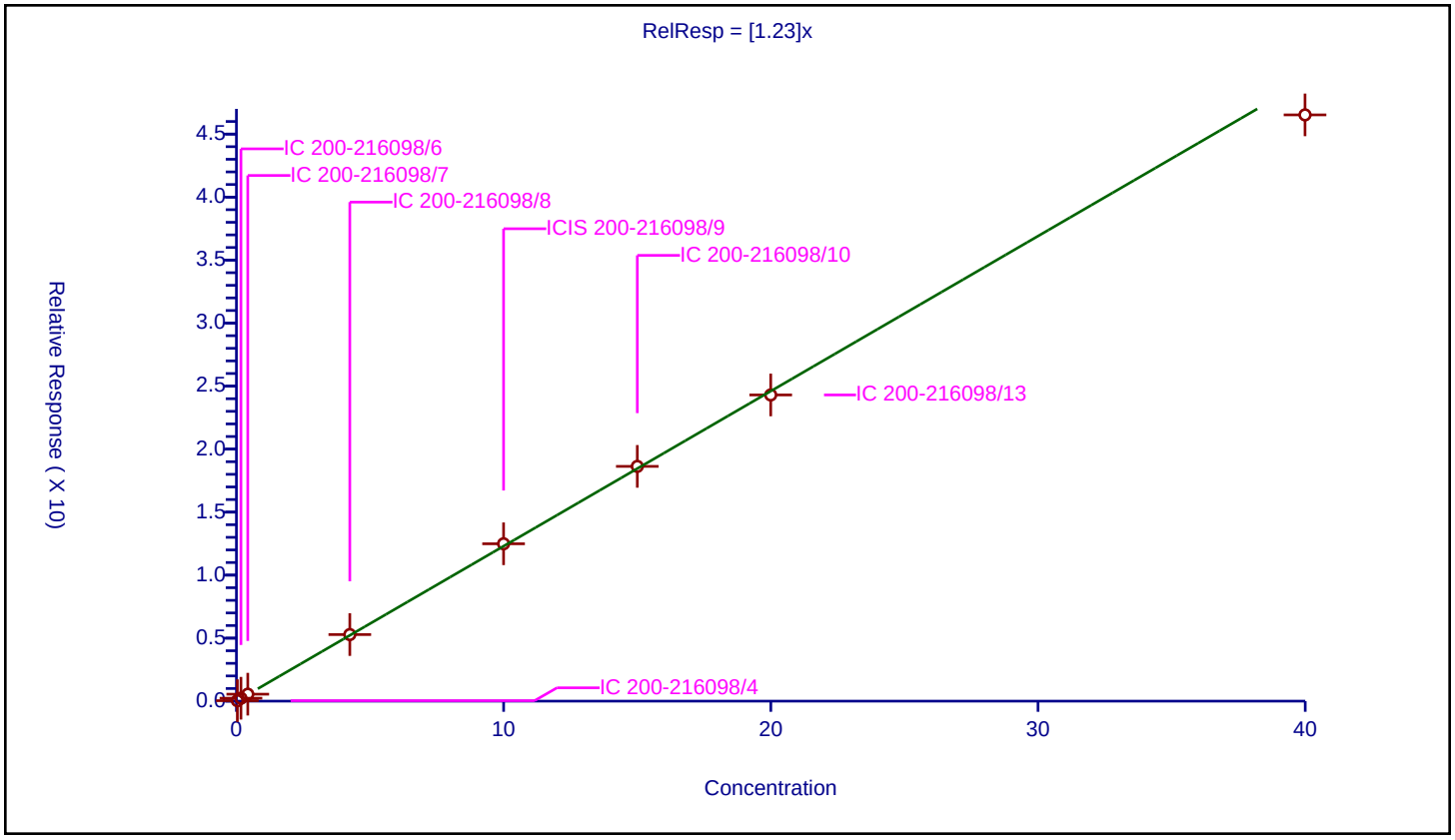
Curve Coefficients

Intercept:	0
Slope:	1.23

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.037599	10.0	330864.0	1.071887	Y
2	IC 200-216098/6	0.170374	0.231064	10.0	312381.0	1.356219	Y
3	IC 200-216098/7	0.425385	0.552762	10.0	305683.0	1.299441	Y
4	IC 200-216098/8	4.243678	5.282334	10.0	314149.0	1.244754	Y
5	ICIS 200-216098/9	9.99806	12.487489	10.0	317123.0	1.248991	Y
6	IC 200-216098/10	15.003557	18.629666	10.0	329219.0	1.241683	Y
7	IC 200-216098/13	19.99612	24.299369	10.0	323687.0	1.215204	Y
8	IC 200-216098/14	39.99224	46.524852	10.0	344135.0	1.163347	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

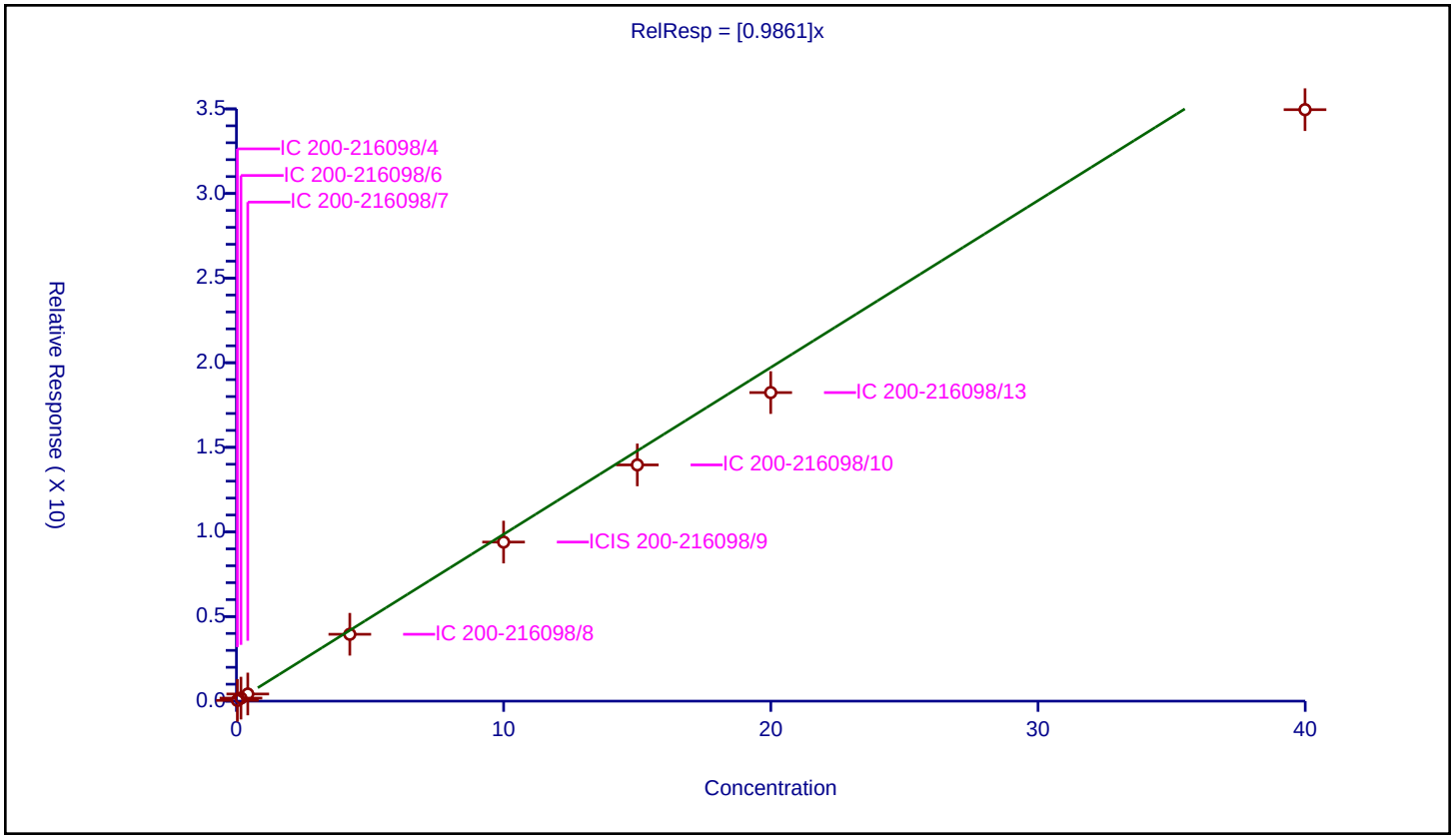
Curve Coefficients

Intercept:	0
Slope:	0.9861

Error Coefficients

Relative Standard Deviation:	12.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.044006	10.0	330864.0	1.254556	Y
2	IC 200-216098/6	0.170374	0.17914	10.0	312381.0	1.051455	Y
3	IC 200-216098/7	0.425385	0.423216	10.0	305683.0	0.994902	Y
4	IC 200-216098/8	4.243678	3.950896	10.0	314149.0	0.931007	Y
5	ICIS 200-216098/9	9.99806	9.40058	10.0	317123.0	0.94024	Y
6	IC 200-216098/10	15.003557	13.959857	10.0	329219.0	0.930436	Y
7	IC 200-216098/13	19.99612	18.234714	10.0	323687.0	0.911913	Y
8	IC 200-216098/14	39.99224	34.954625	10.0	344135.0	0.874035	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

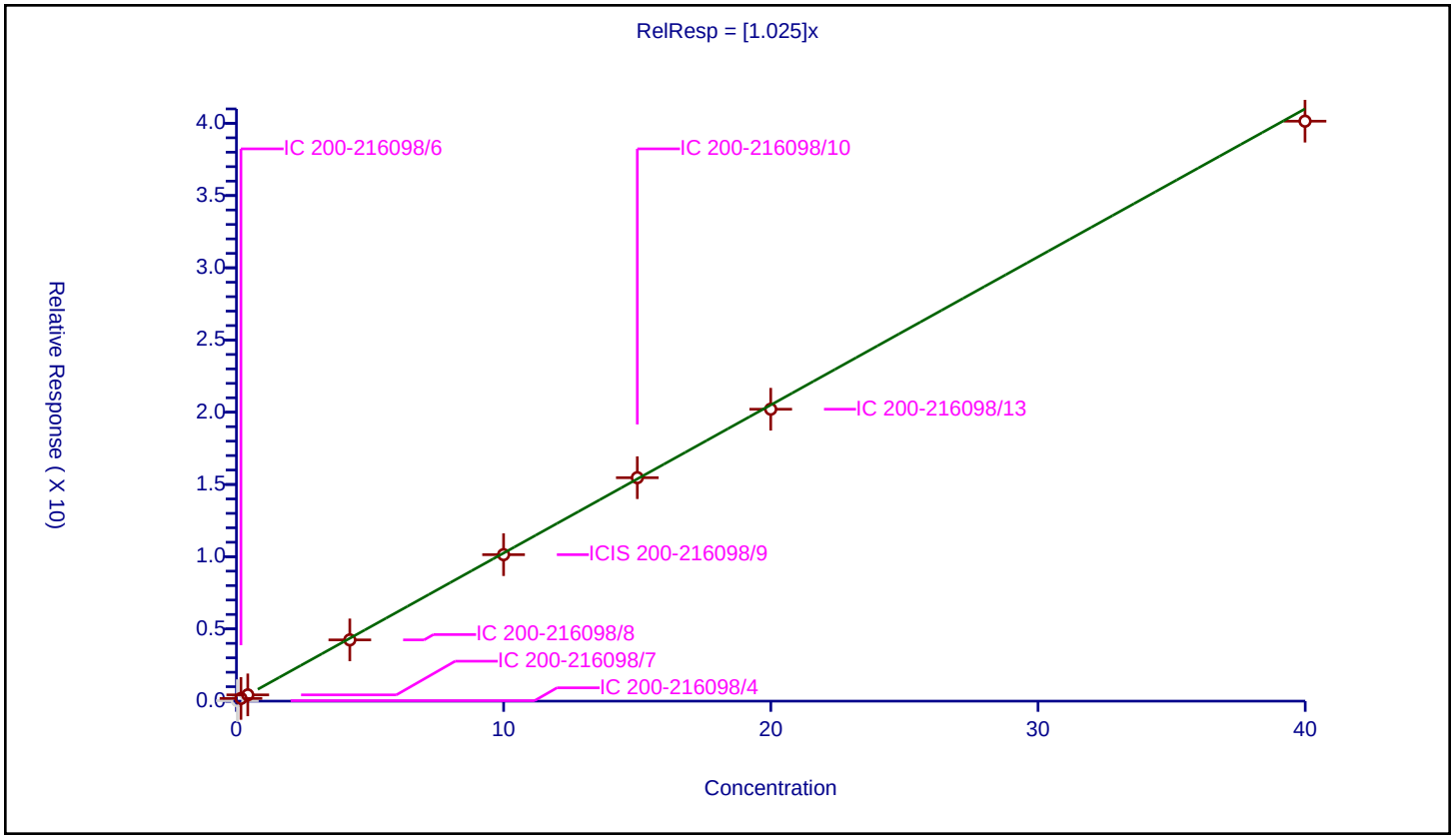
Curve Coefficients

Intercept:	0
Slope:	1.025

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.032188	10.0	330864.0	0.917653	N
2	IC 200-216098/6	0.170374	0.186951	10.0	312381.0	1.097301	Y
3	IC 200-216098/7	0.425385	0.434143	10.0	305683.0	1.020588	Y
4	IC 200-216098/8	4.243678	4.239071	10.0	314149.0	0.998914	Y
5	ICIS 200-216098/9	9.99806	10.140103	10.0	317123.0	1.014207	Y
6	IC 200-216098/10	15.003557	15.468488	10.0	329219.0	1.030988	Y
7	IC 200-216098/13	19.99612	20.209987	10.0	323687.0	1.010695	Y
8	IC 200-216098/14	39.99224	40.150464	10.0	344135.0	1.003956	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

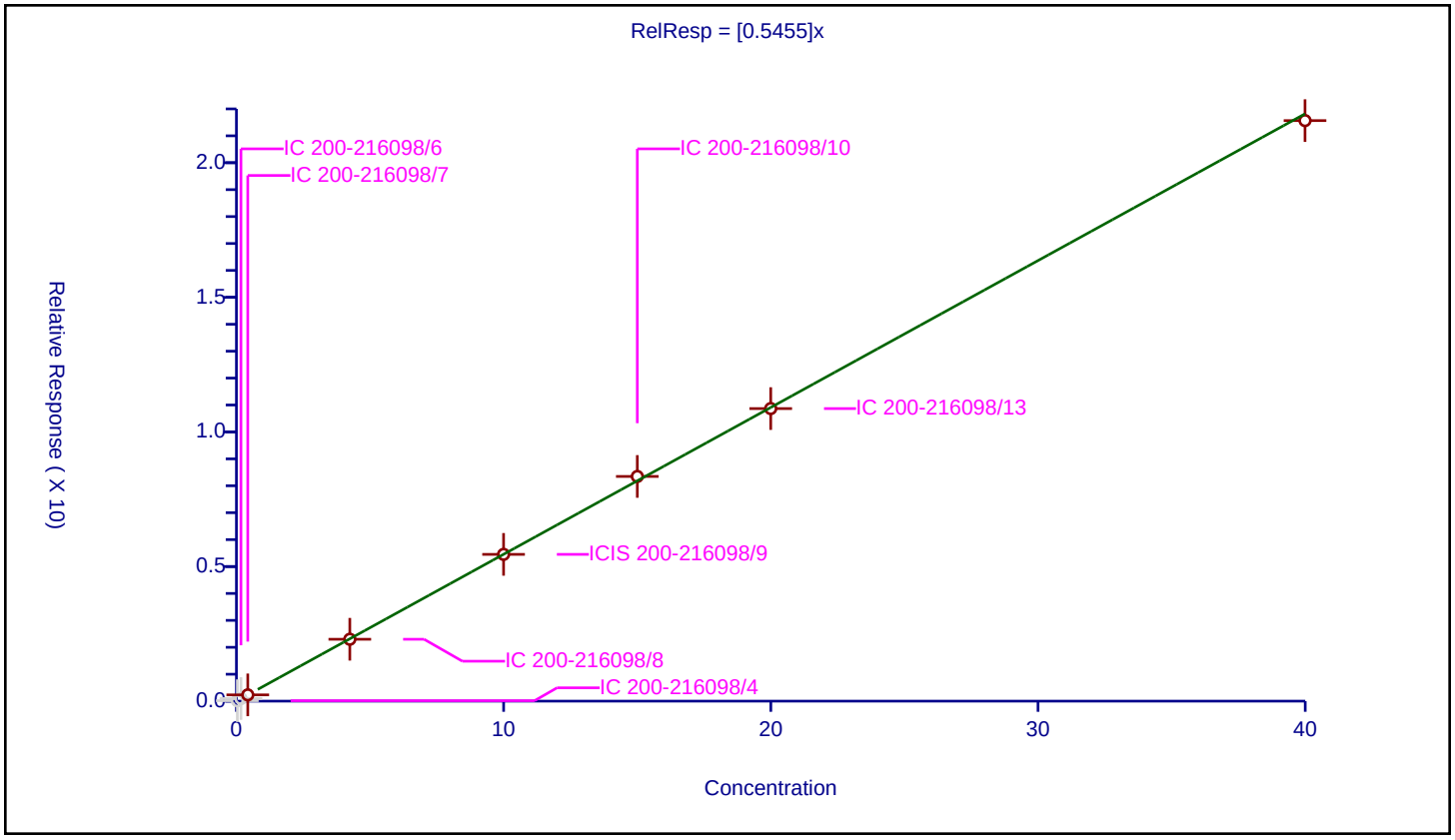
Curve Coefficients

Intercept:	0
Slope:	0.5455

Error Coefficients

Relative Standard Deviation:	1.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.016442	10.0	330864.0	0.468735	N
2	IC 200-216098/6	0.170374	0.096869	10.0	312381.0	0.568567	N
3	IC 200-216098/7	0.425385	0.232659	10.0	305683.0	0.546939	Y
4	IC 200-216098/8	4.243678	2.299164	10.0	314149.0	0.541786	Y
5	ICIS 200-216098/9	9.99806	5.45167	10.0	317123.0	0.545273	Y
6	IC 200-216098/10	15.003557	8.346784	10.0	329219.0	0.55632	Y
7	IC 200-216098/13	19.99612	10.867258	10.0	323687.0	0.543468	Y
8	IC 200-216098/14	39.99224	21.564996	10.0	344135.0	0.53923	Y



Calibration / 2-Methylbutane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

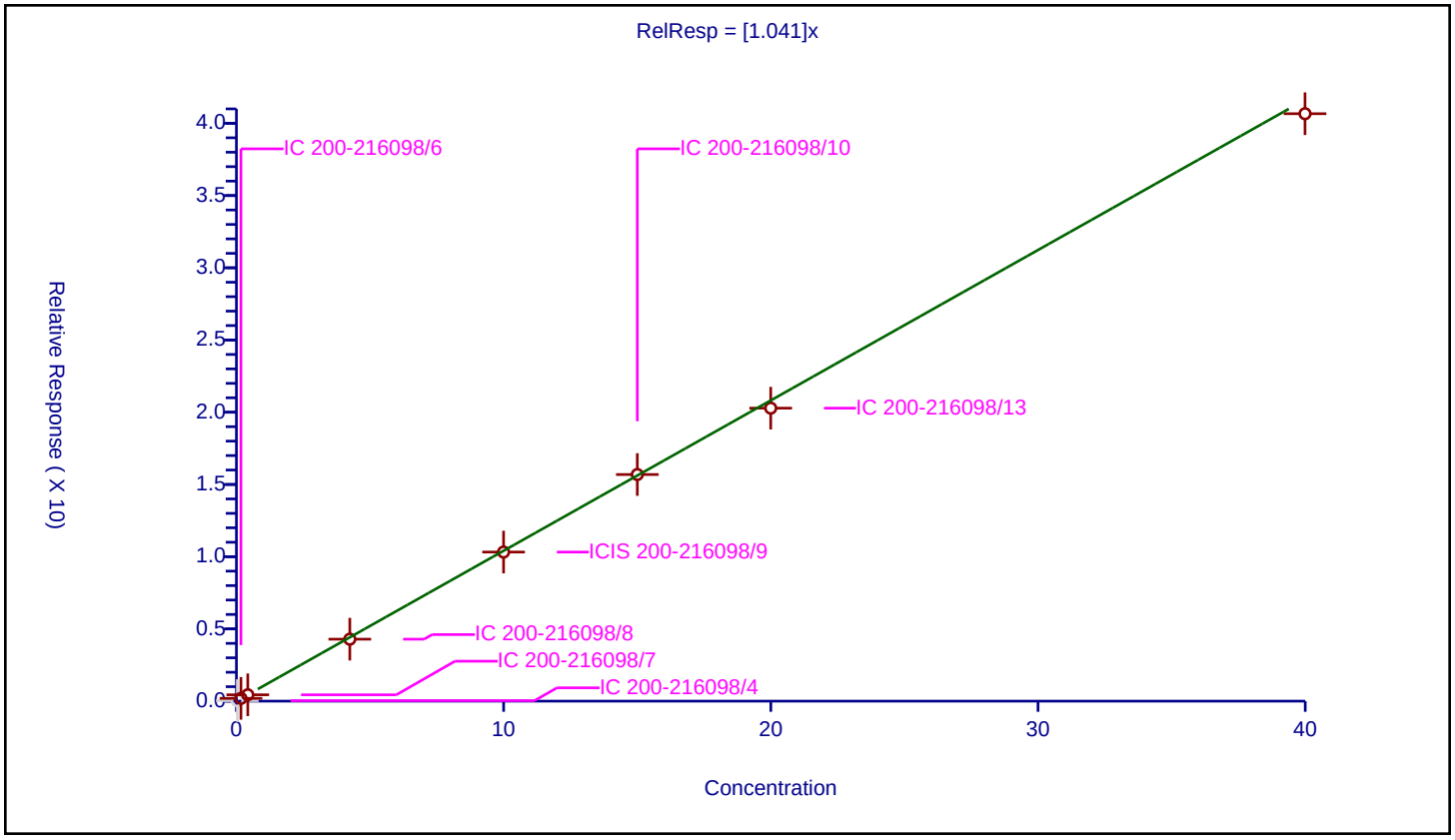
Curve Coefficients

Intercept:	0
Slope:	1.041

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.033911	10.0	330864.0	0.966767	N
2	IC 200-216098/6	0.170374	0.192937	10.0	312381.0	1.132437	Y
3	IC 200-216098/7	0.425385	0.440227	10.0	305683.0	1.034892	Y
4	IC 200-216098/8	4.243678	4.288888	10.0	314149.0	1.010653	Y
5	ICIS 200-216098/9	9.99806	10.320097	10.0	317123.0	1.03221	Y
6	IC 200-216098/10	15.003557	15.688888	10.0	329219.0	1.045678	Y
7	IC 200-216098/13	19.99612	20.283762	10.0	323687.0	1.014385	Y
8	IC 200-216098/14	39.99224	40.666308	10.0	344135.0	1.016855	Y



Calibration / Vinyl bromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

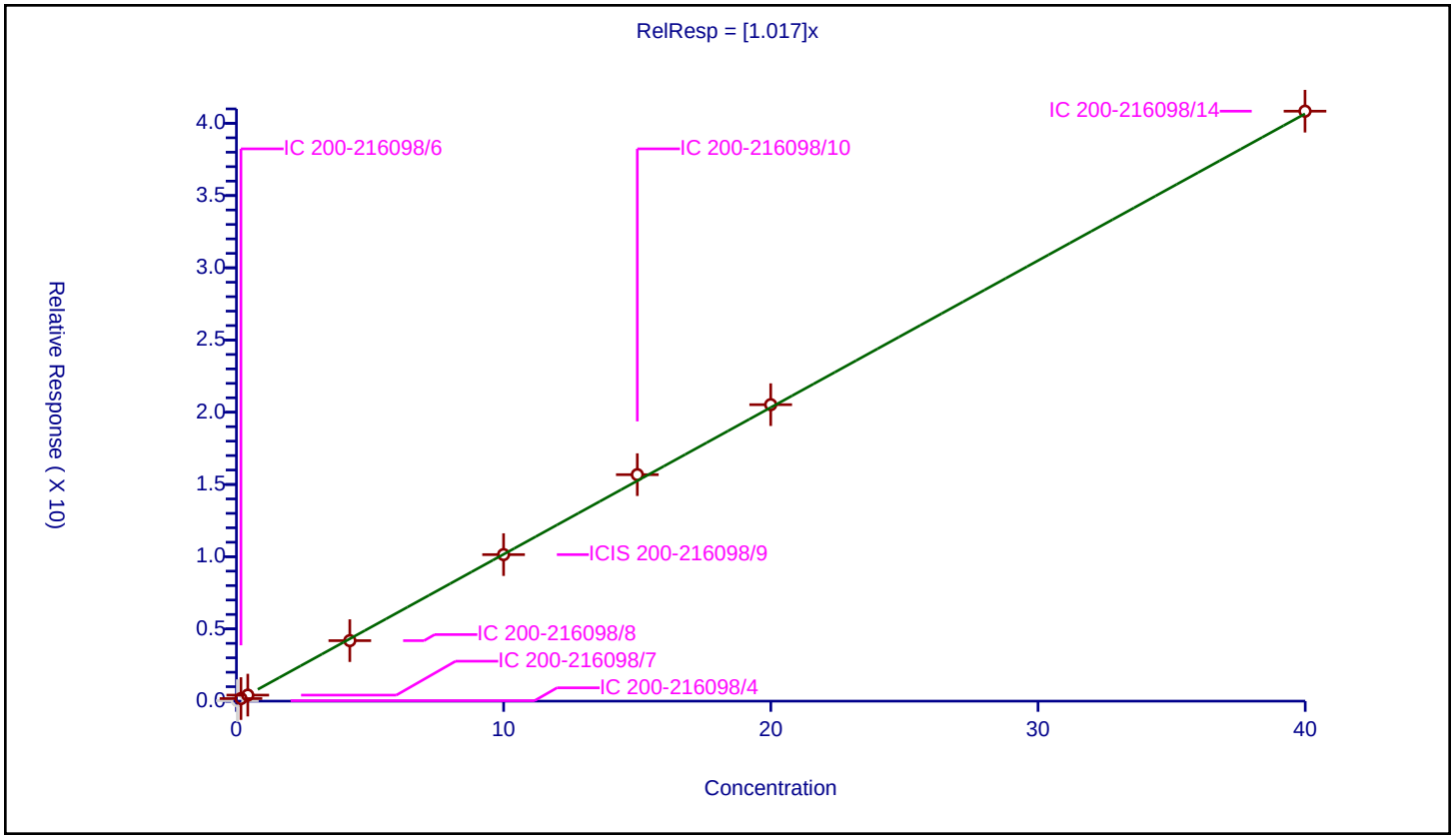
Curve Coefficients

Intercept:	0
Slope:	1.017

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.031826	10.0	330864.0	0.907313	N
2	IC 200-216098/6	0.170374	0.177412	10.0	312381.0	1.041308	Y
3	IC 200-216098/7	0.425385	0.417262	10.0	305683.0	0.980906	Y
4	IC 200-216098/8	4.243678	4.189127	10.0	314149.0	0.987145	Y
5	ICIS 200-216098/9	9.99806	10.144581	10.0	317123.0	1.014655	Y
6	IC 200-216098/10	15.003557	15.677983	10.0	329219.0	1.044951	Y
7	IC 200-216098/13	19.99612	20.524117	10.0	323687.0	1.026405	Y
8	IC 200-216098/14	39.99224	40.8406	10.0	344135.0	1.021213	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

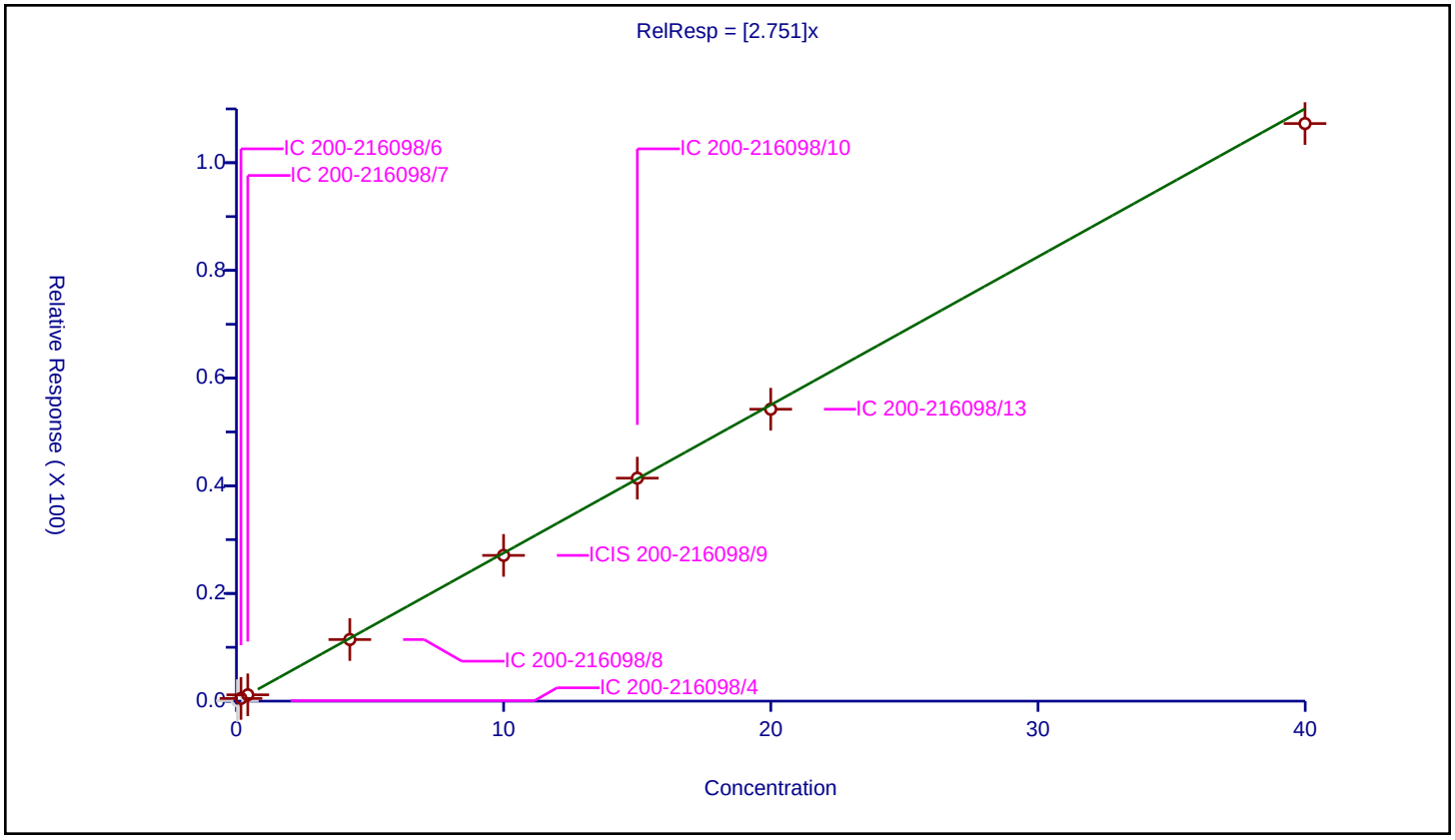
Curve Coefficients

Intercept:	0
Slope:	2.751

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.086924	10.0	330864.0	2.478093	N
2	IC 200-216098/6	0.170374	0.499806	10.0	312381.0	2.933588	Y
3	IC 200-216098/7	0.425385	1.176971	10.0	305683.0	2.766839	Y
4	IC 200-216098/8	4.243678	11.437184	10.0	314149.0	2.695111	Y
5	ICIS 200-216098/9	9.99806	27.073092	10.0	317123.0	2.707835	Y
6	IC 200-216098/10	15.003557	41.41945	10.0	329219.0	2.760642	Y
7	IC 200-216098/13	19.99612	54.220775	10.0	323687.0	2.711565	Y
8	IC 200-216098/14	39.99224	107.281125	10.0	344135.0	2.682549	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

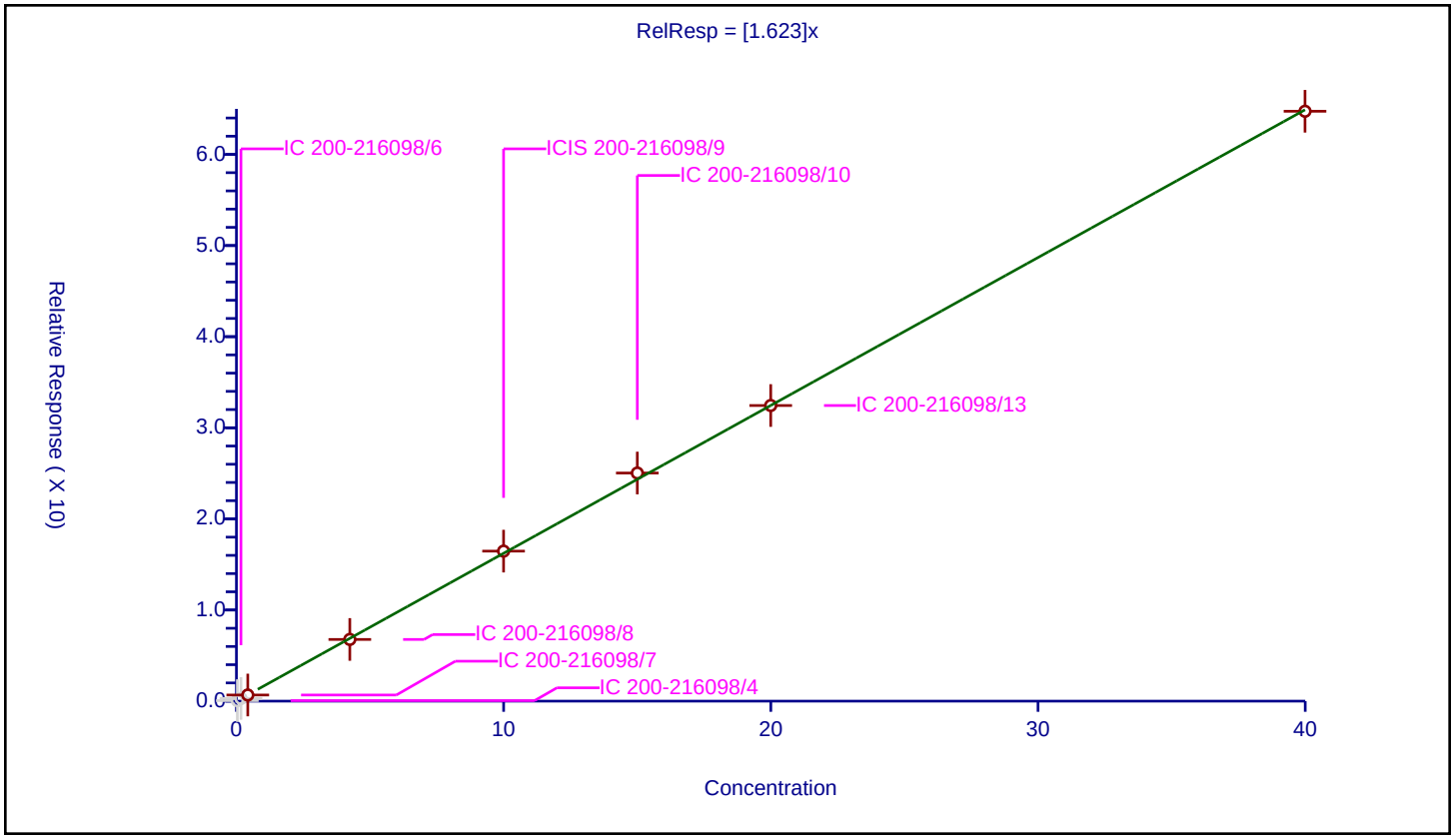
Curve Coefficients

Intercept:	0
Slope:	1.623

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.055733	10.0	330864.0	1.588875	N
2	IC 200-216098/6	0.170374	0.298098	10.0	312381.0	1.749668	N
3	IC 200-216098/7	0.425385	0.67413	10.0	305683.0	1.584753	Y
4	IC 200-216098/8	4.243678	6.772041	10.0	314149.0	1.595795	Y
5	ICIS 200-216098/9	9.99806	16.463707	10.0	317123.0	1.64669	Y
6	IC 200-216098/10	15.003557	25.034035	10.0	329219.0	1.66854	Y
7	IC 200-216098/13	19.99612	32.445511	10.0	323687.0	1.62259	Y
8	IC 200-216098/14	39.99224	64.740727	10.0	344135.0	1.618832	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

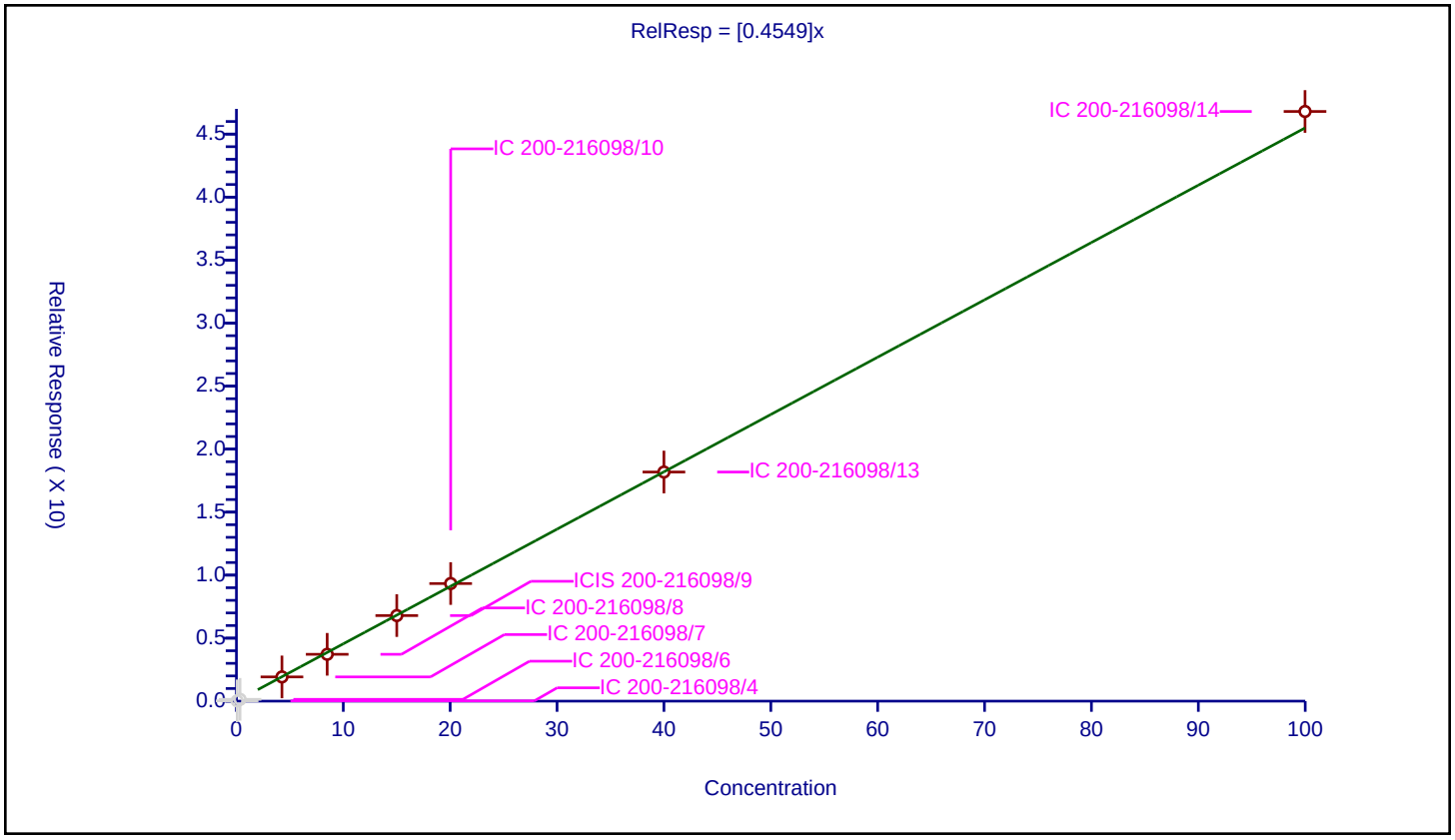
Curve Coefficients

Intercept:	0
Slope:	0.4549

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.070165	0.022879	10.0	330864.0	0.32608	N
2	IC 200-216098/6	0.340803	0.142294	10.0	312381.0	0.417527	N
3	IC 200-216098/7	4.259043	1.92222	10.0	305683.0	0.451327	Y
4	IC 200-216098/8	8.492854	3.716708	10.0	314149.0	0.437628	Y
5	ICIS 200-216098/9	15.003557	6.789668	10.0	317123.0	0.452537	Y
6	IC 200-216098/10	20.047856	9.33321	10.0	329219.0	0.465547	Y
7	IC 200-216098/13	39.998707	18.183554	10.0	323687.0	0.454604	Y
8	IC 200-216098/14	99.980599	46.795211	10.0	344135.0	0.468043	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

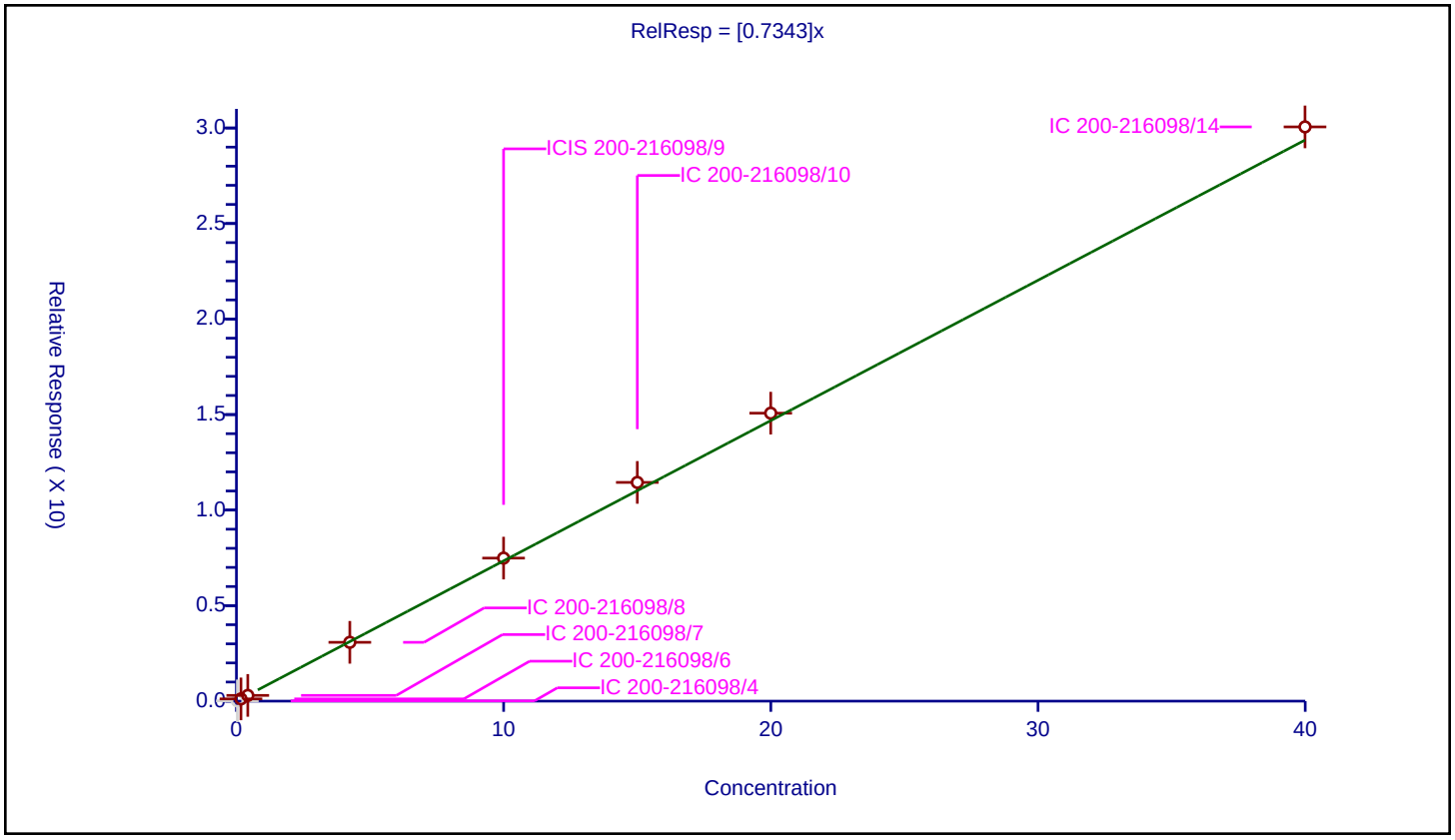
Curve Coefficients

Intercept:	0
Slope:	0.7343

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.014356	10.0	330864.0	0.409282	N
2	IC 200-216098/6	0.170374	0.118061	10.0	312381.0	0.692953	Y
3	IC 200-216098/7	0.425385	0.299722	10.0	305683.0	0.704591	Y
4	IC 200-216098/8	4.243678	3.078666	10.0	314149.0	0.725471	Y
5	ICIS 200-216098/9	9.99806	7.487347	10.0	317123.0	0.74888	Y
6	IC 200-216098/10	15.003557	11.448792	10.0	329219.0	0.763072	Y
7	IC 200-216098/13	19.99612	15.073049	10.0	323687.0	0.753799	Y
8	IC 200-216098/14	39.99224	30.057594	10.0	344135.0	0.751586	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

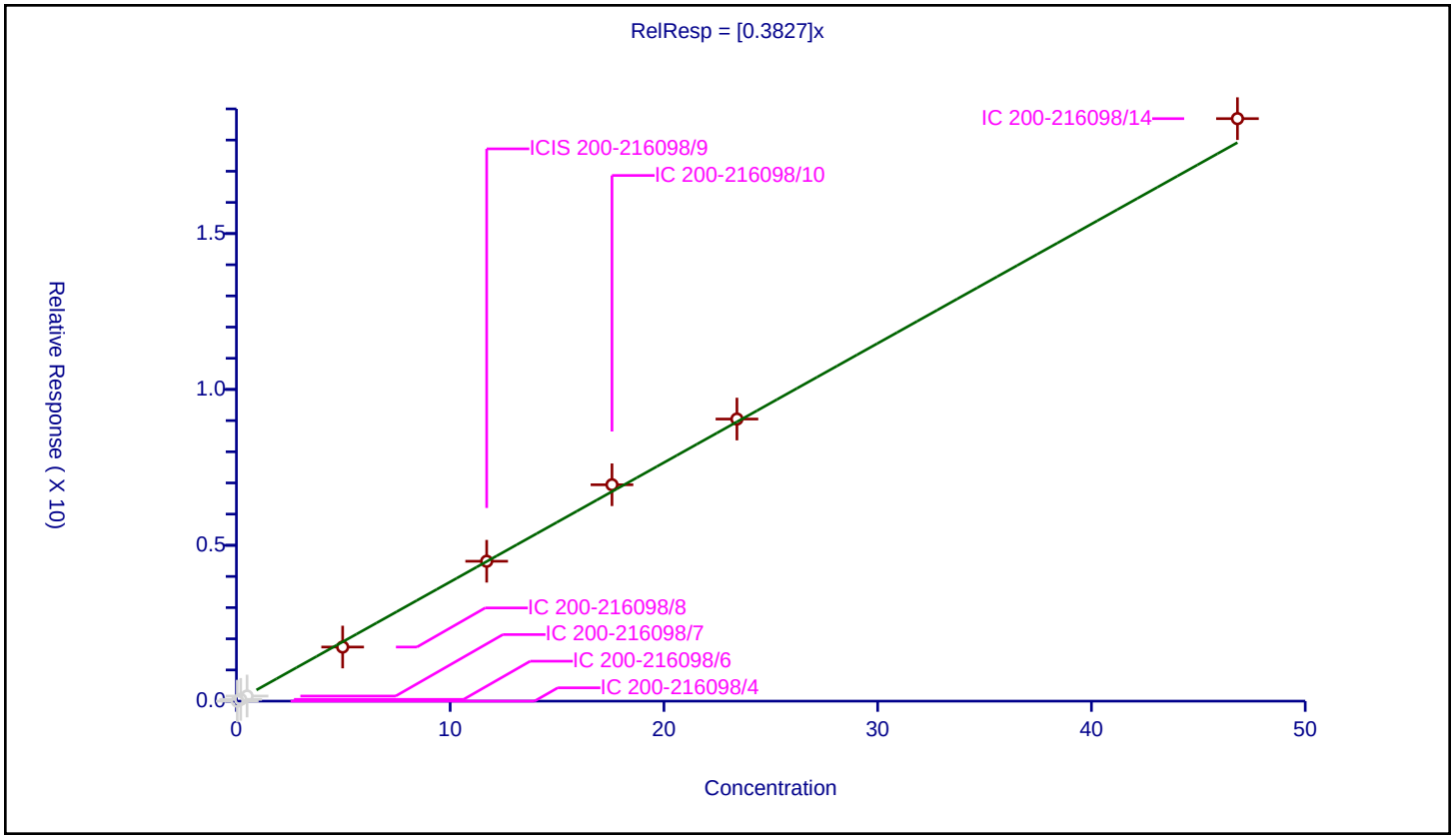
Curve Coefficients

Intercept:	0
Slope:	0.3827

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.041075	0.0	10.0	330864.0	0.0	N
2	IC 200-216098/6	0.199508	0.056534	10.0	312381.0	0.283365	N
3	IC 200-216098/7	0.498125	0.163568	10.0	305683.0	0.328367	N
4	IC 200-216098/8	4.969347	1.735705	10.0	314149.0	0.349282	Y
5	ICIS 200-216098/9	11.707728	4.487628	10.0	317123.0	0.383305	Y
6	IC 200-216098/10	17.569165	6.942248	10.0	329219.0	0.395138	Y
7	IC 200-216098/13	23.415456	9.050163	10.0	323687.0	0.386504	Y
8	IC 200-216098/14	46.830913	18.687579	10.0	344135.0	0.399044	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

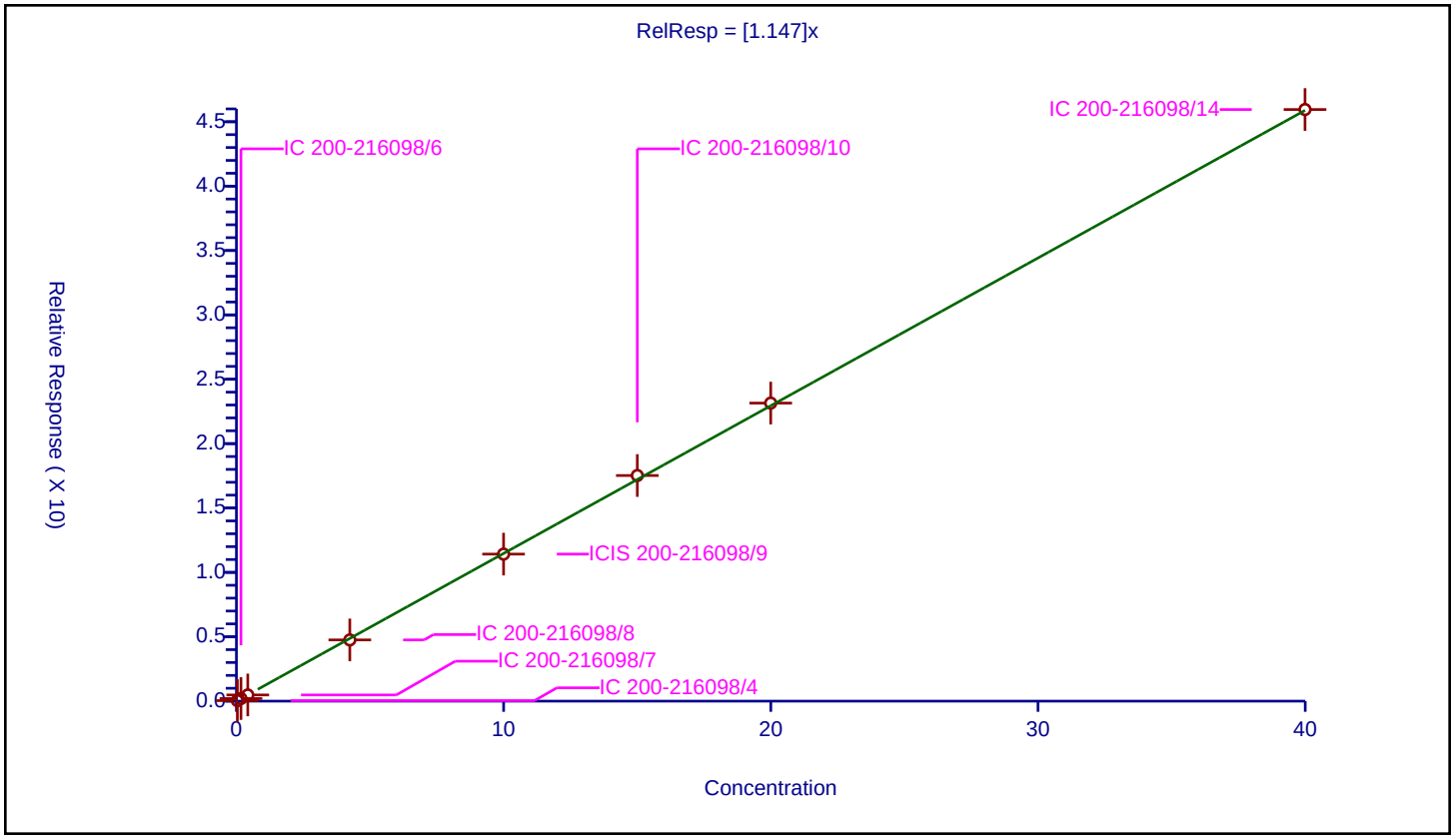
Curve Coefficients

Intercept:	0
Slope:	1.147

Error Coefficients

Relative Standard Deviation:	1.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.039775	10.0	330864.0	1.133926	Y
2	IC 200-216098/6	0.170374	0.20078	10.0	312381.0	1.178471	Y
3	IC 200-216098/7	0.425385	0.480334	10.0	305683.0	1.129176	Y
4	IC 200-216098/8	4.243678	4.754718	10.0	314149.0	1.120424	Y
5	ICIS 200-216098/9	9.99806	11.419859	10.0	317123.0	1.142208	Y
6	IC 200-216098/10	15.003557	17.525204	10.0	329219.0	1.16807	Y
7	IC 200-216098/13	19.99612	23.150451	10.0	323687.0	1.157747	Y
8	IC 200-216098/14	39.99224	45.950659	10.0	344135.0	1.148989	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

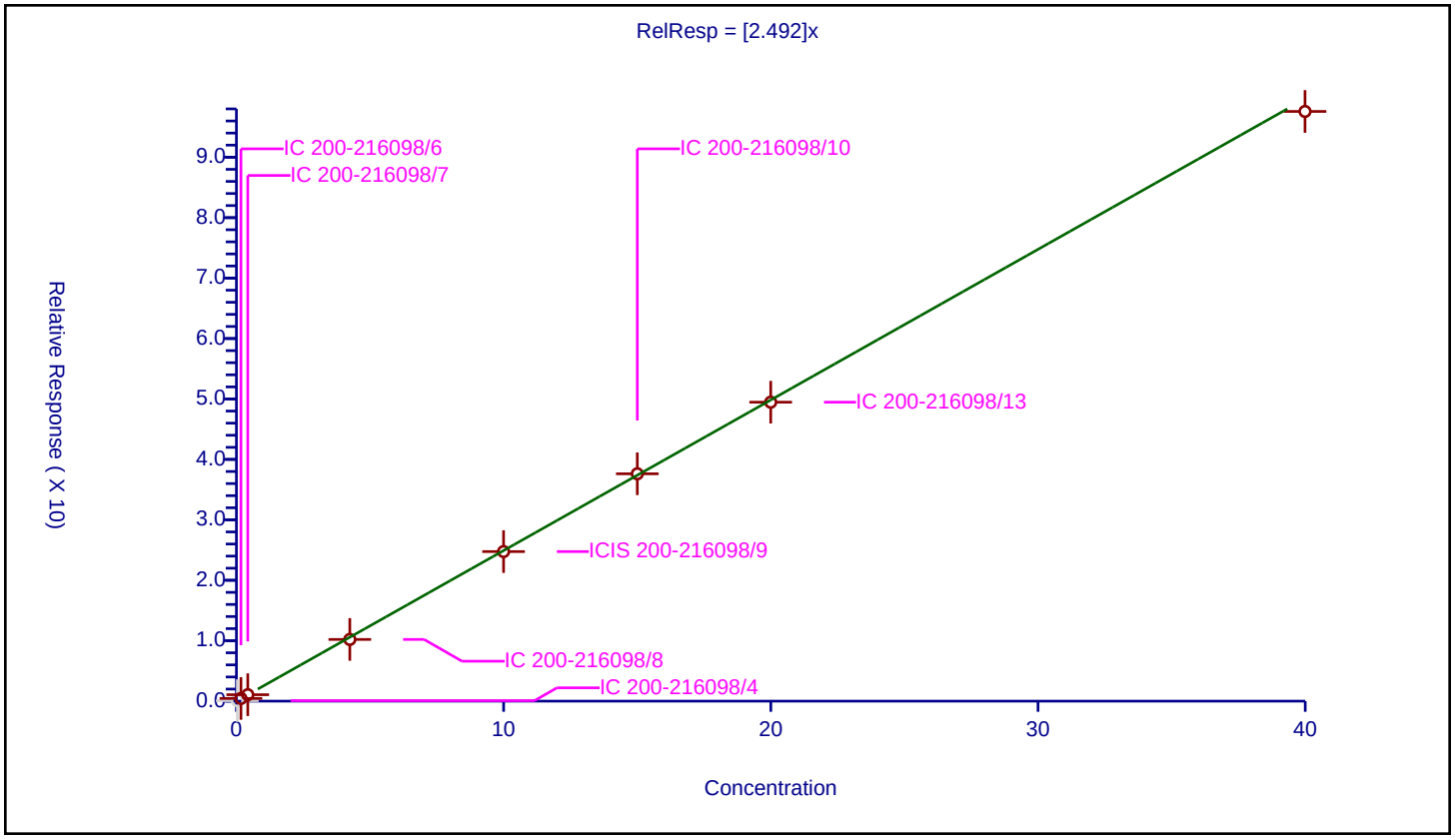
Curve Coefficients

Intercept:	0
Slope:	2.492

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.08106	10.0	330864.0	2.310934	N
2	IC 200-216098/6	0.170374	0.448843	10.0	312381.0	2.634461	Y
3	IC 200-216098/7	0.425385	1.066301	10.0	305683.0	2.506674	Y
4	IC 200-216098/8	4.243678	10.207831	10.0	314149.0	2.405421	Y
5	ICIS 200-216098/9	9.99806	24.747369	10.0	317123.0	2.475217	Y
6	IC 200-216098/10	15.003557	37.620611	10.0	329219.0	2.507446	Y
7	IC 200-216098/13	19.99612	49.466614	10.0	323687.0	2.473811	Y
8	IC 200-216098/14	39.99224	97.576155	10.0	344135.0	2.439877	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

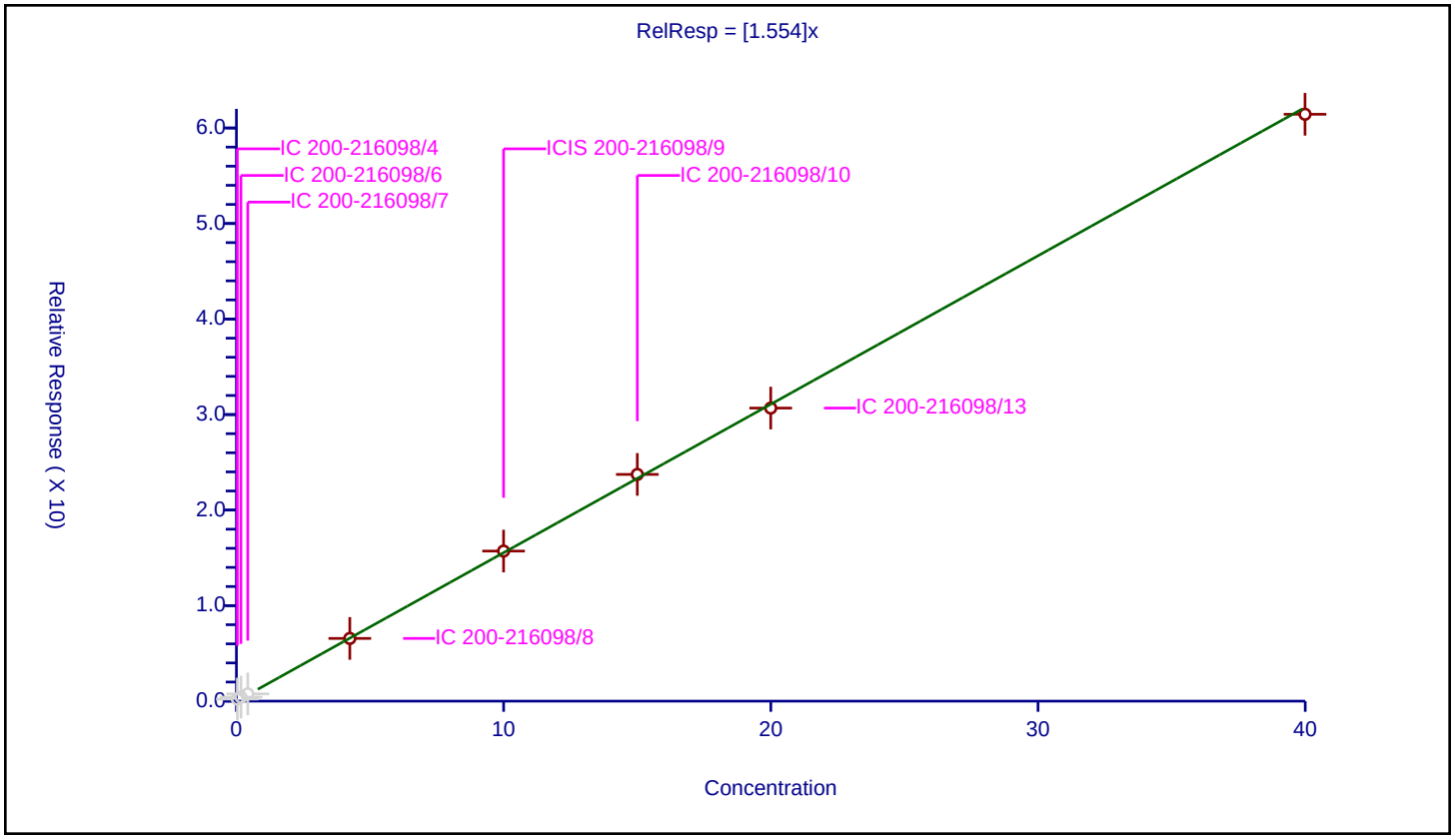
Curve Coefficients

Intercept:	0
Slope:	1.554

Error Coefficients

Relative Standard Deviation:	1.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.215406	10.0	330864.0	6.140949	N
2	IC 200-216098/6	0.170374	0.418976	10.0	312381.0	2.459156	N
3	IC 200-216098/7	0.425385	0.758727	10.0	305683.0	1.783626	N
4	IC 200-216098/8	4.243678	6.565101	10.0	314149.0	1.547031	Y
5	ICIS 200-216098/9	9.99806	15.710434	10.0	317123.0	1.571348	Y
6	IC 200-216098/10	15.003557	23.73411	10.0	329219.0	1.581899	Y
7	IC 200-216098/13	19.99612	30.679823	10.0	323687.0	1.534289	Y
8	IC 200-216098/14	39.99224	61.436849	10.0	344135.0	1.536219	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

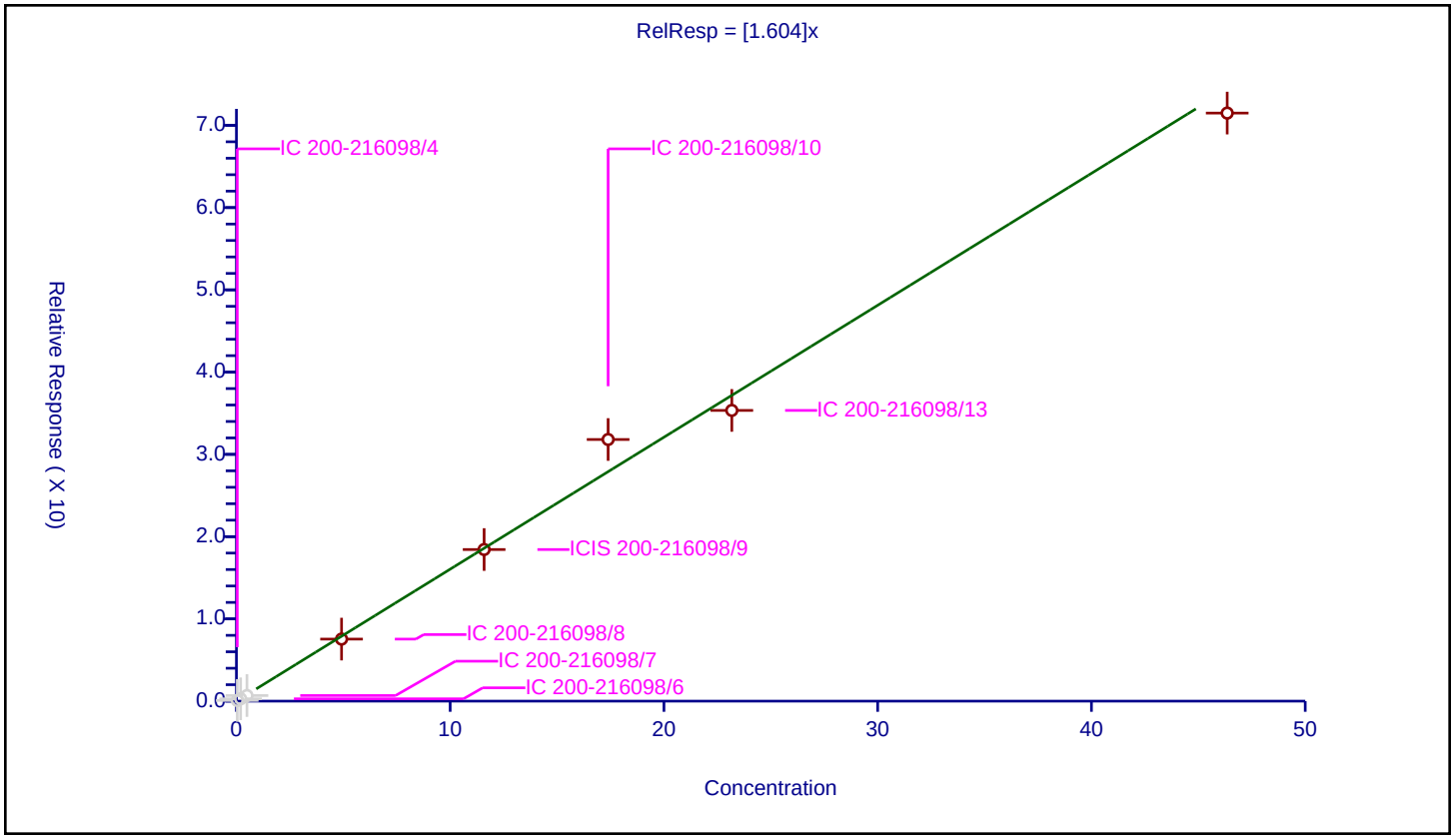
Curve Coefficients

Intercept:	0
Slope:	1.604

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.040654	0.083962	10.0	330864.0	2.065273	N
2	IC 200-216098/6	0.197463	0.28254	10.0	312381.0	1.430847	N
3	IC 200-216098/7	0.493021	0.682733	10.0	305683.0	1.384796	N
4	IC 200-216098/8	4.918423	7.543363	10.0	314149.0	1.533695	Y
5	ICIS 200-216098/9	11.587751	18.431713	10.0	317123.0	1.59062	Y
6	IC 200-216098/10	17.389122	31.808401	10.0	329219.0	1.829213	Y
7	IC 200-216098/13	23.175503	35.342291	10.0	323687.0	1.524985	Y
8	IC 200-216098/14	46.351006	71.491217	10.0	344135.0	1.542388	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

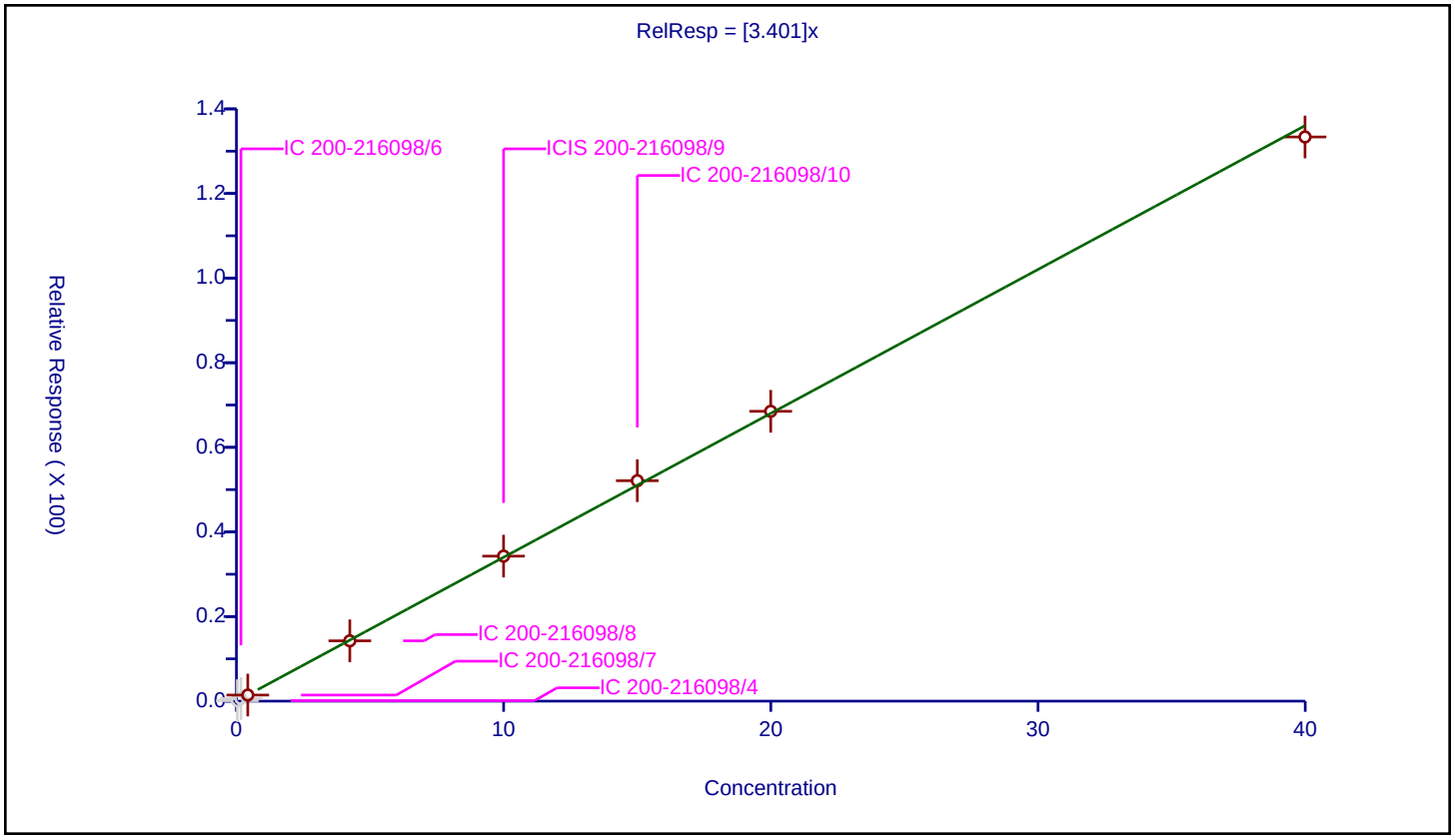
Curve Coefficients

Intercept:	0
Slope:	3.401

Error Coefficients

Relative Standard Deviation:	1.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.10929	10.0	330864.0	3.115711	N
2	IC 200-216098/6	0.170374	0.609768	10.0	312381.0	3.579004	N
3	IC 200-216098/7	0.425385	1.440708	10.0	305683.0	3.386836	Y
4	IC 200-216098/8	4.243678	14.256834	10.0	314149.0	3.359546	Y
5	ICIS 200-216098/9	9.99806	34.276574	10.0	317123.0	3.428323	Y
6	IC 200-216098/10	15.003557	52.107503	10.0	329219.0	3.47301	Y
7	IC 200-216098/13	19.99612	68.514985	10.0	323687.0	3.426414	Y
8	IC 200-216098/14	39.99224	133.366789	10.0	344135.0	3.334817	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

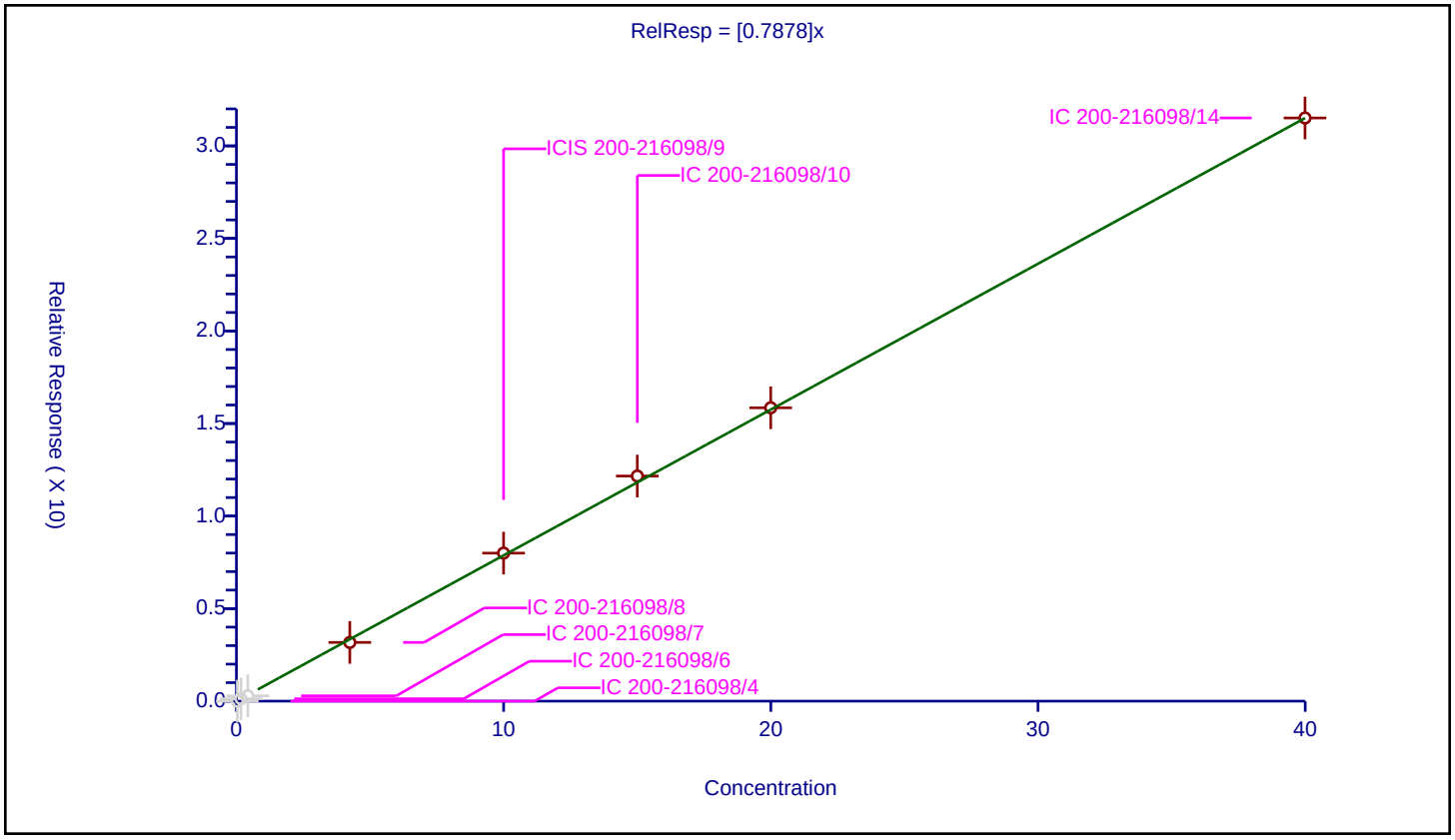
Curve Coefficients

Intercept:	0
Slope:	0.7878

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.0	10.0	330864.0	0.0	N
2	IC 200-216098/6	0.170374	0.129969	10.0	312381.0	0.762849	N
3	IC 200-216098/7	0.425385	0.288436	10.0	305683.0	0.678059	N
4	IC 200-216098/8	4.243678	3.172444	10.0	314149.0	0.747569	Y
5	ICIS 200-216098/9	9.99806	7.998222	10.0	317123.0	0.799977	Y
6	IC 200-216098/10	15.003557	12.162968	10.0	329219.0	0.810672	Y
7	IC 200-216098/13	19.99612	15.850096	10.0	323687.0	0.792659	Y
8	IC 200-216098/14	39.99224	31.509262	10.0	344135.0	0.787884	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

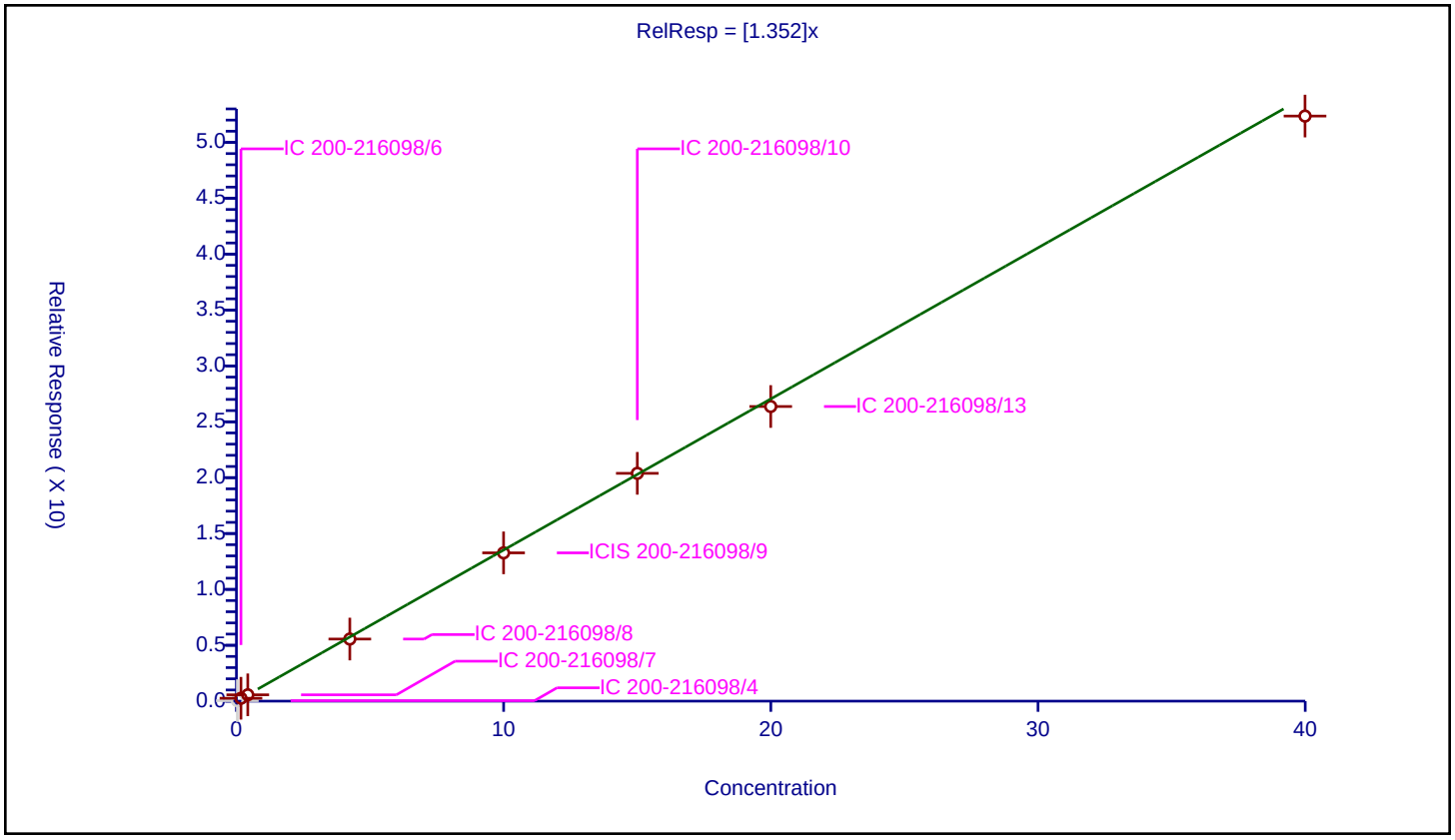
Curve Coefficients

Intercept:	0
Slope:	1.352

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.041709	10.0	330864.0	1.189071	N
2	IC 200-216098/6	0.170374	0.257858	10.0	312381.0	1.513486	Y
3	IC 200-216098/7	0.425385	0.565619	10.0	305683.0	1.329664	Y
4	IC 200-216098/8	4.243678	5.558095	10.0	314149.0	1.309735	Y
5	ICIS 200-216098/9	9.99806	13.269646	10.0	317123.0	1.327222	Y
6	IC 200-216098/10	15.003557	20.386339	10.0	329219.0	1.358767	Y
7	IC 200-216098/13	19.99612	26.366583	10.0	323687.0	1.318585	Y
8	IC 200-216098/14	39.99224	52.358696	10.0	344135.0	1.309221	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

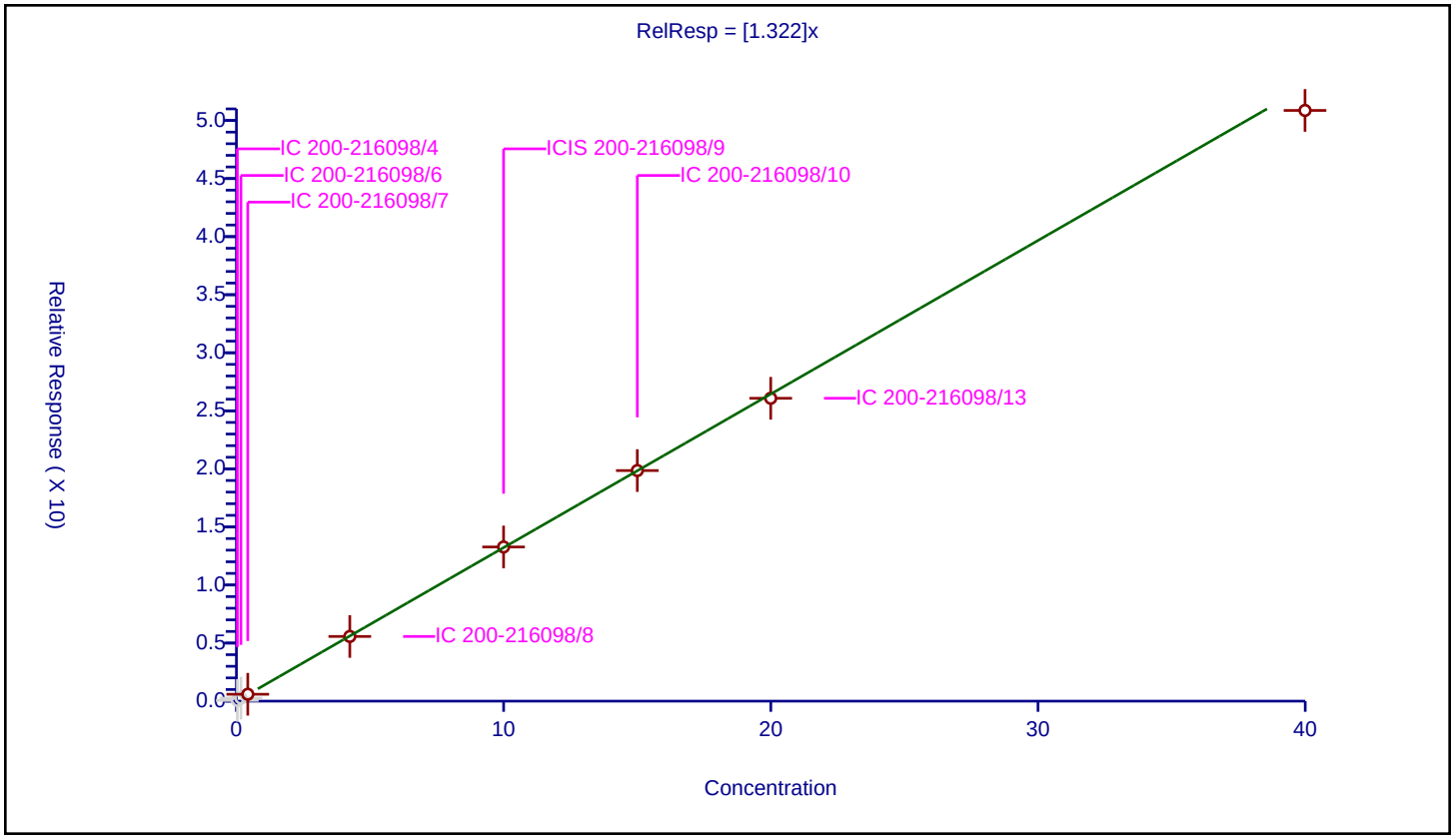
Curve Coefficients

Intercept:	0
Slope:	1.322

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.062291	10.0	330864.0	1.775852	N
2	IC 200-216098/6	0.170374	0.260963	10.0	312381.0	1.531711	N
3	IC 200-216098/7	0.425385	0.592935	10.0	305683.0	1.393878	Y
4	IC 200-216098/8	4.243678	5.568791	10.0	314149.0	1.312256	Y
5	ICIS 200-216098/9	9.99806	13.27507	10.0	317123.0	1.327765	Y
6	IC 200-216098/10	15.003557	19.857177	10.0	329219.0	1.323498	Y
7	IC 200-216098/13	19.99612	26.081647	10.0	323687.0	1.304335	Y
8	IC 200-216098/14	39.99224	50.867596	10.0	344135.0	1.271937	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

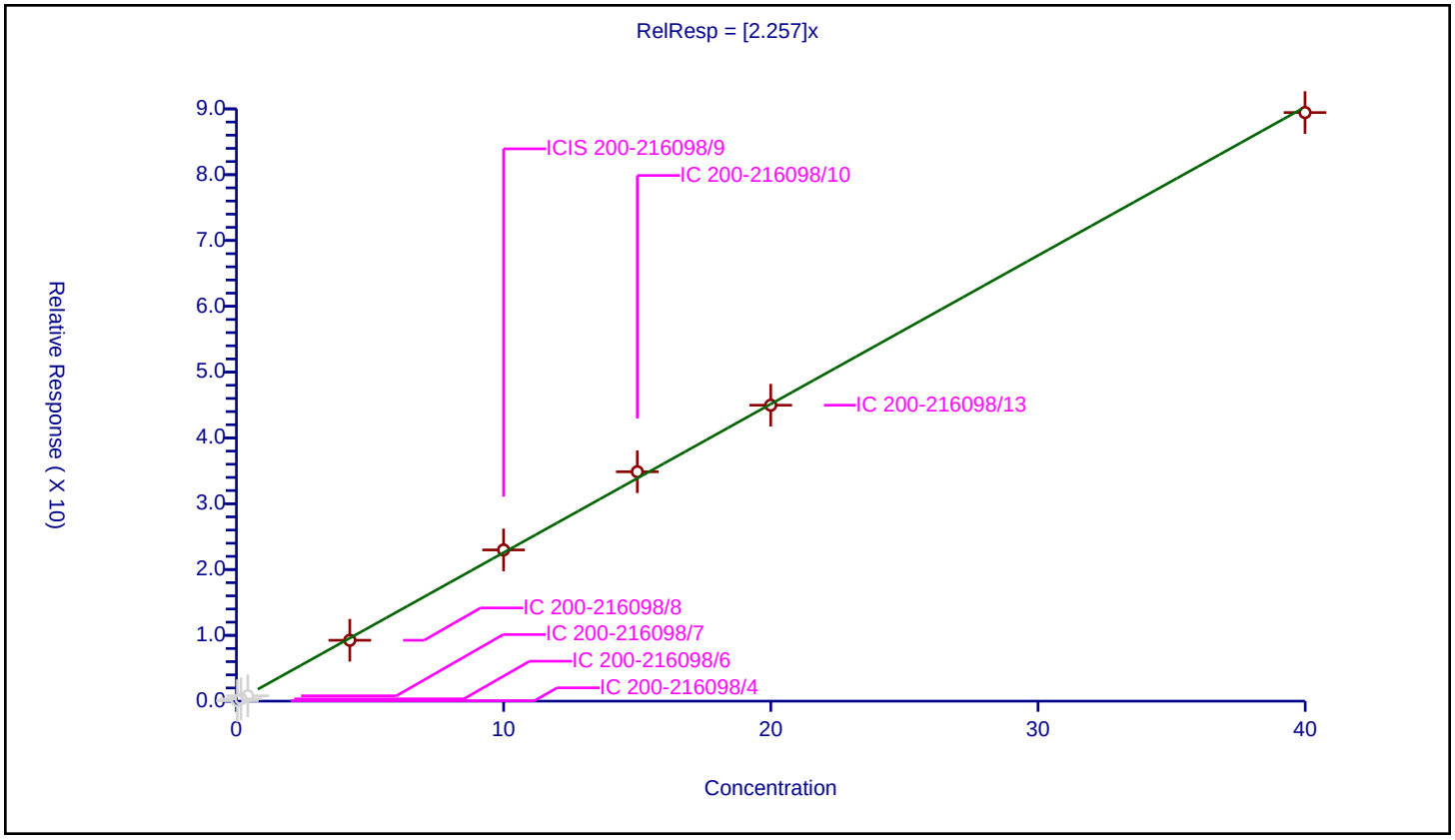
Curve Coefficients

Intercept:	0
Slope:	2.257

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.06752	10.0	330864.0	1.924917	N
2	IC 200-216098/6	0.170374	0.3473	10.0	312381.0	2.038461	N
3	IC 200-216098/7	0.425385	0.81349	10.0	305683.0	1.912363	N
4	IC 200-216098/8	4.243678	9.248732	10.0	314149.0	2.179414	Y
5	ICIS 200-216098/9	9.99806	22.977898	10.0	317123.0	2.298236	Y
6	IC 200-216098/10	15.003557	34.857952	10.0	329219.0	2.323313	Y
7	IC 200-216098/13	19.99612	44.970666	10.0	323687.0	2.24897	Y
8	IC 200-216098/14	39.99224	89.443096	10.0	344135.0	2.236511	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

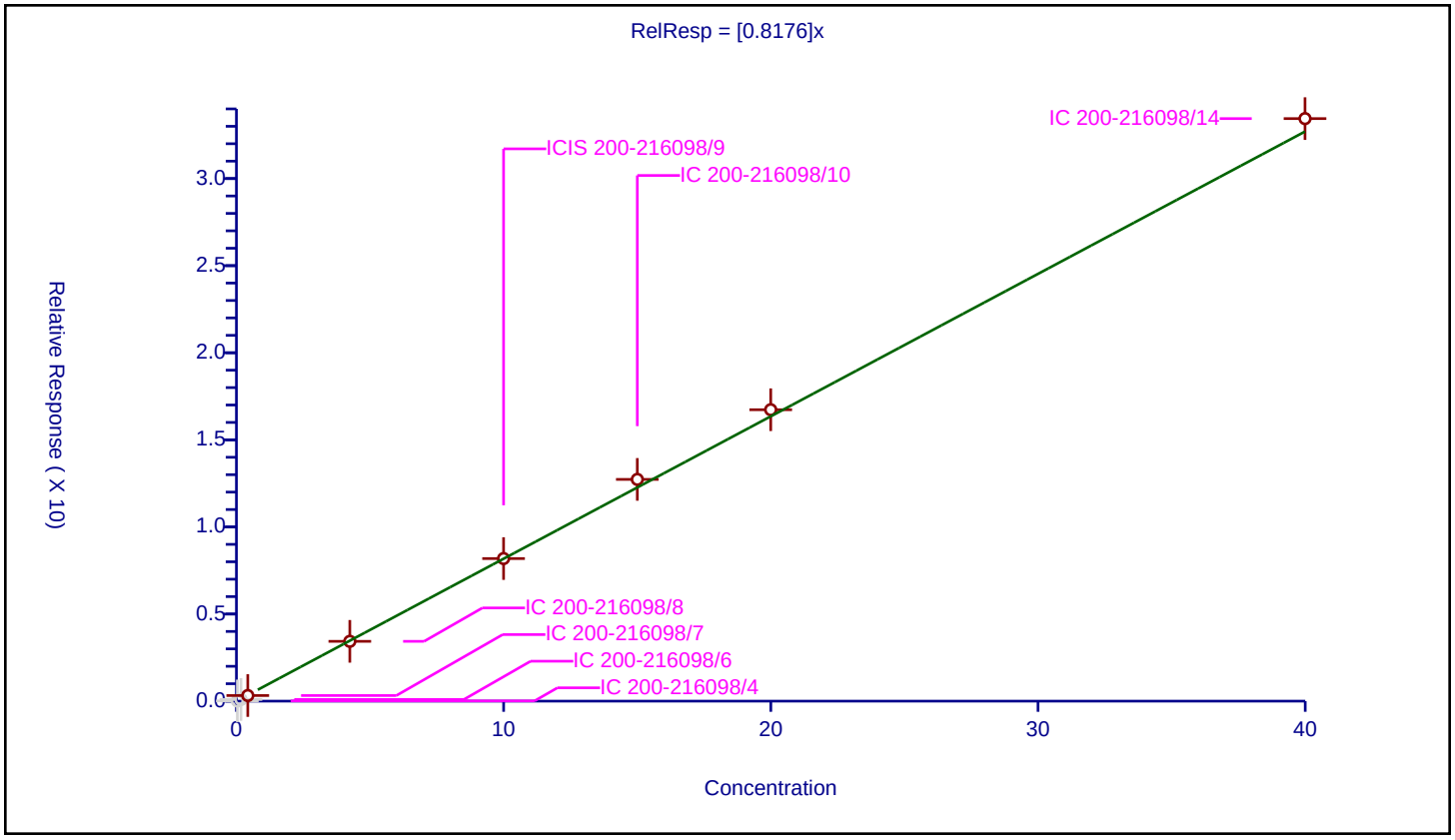
Curve Coefficients

Intercept:	0
Slope:	0.8176

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.013147	10.0	330864.0	0.374816	N
2	IC 200-216098/6	0.170374	0.096293	10.0	312381.0	0.565185	N
3	IC 200-216098/7	0.425385	0.321837	10.0	305683.0	0.756578	Y
4	IC 200-216098/8	4.243678	3.434039	10.0	314149.0	0.809213	Y
5	ICIS 200-216098/9	9.99806	8.184963	10.0	317123.0	0.818655	Y
6	IC 200-216098/10	15.003557	12.729277	10.0	329219.0	0.848417	Y
7	IC 200-216098/13	19.99612	16.730082	10.0	323687.0	0.836666	Y
8	IC 200-216098/14	39.99224	33.441731	10.0	344135.0	0.836206	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

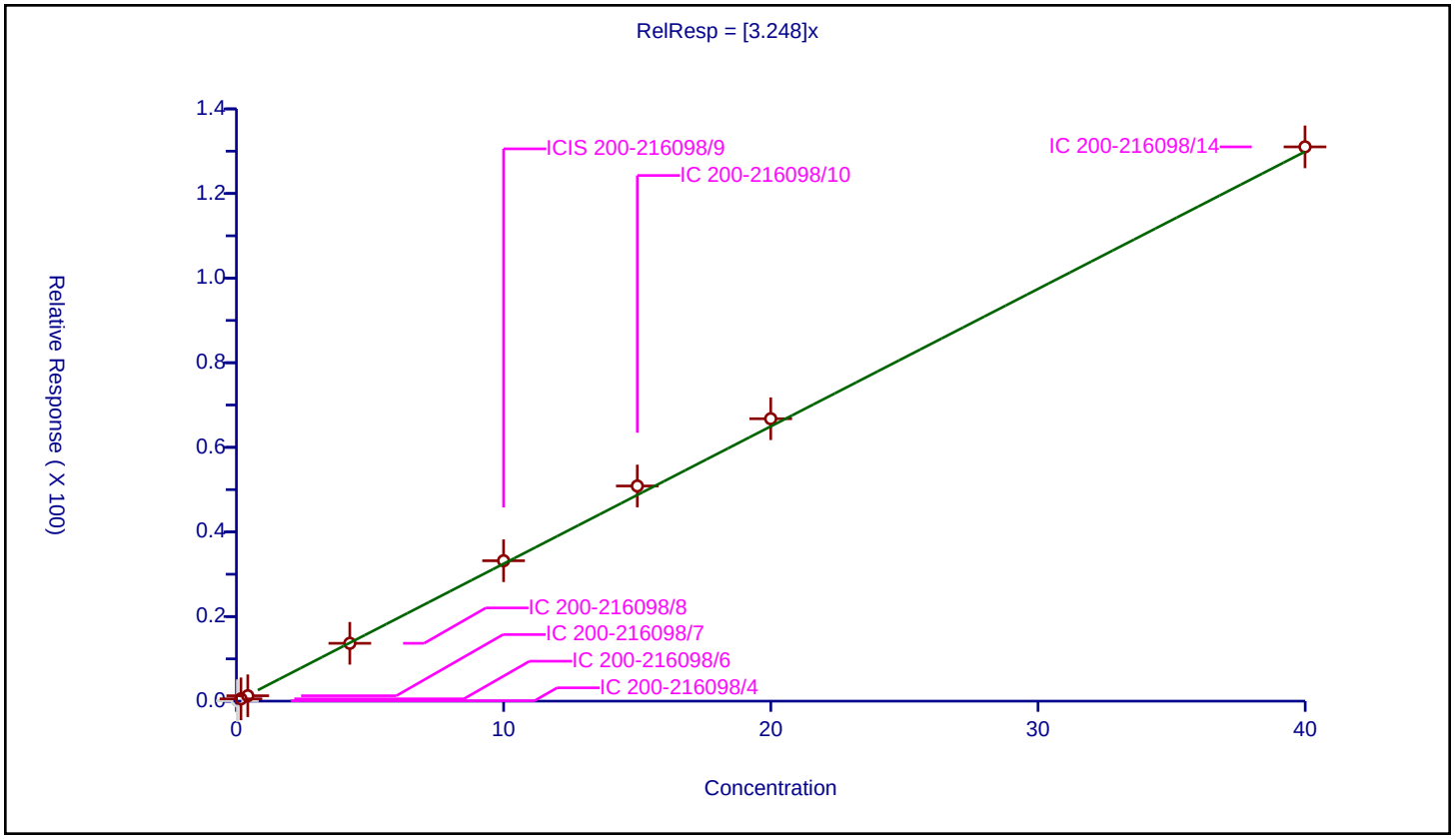
Curve Coefficients

Intercept:	0
Slope:	3.248

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.099739	10.0	330864.0	2.843431	N
2	IC 200-216098/6	0.170374	0.543215	10.0	312381.0	3.188372	Y
3	IC 200-216098/7	0.425385	1.27714	10.0	305683.0	3.002318	Y
4	IC 200-216098/8	4.243678	13.671856	10.0	314149.0	3.221699	Y
5	ICIS 200-216098/9	9.99806	33.189583	10.0	317123.0	3.319602	Y
6	IC 200-216098/10	15.003557	50.859094	10.0	329219.0	3.389802	Y
7	IC 200-216098/13	19.99612	66.757207	10.0	323687.0	3.338508	Y
8	IC 200-216098/14	39.99224	131.019338	10.0	344135.0	3.276119	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

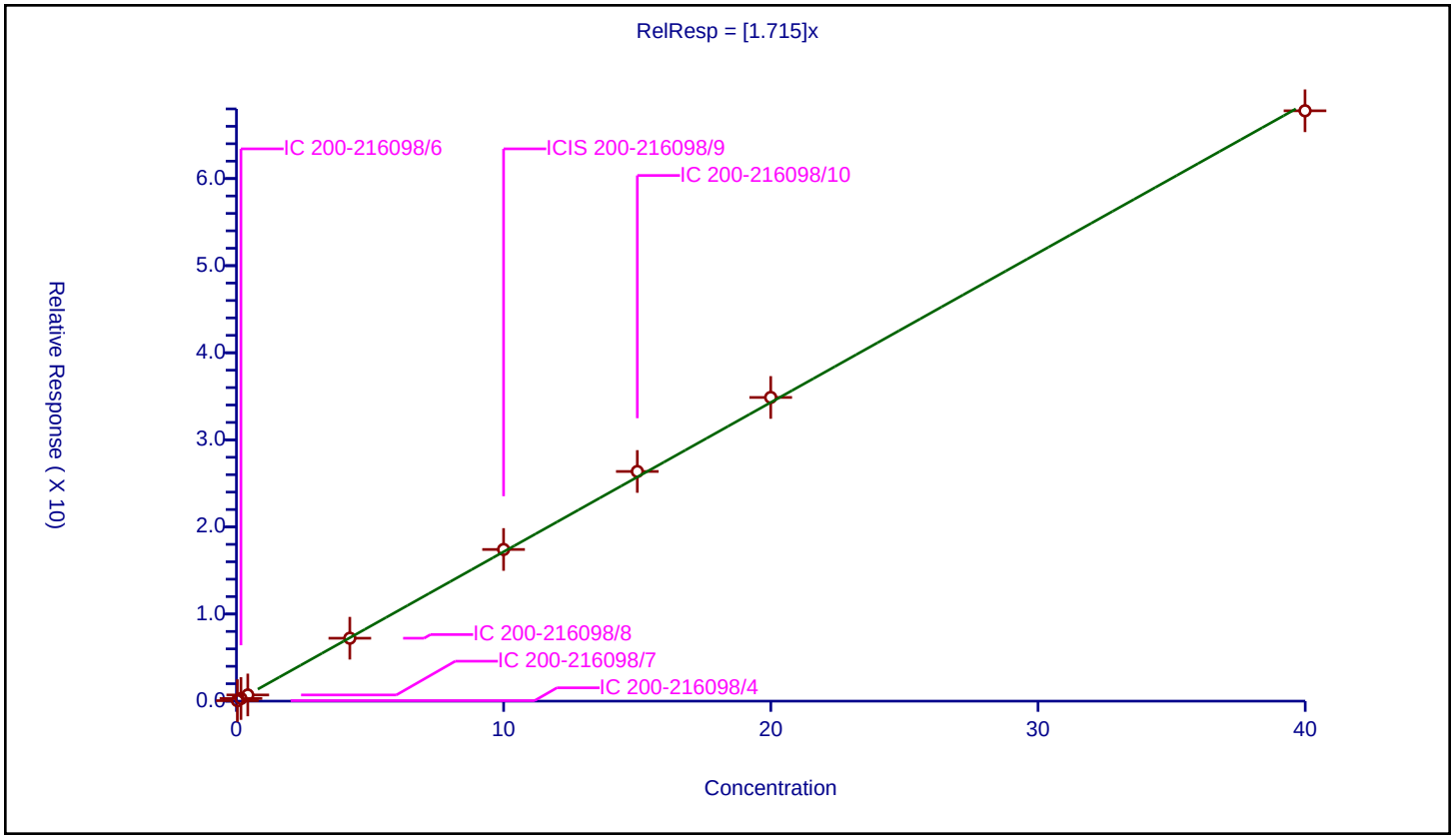
Curve Coefficients

Intercept:	0
Slope:	1.715

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.057667	10.0	330864.0	1.64402	Y
2	IC 200-216098/6	0.170374	0.300274	10.0	312381.0	1.762445	Y
3	IC 200-216098/7	0.425385	0.711947	10.0	305683.0	1.673654	Y
4	IC 200-216098/8	4.243678	7.225648	10.0	314149.0	1.702685	Y
5	ICIS 200-216098/9	9.99806	17.412581	10.0	317123.0	1.741596	Y
6	IC 200-216098/10	15.003557	26.369408	10.0	329219.0	1.757544	Y
7	IC 200-216098/13	19.99612	34.86955	10.0	323687.0	1.743816	Y
8	IC 200-216098/14	39.99224	67.784387	10.0	344135.0	1.694939	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

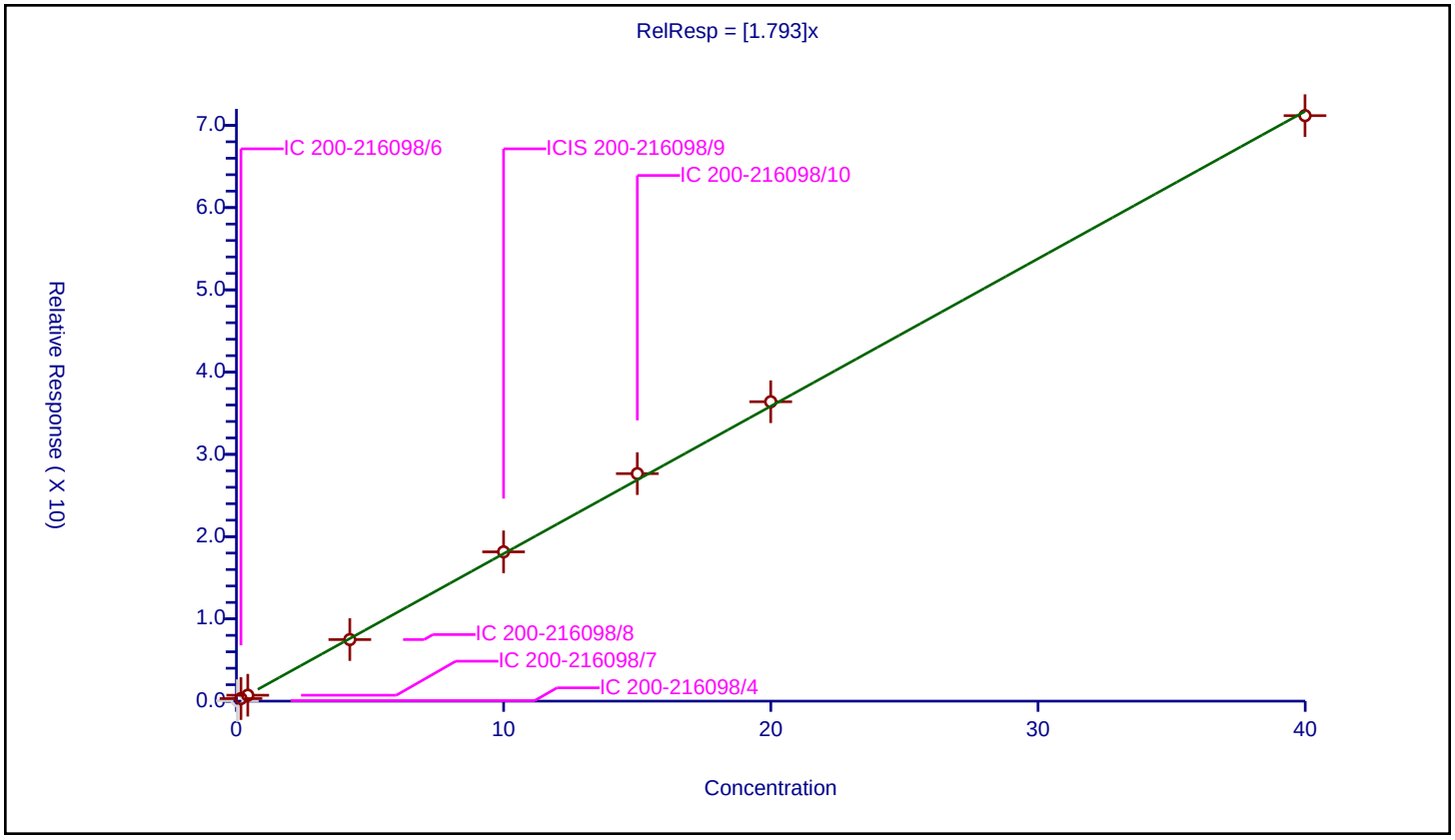
Curve Coefficients

Intercept:	0
Slope:	1.793

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.057879	10.0	330864.0	1.650052	N
2	IC 200-216098/6	0.170374	0.312727	10.0	312381.0	1.835536	Y
3	IC 200-216098/7	0.425385	0.719733	10.0	305683.0	1.691957	Y
4	IC 200-216098/8	4.243678	7.483965	10.0	314149.0	1.763556	Y
5	ICIS 200-216098/9	9.99806	18.149488	10.0	317123.0	1.815301	Y
6	IC 200-216098/10	15.003557	27.659278	10.0	329219.0	1.843515	Y
7	IC 200-216098/13	19.99612	36.397693	10.0	323687.0	1.820238	Y
8	IC 200-216098/14	39.99224	71.1773	10.0	344135.0	1.779778	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

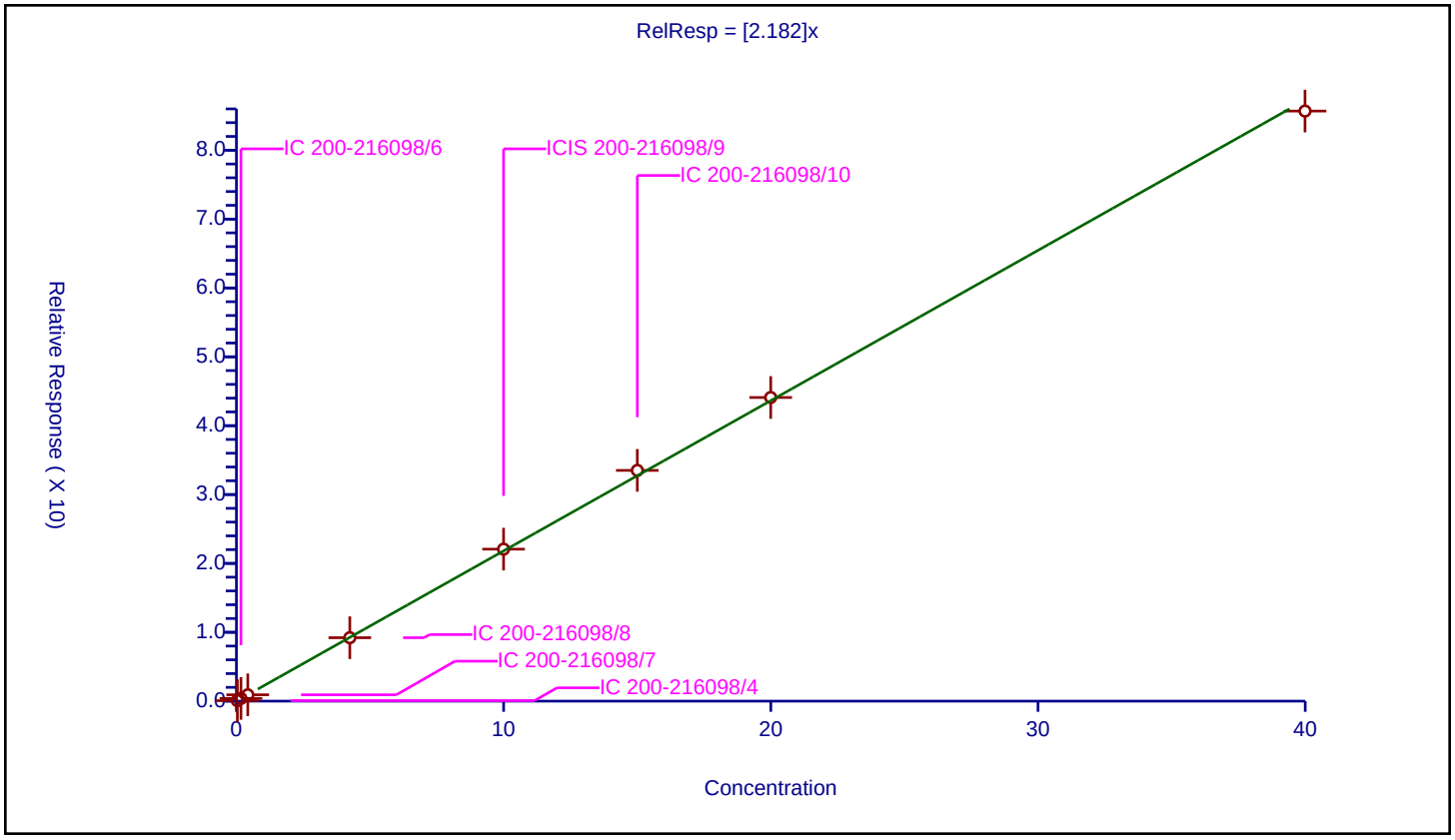
Curve Coefficients

Intercept:	0
Slope:	2.182

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.070059	10.0	330864.0	1.997295	Y
2	IC 200-216098/6	0.170374	0.396951	10.0	312381.0	2.329885	Y
3	IC 200-216098/7	0.425385	0.923048	10.0	305683.0	2.169913	Y
4	IC 200-216098/8	4.243678	9.211966	10.0	314149.0	2.17075	Y
5	ICIS 200-216098/9	9.99806	22.071625	10.0	317123.0	2.207591	Y
6	IC 200-216098/10	15.003557	33.505417	10.0	329219.0	2.233165	Y
7	IC 200-216098/13	19.99612	44.093306	10.0	323687.0	2.205093	Y
8	IC 200-216098/14	39.99224	85.687477	10.0	344135.0	2.142603	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

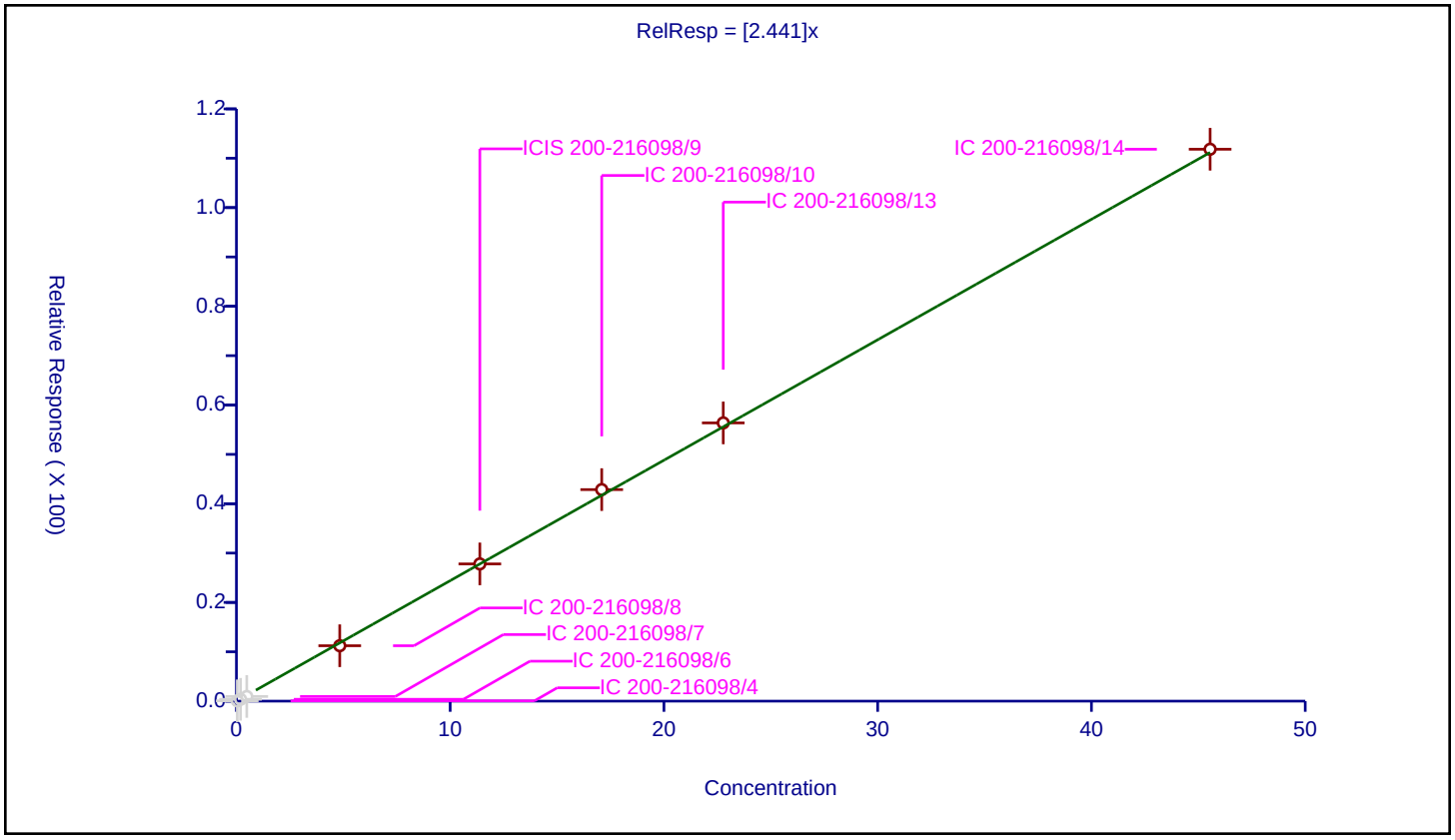
Curve Coefficients

Intercept:	0
Slope:	2.441

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.039953	0.060387	10.0	330864.0	1.511473	N
2	IC 200-216098/6	0.194056	0.373422	10.0	312381.0	1.924305	N
3	IC 200-216098/7	0.484513	0.948172	10.0	305683.0	1.956958	N
4	IC 200-216098/8	4.83355	11.228525	10.0	314149.0	2.323039	Y
5	ICIS 200-216098/9	11.38779	27.80716	10.0	317123.0	2.44184	Y
6	IC 200-216098/10	17.089051	42.859373	10.0	329219.0	2.508002	Y
7	IC 200-216098/13	22.77558	56.374121	10.0	323687.0	2.4752	Y
8	IC 200-216098/14	45.551161	111.824139	10.0	344135.0	2.454913	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

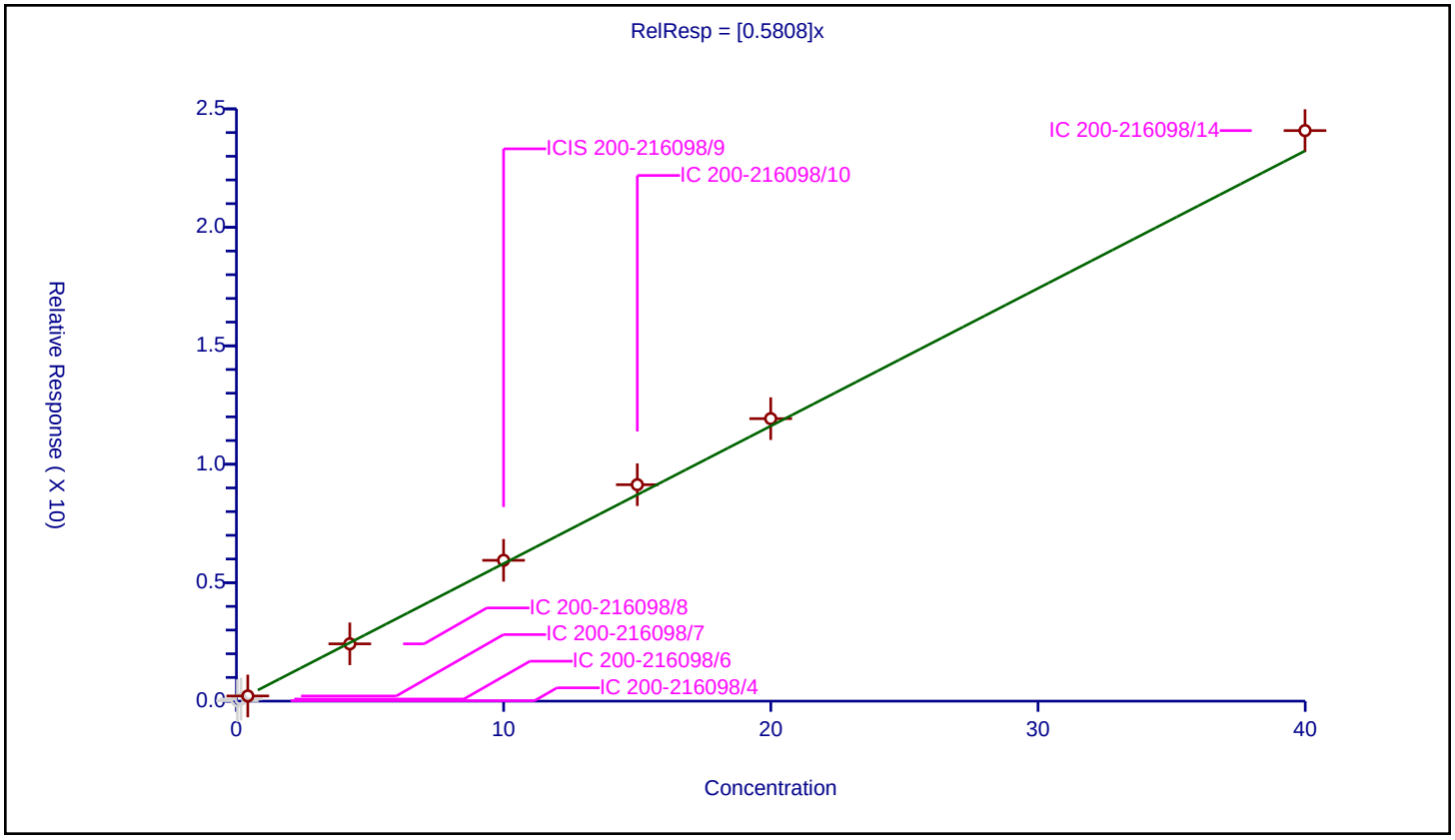
Curve Coefficients

Intercept:	0
Slope:	0.5808

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.01895	10.0	330864.0	0.540252	N
2	IC 200-216098/6	0.170374	0.087777	10.0	312381.0	0.515205	N
3	IC 200-216098/7	0.425385	0.218134	10.0	305683.0	0.512793	Y
4	IC 200-216098/8	4.243678	2.418438	10.0	314149.0	0.569892	Y
5	ICIS 200-216098/9	9.99806	5.944476	10.0	317123.0	0.594563	Y
6	IC 200-216098/10	15.003557	9.136471	10.0	329219.0	0.608954	Y
7	IC 200-216098/13	19.99612	11.925131	10.0	323687.0	0.596372	Y
8	IC 200-216098/14	39.99224	24.083194	10.0	344135.0	0.602197	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

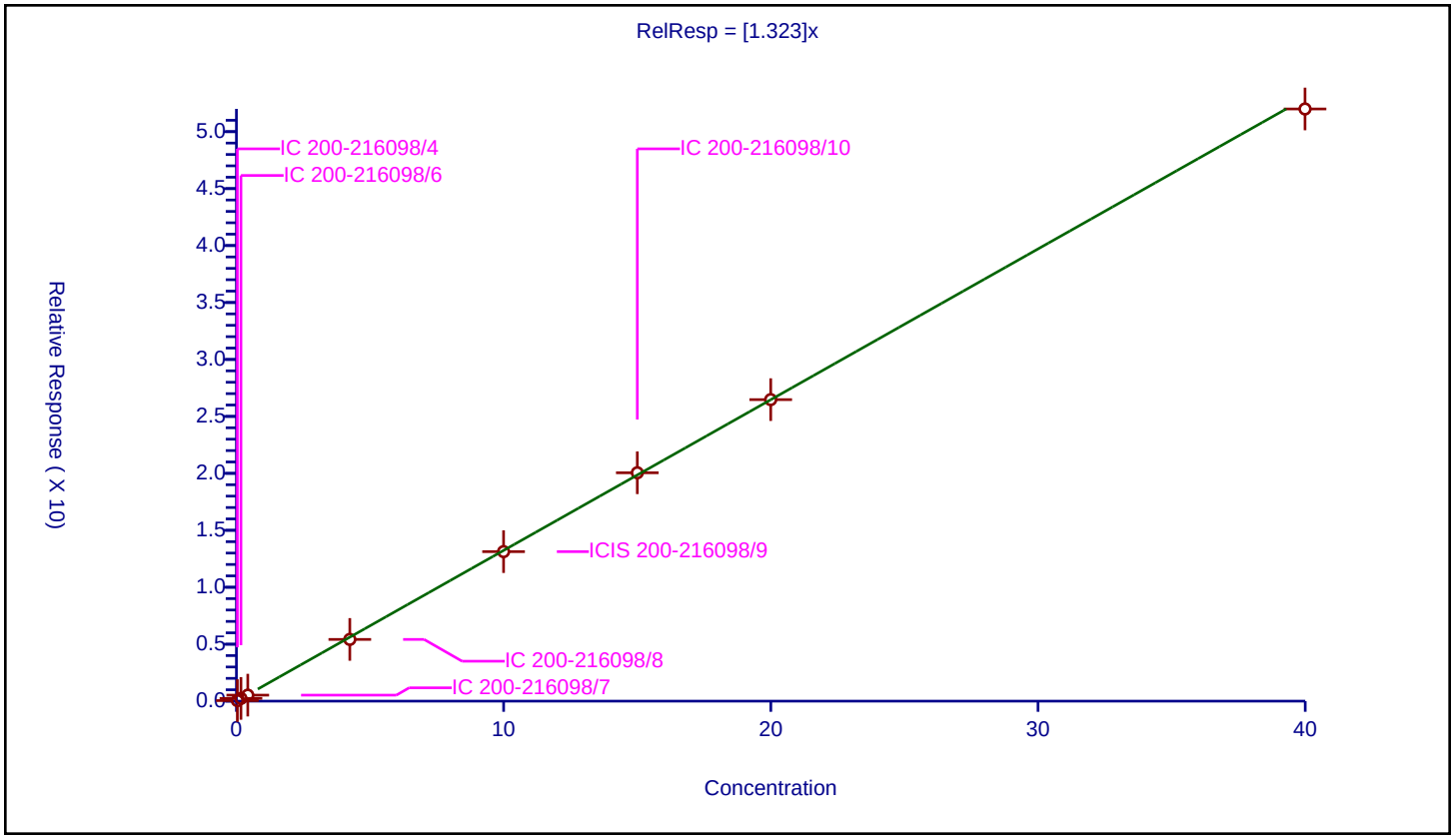
Curve Coefficients

Intercept:	0
Slope:	1.323

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.048691	10.0	330864.0	1.388111	Y
2	IC 200-216098/6	0.170374	0.239771	10.0	312381.0	1.407326	Y
3	IC 200-216098/7	0.425385	0.528162	10.0	305683.0	1.241609	Y
4	IC 200-216098/8	4.243678	5.419976	10.0	314149.0	1.277188	Y
5	ICIS 200-216098/9	9.99806	13.126232	10.0	317123.0	1.312878	Y
6	IC 200-216098/10	15.003557	20.051759	10.0	329219.0	1.336467	Y
7	IC 200-216098/13	19.99612	26.474032	10.0	323687.0	1.323958	Y
8	IC 200-216098/14	39.99224	51.993288	10.0	344135.0	1.300084	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

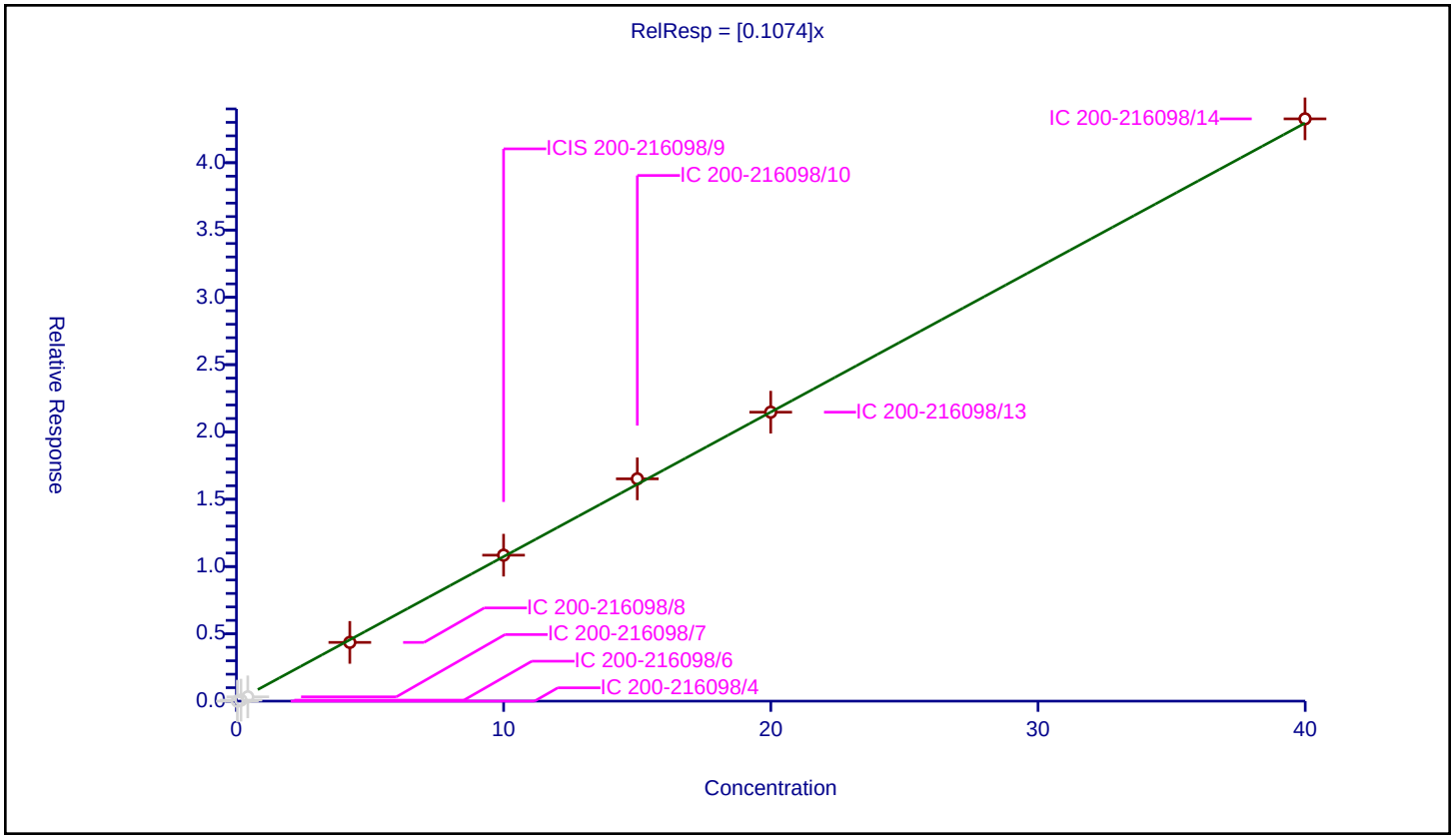
Curve Coefficients

Intercept:	0
Slope:	0.1074

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.0	10.0	330864.0	0.0	N
2	IC 200-216098/6	0.170374	0.007363	10.0	312381.0	0.043216	N
3	IC 200-216098/7	0.425385	0.031863	10.0	305683.0	0.074904	N
4	IC 200-216098/8	4.243678	0.436353	10.0	314149.0	0.102824	Y
5	ICIS 200-216098/9	9.99806	1.084374	10.0	317123.0	0.108458	Y
6	IC 200-216098/10	15.003557	1.651606	10.0	329219.0	0.110081	Y
7	IC 200-216098/13	19.99612	2.146889	10.0	323687.0	0.107365	Y
8	IC 200-216098/14	39.99224	4.326035	10.0	344135.0	0.108172	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

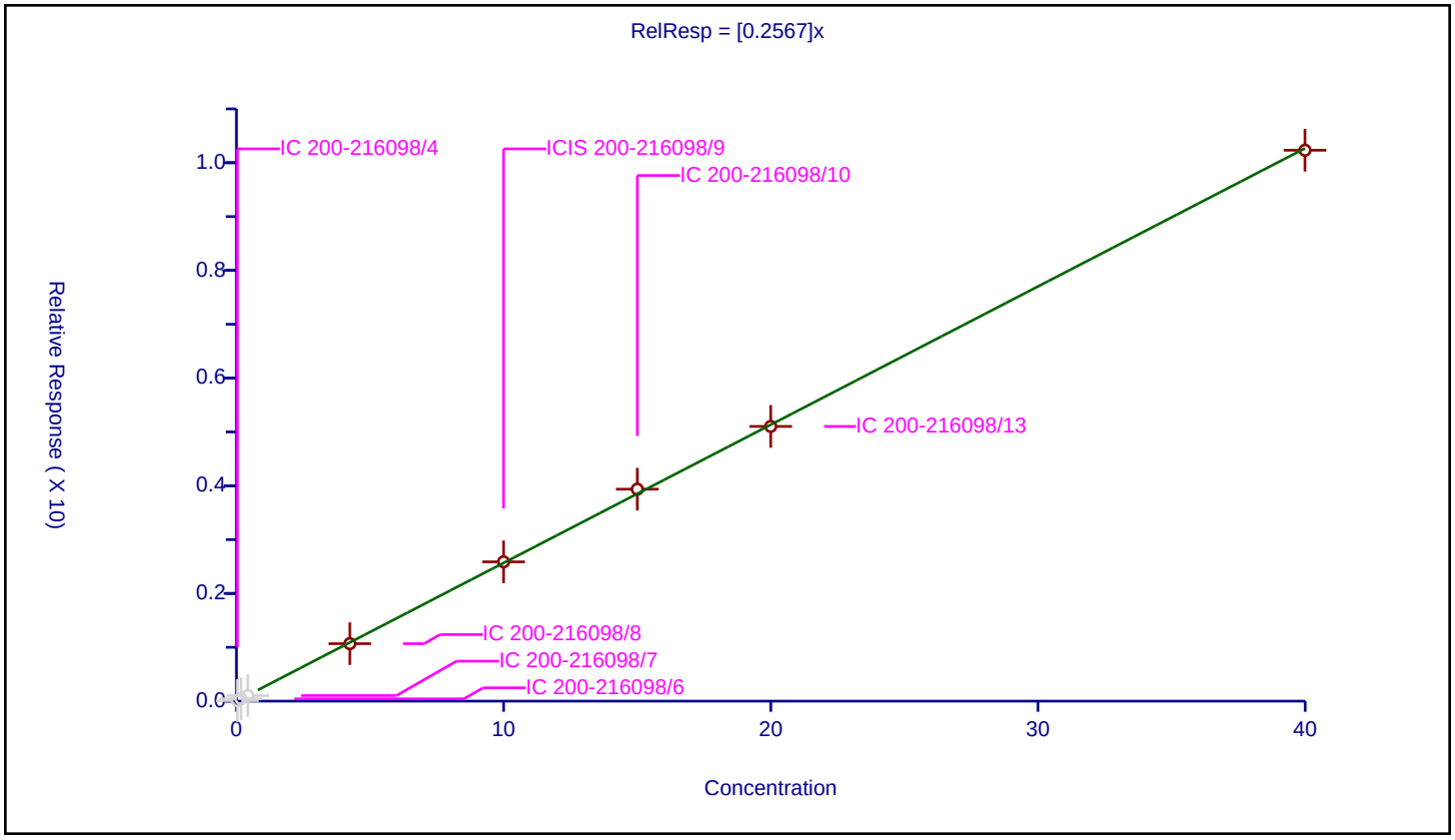
Curve Coefficients

Intercept:	0
Slope:	0.2567

Error Coefficients

Relative Standard Deviation:	1.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.009757	10.0	1600939.0	0.278153	N
2	IC 200-216098/6	0.170374	0.042688	10.0	1521967.0	0.250556	N
3	IC 200-216098/7	0.425385	0.102731	10.0	1483000.0	0.241501	N
4	IC 200-216098/8	4.243678	1.067193	10.0	1523333.0	0.251478	Y
5	ICIS 200-216098/9	9.99806	2.587326	10.0	1548873.0	0.258783	Y
6	IC 200-216098/10	15.003557	3.936839	10.0	1589392.0	0.262394	Y
7	IC 200-216098/13	19.99612	5.102457	10.0	1573099.0	0.255172	Y
8	IC 200-216098/14	39.99224	10.232152	10.0	1647195.0	0.255853	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

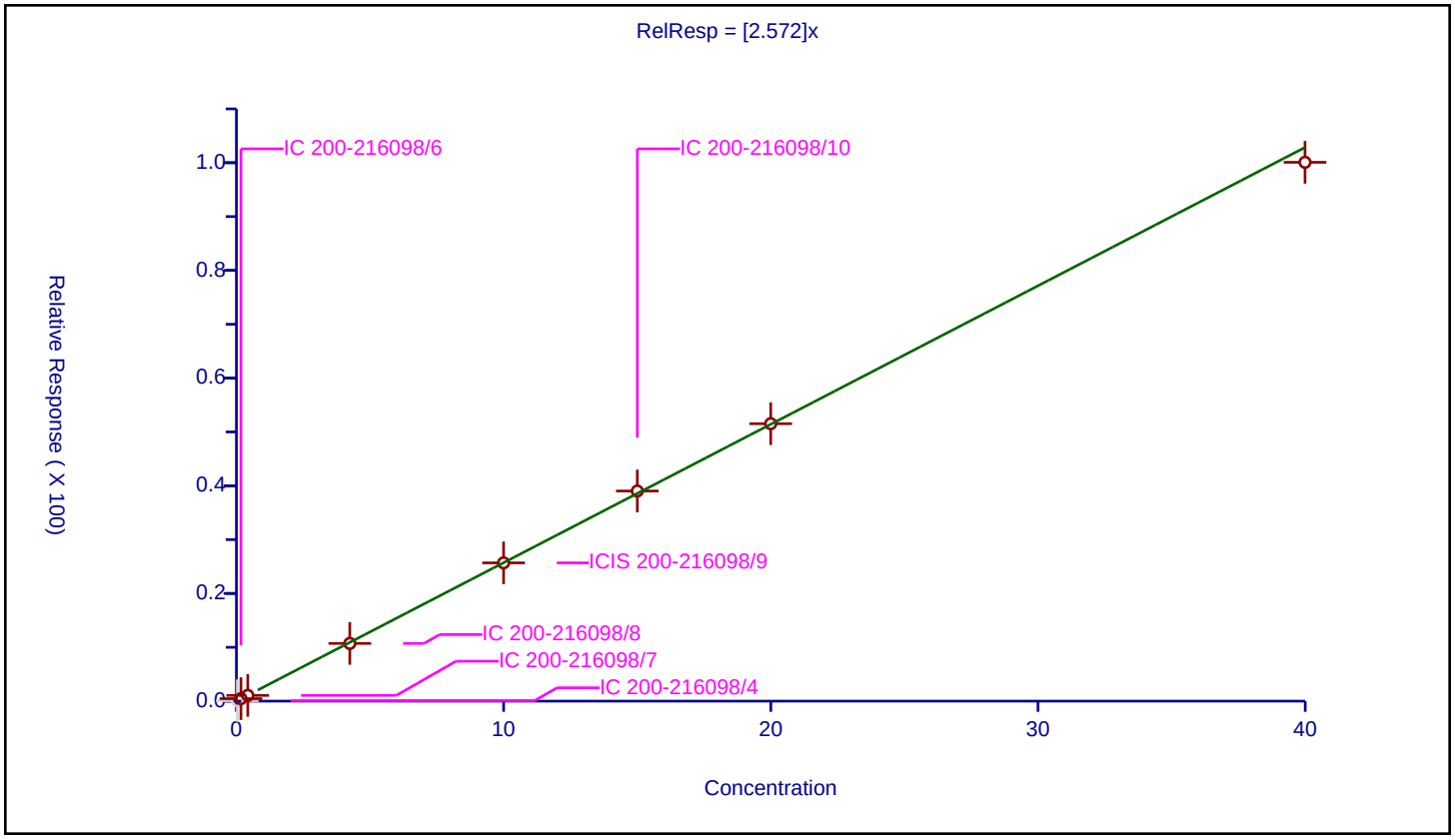
Curve Coefficients

Intercept:	0
Slope:	2.572

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.086803	10.0	330864.0	2.474647	N
2	IC 200-216098/6	0.170374	0.464017	10.0	312381.0	2.723523	Y
3	IC 200-216098/7	0.425385	1.064894	10.0	305683.0	2.503367	Y
4	IC 200-216098/8	4.243678	10.716125	10.0	314149.0	2.525197	Y
5	ICIS 200-216098/9	9.99806	25.679563	10.0	317123.0	2.568455	Y
6	IC 200-216098/10	15.003557	39.025482	10.0	329219.0	2.601082	Y
7	IC 200-216098/13	19.99612	51.529719	10.0	323687.0	2.576986	Y
8	IC 200-216098/14	39.99224	100.081305	10.0	344135.0	2.502518	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

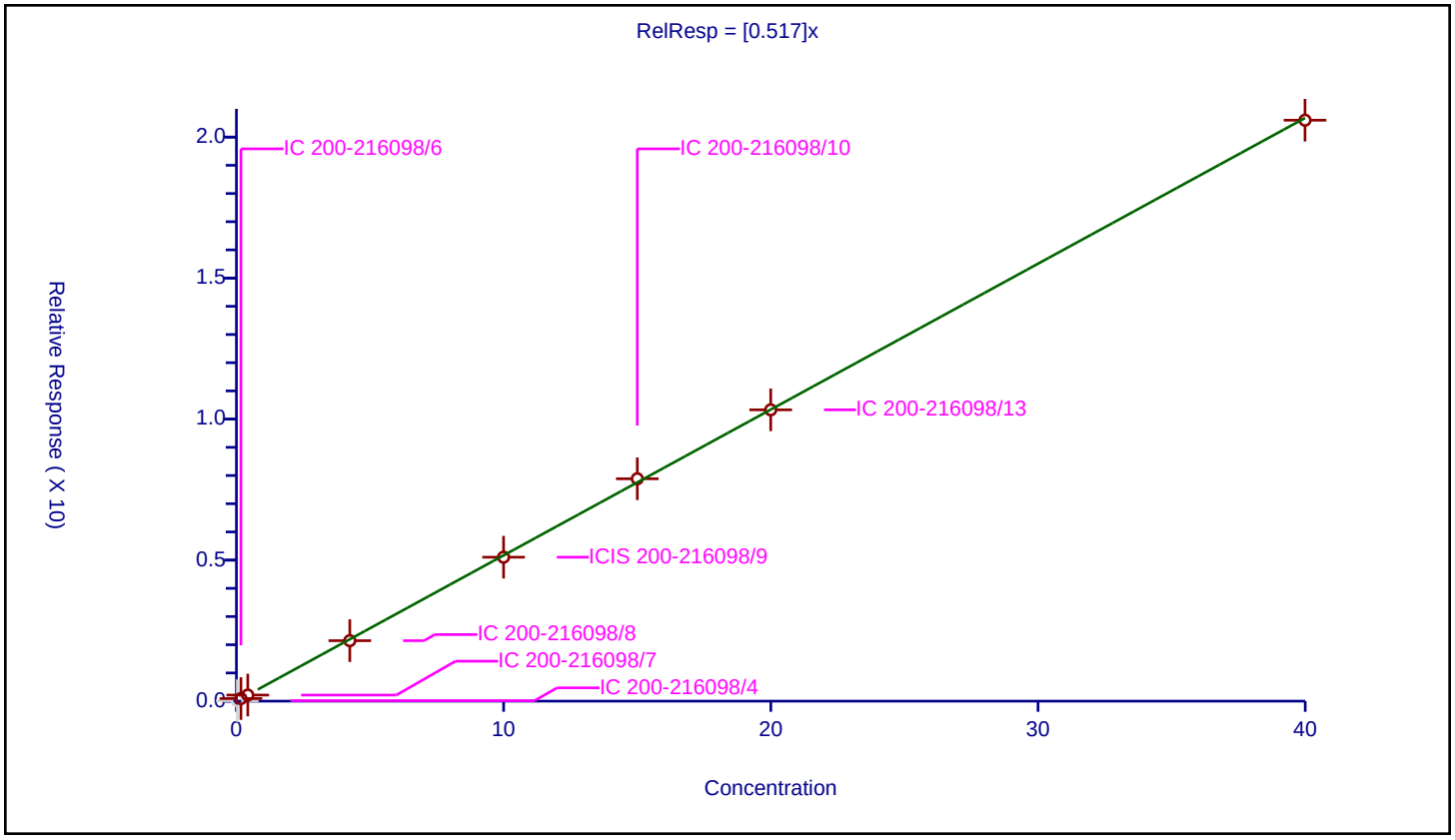
Curve Coefficients

Intercept:	0
Slope:	0.517

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.015991	10.0	1600939.0	0.455873	N
2	IC 200-216098/6	0.170374	0.091855	10.0	1521967.0	0.539137	Y
3	IC 200-216098/7	0.425385	0.215657	10.0	1483000.0	0.50697	Y
4	IC 200-216098/8	4.243678	2.14418	10.0	1523333.0	0.505264	Y
5	ICIS 200-216098/9	9.99806	5.103963	10.0	1548873.0	0.510495	Y
6	IC 200-216098/10	15.003557	7.884984	10.0	1589392.0	0.525541	Y
7	IC 200-216098/13	19.99612	10.329121	10.0	1573099.0	0.516556	Y
8	IC 200-216098/14	39.99224	20.598684	10.0	1647195.0	0.515067	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

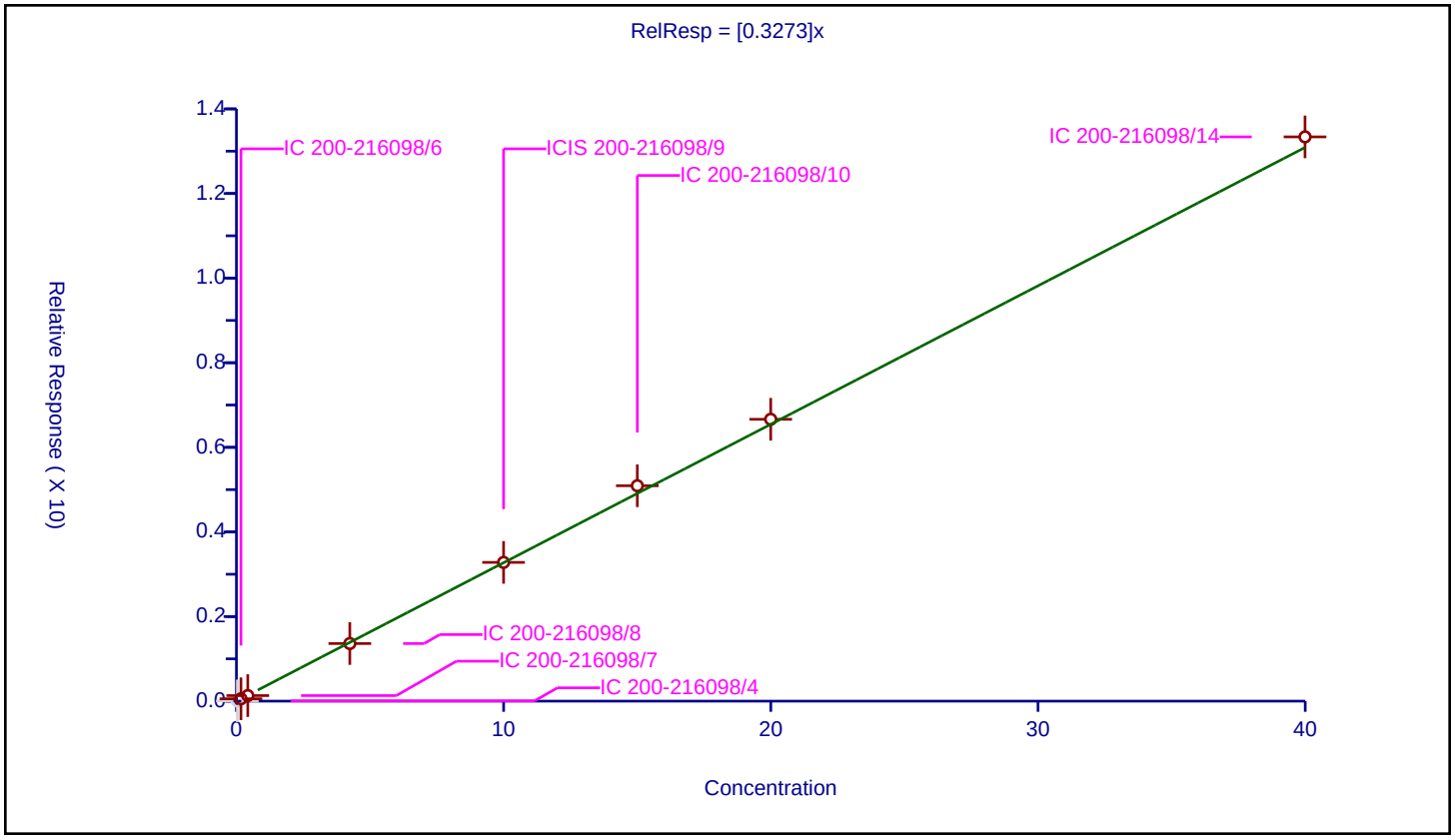
Curve Coefficients

Intercept:	0
Slope:	0.3273

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.005097	10.0	1600939.0	0.145309	N
2	IC 200-216098/6	0.170374	0.055855	10.0	1521967.0	0.32784	Y
3	IC 200-216098/7	0.425385	0.131025	10.0	1483000.0	0.308015	Y
4	IC 200-216098/8	4.243678	1.36139	10.0	1523333.0	0.320804	Y
5	ICIS 200-216098/9	9.99806	3.280017	10.0	1548873.0	0.328065	Y
6	IC 200-216098/10	15.003557	5.092004	10.0	1589392.0	0.339386	Y
7	IC 200-216098/13	19.99612	6.662886	10.0	1573099.0	0.333209	Y
8	IC 200-216098/14	39.99224	13.338117	10.0	1647195.0	0.333518	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

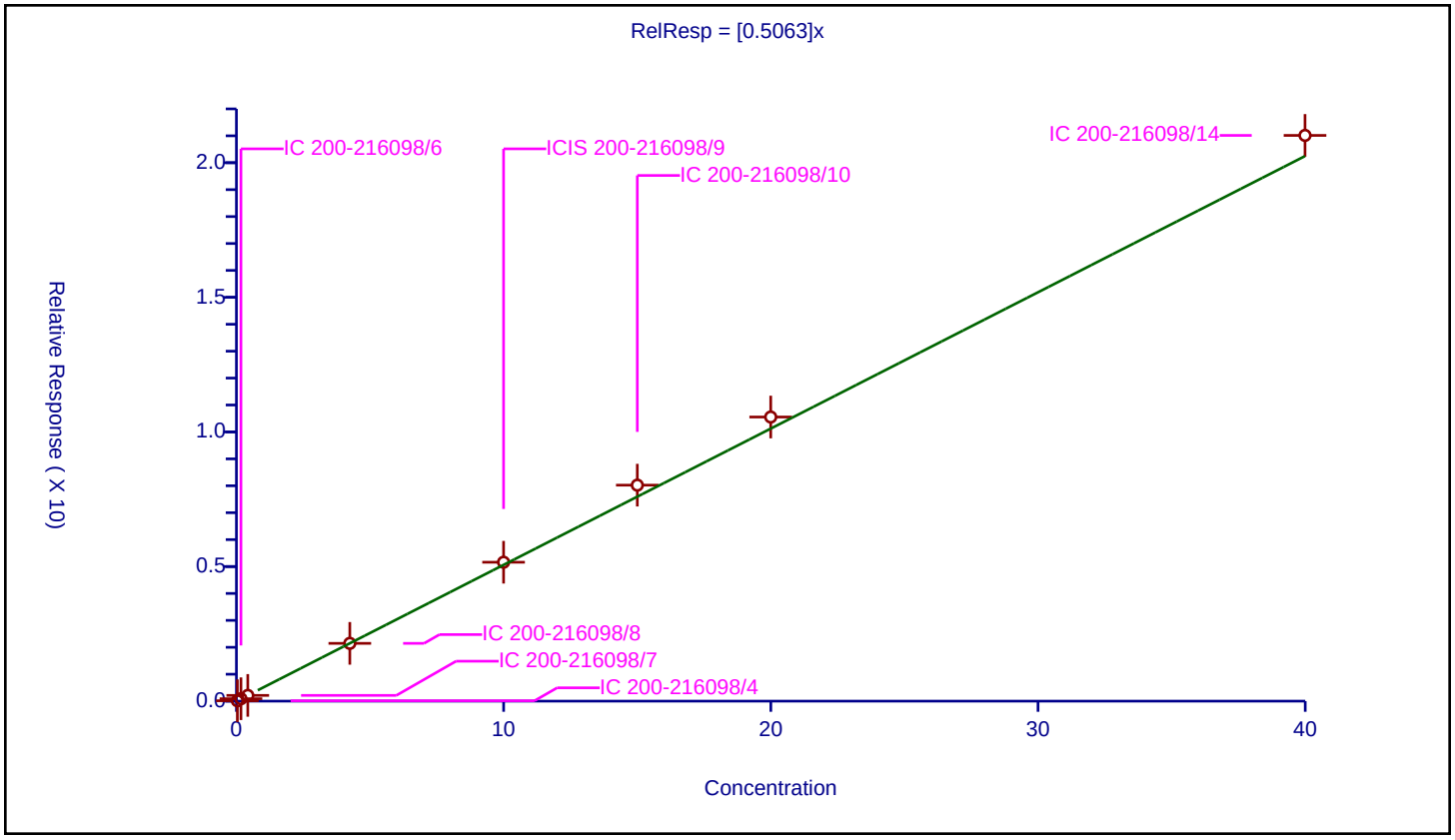
Curve Coefficients

Intercept:	0
Slope:	0.5063

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.014504	10.0	1600939.0	0.413491	Y
2	IC 200-216098/6	0.170374	0.089424	10.0	1521967.0	0.524868	Y
3	IC 200-216098/7	0.425385	0.213432	10.0	1483000.0	0.501739	Y
4	IC 200-216098/8	4.243678	2.146602	10.0	1523333.0	0.505835	Y
5	ICIS 200-216098/9	9.99806	5.160333	10.0	1548873.0	0.516133	Y
6	IC 200-216098/10	15.003557	8.02293	10.0	1589392.0	0.534735	Y
7	IC 200-216098/13	19.99612	10.553862	10.0	1573099.0	0.527796	Y
8	IC 200-216098/14	39.99224	21.014956	10.0	1647195.0	0.525476	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

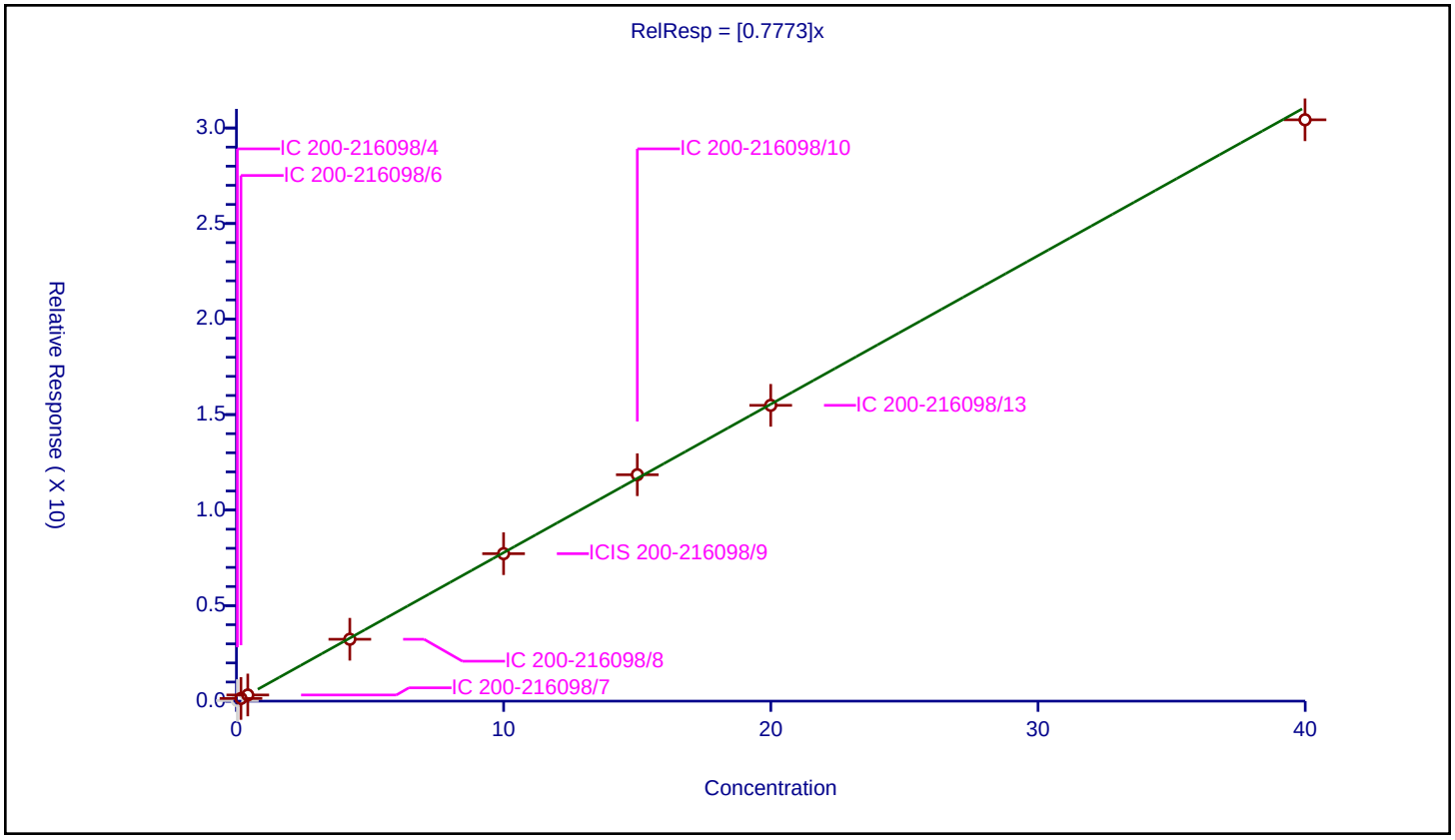
Curve Coefficients

Intercept:	0
Slope:	0.7773

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.029508	10.0	1600939.0	0.841227	N
2	IC 200-216098/6	0.170374	0.140134	10.0	1521967.0	0.822512	Y
3	IC 200-216098/7	0.425385	0.32232	10.0	1483000.0	0.757713	Y
4	IC 200-216098/8	4.243678	3.239863	10.0	1523333.0	0.763456	Y
5	ICIS 200-216098/9	9.99806	7.71849	10.0	1548873.0	0.771999	Y
6	IC 200-216098/10	15.003557	11.850789	10.0	1589392.0	0.789865	Y
7	IC 200-216098/13	19.99612	15.483463	10.0	1573099.0	0.774323	Y
8	IC 200-216098/14	39.99224	30.430477	10.0	1647195.0	0.76091	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

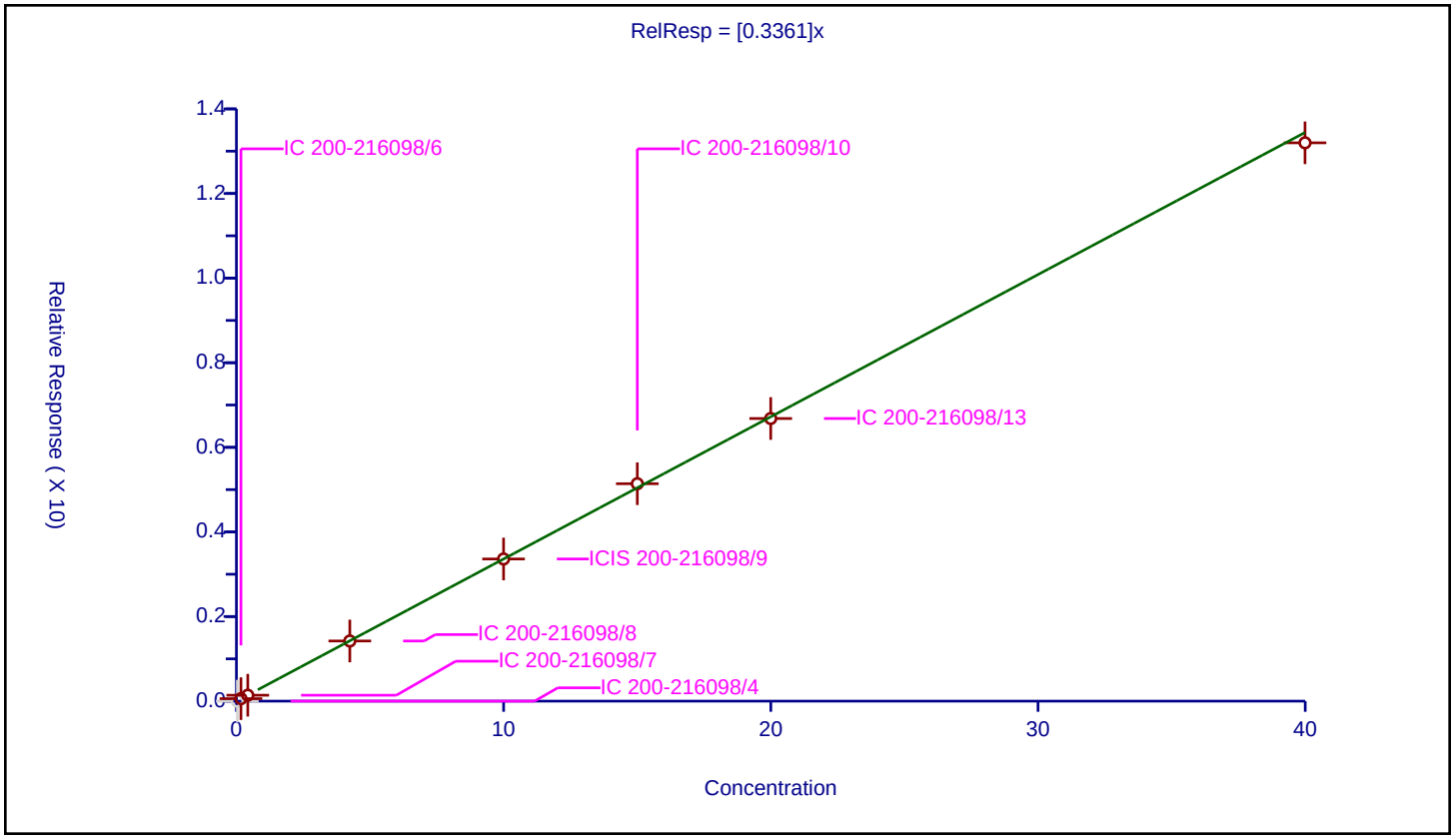
Curve Coefficients

Intercept:	0
Slope:	0.3361

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.0	10.0	1600939.0	0.0	N
2	IC 200-216098/6	0.170374	0.059003	10.0	1521967.0	0.346313	Y
3	IC 200-216098/7	0.425385	0.139811	10.0	1483000.0	0.32867	Y
4	IC 200-216098/8	4.243678	1.421889	10.0	1523333.0	0.33506	Y
5	ICIS 200-216098/9	9.99806	3.360463	10.0	1548873.0	0.336111	Y
6	IC 200-216098/10	15.003557	5.13955	10.0	1589392.0	0.342555	Y
7	IC 200-216098/13	19.99612	6.68108	10.0	1573099.0	0.334119	Y
8	IC 200-216098/14	39.99224	13.19766	10.0	1647195.0	0.330006	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

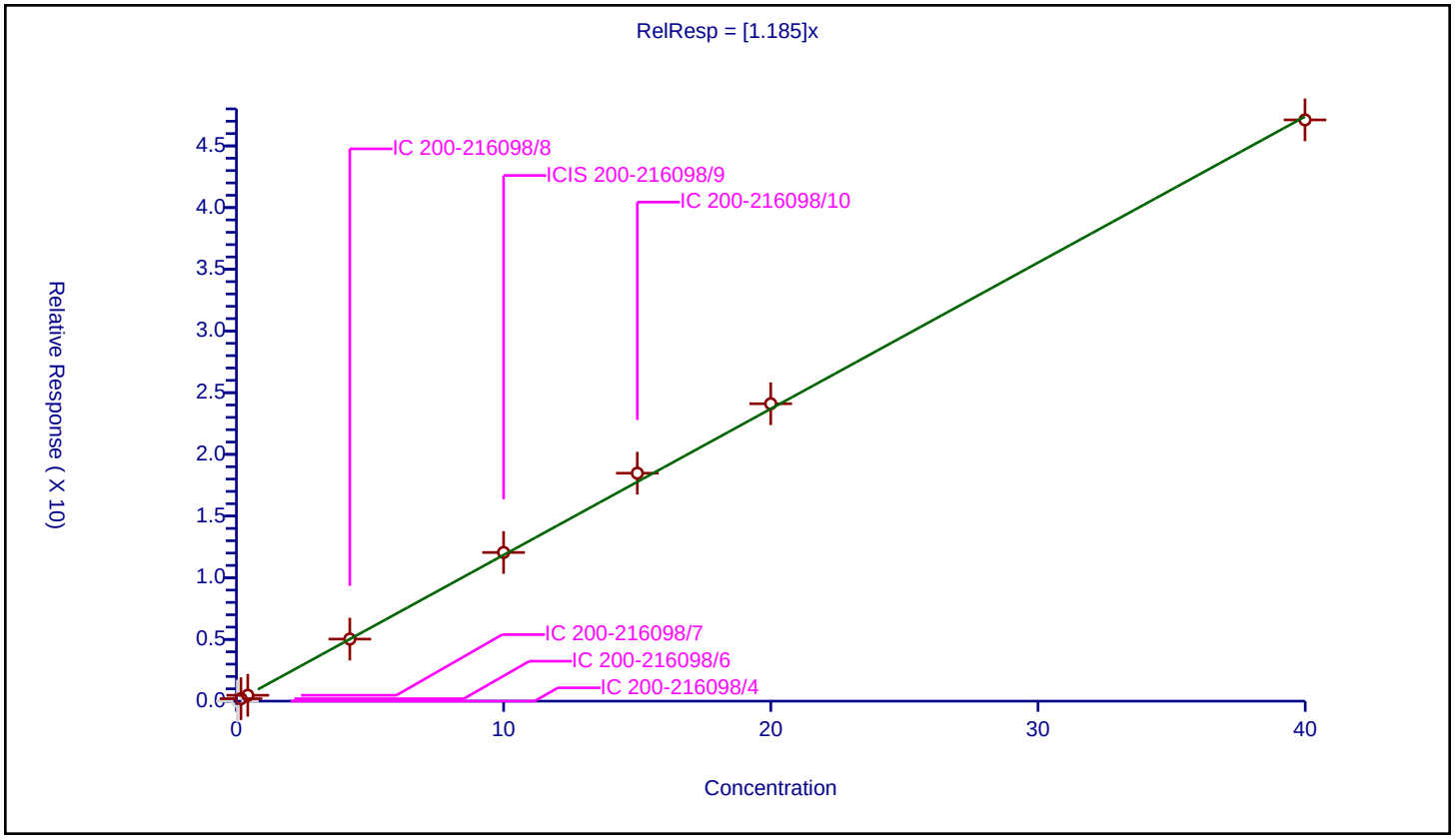
Curve Coefficients

Intercept:	0
Slope:	1.185

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.0	10.0	1600939.0	0.0	N
2	IC 200-216098/6	0.170374	0.199058	10.0	1521967.0	1.168362	Y
3	IC 200-216098/7	0.425385	0.475671	10.0	1483000.0	1.118214	Y
4	IC 200-216098/8	4.243678	5.029813	10.0	1523333.0	1.185248	Y
5	ICIS 200-216098/9	9.99806	12.05104	10.0	1548873.0	1.205338	Y
6	IC 200-216098/10	15.003557	18.474631	10.0	1589392.0	1.23135	Y
7	IC 200-216098/13	19.99612	24.104796	10.0	1573099.0	1.205474	Y
8	IC 200-216098/14	39.99224	47.108709	10.0	1647195.0	1.177946	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

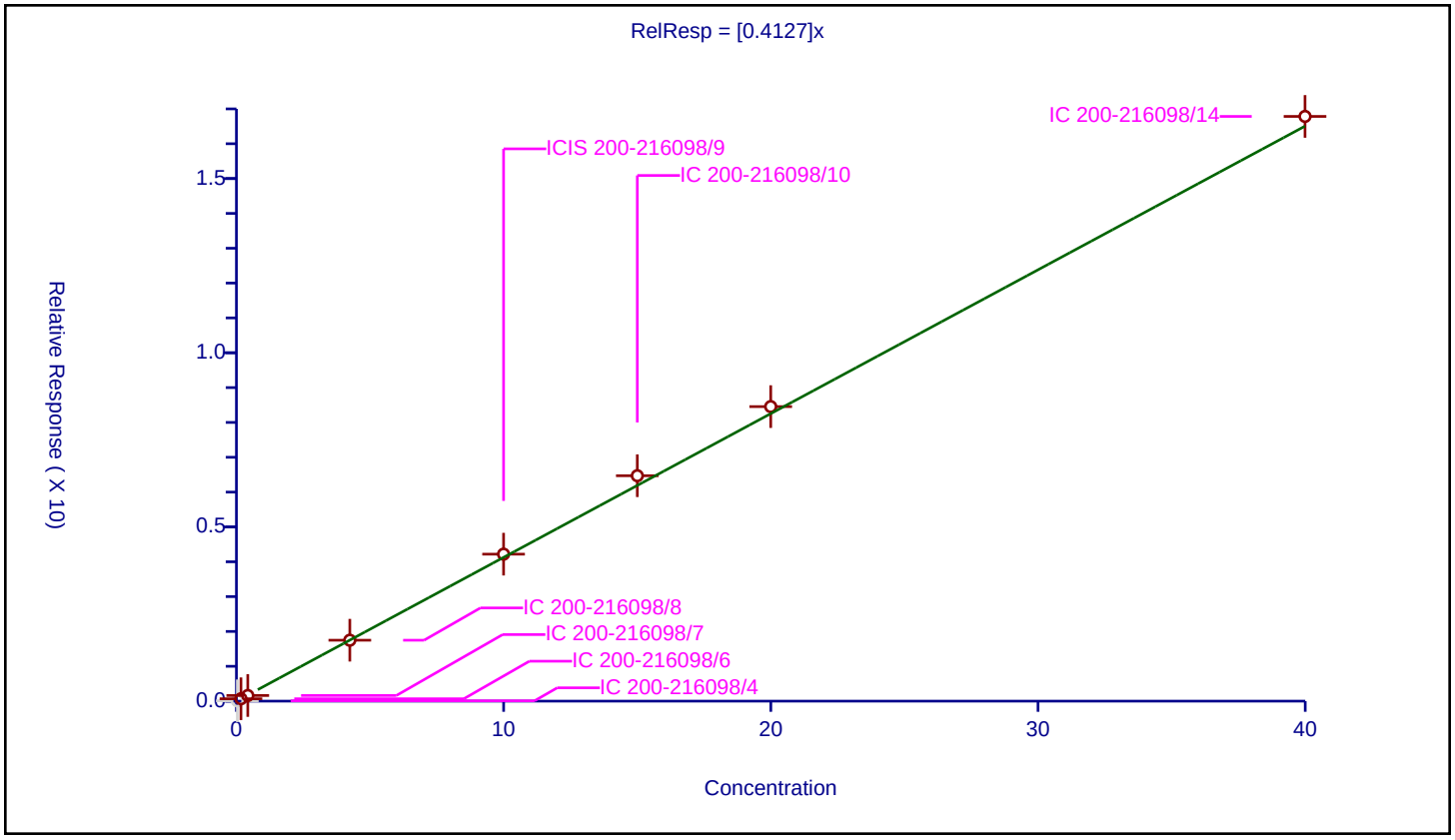
Curve Coefficients

Intercept:	0
Slope:	0.4127

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.009538	10.0	1600939.0	0.271921	N
2	IC 200-216098/6	0.170374	0.068451	10.0	1521967.0	0.401769	Y
3	IC 200-216098/7	0.425385	0.161349	10.0	1483000.0	0.3793	Y
4	IC 200-216098/8	4.243678	1.748705	10.0	1523333.0	0.412073	Y
5	ICIS 200-216098/9	9.99806	4.219274	10.0	1548873.0	0.422009	Y
6	IC 200-216098/10	15.003557	6.470084	10.0	1589392.0	0.431237	Y
7	IC 200-216098/13	19.99612	8.45421	10.0	1573099.0	0.422793	Y
8	IC 200-216098/14	39.99224	16.783969	10.0	1647195.0	0.419681	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

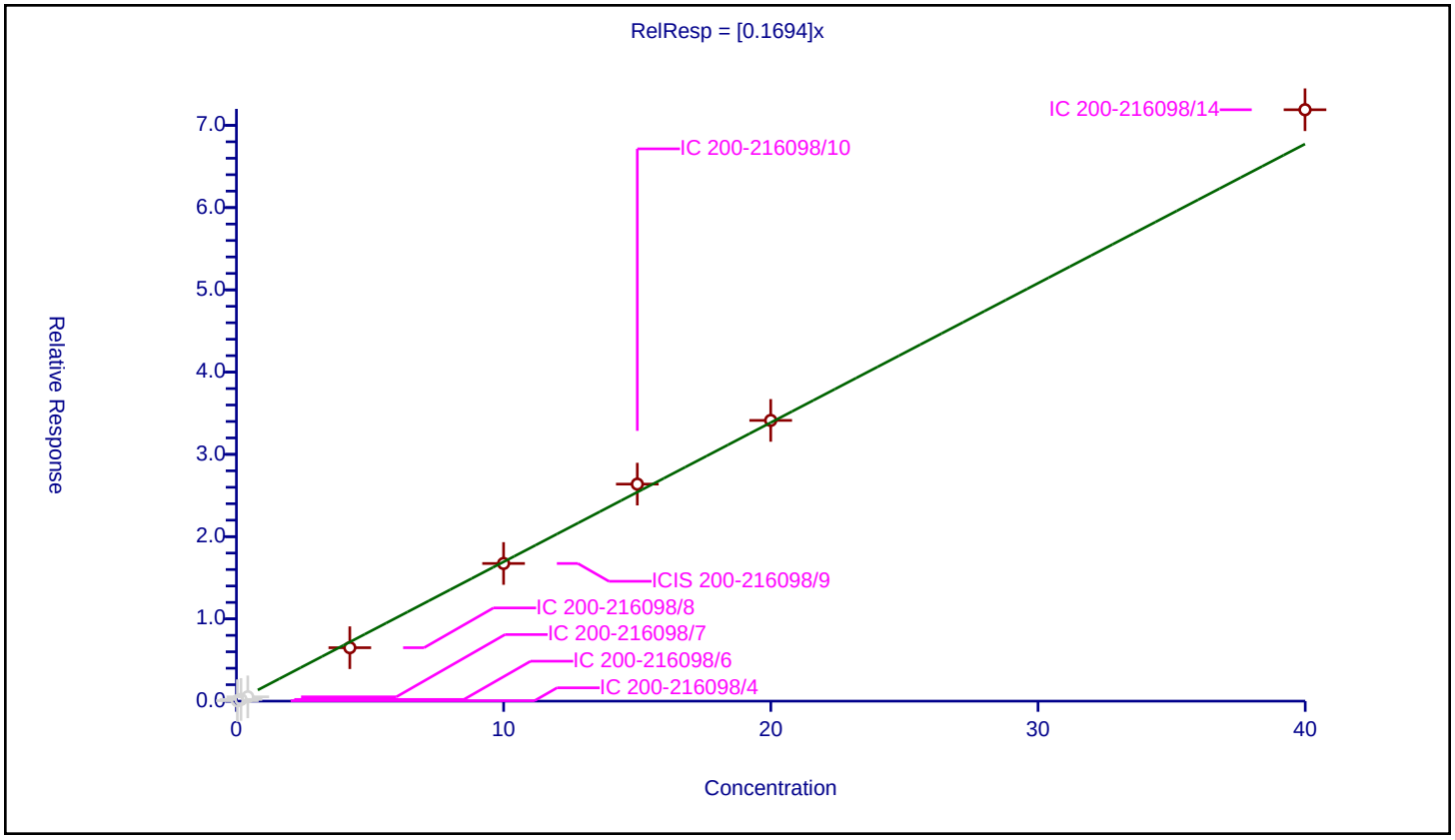
Curve Coefficients

Intercept:	0
Slope:	0.1694

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.005353	10.0	1600939.0	0.15261	N
2	IC 200-216098/6	0.170374	0.0205	10.0	1521967.0	0.120322	N
3	IC 200-216098/7	0.425385	0.052178	10.0	1483000.0	0.122661	N
4	IC 200-216098/8	4.243678	0.649641	10.0	1523333.0	0.153084	Y
5	ICIS 200-216098/9	9.99806	1.673494	10.0	1548873.0	0.167382	Y
6	IC 200-216098/10	15.003557	2.638399	10.0	1589392.0	0.175852	Y
7	IC 200-216098/13	19.99612	3.412881	10.0	1573099.0	0.170677	Y
8	IC 200-216098/14	39.99224	7.18975	10.0	1647195.0	0.179779	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

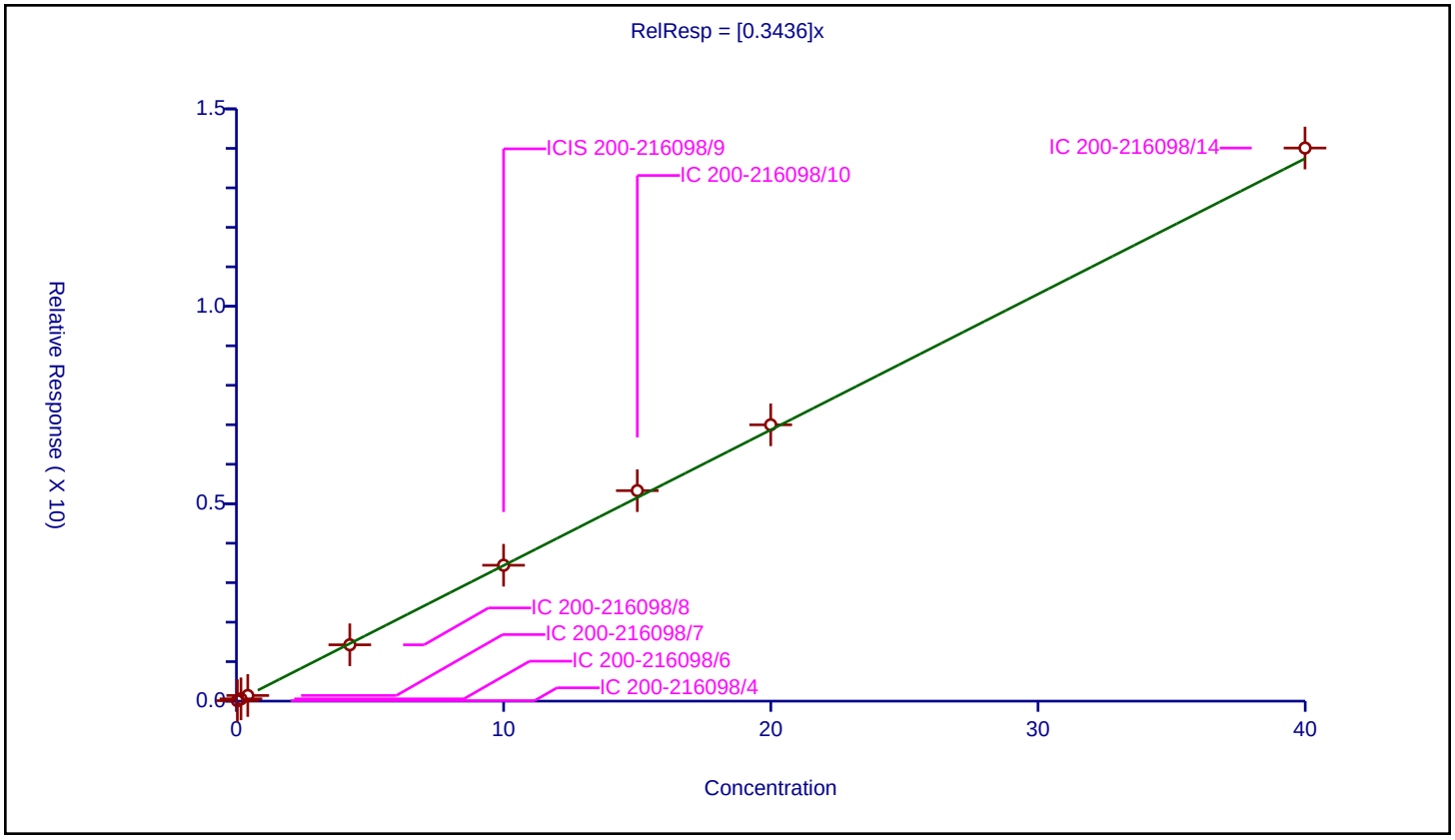
Curve Coefficients

Intercept:	0
Slope:	0.3436

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.011862	10.0	1600939.0	0.338165	Y
2	IC 200-216098/6	0.170374	0.057918	10.0	1521967.0	0.33995	Y
3	IC 200-216098/7	0.425385	0.14234	10.0	1483000.0	0.334614	Y
4	IC 200-216098/8	4.243678	1.426714	10.0	1523333.0	0.336197	Y
5	ICIS 200-216098/9	9.99806	3.441683	10.0	1548873.0	0.344235	Y
6	IC 200-216098/10	15.003557	5.331655	10.0	1589392.0	0.355359	Y
7	IC 200-216098/13	19.99612	6.998962	10.0	1573099.0	0.350016	Y
8	IC 200-216098/14	39.99224	14.009015	10.0	1647195.0	0.350293	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

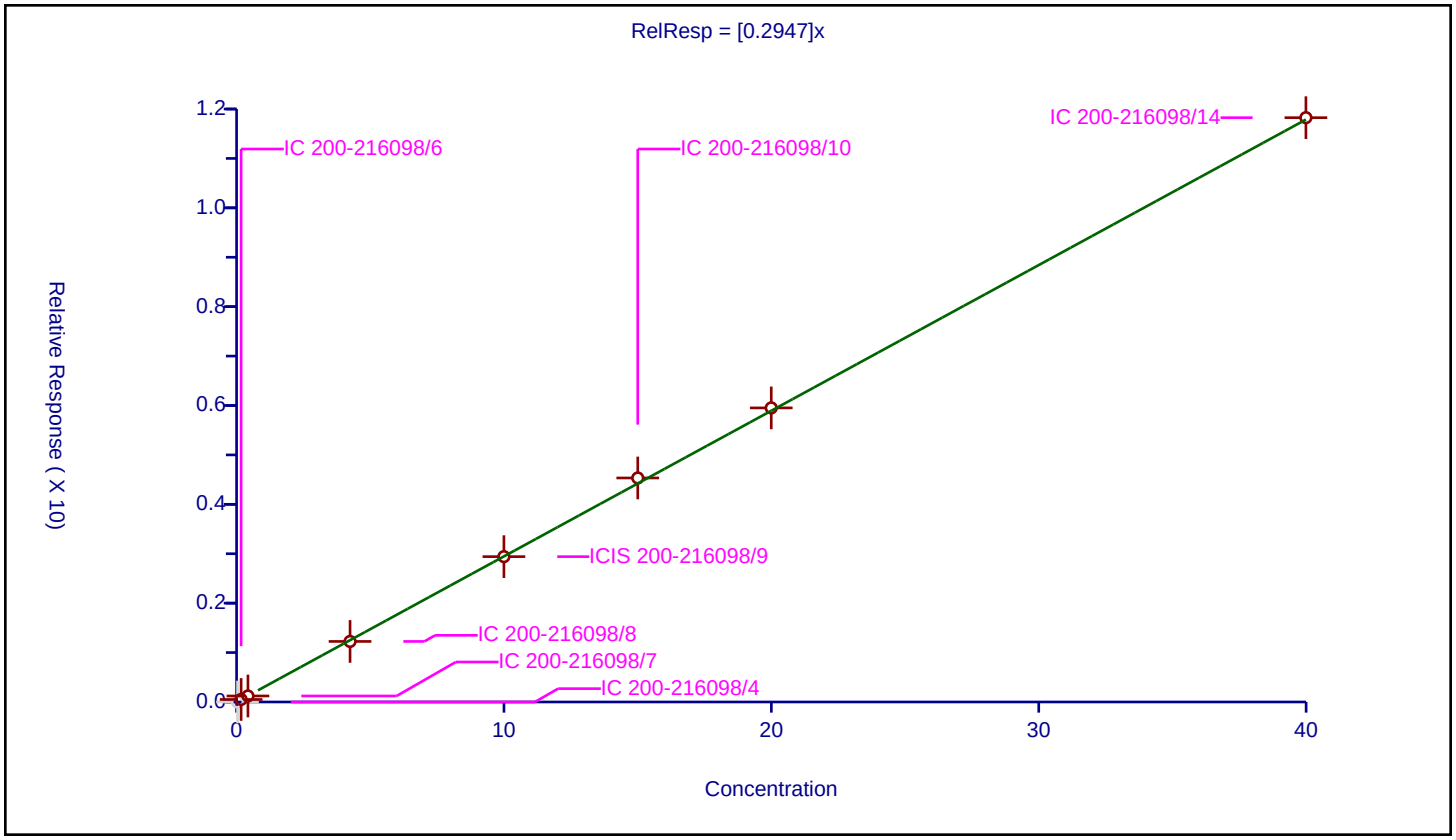
Curve Coefficients

Intercept:	0
Slope:	0.2947

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.0	10.0	1600939.0	0.0	N
2	IC 200-216098/6	0.170374	0.05079	10.0	1521967.0	0.298107	Y
3	IC 200-216098/7	0.425385	0.121895	10.0	1483000.0	0.286552	Y
4	IC 200-216098/8	4.243678	1.225418	10.0	1523333.0	0.288763	Y
5	ICIS 200-216098/9	9.99806	2.941429	10.0	1548873.0	0.2942	Y
6	IC 200-216098/10	15.003557	4.533331	10.0	1589392.0	0.30215	Y
7	IC 200-216098/13	19.99612	5.951304	10.0	1573099.0	0.297623	Y
8	IC 200-216098/14	39.99224	11.82472	10.0	1647195.0	0.295675	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

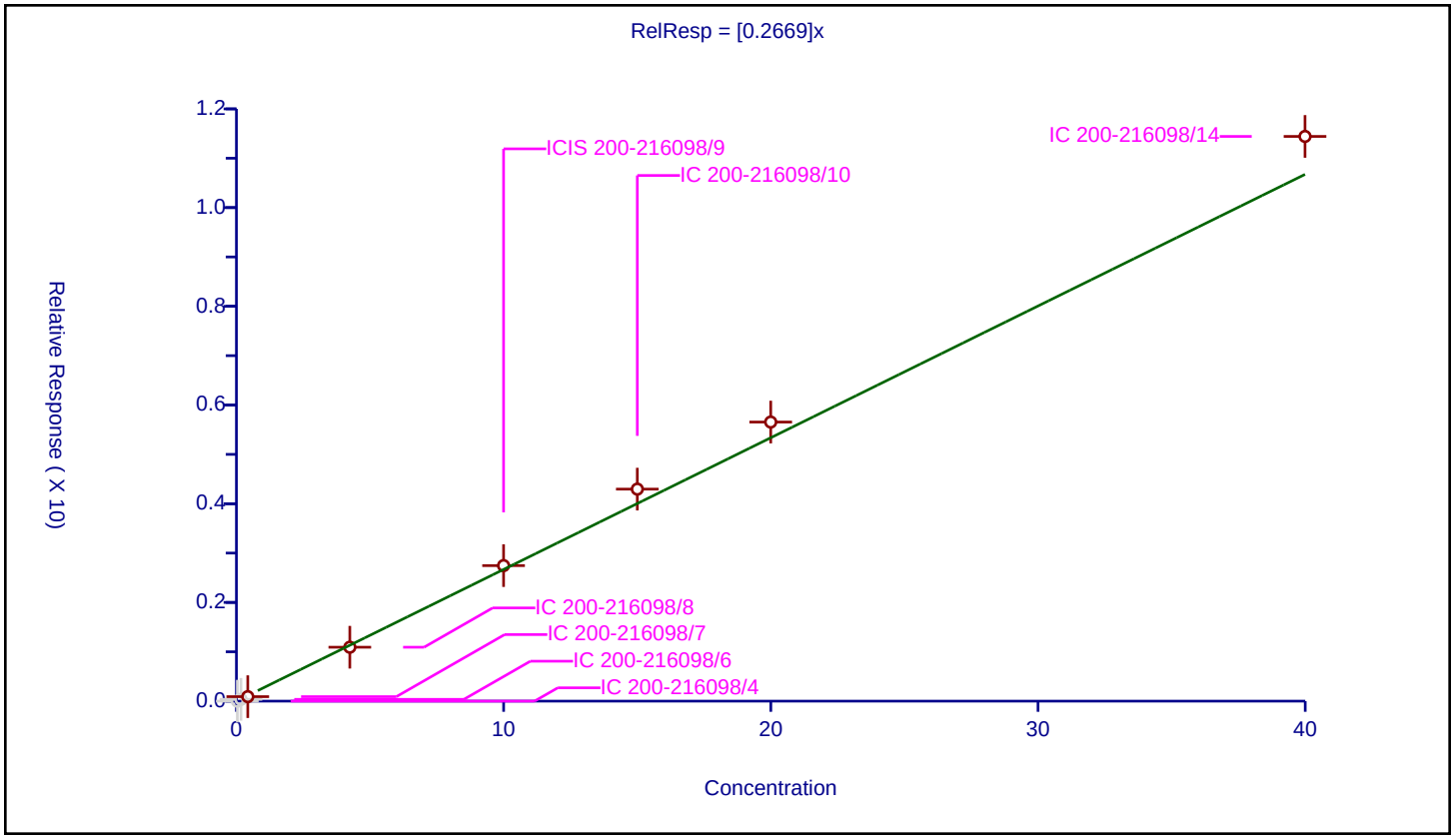
Curve Coefficients

Intercept:	0
Slope:	0.2669

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.0	10.0	1600939.0	0.0	N
2	IC 200-216098/6	0.170374	0.03665	10.0	1521967.0	0.215115	N
3	IC 200-216098/7	0.425385	0.090984	10.0	1483000.0	0.213888	Y
4	IC 200-216098/8	4.243678	1.092466	10.0	1523333.0	0.257434	Y
5	ICIS 200-216098/9	9.99806	2.746152	10.0	1548873.0	0.274668	Y
6	IC 200-216098/10	15.003557	4.296114	10.0	1589392.0	0.28634	Y
7	IC 200-216098/13	19.99612	5.654895	10.0	1573099.0	0.2828	Y
8	IC 200-216098/14	39.99224	11.441924	10.0	1647195.0	0.286104	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

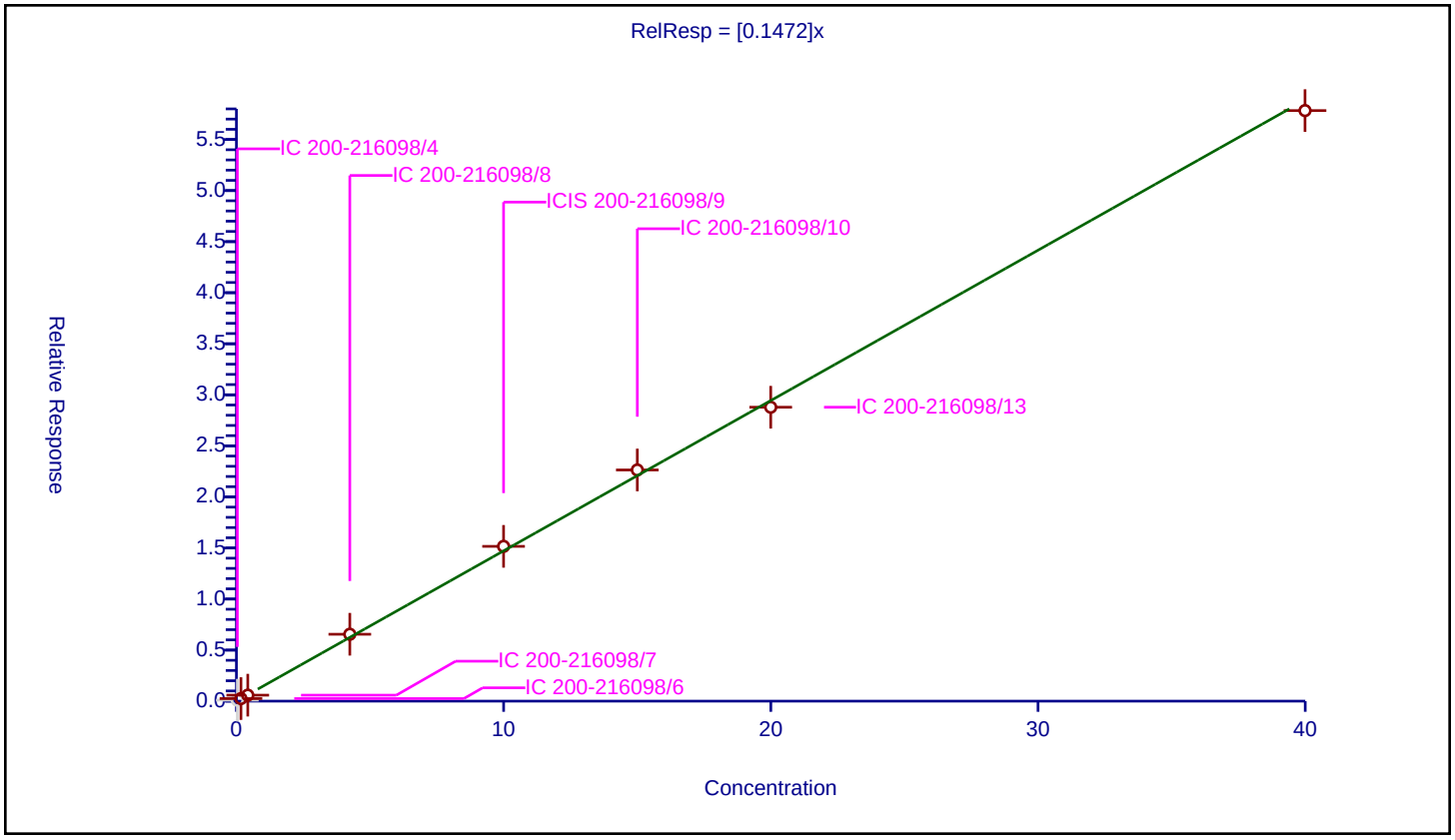
Curve Coefficients

Intercept:	0
Slope:	0.1472

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.009482	10.0	1600939.0	0.270318	N
2	IC 200-216098/6	0.170374	0.025066	10.0	1521967.0	0.147125	Y
3	IC 200-216098/7	0.425385	0.058604	10.0	1483000.0	0.137767	Y
4	IC 200-216098/8	4.243678	0.655188	10.0	1523333.0	0.154392	Y
5	ICIS 200-216098/9	9.99806	1.515909	10.0	1548873.0	0.15162	Y
6	IC 200-216098/10	15.003557	2.26401	10.0	1589392.0	0.150898	Y
7	IC 200-216098/13	19.99612	2.878382	10.0	1573099.0	0.143947	Y
8	IC 200-216098/14	39.99224	5.78325	10.0	1647195.0	0.144609	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

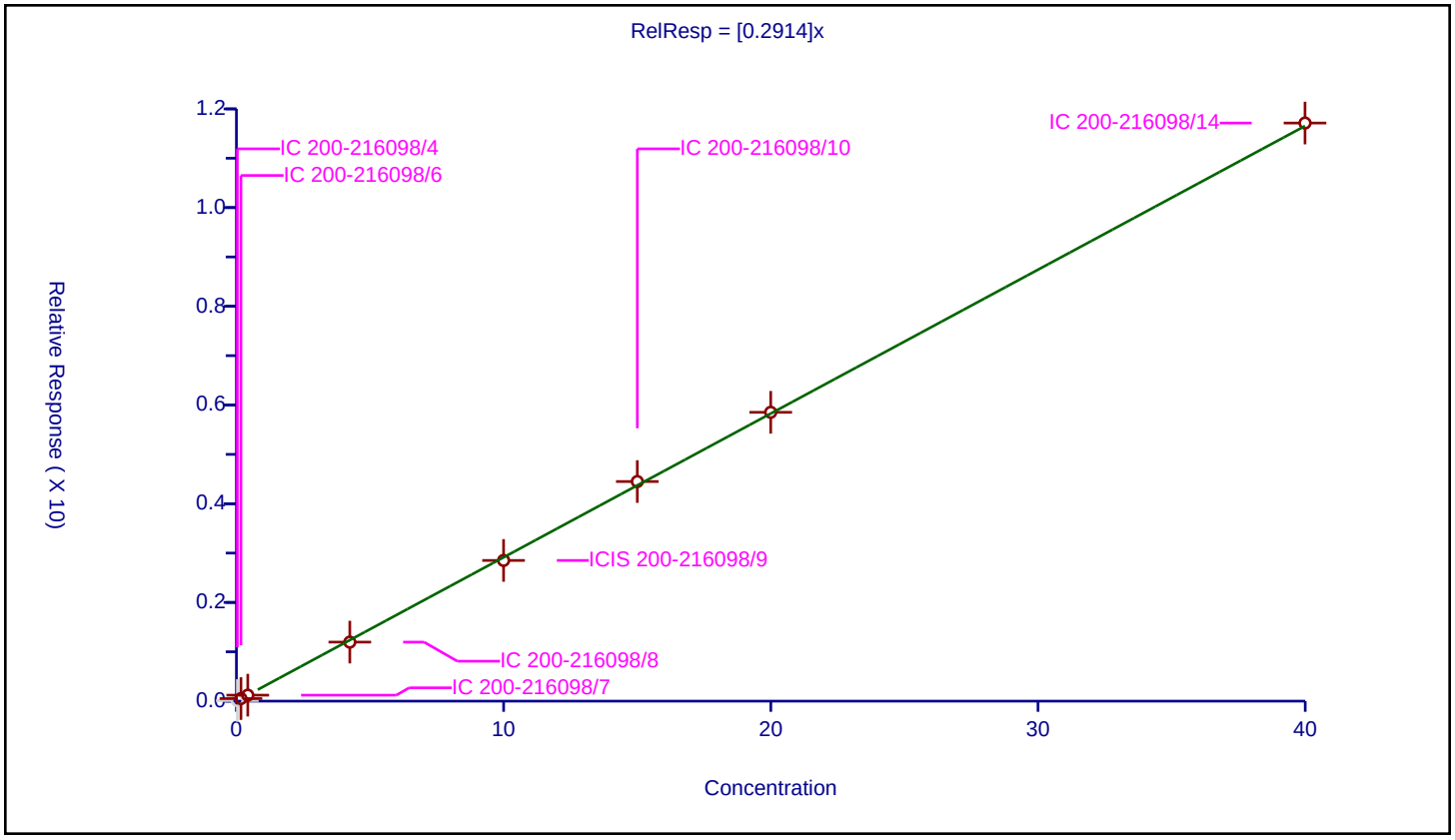
Curve Coefficients

Intercept:	0
Slope:	0.2914

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.011849	10.0	1600939.0	0.337809	N
2	IC 200-216098/6	0.170374	0.052117	10.0	1521967.0	0.305897	Y
3	IC 200-216098/7	0.425385	0.121126	10.0	1483000.0	0.284745	Y
4	IC 200-216098/8	4.243678	1.19616	10.0	1523333.0	0.281869	Y
5	ICIS 200-216098/9	9.99806	2.850841	10.0	1548873.0	0.285139	Y
6	IC 200-216098/10	15.003557	4.449796	10.0	1589392.0	0.296583	Y
7	IC 200-216098/13	19.99612	5.852397	10.0	1573099.0	0.292677	Y
8	IC 200-216098/14	39.99224	11.713276	10.0	1647195.0	0.292889	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

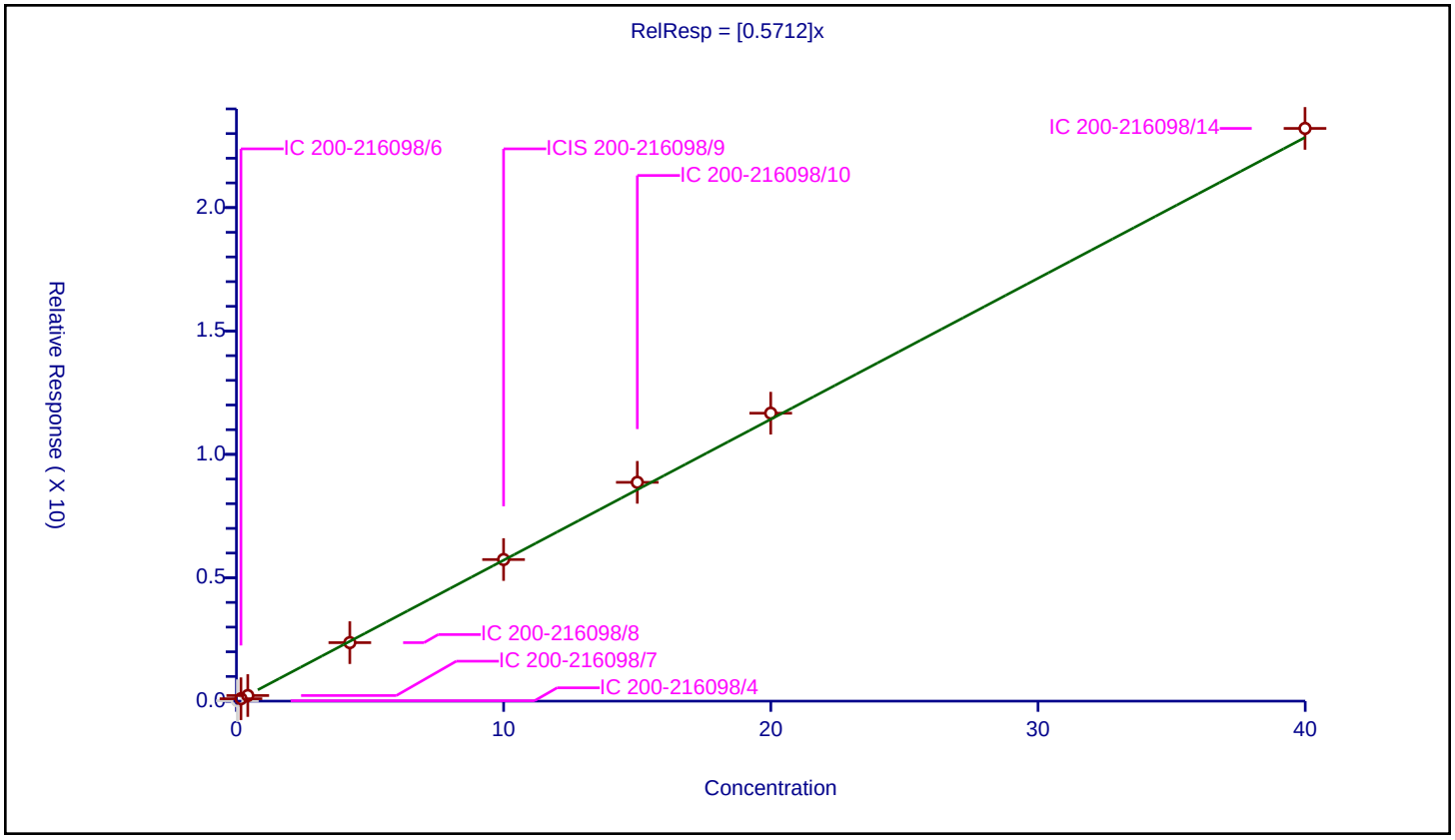
Curve Coefficients

Intercept:	0
Slope:	0.5712

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.016865	10.0	1600939.0	0.480803	N
2	IC 200-216098/6	0.170374	0.098051	10.0	1521967.0	0.575504	Y
3	IC 200-216098/7	0.425385	0.227653	10.0	1483000.0	0.535171	Y
4	IC 200-216098/8	4.243678	2.371176	10.0	1523333.0	0.558755	Y
5	ICIS 200-216098/9	9.99806	5.737785	10.0	1548873.0	0.57389	Y
6	IC 200-216098/10	15.003557	8.867561	10.0	1589392.0	0.591031	Y
7	IC 200-216098/13	19.99612	11.668668	10.0	1573099.0	0.583547	Y
8	IC 200-216098/14	39.99224	23.209359	10.0	1647195.0	0.580347	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

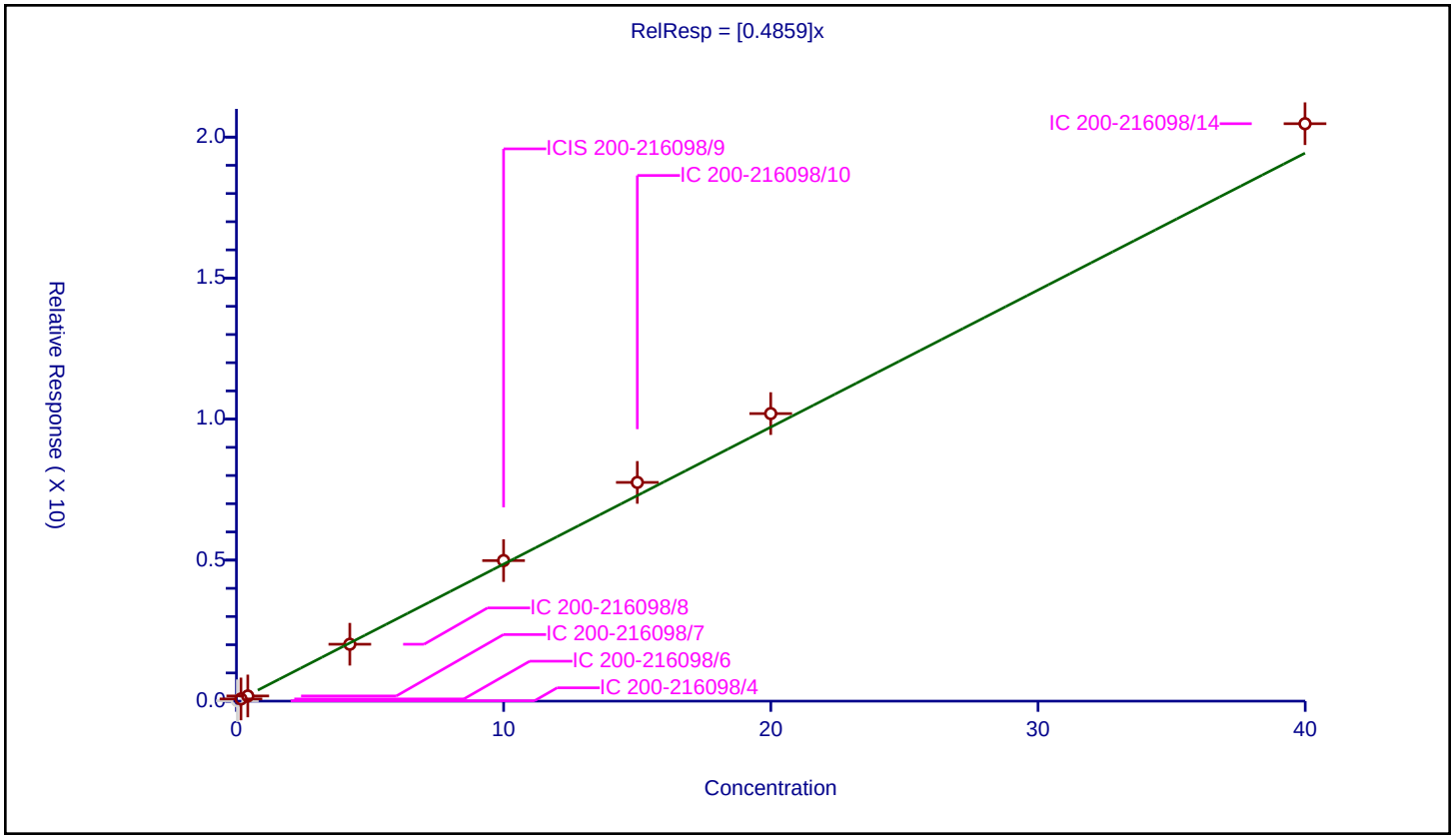
Curve Coefficients

Intercept:	0
Slope:	0.4859

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.013704	10.0	1600939.0	0.390697	N
2	IC 200-216098/6	0.170374	0.077873	10.0	1521967.0	0.457071	Y
3	IC 200-216098/7	0.425385	0.183506	10.0	1483000.0	0.431389	Y
4	IC 200-216098/8	4.243678	2.017248	10.0	1523333.0	0.475354	Y
5	ICIS 200-216098/9	9.99806	4.984301	10.0	1548873.0	0.498527	Y
6	IC 200-216098/10	15.003557	7.755626	10.0	1589392.0	0.516919	Y
7	IC 200-216098/13	19.99612	10.196364	10.0	1573099.0	0.509917	Y
8	IC 200-216098/14	39.99224	20.474491	10.0	1647195.0	0.511962	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

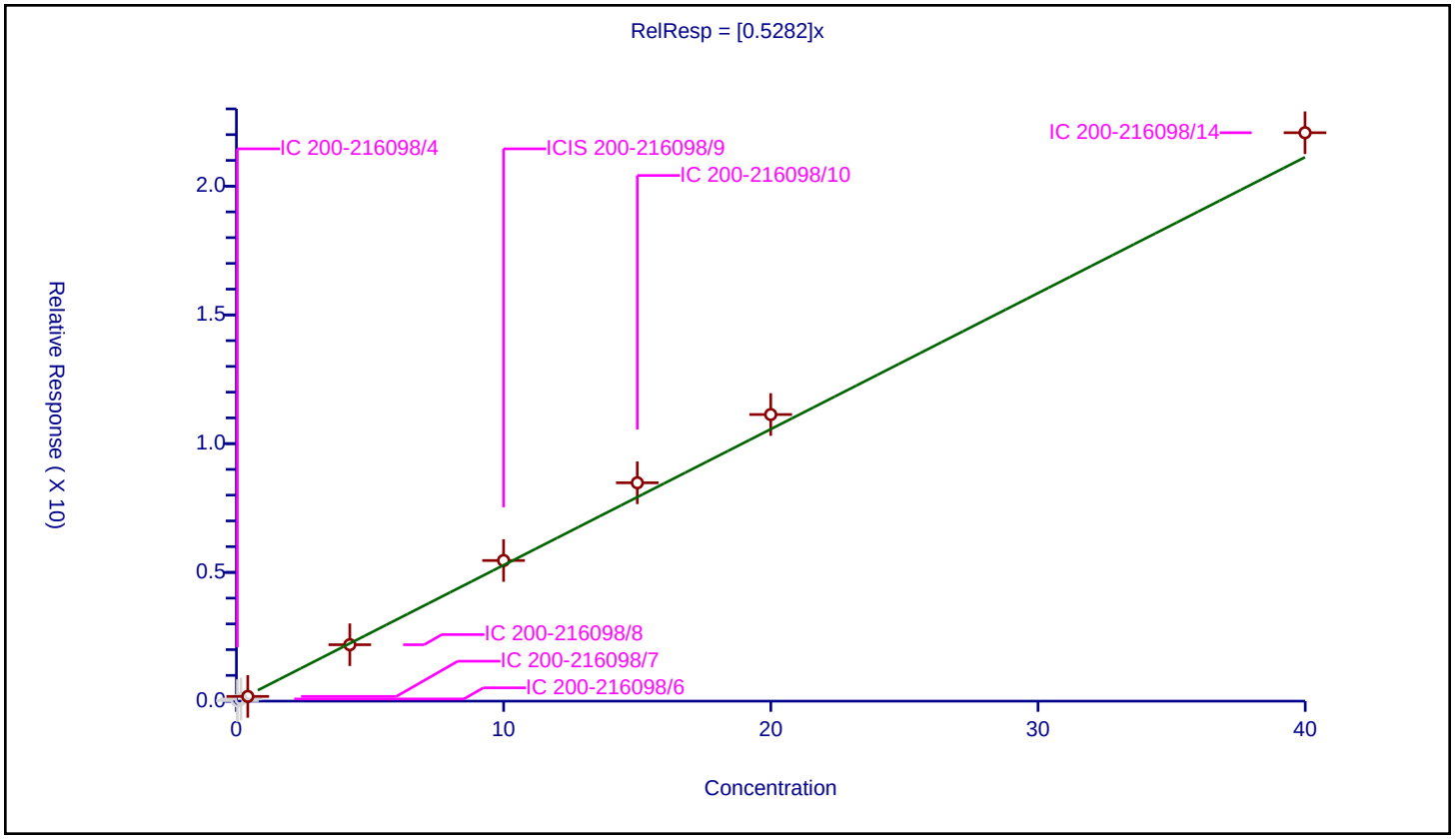
Curve Coefficients

Intercept:	0
Slope:	0.5282

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.018745	10.0	1600939.0	0.534404	N
2	IC 200-216098/6	0.170374	0.084496	10.0	1521967.0	0.495945	N
3	IC 200-216098/7	0.425385	0.183985	10.0	1483000.0	0.432515	Y
4	IC 200-216098/8	4.243678	2.191556	10.0	1523333.0	0.516428	Y
5	ICIS 200-216098/9	9.99806	5.461778	10.0	1548873.0	0.546284	Y
6	IC 200-216098/10	15.003557	8.480004	10.0	1589392.0	0.5652	Y
7	IC 200-216098/13	19.99612	11.130476	10.0	1573099.0	0.556632	Y
8	IC 200-216098/14	39.99224	22.073932	10.0	1647195.0	0.551955	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

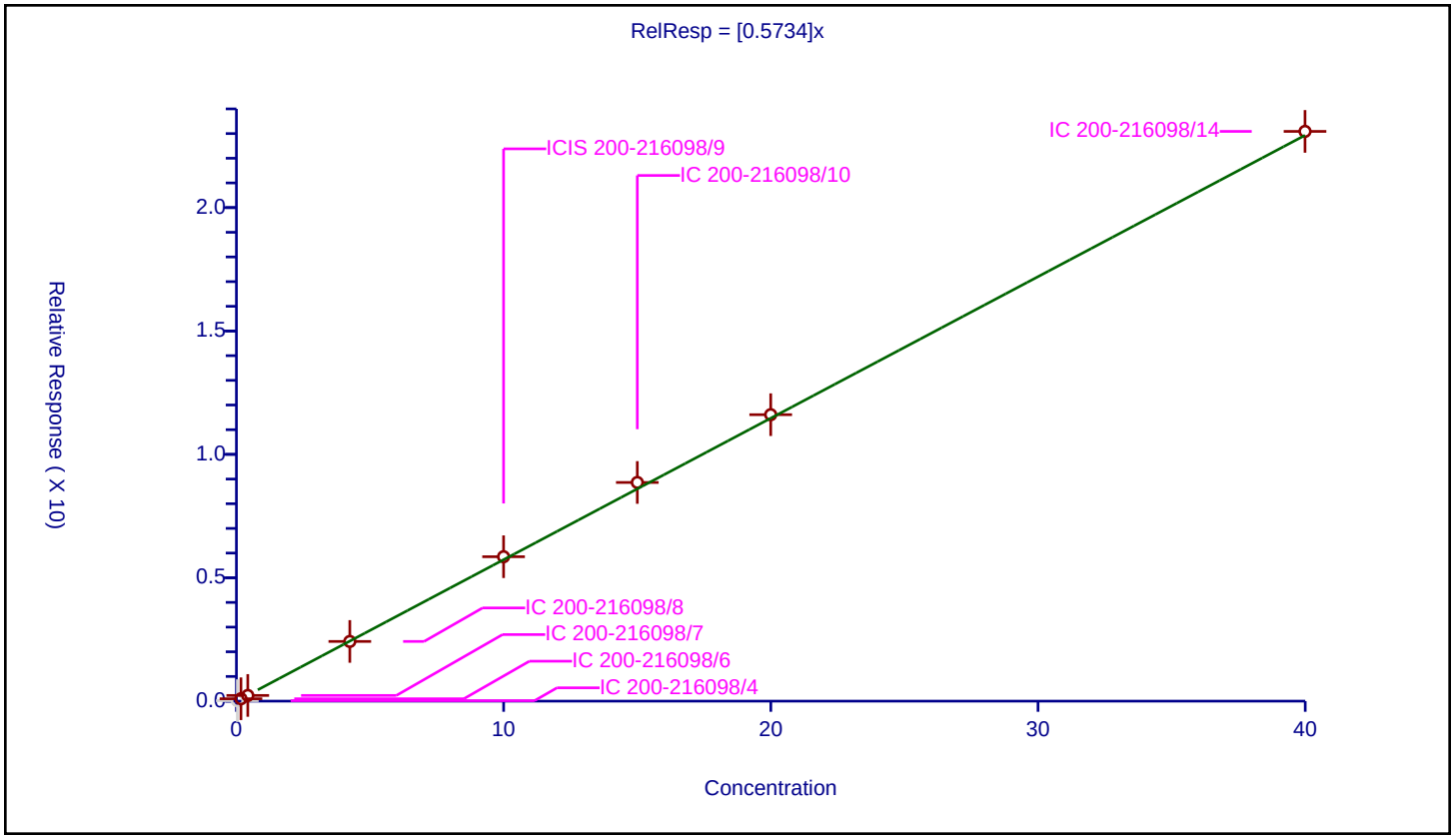
Curve Coefficients

Intercept:	0
Slope:	0.5734

Error Coefficients

Relative Standard Deviation:	2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.019069	10.0	1437411.0	0.543634	N
2	IC 200-216098/6	0.170374	0.096655	10.0	1391655.0	0.56731	Y
3	IC 200-216098/7	0.425385	0.230654	10.0	1361306.0	0.542223	Y
4	IC 200-216098/8	4.243678	2.419213	10.0	1416382.0	0.570075	Y
5	ICIS 200-216098/9	9.99806	5.85241	10.0	1443390.0	0.585355	Y
6	IC 200-216098/10	15.003557	8.862081	10.0	1500274.0	0.590665	Y
7	IC 200-216098/13	19.99612	11.608689	10.0	1495646.0	0.580547	Y
8	IC 200-216098/14	39.99224	23.088511	10.0	1560966.0	0.577325	Y



Calibration / n-Octane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

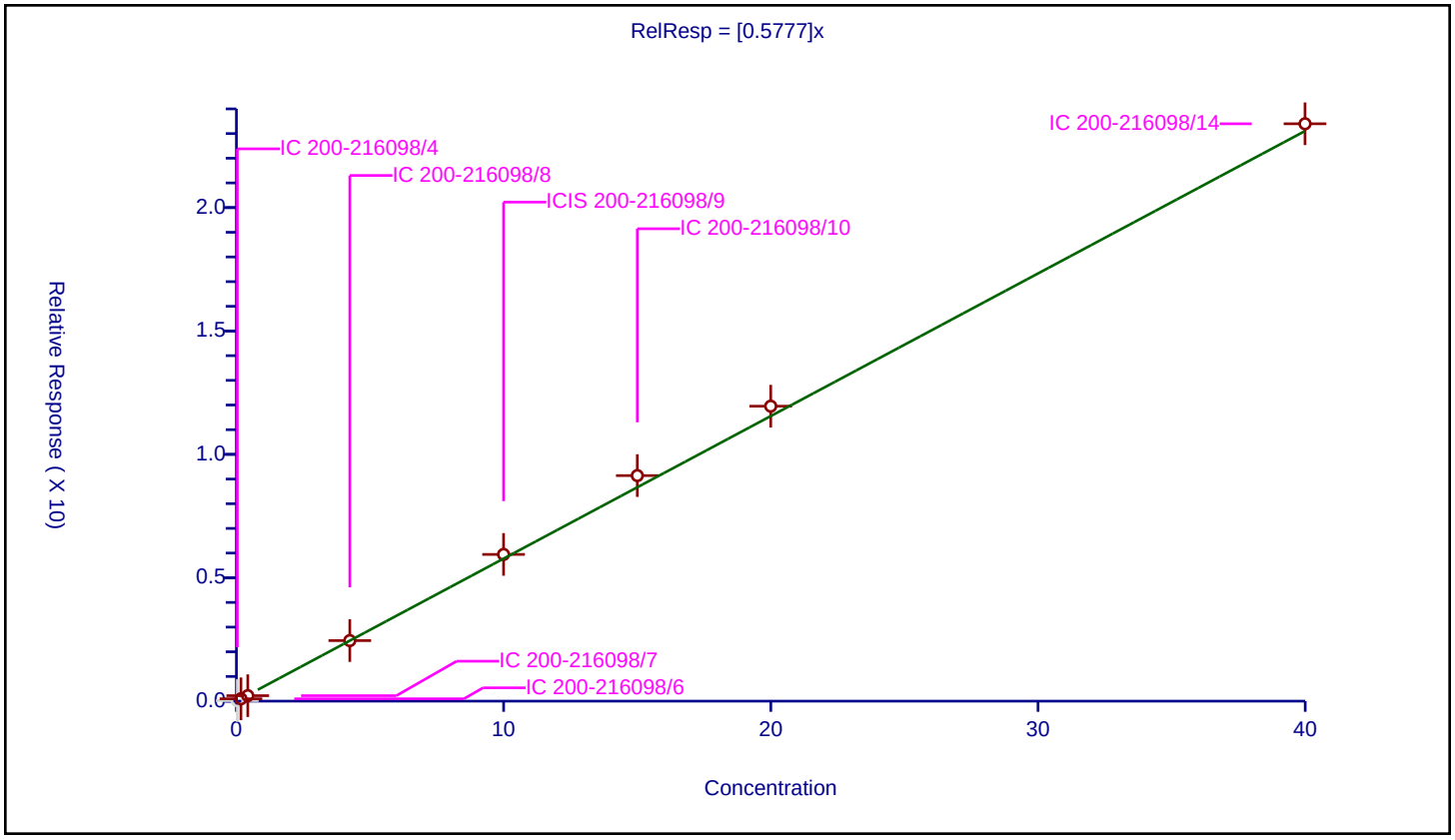
Curve Coefficients

Intercept:	0
Slope:	0.5777

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.021275	10.0	1600939.0	0.606524	N
2	IC 200-216098/6	0.170374	0.09514	10.0	1521967.0	0.55842	Y
3	IC 200-216098/7	0.425385	0.221349	10.0	1483000.0	0.520349	Y
4	IC 200-216098/8	4.243678	2.453869	10.0	1523333.0	0.578241	Y
5	ICIS 200-216098/9	9.99806	5.945613	10.0	1548873.0	0.594677	Y
6	IC 200-216098/10	15.003557	9.139627	10.0	1589392.0	0.609164	Y
7	IC 200-216098/13	19.99612	11.952801	10.0	1573099.0	0.597756	Y
8	IC 200-216098/14	39.99224	23.396137	10.0	1647195.0	0.585017	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

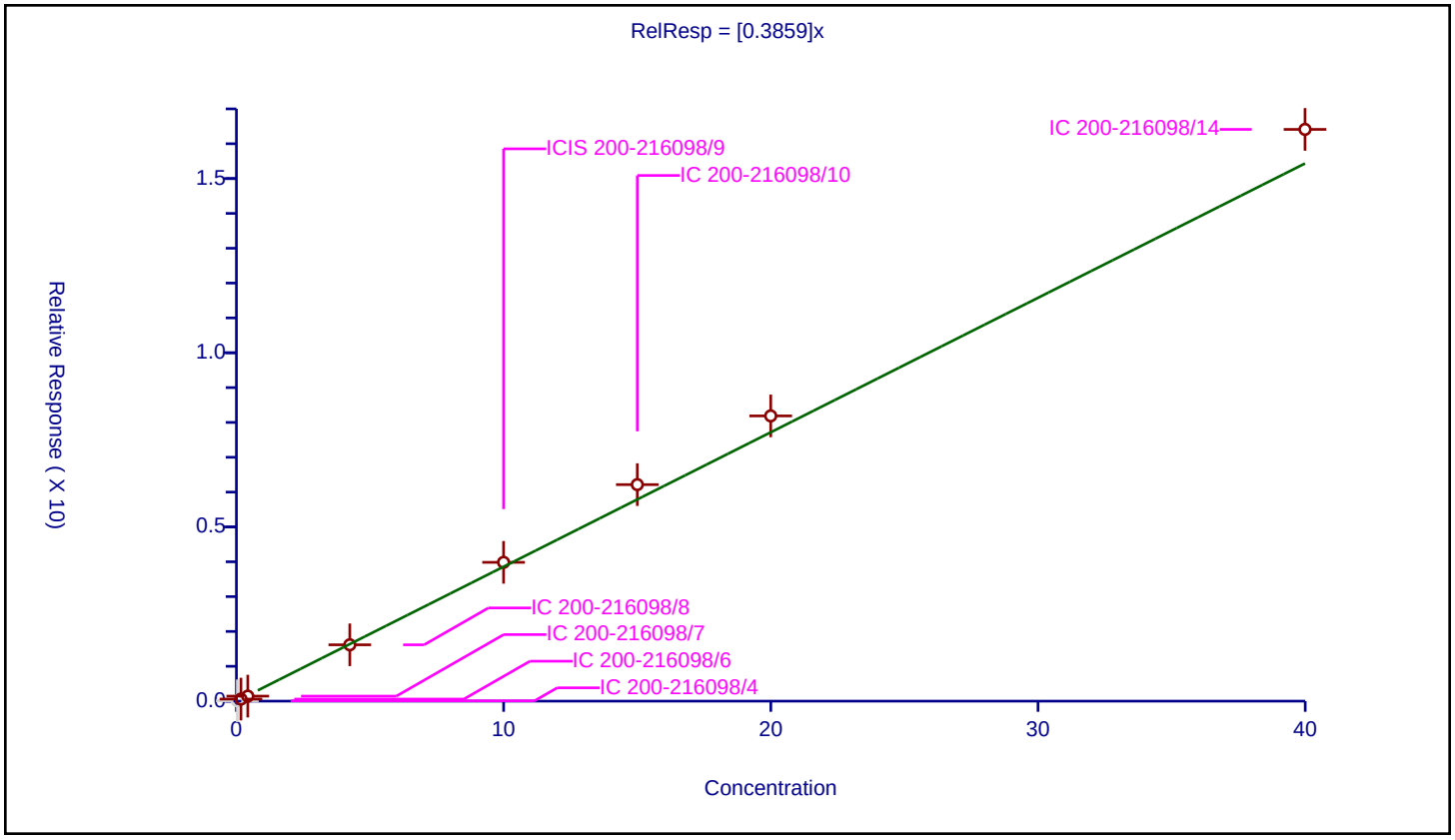
Curve Coefficients

Intercept:	0
Slope:	0.3859

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.009776	10.0	1600939.0	0.278688	N
2	IC 200-216098/6	0.170374	0.059351	10.0	1521967.0	0.348357	Y
3	IC 200-216098/7	0.425385	0.144329	10.0	1483000.0	0.339291	Y
4	IC 200-216098/8	4.243678	1.617571	10.0	1523333.0	0.381172	Y
5	ICIS 200-216098/9	9.99806	3.984323	10.0	1548873.0	0.39851	Y
6	IC 200-216098/10	15.003557	6.215414	10.0	1589392.0	0.414263	Y
7	IC 200-216098/13	19.99612	8.187603	10.0	1573099.0	0.40946	Y
8	IC 200-216098/14	39.99224	16.411099	10.0	1647195.0	0.410357	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

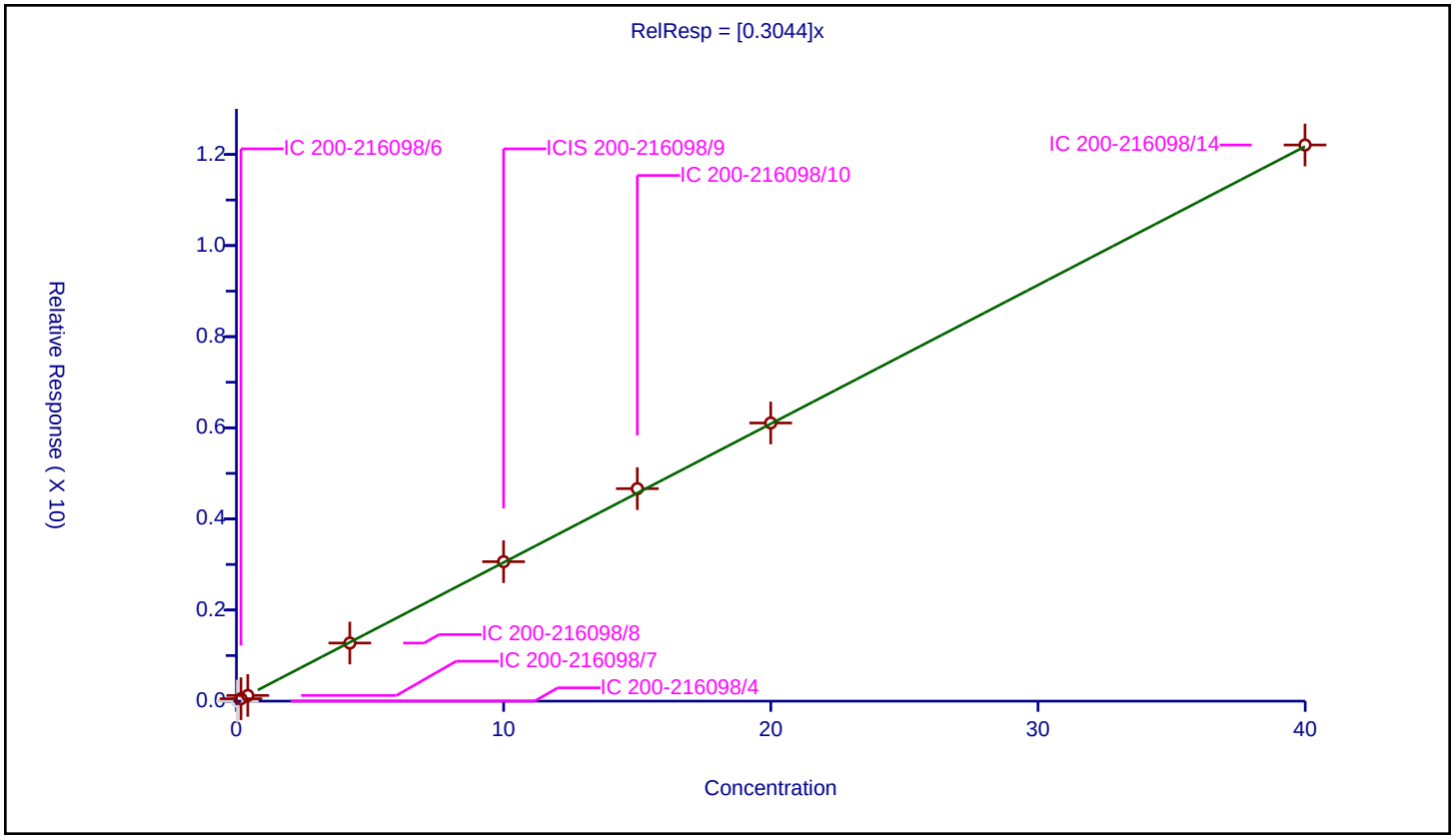
Curve Coefficients

Intercept:	0
Slope:	0.3044

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.0	10.0	1437411.0	0.0	N
2	IC 200-216098/6	0.170374	0.052729	10.0	1391655.0	0.309488	Y
3	IC 200-216098/7	0.425385	0.124785	10.0	1361306.0	0.293345	Y
4	IC 200-216098/8	4.243678	1.275334	10.0	1416382.0	0.300526	Y
5	ICIS 200-216098/9	9.99806	3.061134	10.0	1443390.0	0.306173	Y
6	IC 200-216098/10	15.003557	4.664515	10.0	1500274.0	0.310894	Y
7	IC 200-216098/13	19.99612	6.105703	10.0	1495646.0	0.305344	Y
8	IC 200-216098/14	39.99224	12.207748	10.0	1560966.0	0.305253	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

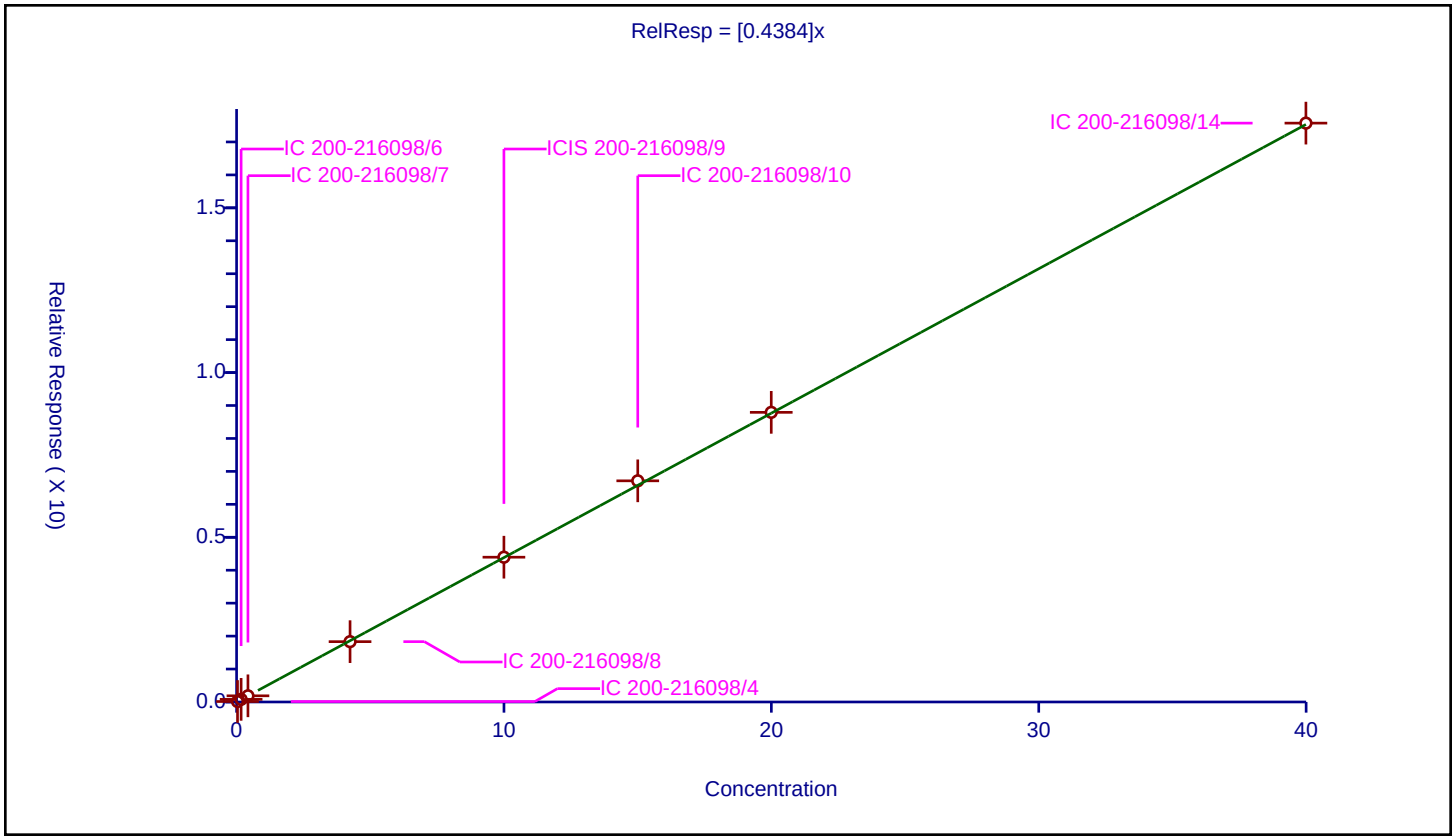
Curve Coefficients

Intercept:	0
Slope:	0.4384

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.014018	10.0	1437411.0	0.399643	Y
2	IC 200-216098/6	0.170374	0.079826	10.0	1391655.0	0.468534	Y
3	IC 200-216098/7	0.425385	0.187651	10.0	1361306.0	0.441132	Y
4	IC 200-216098/8	4.243678	1.83142	10.0	1416382.0	0.431564	Y
5	ICIS 200-216098/9	9.99806	4.395299	10.0	1443390.0	0.439615	Y
6	IC 200-216098/10	15.003557	6.71322	10.0	1500274.0	0.447442	Y
7	IC 200-216098/13	19.99612	8.791873	10.0	1495646.0	0.439679	Y
8	IC 200-216098/14	39.99224	17.571491	10.0	1560966.0	0.439373	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

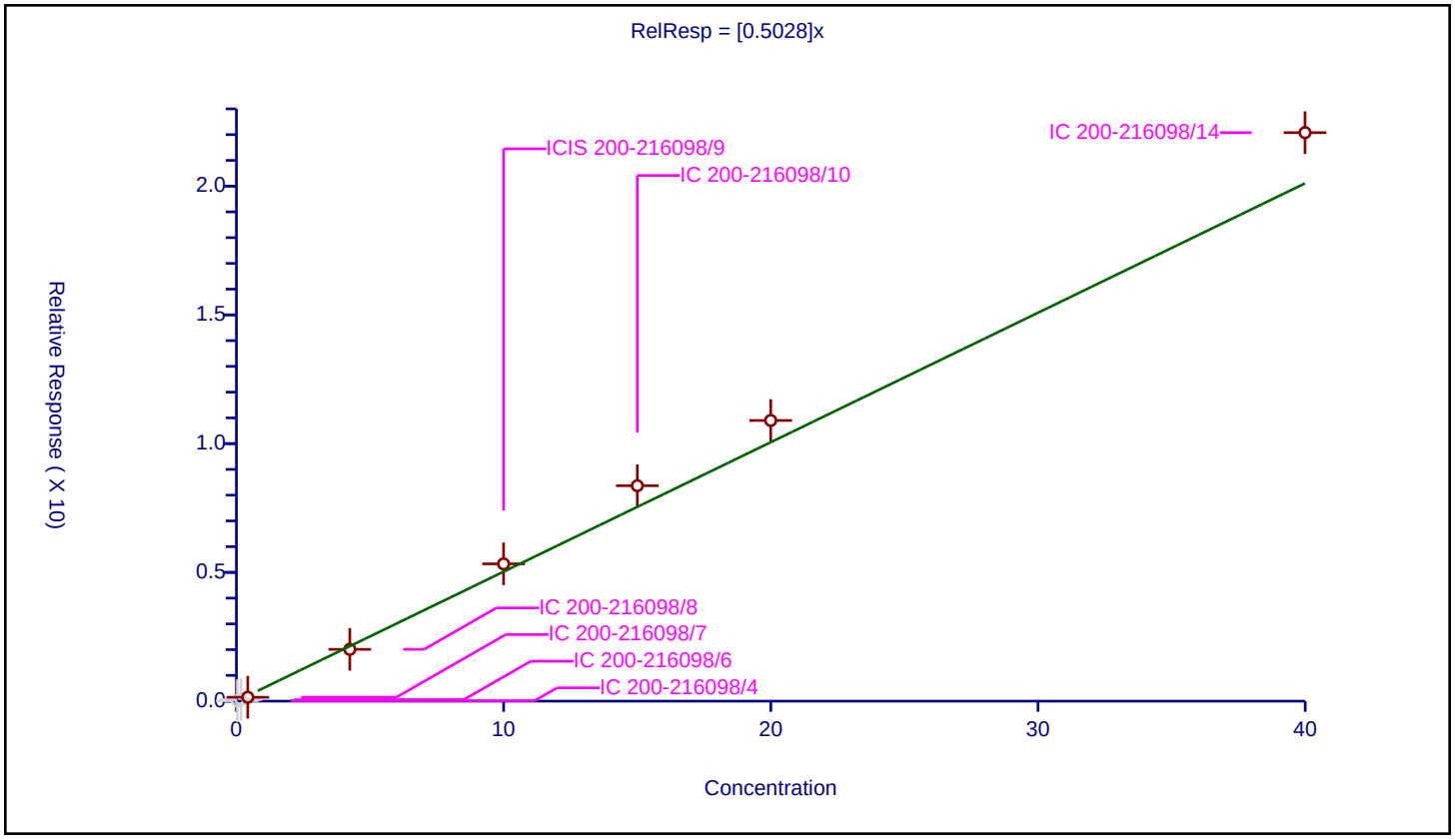
Curve Coefficients

Intercept:	0
Slope:	0.5028

Error Coefficients

Relative Standard Deviation:	15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.017205	10.0	1437411.0	0.49048	N
2	IC 200-216098/6	0.170374	0.060094	10.0	1391655.0	0.352718	N
3	IC 200-216098/7	0.425385	0.150885	10.0	1361306.0	0.354701	Y
4	IC 200-216098/8	4.243678	2.011632	10.0	1416382.0	0.47403	Y
5	ICIS 200-216098/9	9.99806	5.331061	10.0	1443390.0	0.53321	Y
6	IC 200-216098/10	15.003557	8.366012	10.0	1500274.0	0.557602	Y
7	IC 200-216098/13	19.99612	10.900059	10.0	1495646.0	0.545109	Y
8	IC 200-216098/14	39.99224	22.077502	10.0	1560966.0	0.552045	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

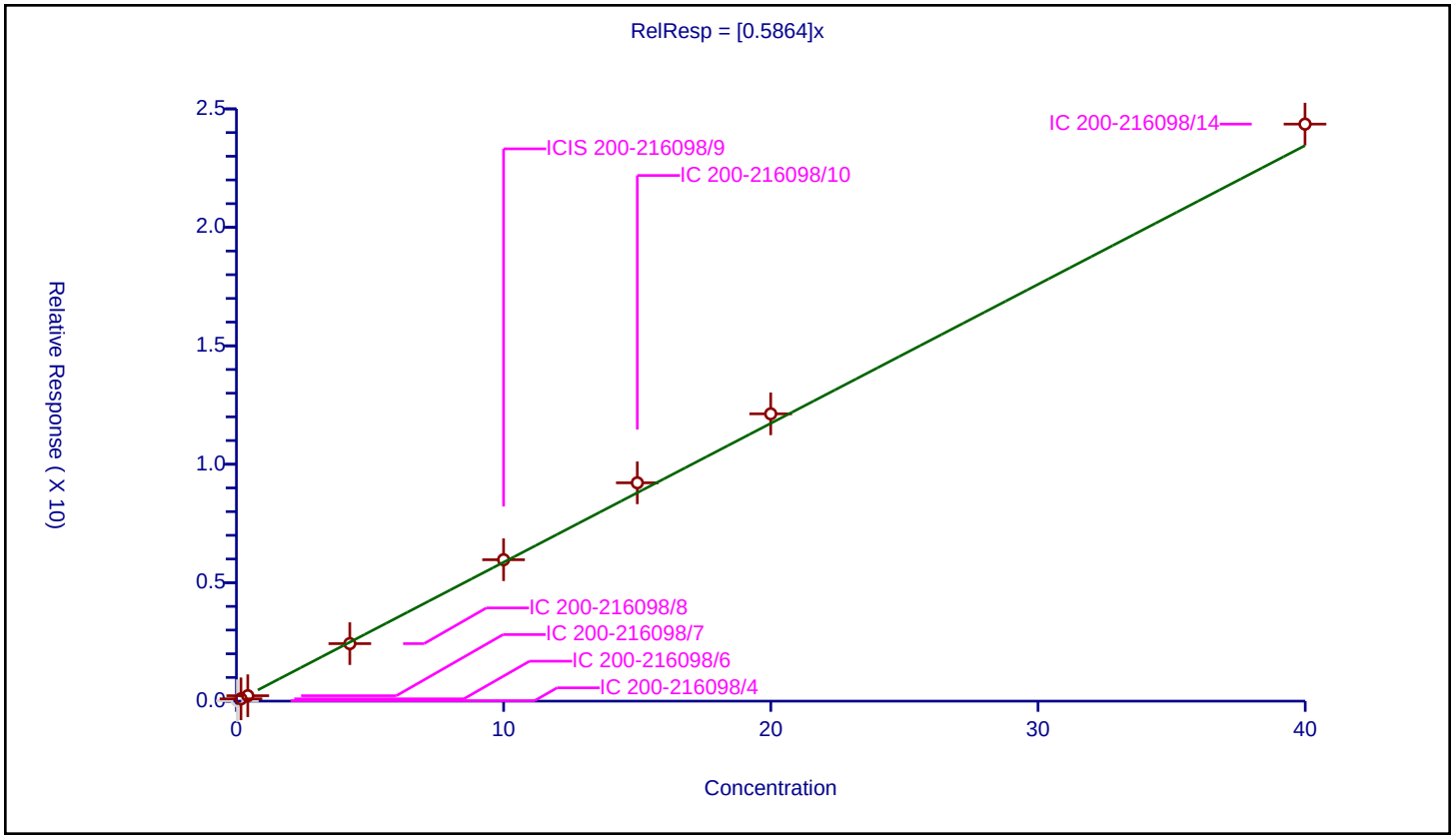
Curve Coefficients

Intercept:	0
Slope:	0.5864

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.01694	10.0	1437411.0	0.482943	N
2	IC 200-216098/6	0.170374	0.096942	10.0	1391655.0	0.568997	Y
3	IC 200-216098/7	0.425385	0.228384	10.0	1361306.0	0.536887	Y
4	IC 200-216098/8	4.243678	2.428102	10.0	1416382.0	0.572169	Y
5	ICIS 200-216098/9	9.99806	5.969142	10.0	1443390.0	0.59703	Y
6	IC 200-216098/10	15.003557	9.216696	10.0	1500274.0	0.614301	Y
7	IC 200-216098/13	19.99612	12.127663	10.0	1495646.0	0.606501	Y
8	IC 200-216098/14	39.99224	24.357481	10.0	1560966.0	0.609055	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

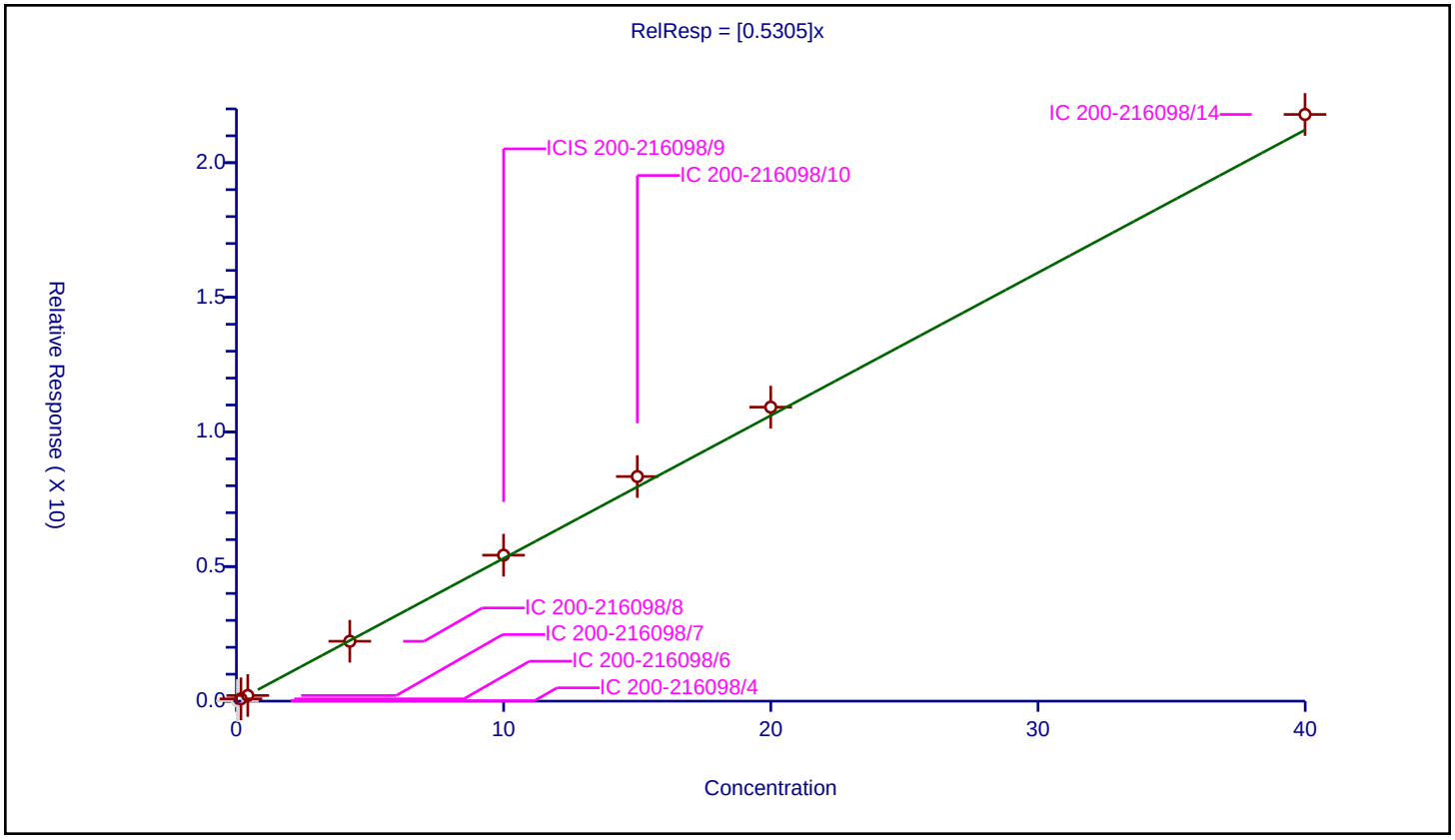
Curve Coefficients

Intercept:	0
Slope:	0.5305

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.016453	10.0	1437411.0	0.46906	N
2	IC 200-216098/6	0.170374	0.086041	10.0	1391655.0	0.505016	Y
3	IC 200-216098/7	0.425385	0.21054	10.0	1361306.0	0.494941	Y
4	IC 200-216098/8	4.243678	2.225014	10.0	1416382.0	0.524313	Y
5	ICIS 200-216098/9	9.99806	5.421729	10.0	1443390.0	0.542278	Y
6	IC 200-216098/10	15.003557	8.344102	10.0	1500274.0	0.556142	Y
7	IC 200-216098/13	19.99612	10.920967	10.0	1495646.0	0.546154	Y
8	IC 200-216098/14	39.99224	21.79273	10.0	1560966.0	0.544924	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

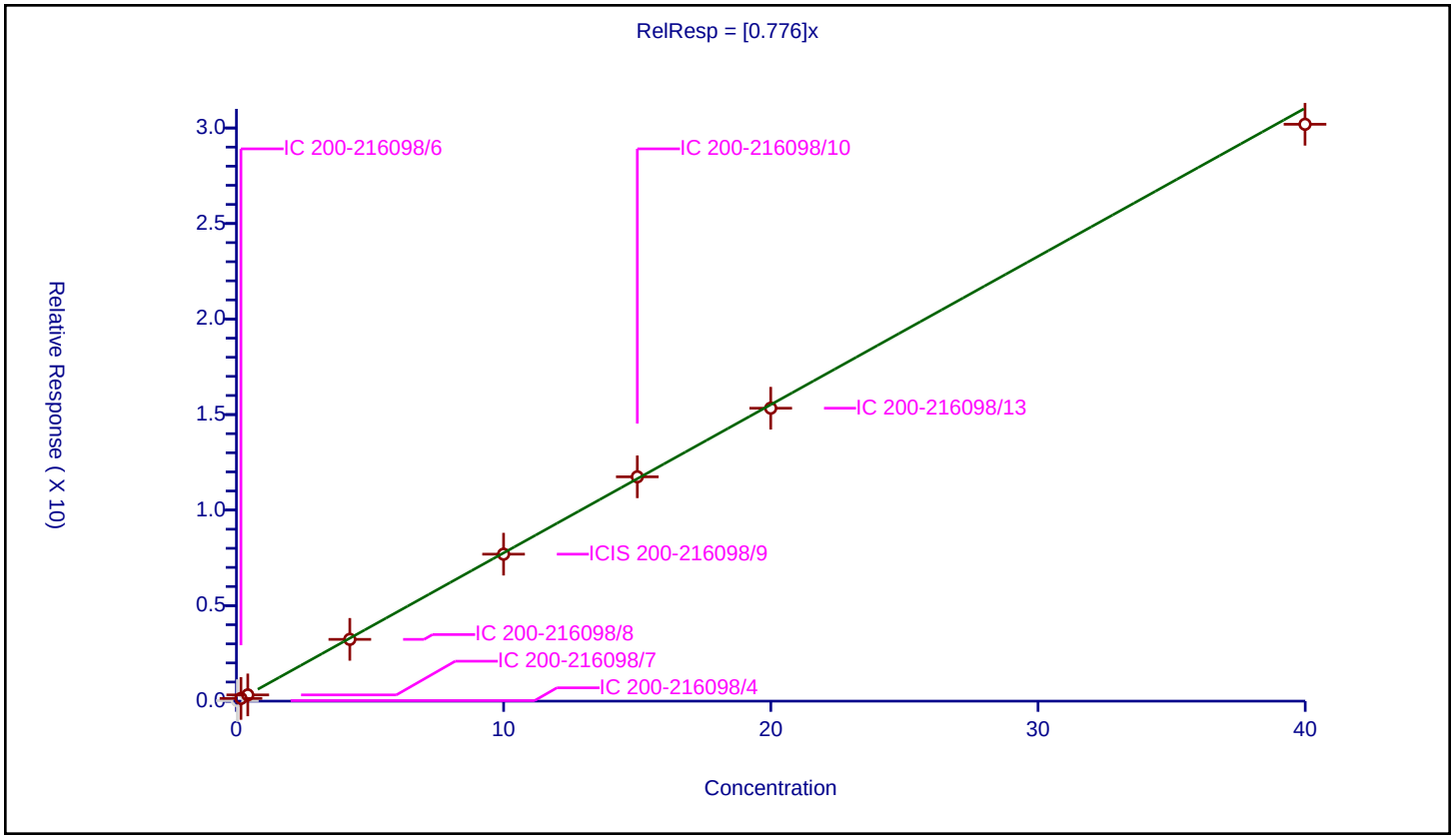
Curve Coefficients

Intercept:	0
Slope:	0.776

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.027056	10.0	1437411.0	0.771321	N
2	IC 200-216098/6	0.170374	0.141098	10.0	1391655.0	0.828169	Y
3	IC 200-216098/7	0.425385	0.32665	10.0	1361306.0	0.767892	Y
4	IC 200-216098/8	4.243678	3.233351	10.0	1416382.0	0.761922	Y
5	ICIS 200-216098/9	9.99806	7.693146	10.0	1443390.0	0.769464	Y
6	IC 200-216098/10	15.003557	11.741529	10.0	1500274.0	0.782583	Y
7	IC 200-216098/13	19.99612	15.333107	10.0	1495646.0	0.766804	Y
8	IC 200-216098/14	39.99224	30.194738	10.0	1560966.0	0.755015	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

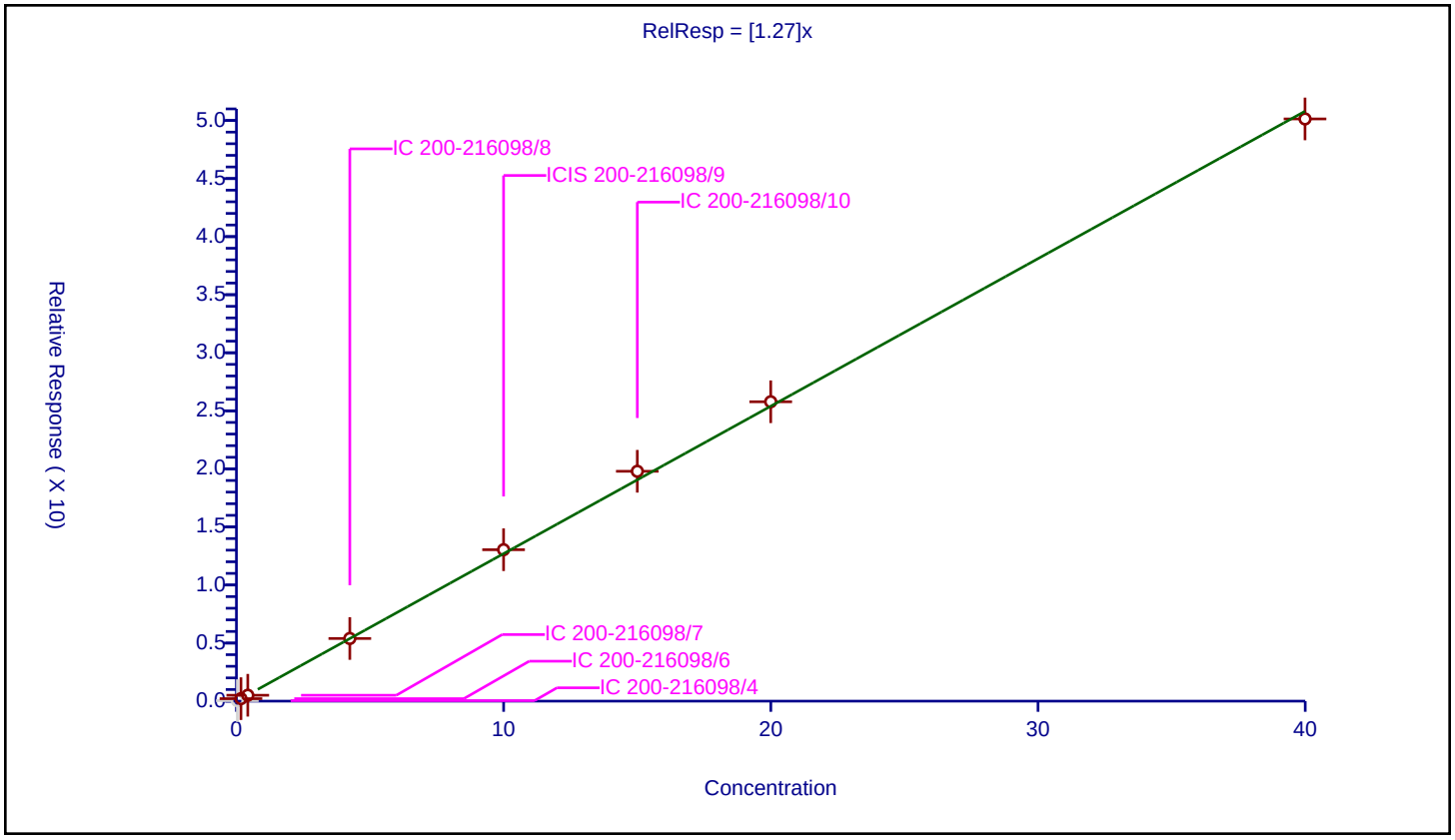
Curve Coefficients

Intercept:	0
Slope:	1.27

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.042382	10.0	1437411.0	1.208251	N
2	IC 200-216098/6	0.170374	0.214306	10.0	1391655.0	1.257858	Y
3	IC 200-216098/7	0.425385	0.508637	10.0	1361306.0	1.19571	Y
4	IC 200-216098/8	4.243678	5.394427	10.0	1416382.0	1.271168	Y
5	ICIS 200-216098/9	9.99806	13.039774	10.0	1443390.0	1.30423	Y
6	IC 200-216098/10	15.003557	19.793544	10.0	1500274.0	1.319257	Y
7	IC 200-216098/13	19.99612	25.781188	10.0	1495646.0	1.28931	Y
8	IC 200-216098/14	39.99224	50.134366	10.0	1560966.0	1.253602	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

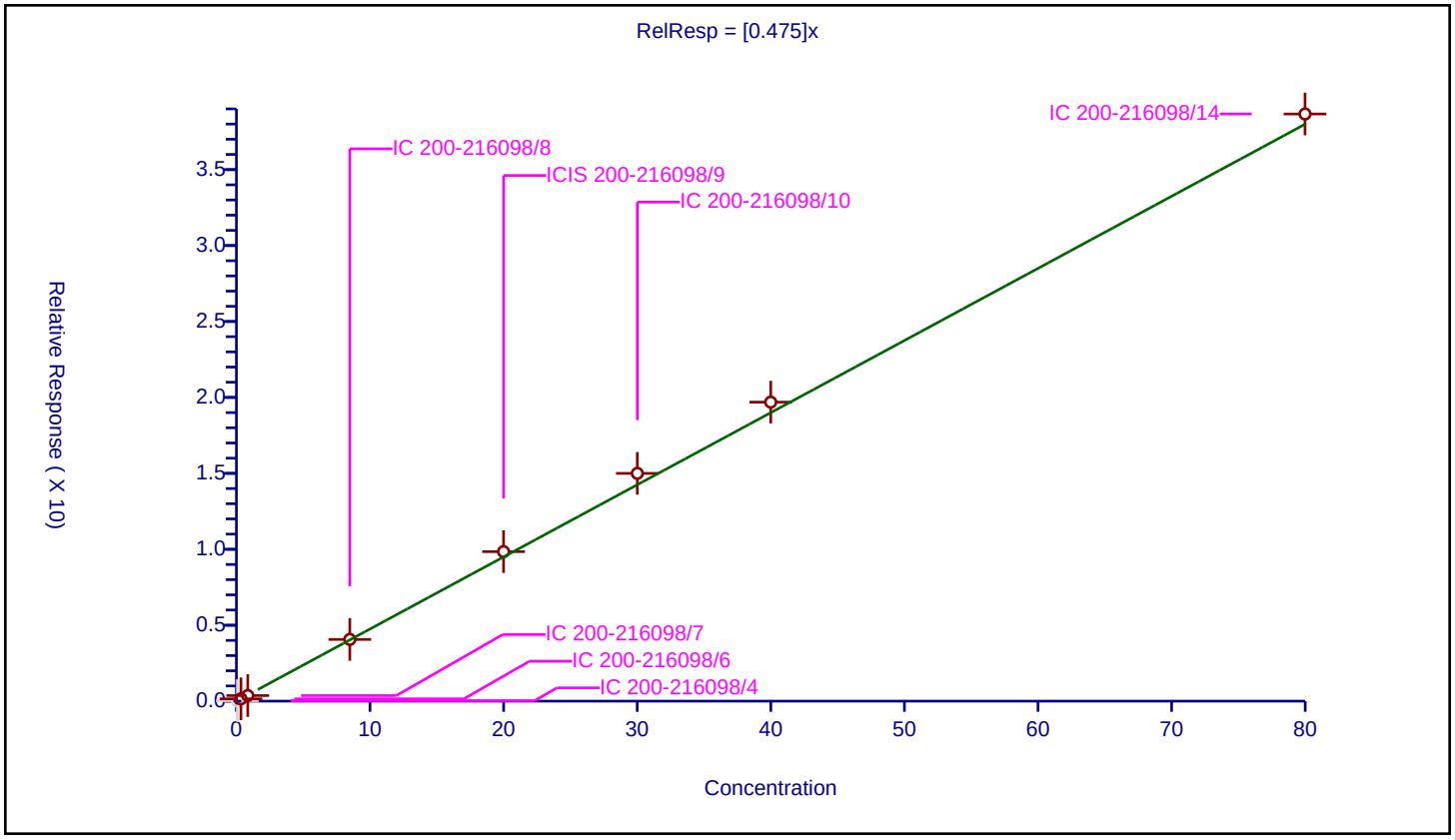
Curve Coefficients

Intercept:	0
Slope:	0.475

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.070154	0.029108	10.0	1437411.0	0.414915	N
2	IC 200-216098/6	0.340747	0.151783	10.0	1391655.0	0.445442	Y
3	IC 200-216098/7	0.850769	0.368051	10.0	1361306.0	0.43261	Y
4	IC 200-216098/8	8.487357	4.063247	10.0	1416382.0	0.478741	Y
5	ICIS 200-216098/9	19.99612	9.845399	10.0	1443390.0	0.492365	Y
6	IC 200-216098/10	30.007114	14.9986	10.0	1500274.0	0.499835	Y
7	IC 200-216098/13	39.99224	19.689739	10.0	1495646.0	0.492339	Y
8	IC 200-216098/14	79.984479	38.663699	10.0	1560966.0	0.48339	Y



Calibration / n-Nonane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

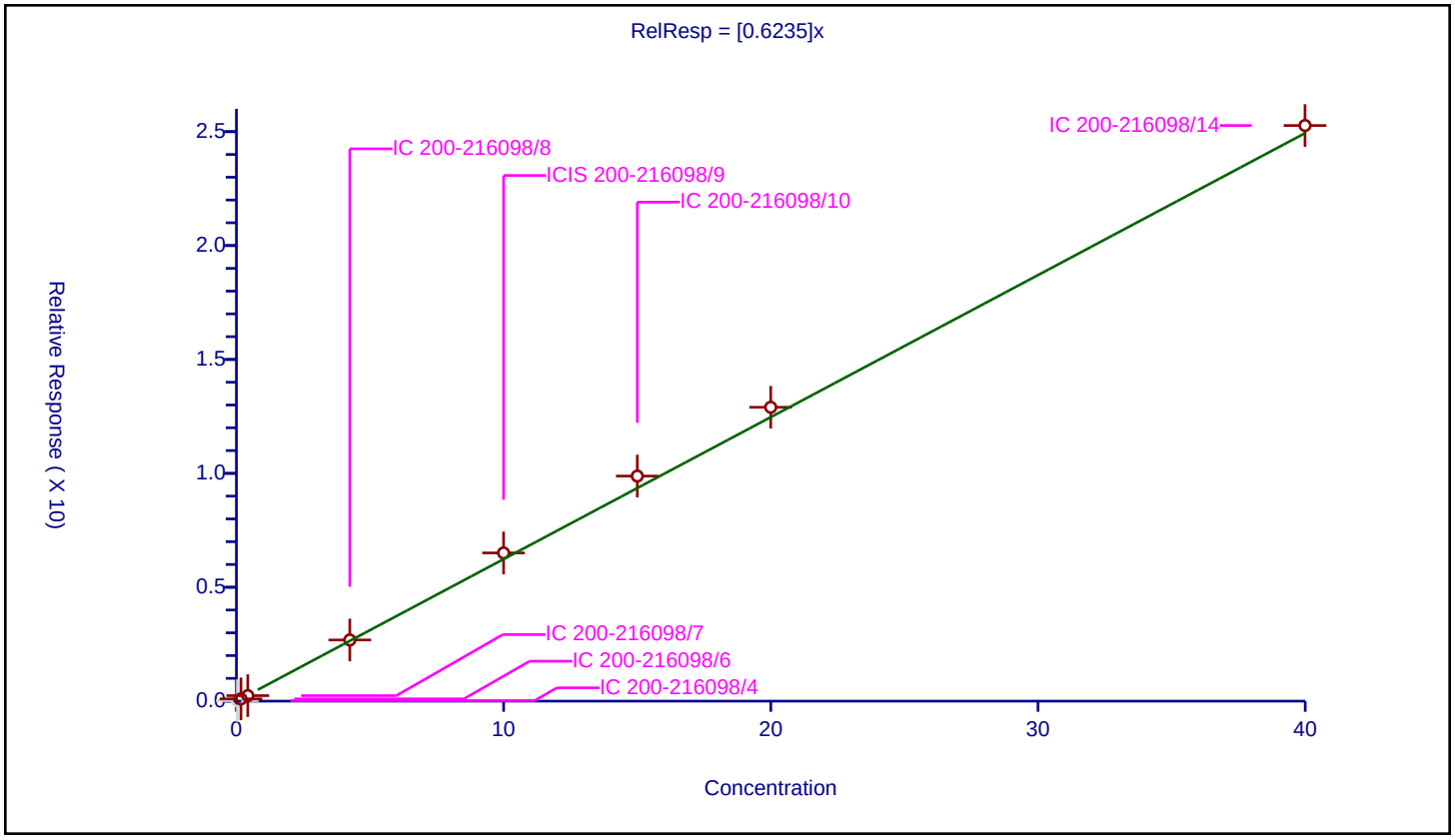
Curve Coefficients

Intercept:	0
Slope:	0.6235

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.021149	10.0	1437411.0	0.602936	N
2	IC 200-216098/6	0.170374	0.098516	10.0	1391655.0	0.578234	Y
3	IC 200-216098/7	0.425385	0.241224	10.0	1361306.0	0.567073	Y
4	IC 200-216098/8	4.243678	2.684947	10.0	1416382.0	0.632693	Y
5	ICIS 200-216098/9	9.99806	6.505941	10.0	1443390.0	0.65072	Y
6	IC 200-216098/10	15.003557	9.880409	10.0	1500274.0	0.658538	Y
7	IC 200-216098/13	19.99612	12.901235	10.0	1495646.0	0.645187	Y
8	IC 200-216098/14	39.99224	25.270128	10.0	1560966.0	0.631876	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

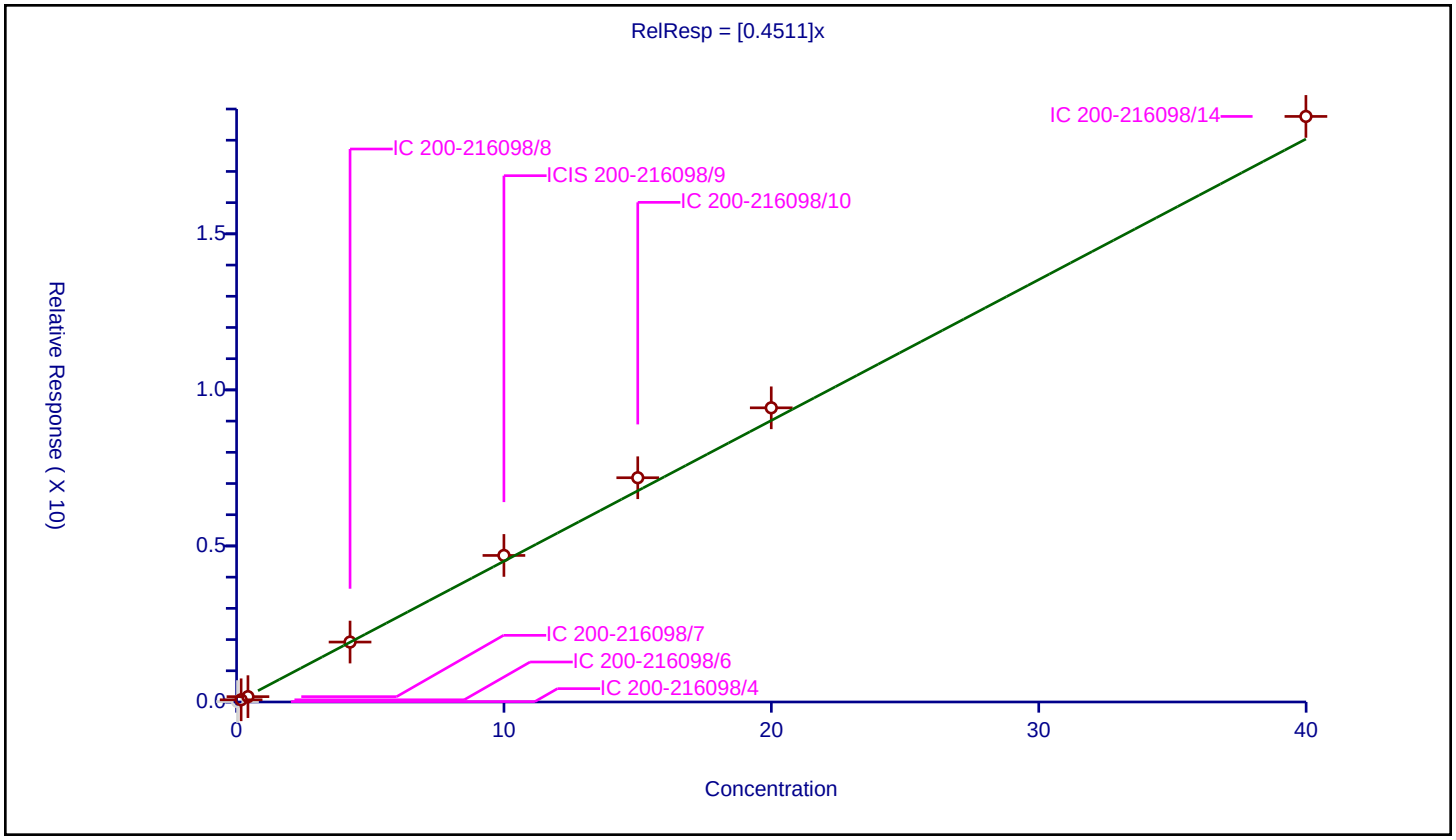
Curve Coefficients

Intercept:	0
Slope:	0.4511

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.013559	10.0	1437411.0	0.386553	N
2	IC 200-216098/6	0.170374	0.070391	10.0	1391655.0	0.413157	Y
3	IC 200-216098/7	0.425385	0.171277	10.0	1361306.0	0.40264	Y
4	IC 200-216098/8	4.243678	1.920294	10.0	1416382.0	0.452507	Y
5	ICIS 200-216098/9	9.99806	4.695418	10.0	1443390.0	0.469633	Y
6	IC 200-216098/10	15.003557	7.185614	10.0	1500274.0	0.478927	Y
7	IC 200-216098/13	19.99612	9.426281	10.0	1495646.0	0.471406	Y
8	IC 200-216098/14	39.99224	18.762459	10.0	1560966.0	0.469152	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

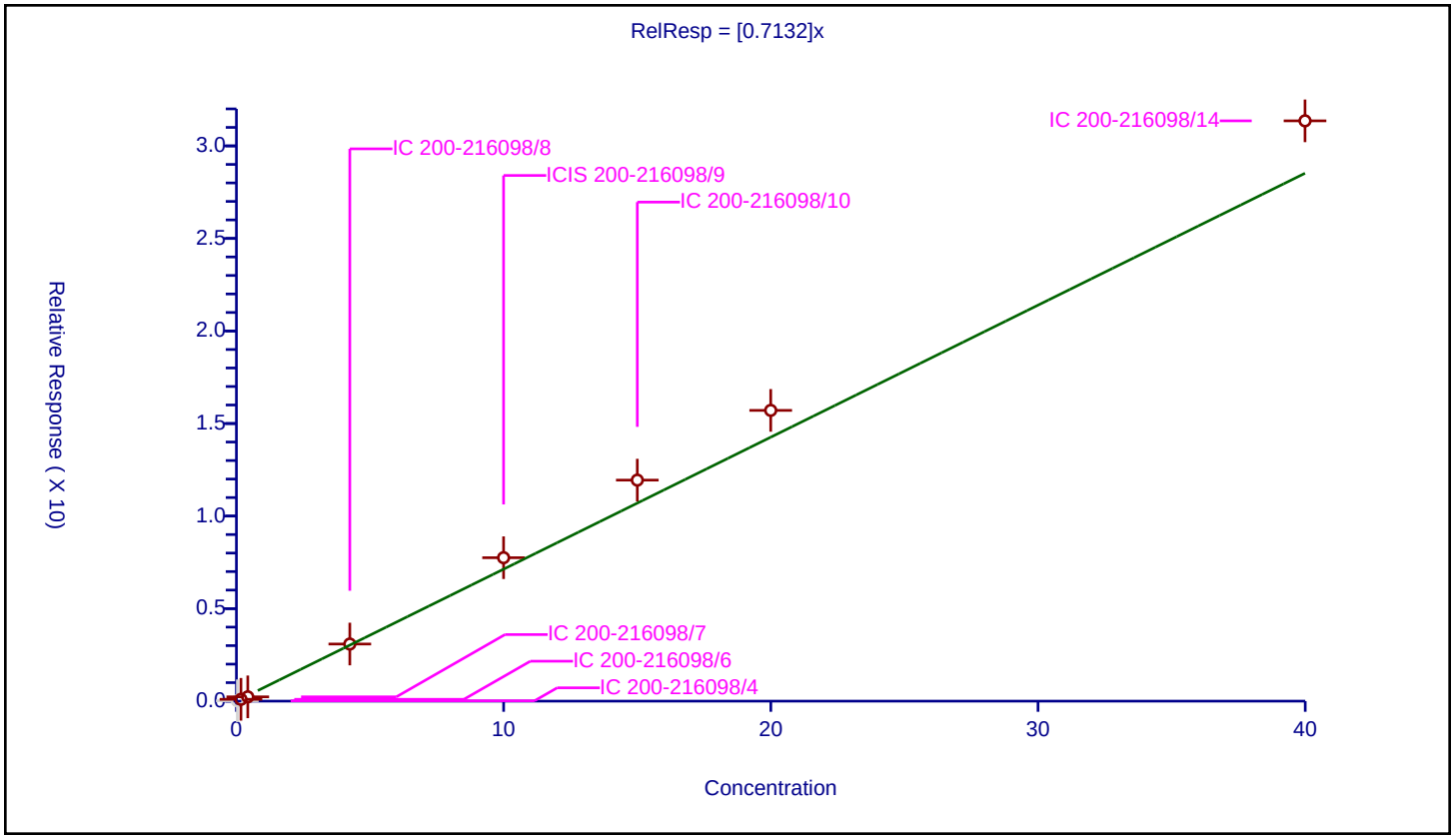
Curve Coefficients

Intercept:	0
Slope:	0.7132

Error Coefficients

Relative Standard Deviation:	14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.019013	10.0	1437411.0	0.542047	N
2	IC 200-216098/6	0.170374	0.098681	10.0	1391655.0	0.579204	Y
3	IC 200-216098/7	0.425385	0.231844	10.0	1361306.0	0.545021	Y
4	IC 200-216098/8	4.243678	3.085714	10.0	1416382.0	0.727132	Y
5	ICIS 200-216098/9	9.99806	7.750248	10.0	1443390.0	0.775175	Y
6	IC 200-216098/10	15.003557	11.942512	10.0	1500274.0	0.795979	Y
7	IC 200-216098/13	19.99612	15.710034	10.0	1495646.0	0.785654	Y
8	IC 200-216098/14	39.99224	31.353585	10.0	1560966.0	0.783992	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

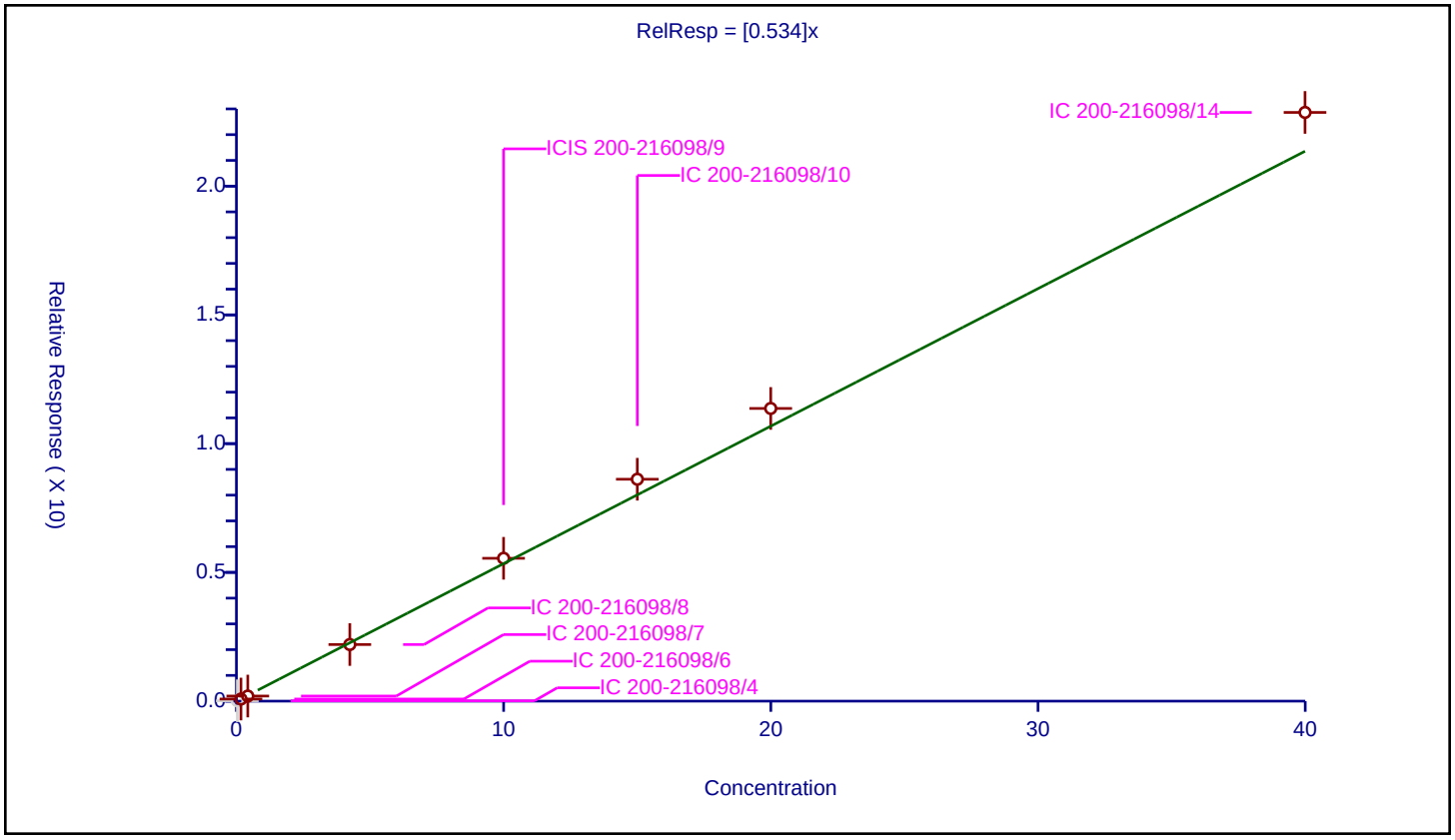
Curve Coefficients

Intercept:	0
Slope:	0.534

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.01397	10.0	1437411.0	0.398255	N
2	IC 200-216098/6	0.170374	0.082405	10.0	1391655.0	0.483675	Y
3	IC 200-216098/7	0.425385	0.198574	10.0	1361306.0	0.46681	Y
4	IC 200-216098/8	4.243678	2.198574	10.0	1416382.0	0.518082	Y
5	ICIS 200-216098/9	9.99806	5.548106	10.0	1443390.0	0.554918	Y
6	IC 200-216098/10	15.003557	8.617579	10.0	1500274.0	0.574369	Y
7	IC 200-216098/13	19.99612	11.366948	10.0	1495646.0	0.568458	Y
8	IC 200-216098/14	39.99224	22.862522	10.0	1560966.0	0.571674	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

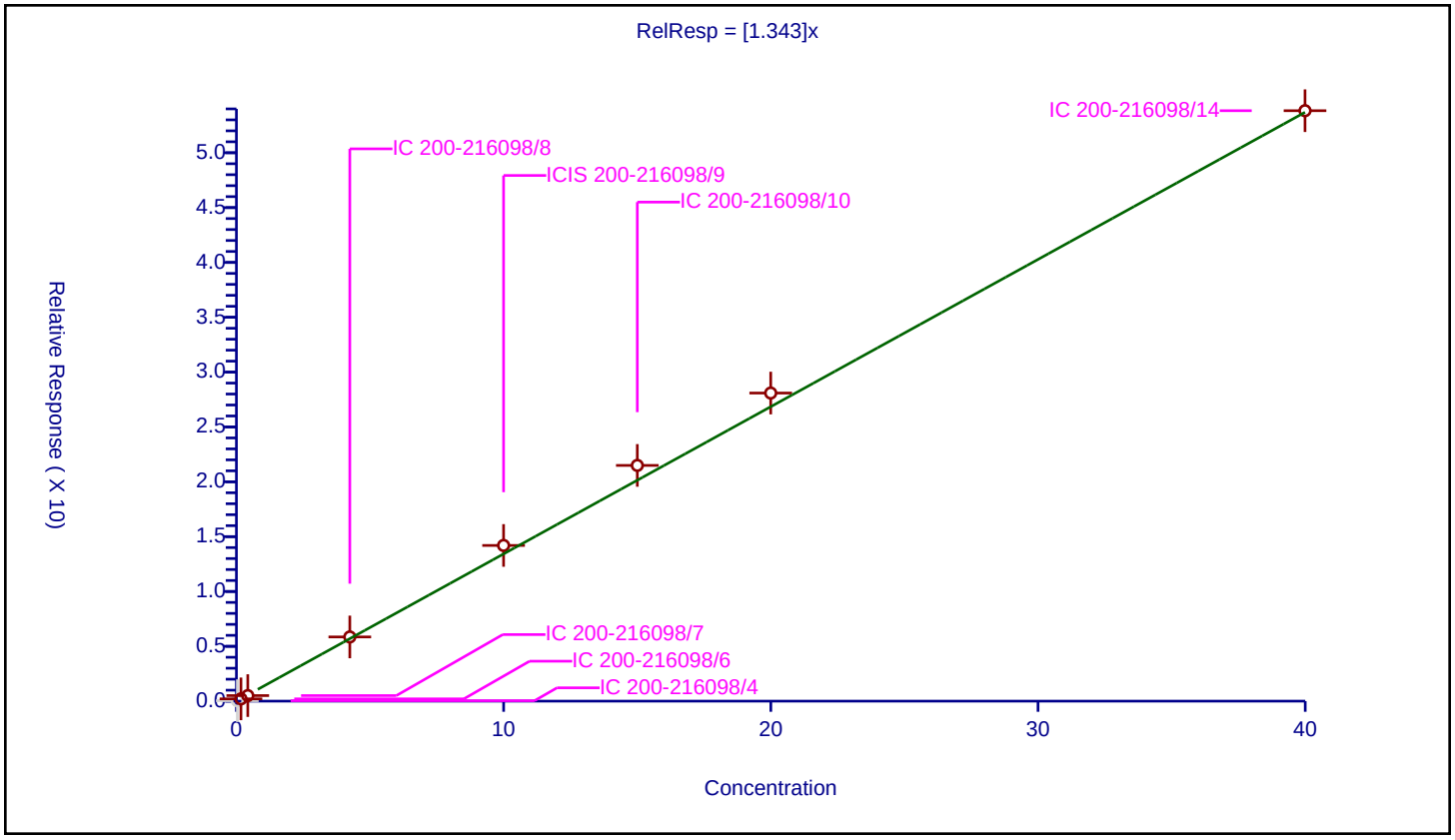
Curve Coefficients

Intercept:	0
Slope:	1.343

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.040775	10.0	1437411.0	1.162436	N
2	IC 200-216098/6	0.170374	0.208694	10.0	1391655.0	1.224919	Y
3	IC 200-216098/7	0.425385	0.506286	10.0	1361306.0	1.190184	Y
4	IC 200-216098/8	4.243678	5.853216	10.0	1416382.0	1.379279	Y
5	ICIS 200-216098/9	9.99806	14.195886	10.0	1443390.0	1.419864	Y
6	IC 200-216098/10	15.003557	21.491721	10.0	1500274.0	1.432442	Y
7	IC 200-216098/13	19.99612	28.091313	10.0	1495646.0	1.404838	Y
8	IC 200-216098/14	39.99224	53.834145	10.0	1560966.0	1.346115	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

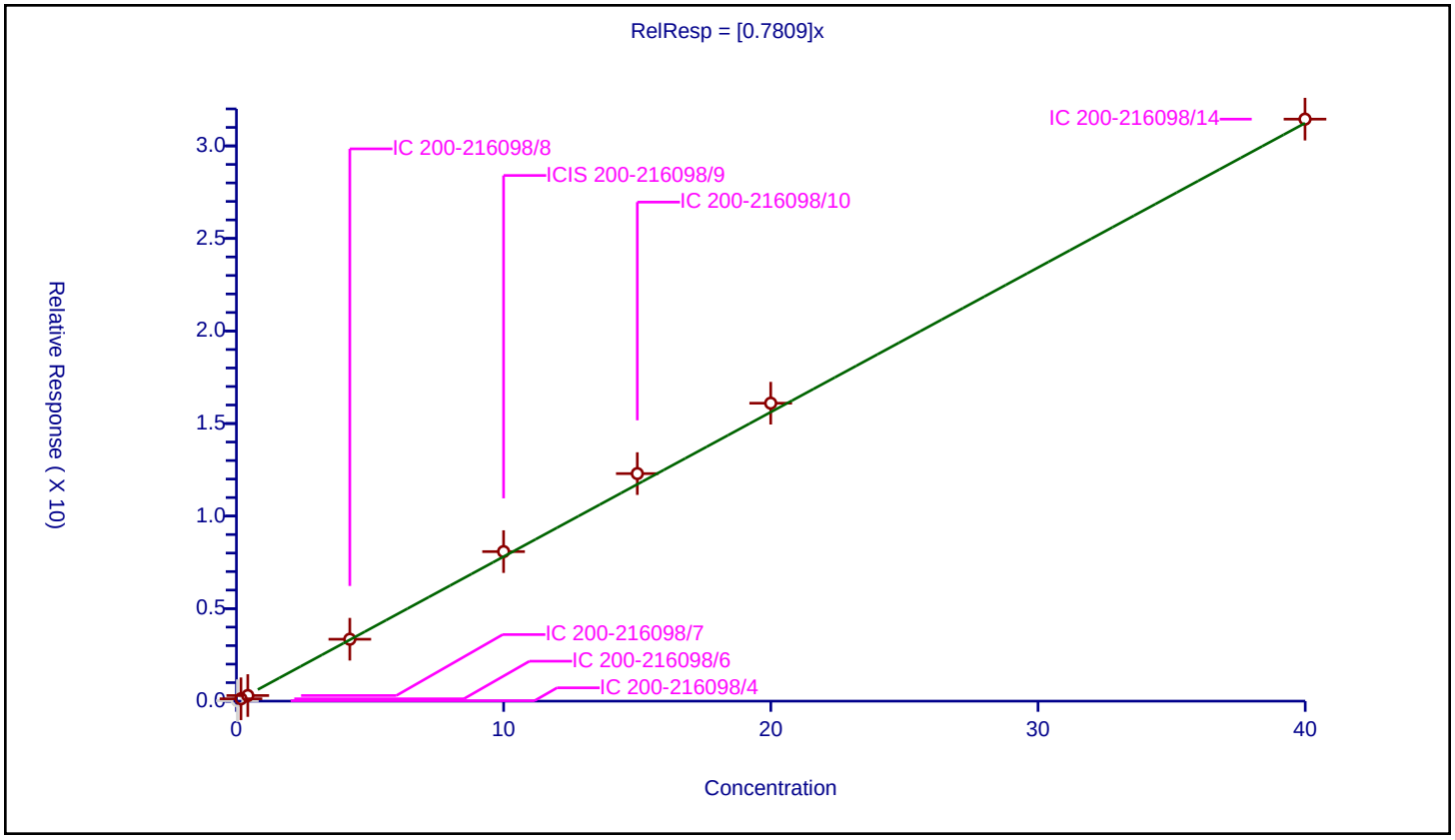
Curve Coefficients

Intercept:	0
Slope:	0.7809

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.024099	10.0	1437411.0	0.687029	N
2	IC 200-216098/6	0.170374	0.127223	10.0	1391655.0	0.746727	Y
3	IC 200-216098/7	0.425385	0.303113	10.0	1361306.0	0.712563	Y
4	IC 200-216098/8	4.243678	3.344818	10.0	1416382.0	0.788188	Y
5	ICIS 200-216098/9	9.99806	8.0802	10.0	1443390.0	0.808177	Y
6	IC 200-216098/10	15.003557	12.294814	10.0	1500274.0	0.81946	Y
7	IC 200-216098/13	19.99612	16.097793	10.0	1495646.0	0.805046	Y
8	IC 200-216098/14	39.99224	31.445477	10.0	1560966.0	0.786289	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

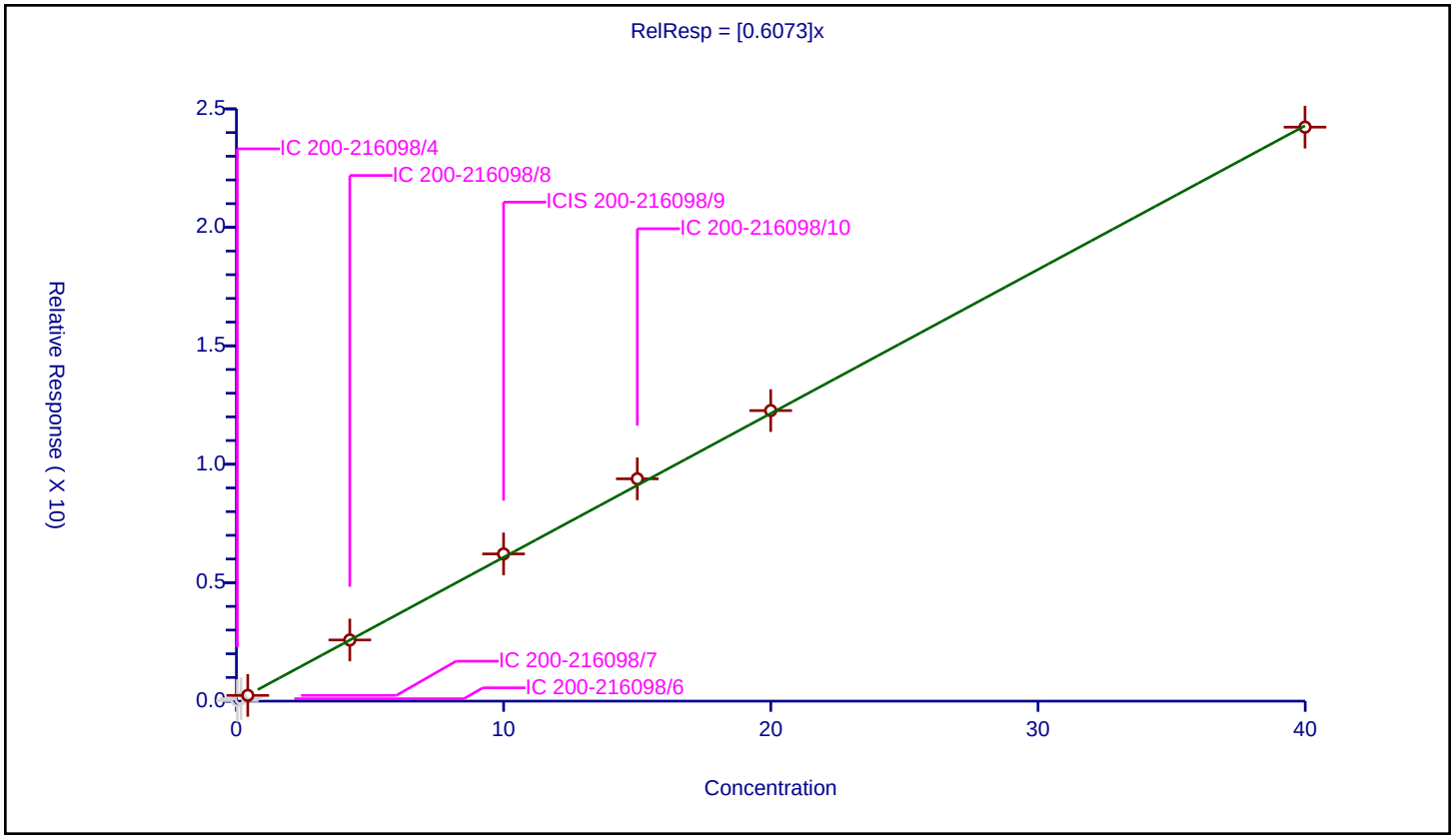
Curve Coefficients

Intercept:	0
Slope:	0.6073

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.023605	10.0	1437411.0	0.672947	N
2	IC 200-216098/6	0.170374	0.102073	10.0	1391655.0	0.599111	N
3	IC 200-216098/7	0.425385	0.242047	10.0	1361306.0	0.569007	Y
4	IC 200-216098/8	4.243678	2.582432	10.0	1416382.0	0.608536	Y
5	ICIS 200-216098/9	9.99806	6.214675	10.0	1443390.0	0.621588	Y
6	IC 200-216098/10	15.003557	9.384912	10.0	1500274.0	0.625512	Y
7	IC 200-216098/13	19.99612	12.26585	10.0	1495646.0	0.613412	Y
8	IC 200-216098/14	39.99224	24.230188	10.0	1560966.0	0.605872	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

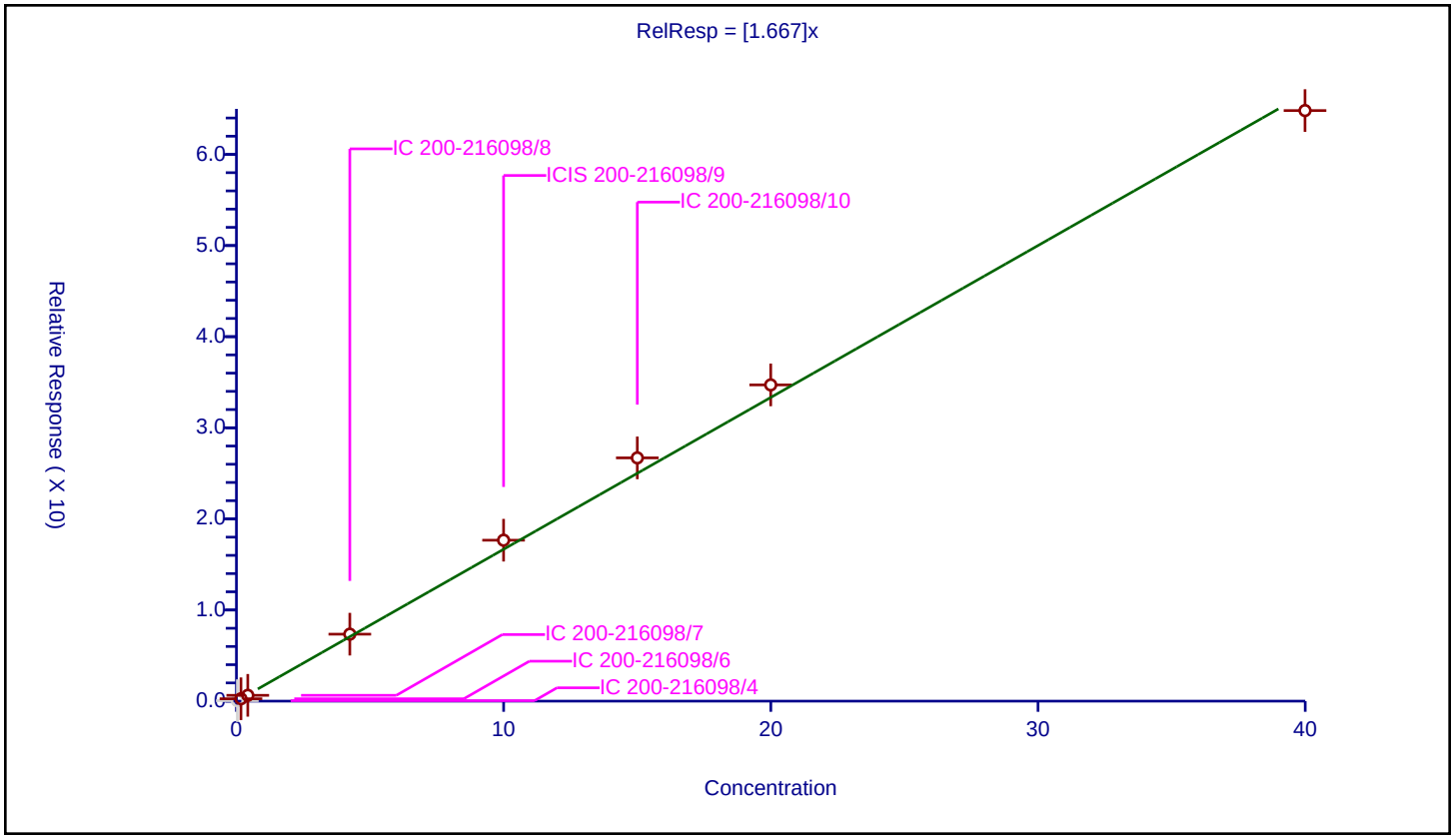
Curve Coefficients

Intercept:	0
Slope:	1.667

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.051732	10.0	1437411.0	1.474812	N
2	IC 200-216098/6	0.170374	0.260668	10.0	1391655.0	1.529978	Y
3	IC 200-216098/7	0.425385	0.639246	10.0	1361306.0	1.502749	Y
4	IC 200-216098/8	4.243678	7.350997	10.0	1416382.0	1.732223	Y
5	ICIS 200-216098/9	9.99806	17.663293	10.0	1443390.0	1.766672	Y
6	IC 200-216098/10	15.003557	26.69751	10.0	1500274.0	1.779412	Y
7	IC 200-216098/13	19.99612	34.708494	10.0	1495646.0	1.735761	Y
8	IC 200-216098/14	39.99224	64.815979	10.0	1560966.0	1.620714	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

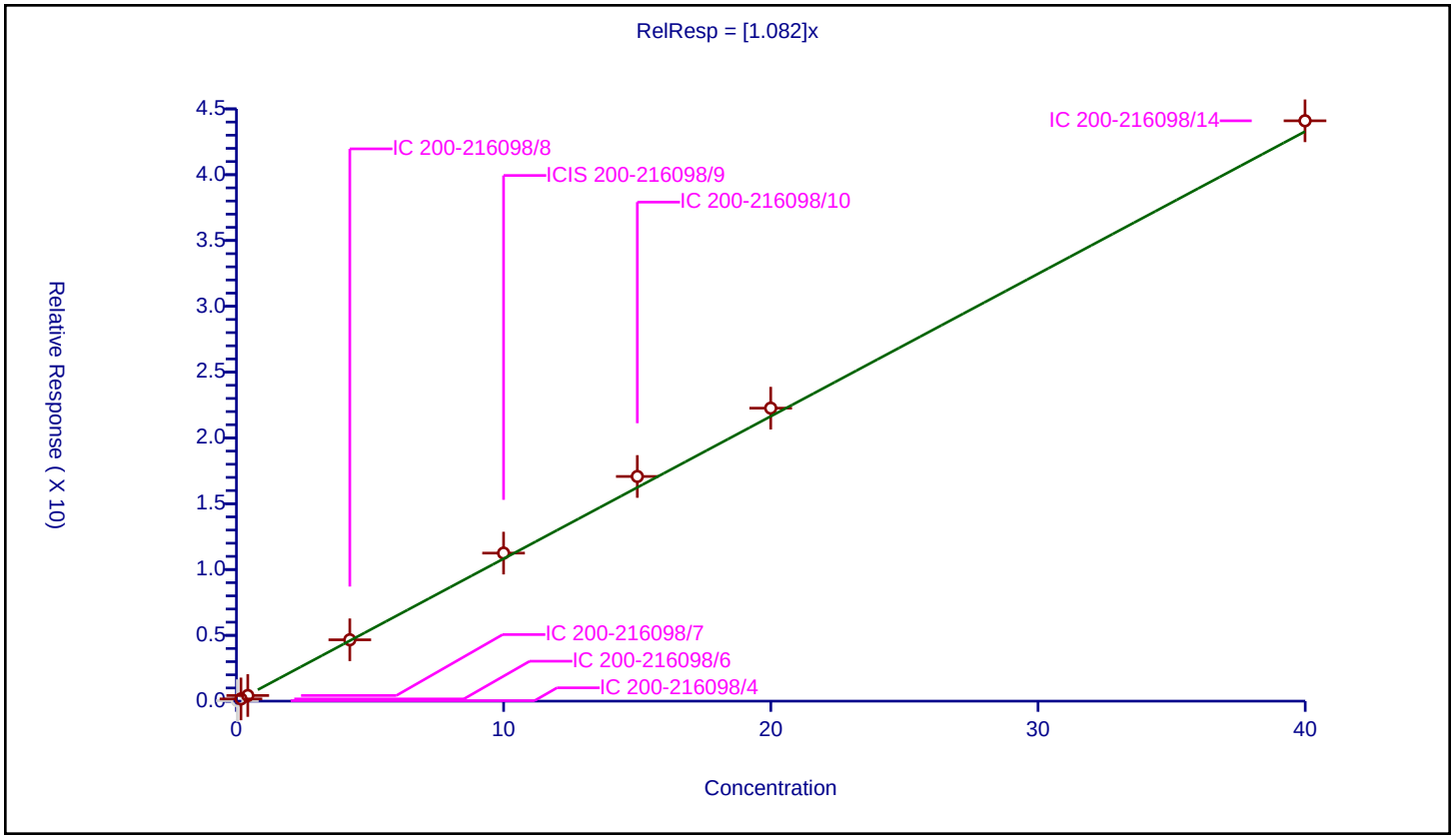
Curve Coefficients

Intercept:	0
Slope:	1.082

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.035167	10.0	1437411.0	1.002579	N
2	IC 200-216098/6	0.170374	0.169151	10.0	1391655.0	0.992824	Y
3	IC 200-216098/7	0.425385	0.427685	10.0	1361306.0	1.005407	Y
4	IC 200-216098/8	4.243678	4.661666	10.0	1416382.0	1.098497	Y
5	ICIS 200-216098/9	9.99806	11.248616	10.0	1443390.0	1.12508	Y
6	IC 200-216098/10	15.003557	17.071428	10.0	1500274.0	1.137825	Y
7	IC 200-216098/13	19.99612	22.262434	10.0	1495646.0	1.113338	Y
8	IC 200-216098/14	39.99224	44.096194	10.0	1560966.0	1.102619	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

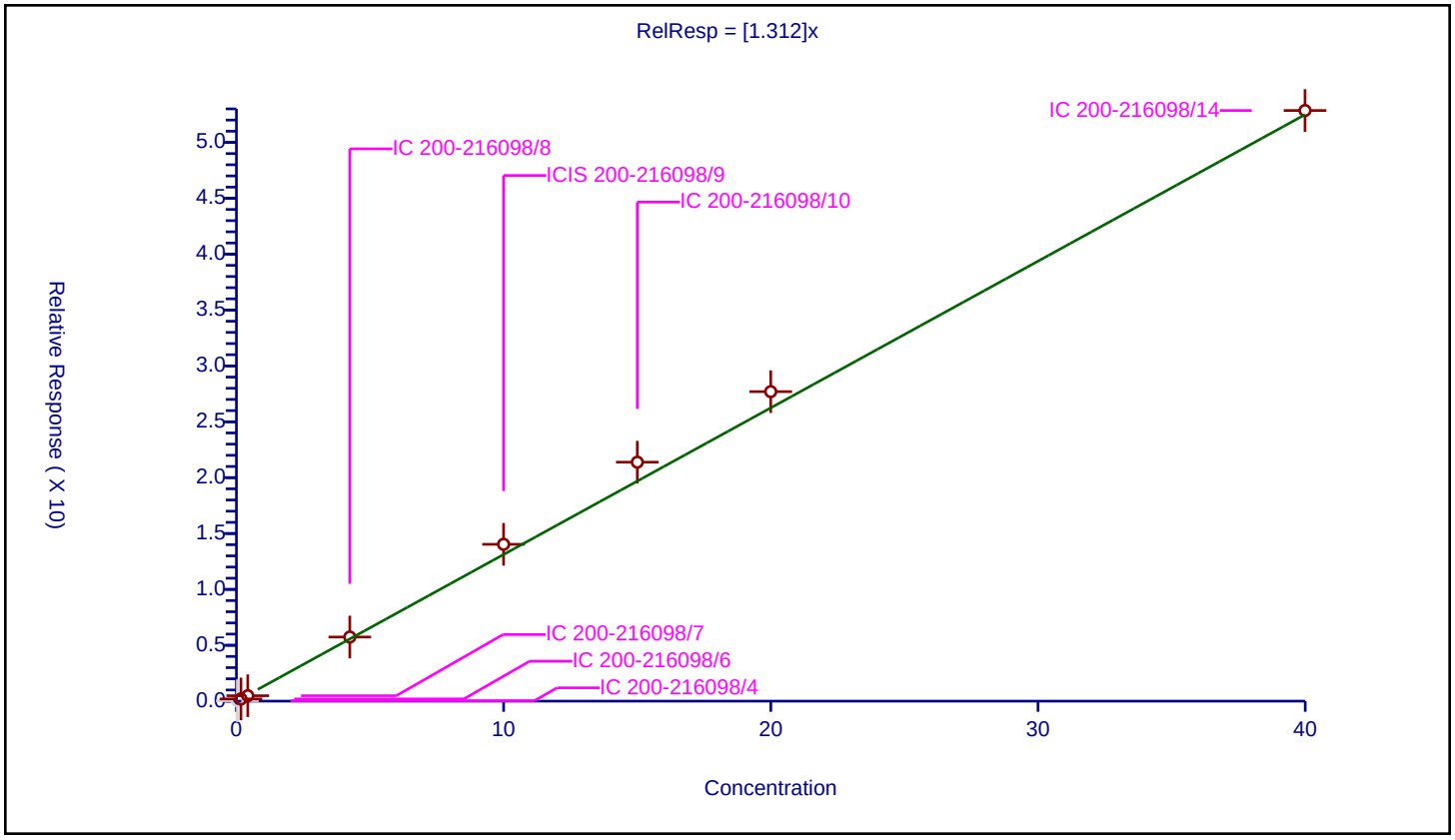
Curve Coefficients

Intercept:	0
Slope:	1.312

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.03891	10.0	1437411.0	1.109282	N
2	IC 200-216098/6	0.170374	0.19747	10.0	1391655.0	1.15904	Y
3	IC 200-216098/7	0.425385	0.484748	10.0	1361306.0	1.139551	Y
4	IC 200-216098/8	4.243678	5.739327	10.0	1416382.0	1.352442	Y
5	ICIS 200-216098/9	9.99806	14.034876	10.0	1443390.0	1.40376	Y
6	IC 200-216098/10	15.003557	21.38588	10.0	1500274.0	1.425387	Y
7	IC 200-216098/13	19.99612	27.696032	10.0	1495646.0	1.38507	Y
8	IC 200-216098/14	39.99224	52.854021	10.0	1560966.0	1.321607	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

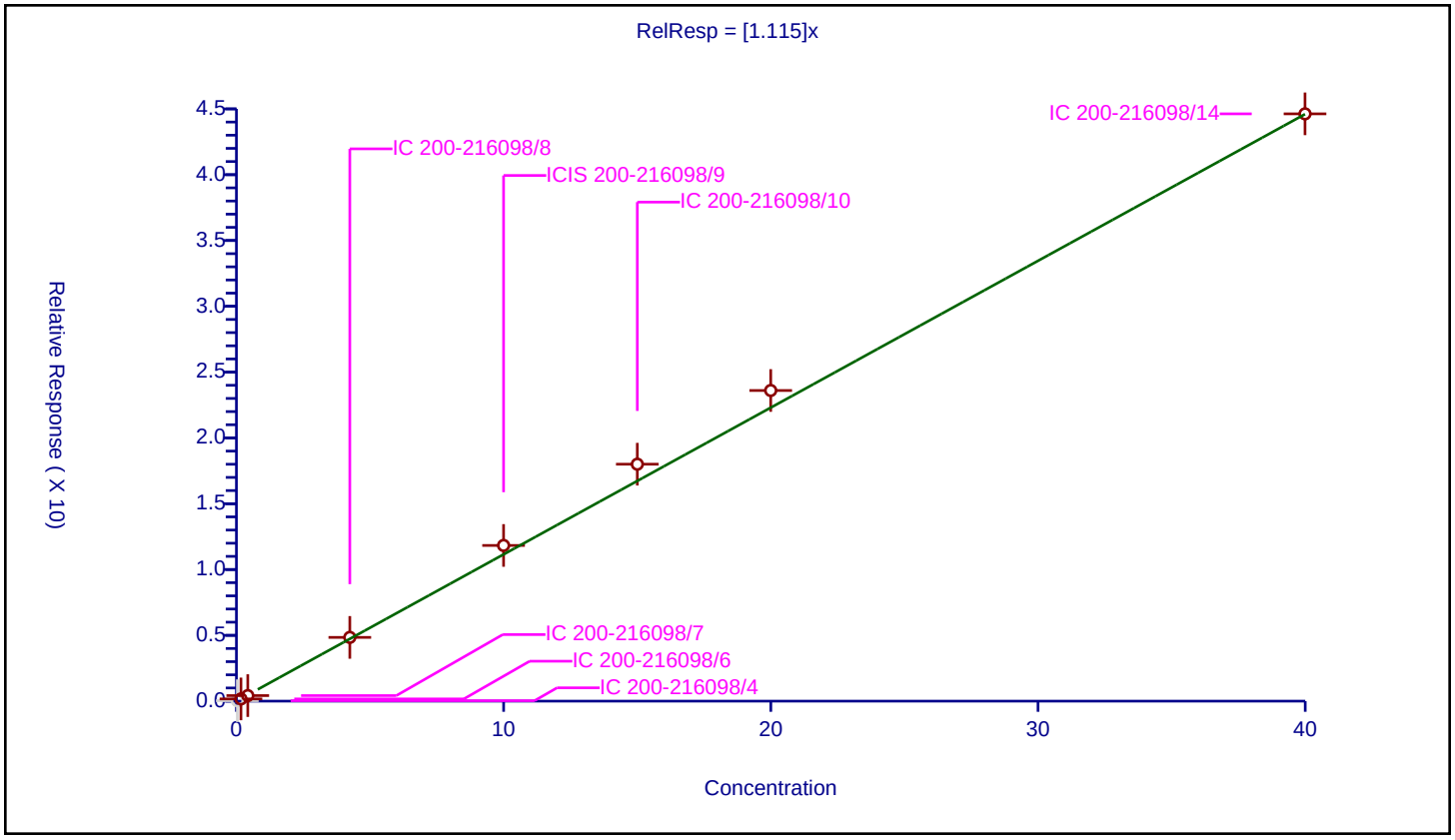
Curve Coefficients

Intercept:	0
Slope:	1.115

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.033317	10.0	1437411.0	0.949822	N
2	IC 200-216098/6	0.170374	0.169065	10.0	1391655.0	0.992318	Y
3	IC 200-216098/7	0.425385	0.422462	10.0	1361306.0	0.993129	Y
4	IC 200-216098/8	4.243678	4.844138	10.0	1416382.0	1.141495	Y
5	ICIS 200-216098/9	9.99806	11.829686	10.0	1443390.0	1.183198	Y
6	IC 200-216098/10	15.003557	18.003638	10.0	1500274.0	1.199958	Y
7	IC 200-216098/13	19.99612	23.604001	10.0	1495646.0	1.180429	Y
8	IC 200-216098/14	39.99224	44.624098	10.0	1560966.0	1.115819	Y



Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

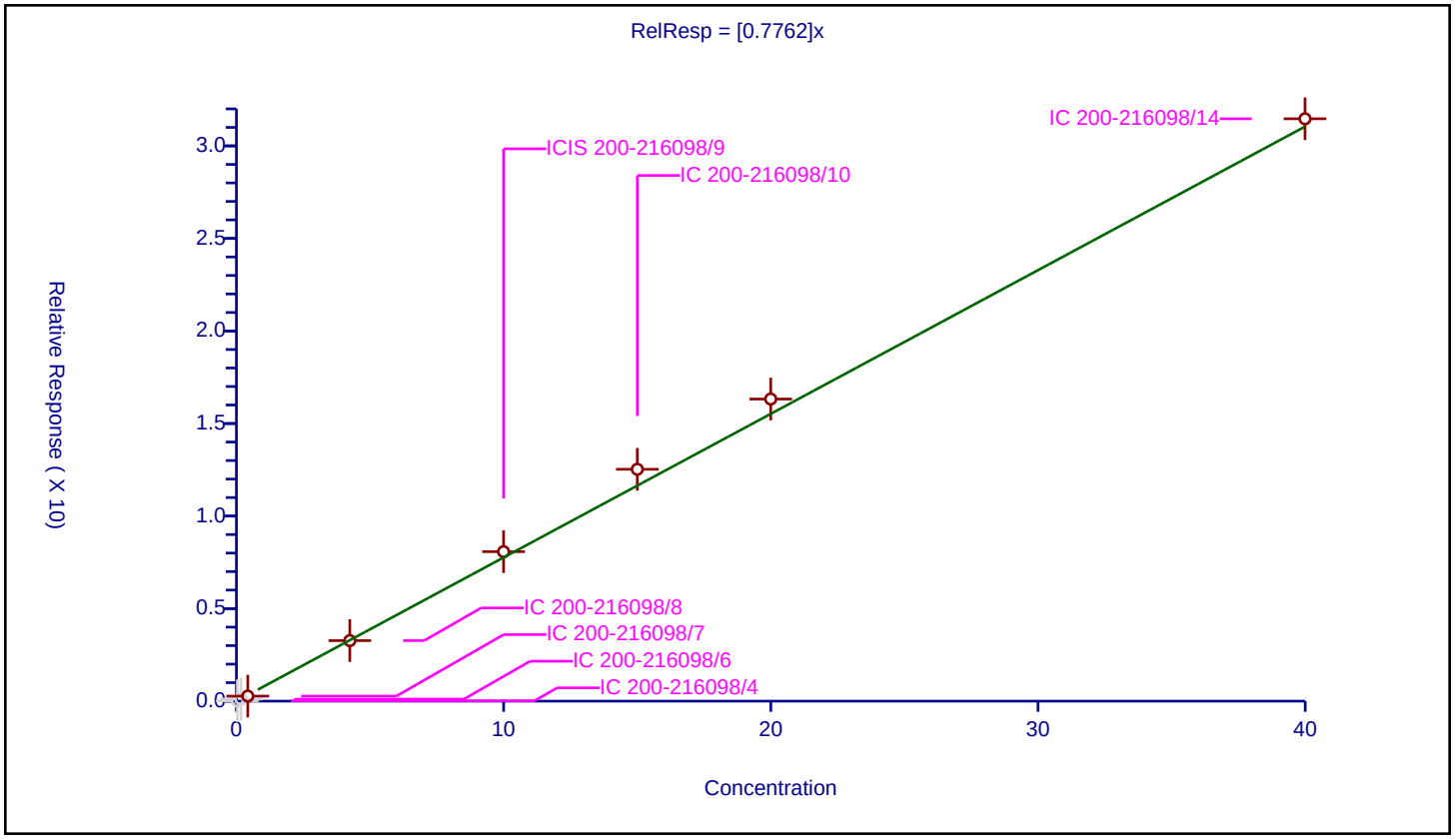
Curve Coefficients

Intercept:	0
Slope:	0.7762

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.019834	10.0	1437411.0	0.56545	N
2	IC 200-216098/6	0.170374	0.108856	10.0	1391655.0	0.638925	N
3	IC 200-216098/7	0.425385	0.272481	10.0	1361306.0	0.640552	Y
4	IC 200-216098/8	4.243678	3.270827	10.0	1416382.0	0.770753	Y
5	ICIS 200-216098/9	9.99806	8.076618	10.0	1443390.0	0.807819	Y
6	IC 200-216098/10	15.003557	12.528371	10.0	1500274.0	0.835027	Y
7	IC 200-216098/13	19.99612	16.322873	10.0	1495646.0	0.816302	Y
8	IC 200-216098/14	39.99224	31.465099	10.0	1560966.0	0.78678	Y



Calibration / Alpha Methyl Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

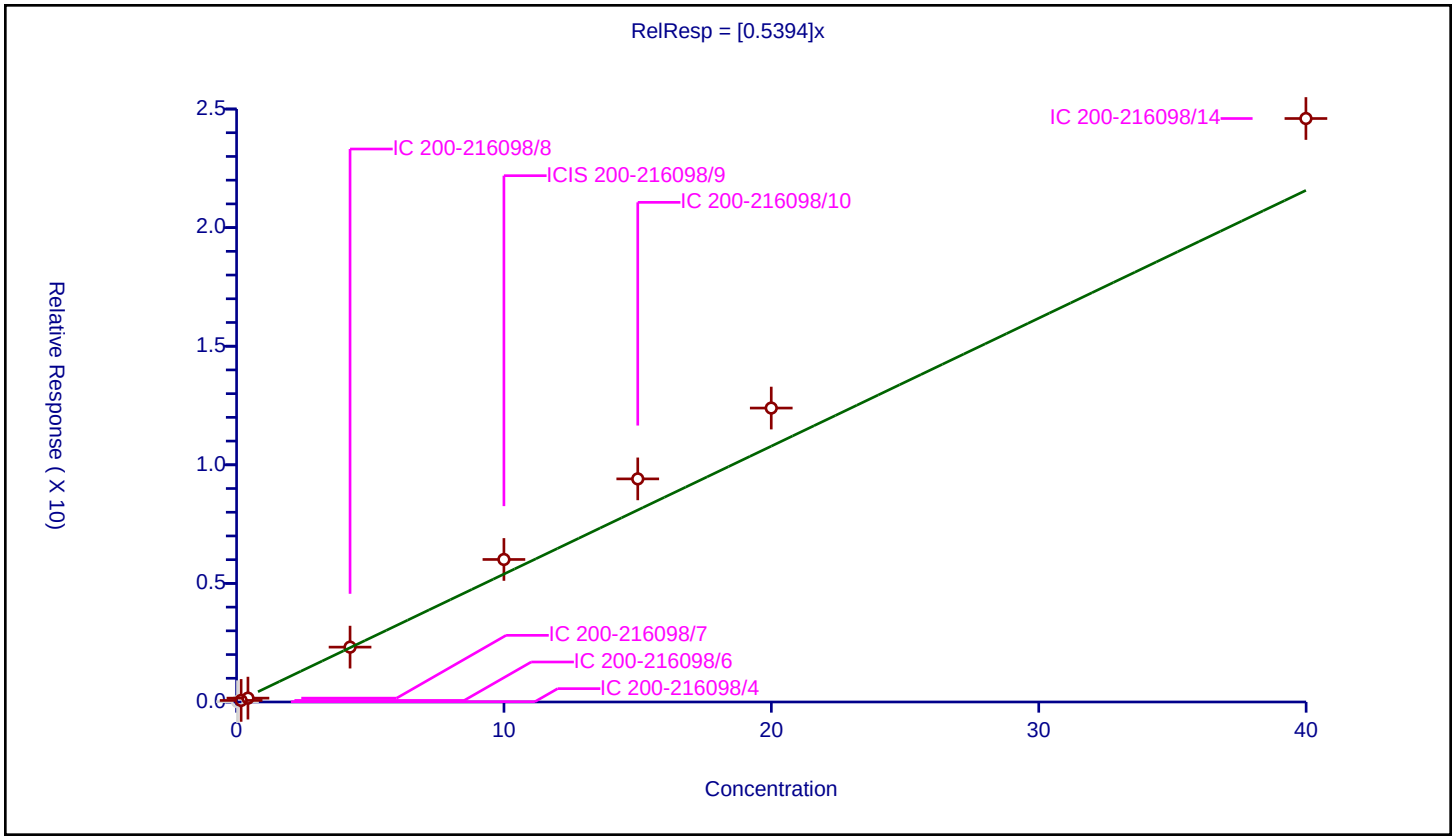
Curve Coefficients

Intercept:	0
Slope:	0.5394

Error Coefficients

Relative Standard Deviation:	20.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.012996	10.0	1437411.0	0.370488	N
2	IC 200-216098/6	0.170374	0.065512	10.0	1391655.0	0.384519	Y
3	IC 200-216098/7	0.425385	0.163013	10.0	1361306.0	0.383212	Y
4	IC 200-216098/8	4.243678	2.312964	10.0	1416382.0	0.545037	Y
5	ICIS 200-216098/9	9.99806	6.008161	10.0	1443390.0	0.600933	Y
6	IC 200-216098/10	15.003557	9.406148	10.0	1500274.0	0.626928	Y
7	IC 200-216098/13	19.99612	12.392351	10.0	1495646.0	0.619738	Y
8	IC 200-216098/14	39.99224	24.599511	10.0	1560966.0	0.615107	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

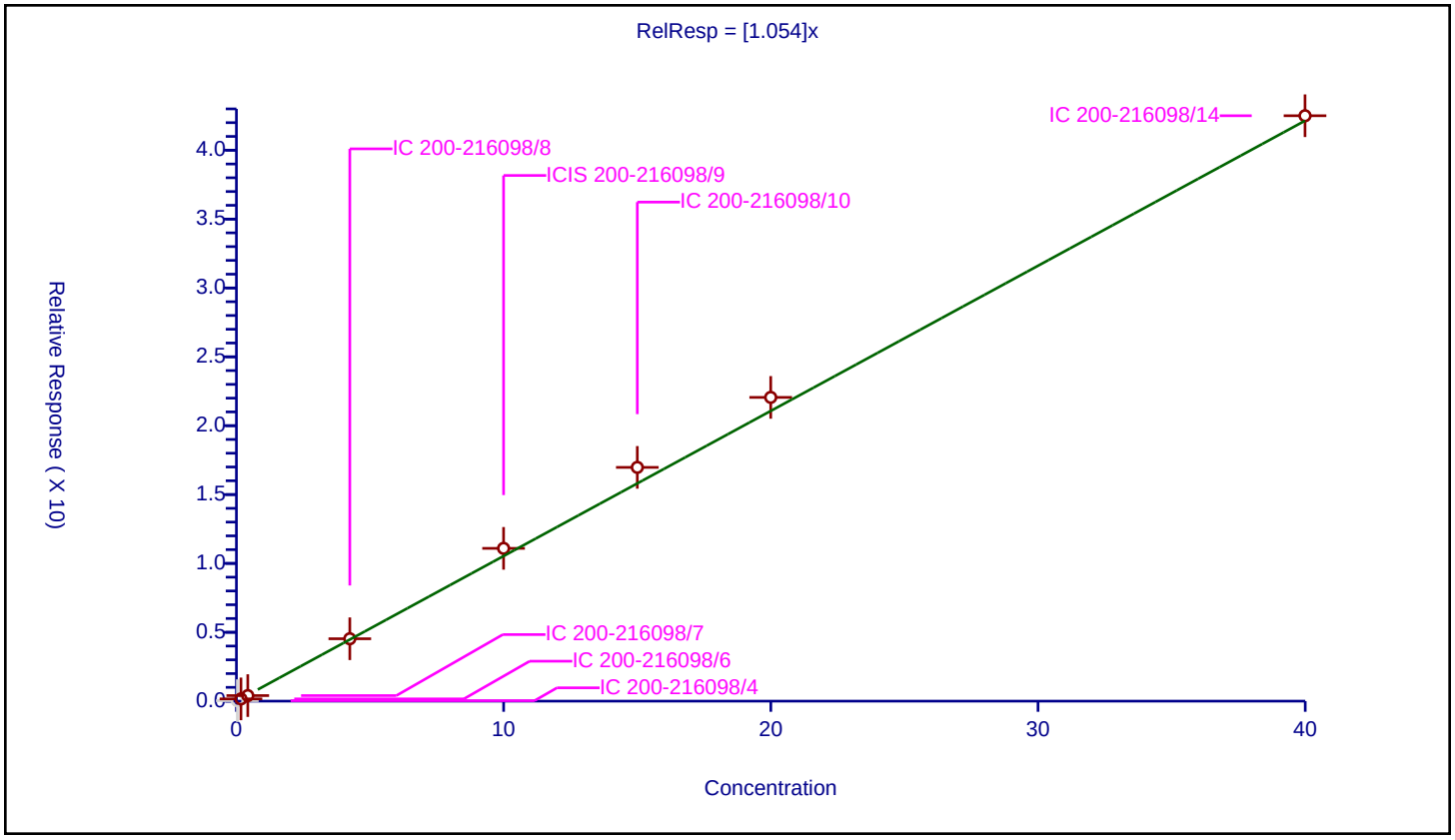
Curve Coefficients

Intercept:	0
Slope:	1.054

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.034632	10.0	1437411.0	0.987307	N
2	IC 200-216098/6	0.170374	0.162785	10.0	1391655.0	0.955456	Y
3	IC 200-216098/7	0.425385	0.402716	10.0	1361306.0	0.946711	Y
4	IC 200-216098/8	4.243678	4.529047	10.0	1416382.0	1.067245	Y
5	ICIS 200-216098/9	9.99806	11.092324	10.0	1443390.0	1.109448	Y
6	IC 200-216098/10	15.003557	16.97244	10.0	1500274.0	1.131228	Y
7	IC 200-216098/13	19.99612	22.053634	10.0	1495646.0	1.102896	Y
8	IC 200-216098/14	39.99224	42.502053	10.0	1560966.0	1.062758	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

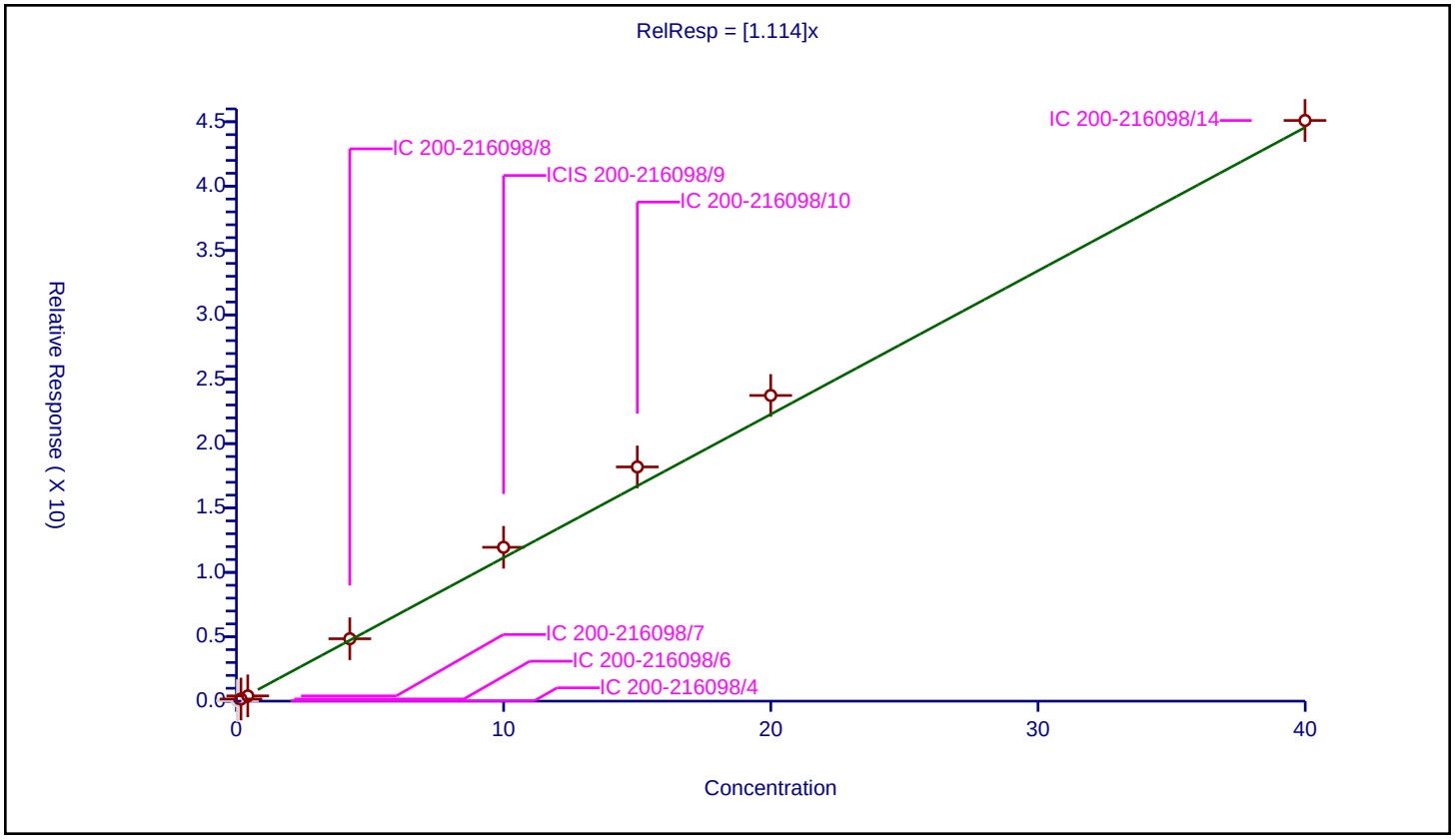
Curve Coefficients

Intercept:	0
Slope:	1.114

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.033226	10.0	1437411.0	0.947243	N
2	IC 200-216098/6	0.170374	0.165587	10.0	1391655.0	0.971905	Y
3	IC 200-216098/7	0.425385	0.409585	10.0	1361306.0	0.962857	Y
4	IC 200-216098/8	4.243678	4.845225	10.0	1416382.0	1.141751	Y
5	ICIS 200-216098/9	9.99806	11.949923	10.0	1443390.0	1.195224	Y
6	IC 200-216098/10	15.003557	18.191457	10.0	1500274.0	1.212476	Y
7	IC 200-216098/13	19.99612	23.742356	10.0	1495646.0	1.187348	Y
8	IC 200-216098/14	39.99224	45.099573	10.0	1560966.0	1.127708	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

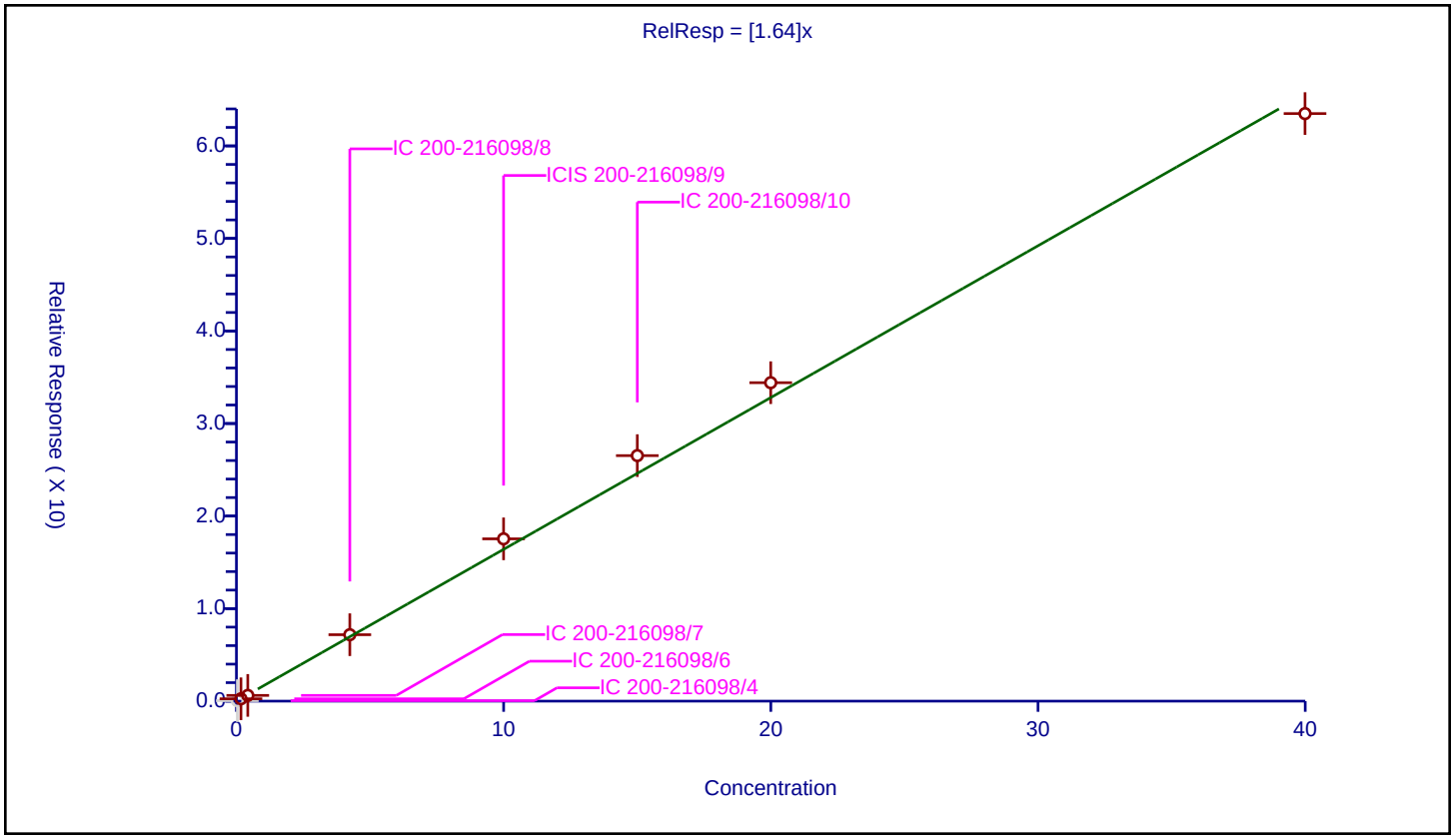
Curve Coefficients

Intercept:	0
Slope:	1.64

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.051676	10.0	1437411.0	1.473225	N
2	IC 200-216098/6	0.170374	0.255688	10.0	1391655.0	1.50075	Y
3	IC 200-216098/7	0.425385	0.620617	10.0	1361306.0	1.458955	Y
4	IC 200-216098/8	4.243678	7.178325	10.0	1416382.0	1.691534	Y
5	ICIS 200-216098/9	9.99806	17.536577	10.0	1443390.0	1.753998	Y
6	IC 200-216098/10	15.003557	26.531874	10.0	1500274.0	1.768372	Y
7	IC 200-216098/13	19.99612	34.412301	10.0	1495646.0	1.720949	Y
8	IC 200-216098/14	39.99224	63.492542	10.0	1560966.0	1.587622	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

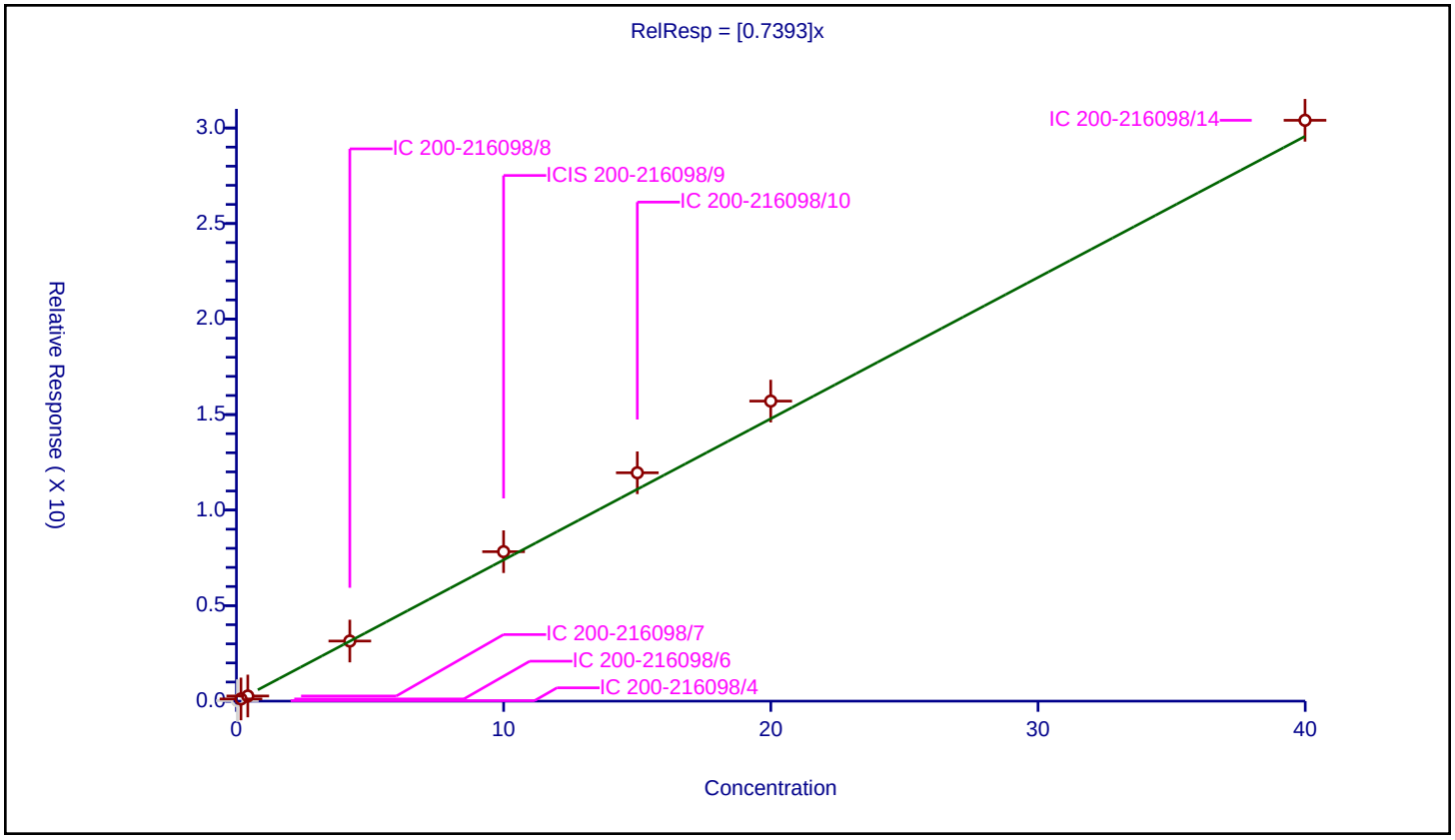
Curve Coefficients

Intercept:	0
Slope:	0.7393

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.025755	10.0	1437411.0	0.734233	N
2	IC 200-216098/6	0.170374	0.115057	10.0	1391655.0	0.675323	Y
3	IC 200-216098/7	0.425385	0.269418	10.0	1361306.0	0.633351	Y
4	IC 200-216098/8	4.243678	3.145712	10.0	1416382.0	0.74127	Y
5	ICIS 200-216098/9	9.99806	7.82309	10.0	1443390.0	0.782461	Y
6	IC 200-216098/10	15.003557	11.95363	10.0	1500274.0	0.79672	Y
7	IC 200-216098/13	19.99612	15.705856	10.0	1495646.0	0.785445	Y
8	IC 200-216098/14	39.99224	30.403212	10.0	1560966.0	0.760228	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

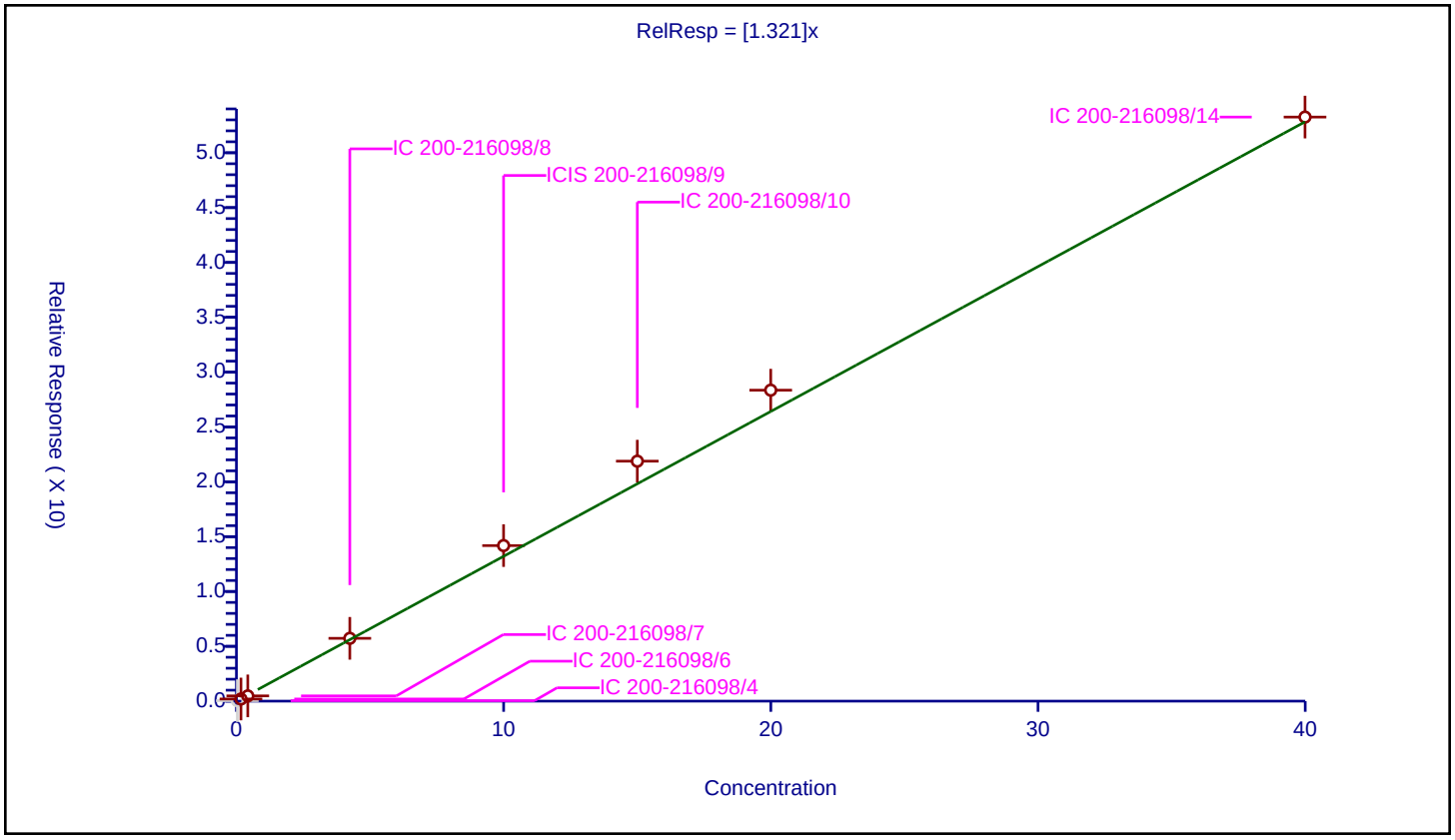
Curve Coefficients

Intercept:	0
Slope:	1.321

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.043502	10.0	1437411.0	1.240183	N
2	IC 200-216098/6	0.170374	0.194438	10.0	1391655.0	1.141242	Y
3	IC 200-216098/7	0.425385	0.479708	10.0	1361306.0	1.127705	Y
4	IC 200-216098/8	4.243678	5.728158	10.0	1416382.0	1.34981	Y
5	ICIS 200-216098/9	9.99806	14.18266	10.0	1443390.0	1.418541	Y
6	IC 200-216098/10	15.003557	21.881243	10.0	1500274.0	1.458404	Y
7	IC 200-216098/13	19.99612	28.352852	10.0	1495646.0	1.417918	Y
8	IC 200-216098/14	39.99224	53.254972	10.0	1560966.0	1.331633	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

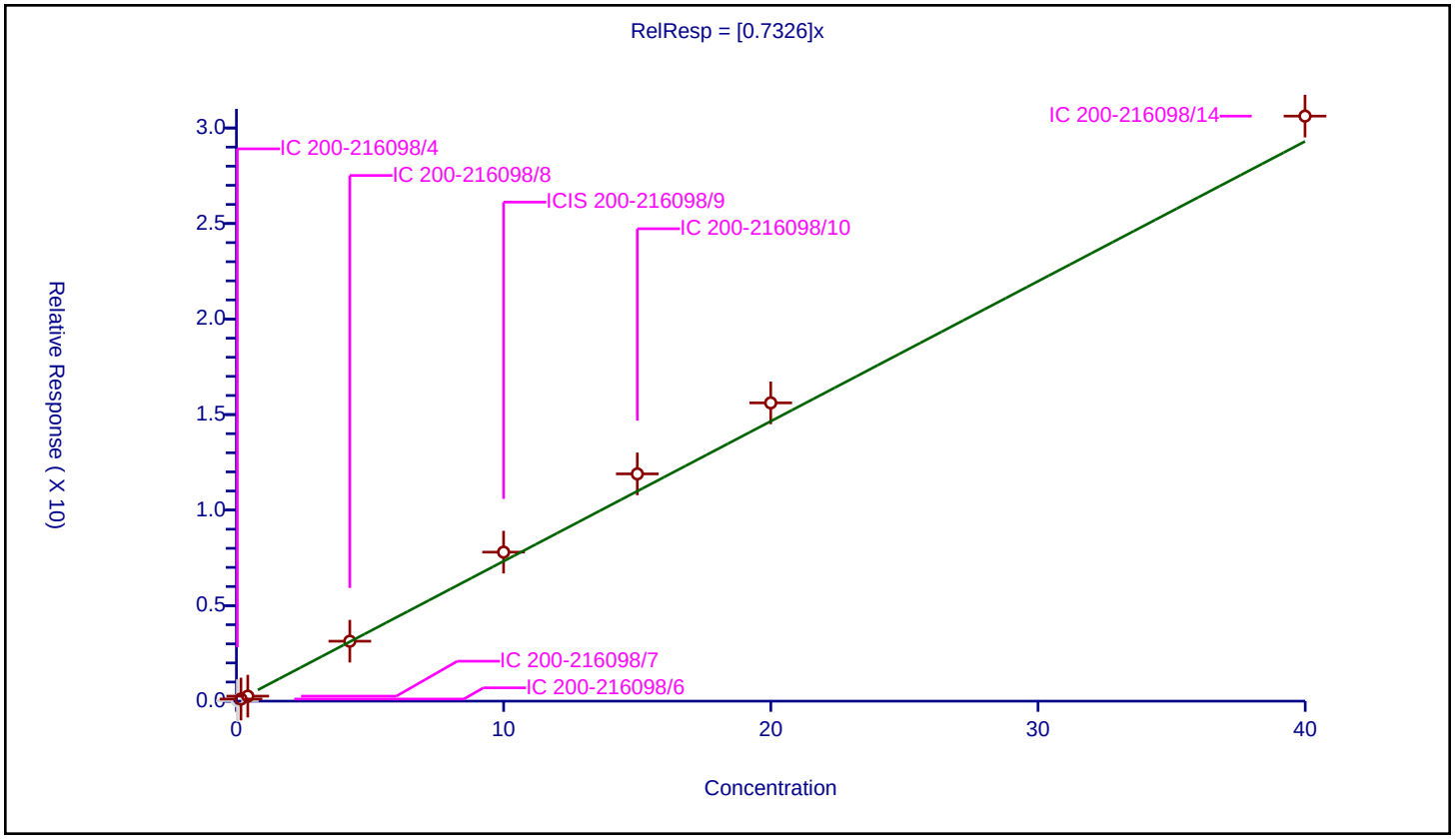
Curve Coefficients

Intercept:	0
Slope:	0.7326

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.025949	10.0	1437411.0	0.739786	N
2	IC 200-216098/6	0.170374	0.111048	10.0	1391655.0	0.651789	Y
3	IC 200-216098/7	0.425385	0.262718	10.0	1361306.0	0.617602	Y
4	IC 200-216098/8	4.243678	3.136844	10.0	1416382.0	0.739181	Y
5	ICIS 200-216098/9	9.99806	7.799888	10.0	1443390.0	0.78014	Y
6	IC 200-216098/10	15.003557	11.895067	10.0	1500274.0	0.792816	Y
7	IC 200-216098/13	19.99612	15.612458	10.0	1495646.0	0.780774	Y
8	IC 200-216098/14	39.99224	30.621942	10.0	1560966.0	0.765697	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

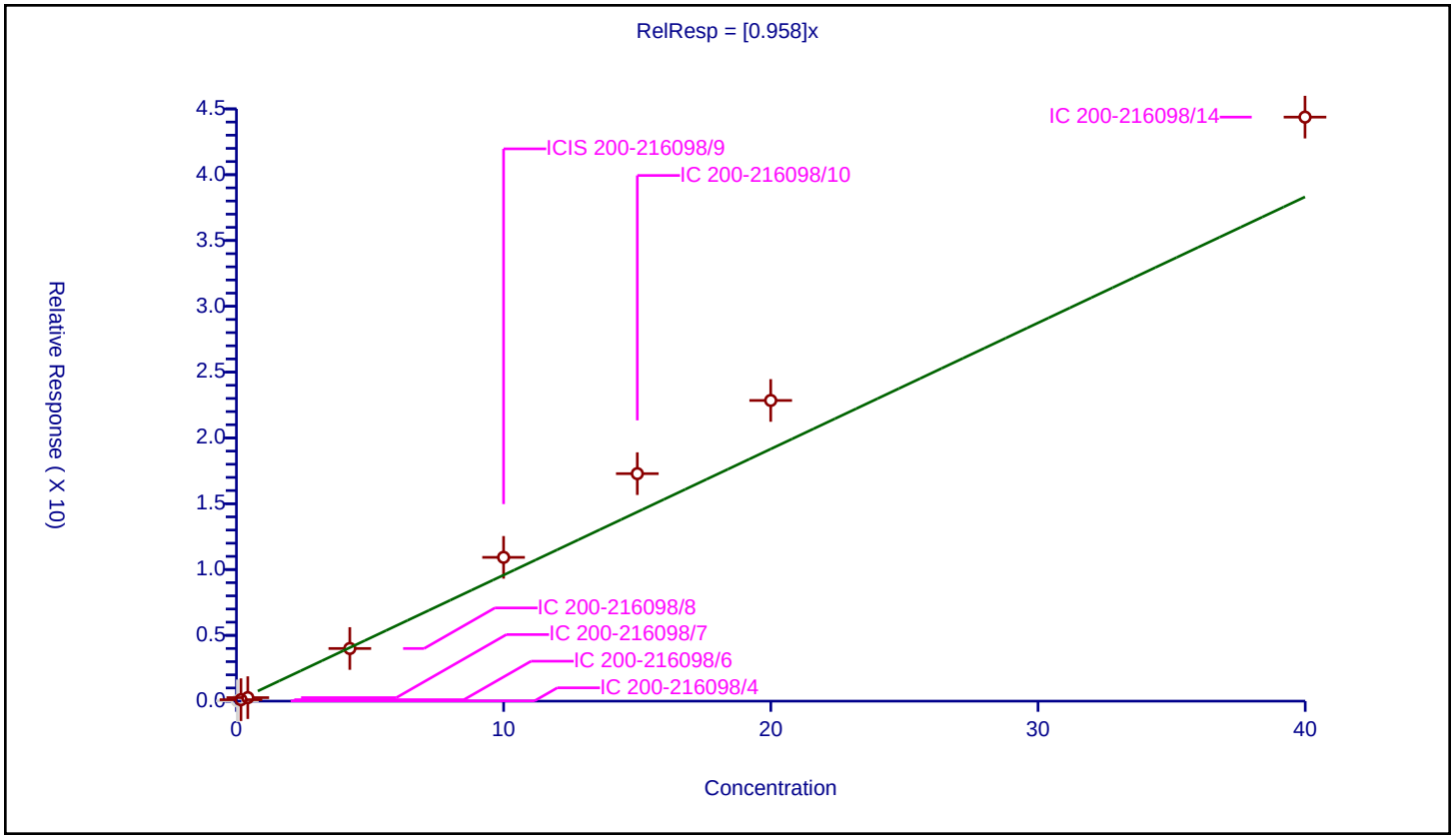
Curve Coefficients

Intercept:	0
Slope:	0.958

Error Coefficients

Relative Standard Deviation:	24.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.021469	10.0	1437411.0	0.612059	N
2	IC 200-216098/6	0.170374	0.109546	10.0	1391655.0	0.642974	Y
3	IC 200-216098/7	0.425385	0.265333	10.0	1361306.0	0.623749	Y
4	IC 200-216098/8	4.243678	3.999182	10.0	1416382.0	0.942386	Y
5	ICIS 200-216098/9	9.99806	10.925689	10.0	1443390.0	1.092781	Y
6	IC 200-216098/10	15.003557	17.286416	10.0	1500274.0	1.152155	Y
7	IC 200-216098/13	19.99612	22.847372	10.0	1495646.0	1.14259	Y
8	IC 200-216098/14	39.99224	44.374945	10.0	1560966.0	1.109589	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

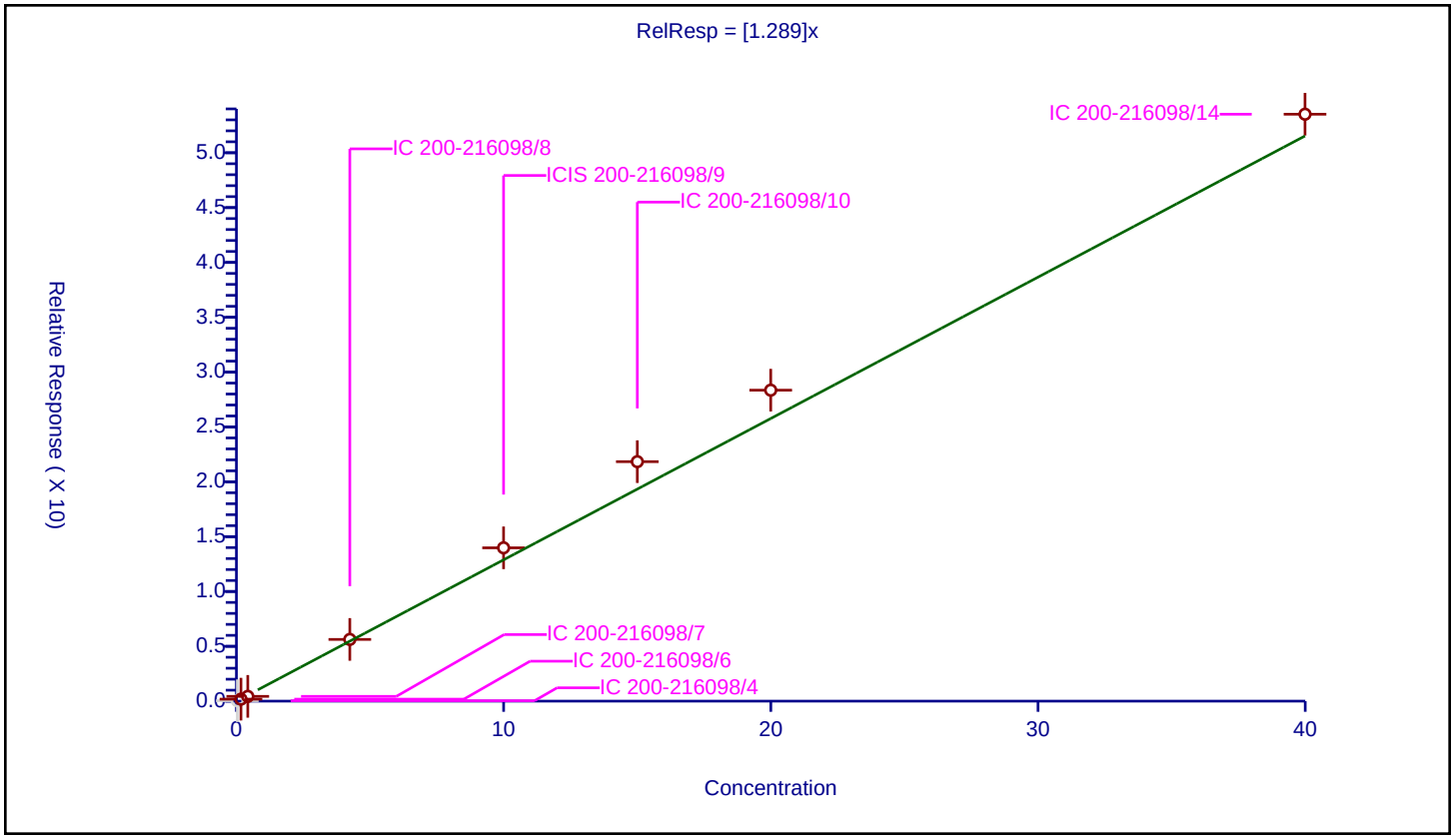
Curve Coefficients

Intercept:	0
Slope:	1.289

Error Coefficients

Relative Standard Deviation:	13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.038681	10.0	1437411.0	1.102737	N
2	IC 200-216098/6	0.170374	0.18067	10.0	1391655.0	1.060432	Y
3	IC 200-216098/7	0.425385	0.435405	10.0	1361306.0	1.023557	Y
4	IC 200-216098/8	4.243678	5.629018	10.0	1416382.0	1.326448	Y
5	ICIS 200-216098/9	9.99806	13.980082	10.0	1443390.0	1.398279	Y
6	IC 200-216098/10	15.003557	21.835338	10.0	1500274.0	1.455344	Y
7	IC 200-216098/13	19.99612	28.35312	10.0	1495646.0	1.417931	Y
8	IC 200-216098/14	39.99224	53.514324	10.0	1560966.0	1.338118	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

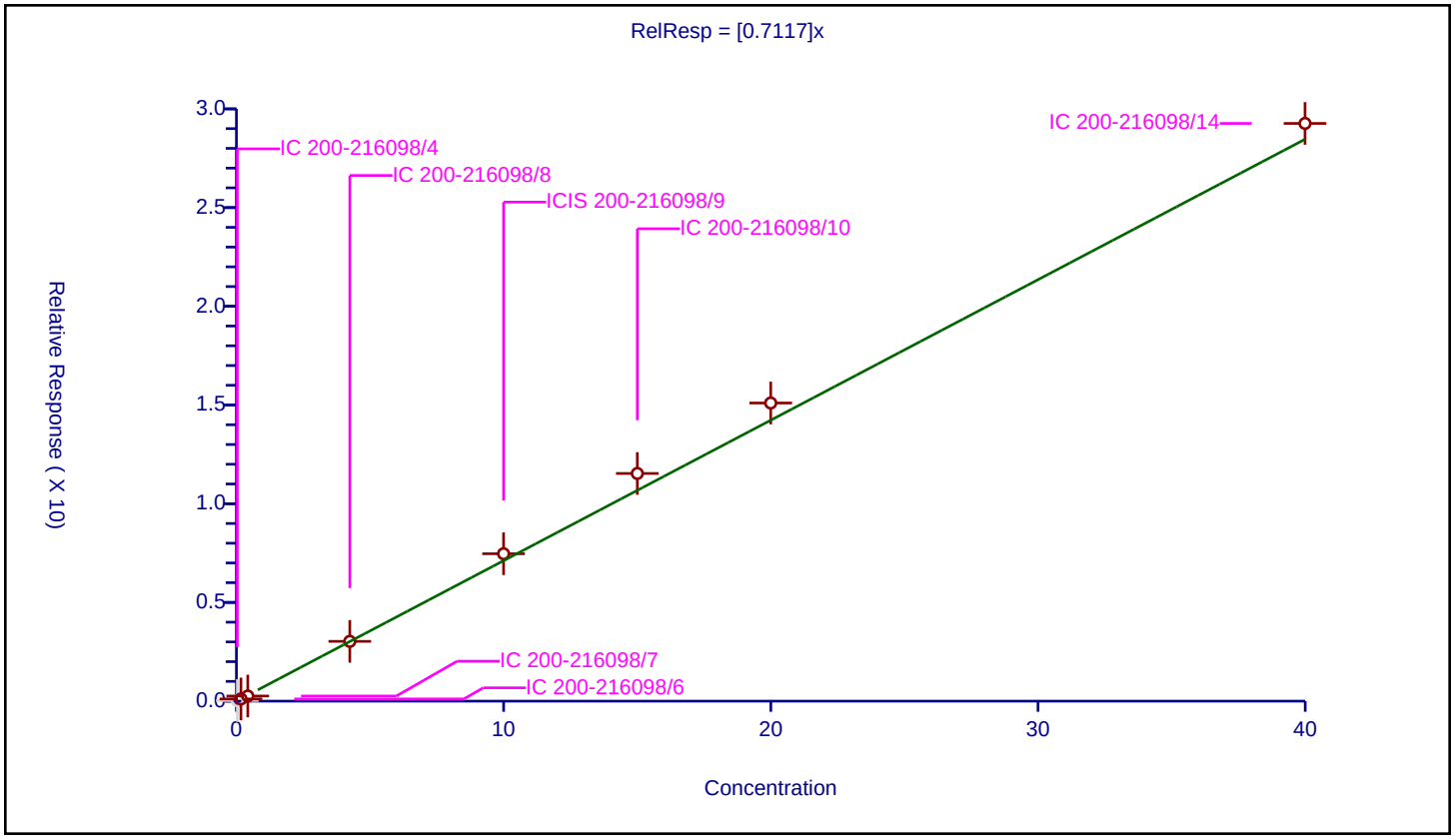
Curve Coefficients

Intercept:	0
Slope:	0.7117

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.030513	10.0	1437411.0	0.869893	N
2	IC 200-216098/6	0.170374	0.111795	10.0	1391655.0	0.656175	Y
3	IC 200-216098/7	0.425385	0.25917	10.0	1361306.0	0.609261	Y
4	IC 200-216098/8	4.243678	3.028766	10.0	1416382.0	0.713712	Y
5	ICIS 200-216098/9	9.99806	7.467296	10.0	1443390.0	0.746874	Y
6	IC 200-216098/10	15.003557	11.532387	10.0	1500274.0	0.768644	Y
7	IC 200-216098/13	19.99612	15.101327	10.0	1495646.0	0.755213	Y
8	IC 200-216098/14	39.99224	29.262969	10.0	1560966.0	0.731716	Y



Calibration / Undecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

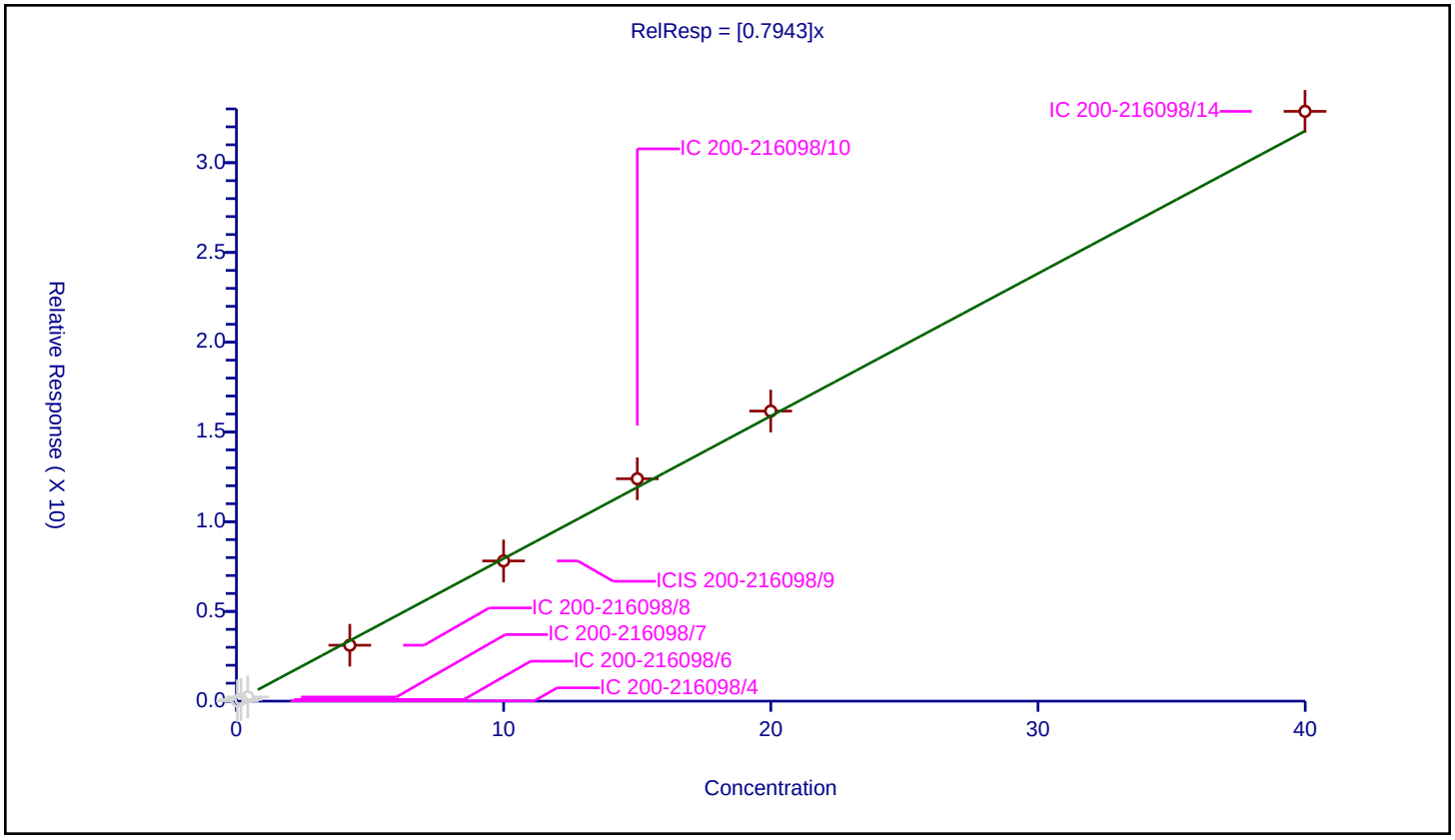
Curve Coefficients

Intercept:	0
Slope:	0.7943

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.019813	10.0	1437411.0	0.564855	N
2	IC 200-216098/6	0.170374	0.090705	10.0	1391655.0	0.532388	N
3	IC 200-216098/7	0.425385	0.228942	10.0	1361306.0	0.5382	N
4	IC 200-216098/8	4.243678	3.115876	10.0	1416382.0	0.734239	Y
5	ICIS 200-216098/9	9.99806	7.810869	10.0	1443390.0	0.781238	Y
6	IC 200-216098/10	15.003557	12.39047	10.0	1500274.0	0.825836	Y
7	IC 200-216098/13	19.99612	16.163504	10.0	1495646.0	0.808332	Y
8	IC 200-216098/14	39.99224	32.864066	10.0	1560966.0	0.821761	Y



Calibration / Dodecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

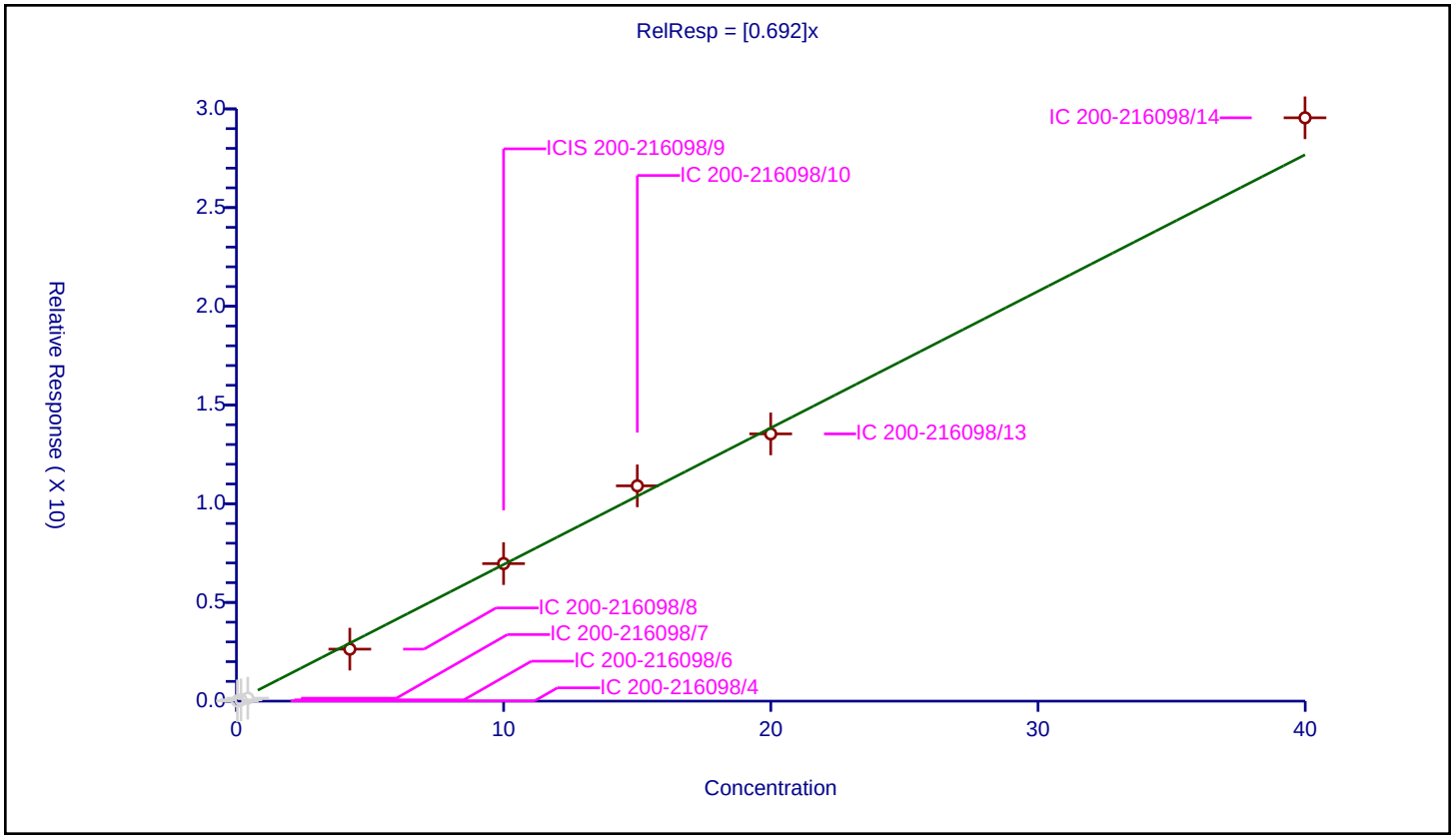
Curve Coefficients

Intercept:	0
Slope:	0.692

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.035077	0.010985	10.0	1437411.0	0.313169	N
2	IC 200-216098/6	0.170374	0.064075	10.0	1391655.0	0.376084	N
3	IC 200-216098/7	0.425385	0.149386	10.0	1361306.0	0.351178	N
4	IC 200-216098/8	4.243678	2.634162	10.0	1416382.0	0.620726	Y
5	ICIS 200-216098/9	9.99806	6.965865	10.0	1443390.0	0.696722	Y
6	IC 200-216098/10	15.003557	10.905188	10.0	1500274.0	0.72684	Y
7	IC 200-216098/13	19.99612	13.538197	10.0	1495646.0	0.677041	Y
8	IC 200-216098/14	39.99224	29.548703	10.0	1560966.0	0.738861	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

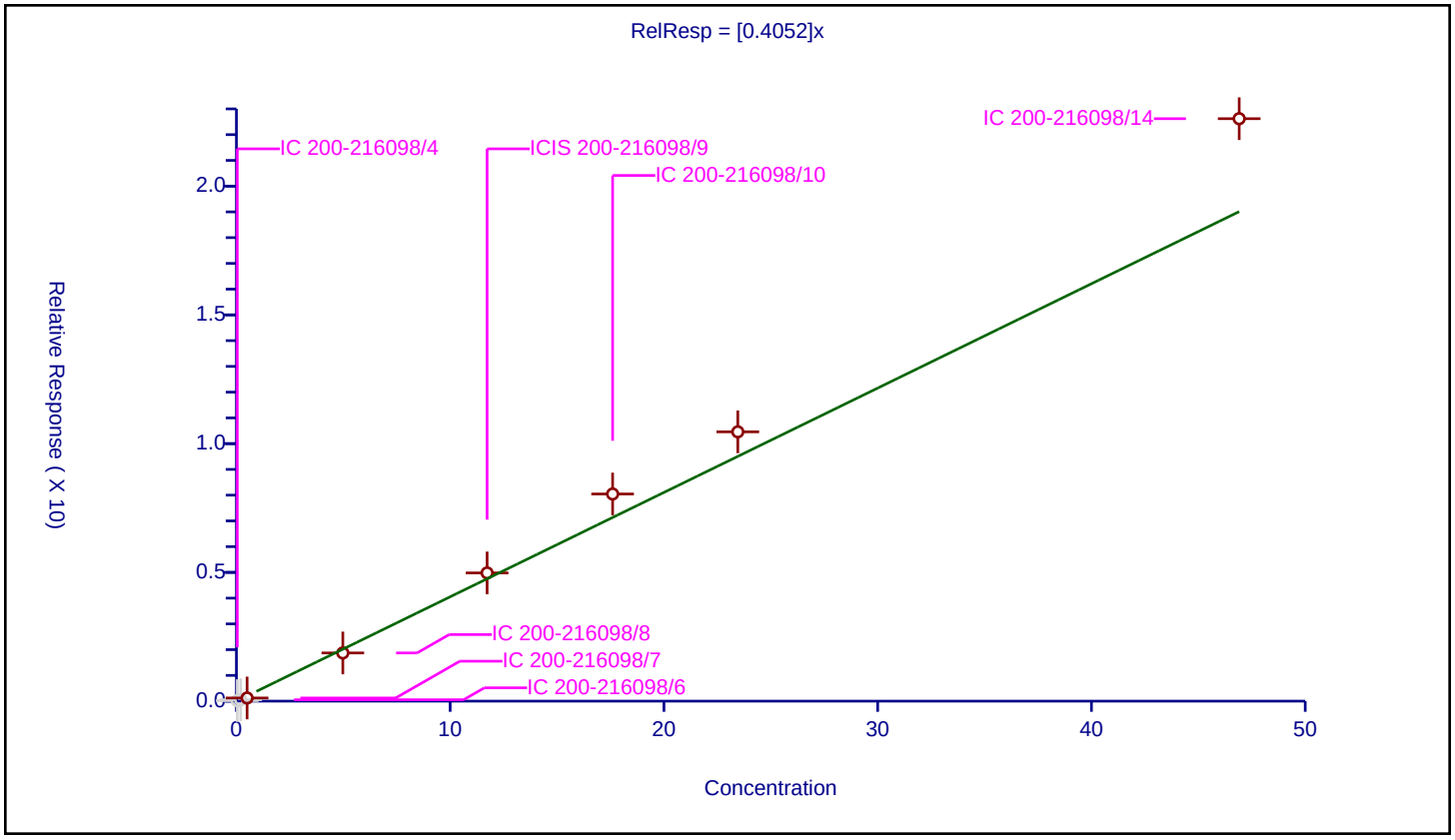
Curve Coefficients

Intercept:	0
Slope:	0.4052

Error Coefficients

Relative Standard Deviation:	21.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.041145	0.019069	10.0	1437411.0	0.463456	N
2	IC 200-216098/6	0.199848	0.053986	10.0	1391655.0	0.270135	N
3	IC 200-216098/7	0.498976	0.122588	10.0	1361306.0	0.245679	Y
4	IC 200-216098/8	4.977835	1.871748	10.0	1416382.0	0.376016	Y
5	ICIS 200-216098/9	11.727724	4.979368	10.0	1443390.0	0.424581	Y
6	IC 200-216098/10	17.599172	8.044377	10.0	1500274.0	0.457088	Y
7	IC 200-216098/13	23.455448	10.458484	10.0	1495646.0	0.445887	Y
8	IC 200-216098/14	46.910897	22.619794	10.0	1560966.0	0.482186	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

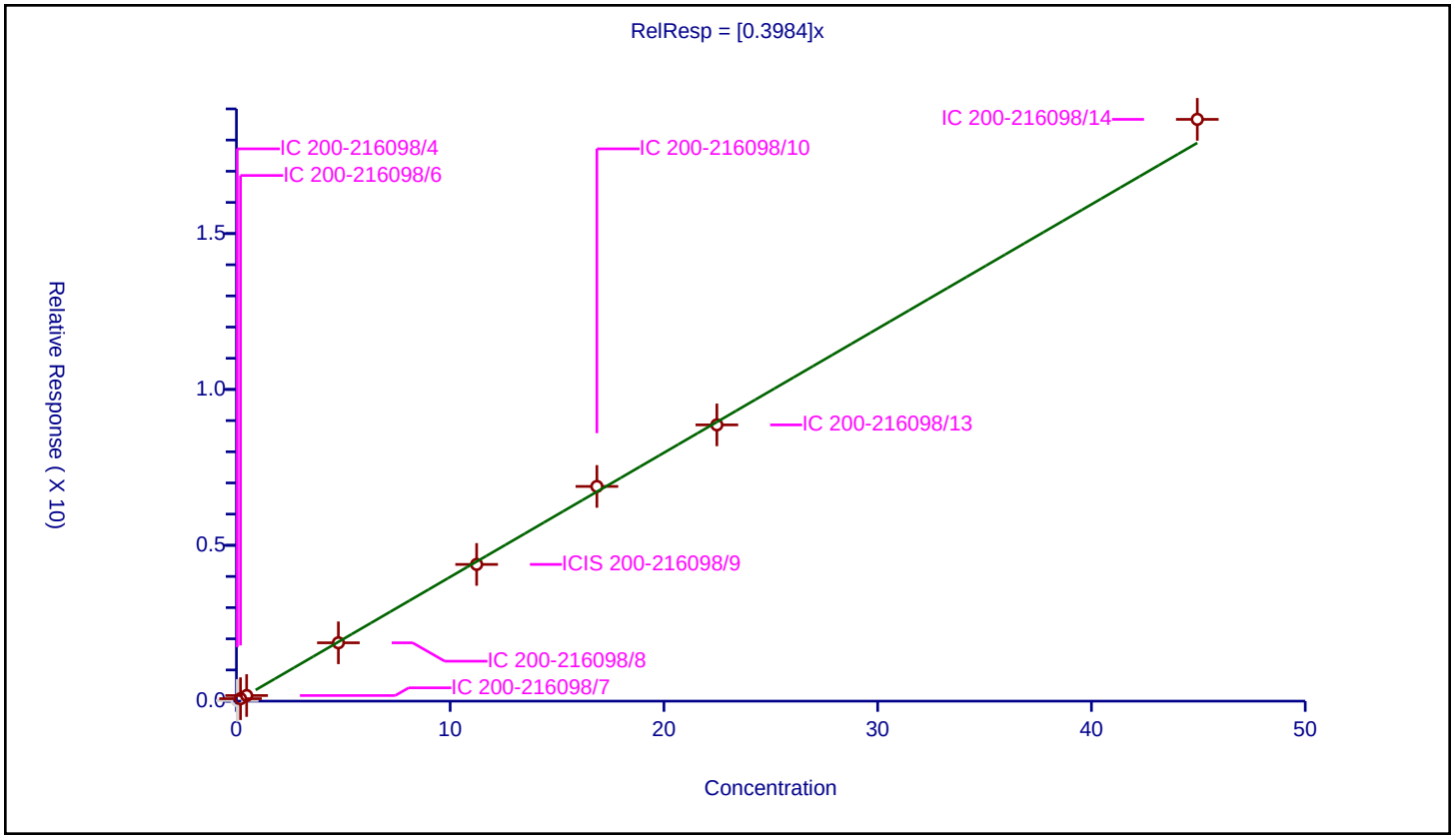
Curve Coefficients

Intercept:	0
Slope:	0.3984

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.039426	0.019591	10.0	1437411.0	0.496894	N
2	IC 200-216098/6	0.1915	0.078856	10.0	1391655.0	0.411779	Y
3	IC 200-216098/7	0.478132	0.179967	10.0	1361306.0	0.376396	Y
4	IC 200-216098/8	4.769895	1.871713	10.0	1416382.0	0.392401	Y
5	ICIS 200-216098/9	11.237819	4.386666	10.0	1443390.0	0.390349	Y
6	IC 200-216098/10	16.863998	6.888042	10.0	1500274.0	0.408447	Y
7	IC 200-216098/13	22.475639	8.862532	10.0	1495646.0	0.394317	Y
8	IC 200-216098/14	44.951277	18.664314	10.0	1560966.0	0.415212	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

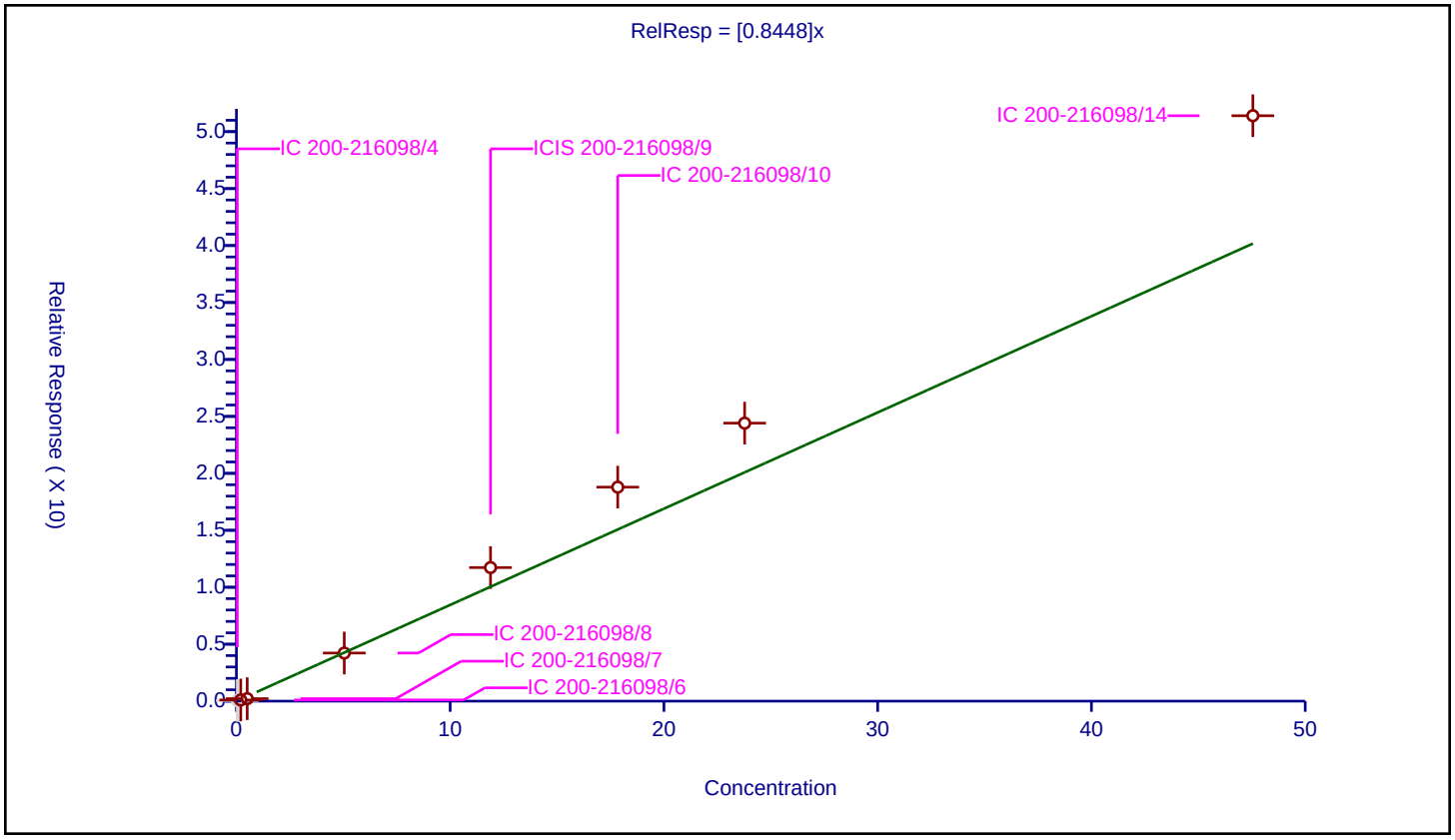
Curve Coefficients

Intercept:	0
Slope:	0.8448

Error Coefficients

Relative Standard Deviation:	32.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.041706	0.051628	10.0	1437411.0	1.237878	N
2	IC 200-216098/6	0.202574	0.100707	10.0	1391655.0	0.497138	Y
3	IC 200-216098/7	0.505782	0.218474	10.0	1361306.0	0.431953	Y
4	IC 200-216098/8	5.045734	4.225407	10.0	1416382.0	0.837422	Y
5	ICIS 200-216098/9	11.887693	11.727995	10.0	1443390.0	0.986566	Y
6	IC 200-216098/10	17.839229	18.787735	10.0	1500274.0	1.05317	Y
7	IC 200-216098/13	23.775386	24.407908	10.0	1495646.0	1.026604	Y
8	IC 200-216098/14	47.550773	51.399768	10.0	1560966.0	1.080945	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

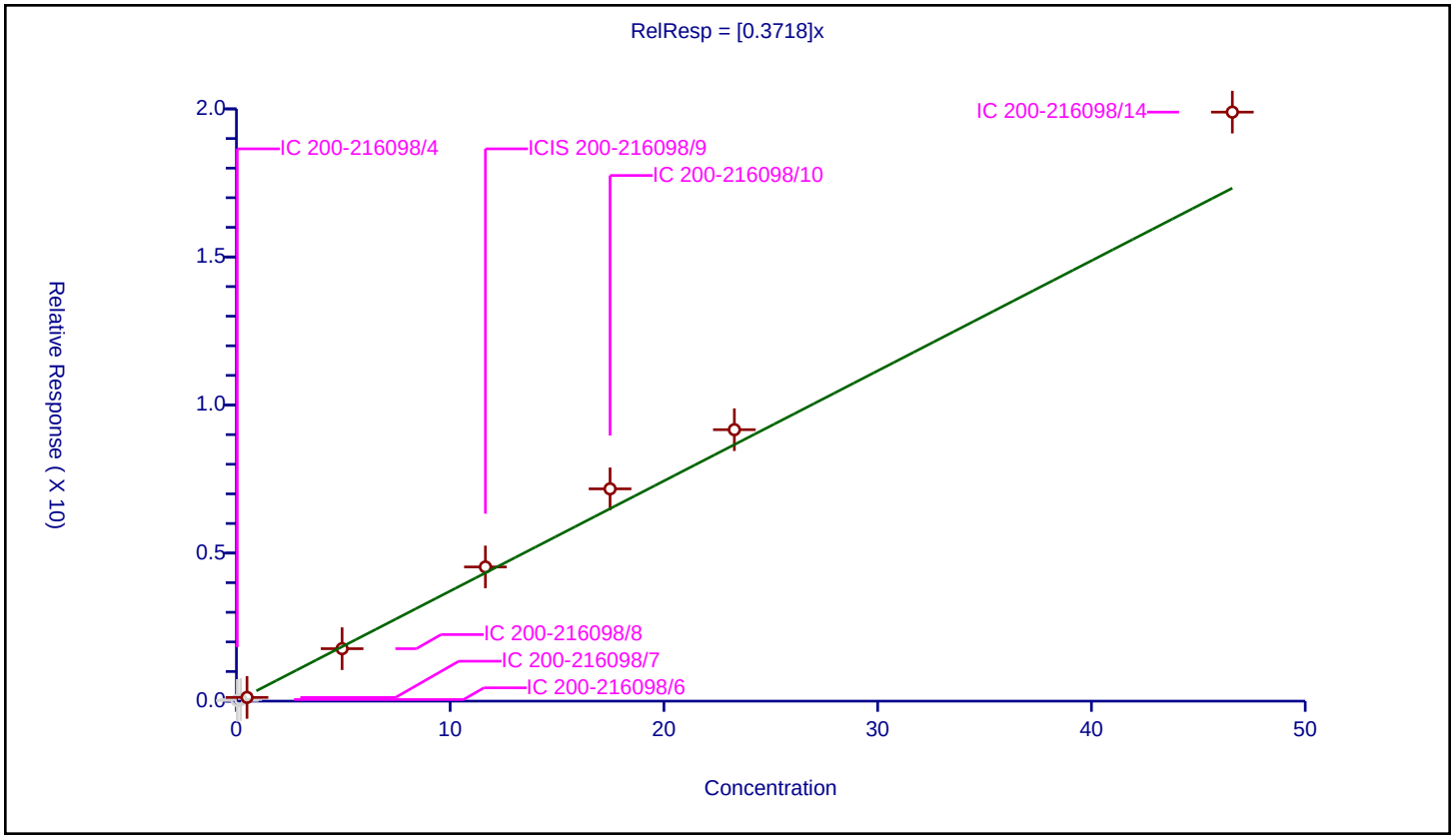
Curve Coefficients

Intercept:	0
Slope:	0.3718

Error Coefficients

Relative Standard Deviation:	16.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-216098/4	0.040865	0.022902	10.0	1437411.0	0.560443	N
2	IC 200-216098/6	0.198485	0.054834	10.0	1391655.0	0.276262	N
3	IC 200-216098/7	0.495573	0.125387	10.0	1361306.0	0.253014	Y
4	IC 200-216098/8	4.943885	1.771768	10.0	1416382.0	0.358376	Y
5	ICIS 200-216098/9	11.64774	4.531769	10.0	1443390.0	0.389069	Y
6	IC 200-216098/10	17.479144	7.168451	10.0	1500274.0	0.410115	Y
7	IC 200-216098/13	23.29548	9.167196	10.0	1495646.0	0.393518	Y
8	IC 200-216098/14	46.590959	19.891484	10.0	1560966.0	0.426939	Y



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

Lab Name: Eurofins Burlington Job No.: 200-78438-1 Analy Batch No.: 217752

SDG No.:

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

Calibration Start Date: 06/23/2025 16:41 Calibration End Date: 06/24/2025 02:26 Calibration ID: 55463

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-217752/4	65696-04.d
Level 2	IC 200-217752/6	65696-06.d
Level 3	IC 200-217752/11	65696-11.d
Level 4	IC 200-217752/8	65696-08.d
Level 5	ICIS 200-217752/10	65696-10.d
Level 6	IC 200-217752/12	65696-12.d
Level 7	IC 200-217752/14	65696-14.d
Level 8	IC 200-217752/15	65696-15.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.8115	+++++ 0.8337	+++++ 0.7362	0.9188	0.7869	Ave		0.8174				8.2		30.0			
Dichlorodifluoromethane	+++++ 2.7357	+++++ 2.8115	2.9041 2.3773	3.0283	2.7520	Ave		2.7682				7.9		30.0			
Chlorodifluoromethane	+++++ 1.5714	+++++ 1.6025	1.6731 1.3935	1.8112	1.5673	Ave		1.6032				8.6		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 2.9457	3.6744 3.0494	3.1520 2.6035	3.4197	2.9667	Ave		3.1159				11.1		30.0			
Chloromethane	+++++ 0.9461	+++++ 0.9717	1.0074 0.8512	1.0973	0.9459	Ave		0.9699				8.4		30.0			
Vinyl chloride	1.3425 0.8229	1.0494 0.8419	0.9755 0.7394	1.0109	0.8060	Ave		0.9486				20.4		30.0			
n-Butane	+++++ 1.0945	+++++ 1.1304	1.3640 0.9997	1.3715	1.0759	Ave		1.1727				13.4		30.0			
1,3-Butadiene	0.9673 0.5809	0.7365 0.5949	0.7090 0.5265	0.6746	0.5804	Ave		0.6713				20.8		30.0			
Bromomethane	+++++ 1.1397	1.2836 1.1741	1.2017 1.0080	1.3087	1.1465	Ave		1.1803				8.5		30.0			
Chloroethane	+++++ 0.6436	+++++ 0.6580	0.6763 0.5706	0.7324	0.6445	Ave		0.6542				8.0		30.0			
Isopentane	+++++ 1.2180	1.3674 1.2586	1.1827 1.0921	1.3290	1.1972	Ave		1.2350				7.5		30.0			
Bromoethene(Vinyl Bromide)	+++++ 1.1300	1.2469 1.1731	1.0795 1.0185	1.2492	1.1228	Ave		1.1457				7.4		30.0			
Trichlorofluoromethane	+++++ 2.7496	3.2362 2.8246	2.8010 2.4124	3.1624	2.7520	Ave		2.8483				9.7		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.: 200-78438-1 Analy Batch No.: 217752

SDG No.:

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

Calibration Start Date: 06/23/2025 16:41 Calibration End Date: 06/24/2025 02:26 Calibration ID: 55463

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	+++++ 1.8550	+++++ 1.9288	1.6442 1.6832	2.0033	1.8362	Ave		1.8251				7.6		30.0			
Ethanol	+++++ 0.5104	+++++ 0.5387	0.4811 0.4685	0.5184	0.5021	Ave		0.5032				5.1		30.0			
Ethyl ether	+++++ 0.8083	0.6654 0.8489	0.6714 0.7379	0.8612	0.7907	Ave		0.7691				10.4		30.0			
Acrolein	+++++ 0.4176	+++++ 0.4137	+++++ 0.3850	0.4179	0.3888	Ave		0.4046				4.0		30.0			
1,1-Dichloroethene	1.4301 1.2316	1.3448 1.2778	1.1770 1.0949	1.3645	1.2214	Ave		1.2678				8.6		30.0			
1,1,2-Trichlorotrifluoroethane	+++++ 2.5815	3.0020 2.6458	2.6777 2.2517	2.9551	2.5939	Ave		2.6725				9.4		30.0			
Acetone	+++++ 1.5026	+++++ 1.4980	+++++ 1.3030	1.6328	1.4674	Ave		1.4808				8.0		30.0			
Isopropyl alcohol	+++++ 1.7107	+++++ 1.5435	+++++ 1.3776	1.5371	1.5636	Ave		1.5465				7.6		30.0			
Carbon disulfide	+++++ 3.5804	+++++ 3.6970	3.5076 3.1641	4.0196	3.5847	Ave		3.5922				7.7		30.0			
Acetonitrile	+++++ 0.8173	+++++ 0.8576	+++++ 0.7446	0.8859	0.8292	Ave		0.8269				6.4		30.0			
3-Chloropropene	+++++ 1.3070	1.5055 1.3561	1.1879 1.2013	1.3906	1.1084	Ave		1.2938				10.6		30.0			
Methylene Chloride	+++++ 1.2678	+++++ 1.3037	1.4786 1.1232	1.4511	1.2693	Ave		1.3156				10.0		30.0			
tert-Butyl alcohol	+++++ 2.0853	+++++ 2.1775	+++++ 1.9485	2.2088	2.1456	Ave		2.1131				4.9		30.0			
Acrylonitrile	+++++ 0.8323	+++++ 0.8794	0.4451 0.7661	0.8108	0.8124	Ave		0.7577				20.8		30.0			
trans-1,2-Dichloroethene	1.7565 1.6857	1.7361 1.7438	1.4957 1.4958	1.8688	1.6756	Ave		1.6822				7.7		30.0			
Methyl tert-butyl ether	+++++ 3.2871	2.7029 3.4383	2.4951 3.0223	3.5055	3.2150	Ave		3.0951				12.2		30.0			
n-Hexane	+++++ 1.8954	1.5585 1.9882	1.4050 1.7280	1.9851	1.8409	Ave		1.7716				12.5		30.0			
1,1-Dichloroethane	2.4999 2.1914	2.4250 2.2509	2.1363 1.9270	2.4675	2.1797	Ave		2.2597				8.6		30.0			

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

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1 Analy Batch No.: 217752

SDG No.:

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

Calibration Start Date: 06/23/2025 16:41 Calibration End Date: 06/24/2025 02:26 Calibration ID: 55463

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Vinyl acetate	+++++ 2.0500	+++++ 2.1919	+++++ 2.0193	1.8413	1.6910	Ave		1.9587				9.9		30.0			
Methyl Ethyl Ketone (2-Butanone)	+++++ 0.6309	+++++ 0.6702	0.4374 0.5899	0.6669	0.6241	Ave		0.6032				14.3		30.0			
cis-1,2-Dichloroethene	1.3962 1.4075	1.4170 1.4611	1.2460 1.2531	1.5463	1.4039	Ave		1.3914				7.2		30.0			
Ethyl acetate	+++++ 0.1237	+++++ 0.1293	+++++ 0.1131	0.1294	0.1176	Ave		0.1226				5.9		30.0			
Tetrahydrofuran	+++++ 0.2487	+++++ 0.2575	0.2063 0.2272	0.2648	0.2476	Ave		0.2420				8.9		30.0			
Chloroform	+++++ 2.4810	2.8025 2.5500	2.4719 2.1943	2.8145	2.4816	Ave		2.5423				8.4		30.0			
1,1,1-Trichloroethane	+++++ 0.4786	0.5751 0.4961	0.4880 0.4301	0.5466	0.4873	Ave		0.5003				9.5		30.0			
Cyclohexane	+++++ 0.3552	0.3022 0.3697	0.2585 0.3244	0.3726	0.3503	Ave		0.3333				12.4		30.0			
Carbon tetrachloride	0.5031 0.5118	0.5403 0.5318	0.4588 0.4622	0.5827	0.5199	Ave		0.5138				7.9		30.0			
Benzene	+++++ 0.7875	0.8783 0.8148	0.7266 0.7099	0.8801	0.7882	Ave		0.7979				8.3		30.0			
1,2-Dichloroethane	+++++ 0.2858	0.3042 0.2970	0.2743 0.2587	0.3275	0.2886	Ave		0.2909				7.6		30.0			
2,2,4-Trimethylpentane	+++++ 1.2267	1.0035 1.2806	0.8951 1.1159	1.3177	1.2281	Ave		1.1525				13.5		30.0			
n-Heptane	+++++ 0.4114	0.3181 0.4305	0.2925 0.3758	0.4401	0.4084	Ave		0.3824				14.9		30.0			
n-Butanol	+++++ 0.1738	+++++ 0.1799	+++++ 0.1674	0.1673	0.1836	Ave		0.1744				4.2		30.0			
Trichloroethene	0.4881 0.3509	0.3688 0.3632	0.3533 0.3154	0.3946	0.3601	Ave		0.3743				13.6		30.0			
1,2-Dichloropropane	+++++ 0.2916	0.3280 0.3017	0.2733 0.2599	0.3306	0.2963	Ave		0.2973				8.8		30.0			
Methyl methacrylate	+++++ 0.2913	+++++ 0.3026	0.1717 0.2707	0.2966	0.2877	Ave		0.2701				18.3		30.0			
1,4-Dioxane	+++++ 0.1578	0.1084 0.1619	0.1639 0.1393	0.1810	0.1806	Ave		0.1561				16.3		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.: 200-78438-1 Analy Batch No.: 217752

SDG No.:

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

Calibration Start Date: 06/23/2025 16:41 Calibration End Date: 06/24/2025 02:26 Calibration ID: 55463

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	+++++ 0.3588	0.4138 0.3723	0.3529 0.3211	0.4144	0.3699	Ave		0.3719				9.0		30.0			
Bromodichloromethane	+++++ 0.5268	0.5741 0.5491	0.4914 0.4763	0.5891	0.5281	Ave		0.5336				7.7		30.0			
cis-1,3-Dichloropropene	+++++ 0.4747	0.4089 0.5024	0.3464 0.4481	0.4919	0.4655	Ave		0.4483				12.1		30.0			
4-Methyl-2-pentanone (Methyl isobutyl ketone)	+++++ 0.5047	+++++ 0.5279	0.3175 0.4710	0.5184	0.5005	Ave		0.4733				16.6		30.0			
Toluene	+++++ 0.6432	0.5350 0.6734	0.4810 0.5807	0.6700	0.6398	Ave		0.6033				12.2		30.0			
n-Octane	+++++ 0.5871	0.3941 0.6136	0.3642 0.5355	0.6379	0.5877	Ave		0.5314				20.5		30.0			
trans-1,3-Dichloropropene	+++++ 0.3845	0.2945 0.4029	0.2883 0.3604	0.4111	0.3805	Ave		0.3603				13.8		30.0			
1,1,2-Trichloroethane	+++++ 0.3098	0.3277 0.3225	0.3083 0.2776	0.3374	0.3128	Ave		0.3137				6.1		30.0			
Tetrachloroethene	0.5955 0.5639	0.6035 0.5892	0.5420 0.5027	0.6150	0.5690	Ave		0.5726				6.4		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.5431	+++++ 0.5692	0.2685 0.5064	0.5123	0.5359	Ave		0.4892				22.6		30.0			
Dibromochloromethane	+++++ 0.6606	0.6210 0.6896	0.6132 0.5949	0.6917	0.6435	Ave		0.6449				5.8		30.0			
1,2-Dibromoethane	+++++ 0.5797	0.5256 0.6047	0.5049 0.5249	0.6153	0.5807	Ave		0.5623				7.7		30.0			
Chlorobenzene	+++++ 0.9030	0.9830 0.9390	0.9274 0.8032	0.9911	0.9109	Ave		0.9225				6.8		30.0			
Ethylbenzene	+++++ 1.4334	1.2124 1.4897	1.1458 1.2799	1.4922	1.4315	Ave		1.3550				10.4		30.0			
m,p-Xylene	+++++ 0.5743	0.4495 0.5942	0.4359 0.5040	0.6110	0.5784	Ave		0.5353				13.4		30.0			
n-Nonane	+++++ 0.7010	0.4688 0.7235	0.4895 0.6151	0.7548	0.7118	Ave		0.6378				18.3		30.0			
o-Xylene	+++++ 0.5410	0.3831 0.5648	0.3818 0.4844	0.5505	0.5429	Ave		0.4927				16.1		30.0			
Styrene	+++++ 0.9259	0.5494 0.9639	0.5972 0.8214	0.9688	0.9348	Ave		0.8231				21.6		30.0			

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

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1 Analy Batch No.: 217752

SDG No.:

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

Calibration Start Date: 06/23/2025 16:41 Calibration End Date: 06/24/2025 02:26 Calibration ID: 55463

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	+++++ 0.6934	0.6399 0.7259	0.6635 0.6310	0.6860	0.6414	Ave		0.6687				5.2		30.0			
Cumene	+++++ 1.6406	1.1117 1.7074	1.0856 1.4669	1.6845	1.6403	Ave		1.4767				18.3		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.8217	0.8924 0.8469	0.8945 0.7270	0.9063	0.8152	Ave		0.8434				7.5		30.0			
1,2,3-Trichloropropane	+++++ 0.6409	+++++ 0.6662	0.7499 0.5719	0.7051	0.6536	Ave		0.6646				9.1		30.0			
n-Propylbenzene	+++++ 1.9901	1.5815 2.0601	1.5332 1.7538	2.1039	2.0080	Ave		1.8615				12.7		30.0			
2-Chlorotoluene	+++++ 1.3642	1.2007 1.4069	1.1713 1.2043	1.4501	1.3739	Ave		1.3102				8.7		30.0			
4-Ethyltoluene	+++++ 1.6630	1.1664 1.7154	1.2306 1.4613	1.7855	1.6866	Ave		1.5298				16.2		30.0			
1,3,5-Trimethylbenzene	+++++ 1.3831	1.0701 1.4220	1.0720 1.2002	1.4858	1.4111	Ave		1.2920				13.5		30.0			
n-Decane	+++++ 0.9323	+++++ 0.9563	0.6230 0.7984	1.0163	0.9501	Ave		0.8794				16.5		30.0			
Alpha Methyl Styrene	+++++ 0.7541	0.4518 0.7908	0.4615 0.6832	0.7506	0.7555	Ave		0.6639				21.9		30.0			
tert-Butylbenzene	+++++ 1.3888	1.0320 1.4289	1.0341 1.2188	1.4725	1.3972	Ave		1.2817				14.6		30.0			
1,2,4-Trimethylbenzene	+++++ 1.4085	0.9611 1.4644	0.9657 1.2482	1.4890	1.4224	Ave		1.2799				17.9		30.0			
sec-Butylbenzene	+++++ 2.0945	1.5189 2.1691	1.4998 1.8358	2.2123	2.1241	Ave		1.9221				16.0		30.0			
1,3-Dichlorobenzene	+++++ 1.0217	0.9584 1.0481	0.9608 0.8849	1.1132	1.0458	Ave		1.0047				7.5		30.0			
4-Isopropyltoluene	+++++ 1.8327	1.1880 1.8912	1.1942 1.5894	1.9273	1.8583	Ave		1.6402				19.9		30.0			
1,4-Dichlorobenzene	+++++ 1.0282	0.9019 1.0576	0.9274 0.9040	1.1008	1.0460	Ave		0.9951				8.2		30.0			
Benzyl chloride	+++++ 1.2268	0.8885 1.2661	0.8637 1.1136	1.2580	1.2167	Ave		1.1191				15.5		30.0			
n-Butylbenzene	+++++ 1.6919	1.0568 1.7411	0.9418 1.4854	1.7381	1.7017	Ave		1.4796				23.0		30.0			

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

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1 Analy Batch No.: 217752

SDG No.:

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

Calibration Start Date: 06/23/2025 16:41 Calibration End Date: 06/24/2025 02:26 Calibration ID: 55463

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	+++++ 0.9823	0.8923 1.0109	0.9353 0.8567	1.0668	1.0043	Ave		0.9641				7.6		30.0			
n-Undecane	+++++ 1.0676	+++++ 1.1086	+++++ 0.9335	1.0959	1.0814	Ave		1.0574				6.7		30.0			
n-Dodecane	+++++ 1.0271	+++++ 1.0891	+++++ 0.9120	0.8978	1.0486	Ave		0.9949				8.6		30.0			
1,2,4-Trichlorobenzene	+++++ 0.7726	+++++ 0.8099	0.4385 0.7141	0.7168	0.7776	Ave		0.7049				19.3		30.0			
Hexachlorobutadiene	+++++ 0.7743	0.8087 0.8101	0.7603 0.6873	0.8298	0.7931	Ave		0.7805				6.1		30.0			
Naphthalene	+++++ 1.6520	0.8034 1.7087	0.7429 1.4959	1.3895	1.6335	Ave		1.3466				30.2	*	30.0			
1,2,3-Trichlorobenzene	+++++ 0.7425	+++++ 0.7795	0.5508 0.6712	0.6950	0.7539	Ave		0.6988				11.8		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-78438-1 | Analy Batch No.: 217752

SDG No.:

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

Calibration Start Date: 06/23/2025 16:41 | Calibration End Date: 06/24/2025 02:26 | Calibration ID: 55463

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-217752/4	65696-04.d
Level 2	IC 200-217752/6	65696-06.d
Level 3	IC 200-217752/11	65696-11.d
Level 4	IC 200-217752/8	65696-08.d
Level 5	ICIS 200-217752/10	65696-10.d
Level 6	IC 200-217752/12	65696-12.d
Level 7	IC 200-217752/14	65696-14.d
Level 8	IC 200-217752/15	65696-15.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	+++++ 333533	+++++ 454570	+++++ 767761	93755	216466	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 1124451	+++++ 1533035	32377 2479290	309016	757059	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Chlorodifluoromethane	BCM	Ave	+++++ 645904	+++++ 873793	18653 1453284	184825	431169	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1210765	16225 1662755	35141 2715132	348954	816136	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Chloromethane	BCM	Ave	+++++ 388856	+++++ 529849	11231 887677	111975	260202	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Vinyl chloride	BCM	Ave	1349 338214	4634 459045	10876 771127	103156	221731	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Butane	BCM	Ave	+++++ 449863	+++++ 616391	15207 1042592	139952	295965	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
1,3-Butadiene	BCM	Ave	972 238769	3252 324398	7904 549036	68840	159671	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Bromomethane	BCM	Ave	+++++ 468455	5668 640208	13397 1051273	133542	315392	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Chloroethane	BCM	Ave	+++++ 264521	+++++ 358763	7540 595029	74733	177312	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Isopentane	BCM	Ave	+++++ 500649	6038 686289	13186 1138910	135615	329335	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 464479	5506 639654	12035 1062223	127477	308890	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 1130147	14290 1540185	31228 2515820	322706	757059	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Pentane	BCM	Ave	+++++ 762466	+++++ 1051732	18331 1755421	204422	505142	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Ethanol	BCM	Ave	+++++ 280340	+++++ 587533	53702 1221427	105859	207261	+++++ 20.0	+++++ 40.0	4.26 100.0	8.49	15.0

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1 Analy Batch No.: 217752

SDG No.:

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

Calibration Start Date: 06/23/2025 16:41 Calibration End Date: 06/24/2025 02:26 Calibration ID: 55463

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	+++++ 332238	2938 462891	7485 769595	87877	217507	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Acrolein	BCM	Ave	+++++ 201012	+++++ 264132	+++++ 470120	49935	125233	+++++ 17.6	+++++ 23.4	+++++ 46.8	4.97	11.7
1,1-Dichloroethene	BCM	Ave	1437 506239	5938 696759	13122 1141825	139242	335997	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,1,2-Trichlorotrifluoroethane	BCM	Ave	+++++ 1061073	13256 1442663	29853 2348234	301553	713568	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Acetone	BCM	Ave	+++++ 617610	+++++ 816816	+++++ 1358831	166618	403670	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Isopropyl alcohol	BCM	Ave	+++++ 814946	+++++ 975456	+++++ 1665123	181787	498531	+++++ 17.4	+++++ 23.2	+++++ 46.4	4.92	11.6
Carbon disulfide	BCM	Ave	+++++ 1471633	+++++ 2015841	39106 3299782	410179	986144	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Acetonitrile	BCM	Ave	+++++ 335936	+++++ 467630	+++++ 776558	90396	228113	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
3-Chloropropene	BCM	Ave	+++++ 537227	6648 739442	13244 1252827	141903	304904	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Methylene Chloride	BCM	Ave	+++++ 521118	+++++ 710888	16485 1171360	148080	349181	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 857121	+++++ 1187337	+++++ 2032073	225390	590241	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Acrylonitrile	BCM	Ave	+++++ 342097	+++++ 479506	4962 798928	82737	223493	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
trans-1,2-Dichloroethene	BCM	Ave	1765 692856	7666 950864	16675 1559987	190696	460941	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 1351069	11935 1874780	27817 3151922	357709	884434	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Hexane	BCM	Ave	+++++ 779056	6882 1084100	15664 1802103	202564	506435	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,1-Dichloroethane	BCM	Ave	2512 900721	10708 1227334	23817 2009594	251796	599628	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Vinyl acetate	BCM	Ave	+++++ 959711	+++++ 1361272	+++++ 2398665	214012	529863	+++++ 17.1	+++++ 22.8	+++++ 45.6	4.83	11.4
Methyl Ethyl Ketone (2-Butanone)	BCM	Ave	+++++ 259306	+++++ 365452	4877 615239	68055	171680	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
cis-1,2-Dichloroethene	BCM	Ave	1403 578514	6257 796716	13891 1306853	157794	386200	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Ethyl acetate	BCM	Ave	+++++ 50839	+++++ 70480	+++++ 117903	13206	32358	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Tetrahydrofuran	DFBZ	Ave	+++++	+++++	11514	136325	340322	+++++	+++++	0.425	4.24	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1 Analy Batch No.: 217752

SDG No.:

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

Calibration Start Date: 06/23/2025 16:41 Calibration End Date: 06/24/2025 02:26 Calibration ID: 55463

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
			520586	713657	1198948			15.0	20.0	40.0		
Chloroform	BCM	Ave	+++++ 1019773	12375 1390452	27559 2288373	287205	682677	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,1,1-Trichloroethane	DFBZ	Ave	+++++ 1001733	12626 1375144	27241 2269721	281336	669689	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Cyclohexane	DFBZ	Ave	+++++ 743371	6634 1024756	14432 1711897	191808	481430	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Carbon tetrachloride	DFBZ	Ave	2561 1071135	11860 1474032	25611 2438856	299937	714467	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Benzene	DFBZ	Ave	+++++ 1648286	19281 2258549	40558 3746215	453032	1083218	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,2-Dichloroethane	DFBZ	Ave	+++++ 598232	6677 823320	15312 1365105	168586	396552	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	+++++ 2567410	22029 3549712	49963 5888316	678281	1687734	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Heptane	DFBZ	Ave	+++++ 861078	6984 1193467	16325 1983210	226535	561307	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Butanol	DFBZ	Ave	+++++ 363743	+++++ 498801	+++++ 883425	86111	252324	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Trichloroethene	DFBZ	Ave	2485 734453	8097 1006760	19722 1664244	203136	494823	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,2-Dichloropropane	DFBZ	Ave	+++++ 610222	7201 836181	15254 1371228	170162	407140	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Methyl methacrylate	DFBZ	Ave	+++++ 609702	+++++ 838691	9584 1428319	152653	395343	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
1,4-Dioxane	DFBZ	Ave	+++++ 330244	2380 448830	9147 735084	93169	248253	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Dibromomethane	DFBZ	Ave	+++++ 750953	9083 1032147	19698 1694298	213284	508374	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Bromodichloromethane	DFBZ	Ave	+++++ 1102538	12604 1522075	27432 2513338	303246	725783	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
cis-1,3-Dichloropropene	DFBZ	Ave	+++++ 993476	8976 1392626	19338 2364633	253187	639762	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
4-Methyl-2-pentanone (Methyl isobutyl ketone)	DFBZ	Ave	+++++ 1056275	+++++ 1463233	17725 2485457	266861	687817	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Toluene	CBNZd 5	Ave	+++++ 1200290	10754 1660891	23915 2764119	320990	786773	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Octane	DFBZ	Ave	+++++ 1228874	8652 1700974	20328 2825523	328326	807662	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1 Analy Batch No.: 217752

SDG No.:

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

Calibration Start Date: 06/23/2025 16:41 Calibration End Date: 06/24/2025 02:26 Calibration ID: 55463

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
trans-1,3-Dichloropropene	DFBZ	Ave	+++++ 804708	6464 1116698	16092 1901790	211624	522963	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 578223	6586 795390	15330 1321522	161635	384629	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Tetrachloroethene	CBNZd5	Ave	2788 1052353	12130 1453157	26946 2392649	294663	699696	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Methyl Butyl Ketone (2-Hexanone)	CBNZd5	Ave	+++++ 1013557	+++++ 1403716	13350 2410558	245439	659029	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Dibromochloromethane	CBNZd5	Ave	+++++ 1232903	12483 1700864	30487 2831379	331408	791328	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,2-Dibromoethane	CBNZd5	Ave	+++++ 1081926	10564 1491504	25105 2498522	294821	714121	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Chlorobenzene	CBNZd5	Ave	+++++ 1685214	19758 2315908	46109 3823040	474877	1120211	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Ethylbenzene	CBNZd5	Ave	+++++ 2674996	24370 3673977	56967 6091952	714940	1760479	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
m,p-Xylene	CBNZd5	Ave	+++++ 2143611	18069 2930923	43349 4797969	585471	1422510	+++++ 30.0	0.341 40.0	0.851 80.0	8.49	20.0
n-Nonane	CBNZd5	Ave	+++++ 1308304	9423 1784491	24339 2927606	361656	875366	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
o-Xylene	CBNZd5	Ave	+++++ 1009697	7700 1392886	18985 2305714	263749	667693	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Styrene	CBNZd5	Ave	+++++ 1727984	11043 2377406	29690 3909866	464164	1149550	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Bromoform	CBNZd5	Ave	+++++ 1294108	12863 1790328	32990 3003615	328671	788755	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Cumene	CBNZd5	Ave	+++++ 3061743	22346 4210958	53975 6982243	807096	2017242	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,1,2,2-Tetrachloroethane	CBNZd5	Ave	+++++	17937	44472	434234	1002570	+++++	0.170	0.425	4.24	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1 Analy Batch No.: 217752

SDG No.:

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

Calibration Start Date: 06/23/2025 16:41 Calibration End Date: 06/24/2025 02:26 Calibration ID: 55463

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
			1533503	2088629	3460141			15.0	20.0	40.0		
1,2,3-Trichloropropane	CBNZd5	Ave	+++++	+++++	37282	337843	803767	+++++	+++++	0.425	4.24	10.00
			1196022	1643125	2722156			15.0	20.0	40.0		
n-Propylbenzene	CBNZd5	Ave	+++++	31788	76229	1008009	2469374	+++++	0.170	0.425	4.24	10.00
			3714018	5080949	8347805			15.0	20.0	40.0		
2-Chlorotoluene	CBNZd5	Ave	+++++	24135	58235	694783	1689588	+++++	0.170	0.425	4.24	10.00
			2545880	3469828	5731964			15.0	20.0	40.0		
4-Ethyltoluene	CBNZd5	Ave	+++++	23445	61185	855474	2074209	+++++	0.170	0.425	4.24	10.00
			3103604	4230672	6955187			15.0	20.0	40.0		
1,3,5-Trimethylbenzene	CBNZd5	Ave	+++++	21510	53300	711878	1735328	+++++	0.170	0.425	4.24	10.00
			2581139	3507233	5712572			15.0	20.0	40.0		
n-Decane	CBNZd5	Ave	+++++	+++++	30973	486943	1168461	+++++	+++++	0.425	4.24	10.00
			1739832	2358477	3800218			15.0	20.0	40.0		
Alpha Methyl Styrene	CBNZd5	Ave	+++++	9081	22945	359633	929157	+++++	0.170	0.425	4.24	10.00
			1407323	1950429	3251969			15.0	20.0	40.0		
tert-Butylbenzene	CBNZd5	Ave	+++++	20743	51415	705502	1718304	+++++	0.170	0.425	4.24	10.00
			2591744	3524032	5801081			15.0	20.0	40.0		
1,2,4-Trimethylbenzene	CBNZd5	Ave	+++++	19319	48016	713439	1749235	+++++	0.170	0.425	4.24	10.00
			2628659	3611675	5940960			15.0	20.0	40.0		
sec-Butylbenzene	CBNZd5	Ave	+++++	30531	74566	1059954	2612179	+++++	0.170	0.425	4.24	10.00
			3908911	5349714	8737927			15.0	20.0	40.0		
1,3-Dichlorobenzene	CBNZd5	Ave	+++++	19265	47770	533377	1286084	+++++	0.170	0.425	4.24	10.00
			1906791	2585053	4211892			15.0	20.0	40.0		
4-Isopropyltoluene	CBNZd5	Ave	+++++	23880	59376	923438	2285260	+++++	0.170	0.425	4.24	10.00
			3420288	4664385	7565115			15.0	20.0	40.0		
1,4-Dichlorobenzene	CBNZd5	Ave	+++++	18129	46109	527421	1286328	+++++	0.170	0.425	4.24	10.00
			1918857	2608323	4302833			15.0	20.0	40.0		
Benzyl chloride	CBNZd5	Ave	+++++	17859	42940	602726	1496276	+++++	0.170	0.425	4.24	10.00
			2289518	3122647	5300592			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.: 200-78438-1 Analy Batch No.: 217752

SDG No.:

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

Calibration Start Date: 06/23/2025 16:41 Calibration End Date: 06/24/2025 02:26 Calibration ID: 55463

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	CBNZd5	Ave	+++++ 3157483	21242 4294111	46827 7070009	832773	2092767	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,2-Dichlorobenzene	CBNZd5	Ave	+++++ 1833136	17935 2493125	46502 4077614	511138	1235011	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Undecane	CBNZd5	Ave	+++++ 1992419	+++++ 2734209	+++++ 4443440	525054	1329859	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
n-Dodecane	CBNZd5	Ave	+++++ 1916724	+++++ 2685986	+++++ 4340861	430169	1289523	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
1,2,4-Trichlorobenzene	CBNZd5	Ave	+++++ 1691262	+++++ 2343104	25574 3986668	402858	1121705	+++++ 17.6	+++++ 23.5	0.499 46.9	4.98	11.7
Hexachlorobutadiene	CBNZd5	Ave	+++++ 1624153	18272 2245816	42488 3676797	446896	1096340	+++++ 16.9	0.192 22.5	0.478 45.0	4.77	11.2
Naphthalene	CBNZd5	Ave	+++++ 3665770	19200 5010656	43917 8465921	791551	2388511	+++++ 17.8	0.203 23.8	0.506 47.6	5.05	11.9
1,2,3-Trichlorobenzene	CBNZd5	Ave	+++++ 1614314	+++++ 2239616	31904 3721911	387950	1080172	+++++ 17.5	+++++ 23.3	0.496 46.6	4.94	11.6

Curve Type Legend:
Ave = Average ISTD

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1 Analy Batch No.: 217752

SDG No.:

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

Calibration Start Date: 06/23/2025 16:41 Calibration End Date: 06/24/2025 02:26 Calibration ID: 55463

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-217752/4	65696-04.d
Level 2	IC 200-217752/6	65696-06.d
Level 3	IC 200-217752/11	65696-11.d
Level 4	IC 200-217752/8	65696-08.d
Level 5	ICIS 200-217752/10	65696-10.d
Level 6	IC 200-217752/12	65696-12.d
Level 7	IC 200-217752/14	65696-14.d
Level 8	IC 200-217752/15	65696-15.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	+++++ 2.0	+++++ -9.9	+++++	12.4	-3.7	-0.7	30	30		50	30	30
Dichlorodifluoromethane	+++++ 1.6	+++++ -14.1	4.9	9.4	-0.6	-1.2	30	30	50	30	30	30
Chlorodifluoromethane	+++++ 0.0	+++++ -13.1	4.4	13.0	-2.2	-2.0	30	30	50	30	30	30
1,2-Dichlorotetrafluoroethane	+++++ -2.1	17.9 -16.4	1.2	9.7	-4.8	-5.5	30	50 30	30	30	30	30
Chloromethane	+++++ 0.2	+++++ -12.2	3.9	13.1	-2.5	-2.5	30	30	50	30	30	30
Vinyl chloride	41.5 -11.2	10.6 -22.0	2.8	6.6	-15.0	-13.3	50 30	30 30	30	30	30	30
n-Butane	+++++ -3.6	+++++ -14.7	16.3	17.0	-8.3	-6.7	30	30	50	30	30	30
1,3-Butadiene	44.1 -11.4	9.7 -21.6	5.6	0.5	-13.5	-13.5	50 30	30 30	30	30	30	30
Bromomethane	+++++ -0.5	8.8 -14.6	1.8	10.9	-2.9	-3.4	30	50 30	30	30	30	30
Chloroethane	+++++ 0.6	+++++ -12.8	3.4	11.9	-1.5	-1.6	30	30	50	30	30	30
Isopentane	+++++ 1.9	10.7 -11.6	-4.2	7.6	-3.1	-1.4	30	50 30	30	30	30	30
Bromoethene(Vinyl Bromide)	+++++ 2.4	8.8 -11.1	-5.8	9.0	-2.0	-1.4	30	50 30	30	30	30	30
Trichlorofluoromethane	+++++ -0.8	13.6 -15.3	-1.7	11.0	-3.4	-3.5	30	50 30	30	30	30	30
n-Pentane	+++++ 5.7	+++++ -7.8	-9.9	9.8	0.6	1.6	30	30	50	30	30	30
Ethanol	+++++ 7.1	+++++ -6.9	-4.4	3.0	-0.2	1.4	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.: 200-78438-1 | Analy Batch No.: 217752

SDG No.:

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

Calibration Start Date: 06/23/2025 16:41 | Calibration End Date: 06/24/2025 02:26 | Calibration ID: 55463

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	+++++	-13.5	-12.7	12.0	2.8	5.1		50	30	30	30	30
	10.4	-4.1					30	30				
Acrolein	+++++	+++++	+++++	3.3	-3.9	3.2				50	30	30
	2.2	-4.9					30	30				
1,1-Dichloroethene	12.8	6.1	-7.2	7.6	-3.7	-2.8	50	30	30	30	30	30
	0.8	-13.6					30	30				
1,1,2-Trichlorotrifluoroethane	+++++	12.3	0.2	10.6	-2.9	-3.4		50	30	30	30	30
	-1.0	-15.7					30	30				
Acetone	+++++	+++++	+++++	10.3	-0.9	1.5				50	30	30
	1.2	-12.0					30	30				
Isopropyl alcohol	+++++	+++++	+++++	-0.6	1.1	10.6				50	30	30
	-0.2	-10.9					30	30				
Carbon disulfide	+++++	+++++	-2.4	11.9	-0.2	-0.3			50	30	30	30
	2.9	-11.9					30	30				
Acetonitrile	+++++	+++++	+++++	7.1	0.3	-1.2				50	30	30
	3.7	-10.0					30	30				
3-Chloropropene	+++++	16.4	-8.2	7.5	-14.3	1.0		50	30	30	30	30
	4.8	-7.2					30	30				
Methylene Chloride	+++++	+++++	12.4	10.3	-3.5	-3.6			50	30	30	30
	-0.9	-14.6					30	30				
tert-Butyl alcohol	+++++	+++++	+++++	4.5	1.5	-1.3				50	30	30
	3.0	-7.8					30	30				
Acrylonitrile	+++++	+++++	-41.3	7.0	7.2	9.8			50	30	30	30
	16.1	1.1					30	30				
trans-1,2-Dichloroethene	4.4	3.2	-11.1	11.1	-0.4	0.2	50	30	30	30	30	30
	3.7	-11.1					30	30				
Methyl tert-butyl ether	+++++	-12.7	-19.4	13.3	3.9	6.2		50	30	30	30	30
	11.1	-2.4					30	30				
n-Hexane	+++++	-12.0	-20.7	12.1	3.9	7.0		50	30	30	30	30
	12.2	-2.5					30	30				
1,1-Dichloroethane	10.6	7.3	-5.5	9.2	-3.5	-3.0	50	30	30	30	30	30
	-0.4	-14.7					30	30				
Vinyl acetate	+++++	+++++	+++++	-6.0	-13.7	4.7				50	30	30
	11.9	3.1					30	30				
Methyl Ethyl Ketone (2-Butanone)	+++++	+++++	-27.5	10.6	3.5	4.6			50	30	30	30
	11.1	-2.2					30	30				
cis-1,2-Dichloroethene	0.3	1.8	-10.5	11.1	0.9	1.2	50	30	30	30	30	30
	5.0	-9.9					30	30				
Ethyl acetate	+++++	+++++	+++++	5.6	-4.1	0.9				50	30	30
	5.4	-7.8					30	30				
Tetrahydrofuran	+++++	+++++	-14.8	9.4	2.3	2.8			50	30	30	30
	6.4	-6.1					30	30				

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1 Analy Batch No.: 217752

SDG No.:

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

Calibration Start Date: 06/23/2025 16:41 Calibration End Date: 06/24/2025 02:26 Calibration ID: 55463

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	+++++ 0.3	10.2 -13.7	-2.8	10.7	-2.4	-2.4	30	50 30	30	30	30	30
1,1,1-Trichloroethane	+++++ -0.8	15.0 -14.0	-2.5	9.3	-2.6	-4.3	30	50 30	30	30	30	30
Cyclohexane	+++++ 10.9	-9.3 -2.7	-22.4	11.8	5.1	6.6	30	50 30	30	30	30	30
Carbon tetrachloride	-2.1 3.5	5.1 -10.0	-10.7	13.4	1.2	-0.4	50 30	30 30	30	30	30	30
Benzene	+++++ 2.1	10.1 -11.0	-8.9	10.3	-1.2	-1.3	30	50 30	30	30	30	30
1,2-Dichloroethane	+++++ 2.1	4.6 -11.1	-5.7	12.6	-0.8	-1.7	30	50 30	30	30	30	30
2,2,4-Trimethylpentane	+++++ 11.1	-12.9 -3.2	-22.3	14.3	6.6	6.4	30	50 30	30	30	30	30
n-Heptane	+++++ 12.6	-16.8 -1.7	-23.5	15.1	6.8	7.6	30	50 30	30	30	30	30
n-Butanol	+++++ 3.2	+++++ -4.0	+++++	-4.1	5.3	-0.4	30	30		50	30	30
Trichloroethene	30.4 -3.0	-1.5 -15.7	-5.6	5.4	-3.8	-6.3	50 30	30 30	30	30	30	30
1,2-Dichloropropane	+++++ 1.5	10.3 -12.6	-8.1	11.2	-0.4	-1.9	30	50 30	30	30	30	30
Methyl methacrylate	+++++ 12.0	+++++ 0.2	-36.4	9.8	6.5	7.9	30	30	50	30	30	30
1,4-Dioxane	+++++ 3.7	-30.6 -10.8	5.0	15.9	15.7	1.1	30	50 30	30	30	30	30
Dibromomethane	+++++ 0.1	11.3 -13.7	-5.1	11.4	-0.5	-3.5	30	50 30	30	30	30	30
Bromodichloromethane	+++++ 2.9	7.6 -10.7	-7.9	10.4	-1.0	-1.3	30	50 30	30	30	30	30
cis-1,3-Dichloropropene	+++++ 12.1	-8.8 0.0	-22.7	9.7	3.8	5.9	30	50 30	30	30	30	30
4-Methyl-2-pentanone (Methyl isobutyl ketone)	+++++ 11.5	+++++ -0.5	-32.9	9.5	5.7	6.6	30	30	50	30	30	30
Toluene	+++++ 11.6	-11.3 -3.7	-20.3	11.0	6.0	6.6	30	50 30	30	30	30	30
n-Octane	+++++ 15.5	-25.8 0.8	-31.5 *	20.0	10.6	10.5	30	50 30	30	30	30	30
trans-1,3-Dichloropropene	+++++ 11.8	-18.3 0.0	-20.0	14.1	5.6	6.7	30	50 30	30	30	30	30
1,1,2-Trichloroethane	+++++ 2.8	4.4 -11.5	-1.7	7.5	-0.3	-1.2	30	50 30	30	30	30	30

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1 Analy Batch No.: 217752

SDG No.:

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

Calibration Start Date: 06/23/2025 16:41 Calibration End Date: 06/24/2025 02:26 Calibration ID: 55463

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	4.0 2.9	5.4 -12.2	-5.3	7.4	-0.6	-1.5	50 30	30 30	30	30	30	30
Methyl Butyl Ketone (2-Hexanone)	+++++ 16.3	+++++ 3.5	-45.1	4.7	9.5	11.0	 30	 30	50	30	30	30
Dibromochloromethane	+++++ 6.9	-3.7 -7.8	-4.9	7.3	-0.2	2.4	 30	50 30	30	30	30	30
1,2-Dibromoethane	+++++ 7.6	-6.5 -6.6	-10.2	9.4	3.3	3.1	 30	50 30	30	30	30	30
Chlorobenzene	+++++ 1.8	6.6 -12.9	0.5	7.4	-1.3	-2.1	 30	50 30	30	30	30	30
Ethylbenzene	+++++ 9.9	-10.5 -5.5	-15.4	10.1	5.7	5.8	 30	50 30	30	30	30	30
m,p-Xylene	+++++ 11.0	-16.0 -5.8	-18.6	14.1	8.0	7.3	 30	50 30	30	30	30	30
n-Nonane	+++++ 13.4	-26.5 -3.6	-23.2	18.3	11.6	9.9	 30	50 30	30	30	30	30
o-Xylene	+++++ 14.6	-22.2 -1.7	-22.5	11.7	10.2	9.8	 30	50 30	30	30	30	30
Styrene	+++++ 17.1	-33.3 -0.2	-27.4	17.7	13.6	12.5	 30	50 30	30	30	30	30
Bromoform	+++++ 8.5	-4.3 -5.6	-0.8	2.6	-4.1	3.7	 30	50 30	30	30	30	30
Cumene	+++++ 15.6	-24.7 -0.7	-26.5	14.1	11.1	11.1	 30	50 30	30	30	30	30
1,1,2,2-Tetrachloroethane	+++++ 0.4	5.8 -13.8	6.1	7.5	-3.3	-2.6	 30	50 30	30	30	30	30
1,2,3-Trichloropropane	+++++ 0.2	+++++ -13.9	12.8	6.1	-1.7	-3.6	 30	 30	50	30	30	30
n-Propylbenzene	+++++ 10.7	-15.0 -5.8	-17.6	13.0	7.9	6.9	 30	50 30	30	30	30	30
2-Chlorotoluene	+++++ 7.4	-8.4 -8.1	-10.6	10.7	4.9	4.1	 30	50 30	30	30	30	30
4-Ethyltoluene	+++++ 12.1	-23.8 -4.5	-19.6	16.7	10.3	8.7	 30	50 30	30	30	30	30
1,3,5-Trimethylbenzene	+++++ 10.1	-17.2 -7.1	-17.0	15.0	9.2	7.0	 30	50 30	30	30	30	30
n-Decane	+++++ 8.7	+++++ -9.2	-29.2	15.6	8.0	6.0	 30	 30	50	30	30	30
Alpha Methyl Styrene	+++++ 19.1	-32.0 2.9	-30.5 *	13.1	13.8	13.6	 30	50 30	30	30	30	30
tert-Butylbenzene	+++++ 11.5	-19.5 -4.9	-19.3	14.9	9.0	8.3	 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.: 200-78438-1 Analy Batch No.: 217752

SDG No.:

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

Calibration Start Date: 06/23/2025 16:41 Calibration End Date: 06/24/2025 02:26 Calibration ID: 55463

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	+++++ 14.4	-24.9 -2.5	-24.5	16.3	11.1	10.0	30	50 30	30	30	30	30
sec-Butylbenzene	+++++ 12.9	-21.0 -4.5	-22.0	15.1	10.5	9.0	30	50 30	30	30	30	30
1,3-Dichlorobenzene	+++++ 4.3	-4.6 -11.9	-4.4	10.8	4.1	1.7	30	50 30	30	30	30	30
4-Isopropyltoluene	+++++ 15.3	-27.6 -3.1	-27.2	17.5	13.3	11.7	30	50 30	30	30	30	30
1,4-Dichlorobenzene	+++++ 6.3	-9.4 -9.2	-6.8	10.6	5.1	3.3	30	50 30	30	30	30	30
Benzyl chloride	+++++ 13.1	-20.6 -0.5	-22.8	12.4	8.7	9.6	30	50 30	30	30	30	30
n-Butylbenzene	+++++ 17.7	-28.6 0.4	-36.3 *	17.5	15.0	14.4	30	50 30	30	30	30	30
1,2-Dichlorobenzene	+++++ 4.9	-7.4 -11.1	-3.0	10.7	4.2	1.9	30	50 30	30	30	30	30
n-Undecane	+++++ 4.8	+++++ -11.7	+++++	3.6	2.3	1.0	30	30		50	30	30
n-Dodecane	+++++ 9.5	+++++ -8.3	+++++	-9.8	5.4	3.2	30	30		50	30	30
1,2,4-Trichlorobenzene	+++++ 14.9	+++++ 1.3	-37.8	1.7	10.3	9.6	30	30	50	30	30	30
Hexachlorobutadiene	+++++ 3.8	3.6 -11.9	-2.6	6.3	1.6	-0.8	30	50 30	30	30	30	30
Naphthalene	+++++ 26.9	-40.3 11.1	-44.8 *	3.2	21.3	22.7	30	50 30	30	30	30	30
1,2,3-Trichlorobenzene	+++++ 11.5	+++++ -4.0	-21.2	-0.5	7.9	6.2	30	30	50	30	30	30

Report Date: 24-Jun-2025 08:22:46 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-04.d
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 23-Jun-2025 16:41:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065696-004
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 24-Jun-2025 08:22:46 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: F7XK Date: 24-Jun-2025 11:42:09

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	4.120	4.104	0.016	92	1931	0.0351	0.0825	
2 Dichlorodifluoromethane	85	4.200	4.195	0.005	97	3404	0.0351	0.0429	
3 Chlorodifluoromethane	51	4.243	4.233	0.010	95	2289	0.0351	0.0498	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.532	4.538	-0.006	87	3640	0.0351	0.0408	
5 Chloromethane	50	4.660	4.650	0.010	94	1588	0.0351	0.0572	
6 Vinyl chloride	62	4.955	4.944	0.011	98	1349	0.0351	0.0496	
7 Butane	43	4.965	4.949	0.016	97	2504	0.0351	0.0745	
8 Butadiene	54	5.078	5.056	0.022	76	972	0.0351	0.0505	
9 Bromomethane	94	5.811	5.800	0.011	94	1455	0.0351	0.0430	
10 Chloroethane	64	6.110	6.089	0.021	1	785	0.0351	0.0419	
12 2-Methylbutane	43	6.345	6.330	0.015	92	1624	0.0351	0.0459	
13 Vinyl bromide	106	6.576	6.565	0.011	94	1091	0.0351	0.0332	
14 Trichlorofluoromethane	101	6.757	6.752	0.005	91	3261	0.0351	0.0400	
15 Pentane	43	6.993	6.982	0.011	95	2277	0.0351	0.0435	
16 Ethanol	45	7.266	7.175	0.091	1	173	0.0702	0.0120	
18 Ethyl ether	59	7.506	7.464	0.042	1	463	0.0351	0.0210	
19 Acrolein	56		7.742				ND	ND	
20 1,1-Dichloroethene	96	7.993	7.983	0.010	57	1437	0.0351	0.0396	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.036	8.031	0.005	93	3004	0.0351	0.0392	
22 Acetone	43	8.170	8.063	0.107	6	3076	0.0351	0.0725	
23 Isopropyl alcohol	45	8.517	8.411	0.106	1	265	0.0407	0.005982	
24 Carbon disulfide	76	8.485	8.475	0.010	95	4798	0.0351	0.0466	
25 Acetonitrile	41		8.657				ND	ND	
26 3-Chloro-1-propene	41	8.828	8.812	0.016	79	1971	0.0351	0.0532	
27 Methylene Chloride	49	9.095	9.090	0.005	92	4188	0.0351	0.1111	
28 2-Methyl-2-propanol	59		9.326				ND	ND	
29 Acrylonitrile	53		9.561				ND	ND	
31 Methyl tert-butyl ether	73	9.743	9.695	0.048	96	2943	0.0351	0.0332	
30 trans-1,2-Dichloroethene	61	9.705	9.695	0.010	90	1765	0.0351	0.0366	
S 35 1,2-Dichloroethene, Total	61				0		0.0702	0.0718	
32 Hexane	57	10.315	10.299	0.016	84	1724	0.0351	0.0340	

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	10.599	10.588	0.010	1	2512	0.0351	0.0388	
34 Vinyl acetate	43		10.599				ND	ND	
36 2-Butanone (MEK)	72		11.685				ND	ND	
37 cis-1,2-Dichloroethene	96	11.738	11.728	0.010	83	1403	0.0351	0.0352	M
38 Ethyl acetate	88		11.781				ND	ND	
* 39 Chlorobromomethane	128	12.193	12.188	0.005	88	286470	10.0	10.0	
40 Tetrahydrofuran	42	12.305	12.241	0.064	56	966	0.0351	0.0275	
41 Chloroform	83	12.380	12.380	0.000	90	2806	0.0351	0.0385	
42 1,1,1-Trichloroethane	97	12.728	12.728	0.000	95	2169	0.0351	0.0299	
43 Cyclohexane	84	12.894	12.888	0.006	89	999	0.0351	0.0207	
44 Carbon tetrachloride	117	13.043	13.038	0.005	95	2561	0.0351	0.0343	
45 Benzene	78	13.423	13.407	0.016	93	4949	0.0351	0.0427	
46 1,2-Dichloroethane	62		13.488				ND	ND	
47 Isooctane	57		13.643				ND	ND	
48 n-Heptane	43	13.985	13.969	0.016	85	1015	0.0351	0.0183	
* 49 1,4-Difluorobenzene	114	14.194	14.194	0.000	94	1451312	10.0	10.0	
50 n-Butanol	56	14.188	14.402	-0.214	24	22937	0.0351	0.9062	
51 Trichloroethene	95	14.675	14.665	0.010	93	2485	0.0351	0.0457	
53 1,2-Dichloropropane	63	15.146	15.146	0.000	74	1576	0.0351	0.0365	
54 Methyl methacrylate	69		15.216				ND	ND	
55 1,4-Dioxane	88	15.349	15.274	0.075	1	298	0.0351	0.0132	
57 Dibromomethane	174	15.322	15.312	0.010	89	2045	0.0351	0.0379	
58 Dichlorobromomethane	83	15.633	15.633	0.000	91	2910	0.0351	0.0376	
59 cis-1,3-Dichloropropene	75	16.483	16.467	0.016	86	1239	0.0351	0.0190	
61 4-Methyl-2-pentanone (MIBK)	43	16.756	16.714	0.042	1	1481	0.0351	0.0216	
62 Toluene	92	17.152	17.147	0.005	91	2388	0.0351	0.0297	
A 63 Toluene Range	1	17.168	(17.072-17.265)		0	8681	NC	NC	
64 n-Octane	43	17.382	17.382	0.000	80	2207	0.0351	0.0286	
A 65 C8 Range	1	17.388	(17.297-17.479)		0	8108	NC	NC	
66 trans-1,3-Dichloropropene	75	17.580	17.553	0.027	73	887	0.0351	0.0170	
67 1,1,2-Trichloroethane	83		17.944				ND	ND	
68 Tetrachloroethene	166	18.179	18.179	0.000	96	2788	0.0351	0.0365	
69 2-Hexanone	43	18.463	18.340	0.123	1	104	0.0351	0.001593	
70 Chlorodibromomethane	129	18.725	18.720	0.005	95	3227	0.0351	0.0375	
71 Ethylene Dibromide	107	18.998	18.976	0.022	59	1372	0.0351	0.0183	
* 73 Chlorobenzene-d5	117	19.907	19.902	0.005	85	1334624	10.0	10.0	
74 Chlorobenzene	112	19.966	19.966	0.000	94	5207	0.0351	0.0423	
S 80 Xylenes, Total	106				0		0.1052	0.0890	
75 Ethylbenzene	91	20.158	20.148	0.010	98	6309	0.0351	0.0349	
76 m-Xylene & p-Xylene	106	20.410	20.399	0.011	0	4254	0.0702	0.0595	
77 n-Nonane	57	20.453	20.437	0.016	84	2034	0.0351	0.0239	
78 o-Xylene	106	21.116	21.111	0.005	95	1934	0.0351	0.0294	
79 Styrene	104	21.159	21.138	0.021	91	2732	0.0351	0.0249	
81 Bromoform	173	21.469	21.464	0.005	93	3484	0.0351	0.0390	
82 Isopropylbenzene	105	21.731	21.726	0.005	97	5679	0.0351	0.0288	
83 1,1,2,2-Tetrachloroethane	83	22.191	22.186	0.005	97	5010	0.0351	0.0445	
84 1,2,3-Trichloropropane	75	22.293	22.288	0.005	95	4877	0.0351	0.0550	
85 N-Propylbenzene	91	22.395	22.390	0.005	99	8035	0.0351	0.0323	
86 2-Chlorotoluene	91	22.550	22.539	0.011	94	7040	0.0351	0.0403	
87 4-Ethyltoluene	105	22.576	22.566	0.010	96	5872	0.0351	0.0288	
88 1,3,5-Trimethylbenzene	105	22.651	22.652	-0.001	93	5251	0.0351	0.0305	
89 n-Decane	57	22.667	22.662	0.005	89	2868	0.0351	0.0244	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.972	22.962	0.010	87	2292	0.0351	0.0259	
91 tert-Butylbenzene	119	23.111	23.112	-0.001	92	4902	0.0351	0.0287	
92 1,2,4-Trimethylbenzene	105	23.202	23.197	0.005	95	4656	0.0351	0.0273	
93 sec-Butylbenzene	105	23.438	23.433	0.005	97	7100	0.0351	0.0277	
94 1,3-Dichlorobenzene	146	23.630	23.625	0.005	95	5388	0.0351	0.0402	
95 4-Isopropyltoluene	119	23.646	23.647	-0.001	96	5640	0.0351	0.0258	
96 1,4-Dichlorobenzene	146	23.786	23.775	0.011	93	5002	0.0351	0.0377	
97 Benzyl chloride	91	23.935	23.925	0.010	98	3997	0.0351	0.0268	
98 n-Butylbenzene	91	24.256	24.246	0.010	99	5230	0.0351	0.0265	
99 1,2-Dichlorobenzene	146	24.315	24.310	0.005	96	5425	0.0351	0.0422	
100 Undecane	57	24.390	24.380	0.010	90	2462	0.0351	0.0174	
101 Dodecane	57	26.123	26.129	-0.006	91	2099	0.0351	0.0158	
102 1,2,4-Trichlorobenzene	180	27.038	27.022	0.016	92	7183	0.0411	0.0764	
103 Hexachlorobutadiene	225	27.295	27.295	0.000	96	6361	0.0394	0.0611	
104 Naphthalene	128	27.589	27.579	0.010	98	16597	0.0417	0.0924	
105 1,2,3-Trichlorobenzene	180	28.055	28.055	0.000	94	10394	0.0409	0.1114	
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_00277	Amount Added: 35.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

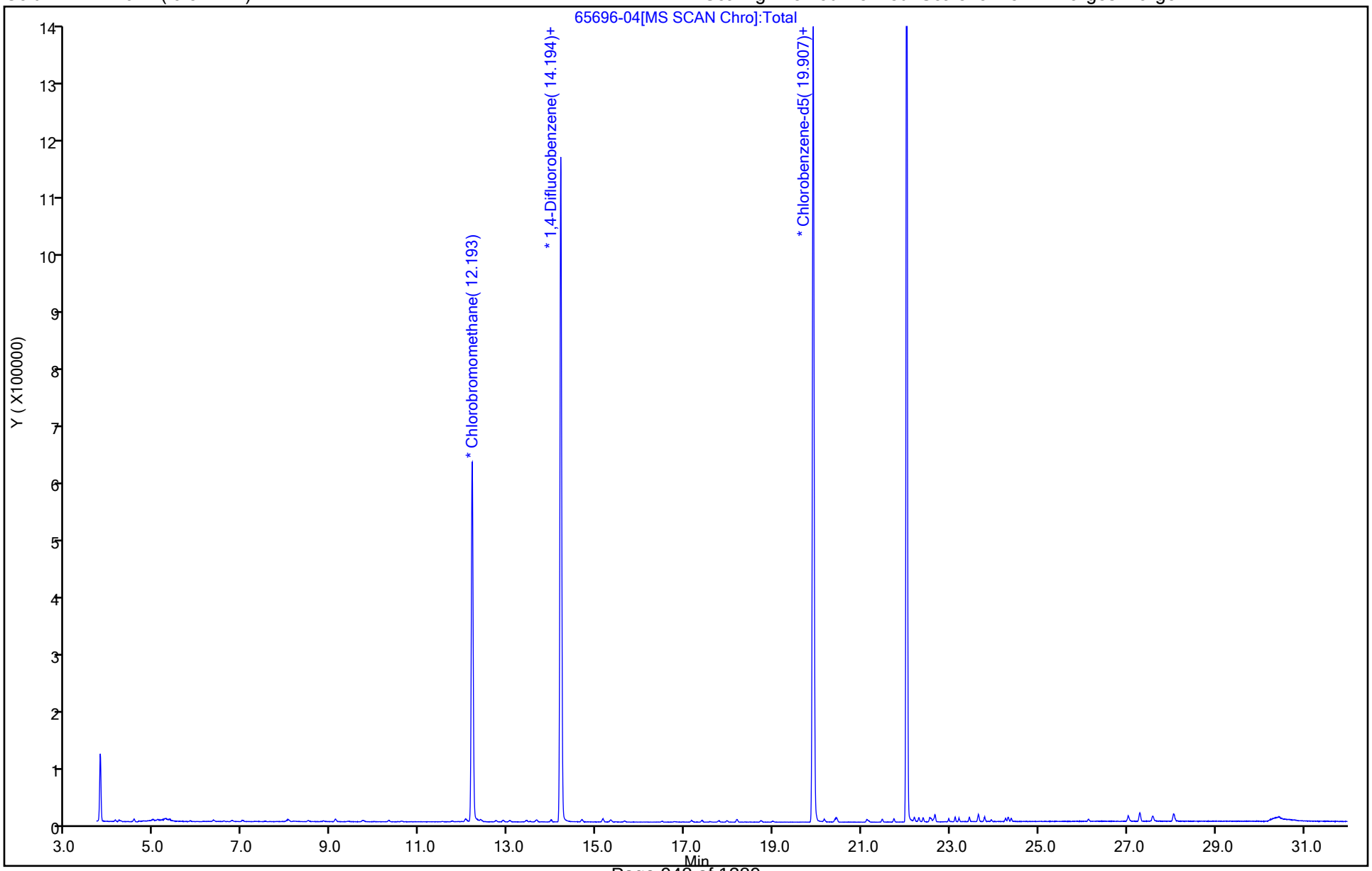
Report Date: 24-Jun-2025 08:22:46 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-04.d

Injection Date:	23-Jun-2025 16:41:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	4
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

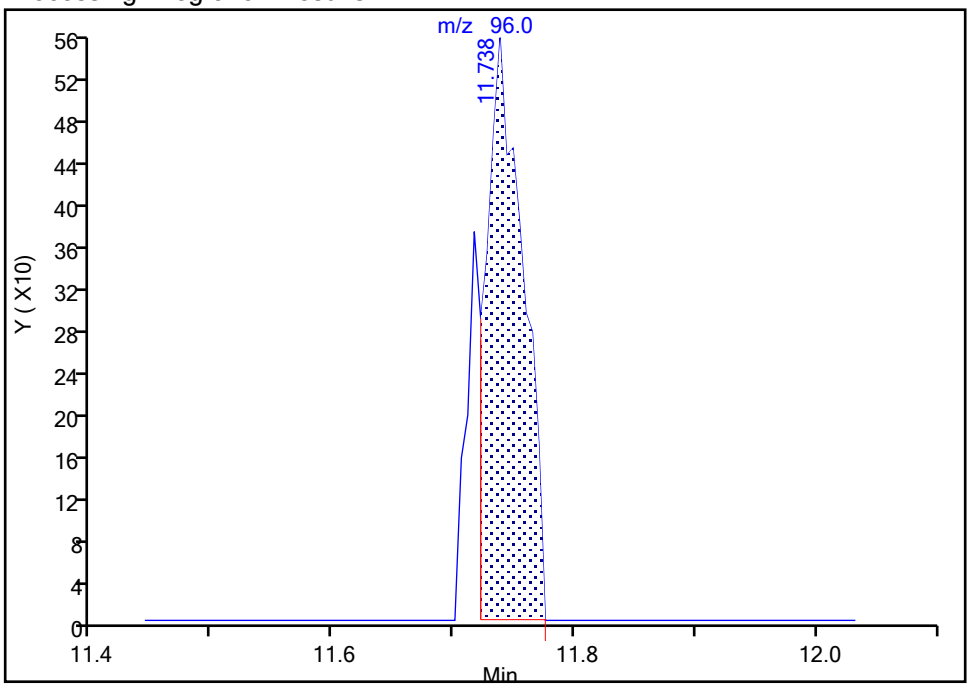
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Injection Date: 23-Jun-2025 16:41:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

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

Signal: 1

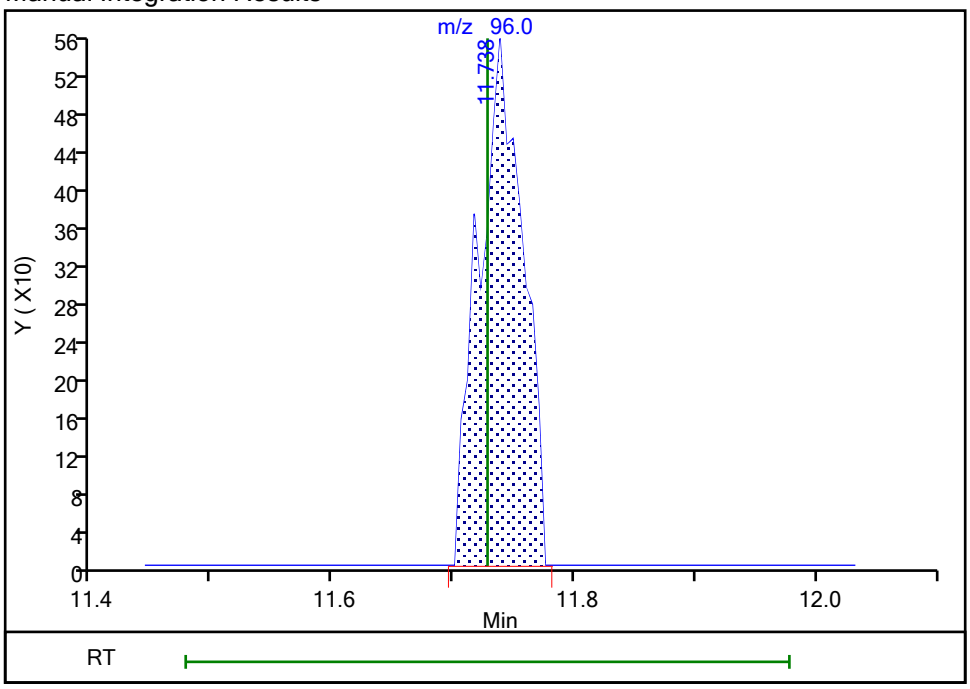
Processing Integration Results

RT: 11.74
Area: 1172
Amount: 0.030110
Amount Units: ppb v/v



Manual Integration Results

RT: 11.74
Area: 1403
Amount: 0.035199
Amount Units: ppb v/v



Reviewer: F7XK, 24-Jun-2025 11:41:32 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Report Date: 24-Jun-2025 08:22:47 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-06.d
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 23-Jun-2025 18:29:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065696-006
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 24-Jun-2025 08:22:47 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: F7XK Date: 24-Jun-2025 11:50:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.120	4.104	0.016	98	5053	0.1704	0.2385	
2 Dichlorodifluoromethane	85	4.206	4.195	0.011	98	14557	0.1704	0.2029	
3 Chlorodifluoromethane	51	4.243	4.233	0.010	96	8453	0.1704	0.2034	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.543	4.538	0.005	92	16225	0.1704	0.2009	
5 Chloromethane	50	4.661	4.650	0.011	97	5642	0.1704	0.2244	
6 Vinyl chloride	62	4.960	4.944	0.016	78	4634	0.1704	0.1885	
7 Butane	43	4.966	4.949	0.017	96	7435	0.1704	0.2446	
8 Butadiene	54	5.073	5.056	0.016	86	3252	0.1704	0.1869	
9 Bromomethane	94	5.821	5.800	0.021	96	5668	0.1704	0.1853	
10 Chloroethane	64	6.100	6.089	0.011	97	3437	0.1704	0.2027	
12 2-Methylbutane	43	6.346	6.330	0.016	91	6038	0.1704	0.1886	
13 Vinyl bromide	106	6.576	6.565	0.011	97	5506	0.1704	0.1854	
14 Trichlorofluoromethane	101	6.763	6.752	0.011	98	14290	0.1704	0.1936	
15 Pentane	43	6.998	6.982	0.016	93	8605	0.1704	0.1819	
16 Ethanol	45	7.244	7.175	0.069	96	4786	0.3408	0.3670	
18 Ethyl ether	59	7.491	7.464	0.027	85	2938	0.1704	0.1474	
19 Acrolein	56	7.812	7.742	0.070	1	1124	0.1995	0.1072	M
20 1,1-Dichloroethene	96	7.988	7.983	0.005	97	5938	0.1704	0.1807	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.042	8.031	0.011	97	13256	0.1704	0.1914	
22 Acetone	43	8.127	8.063	0.064	94	9076	0.1704	0.2365	
23 Isopropyl alcohol	45	8.491	8.411	0.080	94	5253	0.1975	0.1311	
24 Carbon disulfide	76	8.480	8.475	0.005	99	18569	0.1704	0.1994	
25 Acetonitrile	41	8.748	8.657	0.091	25	2544	0.1704	0.1187	M
26 3-Chloro-1-propene	41	8.817	8.812	0.005	92	6648	0.1704	0.1983	
27 Methylene Chloride	49	9.101	9.090	0.011	88	8520	0.1704	0.2499	
28 2-Methyl-2-propanol	59	9.384	9.326	0.058	95	7061	0.1704	0.1289	
29 Acrylonitrile	53	9.630	9.561	0.069	19	2421	0.1704	0.1233	M
31 Methyl tert-butyl ether	73	9.737	9.695	0.042	97	11935	0.1704	0.1488	
30 trans-1,2-Dichloroethene	61	9.700	9.695	0.005	94	7666	0.1704	0.1758	
S 35 1,2-Dichloroethene, Total	61				0		0.3407	0.3493	
32 Hexane	57	10.299	10.299	0.000	90	6882	0.1704	0.1499	

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	10.599	10.588	0.011	98	10708	0.1704	0.1828	
34 Vinyl acetate	43		10.599				ND	ND	MU
36 2-Butanone (MEK)	72	11.749	11.685	0.064	91	2152	0.1704	0.1376	M
37 cis-1,2-Dichloroethene	96	11.738	11.728	0.010	89	6257	0.1704	0.1735	
38 Ethyl acetate	88		11.781				ND	ND	
* 39 Chlorobromomethane	128	12.193	12.188	0.005	86	259176	10.0	10.0	
40 Tetrahydrofuran	42	12.284	12.241	0.043	83	4744	0.1704	0.1521	
41 Chloroform	83	12.380	12.380	0.000	96	12375	0.1704	0.1878	
42 1,1,1-Trichloroethane	97	12.728	12.728	0.000	97	12626	0.1704	0.1959	
43 Cyclohexane	84	12.888	12.888	0.000	97	6634	0.1704	0.1545	M
44 Carbon tetrachloride	117	13.044	13.038	0.006	98	11860	0.1704	0.1791	
45 Benzene	78	13.413	13.407	0.006	95	19281	0.1704	0.1875	
46 1,2-Dichloroethane	62	13.488	13.488	0.000	95	6677	0.1704	0.1782	
47 Isooctane	57	13.643	13.643	0.000	98	22029	0.1704	0.1483	
48 n-Heptane	43	13.974	13.969	0.005	86	6984	0.1704	0.1417	
* 49 1,4-Difluorobenzene	114	14.194	14.194	0.000	94	1288504	10.0	10.0	
50 n-Butanol	56	14.515	14.402	0.113	1	671	0.1704	0.0299	
51 Trichloroethene	95	14.670	14.665	0.005	96	8097	0.1704	0.1679	
53 1,2-Dichloropropane	63	15.157	15.146	0.011	82	7201	0.1704	0.1880	M
54 Methyl methacrylate	69	15.248	15.216	0.032	91	3416	0.1704	0.0982	
55 1,4-Dioxane	88	15.312	15.274	0.038	51	2380	0.1704	0.1183	
57 Dibromomethane	174	15.323	15.312	0.011	93	9083	0.1704	0.1896	
58 Dichlorobromomethane	83	15.638	15.633	0.005	97	12604	0.1704	0.1833	
59 cis-1,3-Dichloropropene	75	16.473	16.467	0.006	90	8976	0.1704	0.1554	M
61 4-Methyl-2-pentanone (MIBK)	43	16.746	16.714	0.032	96	7882	0.1704	0.1292	
62 Toluene	92	17.152	17.147	0.005	94	10754	0.1704	0.1511	
A 63 Toluene Range	1	17.168	(17.072-17.265)		0	38769	NC	NC	
64 n-Octane	43	17.388	17.382	0.006	83	8652	0.1704	0.1264	
A 65 C8 Range	1	17.388	(17.297-17.479)		0	39347	NC	NC	
66 trans-1,3-Dichloropropene	75	17.564	17.553	0.011	94	6464	0.1704	0.1392	
67 1,1,2-Trichloroethane	83	17.955	17.944	0.011	96	6586	0.1704	0.1779	
68 Tetrachloroethene	166	18.174	18.179	-0.005	96	12130	0.1704	0.1796	
69 2-Hexanone	43	18.383	18.340	0.043	92	4434	0.1704	0.0768	
70 Chlorodibromomethane	129	18.725	18.720	0.005	97	12483	0.1704	0.1641	
71 Ethylene Dibromide	107	18.982	18.976	0.006	98	10564	0.1704	0.1592	
* 73 Chlorobenzene-d5	117	19.907	19.902	0.005	85	1179788	10.0	10.0	
74 Chlorobenzene	112	19.971	19.966	0.005	95	19758	0.1704	0.1815	
S 80 Xylenes, Total	106				0		0.5111	0.4186	
75 Ethylbenzene	91	20.153	20.148	0.005	99	24370	0.1704	0.1524	
76 m-Xylene & p-Xylene	106	20.405	20.399	0.006	0	18069	0.3407	0.2861	
77 n-Nonane	57	20.442	20.437	0.005	84	9423	0.1704	0.1252	
78 o-Xylene	106	21.111	21.111	0.000	98	7700	0.1704	0.1325	
79 Styrene	104	21.154	21.138	0.016	92	11043	0.1704	0.1137	
81 Bromoform	173	21.464	21.464	0.000	98	12863	0.1704	0.1630	
82 Isopropylbenzene	105	21.731	21.726	0.005	98	22346	0.1704	0.1283	
83 1,1,2,2-Tetrachloroethane	83	22.192	22.186	0.006	98	17937	0.1704	0.1803	
84 1,2,3-Trichloropropane	75	22.293	22.288	0.005	97	14354	0.1704	0.1831	
85 N-Propylbenzene	91	22.390	22.390	0.000	100	31788	0.1704	0.1447	
86 2-Chlorotoluene	91	22.539	22.539	0.000	96	24135	0.1704	0.1561	
87 4-Ethyltoluene	105	22.571	22.566	0.005	97	23445	0.1704	0.1299	
88 1,3,5-Trimethylbenzene	105	22.657	22.652	0.005	94	21510	0.1704	0.1411	
89 n-Decane	57	22.662	22.662	0.000	94	13099	0.1704	0.1263	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.967	22.962	0.005	90	9081	0.1704	0.1159	
91 tert-Butylbenzene	119	23.117	23.112	0.005	95	20743	0.1704	0.1372	
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	97	19319	0.1704	0.1279	
93 sec-Butylbenzene	105	23.433	23.433	0.000	99	30531	0.1704	0.1346	
94 1,3-Dichlorobenzene	146	23.631	23.625	0.006	95	19265	0.1704	0.1625	
95 4-Isopropyltoluene	119	23.647	23.647	0.000	97	23880	0.1704	0.1234	
96 1,4-Dichlorobenzene	146	23.780	23.775	0.005	97	18129	0.1704	0.1544	
97 Benzyl chloride	91	23.930	23.925	0.005	98	17859	0.1704	0.1353	
98 n-Butylbenzene	91	24.251	24.246	0.005	96	21242	0.1704	0.1217	
99 1,2-Dichlorobenzene	146	24.315	24.310	0.005	96	17935	0.1704	0.1577	
100 Undecane	57	24.385	24.380	0.005	92	10444	0.1704	0.0837	
101 Dodecane	57	26.129	26.129	0.000	92	6864	0.1704	0.0585	
102 1,2,4-Trichlorobenzene	180	27.028	27.022	0.006	94	12145	0.1998	0.1460	
103 Hexachlorobutadiene	225	27.301	27.295	0.006	96	18272	0.1915	0.1984	
104 Naphthalene	128	27.584	27.579	0.005	99	19200	0.2026	0.1209	
105 1,2,3-Trichlorobenzene	180	28.060	28.055	0.005	96	14149	0.1985	0.1716	
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
- U - Marked Undetected

Reagents:

ATTO15CAL1w_00277	Amount Added: 170.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

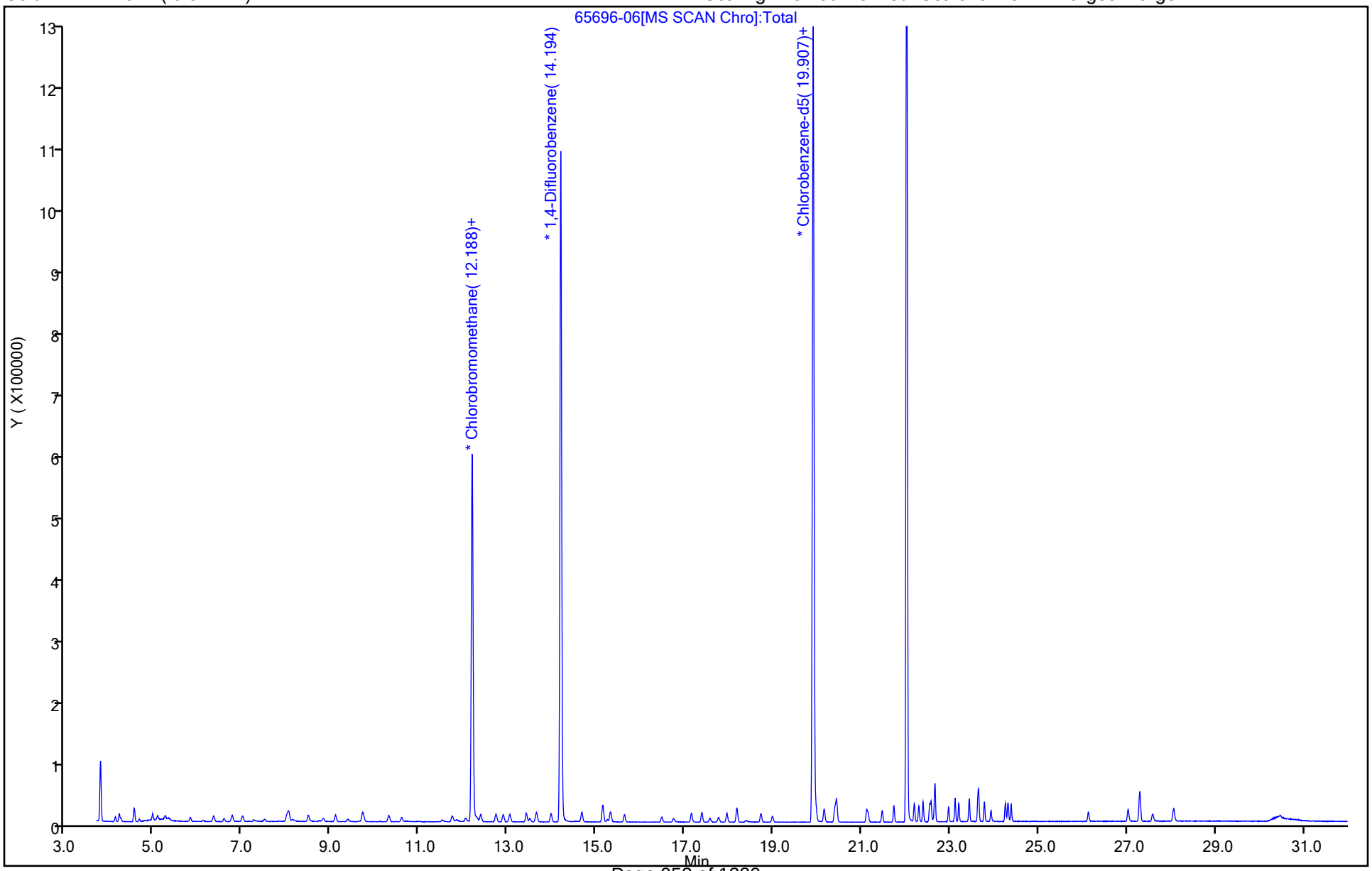
Report Date: 24-Jun-2025 08:22:47 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-06.d

Injection Date:	23-Jun-2025 18:29:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	6
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

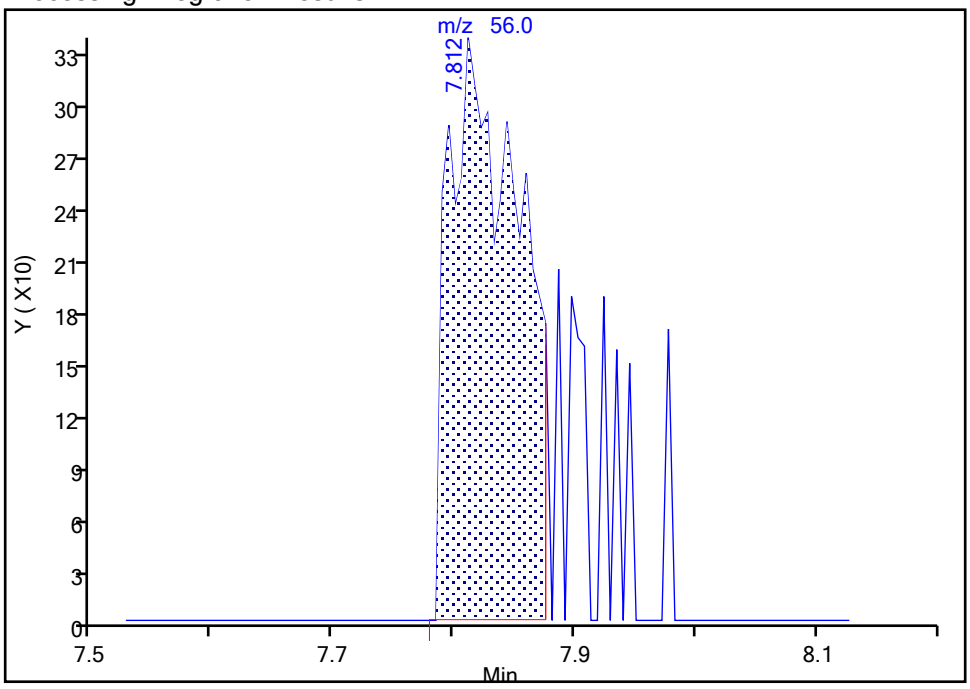
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-06.d
Injection Date: 23-Jun-2025 18:29:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

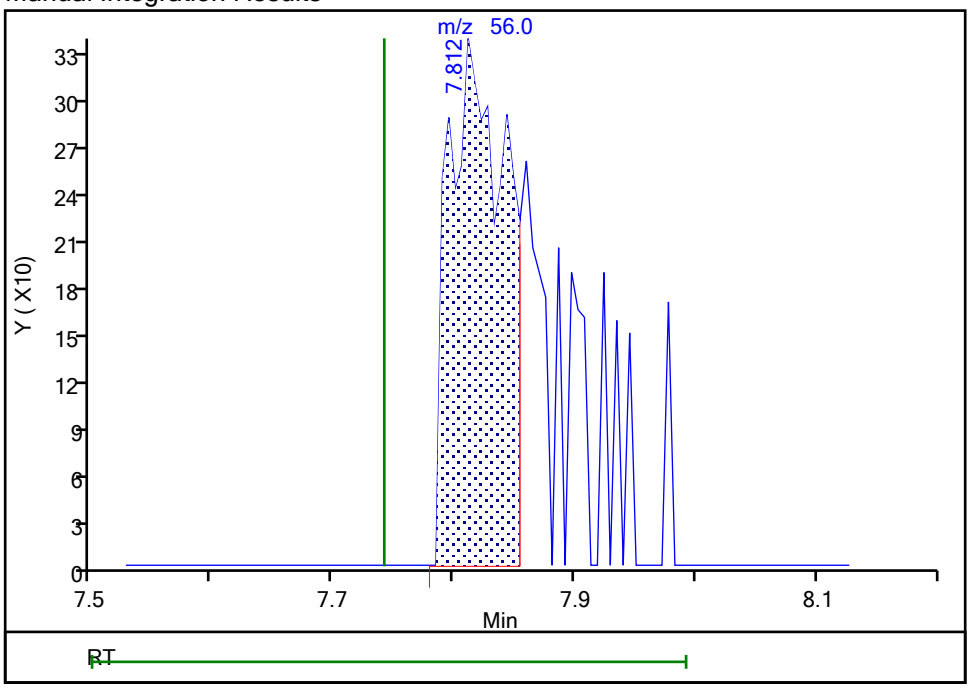
Processing Integration Results

RT: 7.81
Area: 1390
Amount: 0.154914
Amount Units: ppb v/v



Manual Integration Results

RT: 7.81
Area: 1124
Amount: 0.107193
Amount Units: ppb v/v



Reviewer: F7XK, 24-Jun-2025 11:45:15 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

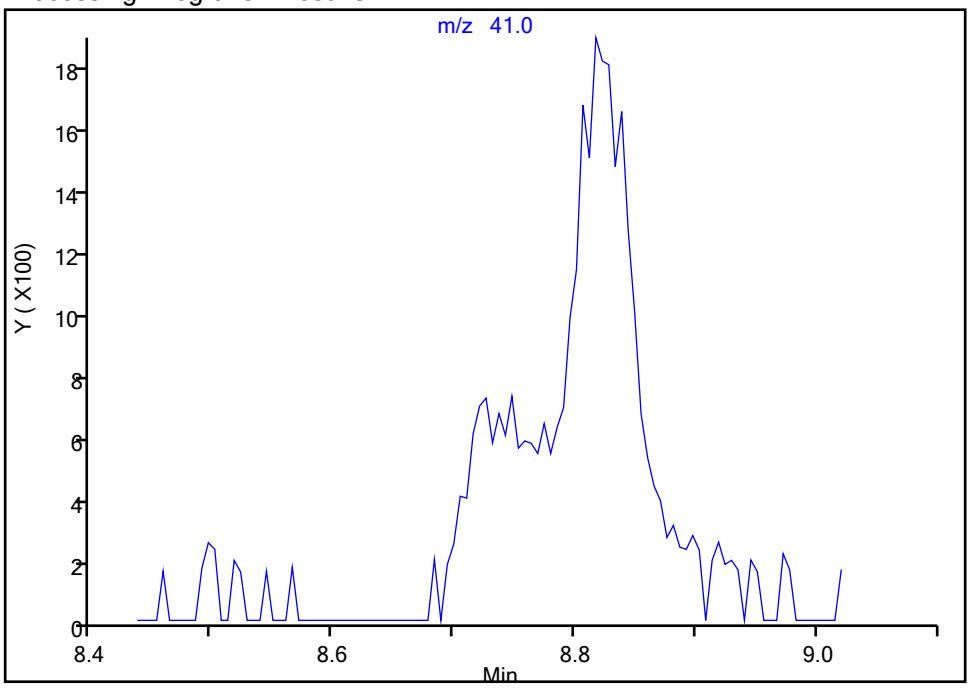
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-06.d				
Injection Date:	23-Jun-2025 18:29:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

25 Acetonitrile, CAS: 75-05-8

Signal: 1

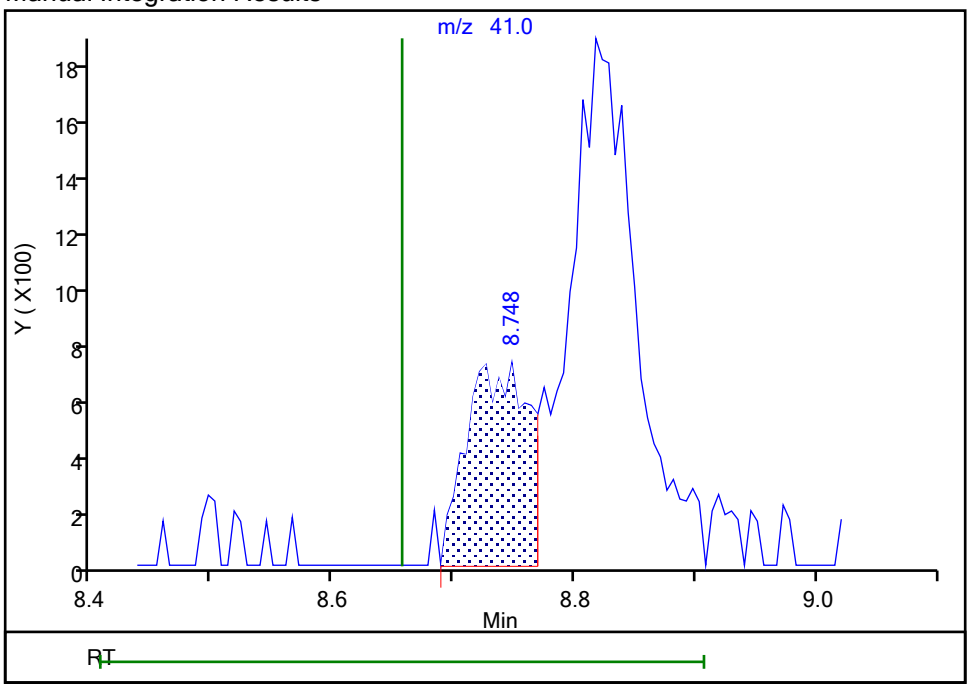
Not Detected
Expected RT: 8.66

Processing Integration Results



Manual Integration Results

RT: 8.75
Area: 2544
Amount: 0.118702
Amount Units: ppb v/v



Reviewer: F7XK, 24-Jun-2025 11:45:58 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

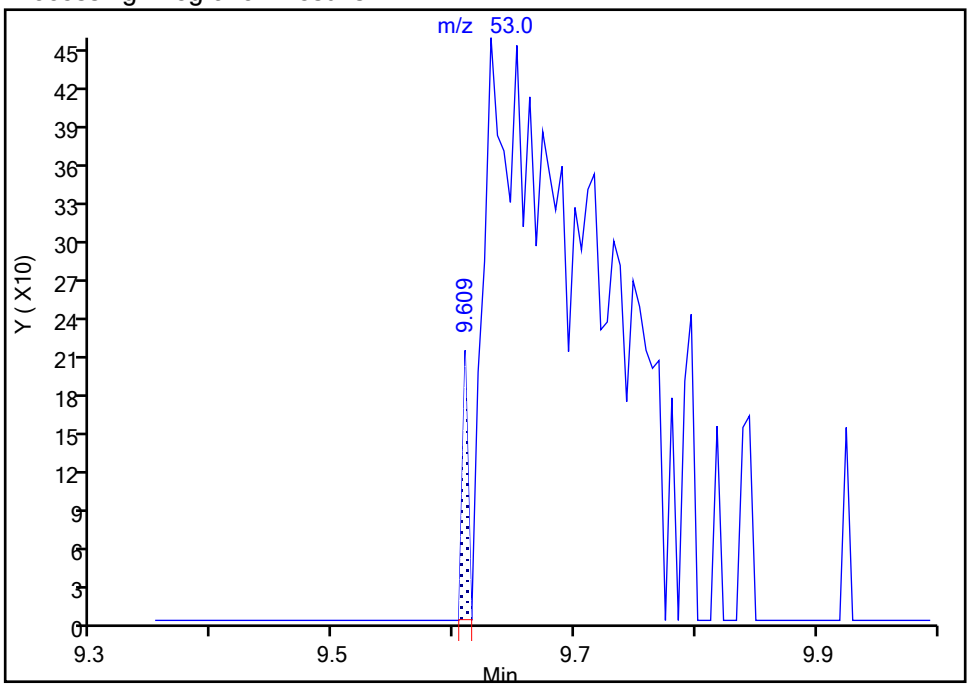
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-06.d				
Injection Date:	23-Jun-2025 18:29:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

29 Acrylonitrile, CAS: 107-13-1

Signal: 1

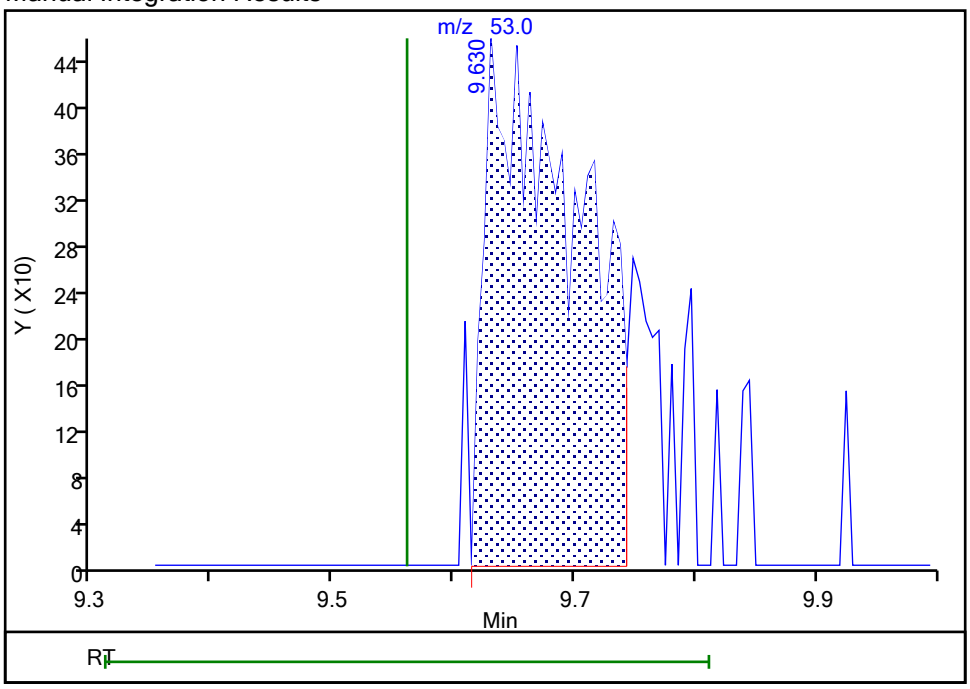
Processing Integration Results

RT: 9.61
Area: 67
Amount: 0.005016
Amount Units: ppb v/v



Manual Integration Results

RT: 9.63
Area: 2421
Amount: 0.123287
Amount Units: ppb v/v



Reviewer: F7XK, 24-Jun-2025 11:46:21 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

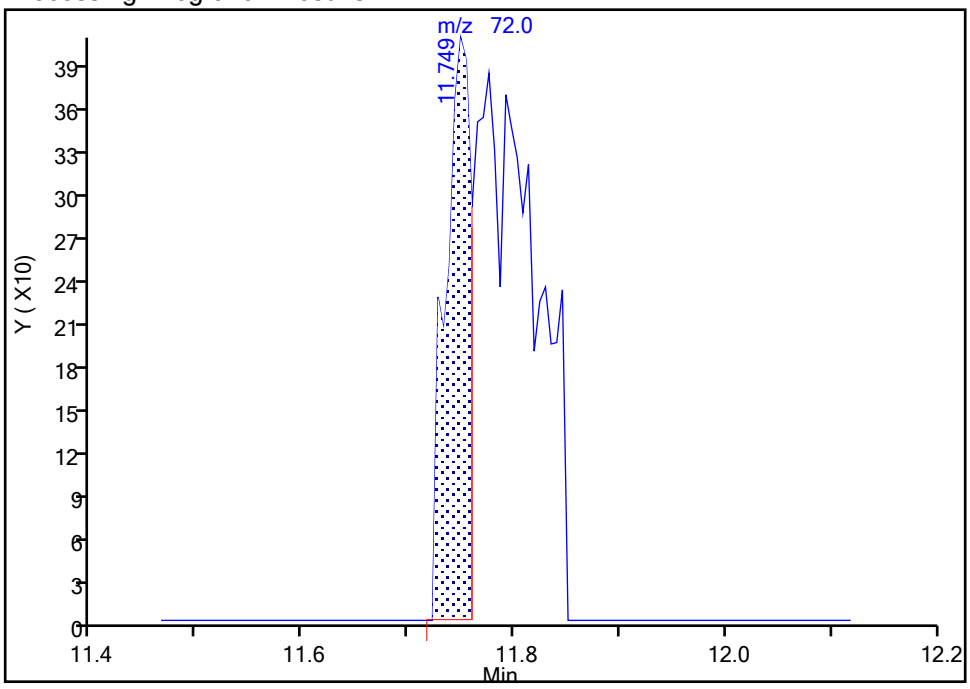
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-06.d
Injection Date: 23-Jun-2025 18:29:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

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

Signal: 1

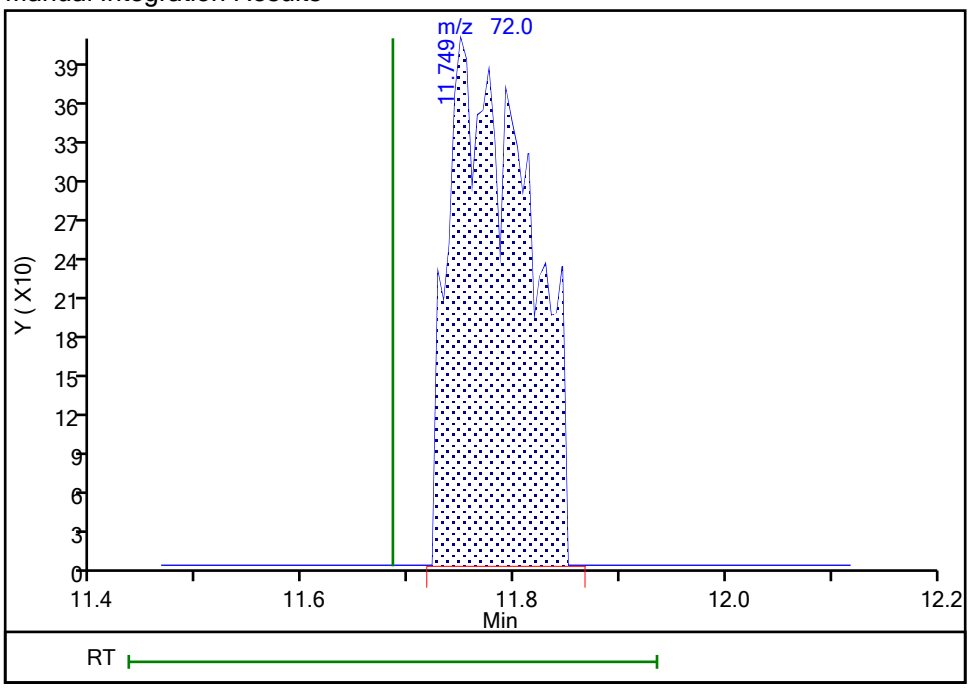
Processing Integration Results

RT: 11.75
Area: 686
Amount: 0.052387
Amount Units: ppb v/v



Manual Integration Results

RT: 11.75
Area: 2152
Amount: 0.137643
Amount Units: ppb v/v



Reviewer: F7XK, 24-Jun-2025 11:46:57 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

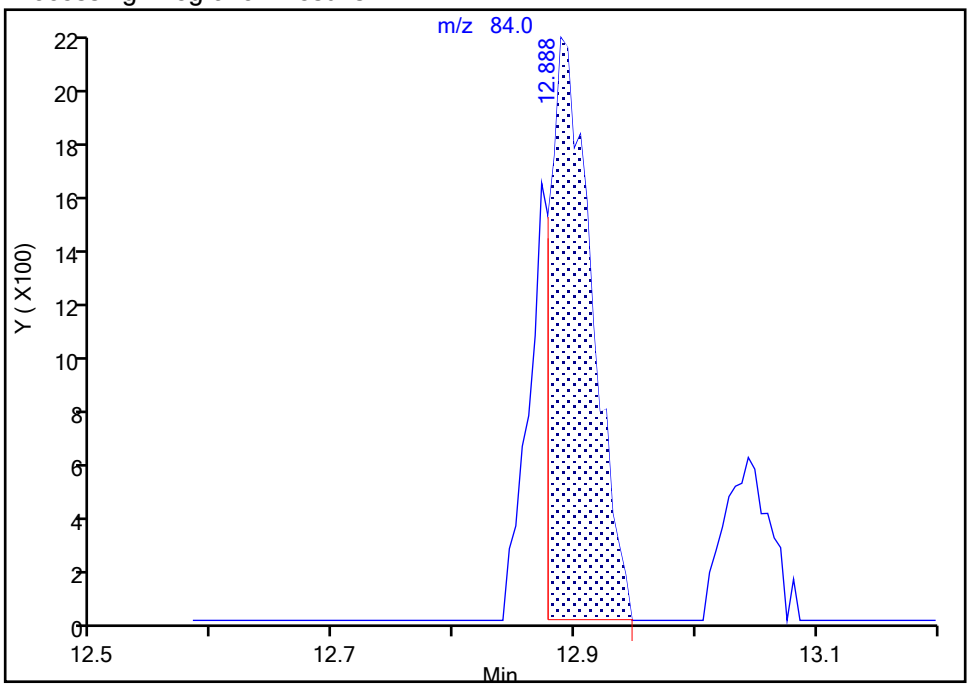
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-06.d
Injection Date: 23-Jun-2025 18:29:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

43 Cyclohexane, CAS: 110-82-7

Signal: 1

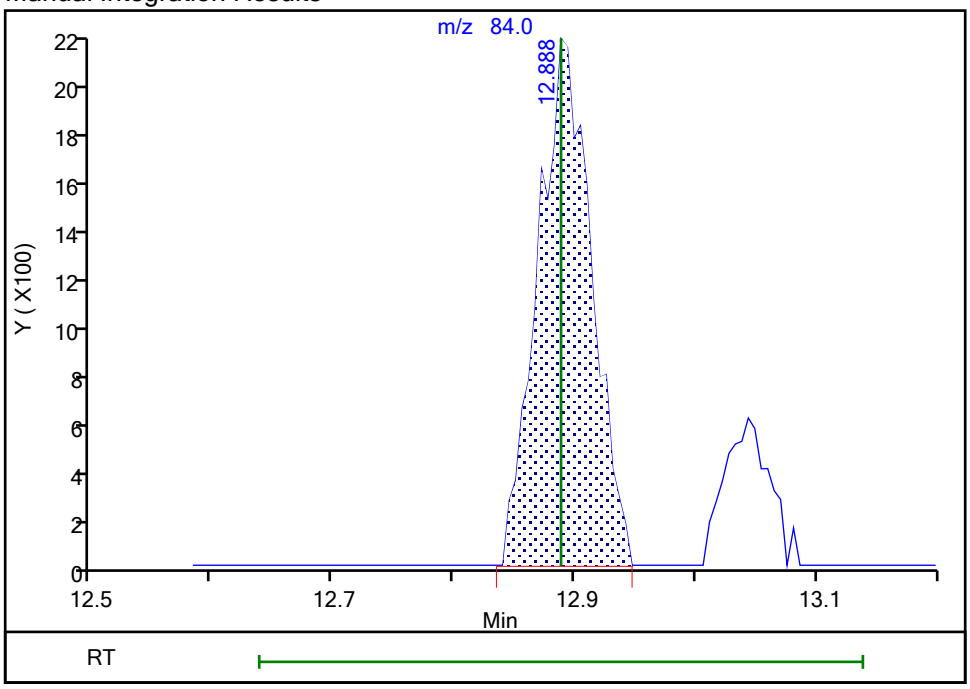
Processing Integration Results

RT: 12.89
Area: 5136
Amount: 0.134570
Amount Units: ppb v/v



Manual Integration Results

RT: 12.89
Area: 6634
Amount: 0.154483
Amount Units: ppb v/v



Reviewer: F7XK, 24-Jun-2025 11:47:36 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

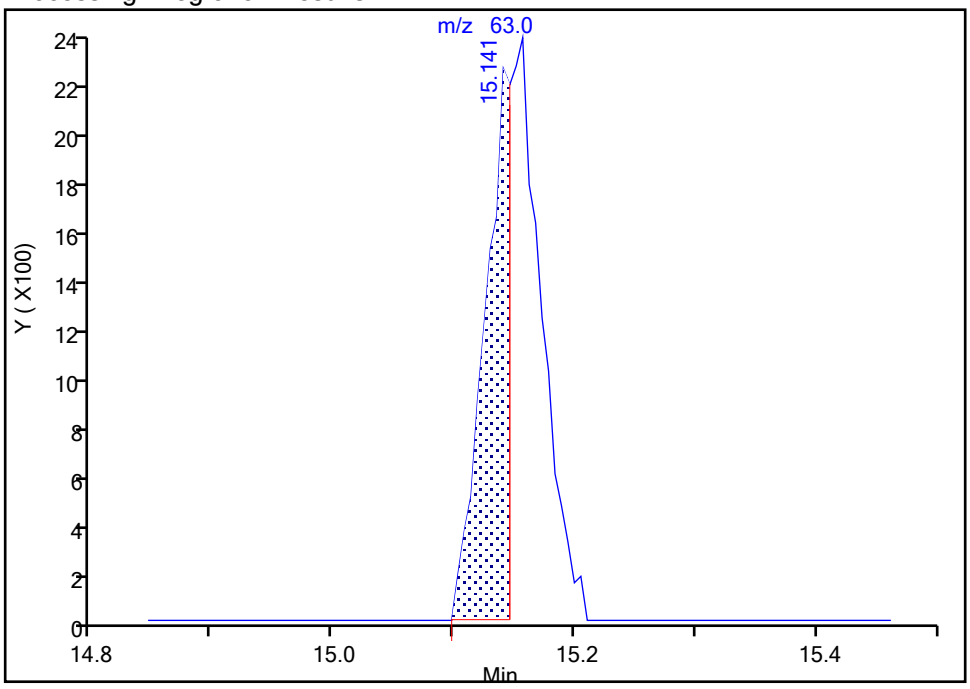
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-06.d
Injection Date: 23-Jun-2025 18:29:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

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

Signal: 1

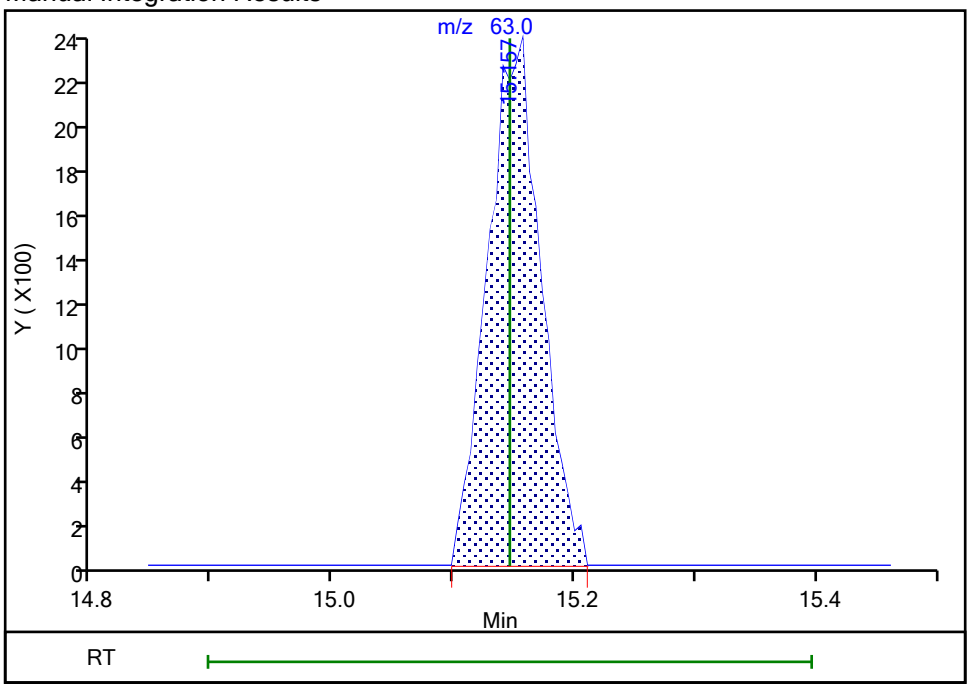
Processing Integration Results

RT: 15.14
Area: 3405
Amount: 0.095387
Amount Units: ppb v/v



Manual Integration Results

RT: 15.16
Area: 7201
Amount: 0.187971
Amount Units: ppb v/v



Reviewer: F7XK, 24-Jun-2025 11:48:17 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

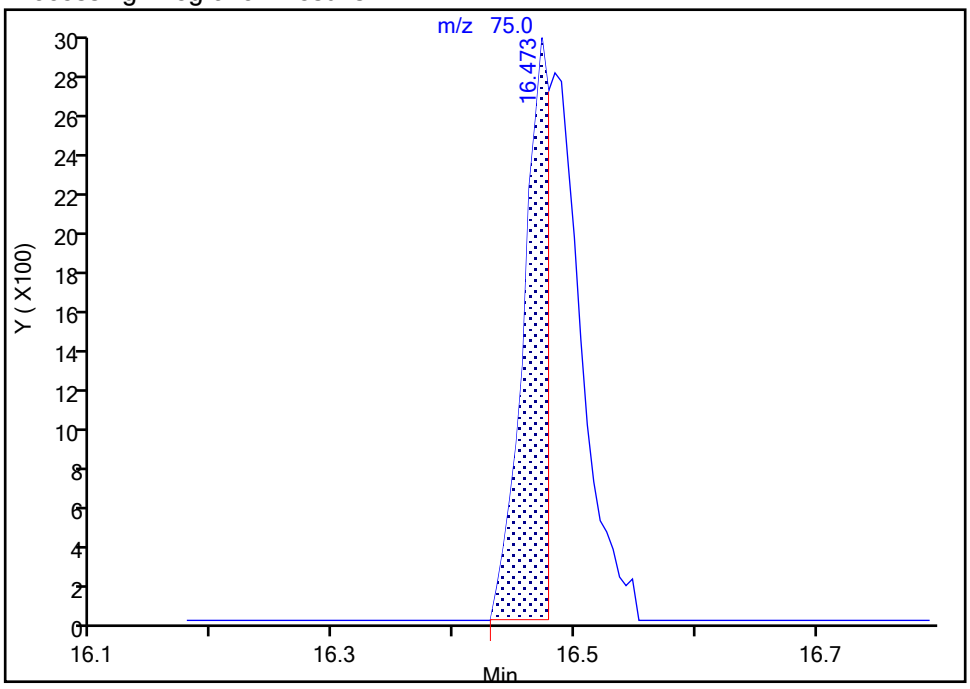
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-06.d				
Injection Date:	23-Jun-2025 18:29:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

59 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

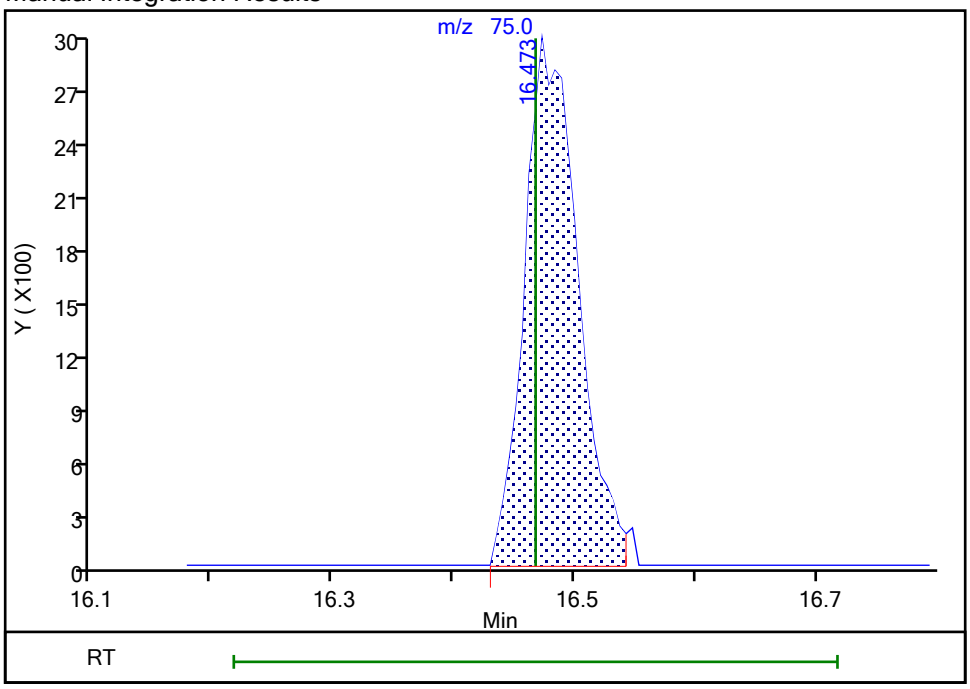
Processing Integration Results

RT: 16.47
Area: 4347
Amount: 0.097823
Amount Units: ppb v/v



Manual Integration Results

RT: 16.47
Area: 8976
Amount: 0.155402
Amount Units: ppb v/v



Reviewer: F7XK, 24-Jun-2025 11:48:58 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

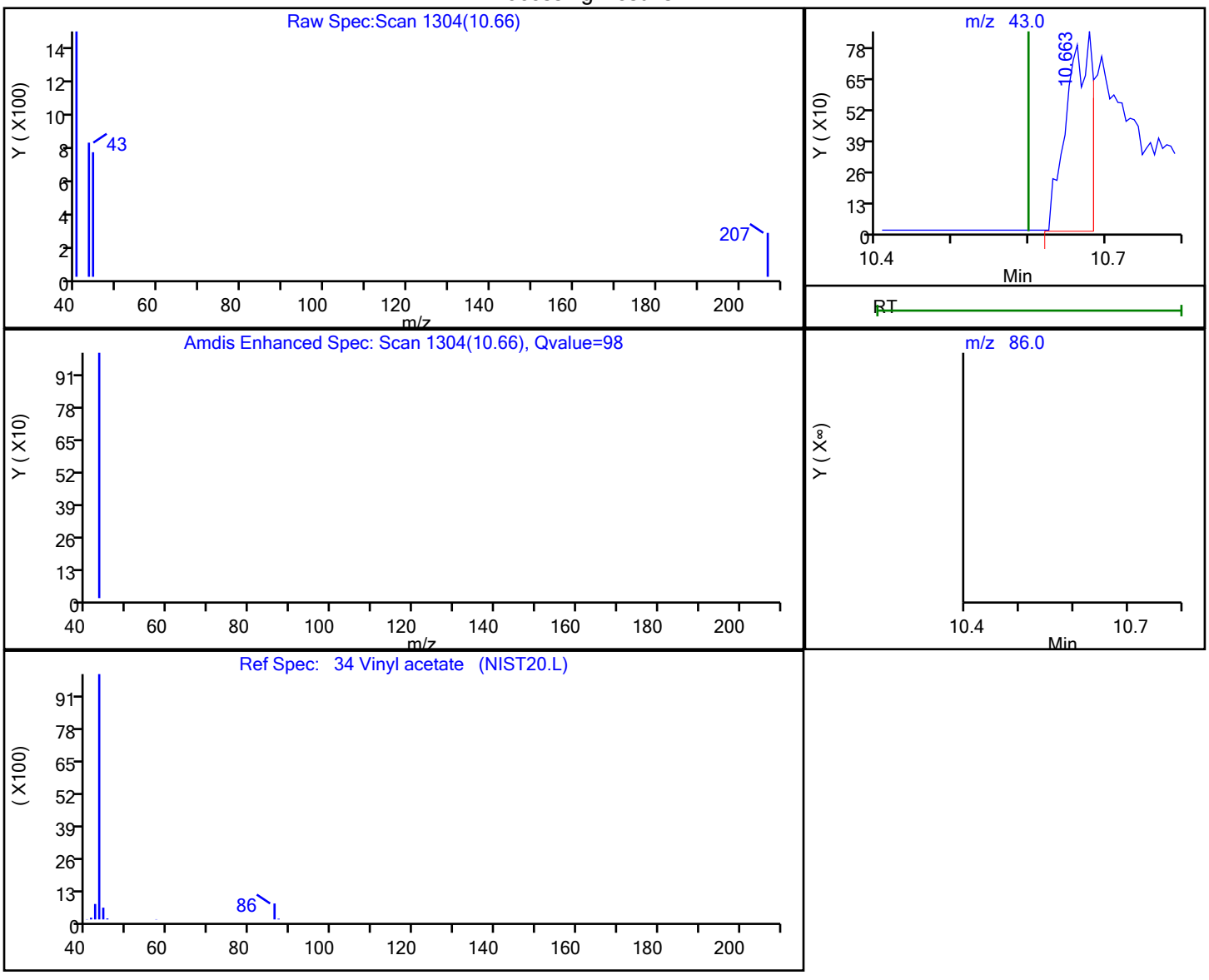
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-06.d				
Injection Date:	23-Jun-2025 18:29:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
10.66	43.00	1929	0.052330
10.60	86.00	0	

Reviewer: F7XK, 24-Jun-2025 11:46:49 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-08.d
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 23-Jun-2025 20:15:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065696-008
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 24-Jun-2025 08:22:49 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: BKZ7 Date: 24-Jun-2025 08:22:33

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	4.109	4.104	0.005	96	93755	4.24	4.77	
2 Dichlorodifluoromethane	85	4.200	4.195	0.005	99	309016	4.24	4.64	
3 Chlorodifluoromethane	51	4.238	4.233	0.005	97	184825	4.24	4.79	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.537	4.538	-0.001	92	348954	4.24	4.66	
5 Chloromethane	50	4.650	4.650	0.000	99	111975	4.24	4.80	
6 Vinyl chloride	62	4.949	4.944	0.005	100	103156	4.24	4.52	
7 Butane	43	4.955	4.949	0.006	98	139952	4.24	4.96	
8 Butadiene	54	5.062	5.056	0.006	91	68840	4.24	4.26	
9 Bromomethane	94	5.805	5.800	0.005	99	133542	4.24	4.71	
10 Chloroethane	64	6.100	6.089	0.011	99	74733	4.24	4.75	
12 2-Methylbutane	43	6.335	6.330	0.005	92	135615	4.24	4.57	
13 Vinyl bromide	106	6.565	6.565	0.000	100	127477	4.24	4.63	
14 Trichlorofluoromethane	101	6.752	6.752	0.000	98	322706	4.24	4.71	
15 Pentane	43	6.988	6.982	0.006	95	204422	4.24	4.66	
16 Ethanol	45	7.175	7.175	0.000	98	105859	8.49	8.75	
18 Ethyl ether	59	7.464	7.464	0.000	90	87877	4.24	4.75	
19 Acrolein	56	7.753	7.742	0.011	95	49935	4.97	5.13	
20 1,1-Dichloroethene	96	7.988	7.983	0.005	96	139242	4.24	4.57	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.031	8.031	0.000	99	301553	4.24	4.69	
22 Acetone	43	8.068	8.063	0.005	96	166618	4.24	4.68	
23 Isopropyl alcohol	45	8.421	8.411	0.010	99	181787	4.92	4.89	
24 Carbon disulfide	76	8.475	8.475	0.000	98	410179	4.24	4.75	
25 Acetonitrile	41	8.662	8.657	0.005	100	90396	4.24	4.55	
26 3-Chloro-1-propene	41	8.817	8.812	0.005	94	141903	4.24	4.56	
27 Methylene Chloride	49	9.090	9.090	0.000	89	148080	4.24	4.68	
28 2-Methyl-2-propanol	59	9.336	9.326	0.010	99	225390	4.24	4.44	
29 Acrylonitrile	53	9.566	9.561	0.005	96	82737	4.24	4.54	
31 Methyl tert-butyl ether	73	9.695	9.695	0.000	97	357709	4.24	4.81	
30 trans-1,2-Dichloroethene	61	9.700	9.695	0.005	81	190696	4.24	4.71	
S 35 1,2-Dichloroethene, Total	61				0		8.49	9.43	
32 Hexane	57	10.299	10.299	0.000	90	202564	4.24	4.76	

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	10.593	10.588	0.005	100	251796	4.24	4.63	
34 Vinyl acetate	43	10.604	10.599	0.005	99	214012	4.83	4.54	
36 2-Butanone (MEK)	72	11.690	11.685	0.005	98	68055	4.24	4.69	
37 cis-1,2-Dichloroethene	96	11.727	11.728	-0.001	91	157794	4.24	4.72	
38 Ethyl acetate	88	11.792	11.781	0.011	99	13206	4.24	4.48	
* 39 Chlorobromomethane	128	12.187	12.188	-0.001	86	240460	10.0	10.0	
40 Tetrahydrofuran	42	12.241	12.241	0.000	90	136325	4.24	4.64	
41 Chloroform	83	12.380	12.380	0.000	95	287205	4.24	4.70	
42 1,1,1-Trichloroethane	97	12.728	12.728	0.000	98	281336	4.24	4.64	
43 Cyclohexane	84	12.888	12.888	0.000	96	191808	4.24	4.74	
44 Carbon tetrachloride	117	13.038	13.038	0.000	99	299937	4.24	4.81	
45 Benzene	78	13.413	13.407	0.006	94	453032	4.24	4.68	
46 1,2-Dichloroethane	62	13.487	13.488	-0.001	93	168586	4.24	4.78	
47 Isooctane	57	13.643	13.643	0.000	100	678281	4.24	4.85	
48 n-Heptane	43	13.969	13.969	0.000	88	226535	4.24	4.88	
* 49 1,4-Difluorobenzene	114	14.194	14.194	0.000	93	1212934	10.0	10.0	
50 n-Butanol	56	14.413	14.402	0.011	87	86111	4.24	4.07	
51 Trichloroethene	95	14.664	14.665	-0.001	98	203136	4.24	4.47	
53 1,2-Dichloropropane	63	15.146	15.146	0.000	92	170162	4.24	4.72	
54 Methyl methacrylate	69	15.221	15.216	0.005	95	152653	4.24	4.66	M
55 1,4-Dioxane	88	15.274	15.274	0.000	91	93169	4.24	4.92	
57 Dibromomethane	174	15.317	15.312	0.005	93	213284	4.24	4.73	
58 Dichlorobromomethane	83	15.633	15.633	0.000	98	303246	4.24	4.69	
59 cis-1,3-Dichloropropene	75	16.473	16.467	0.006	89	253187	4.24	4.66	
61 4-Methyl-2-pentanone (MIBK)	43	16.719	16.714	0.005	95	266861	4.24	4.65	
62 Toluene	92	17.147	17.147	0.000	93	320990	4.24	4.71	
A 63 Toluene Range	1	17.168	(17.072-17.265)		0	1236457	NC	NC	
64 n-Octane	43	17.382	17.382	0.000	89	328326	4.24	5.09	
A 65 C8 Range	1	17.388	(17.297-17.479)		0	1367511	NC	NC	
66 trans-1,3-Dichloropropene	75	17.553	17.553	0.000	95	211624	4.24	4.84	
67 1,1,2-Trichloroethane	83	17.949	17.944	0.005	95	161635	4.24	4.56	
68 Tetrachloroethene	166	18.179	18.179	0.000	97	294663	4.24	4.56	
69 2-Hexanone	43	18.345	18.340	0.005	97	245439	4.24	4.44	
70 Chlorodibromomethane	129	18.719	18.720	-0.001	96	331408	4.24	4.55	
71 Ethylene Dibromide	107	18.976	18.976	0.000	98	294821	4.24	4.64	
* 73 Chlorobenzene-d5	117	19.902	19.902	0.000	84	1129033	10.0	10.0	
74 Chlorobenzene	112	19.966	19.966	0.000	97	474877	4.24	4.56	
S 80 Xylenes, Total	106				0		12.7	14.4	
75 Ethylbenzene	91	20.148	20.148	0.000	98	714940	4.24	4.67	
76 m-Xylene & p-Xylene	106	20.405	20.399	0.006	0	585471	8.49	9.69	
77 n-Nonane	57	20.437	20.437	0.000	87	361656	4.24	5.02	
78 o-Xylene	106	21.111	21.111	0.000	99	263749	4.24	4.74	
79 Styrene	104	21.138	21.138	0.000	98	464164	4.24	4.99	
81 Bromoform	173	21.464	21.464	0.000	99	328671	4.24	4.35	
82 Isopropylbenzene	105	21.726	21.726	0.000	98	807096	4.24	4.84	
83 1,1,2,2-Tetrachloroethane	83	22.191	22.186	0.005	98	434234	4.24	4.56	
84 1,2,3-Trichloropropane	75	22.293	22.288	0.005	98	337843	4.24	4.50	
85 N-Propylbenzene	91	22.389	22.390	-0.001	100	1008009	4.24	4.80	
86 2-Chlorotoluene	91	22.539	22.539	0.000	96	694783	4.24	4.70	
87 4-Ethyltoluene	105	22.566	22.566	0.000	98	855474	4.24	4.95	
88 1,3,5-Trimethylbenzene	105	22.652	22.652	0.000	93	711878	4.24	4.88	
89 n-Decane	57	22.662	22.662	0.000	92	486943	4.24	4.90	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.967	22.962	0.005	90	359633	4.24	4.80	
91 tert-Butylbenzene	119	23.112	23.112	0.000	96	705502	4.24	4.88	
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	97	713439	4.24	4.94	
93 sec-Butylbenzene	105	23.433	23.433	0.000	99	1059954	4.24	4.88	
94 1,3-Dichlorobenzene	146	23.625	23.625	0.000	96	533377	4.24	4.70	
95 4-Isopropyltoluene	119	23.647	23.647	0.000	98	923438	4.24	4.99	
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	96	527421	4.24	4.69	
97 Benzyl chloride	91	23.925	23.925	0.000	99	602726	4.24	4.77	
98 n-Butylbenzene	91	24.251	24.246	0.005	98	832773	4.24	4.99	
99 1,2-Dichlorobenzene	146	24.310	24.310	0.000	98	511138	4.24	4.70	
100 Undecane	57	24.379	24.380	-0.001	94	525054	4.24	4.40	
101 Dodecane	57	26.129	26.129	0.000	98	430169	4.24	3.83	
102 1,2,4-Trichlorobenzene	180	27.028	27.022	0.006	94	402858	4.98	5.06	
103 Hexachlorobutadiene	225	27.295	27.295	0.000	96	446896	4.77	5.07	
104 Naphthalene	128	27.579	27.579	0.000	99	791551	5.05	5.21	
105 1,2,3-Trichlorobenzene	180	28.055	28.055	0.000	96	387950	4.94	4.92	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated

Reagents:

ATTO15CAL3w_00287	Amount Added: 170.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

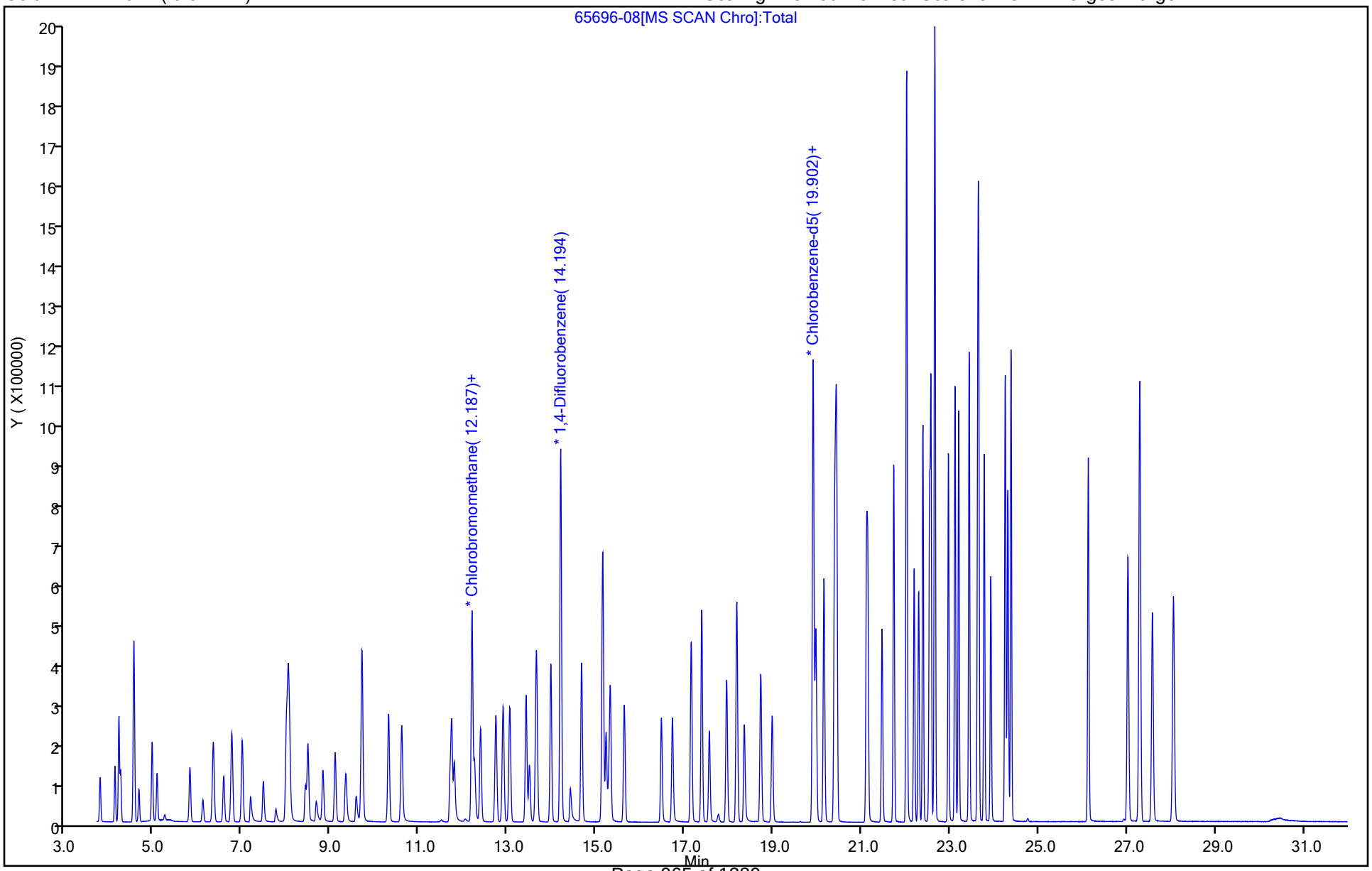
Report Date: 24-Jun-2025 08:22:49 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-08.d

Injection Date:	23-Jun-2025 20:15:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	8
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

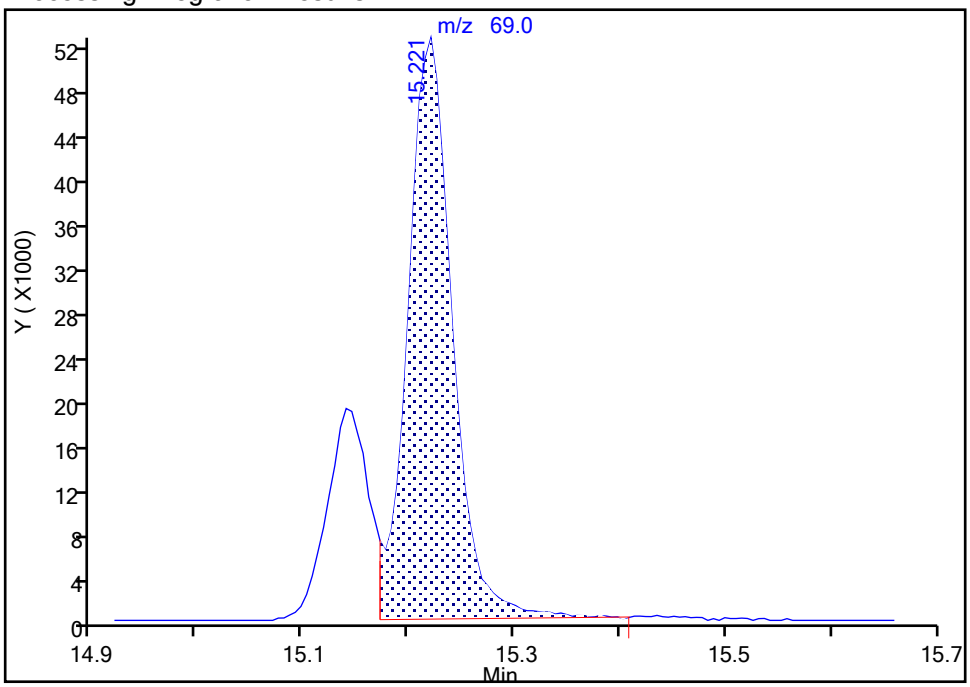
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-08.d				
Injection Date:	23-Jun-2025 20:15:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

54 Methyl methacrylate, CAS: 80-62-6

Signal: 1

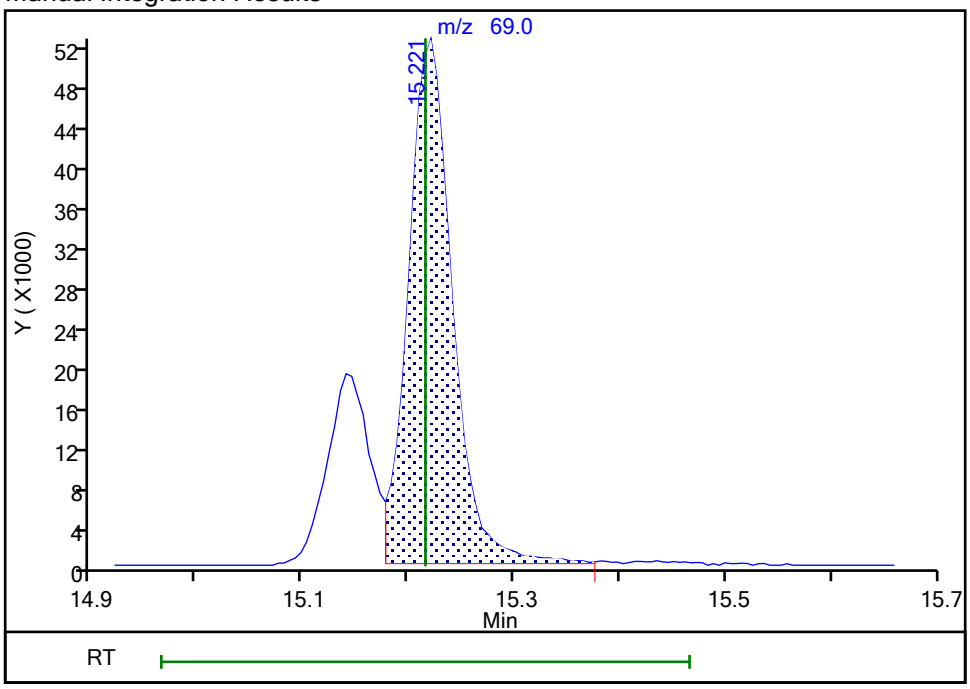
Processing Integration Results

RT: 15.22
Area: 155443
Amount: 5.294151
Amount Units: ppb v/v



Manual Integration Results

RT: 15.22
Area: 152653
Amount: 4.659904
Amount Units: ppb v/v



Reviewer: F7XK, 24-Jun-2025 11:55:09 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Report Date: 24-Jun-2025 08:22:45 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-10.d
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 23-Jun-2025 22:01:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065696-010
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 24-Jun-2025 08:22:44 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: BKZ7 Date: 24-Jun-2025 08:22:44

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	4.104	4.104	0.000	97	216466	10.0	9.62	
2 Dichlorodifluoromethane	85	4.195	4.195	0.000	99	757059	10.0	9.94	
3 Chlorodifluoromethane	51	4.233	4.233	0.000	97	431169	10.0	9.77	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.538	4.538	0.000	98	816136	10.0	9.52	
5 Chloromethane	50	4.650	4.650	0.000	99	260202	10.0	9.75	
6 Vinyl chloride	62	4.944	4.944	0.000	100	221731	10.0	8.50	
7 Butane	43	4.949	4.949	0.000	97	295965	10.0	9.17	
8 Butadiene	54	5.056	5.056	0.000	92	159671	10.0	8.65	
9 Bromomethane	94	5.800	5.800	0.000	100	315392	10.0	9.71	
10 Chloroethane	64	6.089	6.089	0.000	99	177312	10.0	9.85	
12 2-Methylbutane	43	6.330	6.330	0.000	92	329335	10.0	9.69	
13 Vinyl bromide	106	6.565	6.565	0.000	99	308890	10.0	9.80	
14 Trichlorofluoromethane	101	6.752	6.752	0.000	98	757059	10.0	9.66	
15 Pentane	43	6.982	6.982	0.000	96	505142	10.0	10.1	
16 Ethanol	45	7.175	7.175	0.000	98	207261	15.0	15.0	
18 Ethyl ether	59	7.464	7.464	0.000	90	217507	10.0	10.3	
19 Acrolein	56	7.742	7.742	0.000	94	125233	11.7	11.2	
20 1,1-Dichloroethene	96	7.983	7.983	0.000	96	335997	10.0	9.63	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.031	8.031	0.000	99	713568	10.0	9.70	
22 Acetone	43	8.063	8.063	0.000	96	403670	10.0	9.91	
23 Isopropyl alcohol	45	8.411	8.411	0.000	100	498531	11.6	11.7	
24 Carbon disulfide	76	8.475	8.475	0.000	98	986144	10.0	9.98	
25 Acetonitrile	41	8.657	8.657	0.000	100	228113	10.0	10.0	
26 3-Chloro-1-propene	41	8.812	8.812	0.000	94	304904	10.0	8.56	
27 Methylene Chloride	49	9.090	9.090	0.000	90	349181	10.0	9.65	
28 2-Methyl-2-propanol	59	9.326	9.326	0.000	99	590241	10.0	10.2	
29 Acrylonitrile	53	9.561	9.561	0.000	96	223493	10.0	10.7	
31 Methyl tert-butyl ether	73	9.695	9.695	0.000	98	884434	10.0	10.4	
30 trans-1,2-Dichloroethene	61	9.695	9.695	0.000	96	460941	10.0	9.96	
S 35 1,2-Dichloroethene, Total	61				0		20.0	20.0	
32 Hexane	57	10.299	10.299	0.000	90	506435	10.0	10.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.588	10.588	0.000	100	599628	10.0	9.64	
34 Vinyl acetate	43	10.599	10.599	0.000	99	529863	11.4	9.83	
36 2-Butanone (MEK)	72	11.685	11.685	0.000	98	171680	10.0	10.3	
37 cis-1,2-Dichloroethene	96	11.728	11.728	0.000	91	386200	10.0	10.1	
38 Ethyl acetate	88	11.781	11.781	0.000	99	32358	10.0	9.59	
* 39 Chlorobromomethane	128	12.188	12.188	0.000	86	275149	10.0	10.0	
40 Tetrahydrofuran	42	12.241	12.241	0.000	91	340322	10.0	10.2	
41 Chloroform	83	12.380	12.380	0.000	95	682677	10.0	9.76	
42 1,1,1-Trichloroethane	97	12.728	12.728	0.000	95	669689	10.0	9.74	
43 Cyclohexane	84	12.888	12.888	0.000	96	481430	10.0	10.5	
44 Carbon tetrachloride	117	13.038	13.038	0.000	99	714467	10.0	10.1	
45 Benzene	78	13.407	13.407	0.000	94	1083218	10.0	9.88	
46 1,2-Dichloroethane	62	13.488	13.488	0.000	93	396552	10.0	9.92	
47 Isooctane	57	13.643	13.643	0.000	100	1687734	10.0	10.7	
48 n-Heptane	43	13.969	13.969	0.000	88	561307	10.0	10.7	
* 49 1,4-Difluorobenzene	114	14.194	14.194	0.000	93	1374540	10.0	10.0	
50 n-Butanol	56	14.402	14.402	0.000	87	252324	10.0	10.5	
51 Trichloroethene	95	14.665	14.665	0.000	98	494823	10.0	9.62	
53 1,2-Dichloropropane	63	15.146	15.146	0.000	83	407140	10.0	9.96	
54 Methyl methacrylate	69	15.216	15.216	0.000	98	395343	10.0	10.6	
55 1,4-Dioxane	88	15.274	15.274	0.000	92	248253	10.0	11.6	
57 Dibromomethane	174	15.312	15.312	0.000	93	508374	10.0	9.95	
58 Dichlorobromomethane	83	15.633	15.633	0.000	98	725783	10.0	9.90	
59 cis-1,3-Dichloropropene	75	16.467	16.467	0.000	89	639762	10.0	10.4	
61 4-Methyl-2-pentanone (MIBK)	43	16.714	16.714	0.000	95	687817	10.0	10.6	
62 Toluene	92	17.147	17.147	0.000	93	786773	10.0	10.6	
A 63 Toluene Range	1	17.168	(17.072-17.265)		0	3033101	NC	NC	
64 n-Octane	43	17.382	17.382	0.000	89	807662	10.0	11.1	
A 65 C8 Range	1	17.388	(17.297-17.479)		0	3324325	NC	NC	
66 trans-1,3-Dichloropropene	75	17.553	17.553	0.000	95	522963	10.0	10.6	
67 1,1,2-Trichloroethane	83	17.944	17.944	0.000	95	384629	10.0	9.97	
68 Tetrachloroethene	166	18.179	18.179	0.000	97	699696	10.0	9.93	
69 2-Hexanone	43	18.340	18.340	0.000	97	659029	10.0	11.0	
70 Chlorodibromomethane	129	18.720	18.720	0.000	98	791328	10.0	9.98	
71 Ethylene Dibromide	107	18.976	18.976	0.000	99	714121	10.0	10.3	
* 73 Chlorobenzene-d5	117	19.902	19.902	0.000	84	1230019	10.0	10.0	
74 Chlorobenzene	112	19.966	19.966	0.000	96	1120211	10.0	9.87	
S 80 Xylenes, Total	106				0		30.0	32.6	
75 Ethylbenzene	91	20.148	20.148	0.000	98	1760479	10.0	10.6	
76 m-Xylene & p-Xylene	106	20.399	20.399	0.000	0	1422510	20.0	21.6	
77 n-Nonane	57	20.437	20.437	0.000	89	875366	10.0	11.2	
78 o-Xylene	106	21.111	21.111	0.000	99	667693	10.0	11.0	
79 Styrene	104	21.138	21.138	0.000	97	1149550	10.0	11.4	
81 Bromoform	173	21.464	21.464	0.000	99	788755	10.0	9.59	
82 Isopropylbenzene	105	21.726	21.726	0.000	98	2017242	10.0	11.1	
83 1,1,2,2-Tetrachloroethane	83	22.186	22.186	0.000	98	1002570	10.0	9.66	
84 1,2,3-Trichloropropane	75	22.288	22.288	0.000	98	803767	10.0	9.83	
85 N-Propylbenzene	91	22.390	22.390	0.000	100	2469374	10.0	10.8	
86 2-Chlorotoluene	91	22.539	22.539	0.000	96	1689588	10.0	10.5	
87 4-Ethyltoluene	105	22.566	22.566	0.000	98	2074209	10.0	11.0	
88 1,3,5-Trimethylbenzene	105	22.652	22.652	0.000	94	1735328	10.0	10.9	
89 n-Decane	57	22.662	22.662	0.000	92	1168461	10.0	10.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.962	22.962	0.000	90	929157	10.0	11.4	
91 tert-Butylbenzene	119	23.112	23.112	0.000	96	1718304	10.0	10.9	
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	97	1749235	10.0	11.1	
93 sec-Butylbenzene	105	23.433	23.433	0.000	99	2612179	10.0	11.0	
94 1,3-Dichlorobenzene	146	23.625	23.625	0.000	96	1286084	10.0	10.4	
95 4-Isopropyltoluene	119	23.647	23.647	0.000	98	2285260	10.0	11.3	
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	97	1286328	10.0	10.5	
97 Benzyl chloride	91	23.925	23.925	0.000	99	1496276	10.0	10.9	
98 n-Butylbenzene	91	24.246	24.246	0.000	98	2092767	10.0	11.5	
99 1,2-Dichlorobenzene	146	24.310	24.310	0.000	98	1235011	10.0	10.4	
100 Undecane	57	24.380	24.380	0.000	94	1329859	10.0	10.2	
101 Dodecane	57	26.129	26.129	0.000	98	1289523	10.0	10.5	
102 1,2,4-Trichlorobenzene	180	27.022	27.022	0.000	94	1121705	11.7	12.9	
103 Hexachlorobutadiene	225	27.295	27.295	0.000	96	1096340	11.2	11.4	
104 Naphthalene	128	27.579	27.579	0.000	100	2388511	11.9	14.4	
105 1,2,3-Trichlorobenzene	180	28.055	28.055	0.000	96	1080172	11.6	12.6	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL4w_00835	Amount Added: 200.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

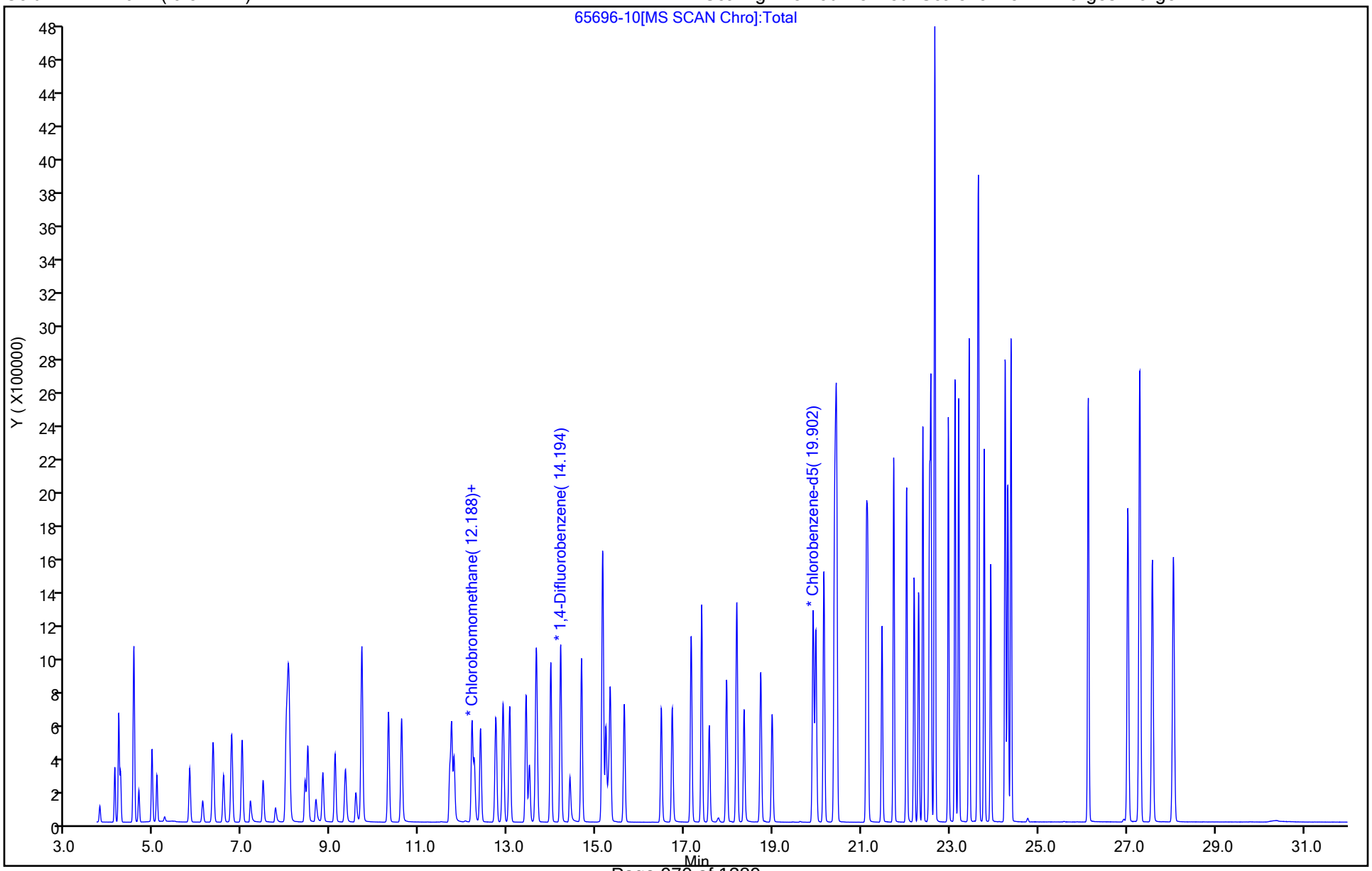
Report Date: 24-Jun-2025 08:22:45 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-10.d

Injection Date:	23-Jun-2025 22:01:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	icis			Worklist Smp#:	10
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Report Date: 24-Jun-2025 08:22:51 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-11.d
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Jun-2025 22:55:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065696-011
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 24-Jun-2025 08:22:50 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: F7XK Date: 24-Jun-2025 12:00:38

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	4.115	4.104	0.011	97	9808	0.4254	0.4578	
2 Dichlorodifluoromethane	85	4.200	4.195	0.005	99	32377	0.4254	0.4463	
3 Chlorodifluoromethane	51	4.243	4.233	0.010	97	18653	0.4254	0.4439	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.537	4.538	-0.001	94	35141	0.4254	0.4303	
5 Chloromethane	50	4.660	4.650	0.010	99	11231	0.4254	0.4418	
6 Vinyl chloride	62	4.955	4.944	0.011	79	10876	0.4254	0.4375	
7 Butane	43	4.960	4.949	0.011	98	15207	0.4254	0.4948	
8 Butadiene	54	5.072	5.056	0.016	90	7904	0.4254	0.4493	
9 Bromomethane	94	5.811	5.800	0.011	99	13397	0.4254	0.4331	
10 Chloroethane	64	6.105	6.089	0.016	98	7540	0.4254	0.4397	
12 2-Methylbutane	43	6.340	6.330	0.010	91	13186	0.4254	0.4074	
13 Vinyl bromide	106	6.576	6.565	0.011	99	12035	0.4254	0.4008	
14 Trichlorofluoromethane	101	6.758	6.752	0.006	97	31228	0.4254	0.4183	
15 Pentane	43	6.993	6.982	0.011	93	18331	0.4254	0.3832	Ma
16 Ethanol	45	7.196	7.175	0.021	98	53702	4.26	4.07	
18 Ethyl ether	59	7.490	7.464	0.026	89	7485	0.4254	0.3713	
19 Acrolein	56	7.806	7.742	0.064	89	3613	0.4981	0.3407	
20 1,1-Dichloroethene	96	7.988	7.983	0.005	97	13122	0.4254	0.3949	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.036	8.031	0.005	99	29853	0.4254	0.4262	
22 Acetone	43	8.116	8.063	0.053	94	15735	0.4254	0.4055	
23 Isopropyl alcohol	45	8.475	8.411	0.064	38	14208	0.4930	0.3505	
24 Carbon disulfide	76	8.480	8.475	0.005	99	39106	0.4254	0.4154	
25 Acetonitrile	41	8.721	8.657	0.064	96	6956	0.4254	0.3210	
26 3-Chloro-1-propene	41	8.817	8.812	0.005	94	13244	0.4254	0.3906	
27 Methylene Chloride	49	9.095	9.090	0.005	89	16485	0.4254	0.4781	
28 2-Methyl-2-propanol	59	9.358	9.326	0.032	96	17661	0.4254	0.3189	
29 Acrylonitrile	53	9.614	9.561	0.053	95	4962	0.4254	0.2499	
31 Methyl tert-butyl ether	73	9.721	9.695	0.026	99	27817	0.4254	0.3429	
30 trans-1,2-Dichloroethene	61	9.705	9.695	0.010	97	16675	0.4254	0.3782	
S 35 1,2-Dichloroethene, Total	61				0		0.8508	0.7591	
32 Hexane	57	10.304	10.299	0.005	90	15664	0.4254	0.3374	

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	10.599	10.588	0.011	99	23817	0.4254	0.4022	
34 Vinyl acetate	43	10.647	10.599	0.048	98	12363	0.4845	0.2408	
36 2-Butanone (MEK)	72	11.733	11.685	0.048	92	4877	0.4254	0.3085	
37 cis-1,2-Dichloroethene	96	11.733	11.728	0.005	89	13891	0.4254	0.3809	
38 Ethyl acetate	88	11.813	11.781	0.032	98	430	0.4254	0.1338	
* 39 Chlorobromomethane	128	12.188	12.188	0.000	86	262087	10.0	10.0	
40 Tetrahydrofuran	42	12.273	12.241	0.032	91	11514	0.4254	0.3625	
41 Chloroform	83	12.385	12.380	0.005	95	27559	0.4254	0.4136	
42 1,1,1-Trichloroethane	97	12.733	12.728	0.005	99	27241	0.4254	0.4150	
43 Cyclohexane	84	12.894	12.888	0.006	97	14432	0.4254	0.3300	
44 Carbon tetrachloride	117	13.043	13.038	0.005	99	25611	0.4254	0.3799	
45 Benzene	78	13.413	13.407	0.006	95	40558	0.4254	0.3873	
46 1,2-Dichloroethane	62	13.493	13.488	0.005	94	15312	0.4254	0.4012	
47 Isooctane	57	13.648	13.643	0.005	98	49963	0.4254	0.3304	
48 n-Heptane	43	13.974	13.969	0.005	85	16325	0.4254	0.3253	
* 49 1,4-Difluorobenzene	114	14.194	14.194	0.000	93	1312246	10.0	10.0	
50 n-Butanol	56	14.472	14.402	0.070	92	4646	0.4254	0.2030	
51 Trichloroethene	95	14.664	14.665	-0.001	97	19722	0.4254	0.4015	
53 1,2-Dichloropropane	63	15.141	15.146	-0.005	80	15254	0.4254	0.3910	
54 Methyl methacrylate	69	15.237	15.216	0.021	98	9584	0.4254	0.2704	
55 1,4-Dioxane	88	15.306	15.274	0.032	93	9147	0.4254	0.4464	
57 Dibromomethane	174	15.322	15.312	0.010	93	19698	0.4254	0.4037	
58 Dichlorobromomethane	83	15.638	15.633	0.005	99	27432	0.4254	0.3918	
59 cis-1,3-Dichloropropene	75	16.478	16.467	0.011	90	19338	0.4254	0.3287	
61 4-Methyl-2-pentanone (MIBK)	43	16.740	16.714	0.026	95	17725	0.4254	0.2854	
62 Toluene	92	17.147	17.147	0.000	92	23915	0.4254	0.3392	
A 63 Toluene Range	1	17.168	(17.072-17.265)		0	97512	NC	NC	
64 n-Octane	43	17.382	17.382	0.000	83	20328	0.4254	0.2915	
A 65 C8 Range	1	17.388	(17.297-17.479)		0	94890	NC	NC	
66 trans-1,3-Dichloropropene	75	17.569	17.553	0.016	96	16092	0.4254	0.3403	
67 1,1,2-Trichloroethane	83	17.949	17.944	0.005	96	15330	0.4254	0.4181	
68 Tetrachloroethene	166	18.179	18.179	0.000	98	26946	0.4254	0.4026	
69 2-Hexanone	43	18.372	18.340	0.032	96	13350	0.4254	0.2335	M
70 Chlorodibromomethane	129	18.725	18.720	0.005	98	30487	0.4254	0.4044	
71 Ethylene Dibromide	107	18.982	18.976	0.006	98	25105	0.4254	0.3820	
* 73 Chlorobenzene-d5	117	19.907	19.902	0.005	84	1168798	10.0	10.0	
74 Chlorobenzene	112	19.971	19.966	0.005	96	46109	0.4254	0.4276	
S 80 Xylenes, Total	106				0		1.28	1.02	
75 Ethylbenzene	91	20.153	20.148	0.005	98	56967	0.4254	0.3597	
76 m-Xylene & p-Xylene	106	20.405	20.399	0.006	0	43349	0.8508	0.6928	
77 n-Nonane	57	20.442	20.437	0.005	87	24339	0.4254	0.3265	
78 o-Xylene	106	21.111	21.111	0.000	97	18985	0.4254	0.3297	
79 Styrene	104	21.143	21.138	0.005	97	29690	0.4254	0.3086	
81 Bromoform	173	21.464	21.464	0.000	97	32990	0.4254	0.4221	
82 Isopropylbenzene	105	21.731	21.726	0.005	98	53975	0.4254	0.3127	
83 1,1,2,2-Tetrachloroethane	83	22.191	22.186	0.005	98	44472	0.4254	0.4511	
84 1,2,3-Trichloropropane	75	22.293	22.288	0.005	98	37282	0.4254	0.4800	
85 N-Propylbenzene	91	22.389	22.390	-0.001	99	76229	0.4254	0.3504	
86 2-Chlorotoluene	91	22.539	22.539	0.000	96	58235	0.4254	0.3803	
87 4-Ethyltoluene	105	22.571	22.566	0.005	98	61185	0.4254	0.3422	
88 1,3,5-Trimethylbenzene	105	22.652	22.652	0.000	94	53300	0.4254	0.3529	
89 n-Decane	57	22.662	22.662	0.000	93	30973	0.4254	0.3013	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.967	22.962	0.005	90	22945	0.4254	0.2957	
91 tert-Butylbenzene	119	23.117	23.112	0.005	96	51415	0.4254	0.3432	
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	96	48016	0.4254	0.3210	
93 sec-Butylbenzene	105	23.438	23.433	0.005	99	74566	0.4254	0.3319	
94 1,3-Dichlorobenzene	146	23.631	23.625	0.006	96	47770	0.4254	0.4068	
95 4-Isopropyltoluene	119	23.652	23.647	0.005	98	59376	0.4254	0.3097	
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	96	46109	0.4254	0.3964	
97 Benzyl chloride	91	23.930	23.925	0.005	99	42940	0.4254	0.3283	
98 n-Butylbenzene	91	24.251	24.246	0.005	97	46827	0.4254	0.2708	
99 1,2-Dichlorobenzene	146	24.310	24.310	0.000	98	46502	0.4254	0.4127	
100 Undecane	57	24.385	24.380	0.005	91	20272	0.4254	0.1640	
101 Dodecane	57	26.129	26.129	0.000	93	9845	0.4254	0.0847	
102 1,2,4-Trichlorobenzene	180	27.033	27.022	0.011	93	25574	0.4990	0.3104	
103 Hexachlorobutadiene	225	27.295	27.295	0.000	96	42488	0.4781	0.4657	
104 Naphthalene	128	27.589	27.579	0.010	99	43917	0.5058	0.2790	
105 1,2,3-Trichlorobenzene	180	28.060	28.055	0.005	96	31904	0.4956	0.3906	
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
- a - User Assigned ID

Reagents:

ATTO15CAL2w_00359	Amount Added: 170.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

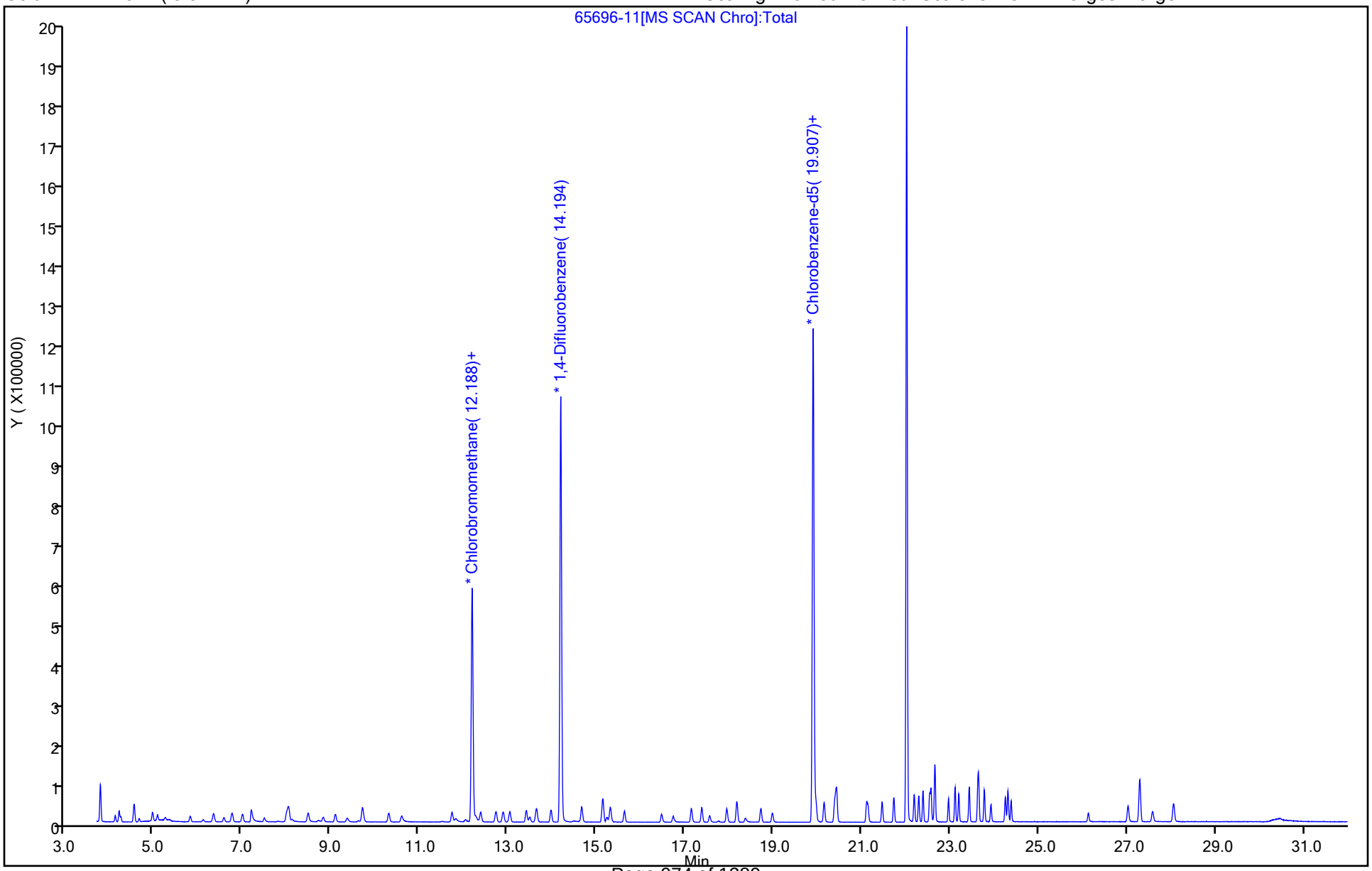
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-11.d

Injection Date:	23-Jun-2025 22:55:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	IC			Worklist Smp#:	11
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

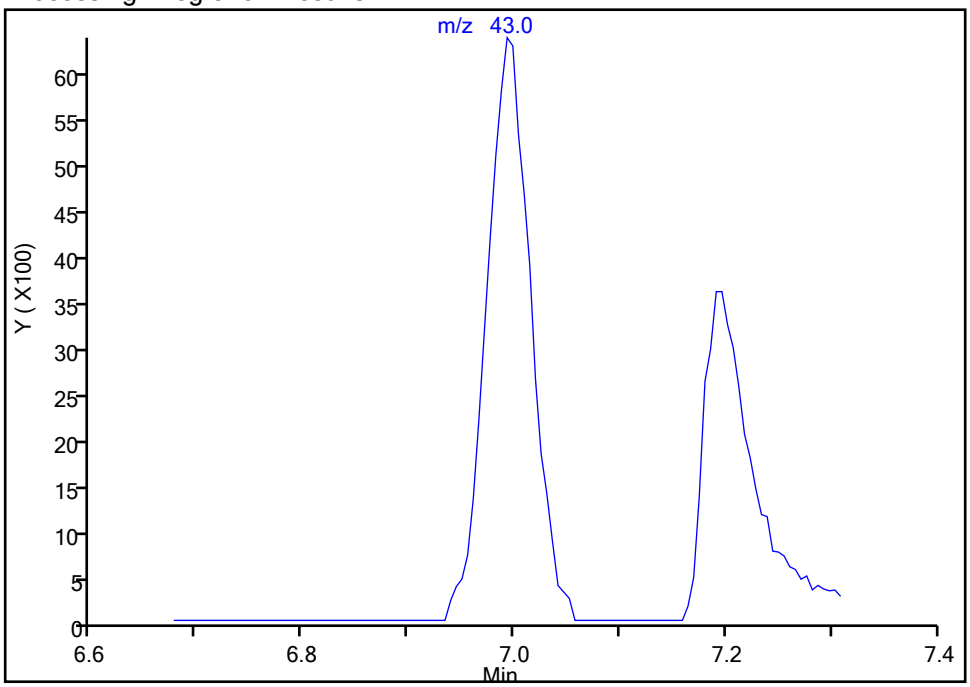
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Lims ID:	IC				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

15 Pentane, CAS: 109-66-0

Signal: 1

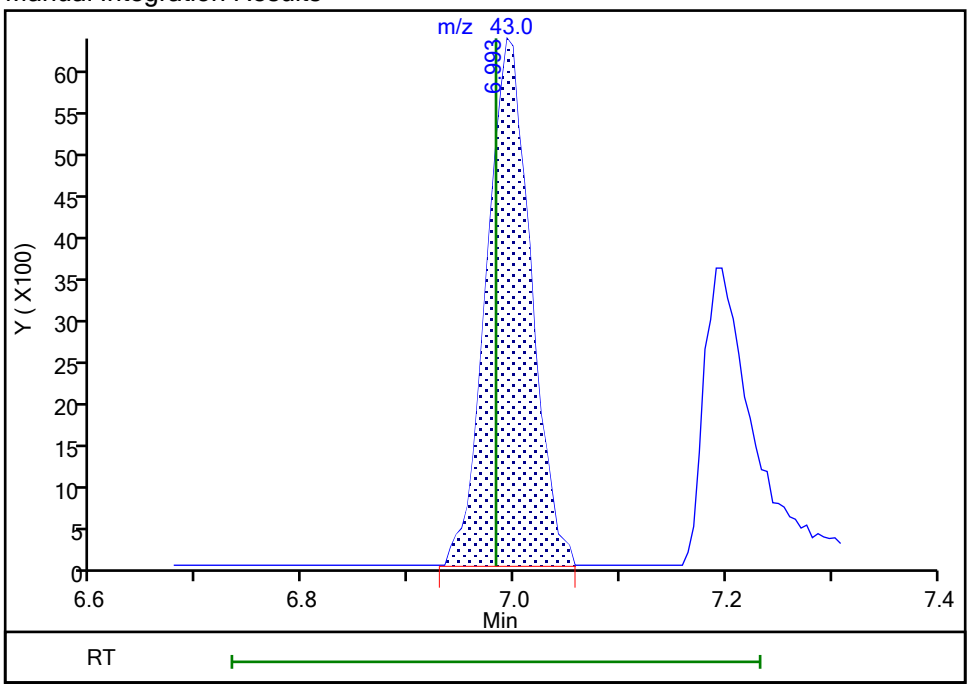
Not Detected
Expected RT: 6.98

Processing Integration Results



Manual Integration Results

RT: 6.99
Area: 18331
Amount: 0.383217
Amount Units: ppb v/v



Reviewer: F7XK, 24-Jun-2025 11:59:26 07:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Burlington

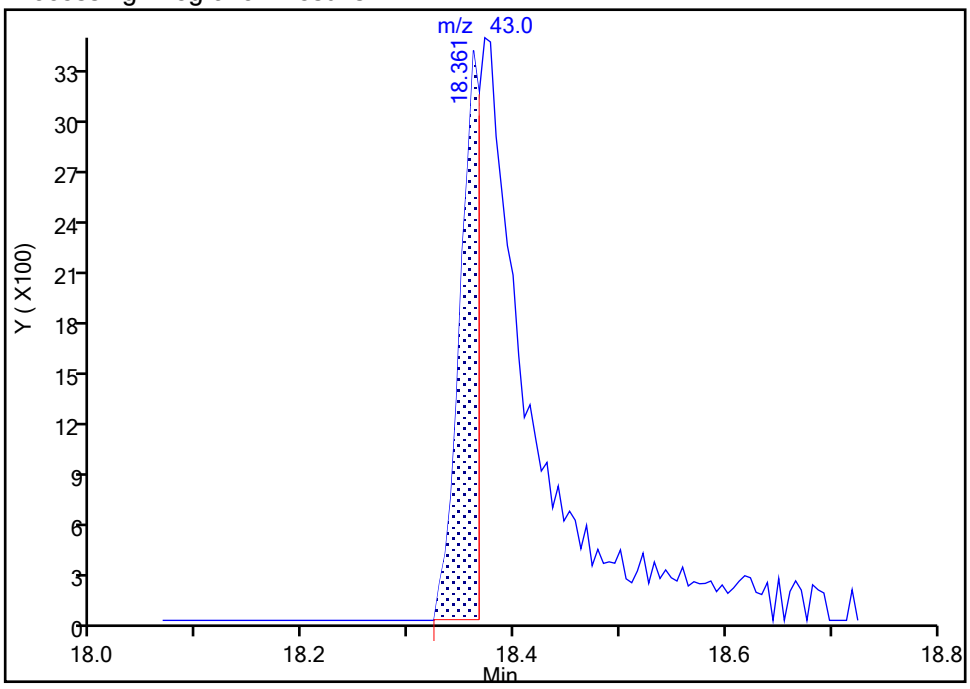
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Injection Date: 23-Jun-2025 22:55:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: vtp ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

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

Signal: 1

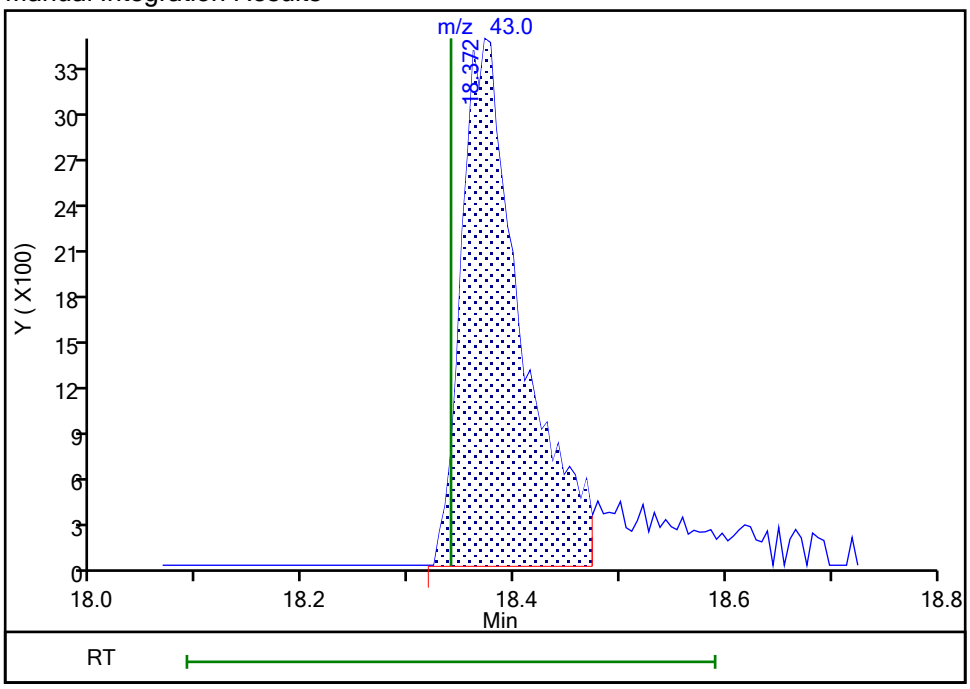
Processing Integration Results

RT: 18.36
Area: 4449
Amount: 0.109926
Amount Units: ppb v/v



Manual Integration Results

RT: 18.37
Area: 13350
Amount: 0.233470
Amount Units: ppb v/v



Reviewer: F7XK, 24-Jun-2025 12:00:20 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-12.d
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 23-Jun-2025 23:49:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065696-012
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 24-Jun-2025 08:22:52 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: F7XK Date: 24-Jun-2025 12:22:56

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	4.109	4.104	0.005	97	333533	15.0	14.9	
2 Dichlorodifluoromethane	85	4.200	4.195	0.005	99	1124451	15.0	14.8	
3 Chlorodifluoromethane	51	4.238	4.233	0.005	97	645904	15.0	14.7	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.537	4.538	-0.001	98	1210765	15.0	14.2	
5 Chloromethane	50	4.655	4.650	0.005	99	388856	15.0	14.6	
6 Vinyl chloride	62	4.949	4.944	0.005	100	338214	15.0	13.0	
7 Butane	43	4.955	4.949	0.006	97	449863	15.0	14.0	
8 Butadiene	54	5.062	5.056	0.006	92	238769	15.0	13.0	
9 Bromomethane	94	5.805	5.800	0.005	99	468455	15.0	14.5	
10 Chloroethane	64	6.100	6.089	0.011	99	264521	15.0	14.8	
12 2-Methylbutane	43	6.335	6.330	0.005	92	500649	15.0	14.8	
13 Vinyl bromide	106	6.570	6.565	0.005	99	464479	15.0	14.8	
14 Trichlorofluoromethane	101	6.758	6.752	0.006	98	1130147	15.0	14.5	
15 Pentane	43	6.993	6.982	0.011	96	762466	15.0	15.2	
16 Ethanol	45	7.169	7.175	-0.006	98	280340	20.0	20.3	
18 Ethyl ether	59	7.458	7.464	-0.006	89	332238	15.0	15.8	
19 Acrolein	56	7.742	7.742	0.000	95	201012	17.6	18.1	
20 1,1-Dichloroethene	96	7.988	7.983	0.005	96	506239	15.0	14.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.036	8.031	0.005	99	1061073	15.0	14.5	
22 Acetone	43	8.063	8.063	0.000	96	617610	15.0	15.2	
23 Isopropyl alcohol	45	8.405	8.411	-0.006	100	814946	17.4	19.2	
24 Carbon disulfide	76	8.475	8.475	0.000	98	1471633	15.0	15.0	
25 Acetonitrile	41	8.657	8.657	0.000	100	335936	15.0	14.8	
26 3-Chloro-1-propene	41	8.817	8.812	0.005	93	537227	15.0	15.2	
27 Methylene Chloride	49	9.090	9.090	0.000	89	521118	15.0	14.5	
28 2-Methyl-2-propanol	59	9.320	9.326	-0.006	99	857121	15.0	14.8	
29 Acrylonitrile	53	9.561	9.561	0.000	96	342097	15.0	16.5	
31 Methyl tert-butyl ether	73	9.695	9.695	0.000	98	1351069	15.0	15.9	
30 trans-1,2-Dichloroethene	61	9.700	9.695	0.005	95	692856	15.0	15.0	
S 35 1,2-Dichloroethene, Total	61				0		30.0	30.2	
32 Hexane	57	10.299	10.299	0.000	90	779056	15.0	16.1	

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	10.593	10.588	0.005	99	900721	15.0	14.5	
34 Vinyl acetate	43	10.599	10.599	0.000	99	959711	17.1	17.9	
36 2-Butanone (MEK)	72	11.679	11.685	-0.006	98	259306	15.0	15.7	
37 cis-1,2-Dichloroethene	96	11.727	11.728	-0.001	87	578514	15.0	15.2	
38 Ethyl acetate	88	11.776	11.781	-0.005	99	50839	15.0	15.1	
* 39 Chlorobromomethane	128	12.187	12.188	-0.001	87	273953	10.0	10.0	
40 Tetrahydrofuran	42	12.236	12.241	-0.005	91	520586	15.0	15.4	
41 Chloroform	83	12.380	12.380	0.000	95	1019773	15.0	14.6	
42 1,1,1-Trichloroethane	97	12.728	12.728	0.000	98	1001733	15.0	14.4	
43 Cyclohexane	84	12.894	12.888	0.006	96	743371	15.0	16.0	
44 Carbon tetrachloride	117	13.043	13.038	0.005	99	1071135	15.0	14.9	
45 Benzene	78	13.413	13.407	0.006	94	1648286	15.0	14.8	
46 1,2-Dichloroethane	62	13.482	13.488	-0.006	93	598232	15.0	14.7	
47 Isooctane	57	13.643	13.643	0.000	100	2567410	15.0	16.0	
48 n-Heptane	43	13.969	13.969	0.000	89	861078	15.0	16.1	
* 49 1,4-Difluorobenzene	114	14.194	14.194	0.000	93	1395009	10.0	10.0	
50 n-Butanol	56	14.402	14.402	0.000	86	363743	15.0	15.0	
51 Trichloroethene	95	14.664	14.665	-0.001	98	734453	15.0	14.1	
53 1,2-Dichloropropane	63	15.146	15.146	0.000	87	610222	15.0	14.7	
54 Methyl methacrylate	69	15.215	15.216	-0.001	98	609702	15.0	16.2	
55 1,4-Dioxane	88	15.269	15.274	-0.005	92	330244	15.0	15.2	
57 Dibromomethane	174	15.312	15.312	0.000	94	750953	15.0	14.5	
58 Dichlorobromomethane	83	15.633	15.633	0.000	98	1102538	15.0	14.8	
59 cis-1,3-Dichloropropene	75	16.473	16.467	0.006	89	993476	15.0	15.9	
61 4-Methyl-2-pentanone (MIBK)	43	16.713	16.714	-0.001	94	1056275	15.0	16.0	
62 Toluene	92	17.147	17.147	0.000	93	1200290	15.0	16.0	
A 63 Toluene Range	1	17.168	(17.072-17.265)		0	4605034	NC	NC	
64 n-Octane	43	17.382	17.382	0.000	89	1228874	15.0	16.6	
A 65 C8 Range	1	17.388	(17.297-17.479)		0	5020039	NC	NC	
66 trans-1,3-Dichloropropene	75	17.553	17.553	0.000	95	804708	15.0	16.0	
67 1,1,2-Trichloroethane	83	17.949	17.944	0.005	95	578223	15.0	14.8	
68 Tetrachloroethene	166	18.179	18.179	0.000	97	1052353	15.0	14.8	
69 2-Hexanone	43	18.340	18.340	0.000	97	1013557	15.0	16.7	
70 Chlorodibromomethane	129	18.719	18.720	-0.001	98	1232903	15.0	15.4	
71 Ethylene Dibromide	107	18.976	18.976	0.000	98	1081926	15.0	15.5	
* 73 Chlorobenzene-d5	117	19.902	19.902	0.000	84	1243861	10.0	10.0	
74 Chlorobenzene	112	19.966	19.966	0.000	96	1685214	15.0	14.7	
S 80 Xylenes, Total	106				0		45.0	48.7	
75 Ethylbenzene	91	20.148	20.148	0.000	98	2674996	15.0	15.9	
76 m-Xylene & p-Xylene	106	20.405	20.399	0.006	0	2143611	30.0	32.2	
77 n-Nonane	57	20.437	20.437	0.000	87	1308304	15.0	16.5	
78 o-Xylene	106	21.111	21.111	0.000	99	1009697	15.0	16.5	
79 Styrene	104	21.138	21.138	0.000	98	1727984	15.0	16.9	
81 Bromoform	173	21.464	21.464	0.000	99	1294108	15.0	15.6	
82 Isopropylbenzene	105	21.726	21.726	0.000	98	3061743	15.0	16.7	
83 1,1,2,2-Tetrachloroethane	83	22.186	22.186	0.000	98	1533503	15.0	14.6	
84 1,2,3-Trichloropropane	75	22.293	22.288	0.005	98	1196022	15.0	14.5	
85 N-Propylbenzene	91	22.389	22.390	-0.001	100	3714018	15.0	16.0	
86 2-Chlorotoluene	91	22.539	22.539	0.000	97	2545880	15.0	15.6	
87 4-Ethyltoluene	105	22.571	22.566	0.005	98	3103604	15.0	16.3	
88 1,3,5-Trimethylbenzene	105	22.652	22.652	0.000	94	2581139	15.0	16.1	
89 n-Decane	57	22.662	22.662	0.000	92	1739832	15.0	15.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.962	22.962	0.000	90	1407323	15.0	17.0	
91 tert-Butylbenzene	119	23.117	23.112	0.005	95	2591744	15.0	16.3	
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	97	2628659	15.0	16.5	
93 sec-Butylbenzene	105	23.433	23.433	0.000	99	3908911	15.0	16.3	
94 1,3-Dichlorobenzene	146	23.625	23.625	0.000	96	1906791	15.0	15.3	
95 4-Isopropyltoluene	119	23.647	23.647	0.000	98	3420288	15.0	16.8	
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	96	1918857	15.0	15.5	
97 Benzyl chloride	91	23.919	23.925	-0.006	100	2289518	15.0	16.4	
98 n-Butylbenzene	91	24.251	24.246	0.005	98	3157483	15.0	17.2	
99 1,2-Dichlorobenzene	146	24.310	24.310	0.000	98	1833136	15.0	15.3	
100 Undecane	57	24.379	24.380	-0.001	94	1992419	15.0	15.1	
101 Dodecane	57	26.129	26.129	0.000	98	1916724	15.0	15.5	
102 1,2,4-Trichlorobenzene	180	27.022	27.022	0.000	94	1691262	17.6	19.3	
103 Hexachlorobutadiene	225	27.295	27.295	0.000	96	1624153	16.9	16.7	
104 Naphthalene	128	27.579	27.579	0.000	100	3665770	17.8	21.9	
105 1,2,3-Trichlorobenzene	180	28.055	28.055	0.000	96	1614314	17.5	18.6	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL5w_00153	Amount Added: 200.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

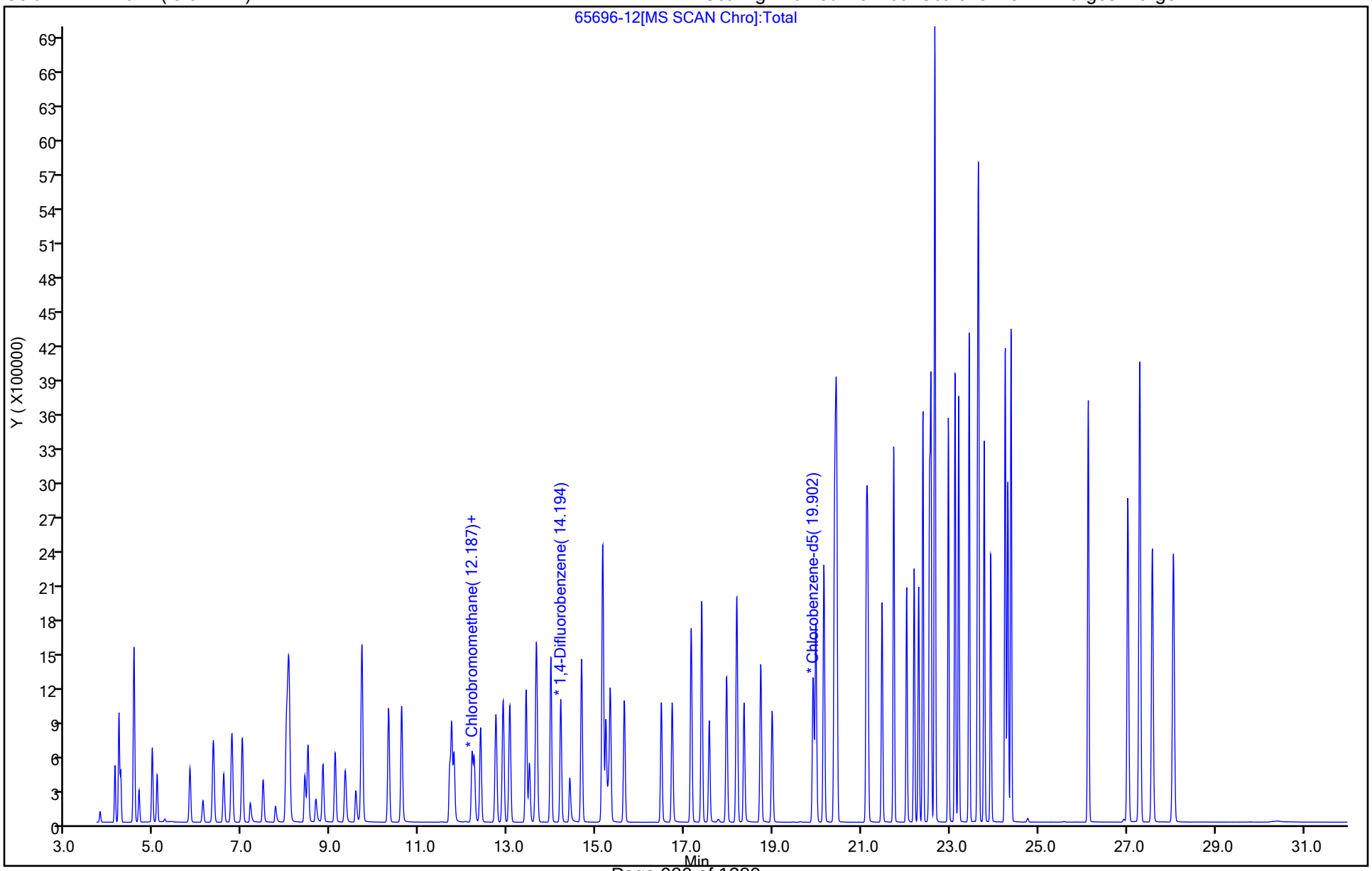
Report Date: 24-Jun-2025 08:22:52 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-12.d

Injection Date:	23-Jun-2025 23:49:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	IC			Worklist Smp#:	12
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	TO15_TO3_MasterMethod_W	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\CHW.i\20250623-65696.b\65696-14.d
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 24-Jun-2025 01:34:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065696-014
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 24-Jun-2025 08:22:53 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: F7XK Date: 24-Jun-2025 13:36:56

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	4.115	4.104	0.011	97	454570	20.0	20.4	
2 Dichlorodifluoromethane	85	4.200	4.195	0.005	99	1533035	20.0	20.3	
3 Chlorodifluoromethane	51	4.238	4.233	0.005	97	873793	20.0	20.0	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.537	4.538	-0.001	97	1662755	20.0	19.6	
5 Chloromethane	50	4.650	4.650	0.000	99	529849	20.0	20.0	
6 Vinyl chloride	62	4.939	4.944	-0.005	100	459045	20.0	17.7	
7 Butane	43	4.944	4.949	-0.005	99	616391	20.0	19.3	
8 Butadiene	54	5.051	5.056	-0.005	92	324398	20.0	17.7	
9 Bromomethane	94	5.789	5.800	-0.011	99	640208	20.0	19.9	
10 Chloroethane	64	6.083	6.089	-0.006	99	358763	20.0	20.1	
12 2-Methylbutane	43	6.314	6.330	-0.016	92	686289	20.0	20.4	
13 Vinyl bromide	106	6.549	6.565	-0.016	99	639654	20.0	20.5	
14 Trichlorofluoromethane	101	6.731	6.752	-0.021	98	1540185	20.0	19.8	
15 Pentane	43	6.966	6.982	-0.016	96	1051732	20.0	21.1	
16 Ethanol	45	7.137	7.175	-0.038	98	587533	40.0	42.8	
18 Ethyl ether	59	7.432	7.464	-0.032	90	462891	20.0	22.1	
19 Acrolein	56	7.715	7.742	-0.027	95	264132	23.4	23.9	
20 1,1-Dichloroethene	96	7.961	7.983	-0.022	96	696759	20.0	20.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.009	8.031	-0.022	98	1442663	20.0	19.8	
22 Acetone	43	8.031	8.063	-0.032	96	816816	20.0	20.2	
23 Isopropyl alcohol	45	8.373	8.411	-0.038	100	975456	23.2	23.1	
24 Carbon disulfide	76	8.453	8.475	-0.022	98	2015841	20.0	20.6	
25 Acetonitrile	41	8.625	8.657	-0.032	100	467630	20.0	20.7	
26 3-Chloro-1-propene	41	8.790	8.812	-0.022	94	739442	20.0	21.0	
27 Methylene Chloride	49	9.063	9.090	-0.027	90	710888	20.0	19.8	
28 2-Methyl-2-propanol	59	9.288	9.326	-0.038	100	1187337	20.0	20.6	
29 Acrylonitrile	53	9.529	9.561	-0.032	95	479506	20.0	23.2	
31 Methyl tert-butyl ether	73	9.668	9.695	-0.027	97	1874780	20.0	22.2	
30 trans-1,2-Dichloroethene	61	9.673	9.695	-0.022	95	950864	20.0	20.7	
S 35 1,2-Dichloroethene, Total	61				0		40.0	41.7	
32 Hexane	57	10.278	10.299	-0.021	89	1084100	20.0	22.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.567	10.588	-0.021	99	1227334	20.0	19.9	
34 Vinyl acetate	43	10.572	10.599	-0.027	99	1361272	22.8	25.5	
36 2-Butanone (MEK)	72	11.658	11.685	-0.027	98	365452	20.0	22.2	
37 cis-1,2-Dichloroethene	96	11.706	11.728	-0.022	87	796716	20.0	21.0	
38 Ethyl acetate	88	11.760	11.781	-0.021	99	70480	20.0	21.1	
* 39 Chlorobromomethane	128	12.166	12.188	-0.022	86	272687	10.0	10.0	
40 Tetrahydrofuran	42	12.214	12.241	-0.027	91	713657	20.0	21.3	
41 Chloroform	83	12.359	12.380	-0.021	95	1390452	20.0	20.1	
42 1,1,1-Trichloroethane	97	12.706	12.728	-0.022	98	1375144	20.0	19.8	
43 Cyclohexane	84	12.872	12.888	-0.016	96	1024756	20.0	22.2	
44 Carbon tetrachloride	117	13.022	13.038	-0.016	99	1474032	20.0	20.7	
45 Benzene	78	13.391	13.407	-0.016	94	2258549	20.0	20.4	
46 1,2-Dichloroethane	62	13.466	13.488	-0.022	93	823320	20.0	20.4	
47 Isooctane	57	13.627	13.643	-0.016	100	3549712	20.0	22.2	
48 n-Heptane	43	13.958	13.969	-0.011	88	1193467	20.0	22.5	
* 49 1,4-Difluorobenzene	114	14.178	14.194	-0.016	93	1386265	10.0	10.0	
50 n-Butanol	56	14.381	14.402	-0.021	85	498801	20.0	20.6	
51 Trichloroethene	95	14.654	14.665	-0.011	98	1006760	20.0	19.4	
53 1,2-Dichloropropane	63	15.130	15.146	-0.016	78	836181	20.0	20.3	
54 Methyl methacrylate	69	15.205	15.216	-0.011	95	838691	20.0	22.4	M
55 1,4-Dioxane	88	15.258	15.274	-0.016	91	448830	20.0	20.7	
57 Dibromomethane	174	15.301	15.312	-0.011	93	1032147	20.0	20.0	
58 Dichlorobromomethane	83	15.622	15.633	-0.011	98	1522075	20.0	20.6	
59 cis-1,3-Dichloropropene	75	16.457	16.467	-0.010	89	1392626	20.0	22.4	
61 4-Methyl-2-pentanone (MIBK)	43	16.703	16.714	-0.011	94	1463233	20.0	22.3	
62 Toluene	92	17.136	17.147	-0.011	93	1660891	20.0	22.3	
A 63 Toluene Range	1	17.168	(17.072-17.265)		0	6370227	NC	NC	
64 n-Octane	43	17.377	17.382	-0.005	89	1700974	20.0	23.1	
A 65 C8 Range	1	17.388	(17.297-17.479)		0	6899985	NC	NC	
66 trans-1,3-Dichloropropene	75	17.548	17.553	-0.005	95	1116698	20.0	22.4	
67 1,1,2-Trichloroethane	83	17.938	17.944	-0.006	96	795390	20.0	20.6	
68 Tetrachloroethene	166	18.168	18.179	-0.011	98	1453157	20.0	20.6	
69 2-Hexanone	43	18.334	18.340	-0.006	97	1403716	20.0	23.3	
70 Chlorodibromomethane	129	18.714	18.720	-0.006	98	1700864	20.0	21.4	
71 Ethylene Dibromide	107	18.971	18.976	-0.005	99	1491504	20.0	21.5	
* 73 Chlorobenzene-d5	117	19.896	19.902	-0.006	85	1233402	10.0	10.0	
74 Chlorobenzene	112	19.961	19.966	-0.005	96	2315908	20.0	20.4	
S 80 Xylenes, Total	106				0		60.0	67.3	
75 Ethylbenzene	91	20.143	20.148	-0.005	97	3673977	20.0	22.0	
76 m-Xylene & p-Xylene	106	20.394	20.399	-0.005	0	2930923	40.0	44.4	
77 n-Nonane	57	20.431	20.437	-0.006	88	1784491	20.0	22.7	
78 o-Xylene	106	21.105	21.111	-0.006	99	1392886	20.0	22.9	
79 Styrene	104	21.138	21.138	0.000	98	2377406	20.0	23.4	
81 Bromoform	173	21.459	21.464	-0.005	99	1790328	20.0	21.7	
82 Isopropylbenzene	105	21.726	21.726	0.000	98	4210958	20.0	23.1	
83 1,1,2,2-Tetrachloroethane	83	22.186	22.186	0.000	98	2088629	20.0	20.1	
84 1,2,3-Trichloropropane	75	22.288	22.288	0.000	98	1643125	20.0	20.0	
85 N-Propylbenzene	91	22.384	22.390	-0.006	100	5080949	20.0	22.1	
86 2-Chlorotoluene	91	22.534	22.539	-0.005	97	3469828	20.0	21.5	
87 4-Ethyltoluene	105	22.566	22.566	0.000	98	4230672	20.0	22.4	
88 1,3,5-Trimethylbenzene	105	22.652	22.652	0.000	94	3507233	20.0	22.0	
89 n-Decane	57	22.662	22.662	0.000	92	2358477	20.0	21.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.962	22.962	0.000	90	1950429	20.0	23.8	
91 tert-Butylbenzene	119	23.112	23.112	0.000	95	3524032	20.0	22.3	
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	97	3611675	20.0	22.9	
93 sec-Butylbenzene	105	23.433	23.433	0.000	99	5349714	20.0	22.6	
94 1,3-Dichlorobenzene	146	23.625	23.625	0.000	97	2585053	20.0	20.9	
95 4-Isopropyltoluene	119	23.647	23.647	0.000	98	4664385	20.0	23.1	
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	96	2608323	20.0	21.3	
97 Benzyl chloride	91	23.919	23.925	-0.006	99	3122647	20.0	22.6	
98 n-Butylbenzene	91	24.246	24.246	0.000	98	4294111	20.0	23.5	
99 1,2-Dichlorobenzene	146	24.310	24.310	0.000	97	2493125	20.0	21.0	
100 Undecane	57	24.379	24.380	-0.001	94	2734209	20.0	21.0	
101 Dodecane	57	26.129	26.129	0.000	97	2685986	20.0	21.9	
102 1,2,4-Trichlorobenzene	180	27.022	27.022	0.000	94	2343104	23.5	26.9	
103 Hexachlorobutadiene	225	27.295	27.295	0.000	96	2245816	22.5	23.3	
104 Naphthalene	128	27.579	27.579	0.000	100	5010656	23.8	30.2	
105 1,2,3-Trichlorobenzene	180	28.055	28.055	0.000	96	2239616	23.3	26.0	
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:

ATTO15CAL6w_00244	Amount Added: 200.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

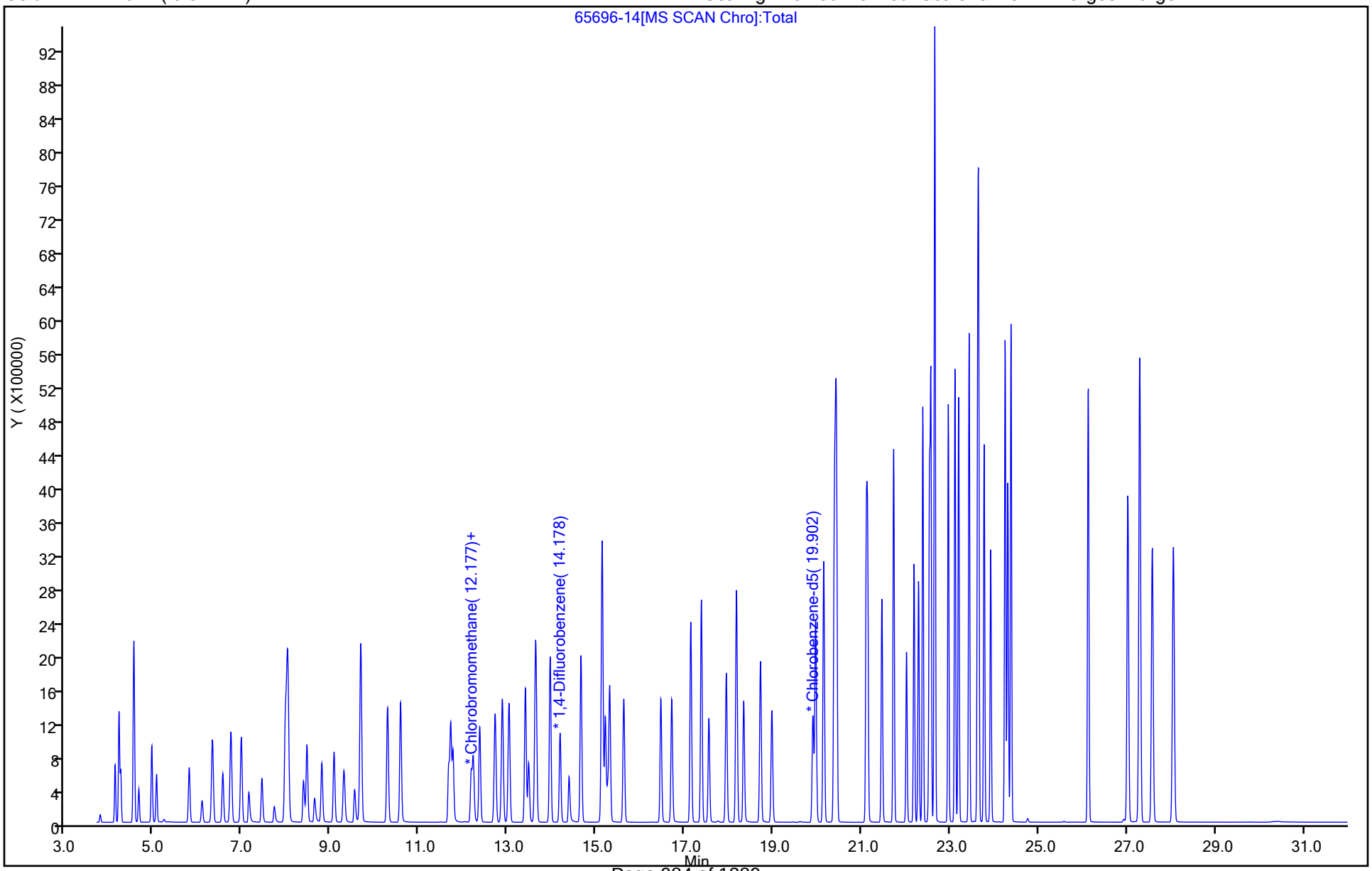
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-14.d

Injection Date:	24-Jun-2025 01:34:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	14
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

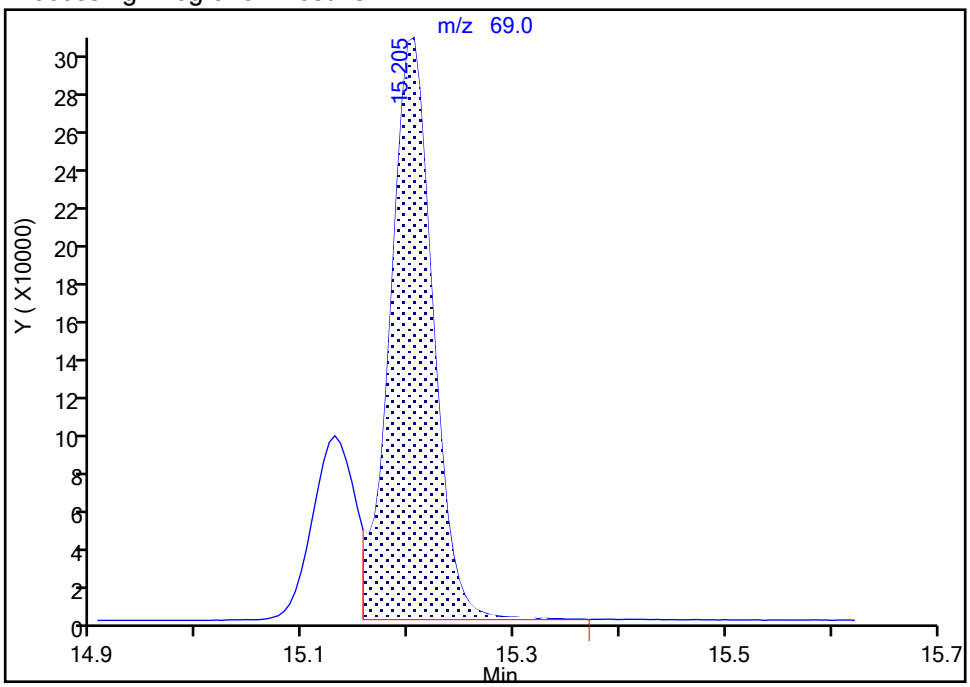
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Injection Date:	24-Jun-2025 01:34:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

54 Methyl methacrylate, CAS: 80-62-6

Signal: 1

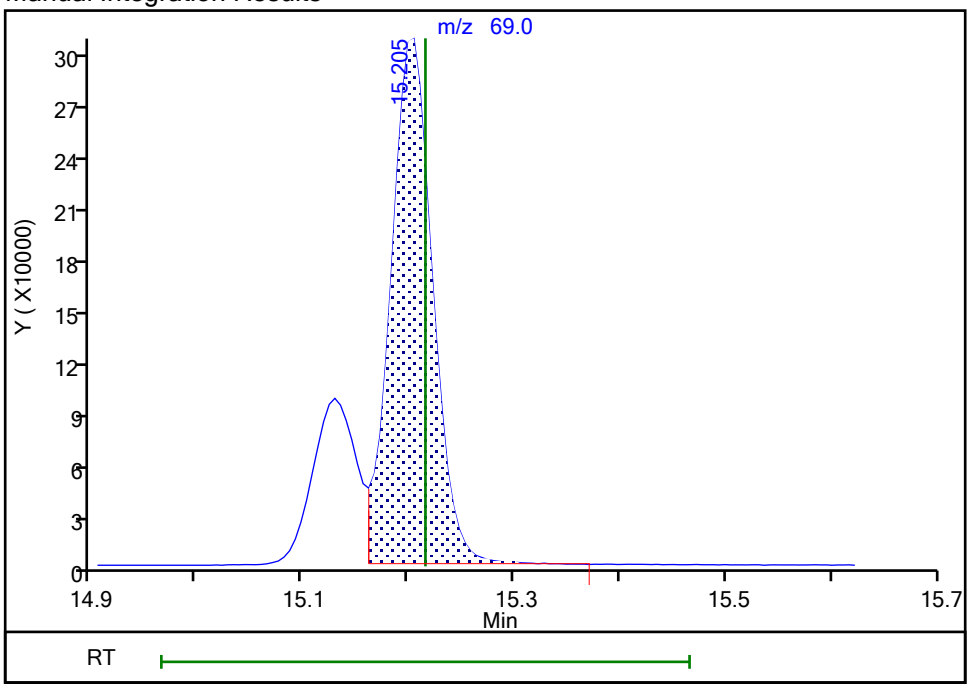
Processing Integration Results

RT: 15.20
Area: 855117
Amount: 22.715071
Amount Units: ppb v/v



Manual Integration Results

RT: 15.20
Area: 838691
Amount: 22.400850
Amount Units: ppb v/v



Reviewer: F7XK, 24-Jun-2025 13:36:42 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 24-Jun-2025 02:26:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065696-015
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 24-Jun-2025 08:22:55 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: F7XK Date: 24-Jun-2025 14:37:14

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	4.115	4.104	0.011	97	767761	40.0	36.0	
2 Dichlorodifluoromethane	85	4.200	4.195	0.005	99	2479290	40.0	34.3	
3 Chlorodifluoromethane	51	4.243	4.233	0.010	97	1453284	40.0	34.8	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.543	4.538	0.005	98	2715132	40.0	33.4	
5 Chloromethane	50	4.655	4.650	0.005	99	887677	40.0	35.1	
6 Vinyl chloride	62	4.955	4.944	0.011	100	771127	40.0	31.2	
7 Butane	43	4.955	4.949	0.006	97	1042592	40.0	34.1	
8 Butadiene	54	5.067	5.056	0.011	92	549036	40.0	31.4	
9 Bromomethane	94	5.811	5.800	0.011	99	1051273	40.0	34.2	
10 Chloroethane	64	6.100	6.089	0.011	99	595029	40.0	34.9	
12 2-Methylbutane	43	6.335	6.330	0.005	92	1138910	40.0	35.4	
13 Vinyl bromide	106	6.570	6.565	0.005	100	1062223	40.0	35.6	
14 Trichlorofluoromethane	101	6.758	6.752	0.006	98	2515820	40.0	33.9	
15 Pentane	43	6.993	6.982	0.011	97	1755421	40.0	36.9	
16 Ethanol	45	7.164	7.175	-0.011	98	1221427	100.0	93.1	
18 Ethyl ether	59	7.458	7.464	-0.006	89	769595	40.0	38.4	
19 Acrolein	56	7.737	7.742	-0.005	95	470120	46.8	44.6	
20 1,1-Dichloroethene	96	7.988	7.983	0.005	96	1141825	40.0	34.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.036	8.031	0.005	99	2348234	40.0	33.7	
22 Acetone	43	8.052	8.063	-0.011	96	1358831	40.0	35.2	
23 Isopropyl alcohol	45	8.400	8.411	-0.011	100	1665123	46.4	41.3	
24 Carbon disulfide	76	8.475	8.475	0.000	98	3299782	40.0	35.2	
25 Acetonitrile	41	8.651	8.657	-0.006	100	776558	40.0	36.0	
26 3-Chloro-1-propene	41	8.812	8.812	0.000	94	1252827	40.0	37.1	
27 Methylene Chloride	49	9.090	9.090	0.000	90	1171360	40.0	34.1	
28 2-Methyl-2-propanol	59	9.315	9.326	-0.011	100	2032073	40.0	36.9	
29 Acrylonitrile	53	9.555	9.561	-0.006	95	798928	40.0	40.4	
31 Methyl tert-butyl ether	73	9.689	9.695	-0.006	97	3151922	40.0	39.1	
30 trans-1,2-Dichloroethene	61	9.695	9.695	0.000	96	1559987	40.0	35.6	
S 35 1,2-Dichloroethene, Total	61				0		80.0	71.6	
32 Hexane	57	10.299	10.299	0.000	94	1802103	40.0	39.0	

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	10.593	10.588	0.005	99	2009594	40.0	34.1	
34 Vinyl acetate	43	10.593	10.599	-0.006	99	2398665	45.6	47.0	
36 2-Butanone (MEK)	72	11.679	11.685	-0.006	98	615239	40.0	39.1	
37 cis-1,2-Dichloroethene	96	11.727	11.728	-0.001	87	1306853	40.0	36.0	
38 Ethyl acetate	88	11.781	11.781	0.000	99	117903	40.0	36.9	
* 39 Chlorobromomethane	128	12.188	12.188	0.000	86	260772	10.0	10.0	
40 Tetrahydrofuran	42	12.230	12.241	-0.011	91	1198948	40.0	37.5	
41 Chloroform	83	12.380	12.380	0.000	95	2288373	40.0	34.5	
42 1,1,1-Trichloroethane	97	12.728	12.728	0.000	98	2269721	40.0	34.4	
43 Cyclohexane	84	12.894	12.888	0.006	96	1711897	40.0	38.9	
44 Carbon tetrachloride	117	13.043	13.038	0.005	99	2438856	40.0	36.0	
45 Benzene	78	13.413	13.407	0.006	95	3746215	40.0	35.6	
46 1,2-Dichloroethane	62	13.487	13.488	-0.001	94	1365105	40.0	35.6	
47 Isooctane	57	13.643	13.643	0.000	100	5888316	40.0	38.7	
48 n-Heptane	43	13.969	13.969	0.000	89	1983210	40.0	39.3	
* 49 1,4-Difluorobenzene	114	14.194	14.194	0.000	94	1319463	10.0	10.0	
50 n-Butanol	56	14.392	14.402	-0.010	85	883425	40.0	38.4	
51 Trichloroethene	95	14.664	14.665	-0.001	98	1664244	40.0	33.7	
53 1,2-Dichloropropane	63	15.146	15.146	0.000	86	1371228	40.0	35.0	
54 Methyl methacrylate	69	15.215	15.216	-0.001	98	1428319	40.0	40.1	
55 1,4-Dioxane	88	15.269	15.274	-0.005	91	735084	40.0	35.7	
57 Dibromomethane	174	15.312	15.312	0.000	93	1694298	40.0	34.5	
58 Dichlorobromomethane	83	15.633	15.633	0.000	98	2513338	40.0	35.7	
59 cis-1,3-Dichloropropene	75	16.467	16.467	0.000	89	2364633	40.0	40.0	
61 4-Methyl-2-pentanone (MIBK)	43	16.713	16.714	-0.001	94	2485457	40.0	39.8	
62 Toluene	92	17.147	17.147	0.000	93	2764119	40.0	38.5	
A 63 Toluene Range	1	17.168	(17.072-17.265)		0	10599766	NC	NC	
64 n-Octane	43	17.382	17.382	0.000	89	2825523	40.0	40.3	
A 65 C8 Range	1	17.388	(17.297-17.479)		0	11420115	NC	NC	
66 trans-1,3-Dichloropropene	75	17.553	17.553	0.000	95	1901790	40.0	40.0	
67 1,1,2-Trichloroethane	83	17.944	17.944	0.000	96	1321522	40.0	35.4	
68 Tetrachloroethene	166	18.179	18.179	0.000	94	2392649	40.0	35.1	
69 2-Hexanone	43	18.340	18.340	0.000	97	2410558	40.0	41.4	
70 Chlorodibromomethane	129	18.720	18.720	0.000	98	2831379	40.0	36.9	
71 Ethylene Dibromide	107	18.976	18.976	0.000	99	2498522	40.0	37.3	
* 73 Chlorobenzene-d5	117	19.902	19.902	0.000	83	1190165	10.0	10.0	
74 Chlorobenzene	112	19.966	19.966	0.000	97	3823040	40.0	34.8	
S 80 Xylenes, Total	106				0		120.0	114.6	
75 Ethylbenzene	91	20.148	20.148	0.000	97	6091952	40.0	37.8	
76 m-Xylene & p-Xylene	106	20.405	20.399	0.006	0	4797969	80.0	75.3	
77 n-Nonane	57	20.437	20.437	0.000	87	2927606	40.0	38.6	
78 o-Xylene	106	21.111	21.111	0.000	99	2305714	40.0	39.3	
79 Styrene	104	21.143	21.138	0.005	98	3909866	40.0	39.9	
81 Bromoform	173	21.464	21.464	0.000	99	3003615	40.0	37.7	
82 Isopropylbenzene	105	21.726	21.726	0.000	98	6982243	40.0	39.7	
83 1,1,2,2-Tetrachloroethane	83	22.186	22.186	0.000	98	3460141	40.0	34.5	
84 1,2,3-Trichloropropane	75	22.293	22.288	0.005	98	2722156	40.0	34.4	
85 N-Propylbenzene	91	22.389	22.390	-0.001	100	8347805	40.0	37.7	
86 2-Chlorotoluene	91	22.539	22.539	0.000	96	5731964	40.0	36.8	
87 4-Ethyltoluene	105	22.571	22.566	0.005	98	6955187	40.0	38.2	
88 1,3,5-Trimethylbenzene	105	22.652	22.652	0.000	95	5712572	40.0	37.1	
89 n-Decane	57	22.662	22.662	0.000	92	3800218	40.0	36.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.962	22.962	0.000	90	3251969	40.0	41.2	
91 tert-Butylbenzene	119	23.117	23.112	0.005	95	5801081	40.0	38.0	
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	97	5940960	40.0	39.0	
93 sec-Butylbenzene	105	23.433	23.433	0.000	99	8737927	40.0	38.2	
94 1,3-Dichlorobenzene	146	23.625	23.625	0.000	97	4211892	40.0	35.2	
95 4-Isopropyltoluene	119	23.647	23.647	0.000	98	7565115	40.0	38.8	
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	96	4302833	40.0	36.3	
97 Benzyl chloride	91	23.919	23.925	-0.006	100	5300592	40.0	39.8	
98 n-Butylbenzene	91	24.251	24.246	0.005	98	7070009	40.0	40.1	
99 1,2-Dichlorobenzene	146	24.310	24.310	0.000	97	4077614	40.0	35.5	
100 Undecane	57	24.379	24.380	-0.001	94	4443440	40.0	35.3	
101 Dodecane	57	26.129	26.129	0.000	97	4340861	40.0	36.7	
102 1,2,4-Trichlorobenzene	180	27.022	27.022	0.000	94	3986668	46.9	47.5	
103 Hexachlorobutadiene	225	27.295	27.295	0.000	97	3676797	45.0	39.6	
104 Naphthalene	128	27.579	27.579	0.000	99	8465921	47.6	52.8	
105 1,2,3-Trichlorobenzene	180	28.055	28.055	0.000	96	3721911	46.6	44.7	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL7w_00154	Amount Added: 200.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

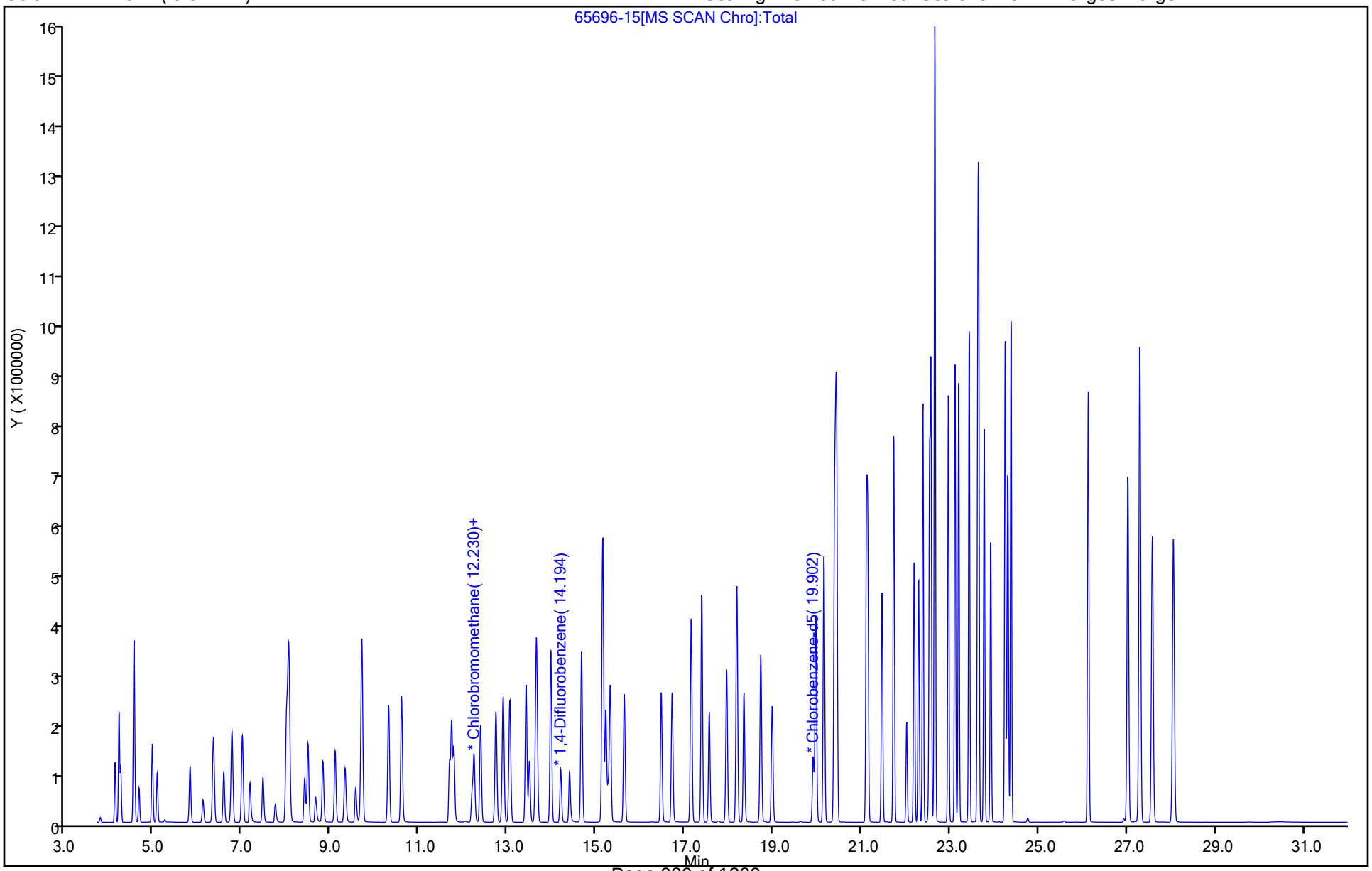
Report Date: 24-Jun-2025 08:22:55 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Injection Date:	24-Jun-2025 02:26:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	15
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	TO15_TO3_MasterMethod_W	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

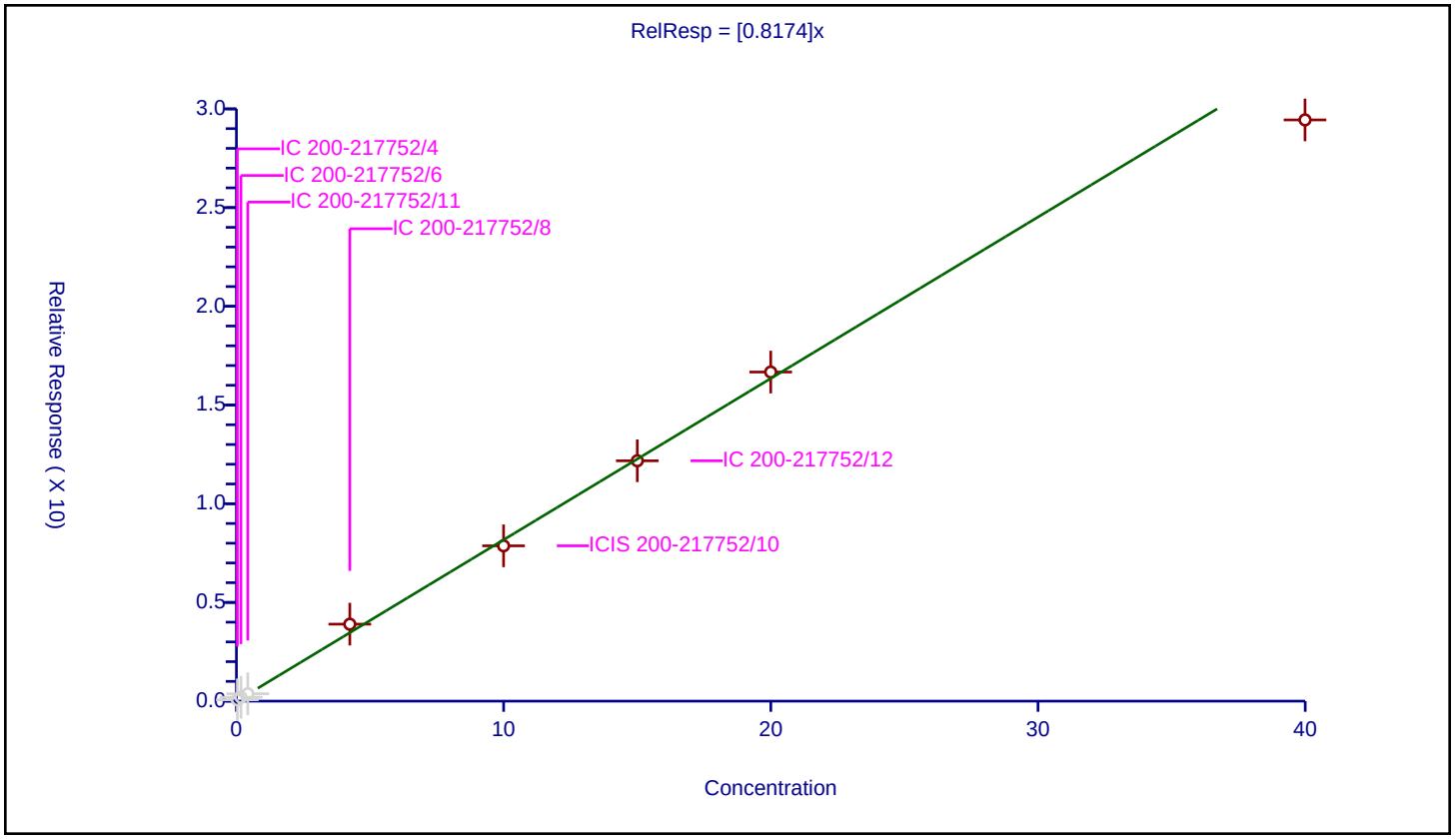
Curve Coefficients

Intercept:	0
Slope:	0.8174

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.067407	10.0	286470.0	1.921681	N
2	IC 200-217752/6	0.170374	0.194964	10.0	259176.0	1.144332	N
3	IC 200-217752/11	0.425385	0.374227	10.0	262087.0	0.879738	N
4	IC 200-217752/8	4.243678	3.898985	10.0	240460.0	0.918775	Y
5	ICIS 200-217752/10	9.99806	7.867228	10.0	275149.0	0.786875	Y
6	IC 200-217752/12	15.003557	12.174826	10.0	273953.0	0.811463	Y
7	IC 200-217752/14	19.99612	16.670028	10.0	272687.0	0.833663	Y
8	IC 200-217752/15	39.99224	29.44185	10.0	260772.0	0.736189	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

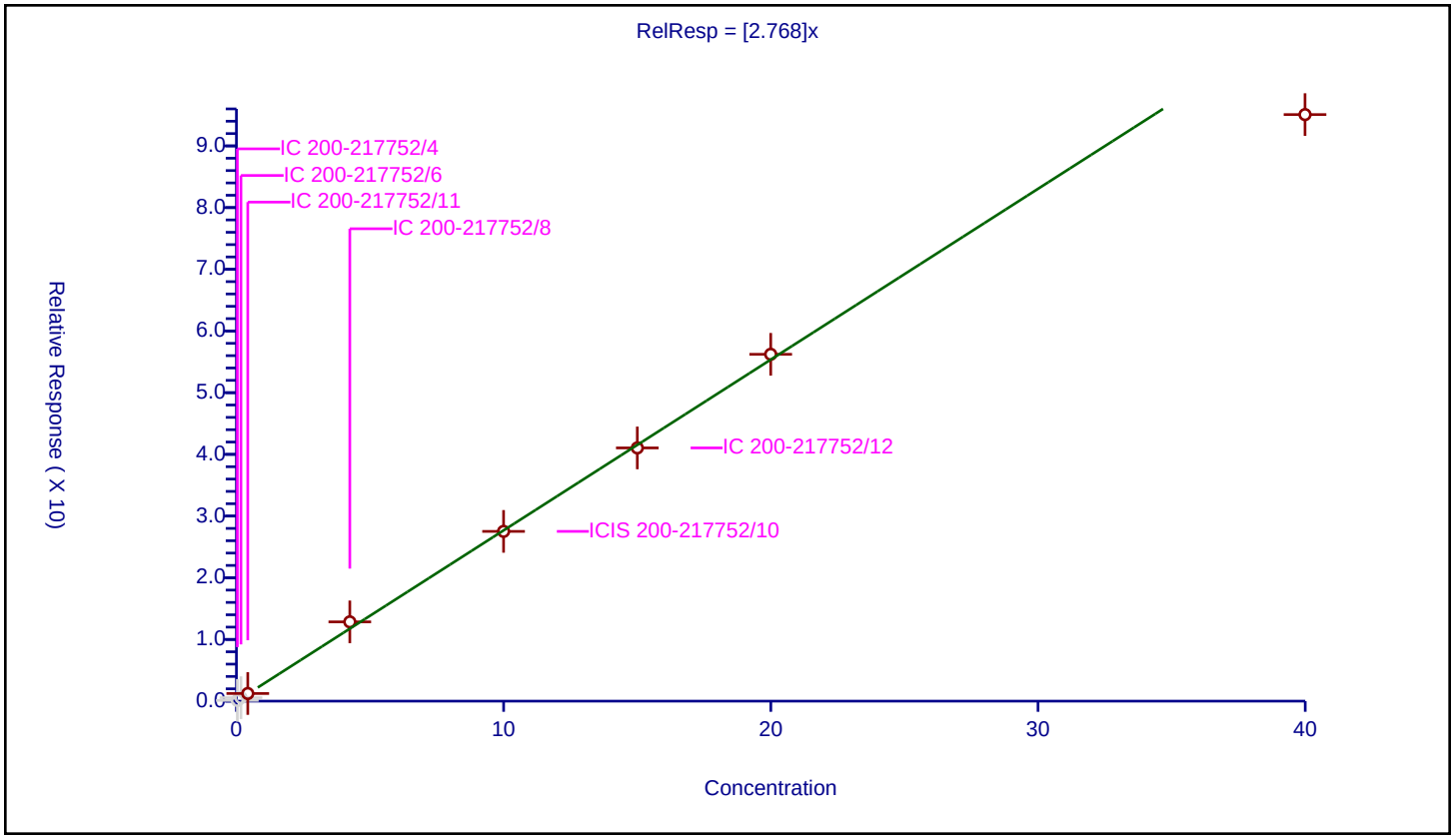
Curve Coefficients

Intercept:	0
Slope:	2.768

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.118826	10.0	286470.0	3.387573	N
2	IC 200-217752/6	0.170374	0.561665	10.0	259176.0	3.296663	N
3	IC 200-217752/11	0.425385	1.235353	10.0	262087.0	2.904085	Y
4	IC 200-217752/8	4.243678	12.851036	10.0	240460.0	3.028277	Y
5	ICIS 200-217752/10	9.99806	27.51451	10.0	275149.0	2.751985	Y
6	IC 200-217752/12	15.003557	41.045398	10.0	273953.0	2.735711	Y
7	IC 200-217752/14	19.99612	56.219585	10.0	272687.0	2.811525	Y
8	IC 200-217752/15	39.99224	95.075008	10.0	260772.0	2.377336	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

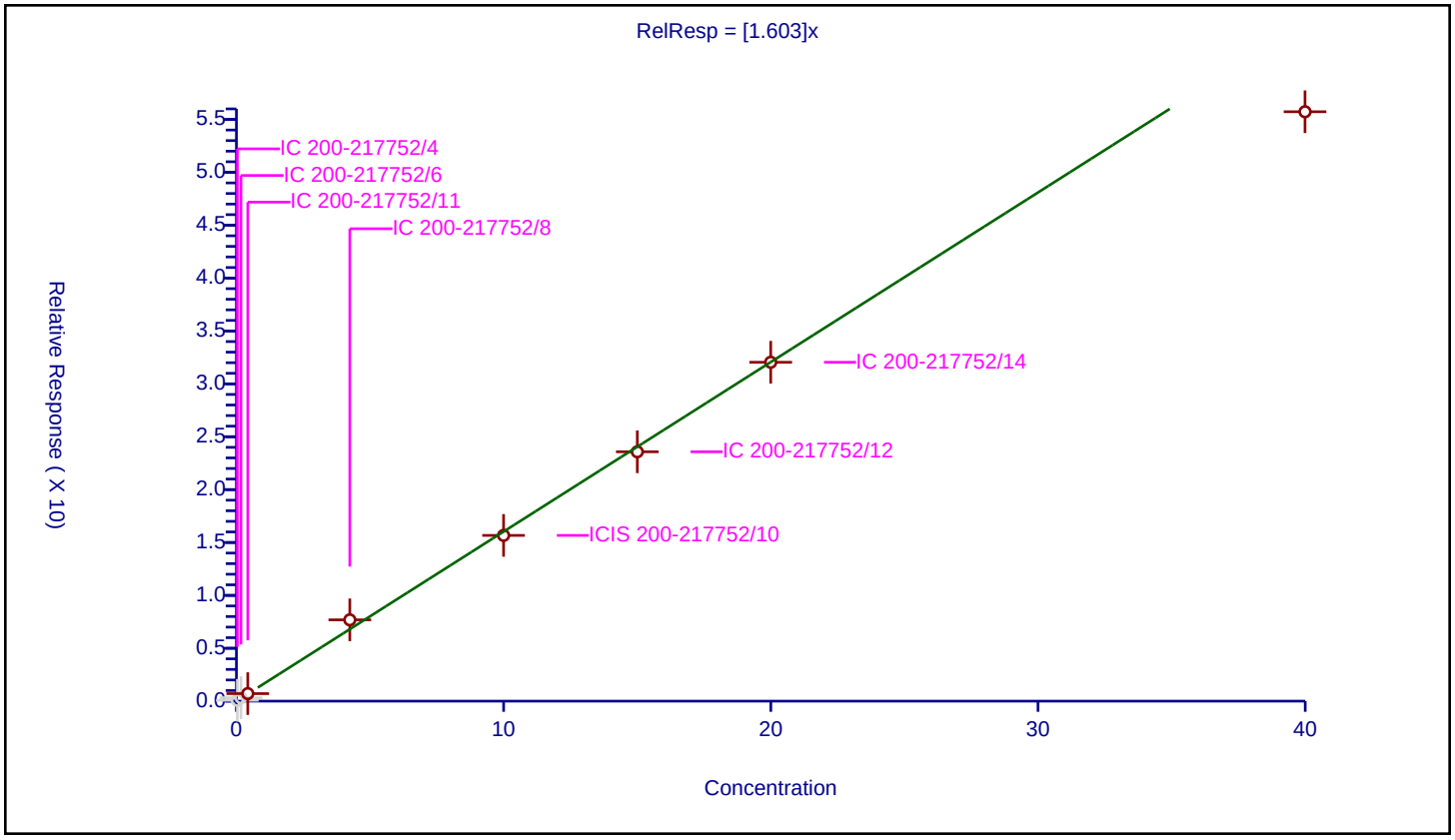
Curve Coefficients

Intercept:	0
Slope:	1.603

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.079904	10.0	286470.0	2.277954	N
2	IC 200-217752/6	0.170374	0.326149	10.0	259176.0	1.914315	N
3	IC 200-217752/11	0.425385	0.71171	10.0	262087.0	1.673098	Y
4	IC 200-217752/8	4.243678	7.68631	10.0	240460.0	1.811238	Y
5	ICIS 200-217752/10	9.99806	15.670382	10.0	275149.0	1.567342	Y
6	IC 200-217752/12	15.003557	23.577183	10.0	273953.0	1.57144	Y
7	IC 200-217752/14	19.99612	32.043808	10.0	272687.0	1.602501	Y
8	IC 200-217752/15	39.99224	55.730063	10.0	260772.0	1.393522	Y



Calibration / 1,2-Dichloro-1,1,2,2-tetrafluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

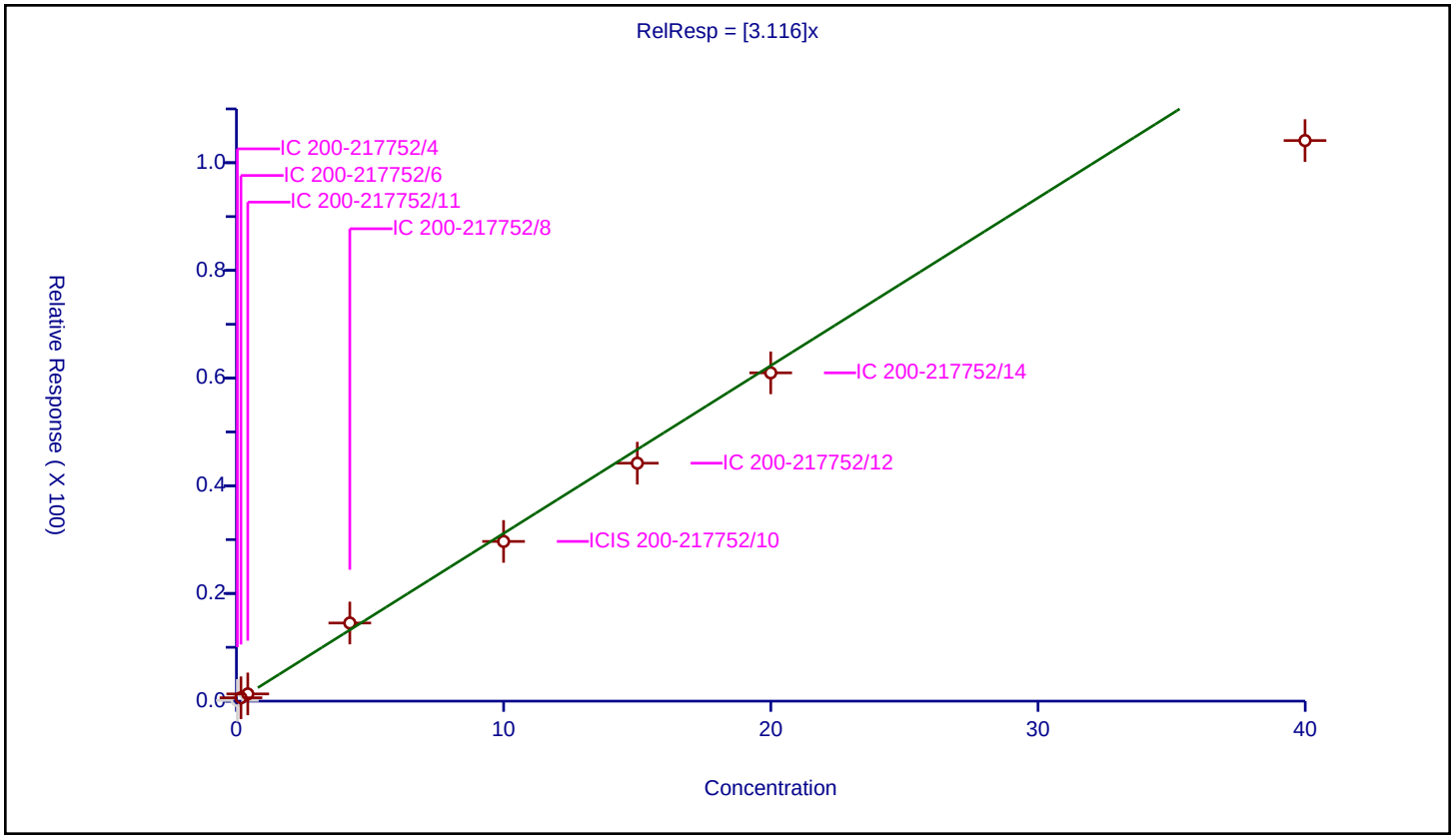
Curve Coefficients

Intercept:	0
Slope:	3.116

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.127064	10.0	286470.0	3.622434	N
2	IC 200-217752/6	0.170374	0.626022	10.0	259176.0	3.674408	Y
3	IC 200-217752/11	0.425385	1.340814	10.0	262087.0	3.152004	Y
4	IC 200-217752/8	4.243678	14.511935	10.0	240460.0	3.41966	Y
5	ICIS 200-217752/10	9.99806	29.661602	10.0	275149.0	2.966736	Y
6	IC 200-217752/12	15.003557	44.196085	10.0	273953.0	2.945707	Y
7	IC 200-217752/14	19.99612	60.976688	10.0	272687.0	3.049426	Y
8	IC 200-217752/15	39.99224	104.119001	10.0	260772.0	2.60348	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

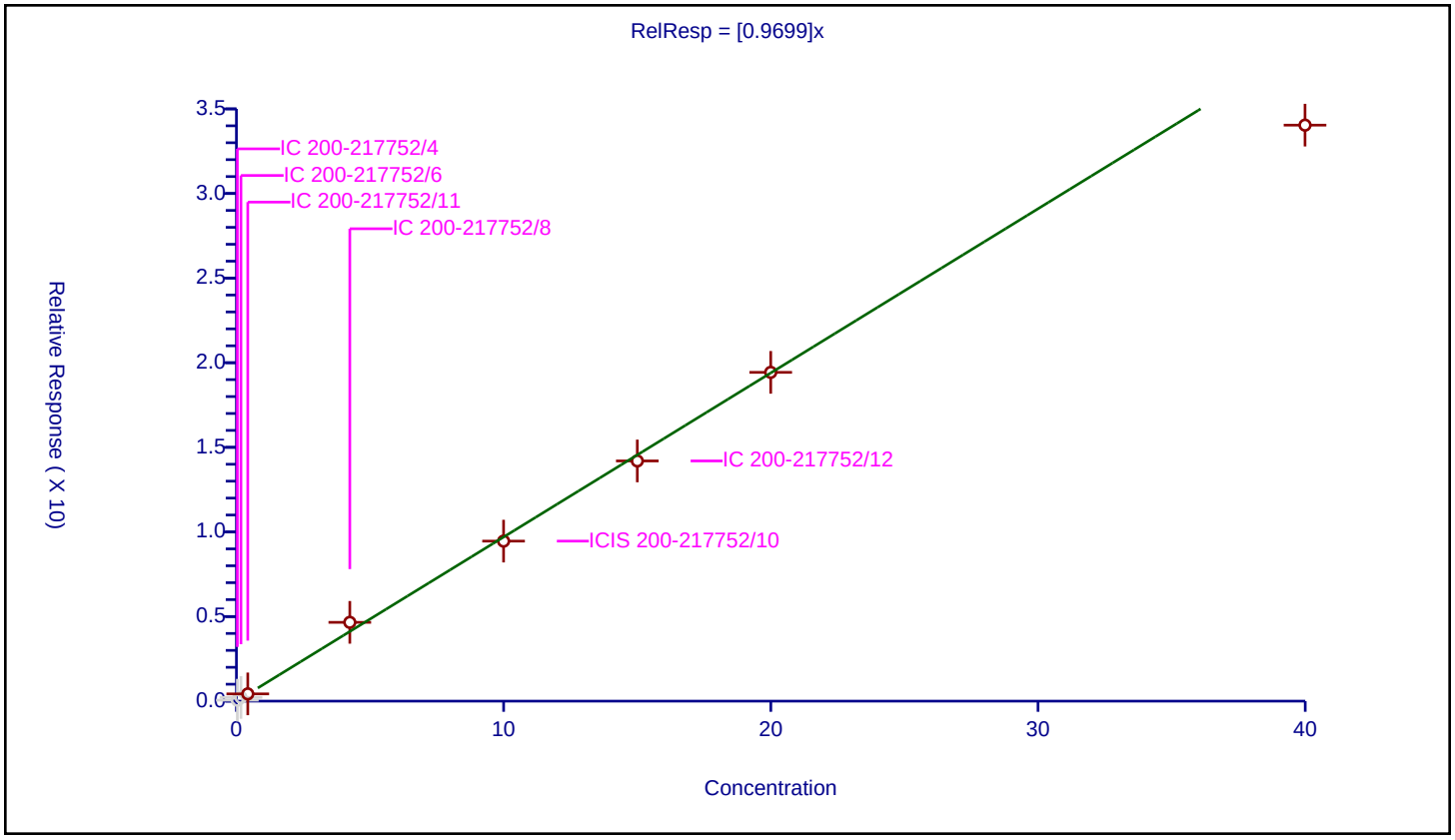
Curve Coefficients

Intercept:	0
Slope:	0.9699

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.055433	10.0	286470.0	1.580337	N
2	IC 200-217752/6	0.170374	0.21769	10.0	259176.0	1.27772	N
3	IC 200-217752/11	0.425385	0.428522	10.0	262087.0	1.007375	Y
4	IC 200-217752/8	4.243678	4.6567	10.0	240460.0	1.097326	Y
5	ICIS 200-217752/10	9.99806	9.456767	10.0	275149.0	0.94586	Y
6	IC 200-217752/12	15.003557	14.19426	10.0	273953.0	0.94606	Y
7	IC 200-217752/14	19.99612	19.430666	10.0	272687.0	0.971722	Y
8	IC 200-217752/15	39.99224	34.040349	10.0	260772.0	0.851174	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

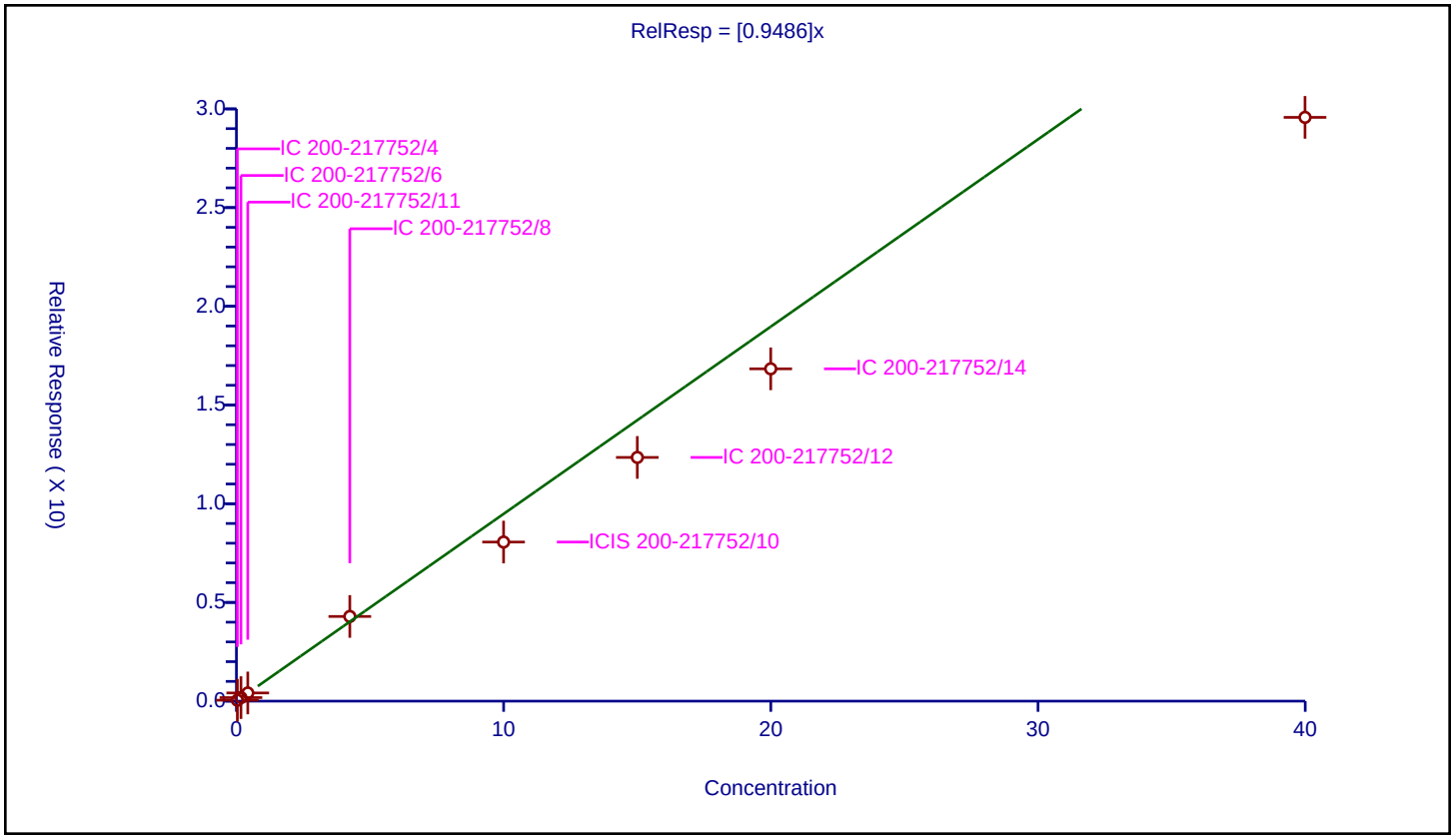
Curve Coefficients

Intercept:	0
Slope:	0.9486

Error Coefficients

Relative Standard Deviation:	20.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.04709	10.0	286470.0	1.34249	Y
2	IC 200-217752/6	0.170374	0.178797	10.0	259176.0	1.049443	Y
3	IC 200-217752/11	0.425385	0.414977	10.0	262087.0	0.975533	Y
4	IC 200-217752/8	4.243678	4.289944	10.0	240460.0	1.010902	Y
5	ICIS 200-217752/10	9.99806	8.058579	10.0	275149.0	0.806014	Y
6	IC 200-217752/12	15.003557	12.345694	10.0	273953.0	0.822851	Y
7	IC 200-217752/14	19.99612	16.834136	10.0	272687.0	0.84187	Y
8	IC 200-217752/15	39.99224	29.570928	10.0	260772.0	0.739417	Y



Calibration / Butane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

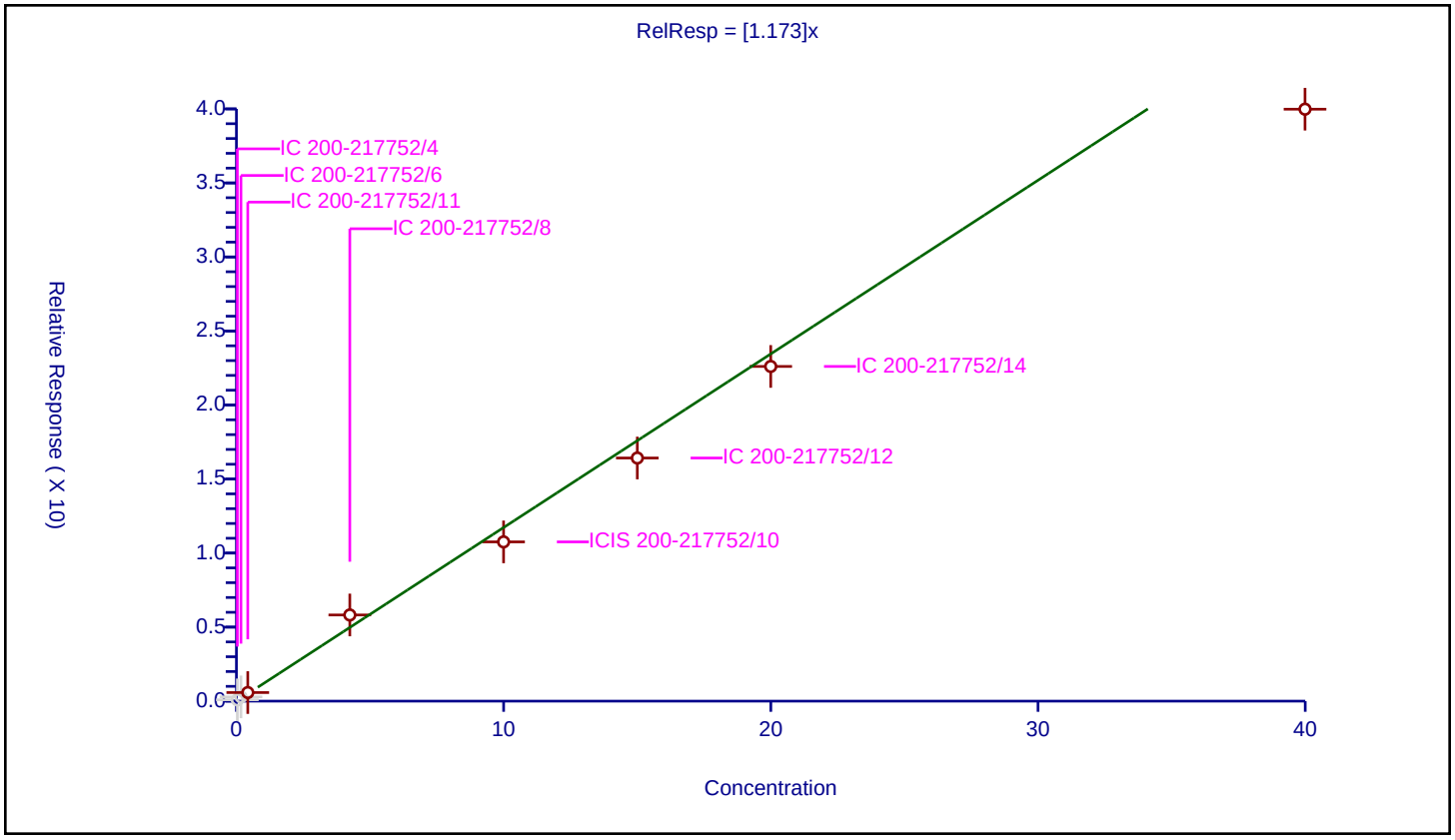
Curve Coefficients

Intercept:	0
Slope:	1.173

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.087409	10.0	286470.0	2.491916	N
2	IC 200-217752/6	0.170374	0.286871	10.0	259176.0	1.683773	N
3	IC 200-217752/11	0.425385	0.580227	10.0	262087.0	1.364006	Y
4	IC 200-217752/8	4.243678	5.820178	10.0	240460.0	1.371494	Y
5	ICIS 200-217752/10	9.99806	10.756536	10.0	275149.0	1.075862	Y
6	IC 200-217752/12	15.003557	16.421174	10.0	273953.0	1.094485	Y
7	IC 200-217752/14	19.99612	22.604341	10.0	272687.0	1.130436	Y
8	IC 200-217752/15	39.99224	39.98098	10.0	260772.0	0.999718	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

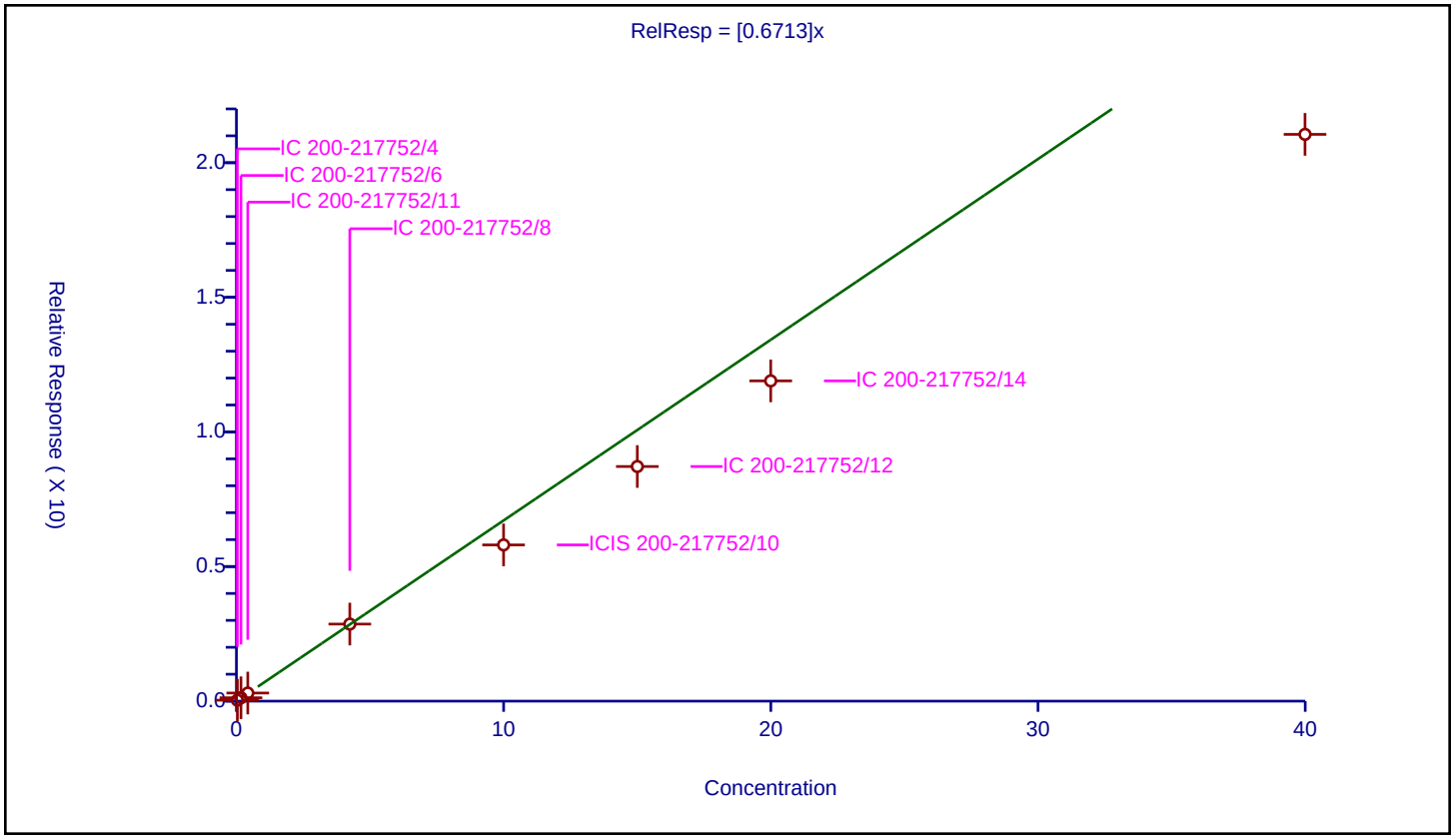
Curve Coefficients

Intercept:	0
Slope:	0.6713

Error Coefficients

Relative Standard Deviation:	20.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.03393	10.0	286470.0	0.967309	Y
2	IC 200-217752/6	0.170374	0.125475	10.0	259176.0	0.736467	Y
3	IC 200-217752/11	0.425385	0.301579	10.0	262087.0	0.708956	Y
4	IC 200-217752/8	4.243678	2.862846	10.0	240460.0	0.674614	Y
5	ICIS 200-217752/10	9.99806	5.803074	10.0	275149.0	0.58042	Y
6	IC 200-217752/12	15.003557	8.715692	10.0	273953.0	0.580908	Y
7	IC 200-217752/14	19.99612	11.89635	10.0	272687.0	0.594933	Y
8	IC 200-217752/15	39.99224	21.054254	10.0	260772.0	0.526458	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

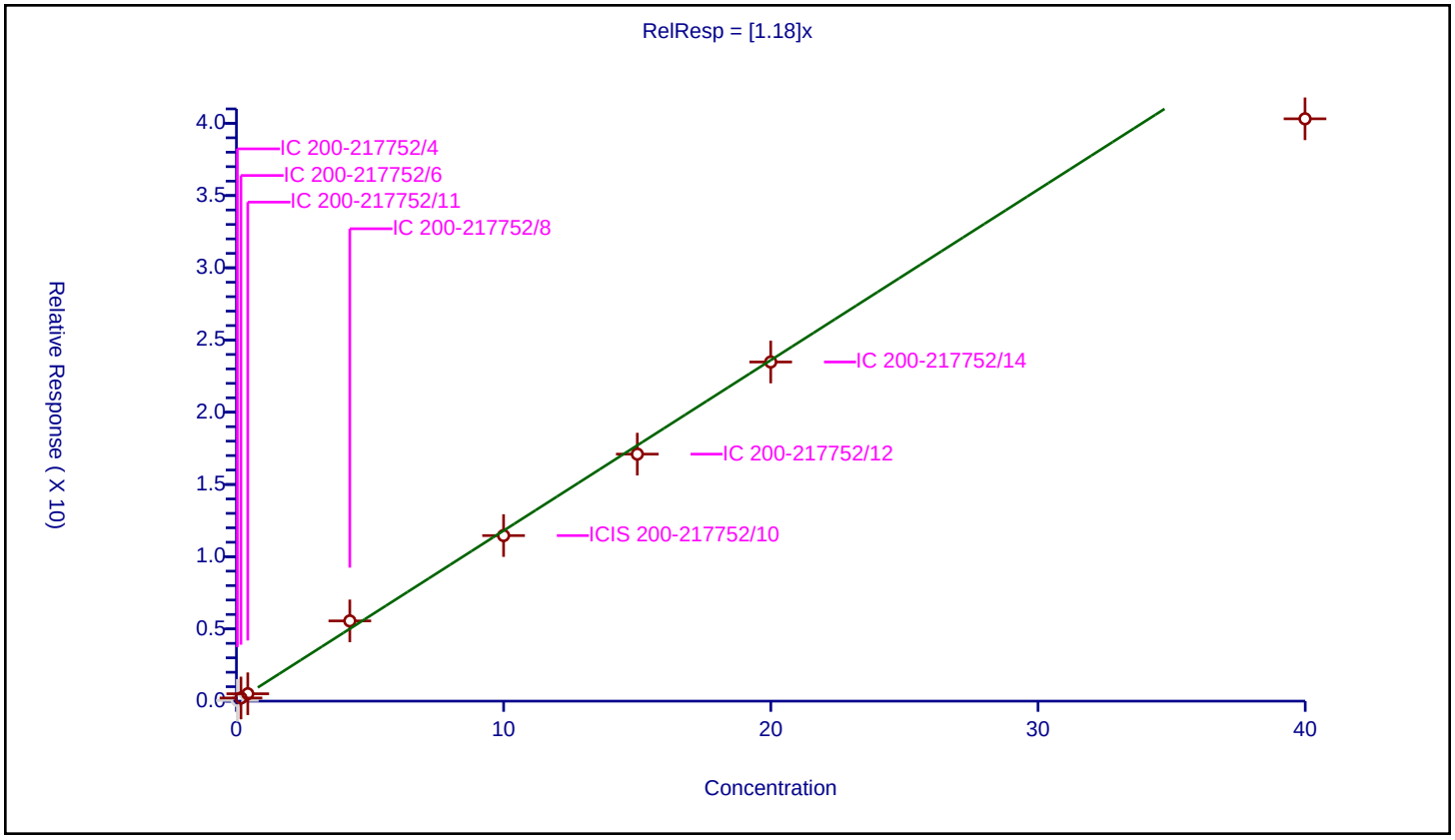
Curve Coefficients

Intercept:	0
Slope:	1.18

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.050791	10.0	286470.0	1.447979	N
2	IC 200-217752/6	0.170374	0.218693	10.0	259176.0	1.283608	Y
3	IC 200-217752/11	0.425385	0.511166	10.0	262087.0	1.201656	Y
4	IC 200-217752/8	4.243678	5.553606	10.0	240460.0	1.308677	Y
5	ICIS 200-217752/10	9.99806	11.462589	10.0	275149.0	1.146481	Y
6	IC 200-217752/12	15.003557	17.099831	10.0	273953.0	1.139718	Y
7	IC 200-217752/14	19.99612	23.47776	10.0	272687.0	1.174116	Y
8	IC 200-217752/15	39.99224	40.313876	10.0	260772.0	1.008042	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

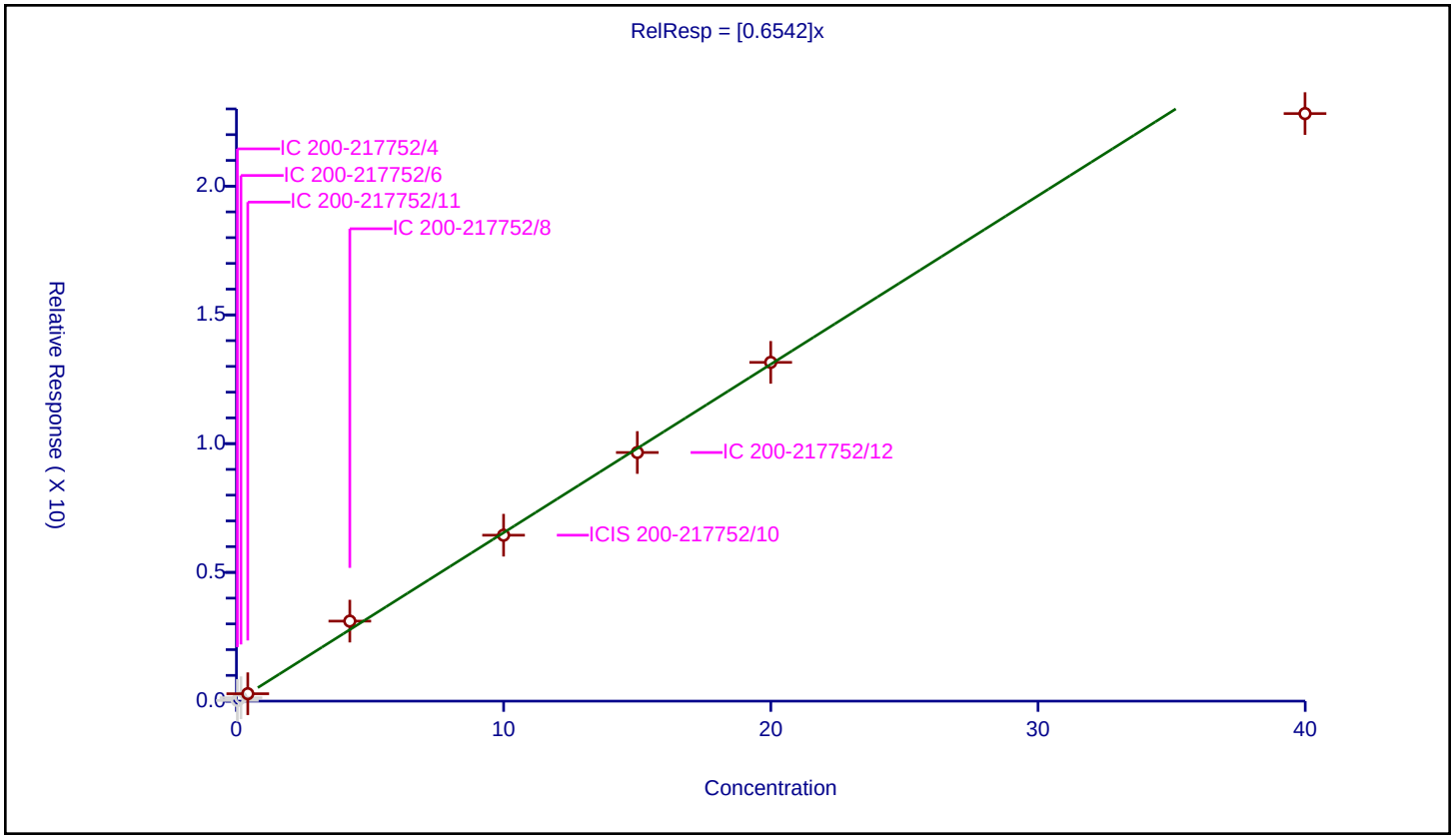
Curve Coefficients

Intercept:	0
Slope:	0.6542

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.027403	10.0	286470.0	0.781212	N
2	IC 200-217752/6	0.170374	0.132613	10.0	259176.0	0.778363	N
3	IC 200-217752/11	0.425385	0.287691	10.0	262087.0	0.676307	Y
4	IC 200-217752/8	4.243678	3.107918	10.0	240460.0	0.732364	Y
5	ICIS 200-217752/10	9.99806	6.444217	10.0	275149.0	0.644547	Y
6	IC 200-217752/12	15.003557	9.655707	10.0	273953.0	0.643561	Y
7	IC 200-217752/14	19.99612	13.156586	10.0	272687.0	0.657957	Y
8	IC 200-217752/15	39.99224	22.817979	10.0	260772.0	0.57056	Y



Calibration / 2-Methylbutane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

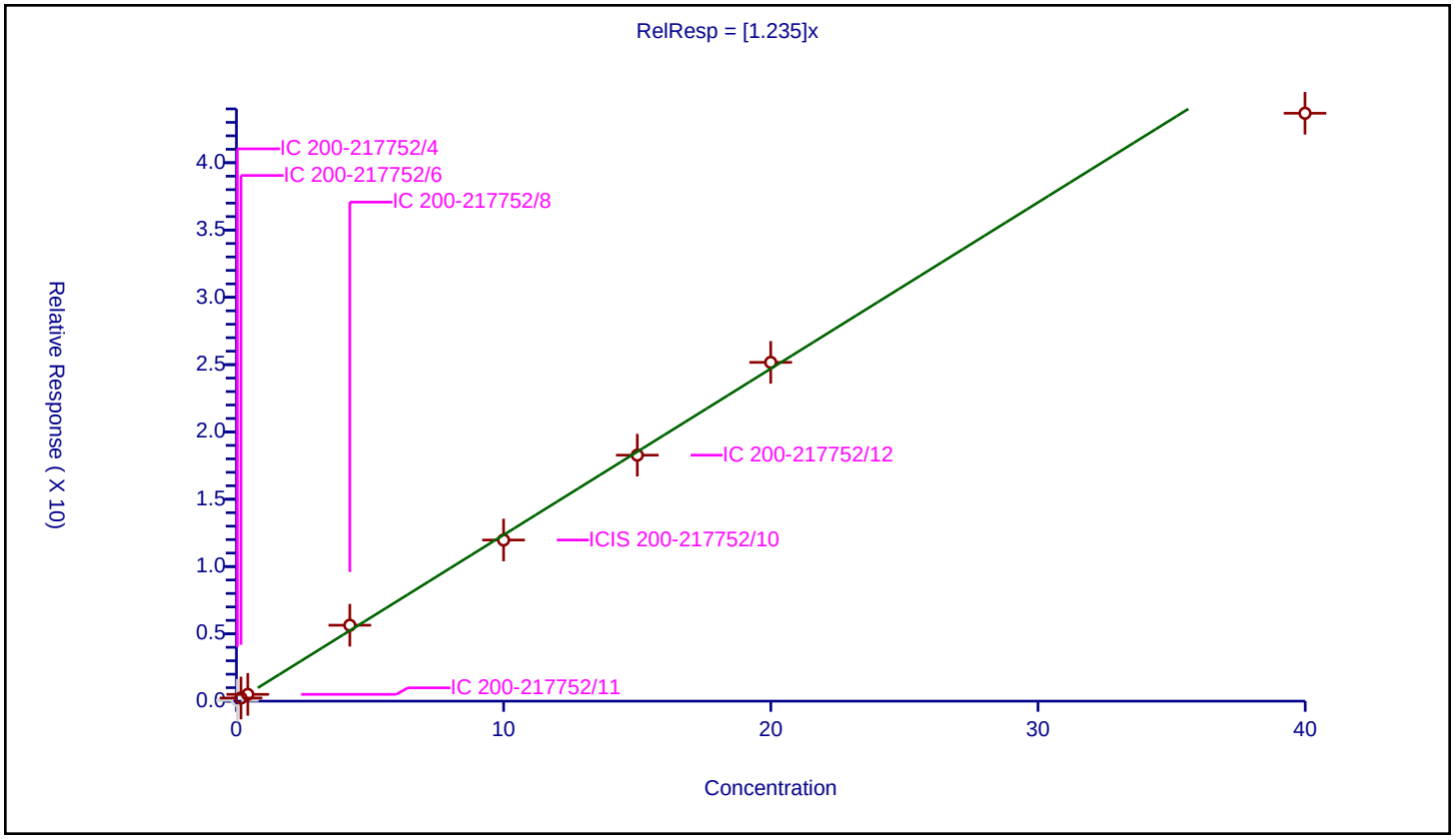
Curve Coefficients

Intercept:	0
Slope:	1.235

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.05669	10.0	286470.0	1.616163	N
2	IC 200-217752/6	0.170374	0.232969	10.0	259176.0	1.3674	Y
3	IC 200-217752/11	0.425385	0.503115	10.0	262087.0	1.18273	Y
4	IC 200-217752/8	4.243678	5.639815	10.0	240460.0	1.328992	Y
5	ICIS 200-217752/10	9.99806	11.969333	10.0	275149.0	1.197166	Y
6	IC 200-217752/12	15.003557	18.274996	10.0	273953.0	1.218044	Y
7	IC 200-217752/14	19.99612	25.167646	10.0	272687.0	1.258627	Y
8	IC 200-217752/15	39.99224	43.674551	10.0	260772.0	1.092076	Y



Calibration / Vinyl bromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

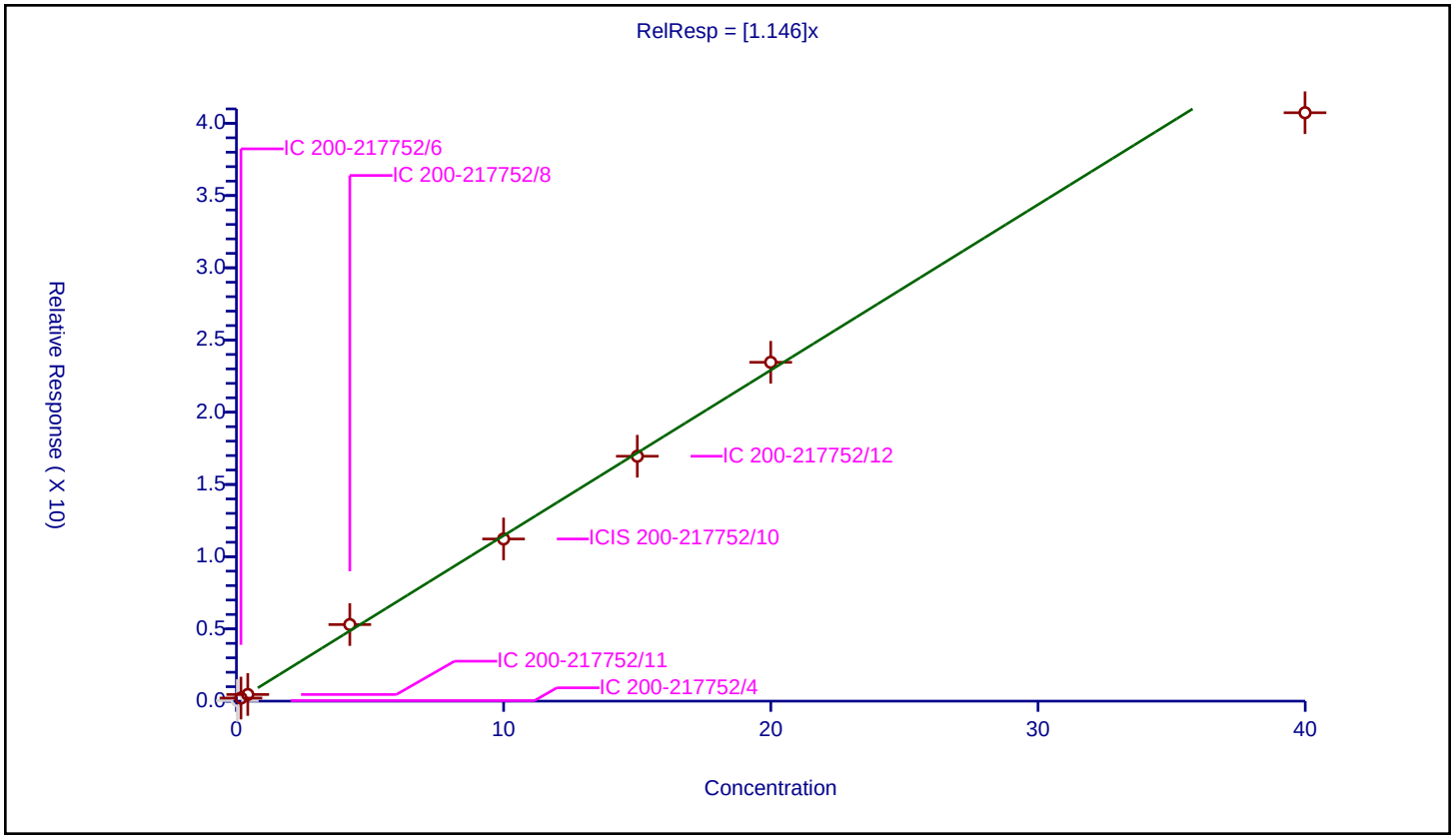
Curve Coefficients

Intercept:	0
Slope:	1.146

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.038084	10.0	286470.0	1.085735	N
2	IC 200-217752/6	0.170374	0.212443	10.0	259176.0	1.246921	Y
3	IC 200-217752/11	0.425385	0.459199	10.0	262087.0	1.07949	Y
4	IC 200-217752/8	4.243678	5.301381	10.0	240460.0	1.249242	Y
5	ICIS 200-217752/10	9.99806	11.226281	10.0	275149.0	1.122846	Y
6	IC 200-217752/12	15.003557	16.954697	10.0	273953.0	1.130045	Y
7	IC 200-217752/14	19.99612	23.457444	10.0	272687.0	1.1731	Y
8	IC 200-217752/15	39.99224	40.733783	10.0	260772.0	1.018542	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

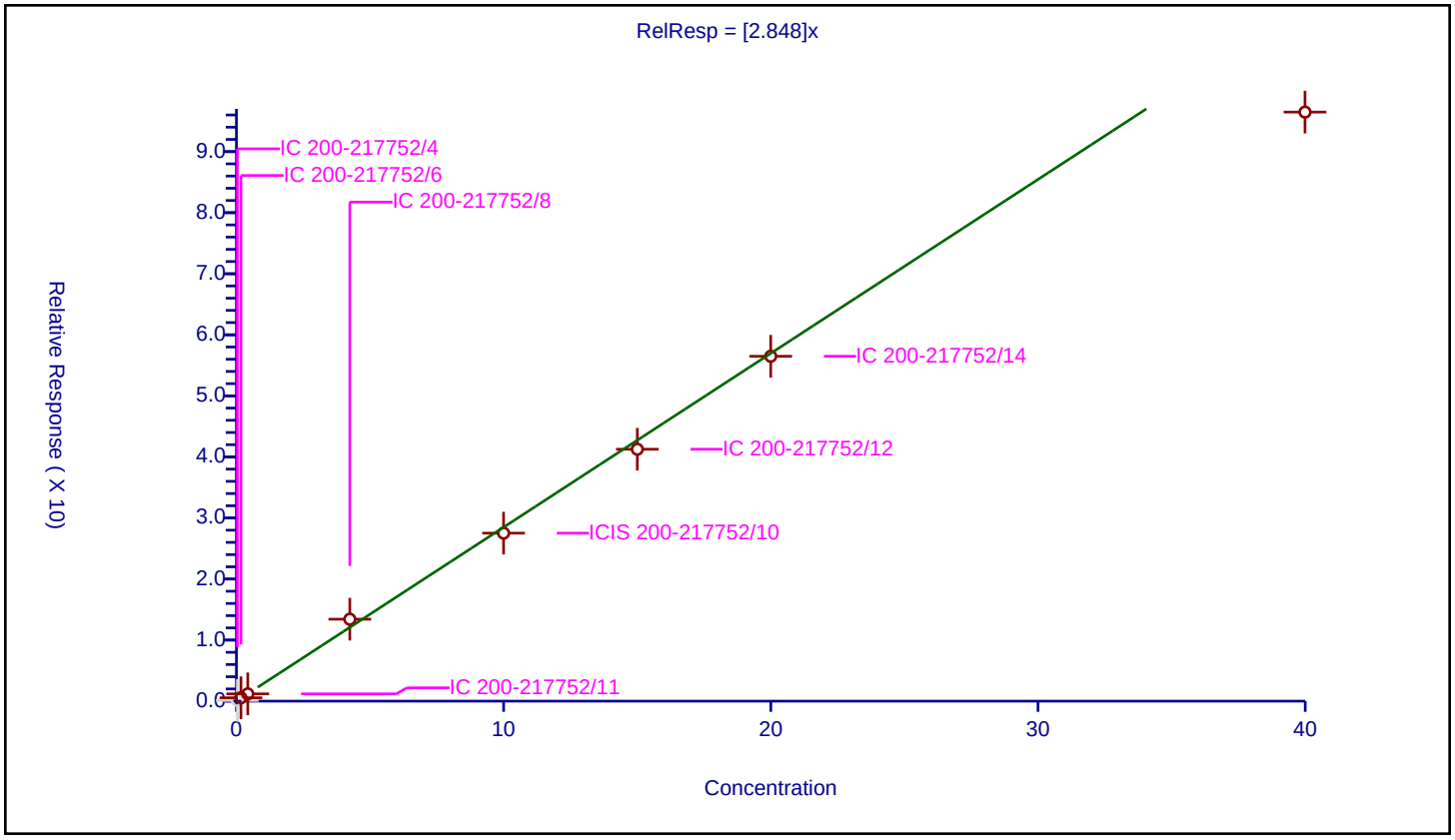
Curve Coefficients

Intercept:	0
Slope:	2.848

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.113834	10.0	286470.0	3.245263	N
2	IC 200-217752/6	0.170374	0.551363	10.0	259176.0	3.236196	Y
3	IC 200-217752/11	0.425385	1.191513	10.0	262087.0	2.801024	Y
4	IC 200-217752/8	4.243678	13.420361	10.0	240460.0	3.162436	Y
5	ICIS 200-217752/10	9.99806	27.51451	10.0	275149.0	2.751985	Y
6	IC 200-217752/12	15.003557	41.253317	10.0	273953.0	2.749569	Y
7	IC 200-217752/14	19.99612	56.48179	10.0	272687.0	2.824638	Y
8	IC 200-217752/15	39.99224	96.475849	10.0	260772.0	2.412364	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

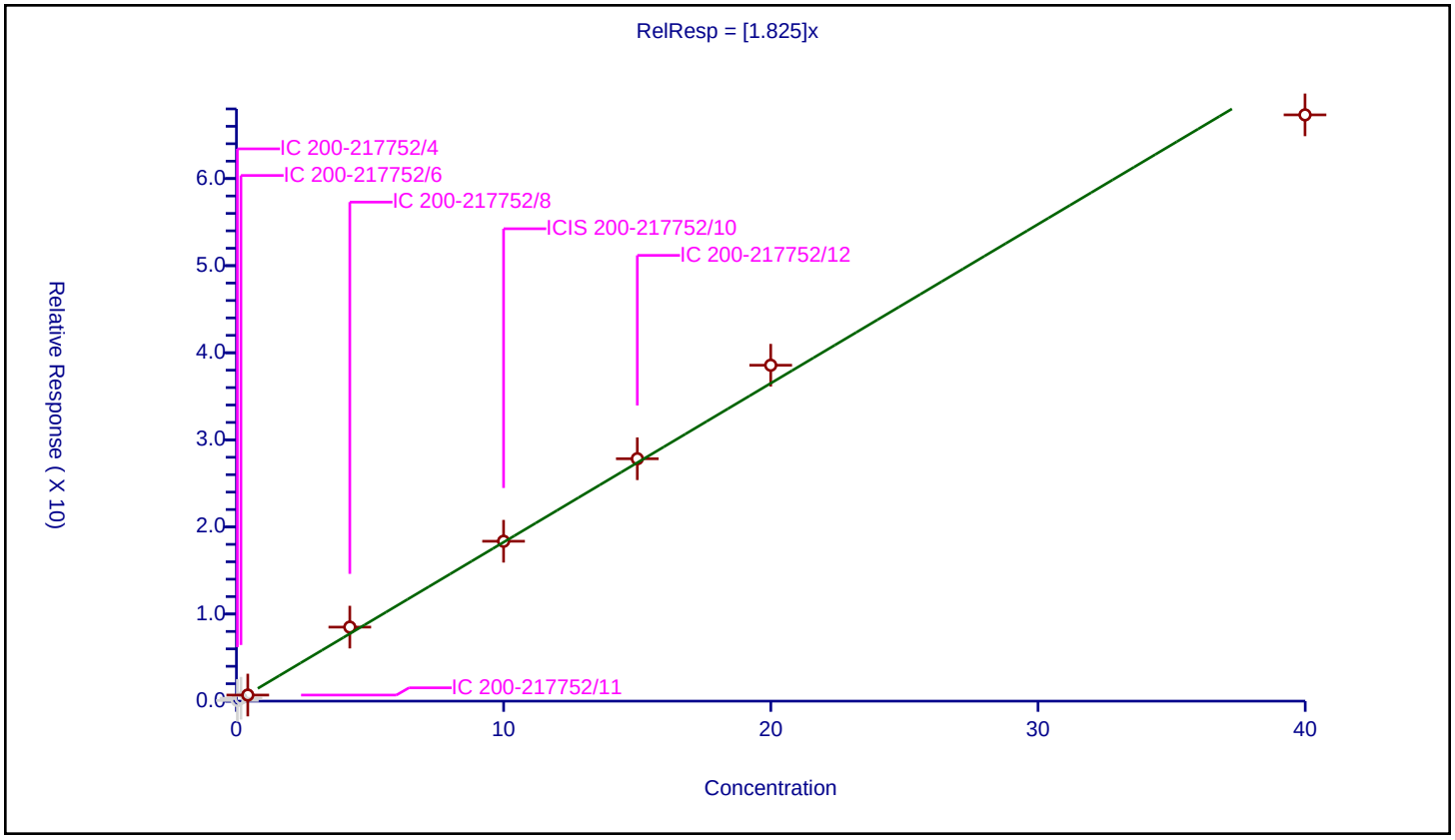
Curve Coefficients

Intercept:	0
Slope:	1.825

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.079485	10.0	286470.0	2.266012	N
2	IC 200-217752/6	0.170374	0.332014	10.0	259176.0	1.948738	N
3	IC 200-217752/11	0.425385	0.699424	10.0	262087.0	1.644216	Y
4	IC 200-217752/8	4.243678	8.501289	10.0	240460.0	2.003283	Y
5	ICIS 200-217752/10	9.99806	18.358853	10.0	275149.0	1.836242	Y
6	IC 200-217752/12	15.003557	27.832	10.0	273953.0	1.855027	Y
7	IC 200-217752/14	19.99612	38.569202	10.0	272687.0	1.928834	Y
8	IC 200-217752/15	39.99224	67.316315	10.0	260772.0	1.683234	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

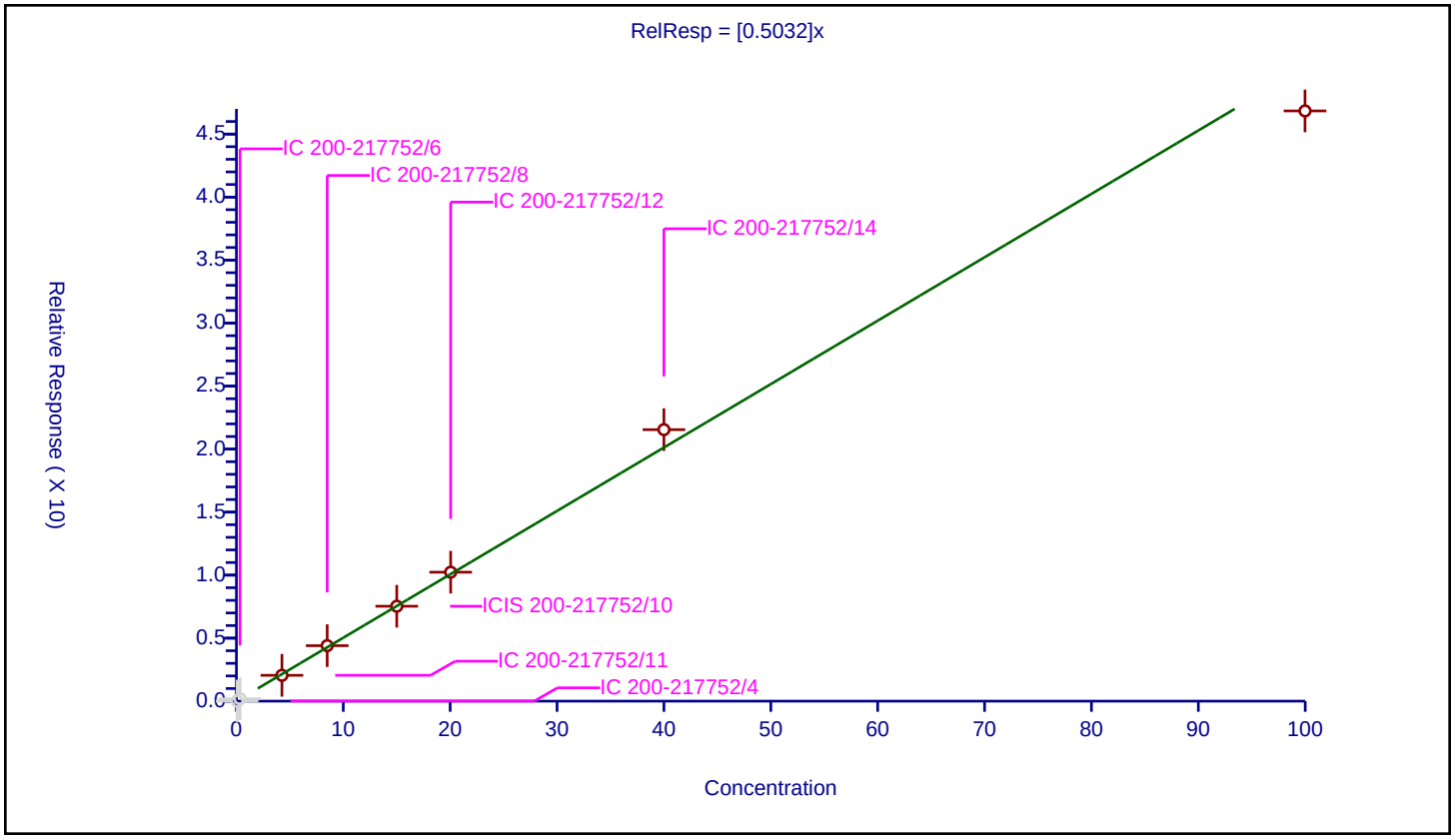
Curve Coefficients

Intercept:	0
Slope:	0.5032

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.070165	0.006039	10.0	286470.0	0.086069	N
2	IC 200-217752/6	0.340803	0.184662	10.0	259176.0	0.541845	N
3	IC 200-217752/11	4.259043	2.049014	10.0	262087.0	0.481097	Y
4	IC 200-217752/8	8.492854	4.402354	10.0	240460.0	0.51836	Y
5	ICIS 200-217752/10	15.003557	7.532682	10.0	275149.0	0.50206	Y
6	IC 200-217752/12	20.047856	10.233142	10.0	273953.0	0.510436	Y
7	IC 200-217752/14	39.998707	21.546058	10.0	272687.0	0.538669	Y
8	IC 200-217752/15	99.980599	46.838886	10.0	260772.0	0.46848	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

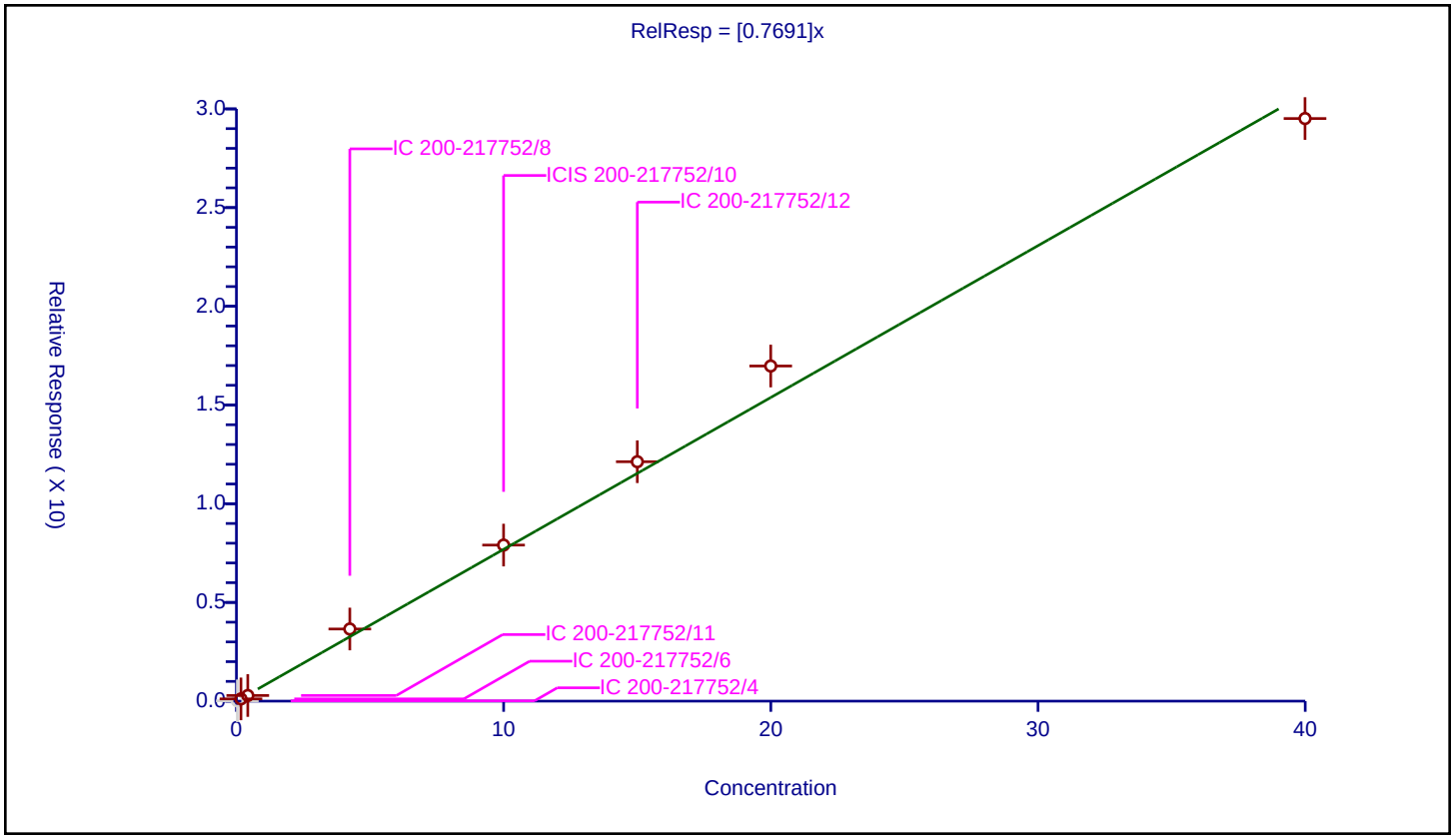
Curve Coefficients

Intercept:	0
Slope:	0.7691

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.016162	10.0	286470.0	0.460766	N
2	IC 200-217752/6	0.170374	0.113359	10.0	259176.0	0.665357	Y
3	IC 200-217752/11	0.425385	0.285592	10.0	262087.0	0.671374	Y
4	IC 200-217752/8	4.243678	3.654537	10.0	240460.0	0.861172	Y
5	ICIS 200-217752/10	9.99806	7.905062	10.0	275149.0	0.79066	Y
6	IC 200-217752/12	15.003557	12.127555	10.0	273953.0	0.808312	Y
7	IC 200-217752/14	19.99612	16.975177	10.0	272687.0	0.848924	Y
8	IC 200-217752/15	39.99224	29.512179	10.0	260772.0	0.737948	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

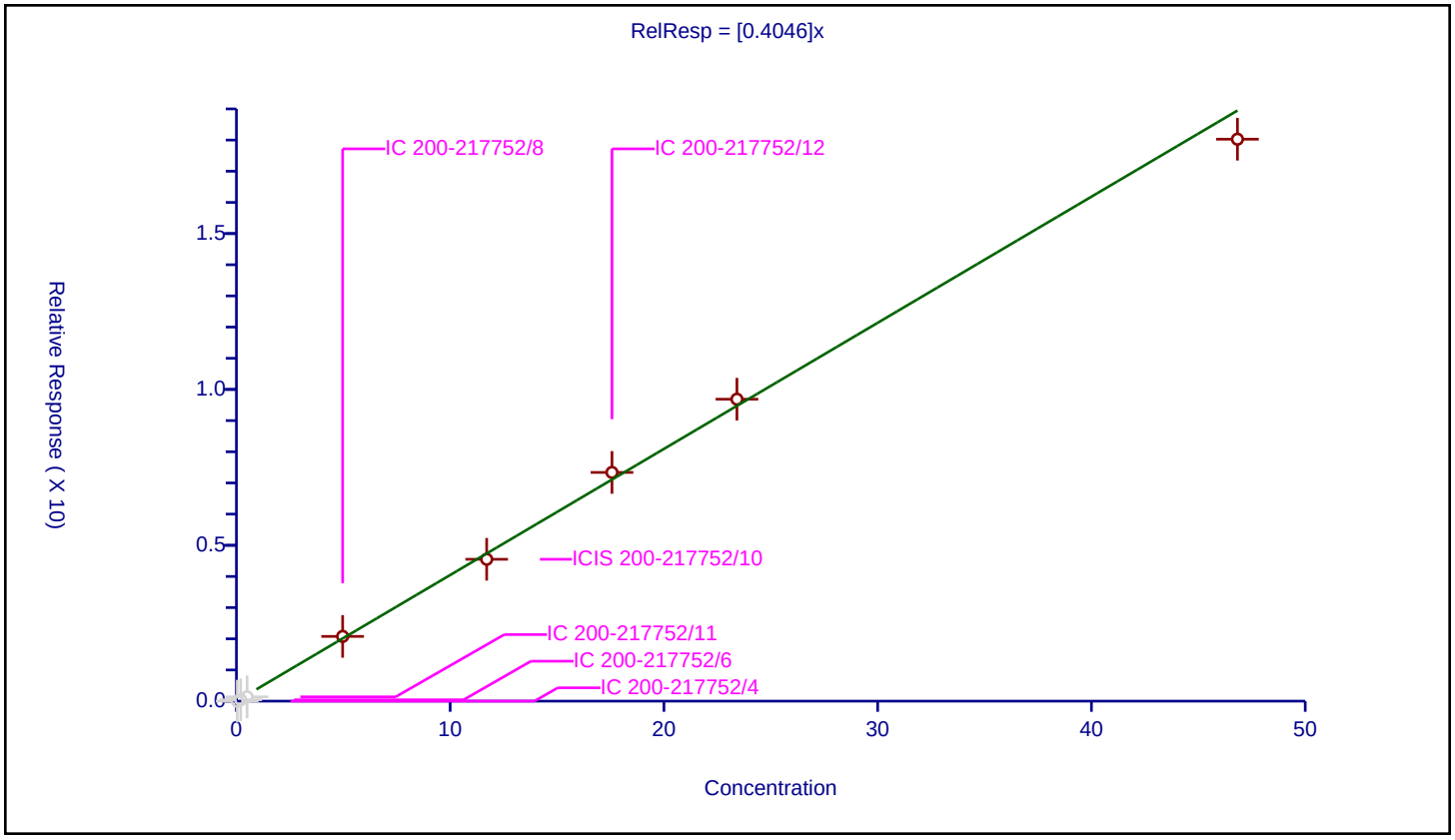
Curve Coefficients

Intercept:	0
Slope:	0.4046

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.041075	0.0	10.0	286470.0	0.0	N
2	IC 200-217752/6	0.199508	0.043368	10.0	259176.0	0.217376	N
3	IC 200-217752/11	0.498125	0.137855	10.0	262087.0	0.276748	N
4	IC 200-217752/8	4.969347	2.076645	10.0	240460.0	0.417891	Y
5	ICIS 200-217752/10	11.707728	4.551461	10.0	275149.0	0.388757	Y
6	IC 200-217752/12	17.569165	7.337463	10.0	273953.0	0.417633	Y
7	IC 200-217752/14	23.415456	9.68627	10.0	272687.0	0.41367	Y
8	IC 200-217752/15	46.830913	18.028009	10.0	260772.0	0.38496	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

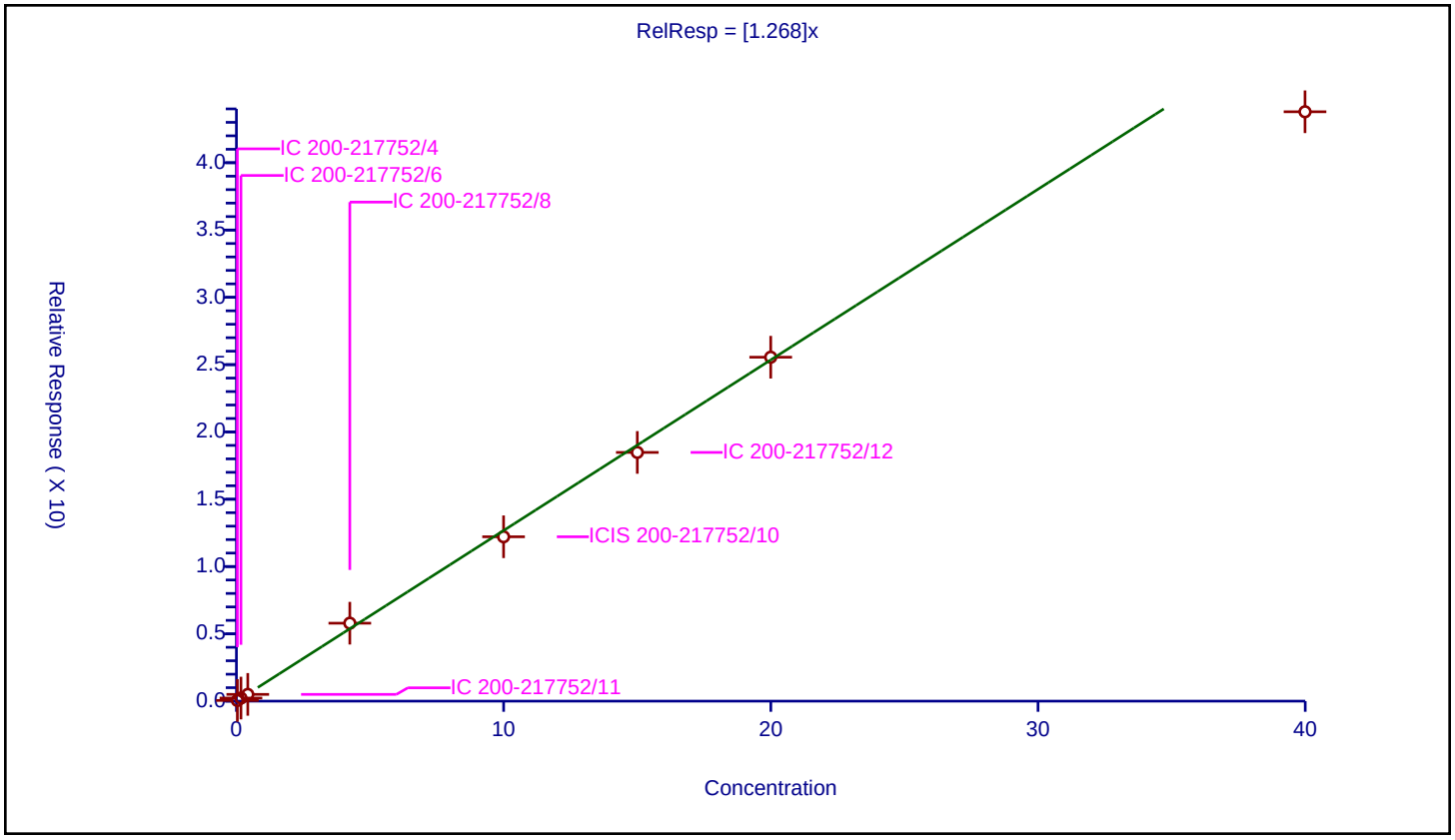
Curve Coefficients

Intercept:	0
Slope:	1.268

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.050162	10.0	286470.0	1.430065	Y
2	IC 200-217752/6	0.170374	0.229111	10.0	259176.0	1.344754	Y
3	IC 200-217752/11	0.425385	0.500673	10.0	262087.0	1.17699	Y
4	IC 200-217752/8	4.243678	5.790651	10.0	240460.0	1.364536	Y
5	ICIS 200-217752/10	9.99806	12.211456	10.0	275149.0	1.221383	Y
6	IC 200-217752/12	15.003557	18.479046	10.0	273953.0	1.231644	Y
7	IC 200-217752/14	19.99612	25.551603	10.0	272687.0	1.277828	Y
8	IC 200-217752/15	39.99224	43.786334	10.0	260772.0	1.094871	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

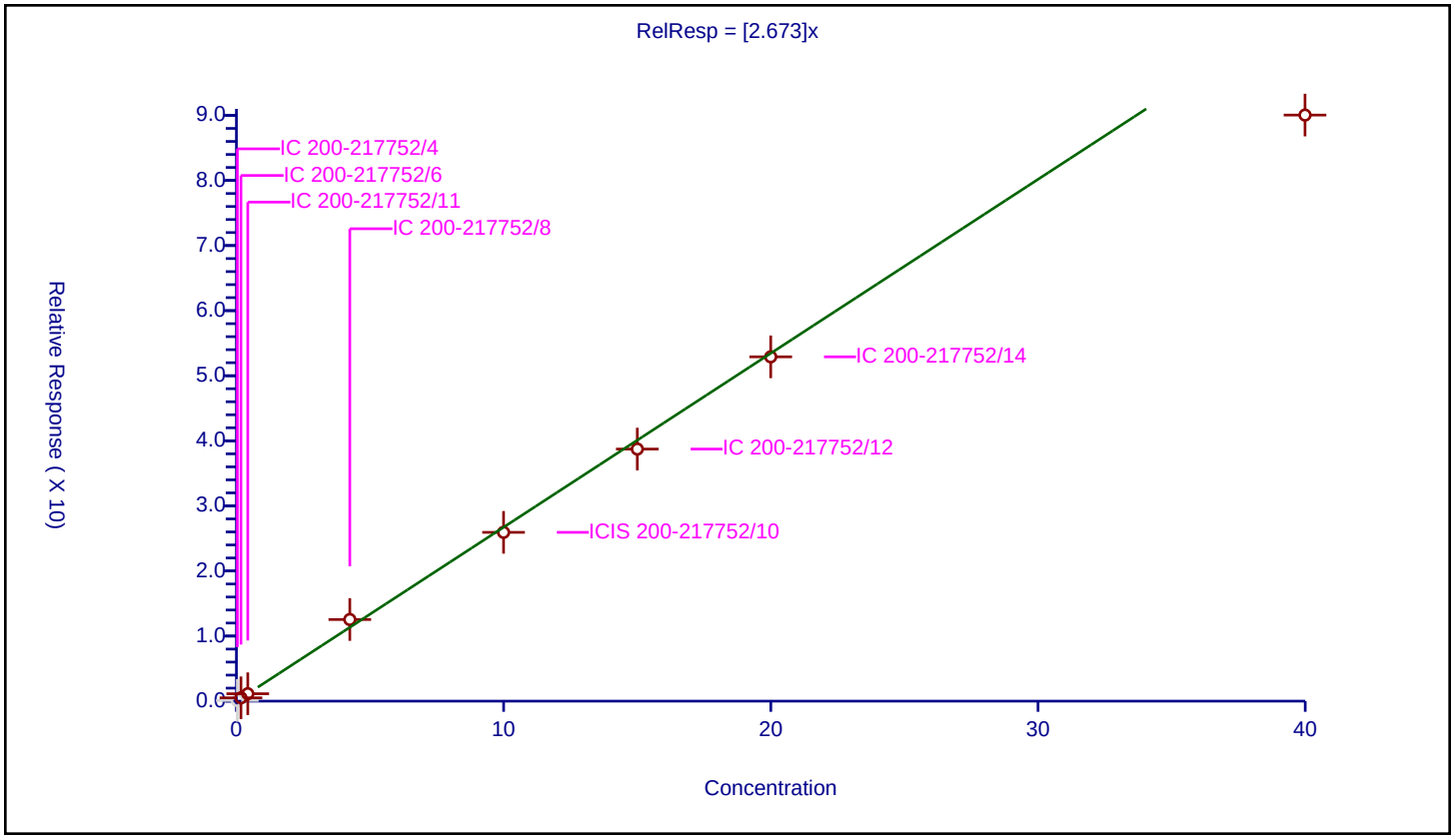
Curve Coefficients

Intercept:	0
Slope:	2.673

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.104863	10.0	286470.0	2.989503	N
2	IC 200-217752/6	0.170374	0.511467	10.0	259176.0	3.002031	Y
3	IC 200-217752/11	0.425385	1.139049	10.0	262087.0	2.677692	Y
4	IC 200-217752/8	4.243678	12.540672	10.0	240460.0	2.955142	Y
5	ICIS 200-217752/10	9.99806	25.933876	10.0	275149.0	2.593891	Y
6	IC 200-217752/12	15.003557	38.731936	10.0	273953.0	2.581517	Y
7	IC 200-217752/14	19.99612	52.905456	10.0	272687.0	2.645786	Y
8	IC 200-217752/15	39.99224	90.049315	10.0	260772.0	2.25167	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

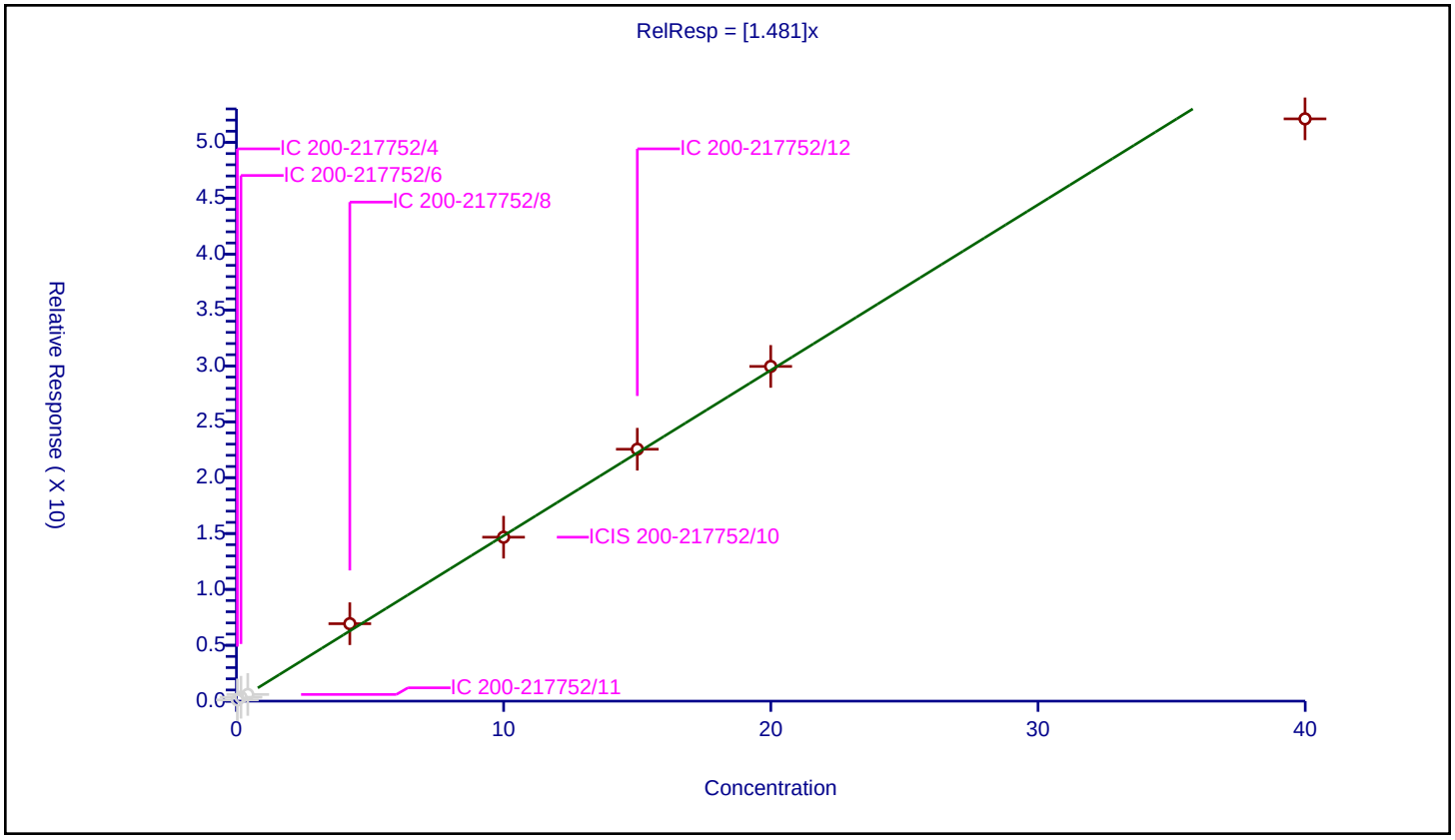
Curve Coefficients

Intercept:	0
Slope:	1.481

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.107376	10.0	286470.0	3.061156	N
2	IC 200-217752/6	0.170374	0.350187	10.0	259176.0	2.055404	N
3	IC 200-217752/11	0.425385	0.600373	10.0	262087.0	1.411365	N
4	IC 200-217752/8	4.243678	6.929136	10.0	240460.0	1.632814	Y
5	ICIS 200-217752/10	9.99806	14.67096	10.0	275149.0	1.467381	Y
6	IC 200-217752/12	15.003557	22.544378	10.0	273953.0	1.502602	Y
7	IC 200-217752/14	19.99612	29.954343	10.0	272687.0	1.498008	Y
8	IC 200-217752/15	39.99224	52.10801	10.0	260772.0	1.302953	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

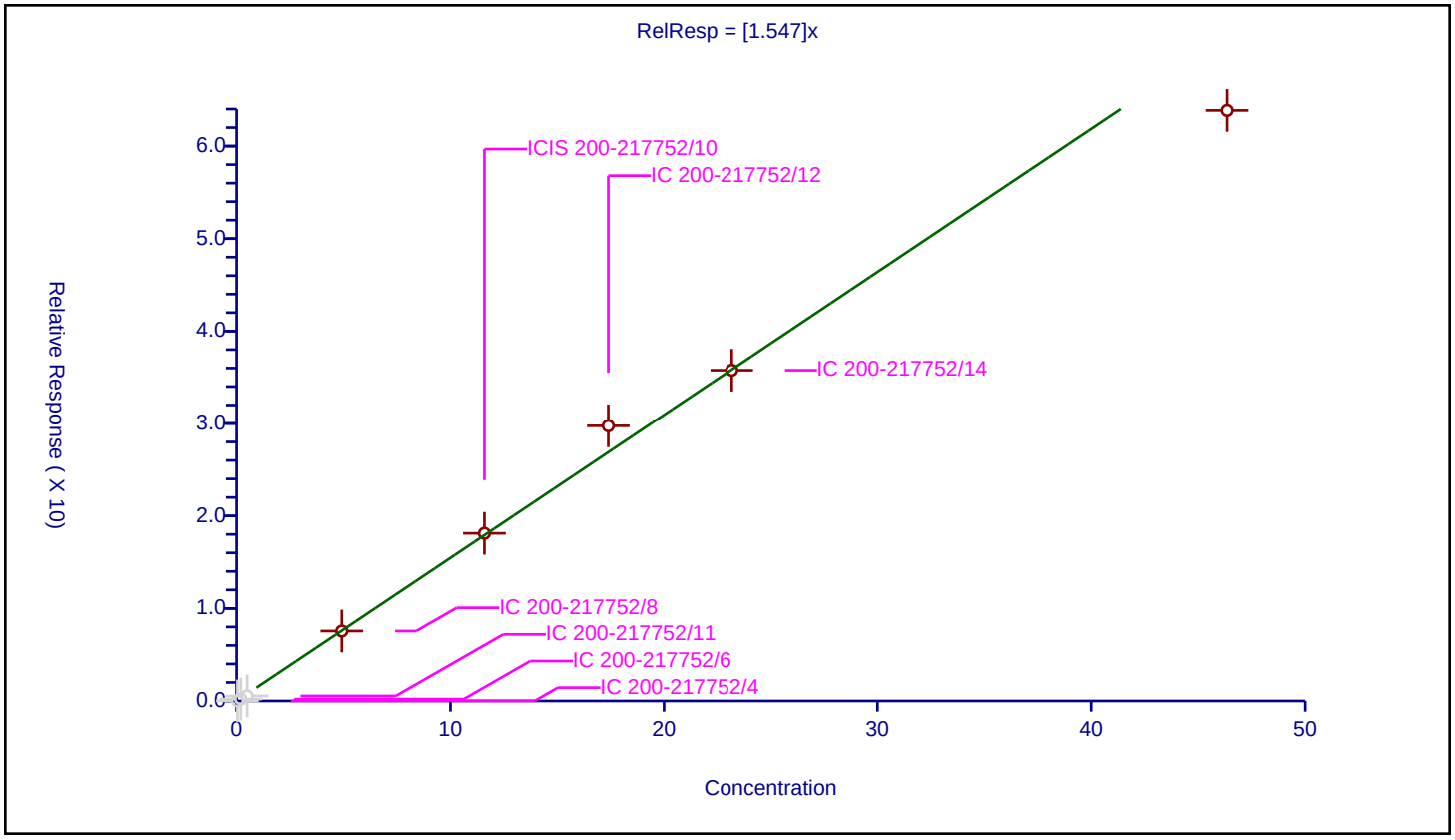
Curve Coefficients

Intercept:	0
Slope:	1.547

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.040654	0.009251	10.0	286470.0	0.227542	N
2	IC 200-217752/6	0.197463	0.202681	10.0	259176.0	1.026423	N
3	IC 200-217752/11	0.493021	0.54211	10.0	262087.0	1.099568	N
4	IC 200-217752/8	4.918423	7.559968	10.0	240460.0	1.537072	Y
5	ICIS 200-217752/10	11.587751	18.118583	10.0	275149.0	1.563598	Y
6	IC 200-217752/12	17.389122	29.747657	10.0	273953.0	1.710705	Y
7	IC 200-217752/14	23.175503	35.772002	10.0	272687.0	1.543526	Y
8	IC 200-217752/15	46.351006	63.853596	10.0	260772.0	1.37761	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

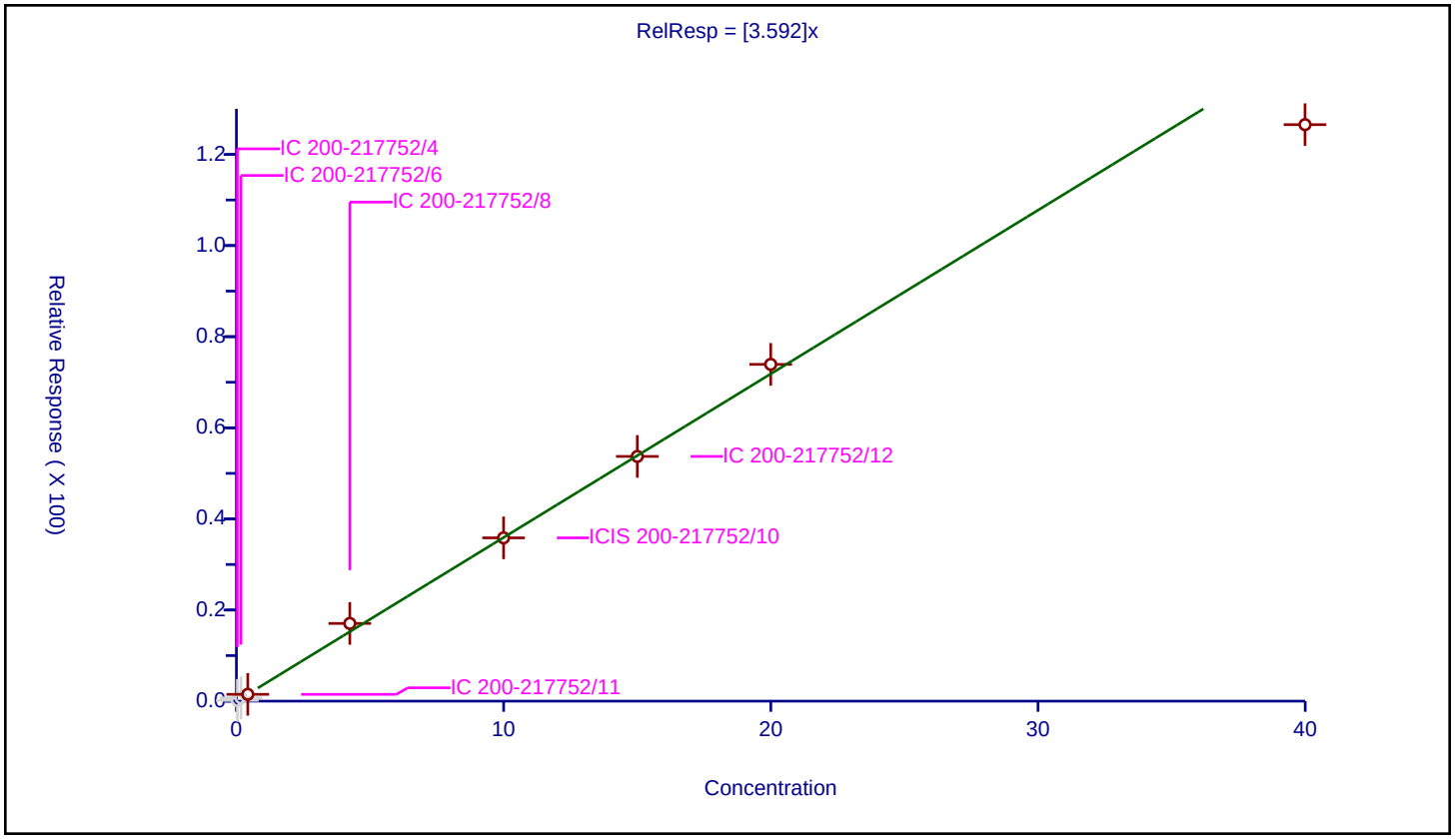
Curve Coefficients

Intercept:	0
Slope:	3.592

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.167487	10.0	286470.0	4.774846	N
2	IC 200-217752/6	0.170374	0.716463	10.0	259176.0	4.205243	N
3	IC 200-217752/11	0.425385	1.4921	10.0	262087.0	3.507648	Y
4	IC 200-217752/8	4.243678	17.058097	10.0	240460.0	4.019649	Y
5	ICIS 200-217752/10	9.99806	35.840363	10.0	275149.0	3.584732	Y
6	IC 200-217752/12	15.003557	53.718448	10.0	273953.0	3.580381	Y
7	IC 200-217752/14	19.99612	73.925086	10.0	272687.0	3.696972	Y
8	IC 200-217752/15	39.99224	126.538969	10.0	260772.0	3.164088	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

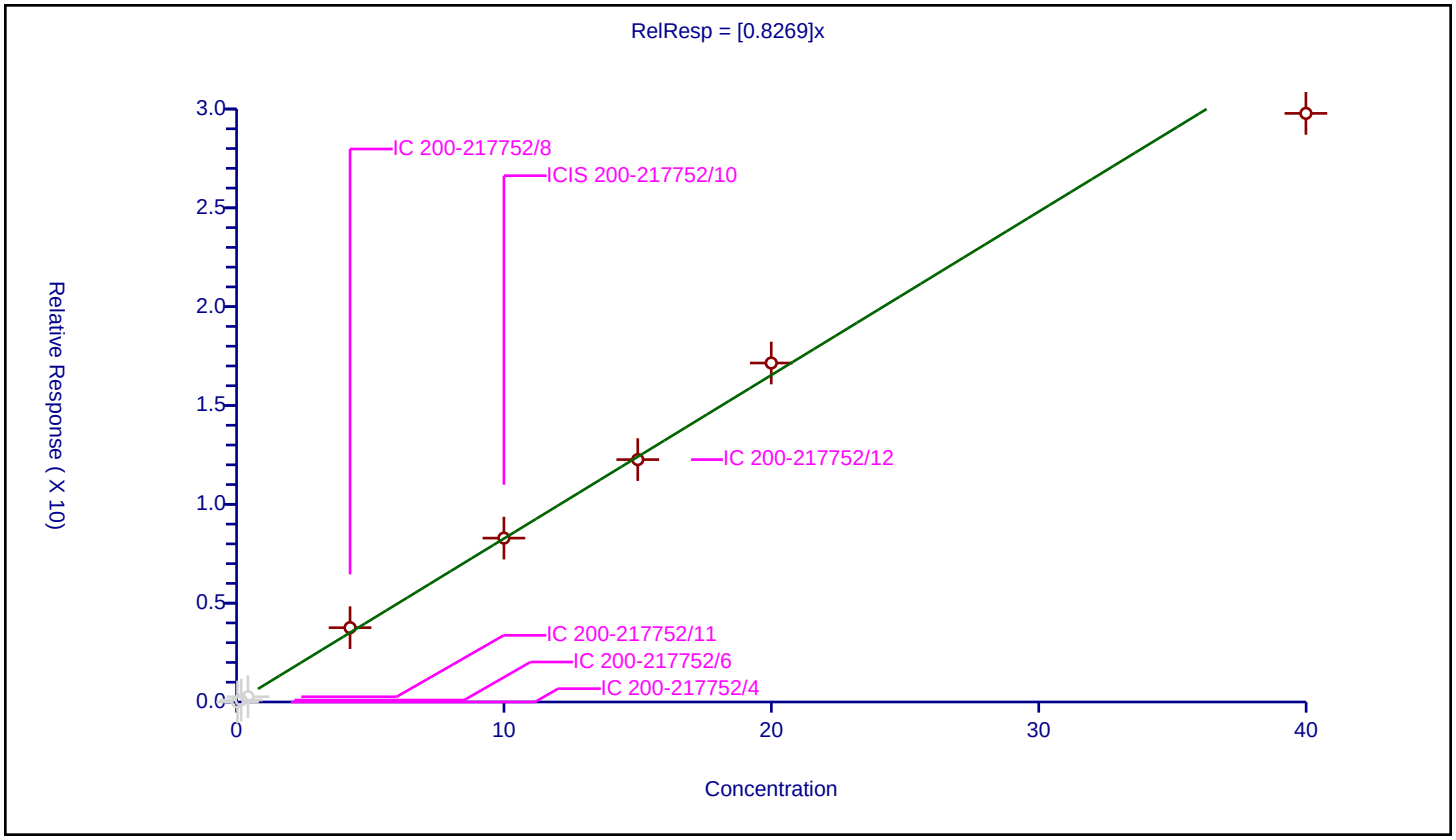
Curve Coefficients

Intercept:	0
Slope:	0.8269

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.0	10.0	286470.0	0.0	N
2	IC 200-217752/6	0.170374	0.098157	10.0	259176.0	0.576129	N
3	IC 200-217752/11	0.425385	0.265408	10.0	262087.0	0.623925	N
4	IC 200-217752/8	4.243678	3.759295	10.0	240460.0	0.885858	Y
5	ICIS 200-217752/10	9.99806	8.290526	10.0	275149.0	0.829213	Y
6	IC 200-217752/12	15.003557	12.262541	10.0	273953.0	0.817309	Y
7	IC 200-217752/14	19.99612	17.148966	10.0	272687.0	0.857615	Y
8	IC 200-217752/15	39.99224	29.779194	10.0	260772.0	0.744624	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

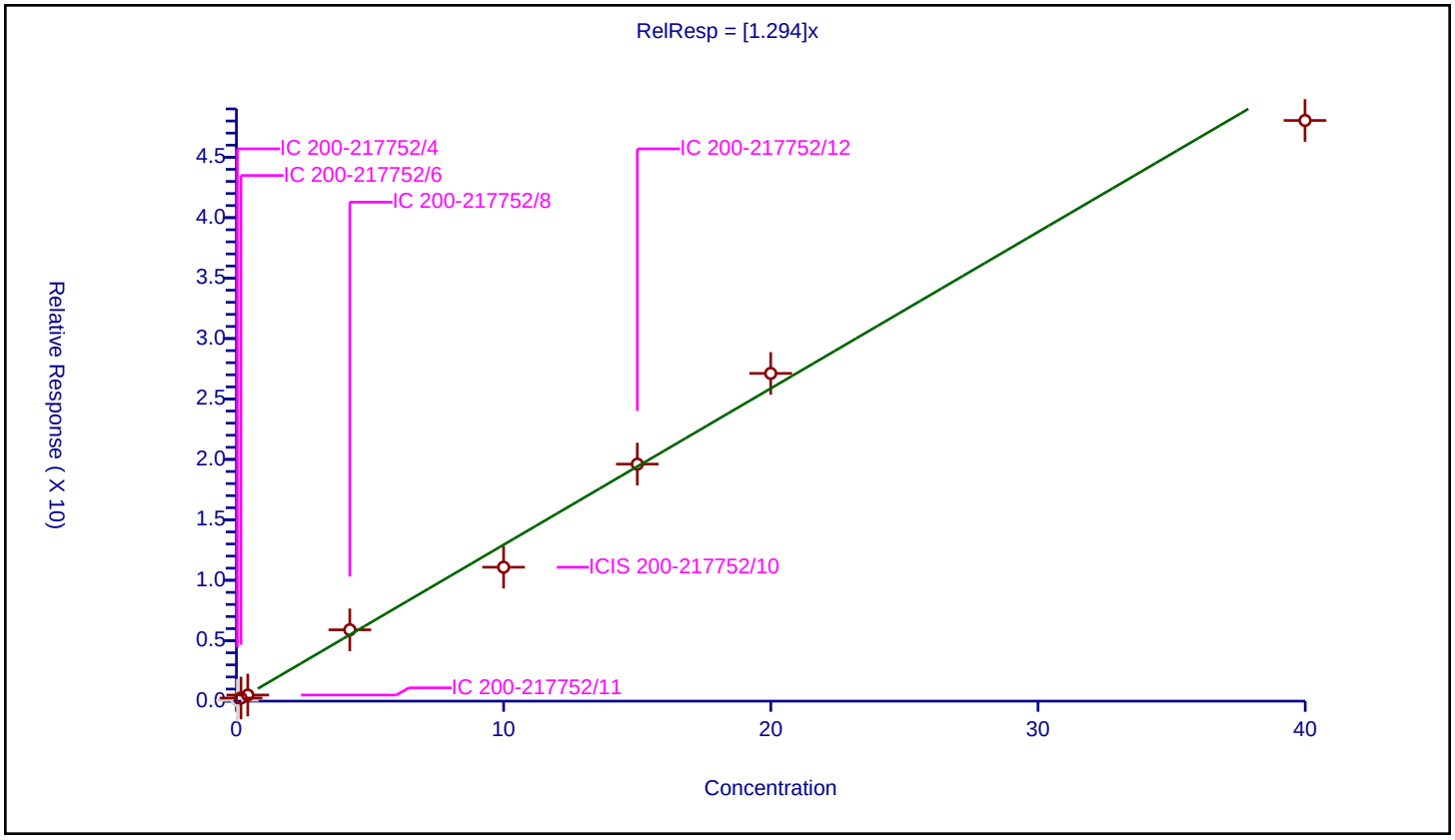
Curve Coefficients

Intercept:	0
Slope:	1.294

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.068803	10.0	286470.0	1.961488	N
2	IC 200-217752/6	0.170374	0.256505	10.0	259176.0	1.505545	Y
3	IC 200-217752/11	0.425385	0.505328	10.0	262087.0	1.187933	Y
4	IC 200-217752/8	4.243678	5.901314	10.0	240460.0	1.390613	Y
5	ICIS 200-217752/10	9.99806	11.081414	10.0	275149.0	1.108356	Y
6	IC 200-217752/12	15.003557	19.610189	10.0	273953.0	1.307036	Y
7	IC 200-217752/14	19.99612	27.116878	10.0	272687.0	1.356107	Y
8	IC 200-217752/15	39.99224	48.043003	10.0	260772.0	1.201308	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

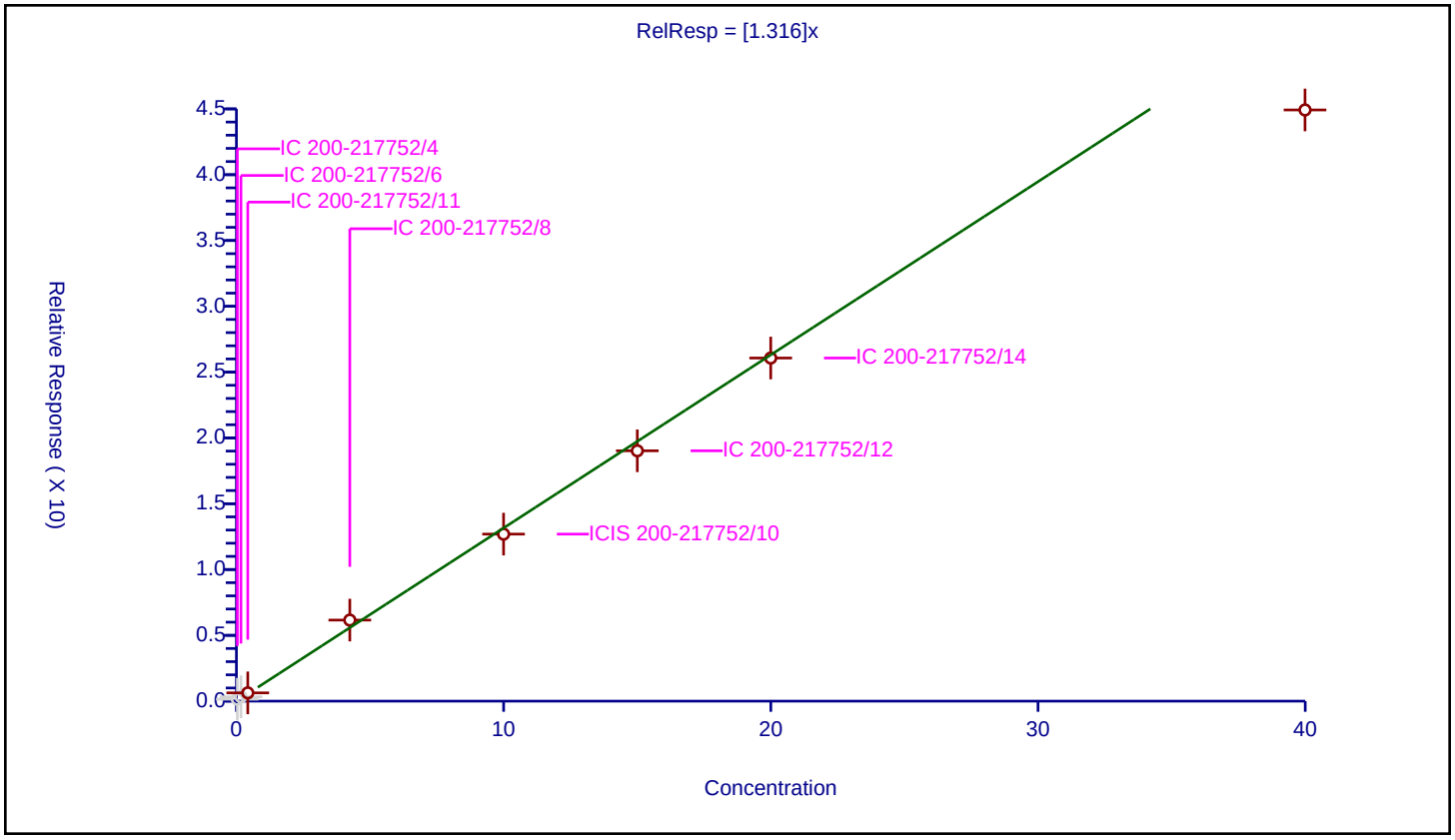
Curve Coefficients

Intercept:	0
Slope:	1.316

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.146193	10.0	286470.0	4.16779	N
2	IC 200-217752/6	0.170374	0.328734	10.0	259176.0	1.929489	N
3	IC 200-217752/11	0.425385	0.62899	10.0	262087.0	1.478637	Y
4	IC 200-217752/8	4.243678	6.158197	10.0	240460.0	1.451146	Y
5	ICIS 200-217752/10	9.99806	12.690615	10.0	275149.0	1.269308	Y
6	IC 200-217752/12	15.003557	19.022168	10.0	273953.0	1.267844	Y
7	IC 200-217752/14	19.99612	26.069743	10.0	272687.0	1.30374	Y
8	IC 200-217752/15	39.99224	44.918933	10.0	260772.0	1.123191	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

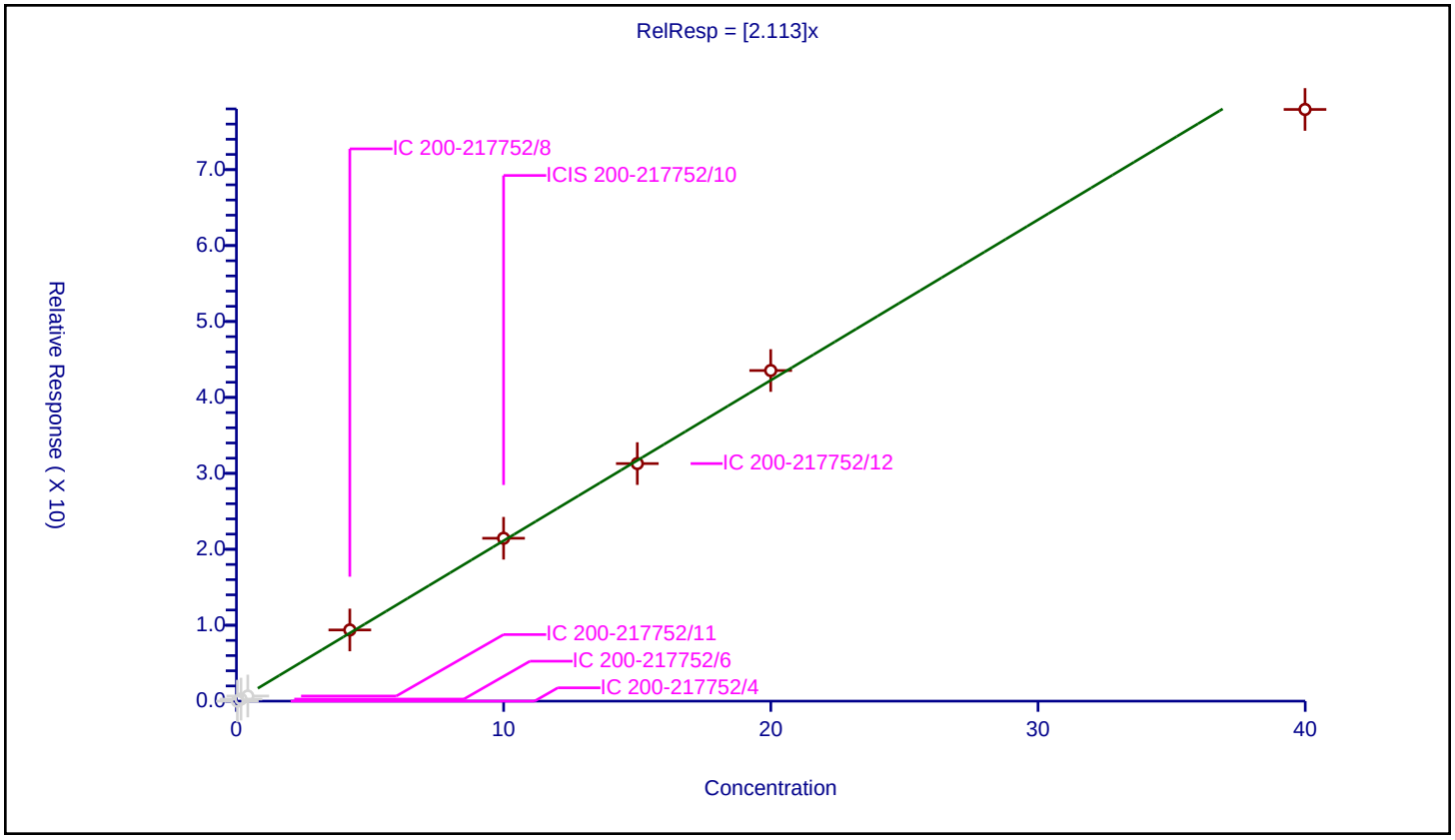
Curve Coefficients

Intercept:	0
Slope:	2.113

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.0	10.0	286470.0	0.0	N
2	IC 200-217752/6	0.170374	0.27244	10.0	259176.0	1.599075	N
3	IC 200-217752/11	0.425385	0.67386	10.0	262087.0	1.58412	N
4	IC 200-217752/8	4.243678	9.373285	10.0	240460.0	2.208764	Y
5	ICIS 200-217752/10	9.99806	21.451686	10.0	275149.0	2.145585	Y
6	IC 200-217752/12	15.003557	31.287155	10.0	273953.0	2.085316	Y
7	IC 200-217752/14	19.99612	43.54212	10.0	272687.0	2.177528	Y
8	IC 200-217752/15	39.99224	77.925276	10.0	260772.0	1.94851	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

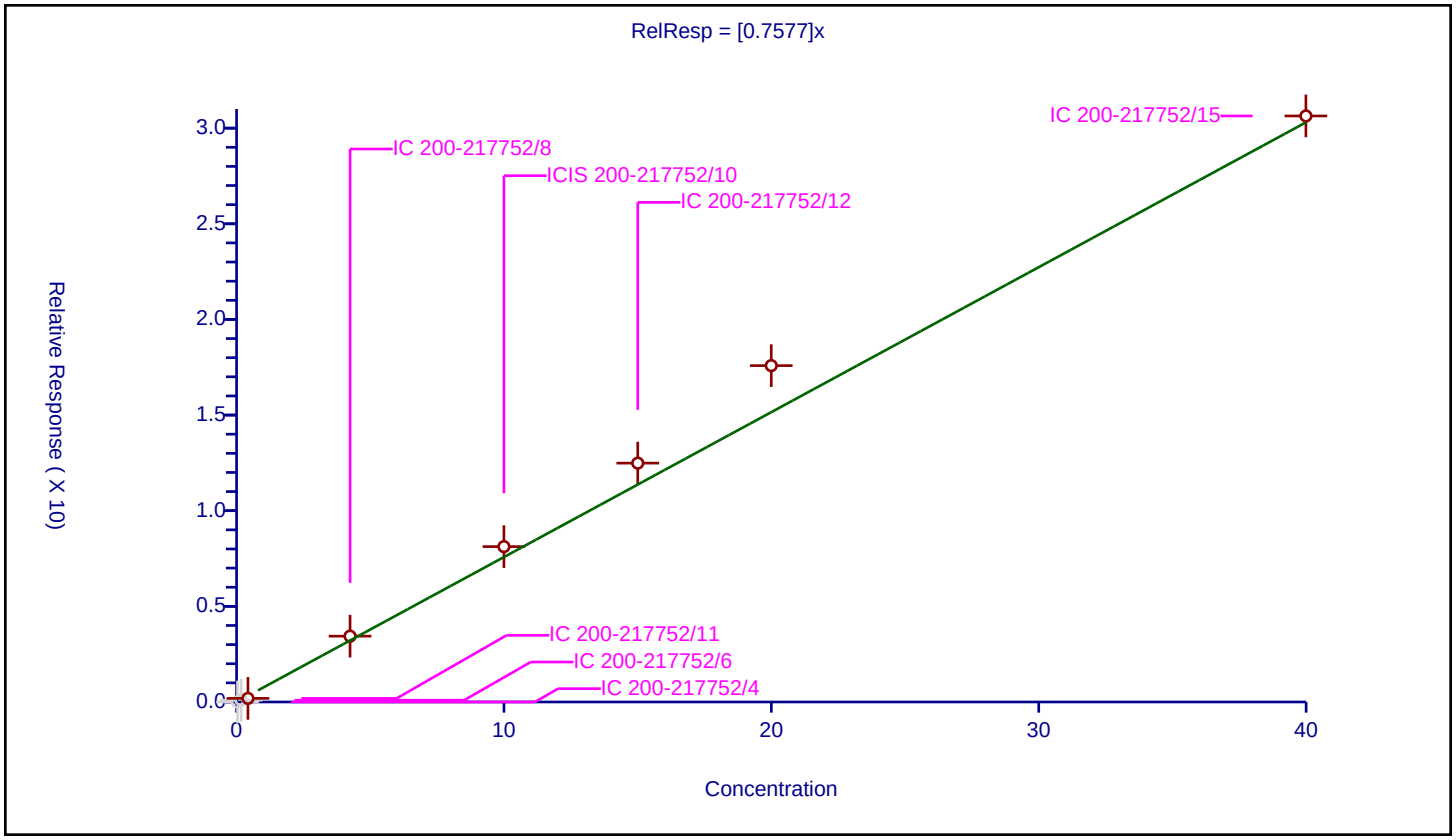
Curve Coefficients

Intercept:	0
Slope:	0.7577

Error Coefficients

Relative Standard Deviation:	20.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.0	10.0	286470.0	0.0	N
2	IC 200-217752/6	0.170374	0.093411	10.0	259176.0	0.548274	N
3	IC 200-217752/11	0.425385	0.189326	10.0	262087.0	0.445071	Y
4	IC 200-217752/8	4.243678	3.44078	10.0	240460.0	0.810801	Y
5	ICIS 200-217752/10	9.99806	8.122617	10.0	275149.0	0.812419	Y
6	IC 200-217752/12	15.003557	12.487434	10.0	273953.0	0.832298	Y
7	IC 200-217752/14	19.99612	17.584483	10.0	272687.0	0.879395	Y
8	IC 200-217752/15	39.99224	30.637032	10.0	260772.0	0.766074	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

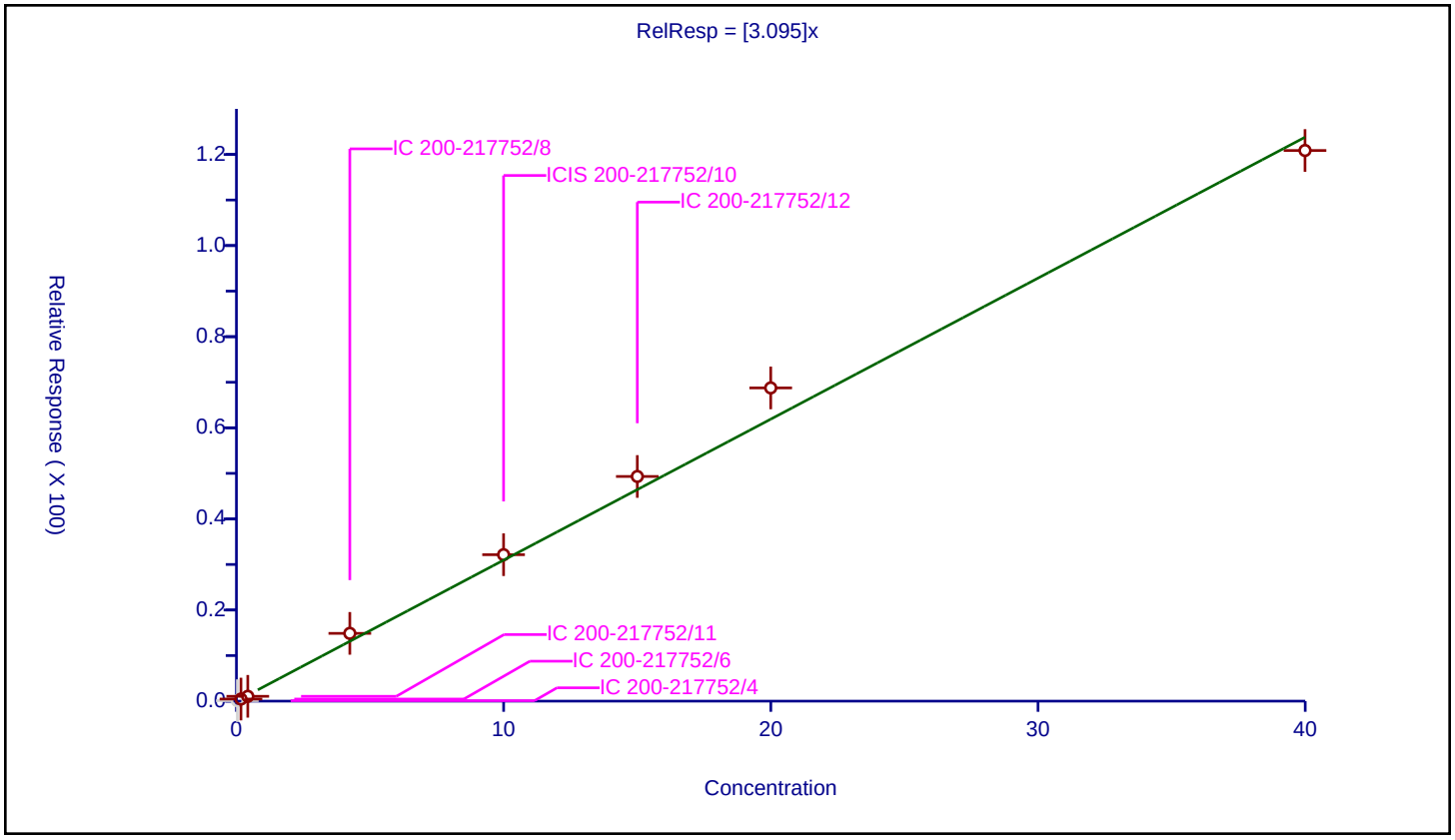
Curve Coefficients

Intercept:	0
Slope:	3.095

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.102733	10.0	286470.0	2.928798	N
2	IC 200-217752/6	0.170374	0.460498	10.0	259176.0	2.702869	Y
3	IC 200-217752/11	0.425385	1.061365	10.0	262087.0	2.495071	Y
4	IC 200-217752/8	4.243678	14.876029	10.0	240460.0	3.505456	Y
5	ICIS 200-217752/10	9.99806	32.14382	10.0	275149.0	3.215006	Y
6	IC 200-217752/12	15.003557	49.317547	10.0	273953.0	3.287057	Y
7	IC 200-217752/14	19.99612	68.752086	10.0	272687.0	3.438271	Y
8	IC 200-217752/15	39.99224	120.868882	10.0	260772.0	3.022308	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

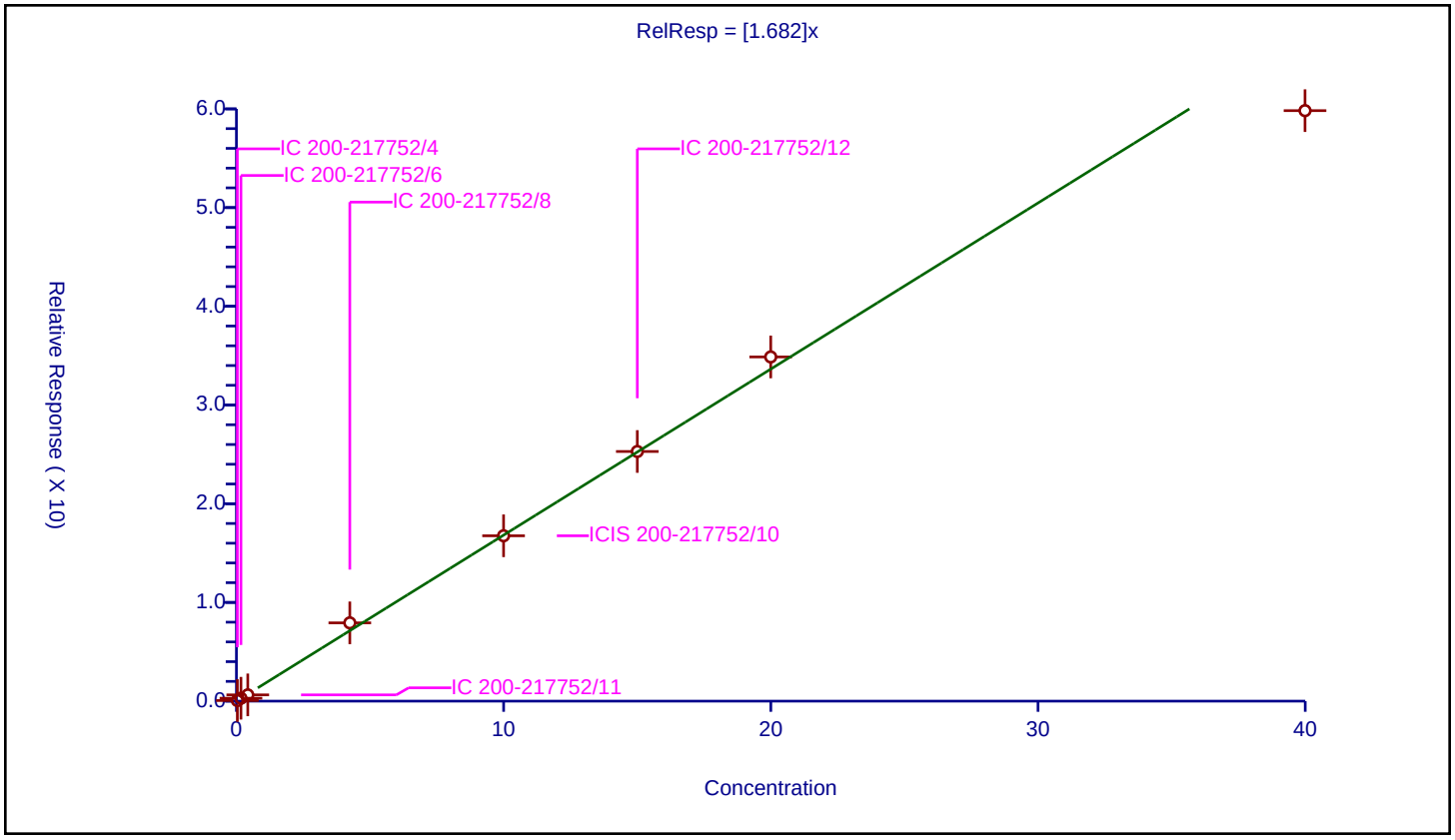
Curve Coefficients

Intercept:	0
Slope:	1.682

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.061612	10.0	286470.0	1.756483	Y
2	IC 200-217752/6	0.170374	0.295784	10.0	259176.0	1.736087	Y
3	IC 200-217752/11	0.425385	0.636239	10.0	262087.0	1.495679	Y
4	IC 200-217752/8	4.243678	7.930467	10.0	240460.0	1.868772	Y
5	ICIS 200-217752/10	9.99806	16.752414	10.0	275149.0	1.675566	Y
6	IC 200-217752/12	15.003557	25.291054	10.0	273953.0	1.685671	Y
7	IC 200-217752/14	19.99612	34.870162	10.0	272687.0	1.743846	Y
8	IC 200-217752/15	39.99224	59.821875	10.0	260772.0	1.495837	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

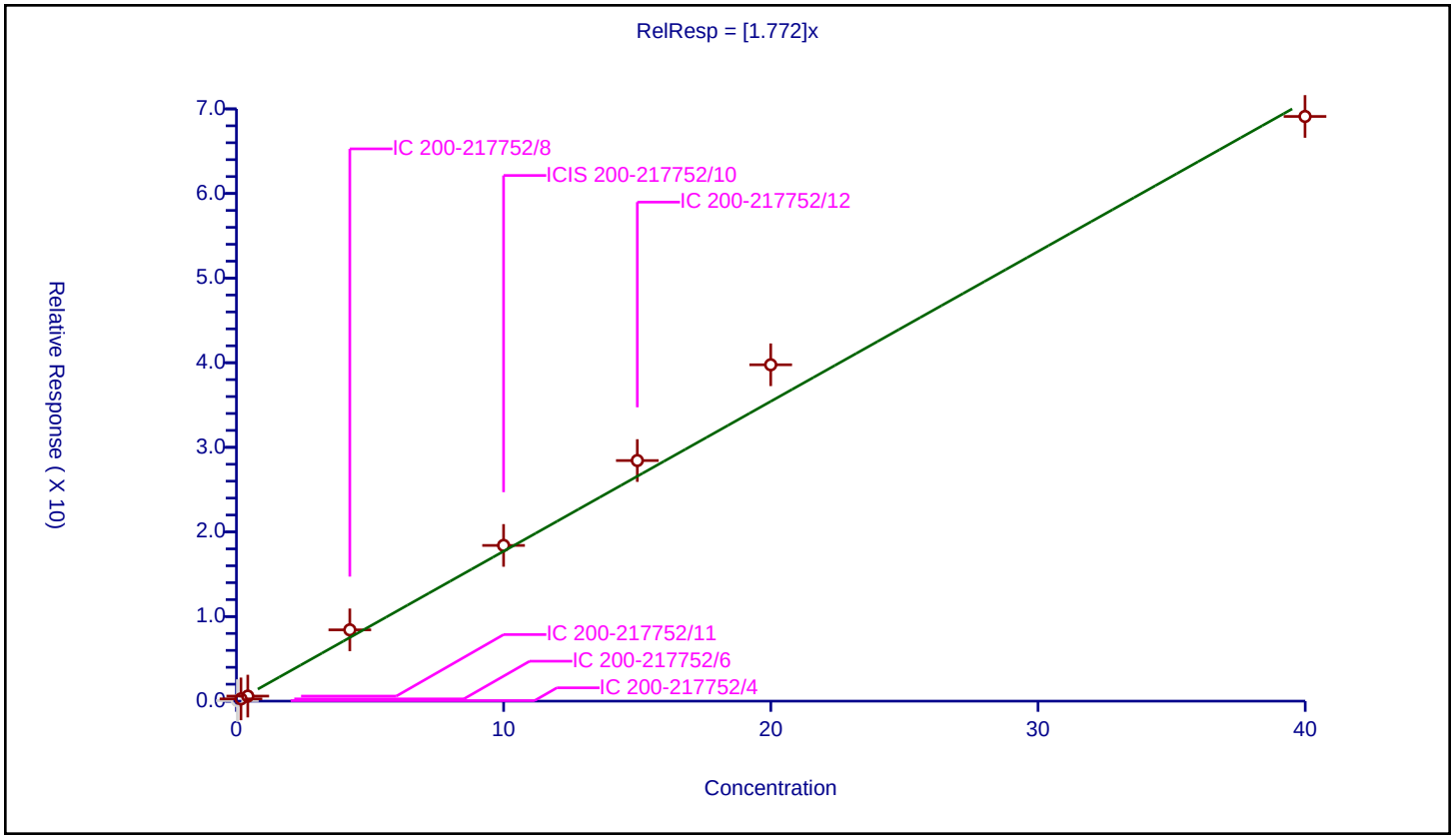
Curve Coefficients

Intercept:	0
Slope:	1.772

Error Coefficients

Relative Standard Deviation:	12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.060181	10.0	286470.0	1.71568	N
2	IC 200-217752/6	0.170374	0.265534	10.0	259176.0	1.558538	Y
3	IC 200-217752/11	0.425385	0.597664	10.0	262087.0	1.404997	Y
4	IC 200-217752/8	4.243678	8.424021	10.0	240460.0	1.985075	Y
5	ICIS 200-217752/10	9.99806	18.405846	10.0	275149.0	1.840942	Y
6	IC 200-217752/12	15.003557	28.437579	10.0	273953.0	1.895389	Y
7	IC 200-217752/14	19.99612	39.756204	10.0	272687.0	1.988196	Y
8	IC 200-217752/15	39.99224	69.106461	10.0	260772.0	1.727997	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

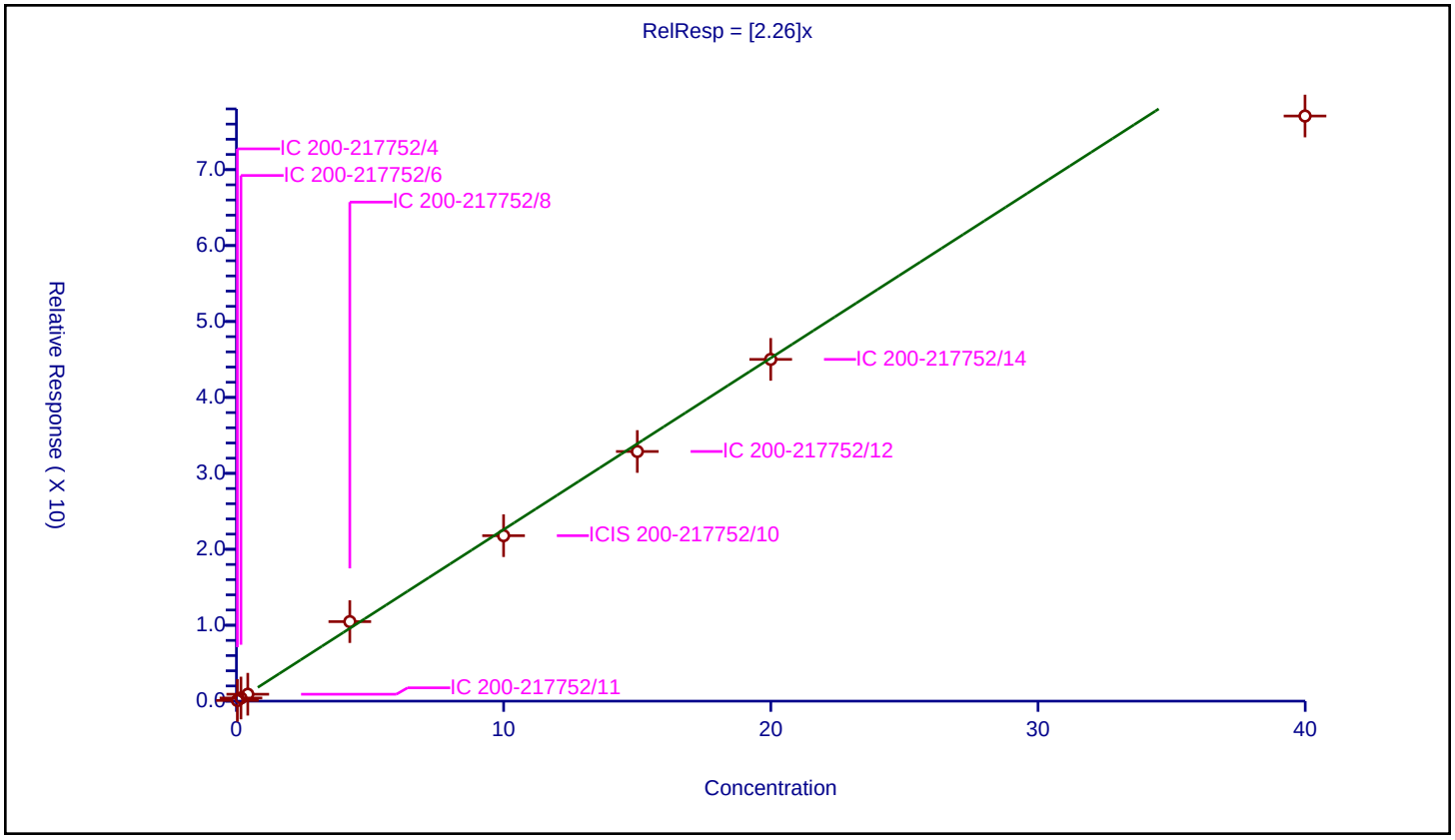
Curve Coefficients

Intercept:	0
Slope:	2.26

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.087688	10.0	286470.0	2.499878	Y
2	IC 200-217752/6	0.170374	0.413156	10.0	259176.0	2.424996	Y
3	IC 200-217752/11	0.425385	0.908744	10.0	262087.0	2.136288	Y
4	IC 200-217752/8	4.243678	10.47143	10.0	240460.0	2.467536	Y
5	ICIS 200-217752/10	9.99806	21.792847	10.0	275149.0	2.179708	Y
6	IC 200-217752/12	15.003557	32.878669	10.0	273953.0	2.191392	Y
7	IC 200-217752/14	19.99612	45.008893	10.0	272687.0	2.250881	Y
8	IC 200-217752/15	39.99224	77.063258	10.0	260772.0	1.926955	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

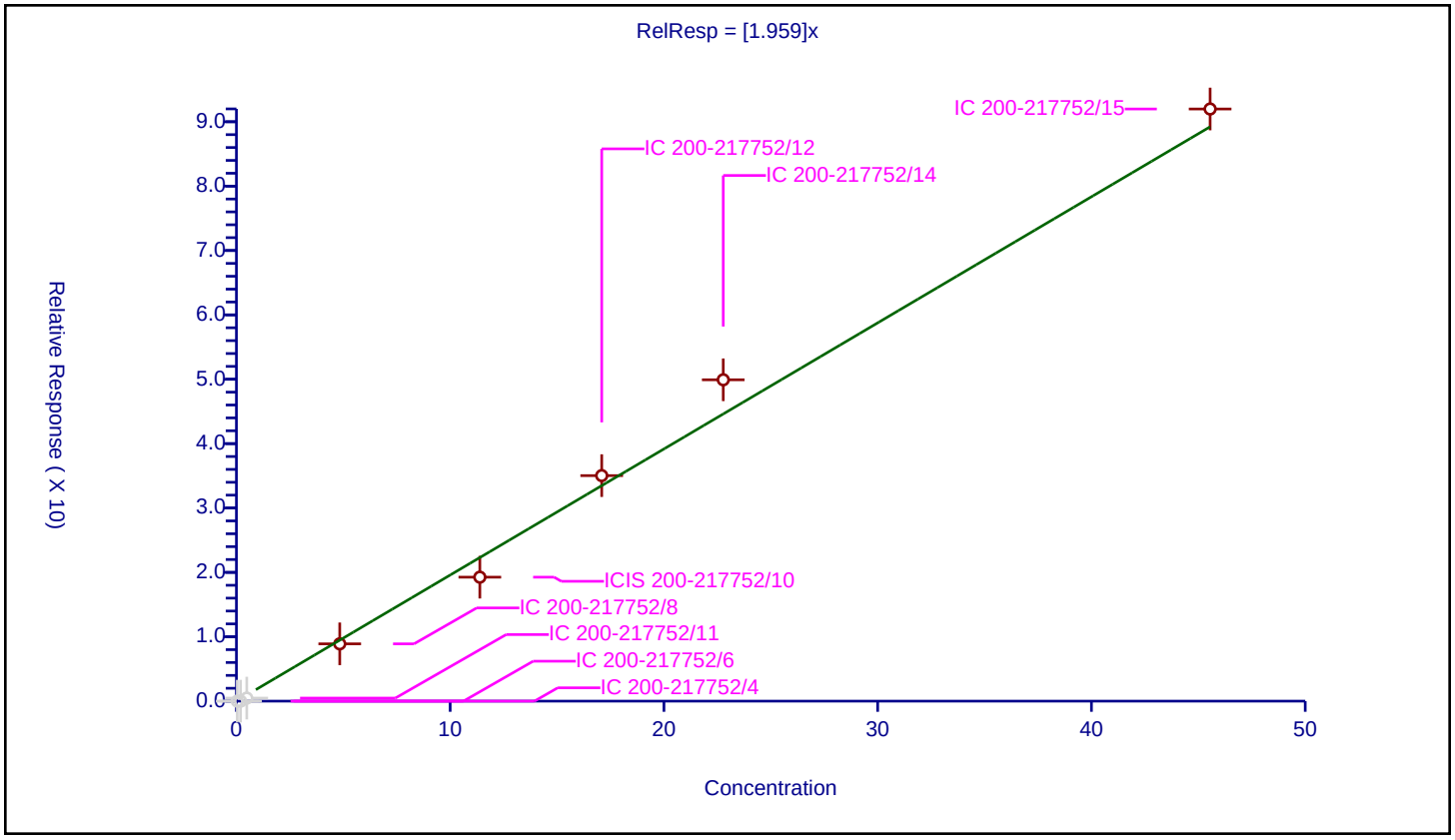
Curve Coefficients

Intercept:	0
Slope:	1.959

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.039953	0.0	10.0	286470.0	0.0	N
2	IC 200-217752/6	0.194056	0.0	10.0	259176.0	0.0	N
3	IC 200-217752/11	0.484513	0.471714	10.0	262087.0	0.973583	N
4	IC 200-217752/8	4.83355	8.900108	10.0	240460.0	1.841319	Y
5	ICIS 200-217752/10	11.38779	19.257311	10.0	275149.0	1.691049	Y
6	IC 200-217752/12	17.089051	35.031958	10.0	273953.0	2.049965	Y
7	IC 200-217752/14	22.77558	49.920678	10.0	272687.0	2.191851	Y
8	IC 200-217752/15	45.551161	91.983227	10.0	260772.0	2.019339	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

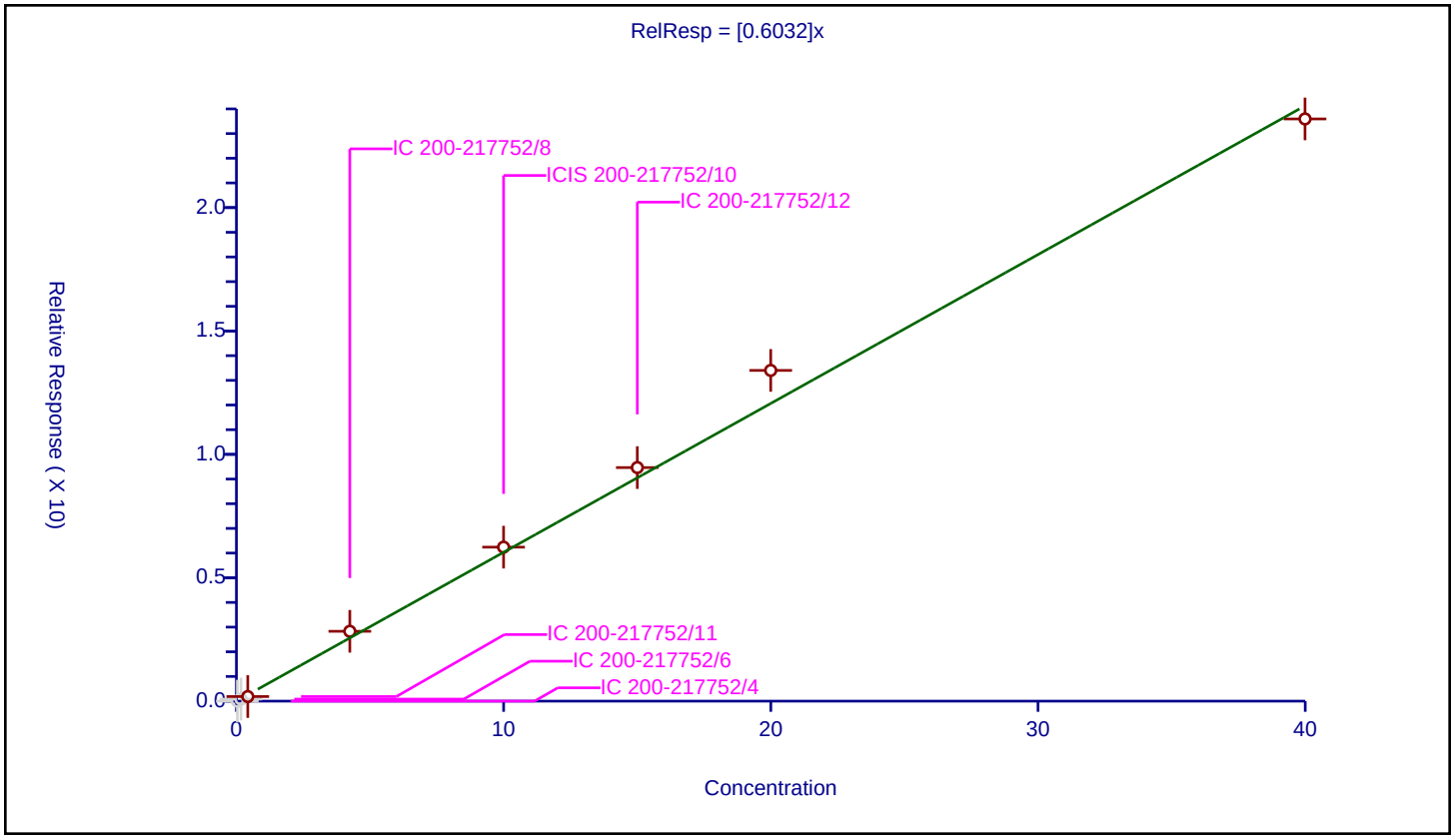
Curve Coefficients

Intercept:	0
Slope:	0.6032

Error Coefficients

Relative Standard Deviation:	14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.0	10.0	286470.0	0.0	N
2	IC 200-217752/6	0.170374	0.083032	10.0	259176.0	0.487354	N
3	IC 200-217752/11	0.425385	0.186083	10.0	262087.0	0.437447	Y
4	IC 200-217752/8	4.243678	2.8302	10.0	240460.0	0.666922	Y
5	ICIS 200-217752/10	9.99806	6.239528	10.0	275149.0	0.624074	Y
6	IC 200-217752/12	15.003557	9.465346	10.0	273953.0	0.630873	Y
7	IC 200-217752/14	19.99612	13.401886	10.0	272687.0	0.670224	Y
8	IC 200-217752/15	39.99224	23.592985	10.0	260772.0	0.589939	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

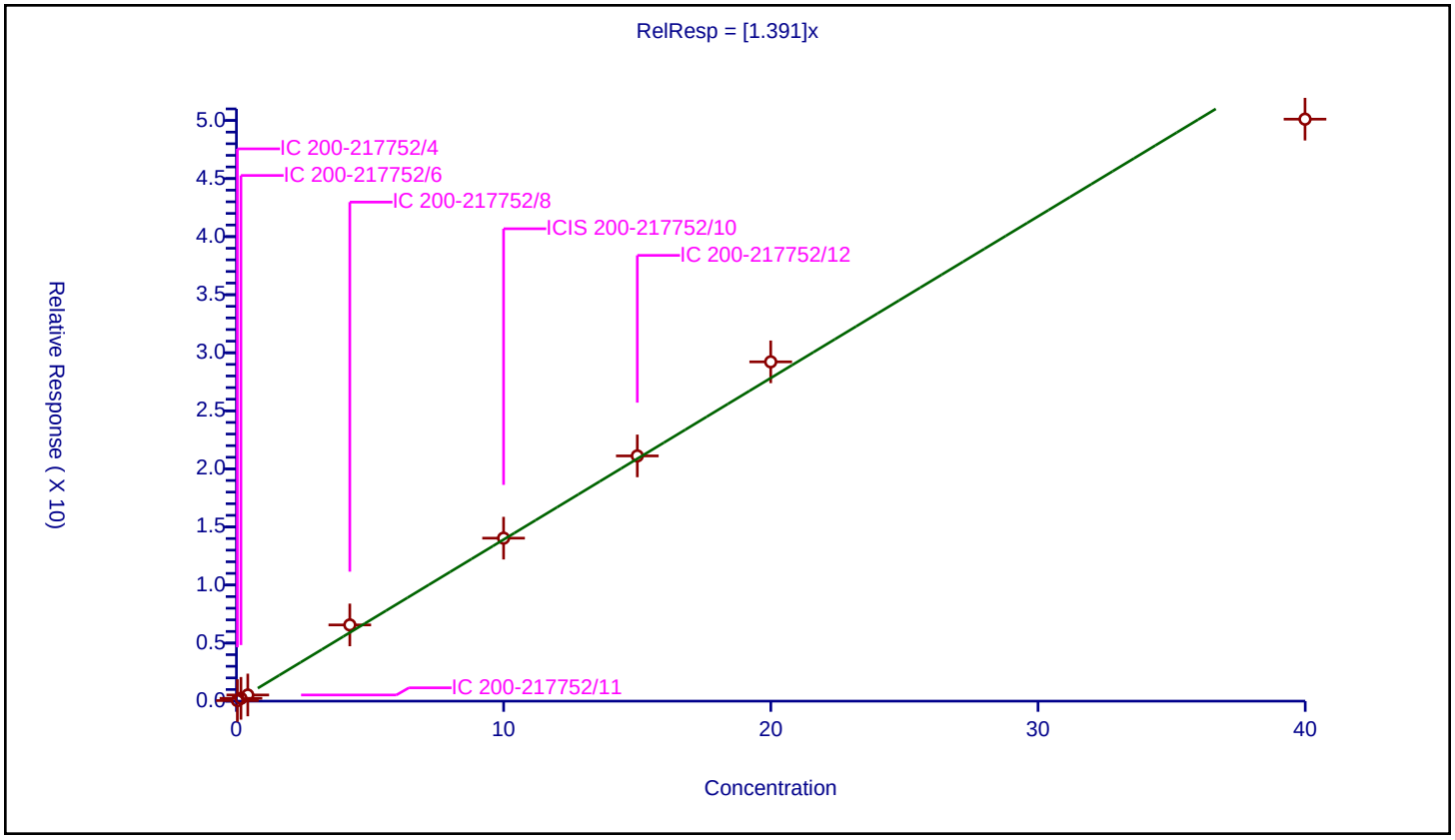
Curve Coefficients

Intercept:	0
Slope:	1.391

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.048975	10.0	286470.0	1.396229	Y
2	IC 200-217752/6	0.170374	0.241419	10.0	259176.0	1.416996	Y
3	IC 200-217752/11	0.425385	0.530015	10.0	262087.0	1.245966	Y
4	IC 200-217752/8	4.243678	6.562173	10.0	240460.0	1.546341	Y
5	ICIS 200-217752/10	9.99806	14.036031	10.0	275149.0	1.403876	Y
6	IC 200-217752/12	15.003557	21.117272	10.0	273953.0	1.407484	Y
7	IC 200-217752/14	19.99612	29.217234	10.0	272687.0	1.461145	Y
8	IC 200-217752/15	39.99224	50.114775	10.0	260772.0	1.253112	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

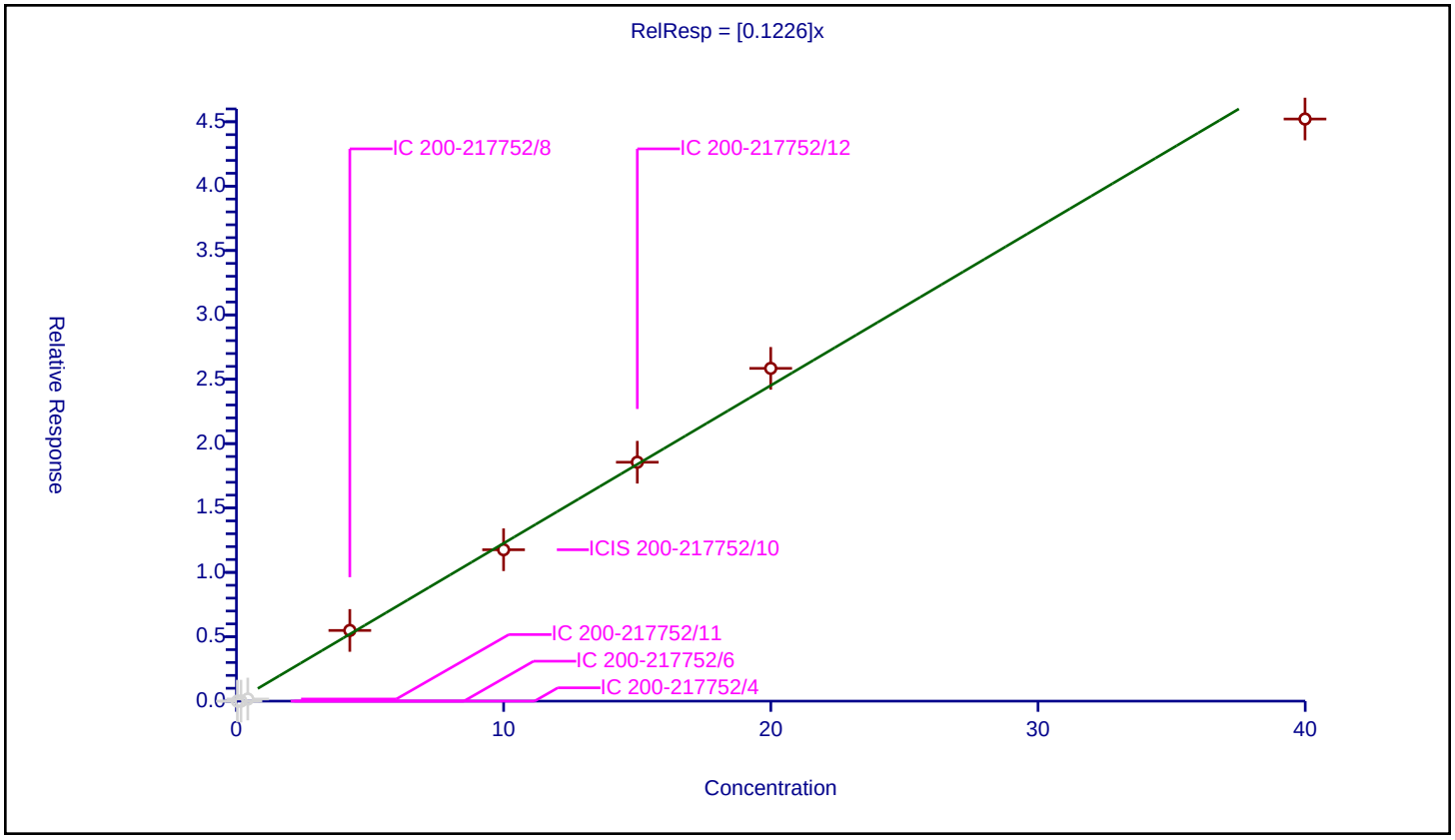
Curve Coefficients

Intercept:	0
Slope:	0.1226

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.0	10.0	286470.0	0.0	N
2	IC 200-217752/6	0.170374	0.0	10.0	259176.0	0.0	N
3	IC 200-217752/11	0.425385	0.016407	10.0	262087.0	0.038569	N
4	IC 200-217752/8	4.243678	0.549197	10.0	240460.0	0.129415	Y
5	ICIS 200-217752/10	9.99806	1.176017	10.0	275149.0	0.117625	Y
6	IC 200-217752/12	15.003557	1.855756	10.0	273953.0	0.123688	Y
7	IC 200-217752/14	19.99612	2.584648	10.0	272687.0	0.129257	Y
8	IC 200-217752/15	39.99224	4.521306	10.0	260772.0	0.113055	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

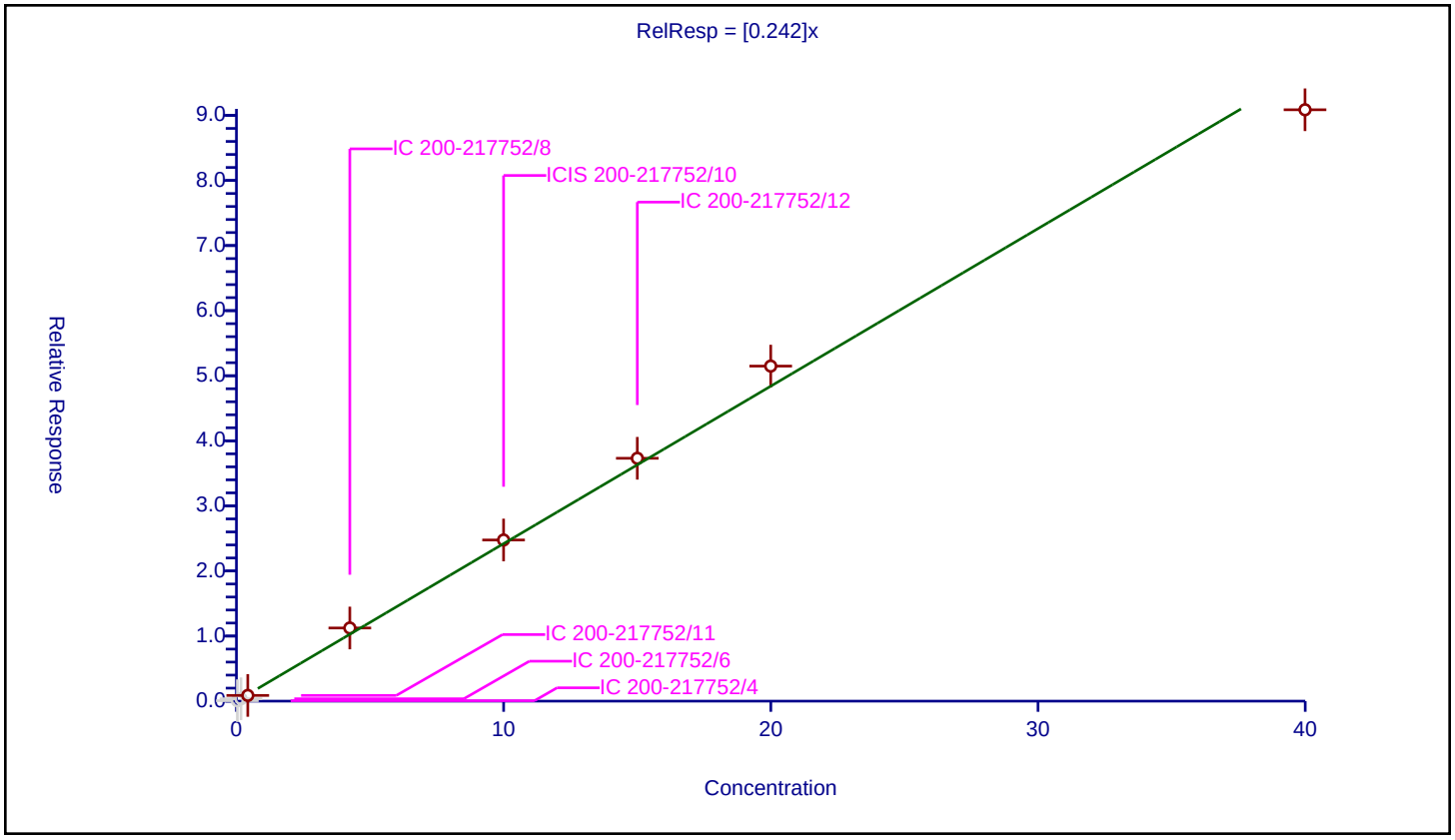
Curve Coefficients

Intercept:	0
Slope:	0.242

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.006656	10.0	1451312.0	0.189756	N
2	IC 200-217752/6	0.170374	0.036818	10.0	1288504.0	0.216101	N
3	IC 200-217752/11	0.425385	0.087743	10.0	1312246.0	0.206267	Y
4	IC 200-217752/8	4.243678	1.123928	10.0	1212934.0	0.264847	Y
5	ICIS 200-217752/10	9.99806	2.475897	10.0	1374540.0	0.247638	Y
6	IC 200-217752/12	15.003557	3.731775	10.0	1395009.0	0.248726	Y
7	IC 200-217752/14	19.99612	5.148056	10.0	1386265.0	0.257453	Y
8	IC 200-217752/15	39.99224	9.086636	10.0	1319463.0	0.22721	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

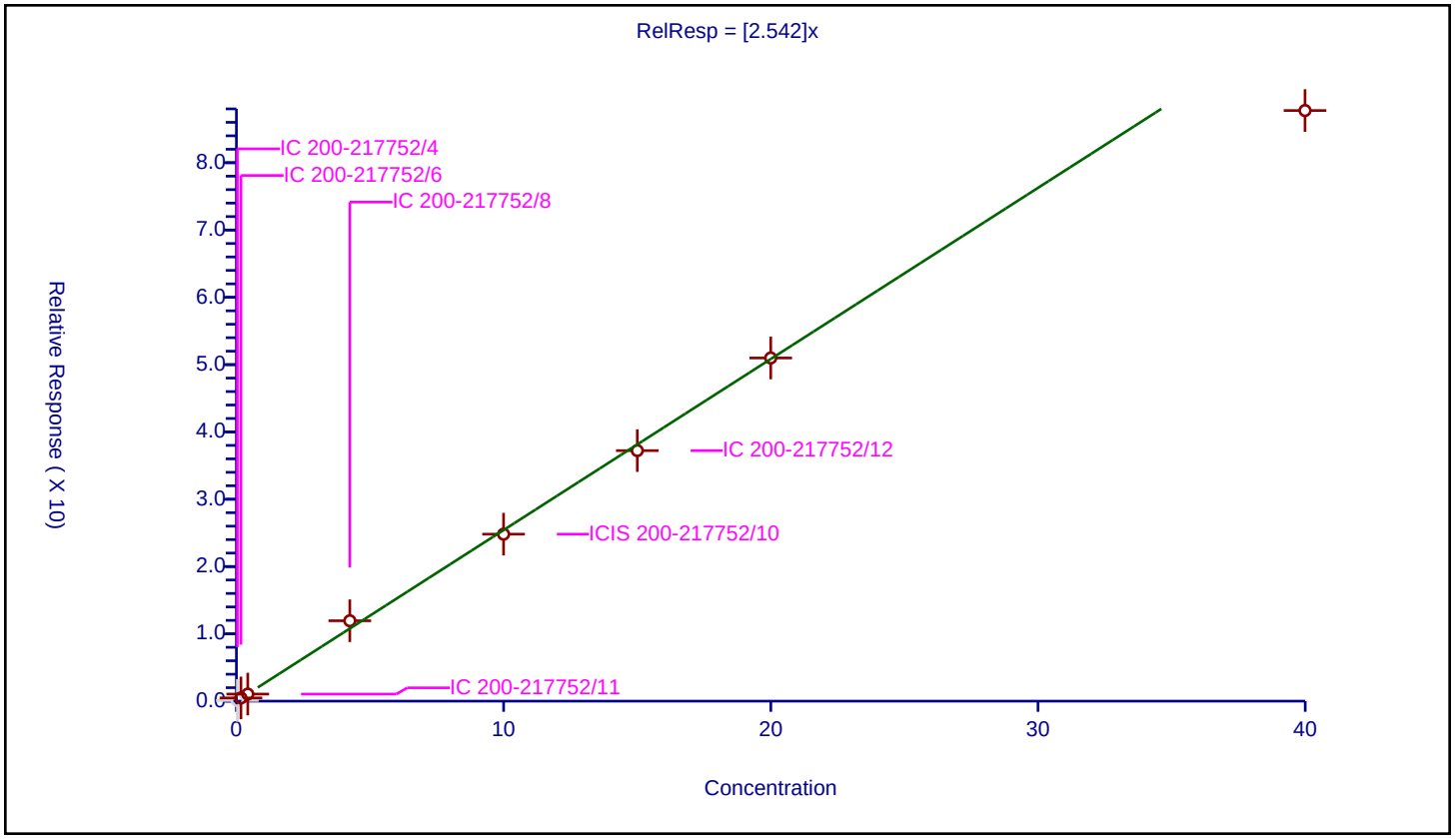
Curve Coefficients

Intercept:	0
Slope:	2.542

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.097951	10.0	286470.0	2.792459	N
2	IC 200-217752/6	0.170374	0.477475	10.0	259176.0	2.802514	Y
3	IC 200-217752/11	0.425385	1.051521	10.0	262087.0	2.47193	Y
4	IC 200-217752/8	4.243678	11.943982	10.0	240460.0	2.814535	Y
5	ICIS 200-217752/10	9.99806	24.811175	10.0	275149.0	2.481599	Y
6	IC 200-217752/12	15.003557	37.224378	10.0	273953.0	2.481037	Y
7	IC 200-217752/14	19.99612	50.99077	10.0	272687.0	2.550033	Y
8	IC 200-217752/15	39.99224	87.753785	10.0	260772.0	2.19427	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

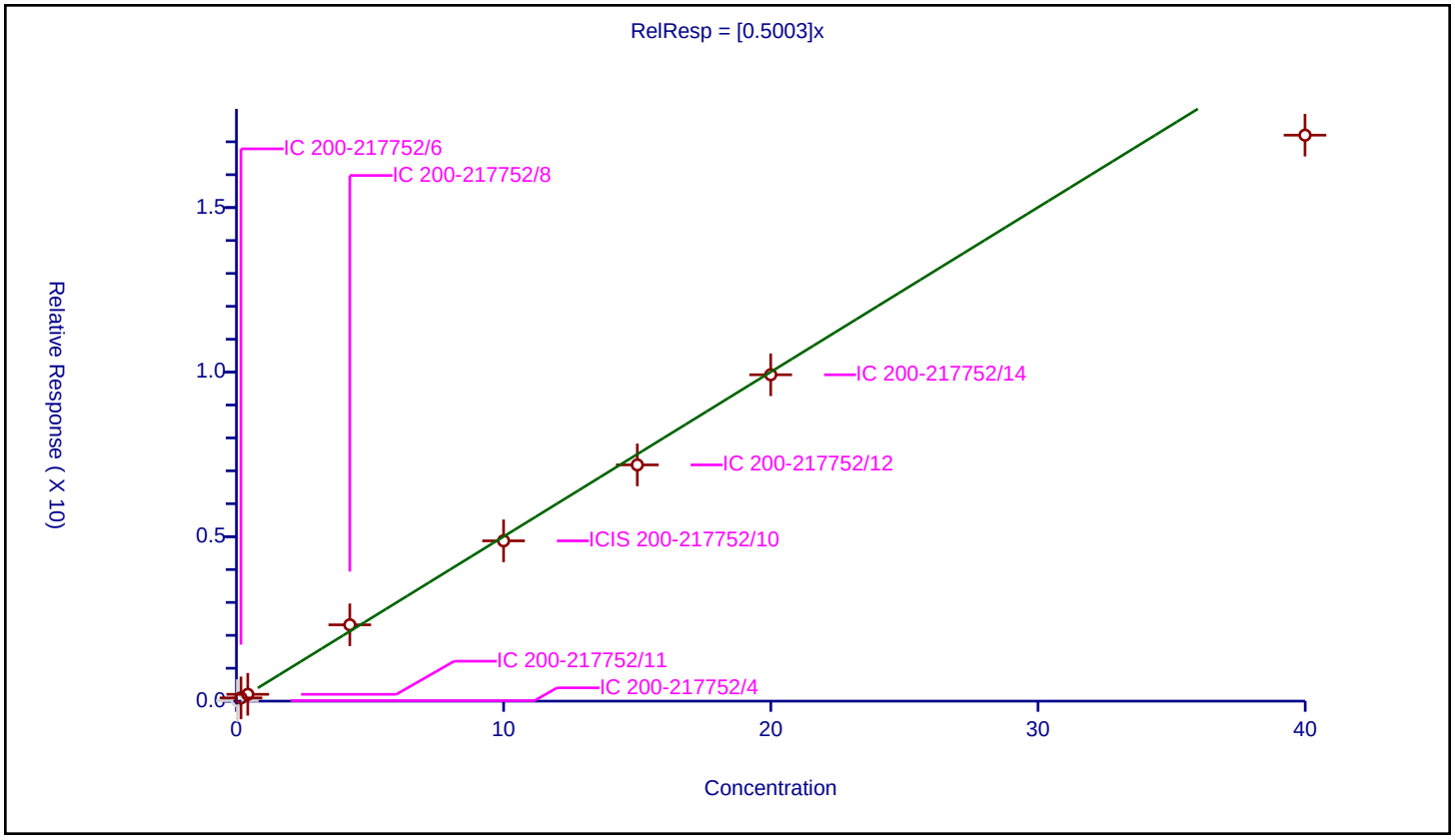
Curve Coefficients

Intercept:	0
Slope:	0.5003

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.014945	10.0	1451312.0	0.426066	N
2	IC 200-217752/6	0.170374	0.09799	10.0	1288504.0	0.575145	Y
3	IC 200-217752/11	0.425385	0.207591	10.0	1312246.0	0.488007	Y
4	IC 200-217752/8	4.243678	2.319467	10.0	1212934.0	0.54657	Y
5	ICIS 200-217752/10	9.99806	4.872095	10.0	1374540.0	0.487304	Y
6	IC 200-217752/12	15.003557	7.180835	10.0	1395009.0	0.478609	Y
7	IC 200-217752/14	19.99612	9.919777	10.0	1386265.0	0.496085	Y
8	IC 200-217752/15	39.99224	17.201854	10.0	1319463.0	0.43013	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

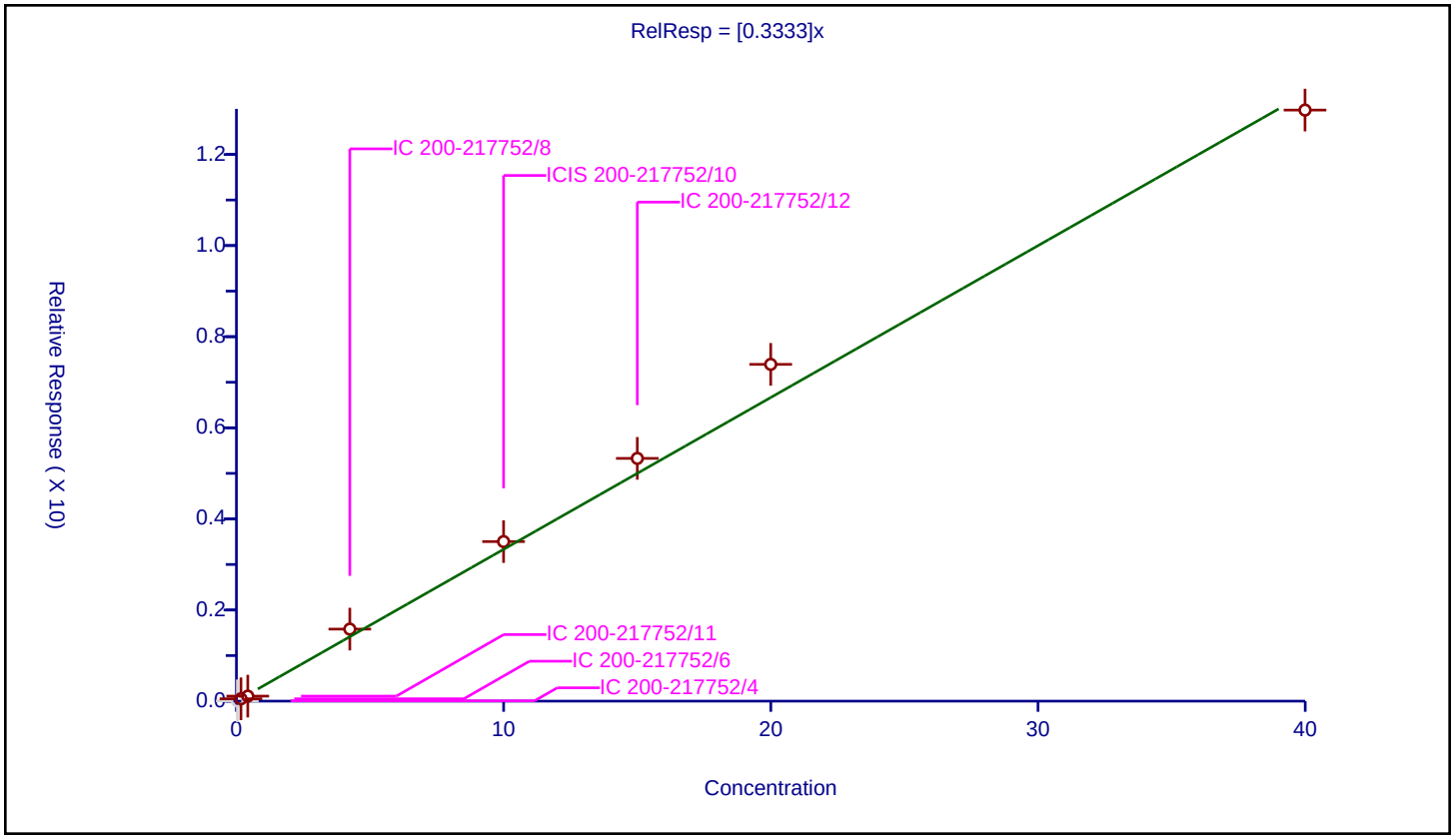
Curve Coefficients

Intercept:	0
Slope:	0.3333

Error Coefficients

Relative Standard Deviation:	12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.006883	10.0	1451312.0	0.196238	N
2	IC 200-217752/6	0.170374	0.051486	10.0	1288504.0	0.302195	Y
3	IC 200-217752/11	0.425385	0.109979	10.0	1312246.0	0.258541	Y
4	IC 200-217752/8	4.243678	1.581356	10.0	1212934.0	0.372638	Y
5	ICIS 200-217752/10	9.99806	3.502481	10.0	1374540.0	0.350316	Y
6	IC 200-217752/12	15.003557	5.32879	10.0	1395009.0	0.355168	Y
7	IC 200-217752/14	19.99612	7.392209	10.0	1386265.0	0.369682	Y
8	IC 200-217752/15	39.99224	12.974195	10.0	1319463.0	0.324418	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

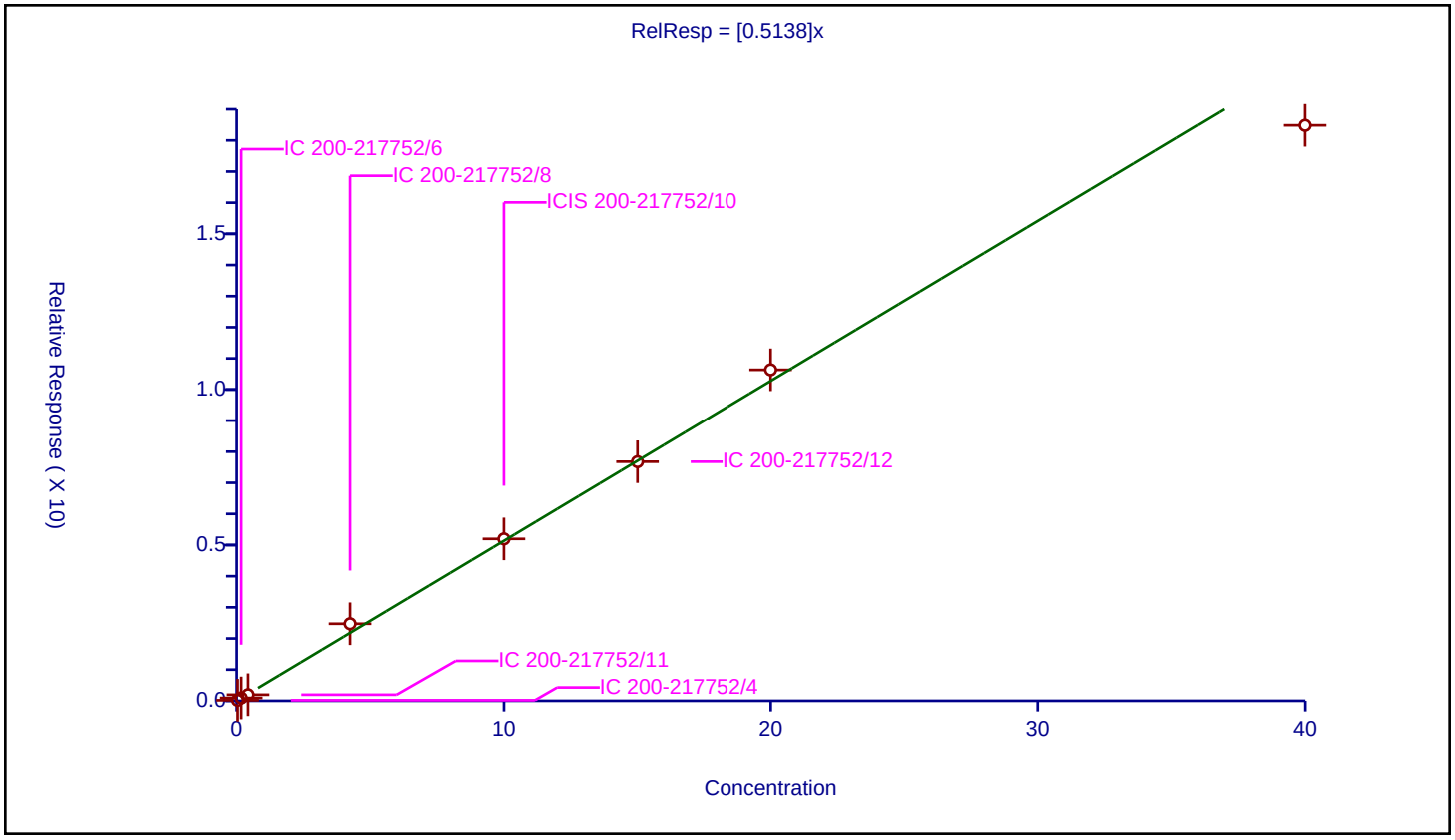
Curve Coefficients

Intercept:	0
Slope:	0.5138

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.017646	10.0	1451312.0	0.503068	Y
2	IC 200-217752/6	0.170374	0.092045	10.0	1288504.0	0.540252	Y
3	IC 200-217752/11	0.425385	0.195169	10.0	1312246.0	0.458806	Y
4	IC 200-217752/8	4.243678	2.472822	10.0	1212934.0	0.582707	Y
5	ICIS 200-217752/10	9.99806	5.197863	10.0	1374540.0	0.519887	Y
6	IC 200-217752/12	15.003557	7.678338	10.0	1395009.0	0.511768	Y
7	IC 200-217752/14	19.99612	10.633118	10.0	1386265.0	0.531759	Y
8	IC 200-217752/15	39.99224	18.483701	10.0	1319463.0	0.462182	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

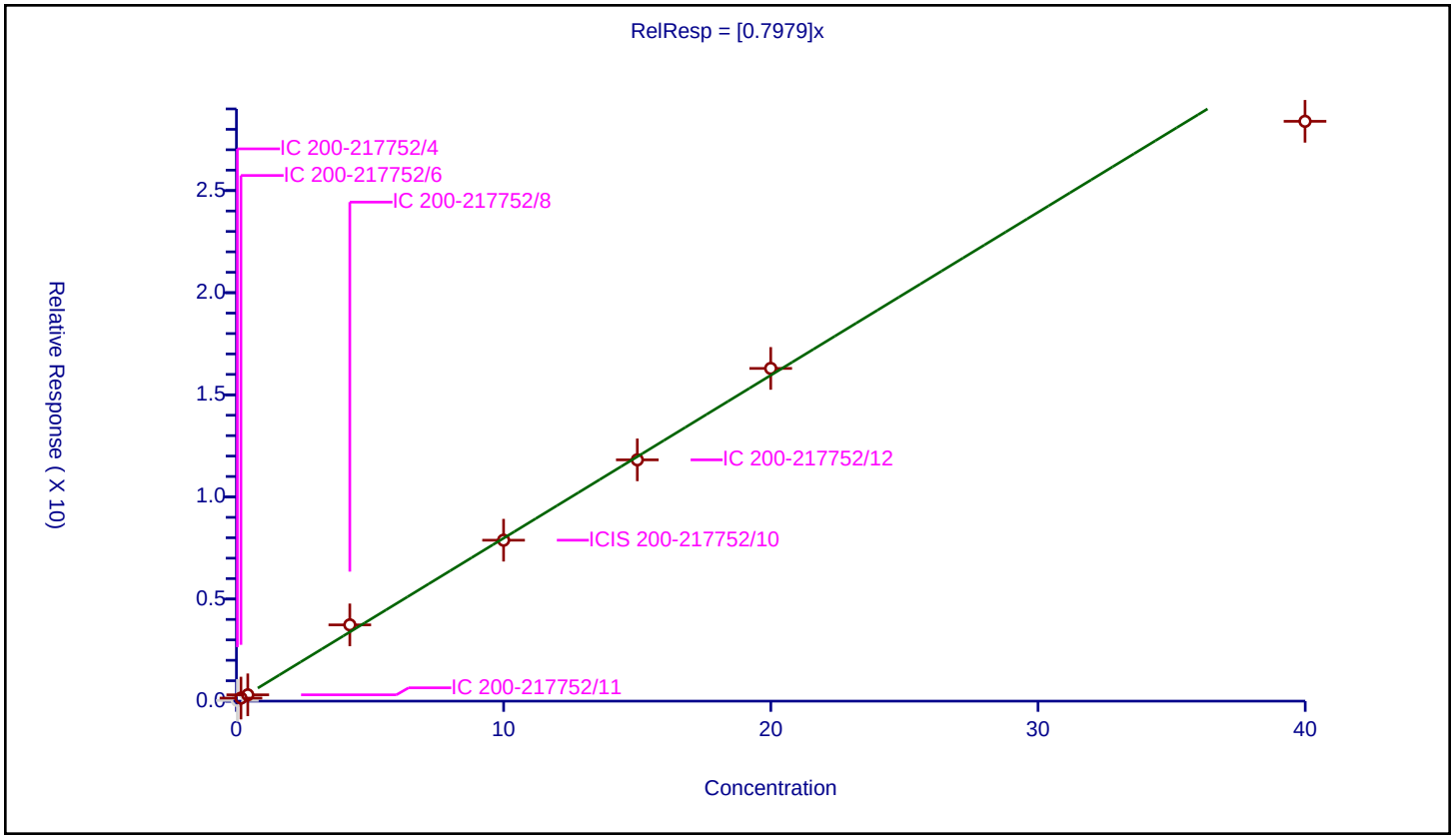
Curve Coefficients

Intercept:	0
Slope:	0.7979

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.0341	10.0	1451312.0	0.972154	N
2	IC 200-217752/6	0.170374	0.149639	10.0	1288504.0	0.878297	Y
3	IC 200-217752/11	0.425385	0.309073	10.0	1312246.0	0.726573	Y
4	IC 200-217752/8	4.243678	3.735009	10.0	1212934.0	0.880135	Y
5	ICIS 200-217752/10	9.99806	7.880586	10.0	1374540.0	0.788211	Y
6	IC 200-217752/12	15.003557	11.815594	10.0	1395009.0	0.78752	Y
7	IC 200-217752/14	19.99612	16.292332	10.0	1386265.0	0.814775	Y
8	IC 200-217752/15	39.99224	28.391967	10.0	1319463.0	0.709937	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

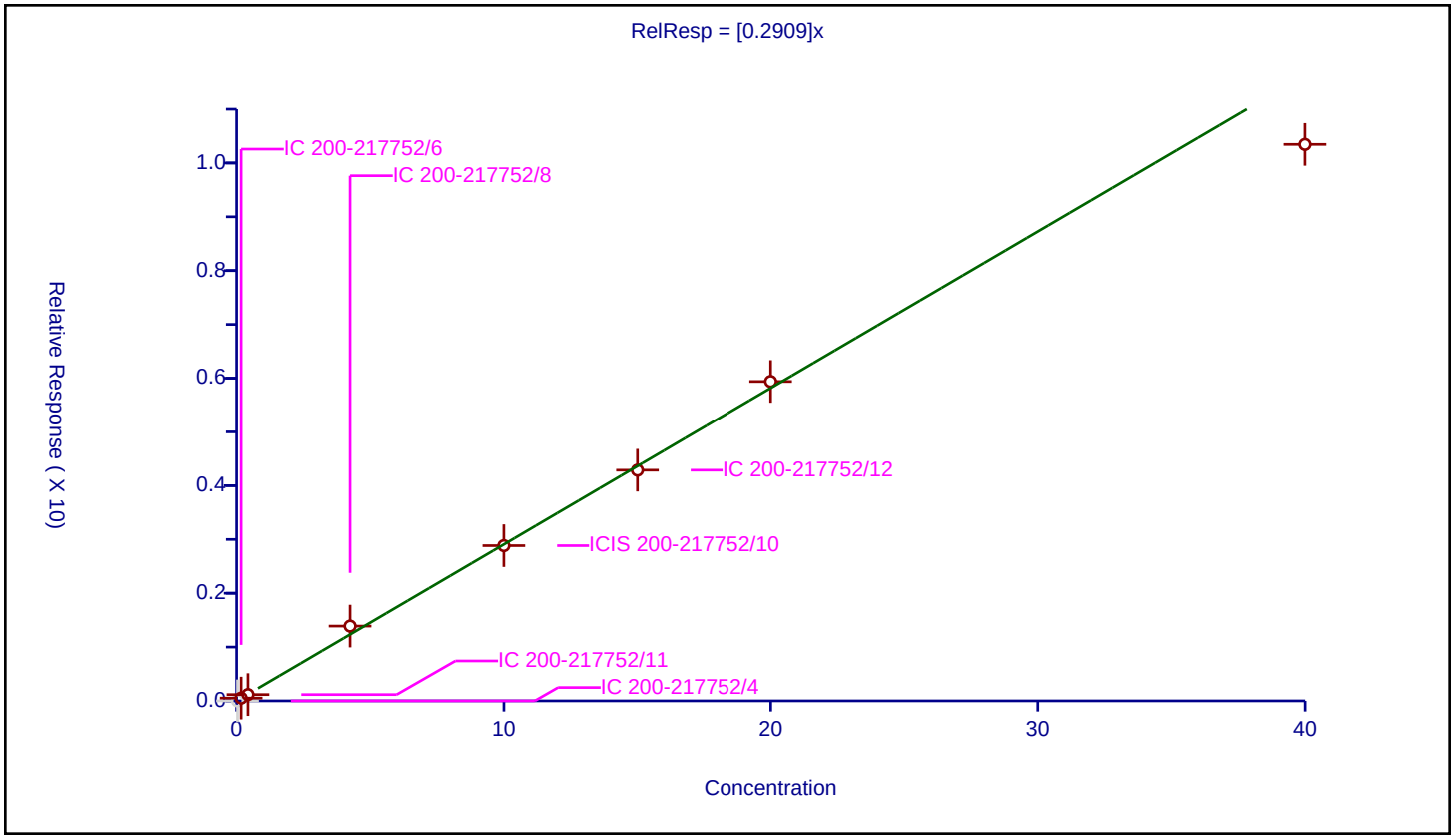
Curve Coefficients

Intercept:	0
Slope:	0.2909

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.0	10.0	1451312.0	0.0	N
2	IC 200-217752/6	0.170374	0.05182	10.0	1288504.0	0.304154	Y
3	IC 200-217752/11	0.425385	0.116685	10.0	1312246.0	0.274306	Y
4	IC 200-217752/8	4.243678	1.389903	10.0	1212934.0	0.327523	Y
5	ICIS 200-217752/10	9.99806	2.88498	10.0	1374540.0	0.288554	Y
6	IC 200-217752/12	15.003557	4.288374	10.0	1395009.0	0.285824	Y
7	IC 200-217752/14	19.99612	5.939124	10.0	1386265.0	0.297014	Y
8	IC 200-217752/15	39.99224	10.345913	10.0	1319463.0	0.258698	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

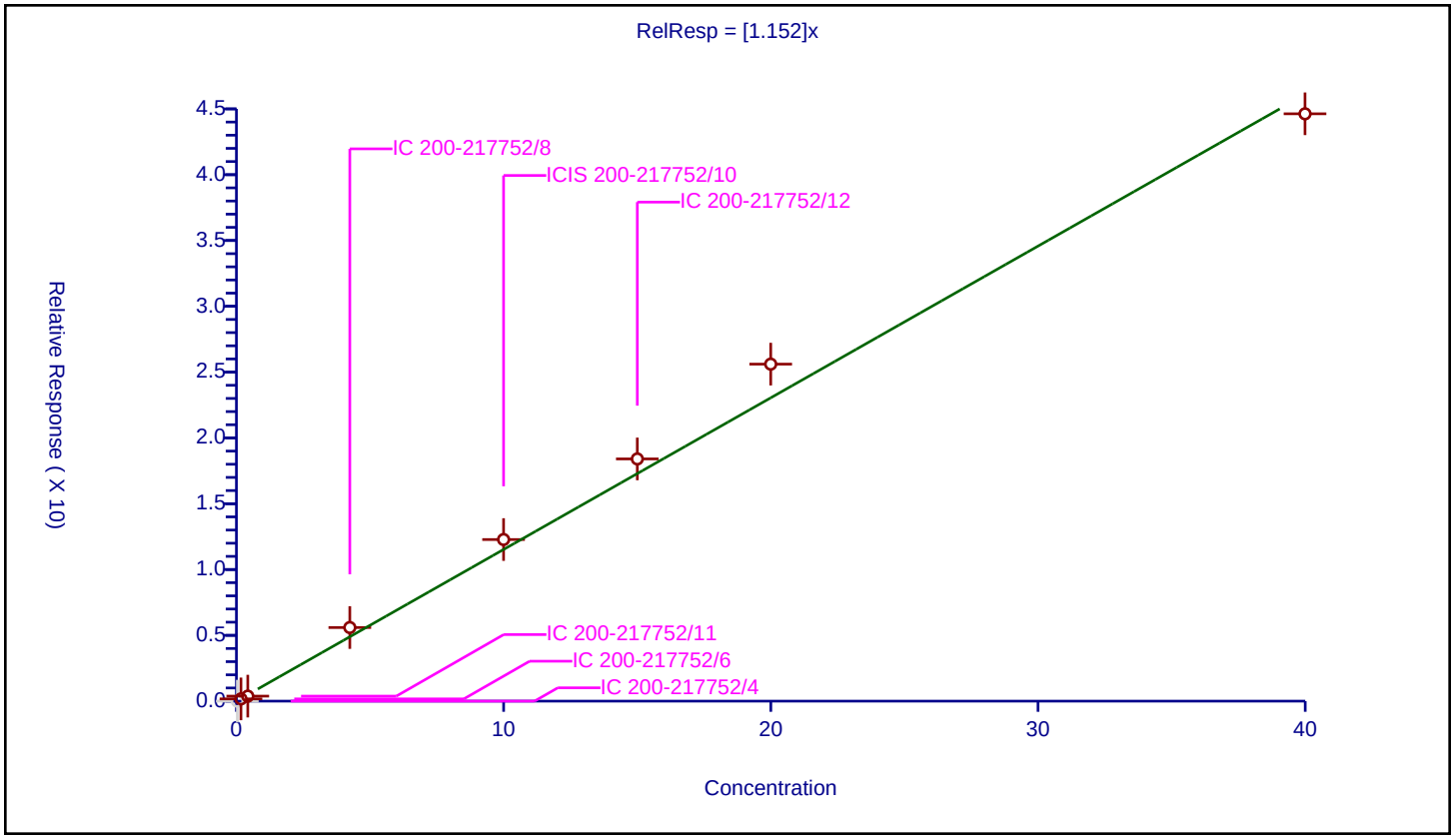
Curve Coefficients

Intercept:	0
Slope:	1.152

Error Coefficients

Relative Standard Deviation:	13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.0	10.0	1451312.0	0.0	N
2	IC 200-217752/6	0.170374	0.170966	10.0	1288504.0	1.003475	Y
3	IC 200-217752/11	0.425385	0.380744	10.0	1312246.0	0.895058	Y
4	IC 200-217752/8	4.243678	5.592068	10.0	1212934.0	1.317741	Y
5	ICIS 200-217752/10	9.99806	12.278537	10.0	1374540.0	1.228092	Y
6	IC 200-217752/12	15.003557	18.404254	10.0	1395009.0	1.226659	Y
7	IC 200-217752/14	19.99612	25.606302	10.0	1386265.0	1.280564	Y
8	IC 200-217752/15	39.99224	44.626609	10.0	1319463.0	1.115882	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

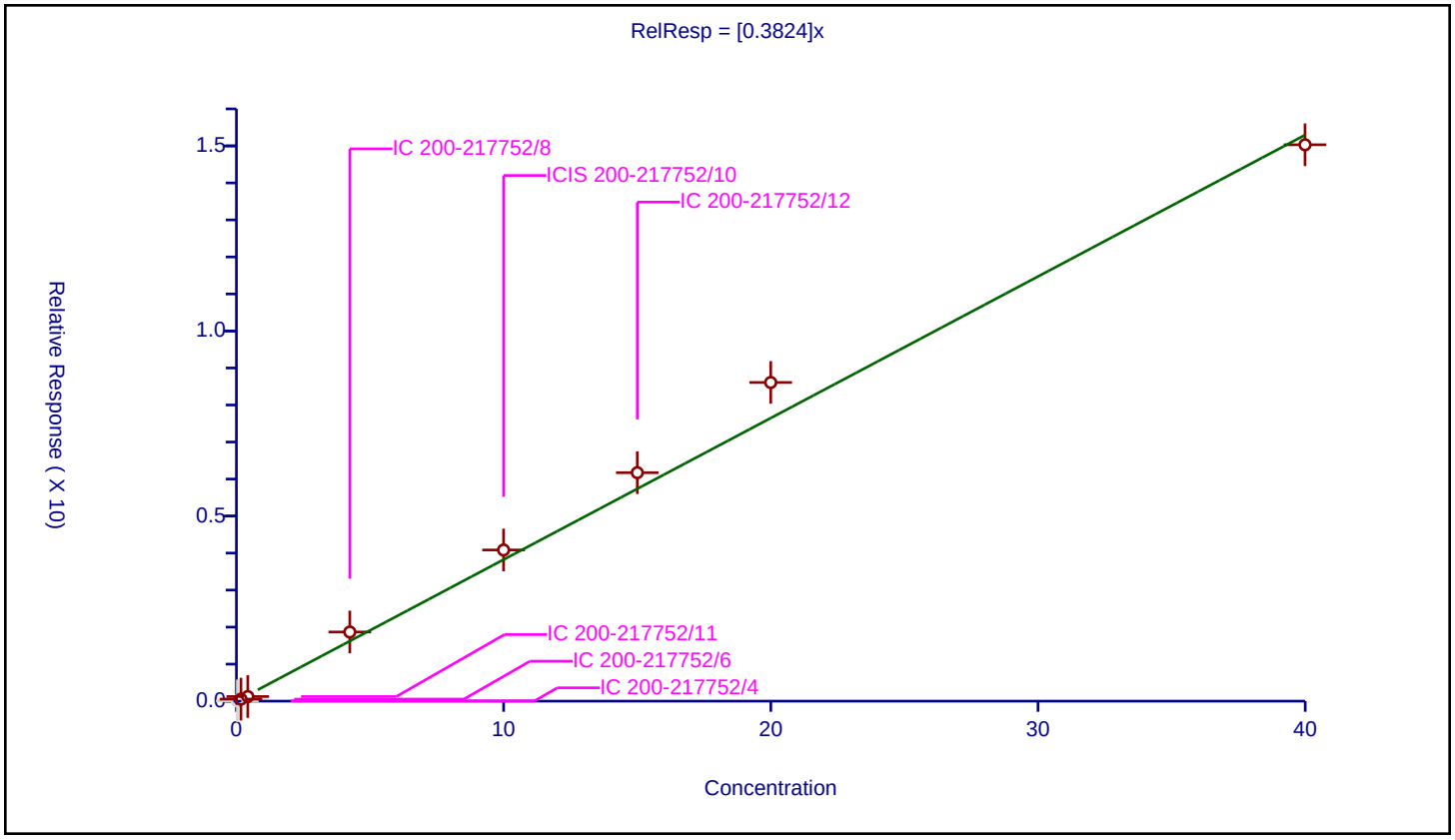
Curve Coefficients

Intercept:	0
Slope:	0.3824

Error Coefficients

Relative Standard Deviation:	14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.006994	10.0	1451312.0	0.199381	N
2	IC 200-217752/6	0.170374	0.054202	10.0	1288504.0	0.318138	Y
3	IC 200-217752/11	0.425385	0.124405	10.0	1312246.0	0.292453	Y
4	IC 200-217752/8	4.243678	1.867661	10.0	1212934.0	0.440104	Y
5	ICIS 200-217752/10	9.99806	4.083599	10.0	1374540.0	0.408439	Y
6	IC 200-217752/12	15.003557	6.172562	10.0	1395009.0	0.411407	Y
7	IC 200-217752/14	19.99612	8.609227	10.0	1386265.0	0.430545	Y
8	IC 200-217752/15	39.99224	15.030433	10.0	1319463.0	0.375834	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

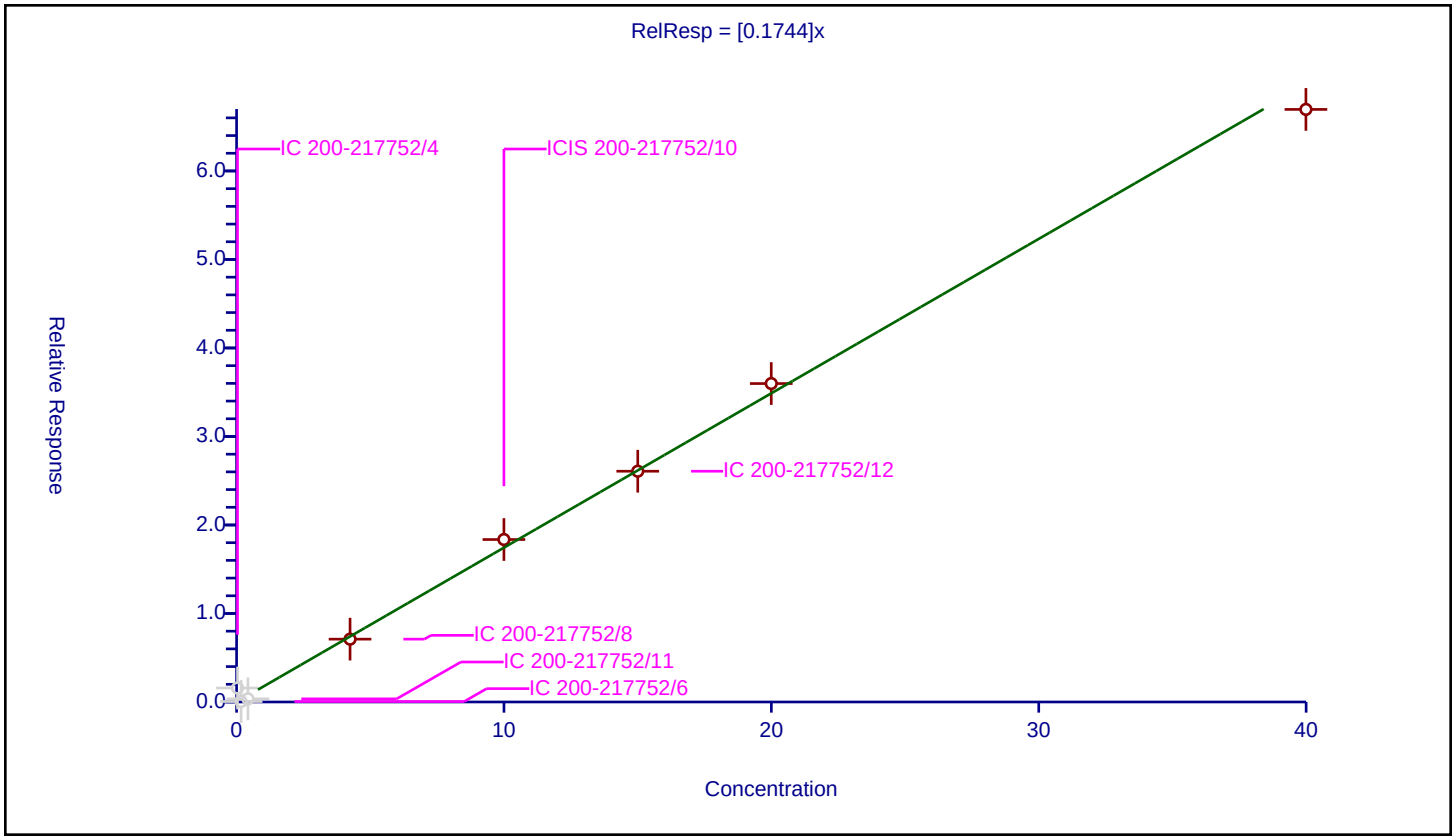
Curve Coefficients

Intercept:	0
Slope:	0.1744

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.158043	10.0	1451312.0	4.505615	N
2	IC 200-217752/6	0.170374	0.005208	10.0	1288504.0	0.030566	N
3	IC 200-217752/11	0.425385	0.035405	10.0	1312246.0	0.08323	N
4	IC 200-217752/8	4.243678	0.70994	10.0	1212934.0	0.167293	Y
5	ICIS 200-217752/10	9.99806	1.835698	10.0	1374540.0	0.183605	Y
6	IC 200-217752/12	15.003557	2.60746	10.0	1395009.0	0.173789	Y
7	IC 200-217752/14	19.99612	3.598165	10.0	1386265.0	0.179943	Y
8	IC 200-217752/15	39.99224	6.695337	10.0	1319463.0	0.167416	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

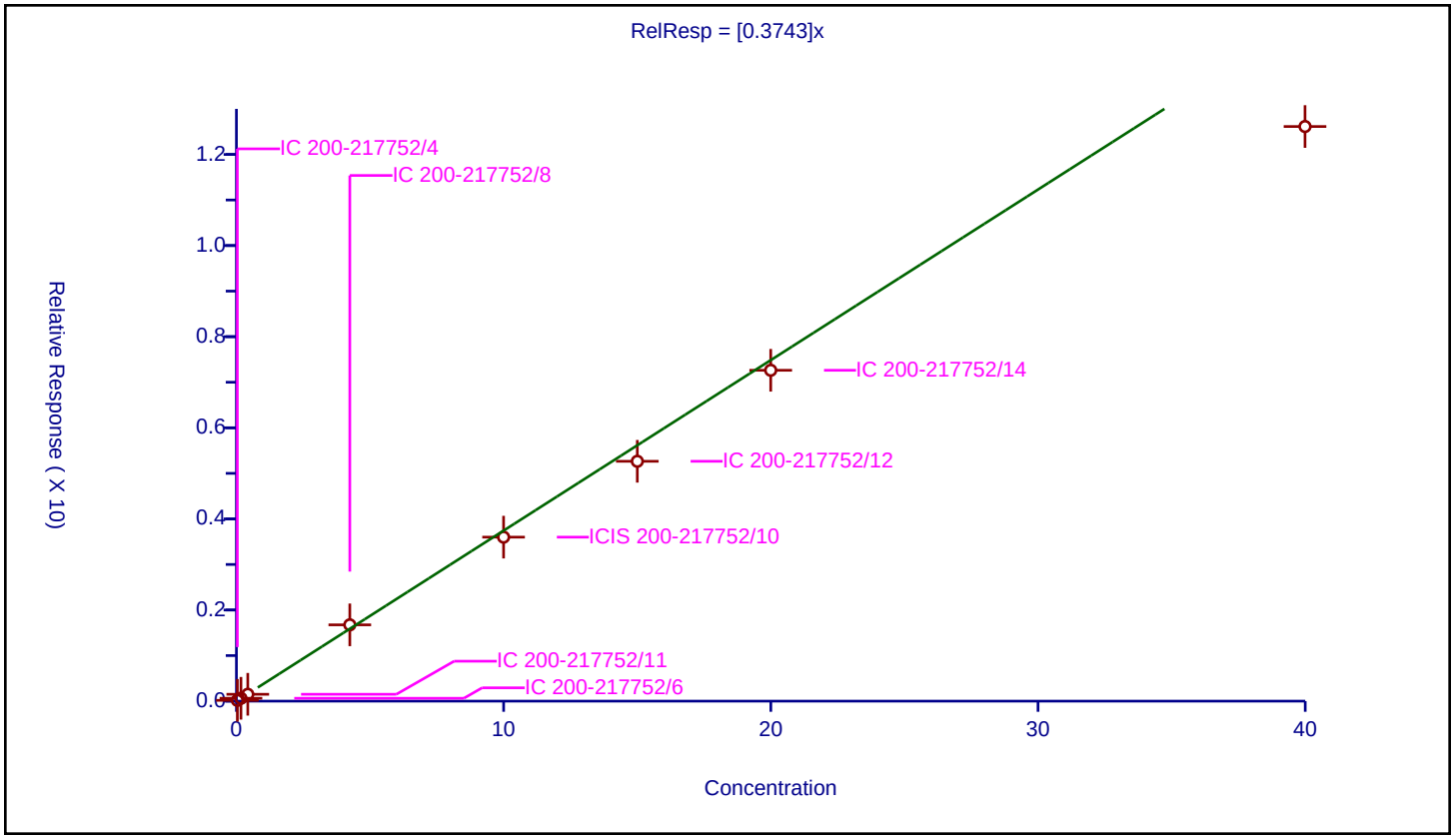
Curve Coefficients

Intercept:	0
Slope:	0.3743

Error Coefficients

Relative Standard Deviation:	13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.017122	10.0	1451312.0	0.488139	Y
2	IC 200-217752/6	0.170374	0.06284	10.0	1288504.0	0.368838	Y
3	IC 200-217752/11	0.425385	0.150292	10.0	1312246.0	0.353308	Y
4	IC 200-217752/8	4.243678	1.674749	10.0	1212934.0	0.394646	Y
5	ICIS 200-217752/10	9.99806	3.599917	10.0	1374540.0	0.360062	Y
6	IC 200-217752/12	15.003557	5.264862	10.0	1395009.0	0.350908	Y
7	IC 200-217752/14	19.99612	7.262392	10.0	1386265.0	0.36319	Y
8	IC 200-217752/15	39.99224	12.61304	10.0	1319463.0	0.315387	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

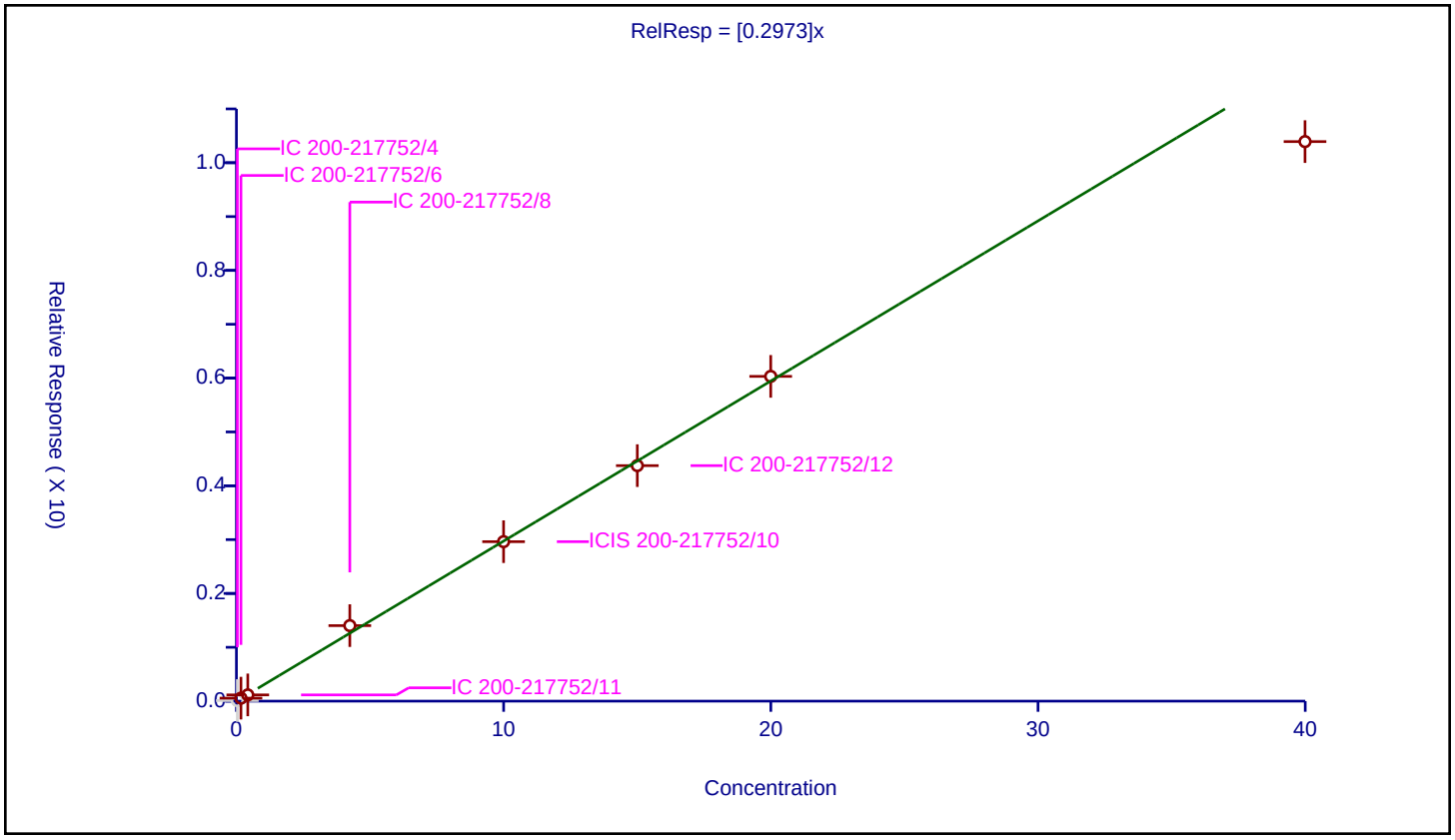
Curve Coefficients

Intercept:	0
Slope:	0.2973

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.010859	10.0	1451312.0	0.309581	N
2	IC 200-217752/6	0.170374	0.055887	10.0	1288504.0	0.328023	Y
3	IC 200-217752/11	0.425385	0.116243	10.0	1312246.0	0.273267	Y
4	IC 200-217752/8	4.243678	1.402896	10.0	1212934.0	0.330585	Y
5	ICIS 200-217752/10	9.99806	2.962009	10.0	1374540.0	0.296258	Y
6	IC 200-217752/12	15.003557	4.374323	10.0	1395009.0	0.291552	Y
7	IC 200-217752/14	19.99612	6.031899	10.0	1386265.0	0.301653	Y
8	IC 200-217752/15	39.99224	10.392319	10.0	1319463.0	0.259858	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

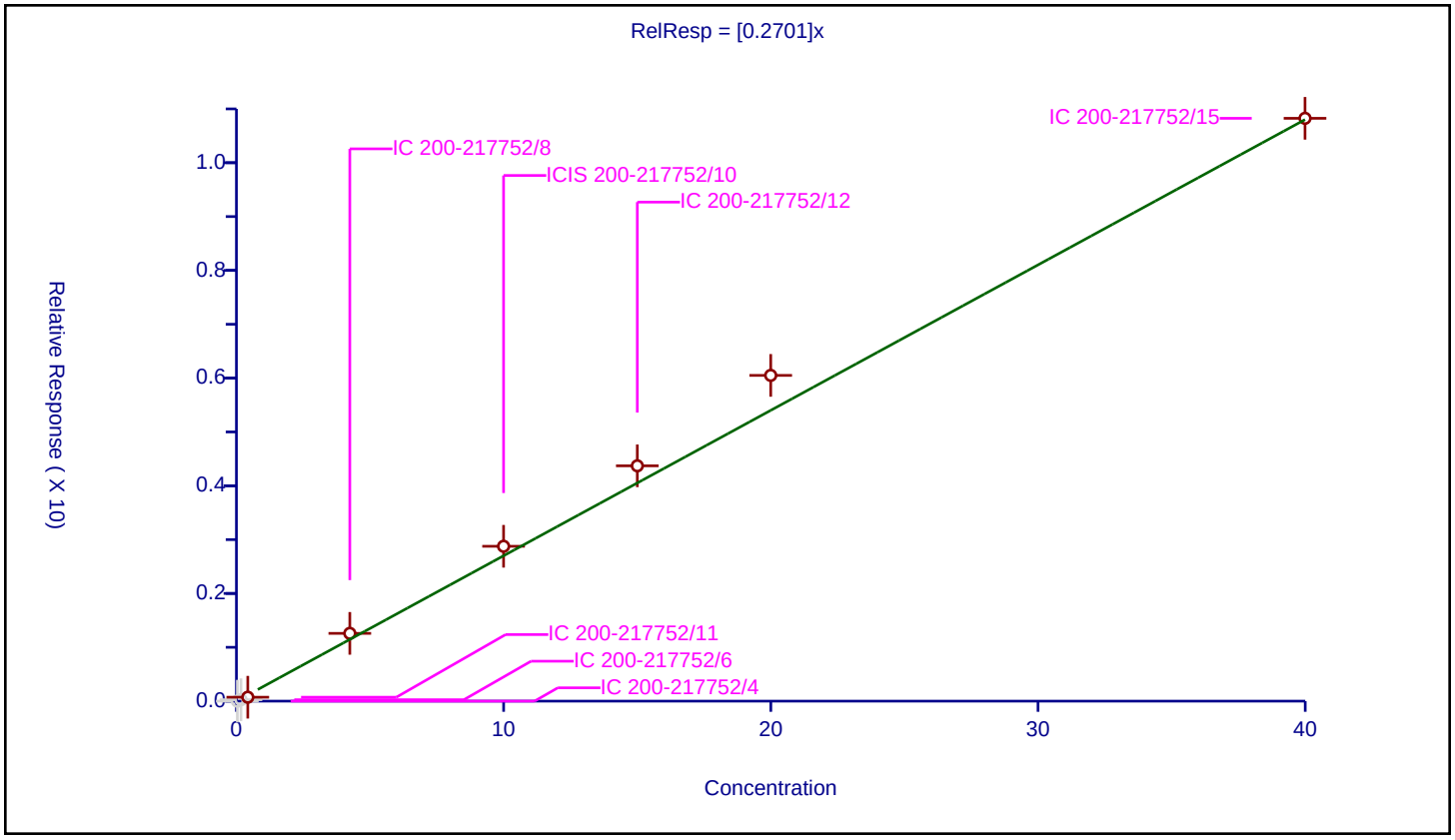
Curve Coefficients

Intercept:	0
Slope:	0.2701

Error Coefficients

Relative Standard Deviation:	18.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.0	10.0	1451312.0	0.0	N
2	IC 200-217752/6	0.170374	0.026511	10.0	1288504.0	0.155607	N
3	IC 200-217752/11	0.425385	0.073035	10.0	1312246.0	0.171692	Y
4	IC 200-217752/8	4.243678	1.258543	10.0	1212934.0	0.296569	Y
5	ICIS 200-217752/10	9.99806	2.876184	10.0	1374540.0	0.287674	Y
6	IC 200-217752/12	15.003557	4.370595	10.0	1395009.0	0.291304	Y
7	IC 200-217752/14	19.99612	6.050005	10.0	1386265.0	0.302559	Y
8	IC 200-217752/15	39.99224	10.825002	10.0	1319463.0	0.270678	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

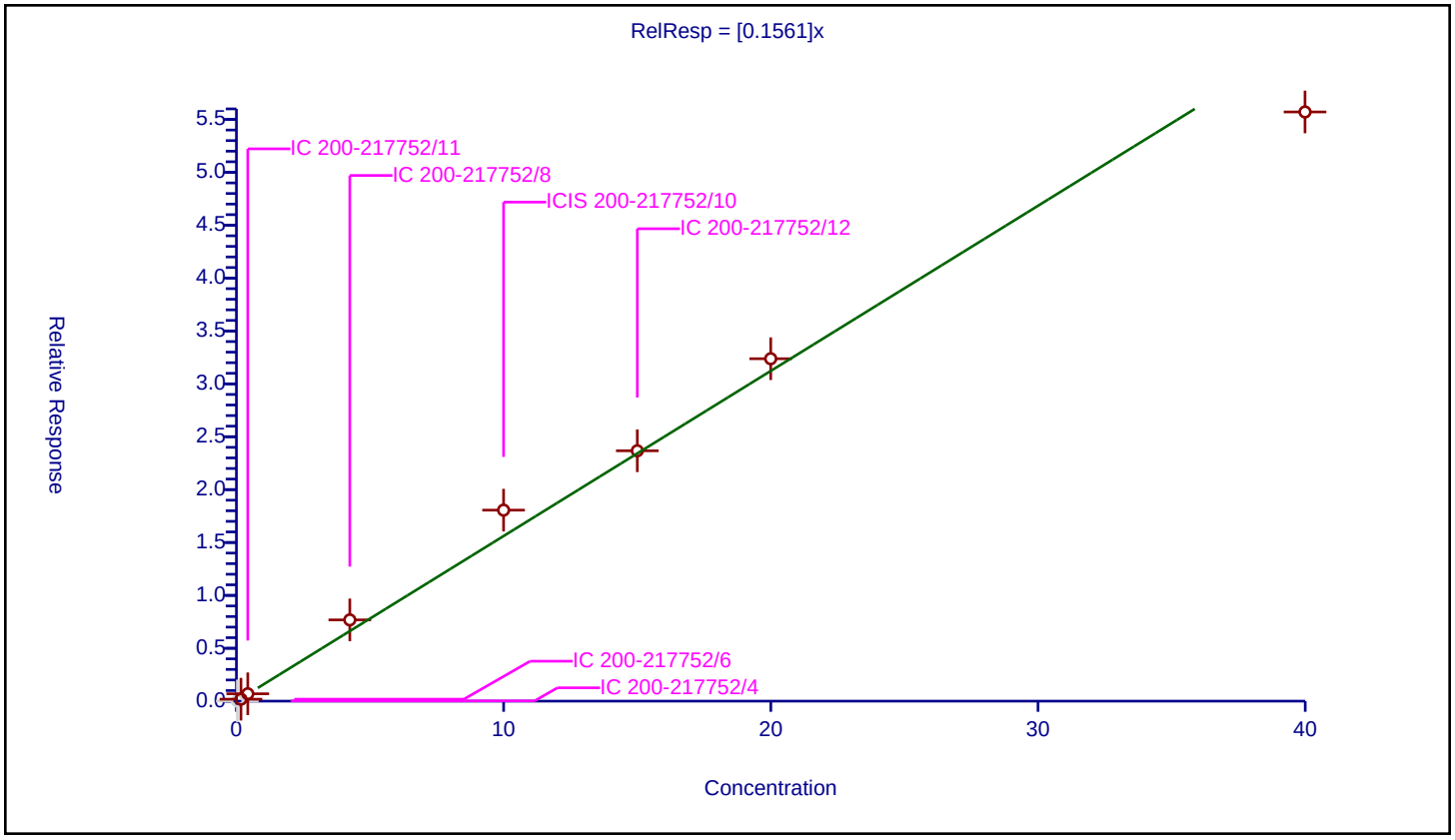
Curve Coefficients

Intercept:	0
Slope:	0.1561

Error Coefficients

Relative Standard Deviation:	16.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.002053	10.0	1451312.0	0.058537	N
2	IC 200-217752/6	0.170374	0.018471	10.0	1288504.0	0.108415	Y
3	IC 200-217752/11	0.425385	0.069705	10.0	1312246.0	0.163863	Y
4	IC 200-217752/8	4.243678	0.768129	10.0	1212934.0	0.181006	Y
5	ICIS 200-217752/10	9.99806	1.806081	10.0	1374540.0	0.180643	Y
6	IC 200-217752/12	15.003557	2.367325	10.0	1395009.0	0.157784	Y
7	IC 200-217752/14	19.99612	3.237693	10.0	1386265.0	0.161916	Y
8	IC 200-217752/15	39.99224	5.571085	10.0	1319463.0	0.139304	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

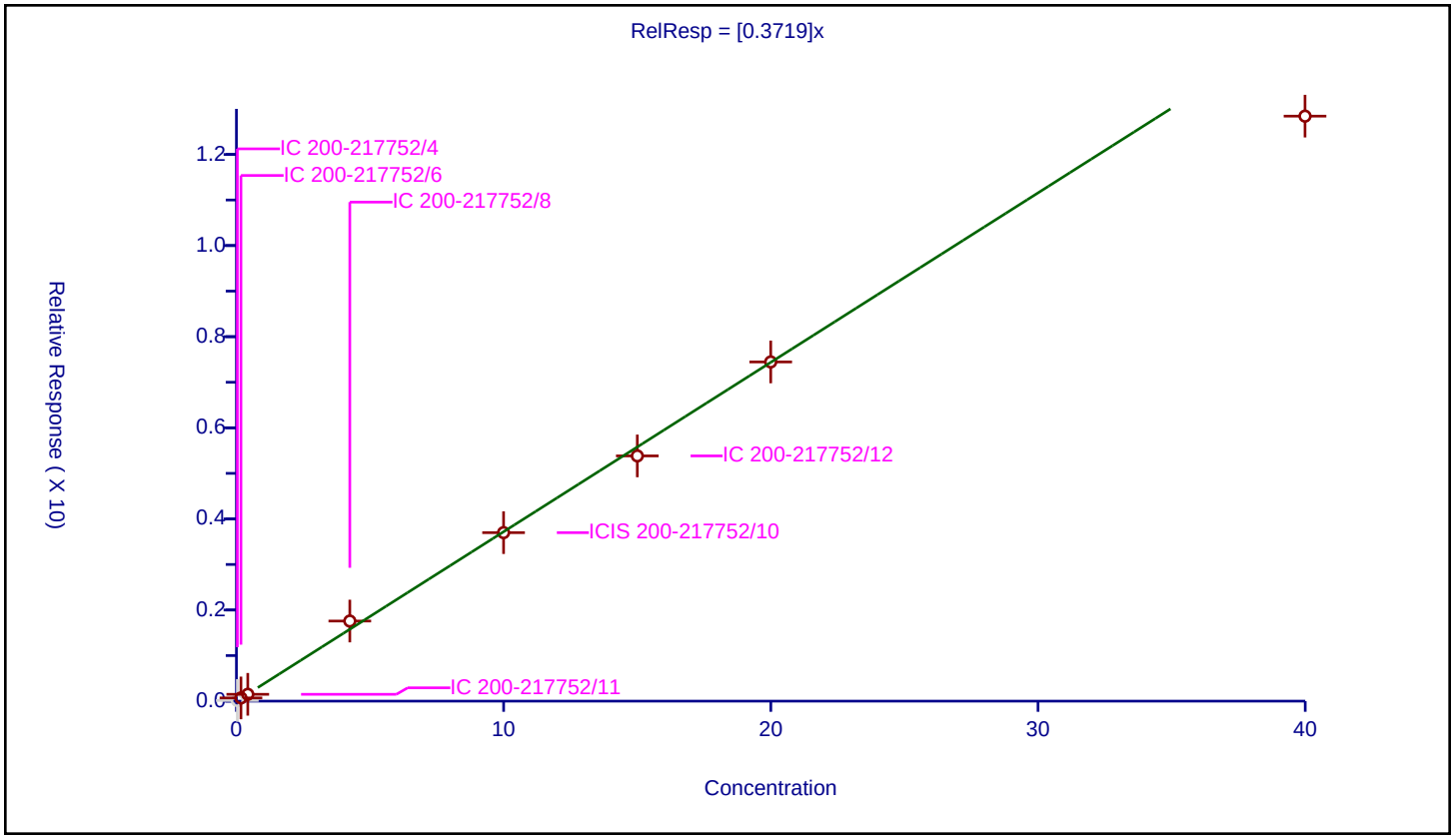
Curve Coefficients

Intercept:	0
Slope:	0.3719

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.014091	10.0	1451312.0	0.401708	N
2	IC 200-217752/6	0.170374	0.070493	10.0	1288504.0	0.413753	Y
3	IC 200-217752/11	0.425385	0.150109	10.0	1312246.0	0.352878	Y
4	IC 200-217752/8	4.243678	1.758414	10.0	1212934.0	0.414361	Y
5	ICIS 200-217752/10	9.99806	3.698503	10.0	1374540.0	0.369922	Y
6	IC 200-217752/12	15.003557	5.383141	10.0	1395009.0	0.358791	Y
7	IC 200-217752/14	19.99612	7.445524	10.0	1386265.0	0.372348	Y
8	IC 200-217752/15	39.99224	12.840815	10.0	1319463.0	0.321083	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

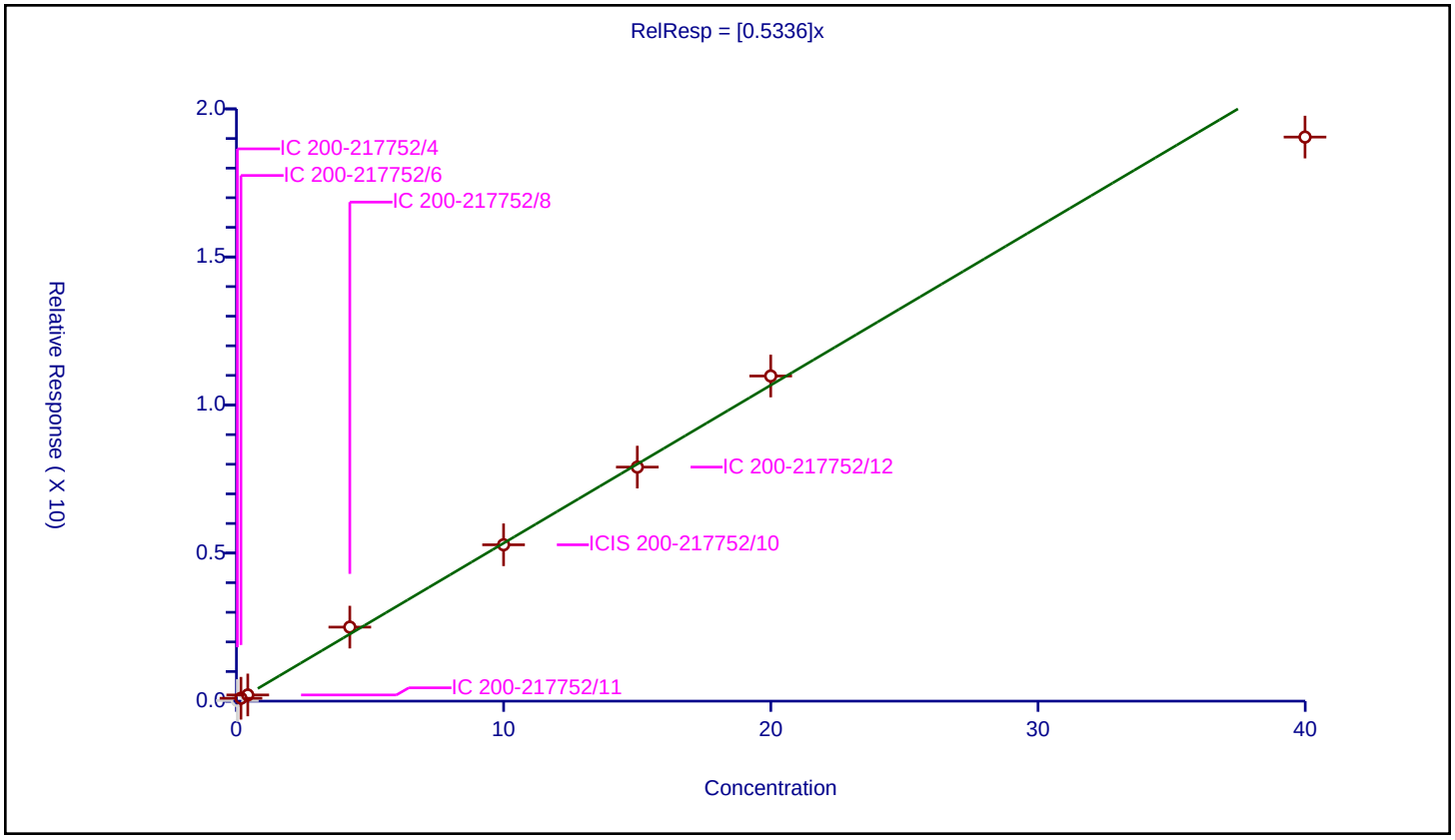
Curve Coefficients

Intercept:	0
Slope:	0.5336

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.020051	10.0	1451312.0	0.571624	N
2	IC 200-217752/6	0.170374	0.097819	10.0	1288504.0	0.574143	Y
3	IC 200-217752/11	0.425385	0.209046	10.0	1312246.0	0.491429	Y
4	IC 200-217752/8	4.243678	2.500103	10.0	1212934.0	0.589136	Y
5	ICIS 200-217752/10	9.99806	5.280188	10.0	1374540.0	0.528121	Y
6	IC 200-217752/12	15.003557	7.903447	10.0	1395009.0	0.526772	Y
7	IC 200-217752/14	19.99612	10.979683	10.0	1386265.0	0.549091	Y
8	IC 200-217752/15	39.99224	19.048189	10.0	1319463.0	0.476297	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

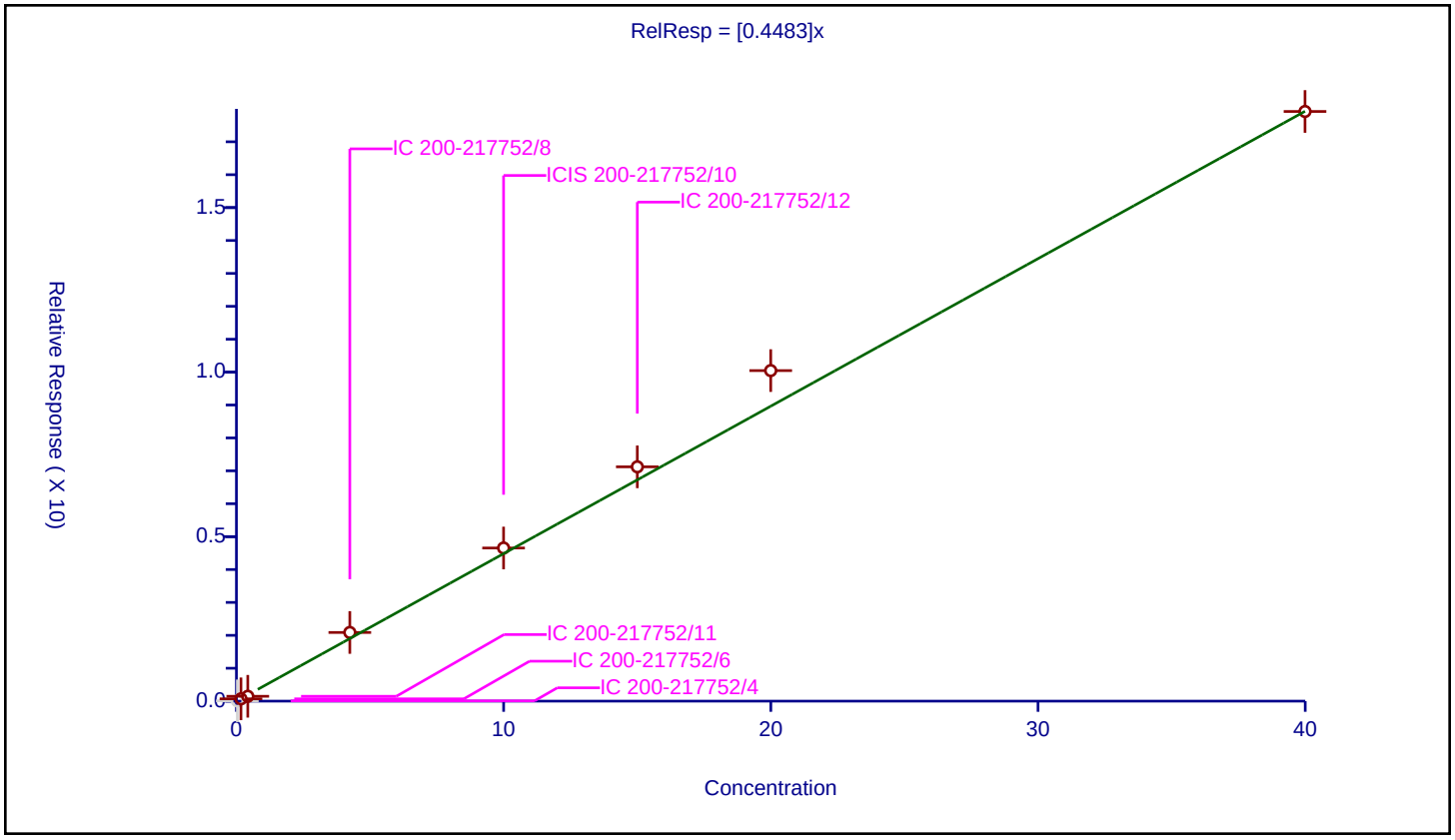
Curve Coefficients

Intercept:	0
Slope:	0.4483

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.008537	10.0	1451312.0	0.243382	N
2	IC 200-217752/6	0.170374	0.069662	10.0	1288504.0	0.408879	Y
3	IC 200-217752/11	0.425385	0.147366	10.0	1312246.0	0.346429	Y
4	IC 200-217752/8	4.243678	2.087393	10.0	1212934.0	0.491883	Y
5	ICIS 200-217752/10	9.99806	4.654372	10.0	1374540.0	0.465527	Y
6	IC 200-217752/12	15.003557	7.121646	10.0	1395009.0	0.474664	Y
7	IC 200-217752/14	19.99612	10.045886	10.0	1386265.0	0.502392	Y
8	IC 200-217752/15	39.99224	17.921177	10.0	1319463.0	0.448116	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

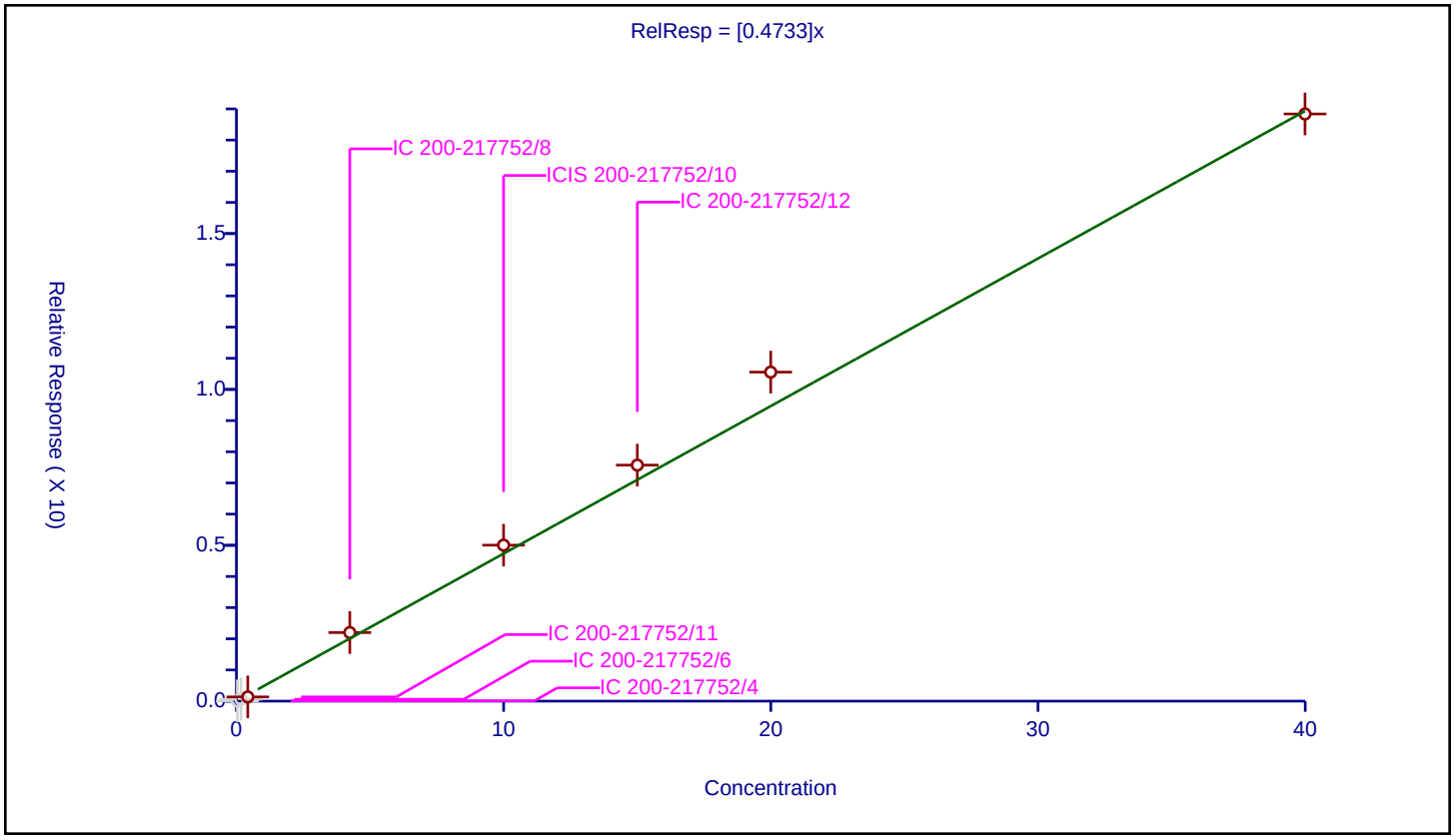
Curve Coefficients

Intercept:	0
Slope:	0.4733

Error Coefficients

Relative Standard Deviation:	16.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.010205	10.0	1451312.0	0.290919	N
2	IC 200-217752/6	0.170374	0.061172	10.0	1288504.0	0.359044	N
3	IC 200-217752/11	0.425385	0.135074	10.0	1312246.0	0.317533	Y
4	IC 200-217752/8	4.243678	2.200128	10.0	1212934.0	0.518448	Y
5	ICIS 200-217752/10	9.99806	5.00398	10.0	1374540.0	0.500495	Y
6	IC 200-217752/12	15.003557	7.571815	10.0	1395009.0	0.504668	Y
7	IC 200-217752/14	19.99612	10.555219	10.0	1386265.0	0.527863	Y
8	IC 200-217752/15	39.99224	18.836883	10.0	1319463.0	0.471013	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

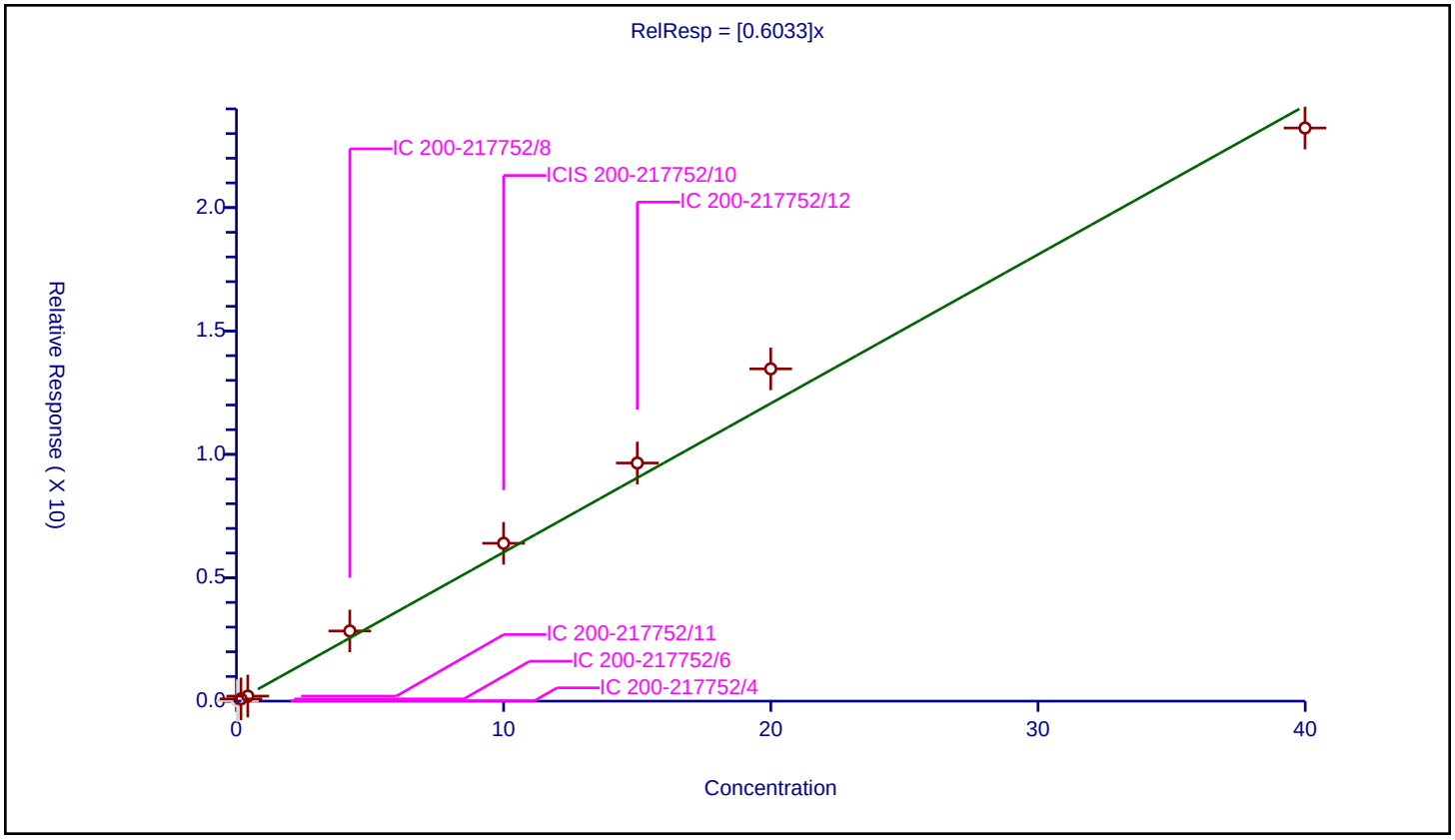
Curve Coefficients

Intercept:	0
Slope:	0.6033

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.017893	10.0	1334624.0	0.510098	N
2	IC 200-217752/6	0.170374	0.091152	10.0	1179788.0	0.535012	Y
3	IC 200-217752/11	0.425385	0.204612	10.0	1168798.0	0.481004	Y
4	IC 200-217752/8	4.243678	2.843052	10.0	1129033.0	0.66995	Y
5	ICIS 200-217752/10	9.99806	6.39643	10.0	1230019.0	0.639767	Y
6	IC 200-217752/12	15.003557	9.649712	10.0	1243861.0	0.643162	Y
7	IC 200-217752/14	19.99612	13.465934	10.0	1233402.0	0.673427	Y
8	IC 200-217752/15	39.99224	23.224671	10.0	1190165.0	0.580729	Y



Calibration / n-Octane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

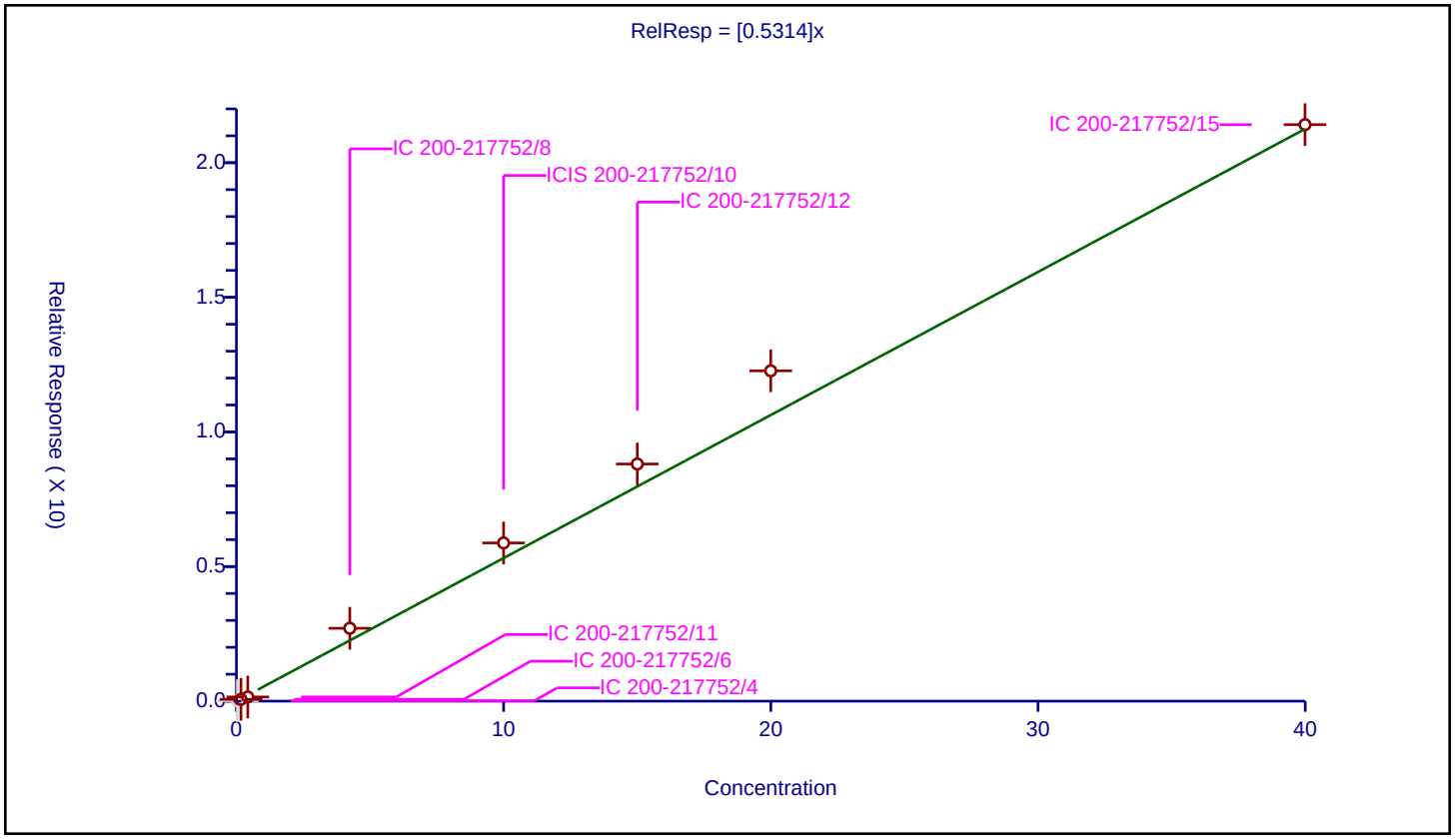
Curve Coefficients

Intercept:	0
Slope:	0.5314

Error Coefficients

Relative Standard Deviation:	20.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.015207	10.0	1451312.0	0.433531	N
2	IC 200-217752/6	0.170374	0.067148	10.0	1288504.0	0.39412	Y
3	IC 200-217752/11	0.425385	0.15491	10.0	1312246.0	0.364164	Y
4	IC 200-217752/8	4.243678	2.706874	10.0	1212934.0	0.63786	Y
5	ICIS 200-217752/10	9.99806	5.875871	10.0	1374540.0	0.587701	Y
6	IC 200-217752/12	15.003557	8.809076	10.0	1395009.0	0.587132	Y
7	IC 200-217752/14	19.99612	12.270194	10.0	1386265.0	0.613629	Y
8	IC 200-217752/15	39.99224	21.414189	10.0	1319463.0	0.535459	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

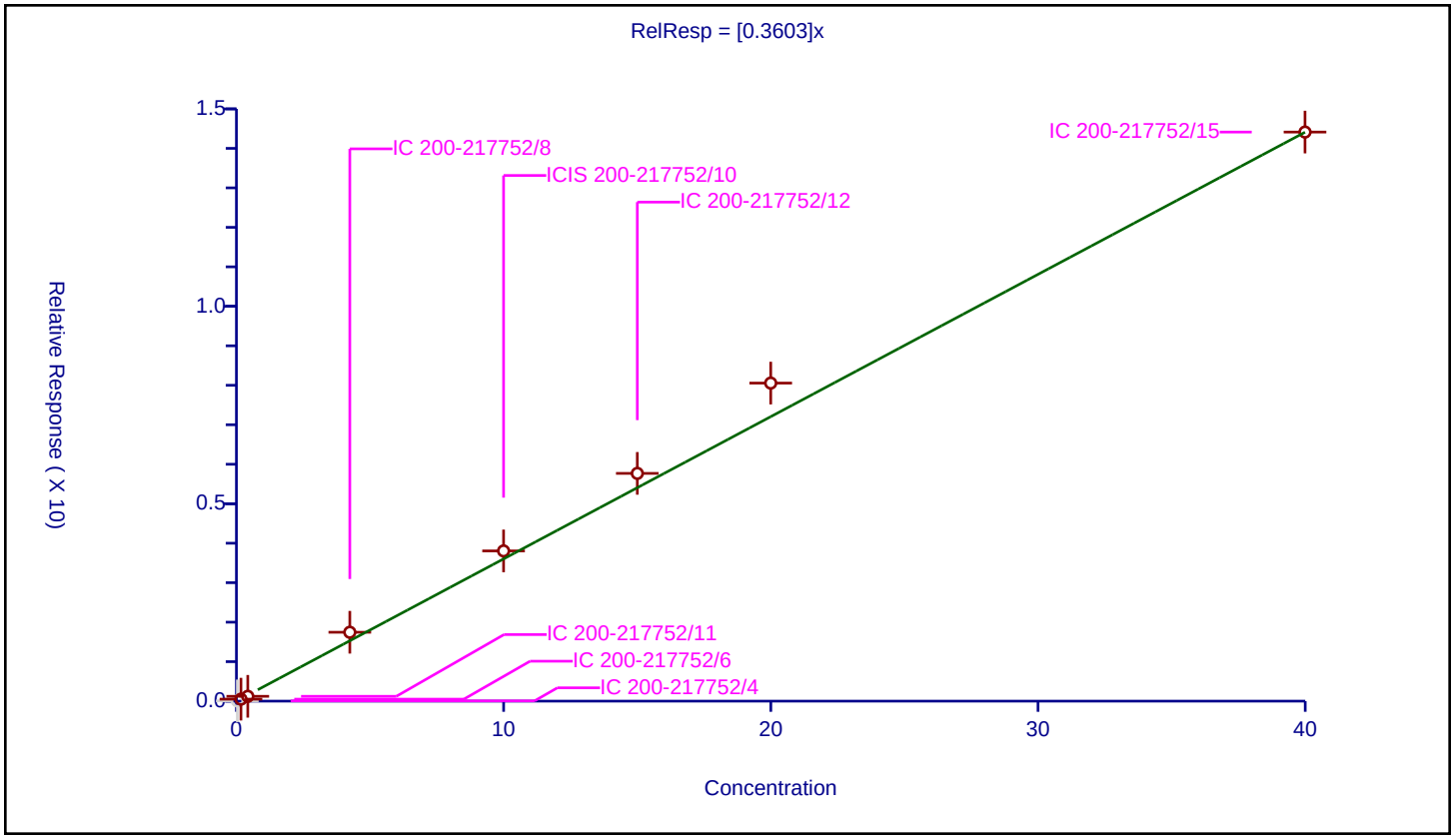
Curve Coefficients

Intercept:	0
Slope:	0.3603

Error Coefficients

Relative Standard Deviation:	13.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.006112	10.0	1451312.0	0.174237	N
2	IC 200-217752/6	0.170374	0.050167	10.0	1288504.0	0.294451	Y
3	IC 200-217752/11	0.425385	0.122629	10.0	1312246.0	0.288279	Y
4	IC 200-217752/8	4.243678	1.744728	10.0	1212934.0	0.411136	Y
5	ICIS 200-217752/10	9.99806	3.80464	10.0	1374540.0	0.380538	Y
6	IC 200-217752/12	15.003557	5.768479	10.0	1395009.0	0.384474	Y
7	IC 200-217752/14	19.99612	8.055444	10.0	1386265.0	0.40285	Y
8	IC 200-217752/15	39.99224	14.413364	10.0	1319463.0	0.360404	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

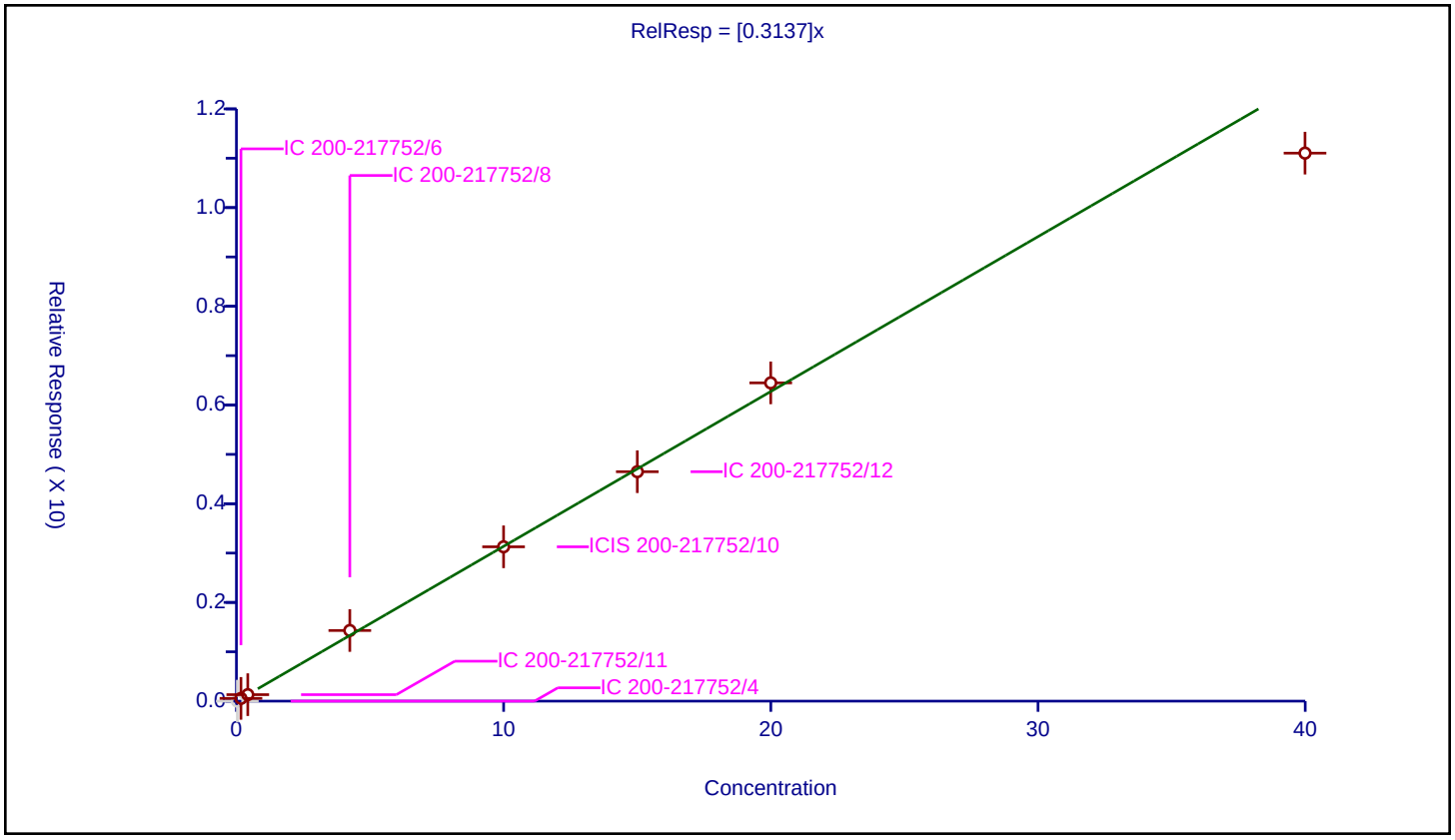
Curve Coefficients

Intercept:	0
Slope:	0.3137

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.0	10.0	1334624.0	0.0	N
2	IC 200-217752/6	0.170374	0.055824	10.0	1179788.0	0.327654	Y
3	IC 200-217752/11	0.425385	0.13116	10.0	1168798.0	0.308334	Y
4	IC 200-217752/8	4.243678	1.431623	10.0	1129033.0	0.337354	Y
5	ICIS 200-217752/10	9.99806	3.127017	10.0	1230019.0	0.312762	Y
6	IC 200-217752/12	15.003557	4.648614	10.0	1243861.0	0.309834	Y
7	IC 200-217752/14	19.99612	6.448749	10.0	1233402.0	0.3225	Y
8	IC 200-217752/15	39.99224	11.103687	10.0	1190165.0	0.277646	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

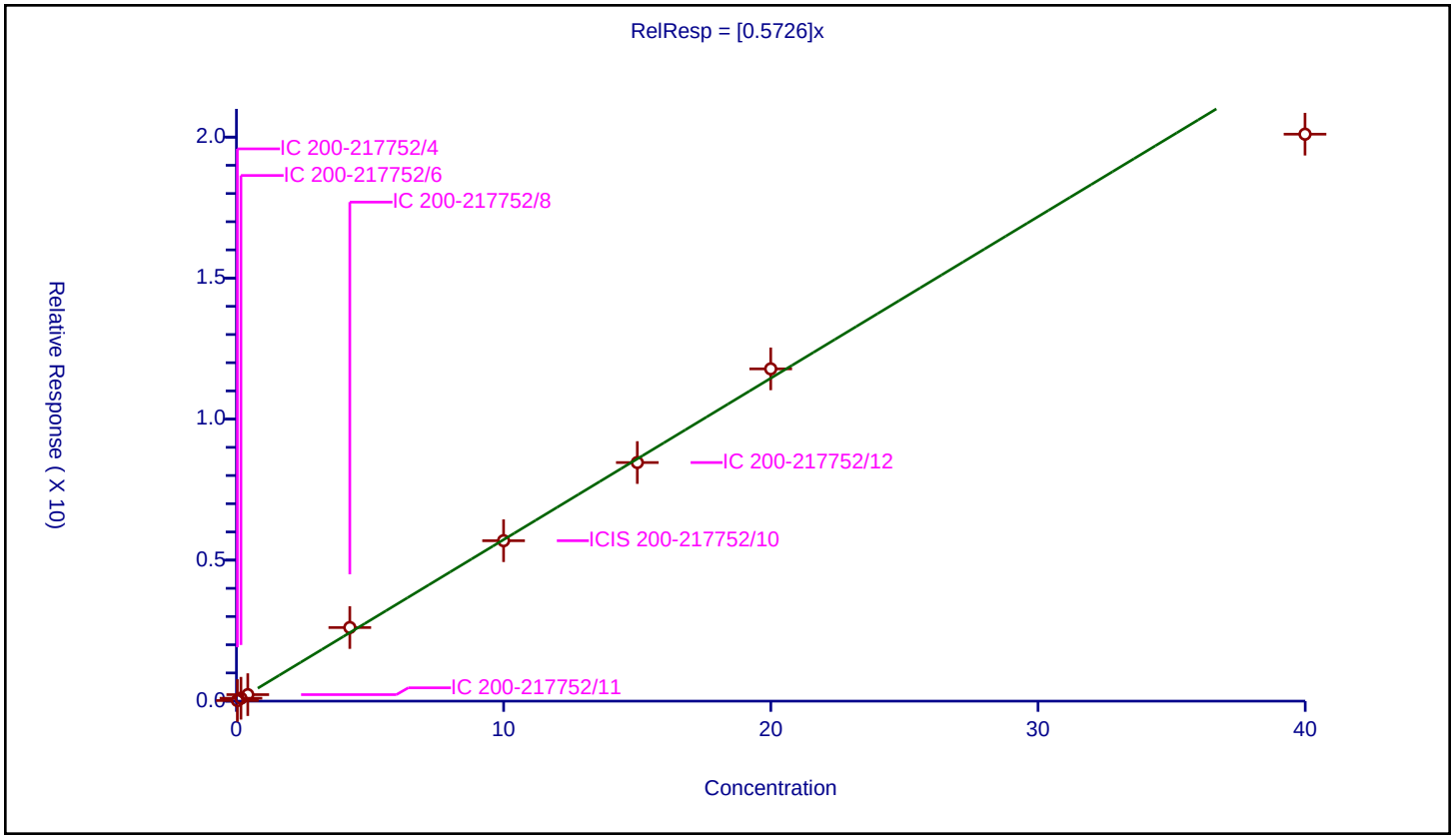
Curve Coefficients

Intercept:	0
Slope:	0.5726

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.02089	10.0	1334624.0	0.595542	Y
2	IC 200-217752/6	0.170374	0.102815	10.0	1179788.0	0.603468	Y
3	IC 200-217752/11	0.425385	0.230545	10.0	1168798.0	0.541967	Y
4	IC 200-217752/8	4.243678	2.609871	10.0	1129033.0	0.615002	Y
5	ICIS 200-217752/10	9.99806	5.688497	10.0	1230019.0	0.56896	Y
6	IC 200-217752/12	15.003557	8.460375	10.0	1243861.0	0.563891	Y
7	IC 200-217752/14	19.99612	11.781698	10.0	1233402.0	0.589199	Y
8	IC 200-217752/15	39.99224	20.103507	10.0	1190165.0	0.502685	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

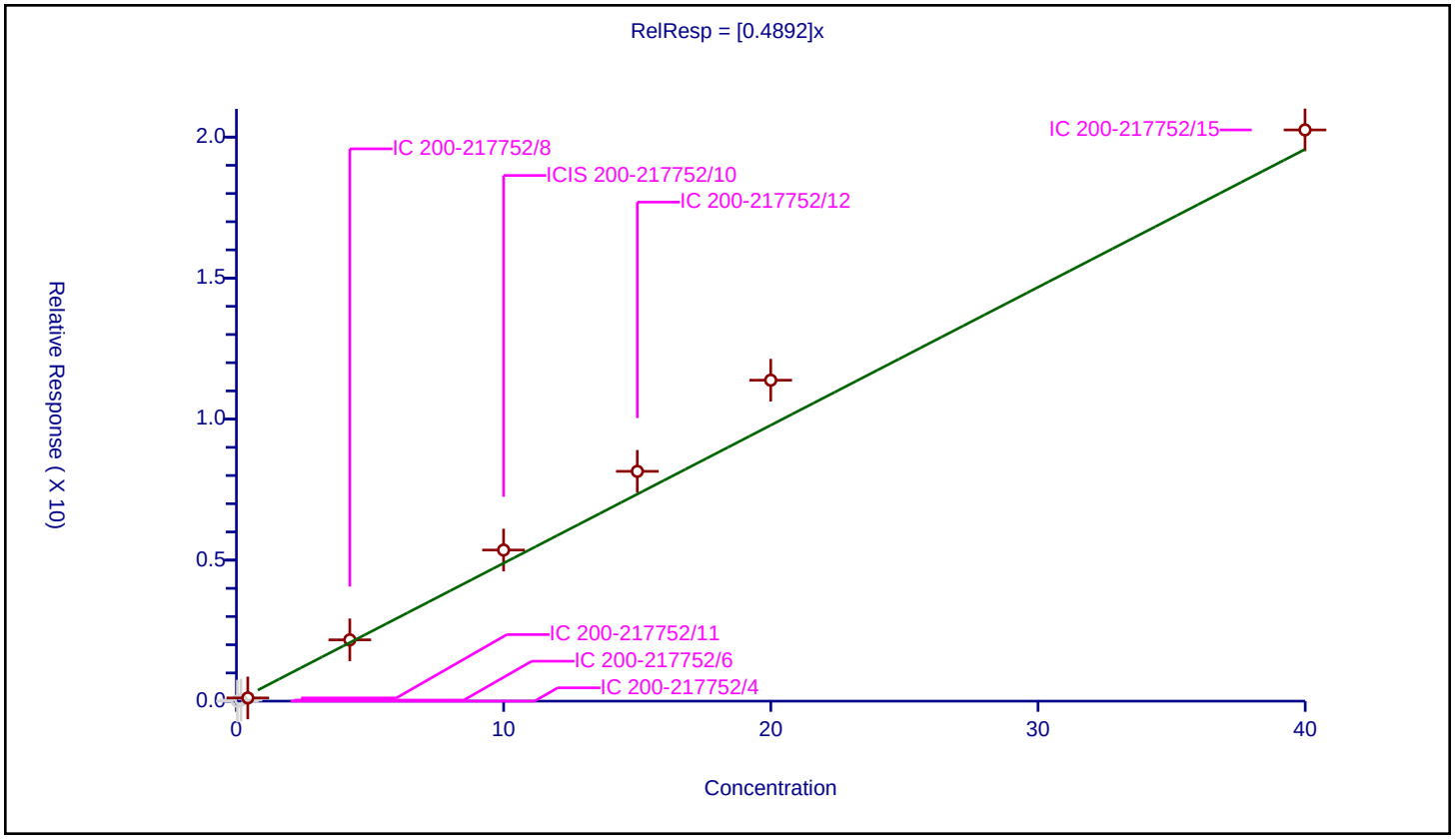
Curve Coefficients

Intercept:	0
Slope:	0.4892

Error Coefficients

Relative Standard Deviation:	22.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.000779	10.0	1334624.0	0.022215	N
2	IC 200-217752/6	0.170374	0.037583	10.0	1179788.0	0.220592	N
3	IC 200-217752/11	0.425385	0.11422	10.0	1168798.0	0.26851	Y
4	IC 200-217752/8	4.243678	2.173887	10.0	1129033.0	0.512265	Y
5	ICIS 200-217752/10	9.99806	5.357877	10.0	1230019.0	0.535892	Y
6	IC 200-217752/12	15.003557	8.148475	10.0	1243861.0	0.543103	Y
7	IC 200-217752/14	19.99612	11.380847	10.0	1233402.0	0.569153	Y
8	IC 200-217752/15	39.99224	20.253982	10.0	1190165.0	0.506448	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

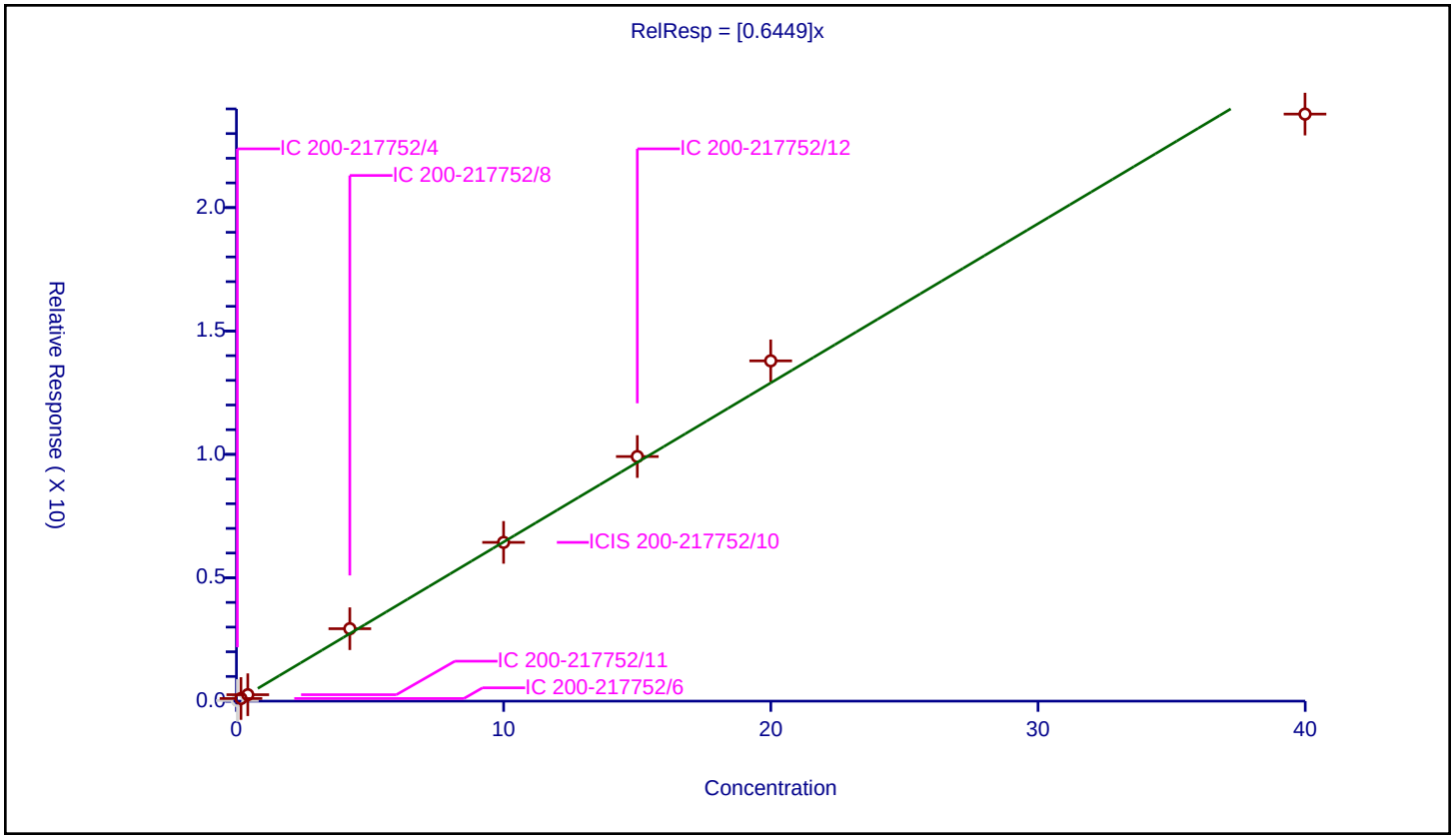
Curve Coefficients

Intercept:	0
Slope:	0.6449

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.024179	10.0	1334624.0	0.689316	N
2	IC 200-217752/6	0.170374	0.105807	10.0	1179788.0	0.62103	Y
3	IC 200-217752/11	0.425385	0.260841	10.0	1168798.0	0.613188	Y
4	IC 200-217752/8	4.243678	2.935326	10.0	1129033.0	0.691694	Y
5	ICIS 200-217752/10	9.99806	6.433462	10.0	1230019.0	0.643471	Y
6	IC 200-217752/12	15.003557	9.911903	10.0	1243861.0	0.660637	Y
7	IC 200-217752/14	19.99612	13.790021	10.0	1233402.0	0.689635	Y
8	IC 200-217752/15	39.99224	23.789802	10.0	1190165.0	0.59486	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

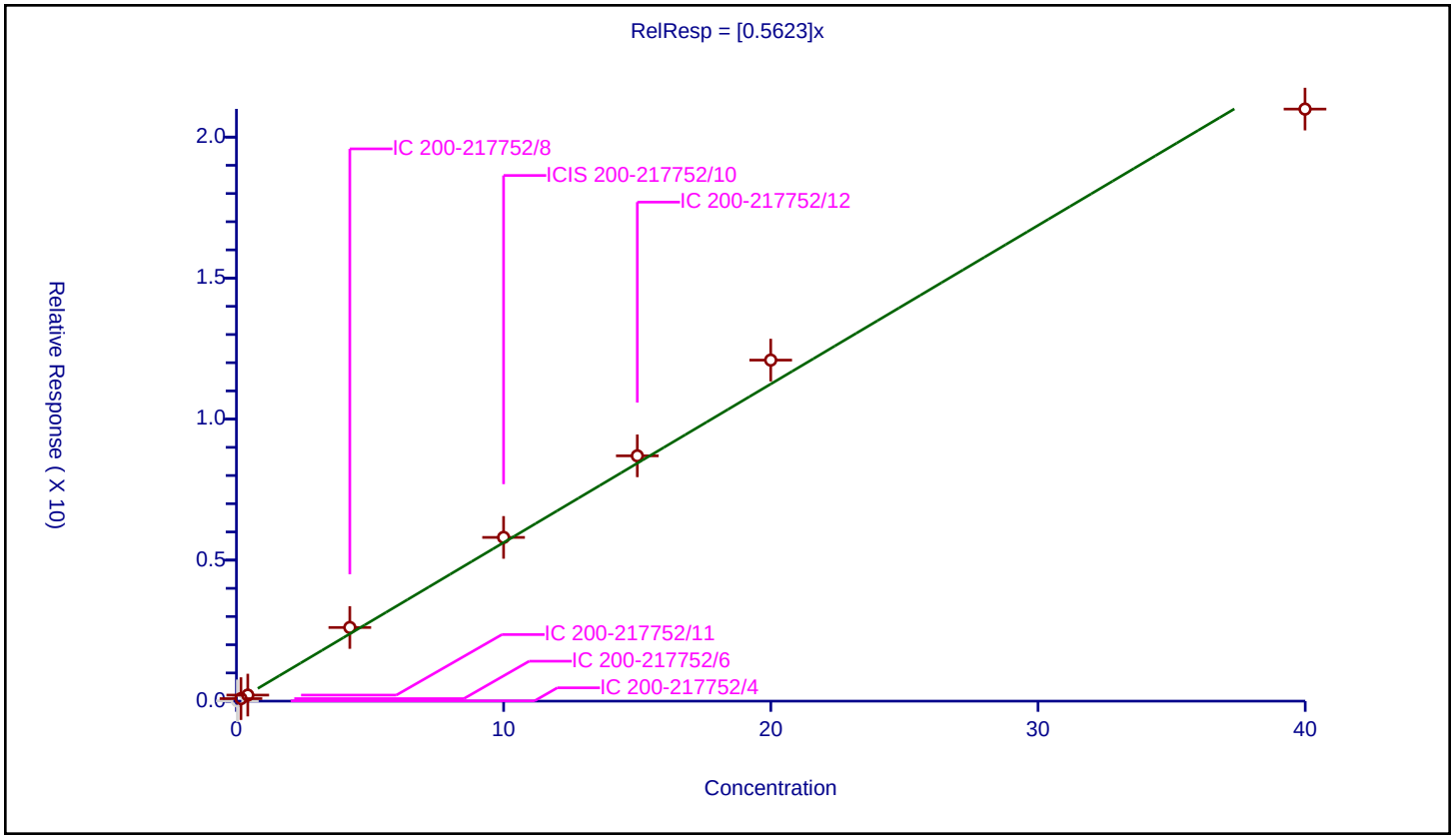
Curve Coefficients

Intercept:	0
Slope:	0.5623

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.01028	10.0	1334624.0	0.293071	N
2	IC 200-217752/6	0.170374	0.089542	10.0	1179788.0	0.525559	Y
3	IC 200-217752/11	0.425385	0.214793	10.0	1168798.0	0.504939	Y
4	IC 200-217752/8	4.243678	2.61127	10.0	1129033.0	0.615332	Y
5	ICIS 200-217752/10	9.99806	5.805772	10.0	1230019.0	0.58069	Y
6	IC 200-217752/12	15.003557	8.698126	10.0	1243861.0	0.579738	Y
7	IC 200-217752/14	19.99612	12.092602	10.0	1233402.0	0.604747	Y
8	IC 200-217752/15	39.99224	20.993072	10.0	1190165.0	0.524929	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

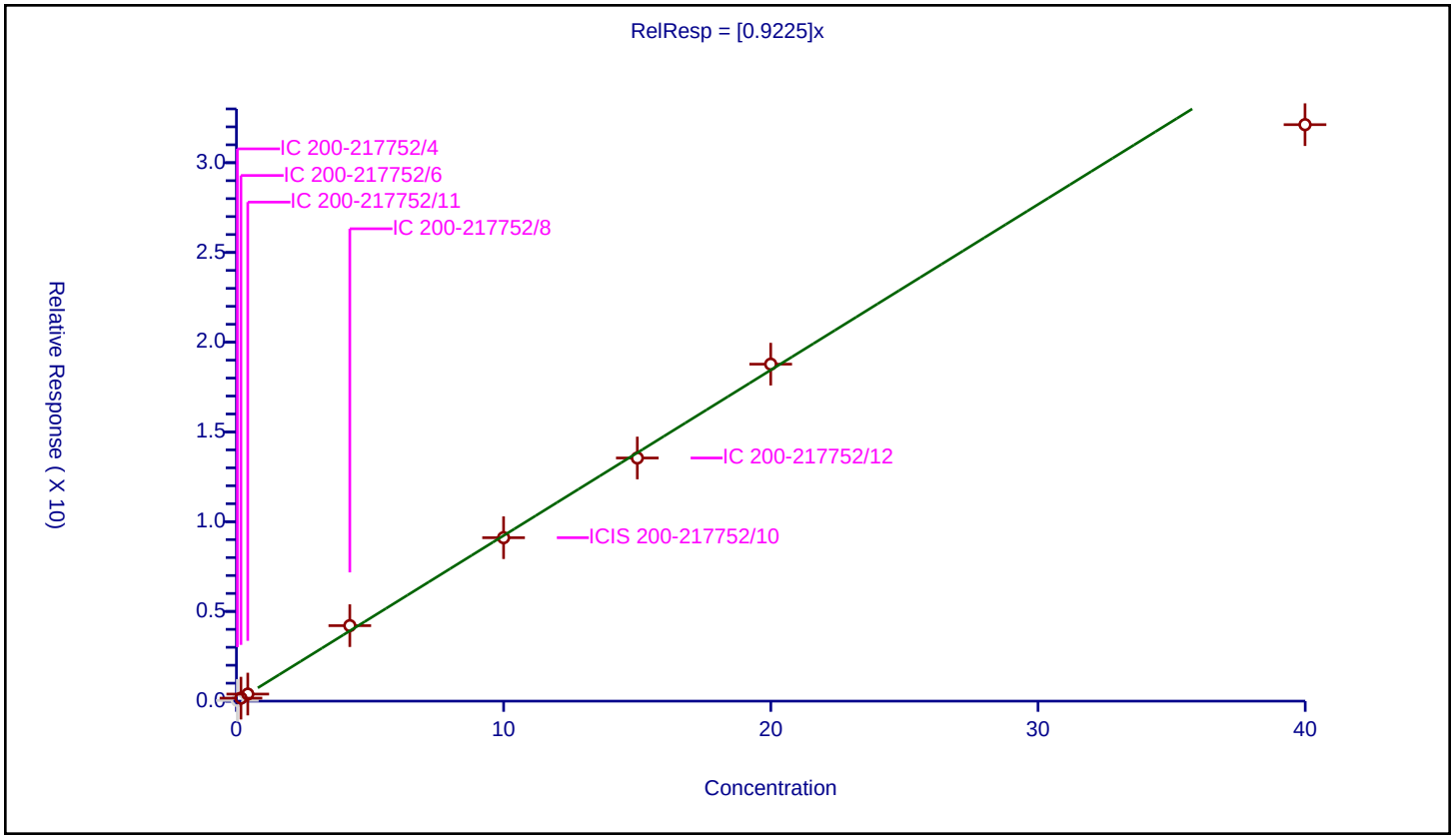
Curve Coefficients

Intercept:	0
Slope:	0.9225

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.039015	10.0	1334624.0	1.112262	N
2	IC 200-217752/6	0.170374	0.167471	10.0	1179788.0	0.982961	Y
3	IC 200-217752/11	0.425385	0.394499	10.0	1168798.0	0.927394	Y
4	IC 200-217752/8	4.243678	4.206051	10.0	1129033.0	0.991133	Y
5	ICIS 200-217752/10	9.99806	9.107266	10.0	1230019.0	0.910903	Y
6	IC 200-217752/12	15.003557	13.54825	10.0	1243861.0	0.903003	Y
7	IC 200-217752/14	19.99612	18.776587	10.0	1233402.0	0.939012	Y
8	IC 200-217752/15	39.99224	32.121933	10.0	1190165.0	0.803204	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

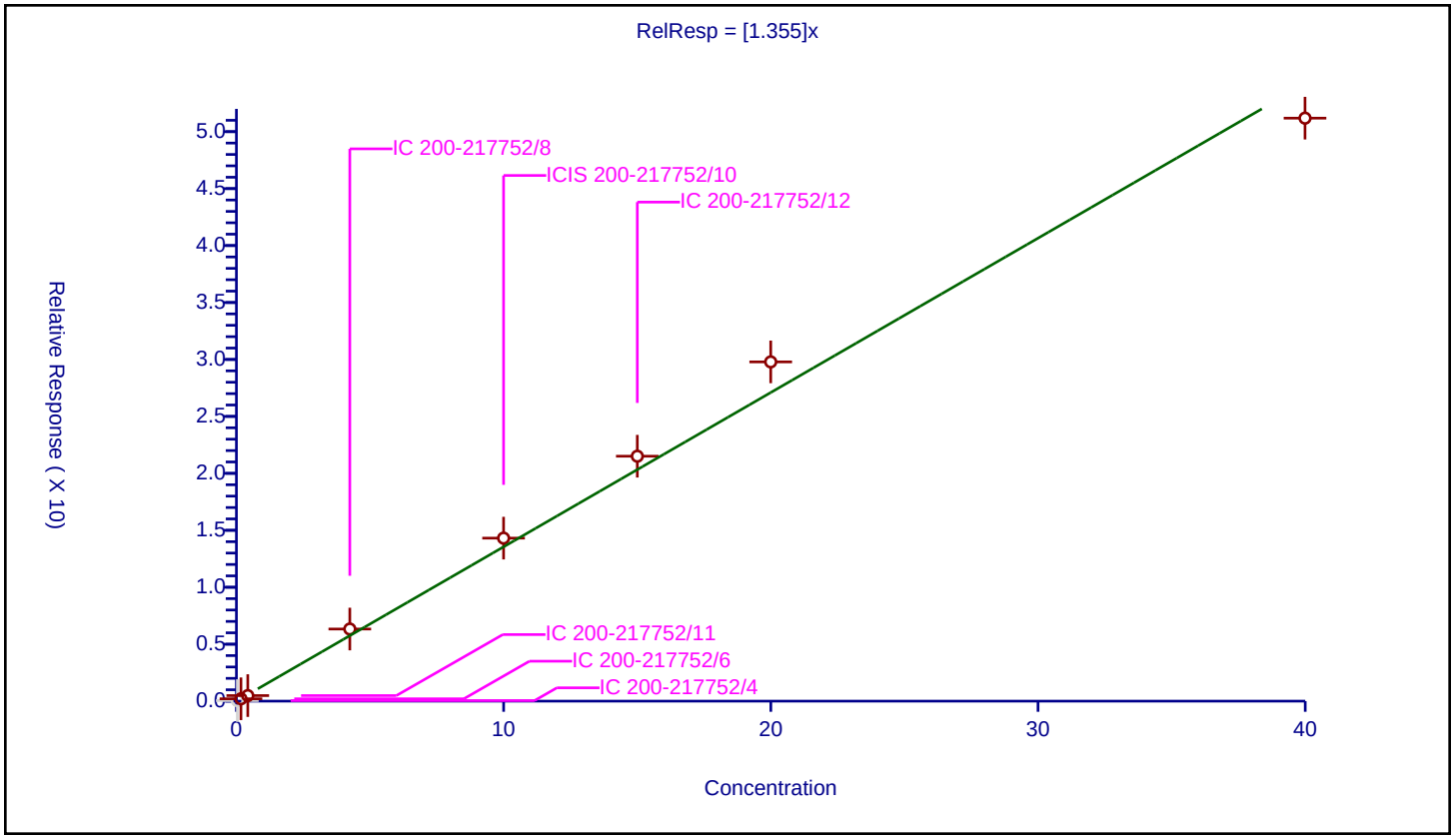
Curve Coefficients

Intercept:	0
Slope:	1.355

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.047272	10.0	1334624.0	1.347659	N
2	IC 200-217752/6	0.170374	0.206563	10.0	1179788.0	1.212408	Y
3	IC 200-217752/11	0.425385	0.487398	10.0	1168798.0	1.145782	Y
4	IC 200-217752/8	4.243678	6.332322	10.0	1129033.0	1.492178	Y
5	ICIS 200-217752/10	9.99806	14.312616	10.0	1230019.0	1.431539	Y
6	IC 200-217752/12	15.003557	21.505586	10.0	1243861.0	1.433366	Y
7	IC 200-217752/14	19.99612	29.787344	10.0	1233402.0	1.489656	Y
8	IC 200-217752/15	39.99224	51.185777	10.0	1190165.0	1.279893	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

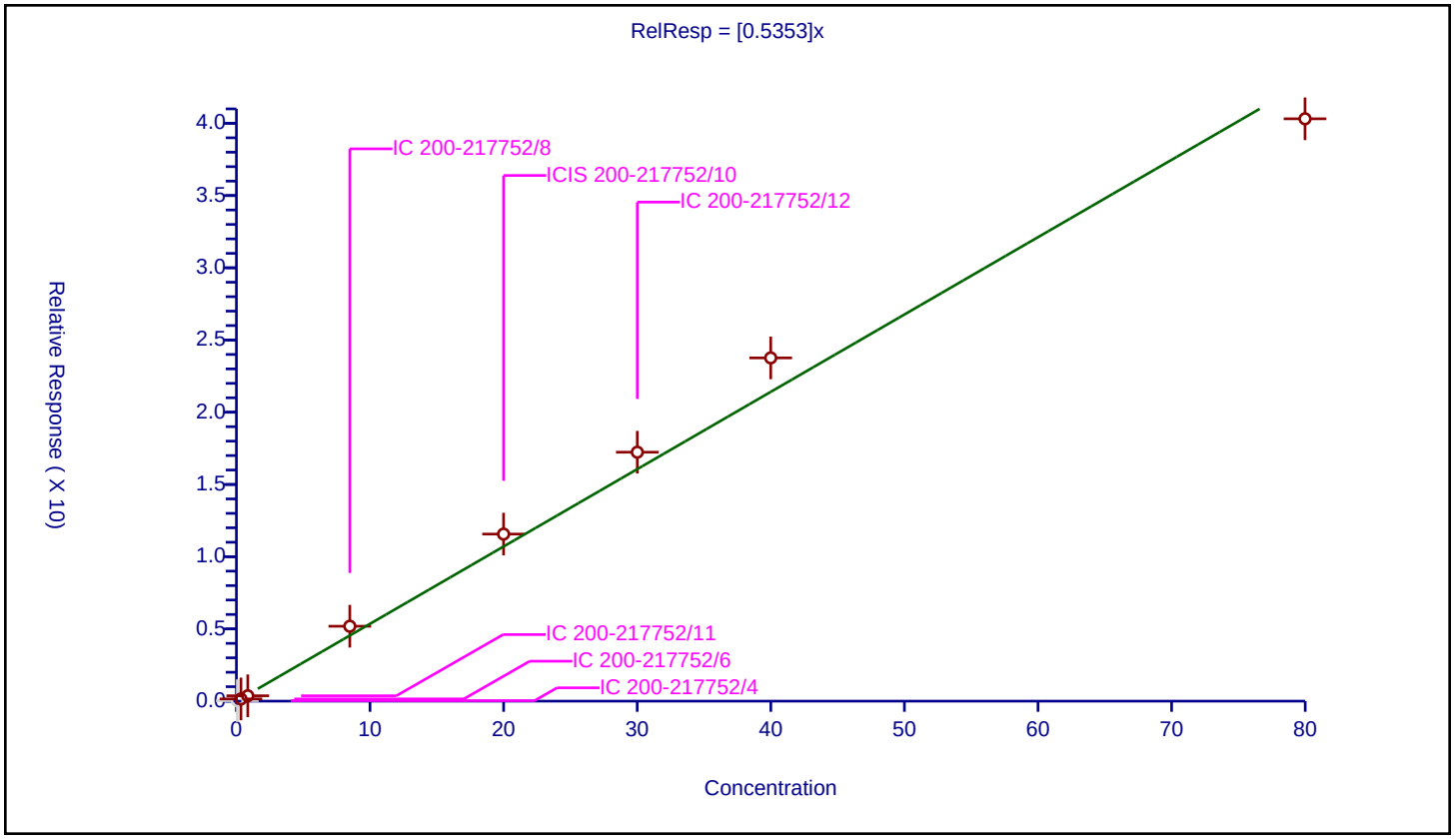
Curve Coefficients

Intercept:	0
Slope:	0.5353

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.070154	0.031874	10.0	1334624.0	0.454346	N
2	IC 200-217752/6	0.340747	0.153155	10.0	1179788.0	0.449467	Y
3	IC 200-217752/11	0.850769	0.370885	10.0	1168798.0	0.435941	Y
4	IC 200-217752/8	8.487357	5.185597	10.0	1129033.0	0.610979	Y
5	ICIS 200-217752/10	19.99612	11.564943	10.0	1230019.0	0.578359	Y
6	IC 200-217752/12	30.007114	17.233525	10.0	1243861.0	0.574315	Y
7	IC 200-217752/14	39.99224	23.762918	10.0	1233402.0	0.594188	Y
8	IC 200-217752/15	79.984479	40.313478	10.0	1190165.0	0.504016	Y



Calibration / n-Nonane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

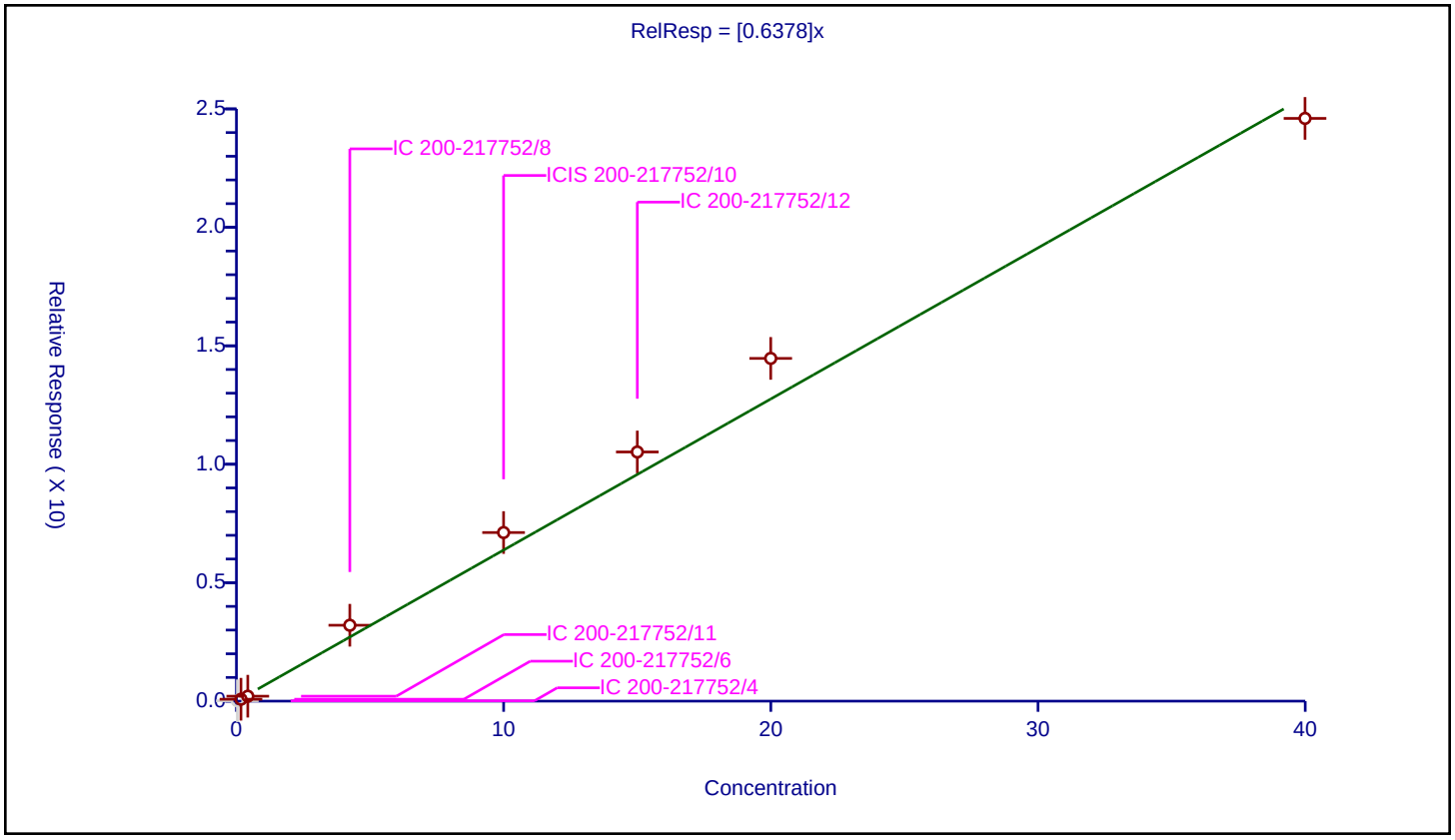
Curve Coefficients

Intercept:	0
Slope:	0.6378

Error Coefficients

Relative Standard Deviation:	18.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.01524	10.0	1334624.0	0.434481	N
2	IC 200-217752/6	0.170374	0.07987	10.0	1179788.0	0.468795	Y
3	IC 200-217752/11	0.425385	0.20824	10.0	1168798.0	0.489532	Y
4	IC 200-217752/8	4.243678	3.203237	10.0	1129033.0	0.754826	Y
5	ICIS 200-217752/10	9.99806	7.116687	10.0	1230019.0	0.711807	Y
6	IC 200-217752/12	15.003557	10.518088	10.0	1243861.0	0.70104	Y
7	IC 200-217752/14	19.99612	14.46804	10.0	1233402.0	0.723542	Y
8	IC 200-217752/15	39.99224	24.59832	10.0	1190165.0	0.615077	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

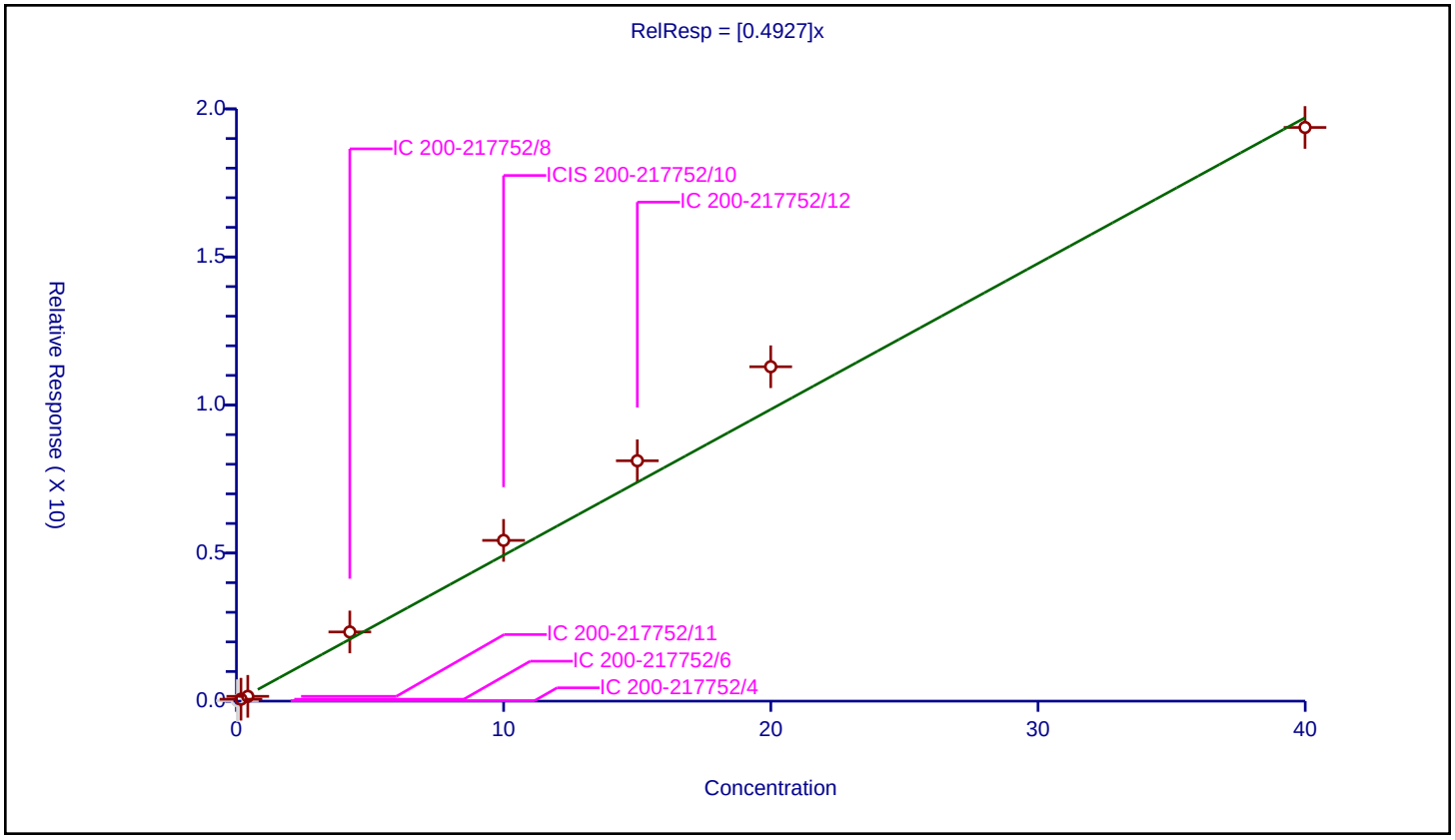
Curve Coefficients

Intercept:	0
Slope:	0.4927

Error Coefficients

Relative Standard Deviation:	16.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.014491	10.0	1334624.0	0.41312	N
2	IC 200-217752/6	0.170374	0.065266	10.0	1179788.0	0.383075	Y
3	IC 200-217752/11	0.425385	0.162432	10.0	1168798.0	0.381847	Y
4	IC 200-217752/8	4.243678	2.336061	10.0	1129033.0	0.55048	Y
5	ICIS 200-217752/10	9.99806	5.428315	10.0	1230019.0	0.542937	Y
6	IC 200-217752/12	15.003557	8.117442	10.0	1243861.0	0.541035	Y
7	IC 200-217752/14	19.99612	11.293042	10.0	1233402.0	0.564762	Y
8	IC 200-217752/15	39.99224	19.373062	10.0	1190165.0	0.484421	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

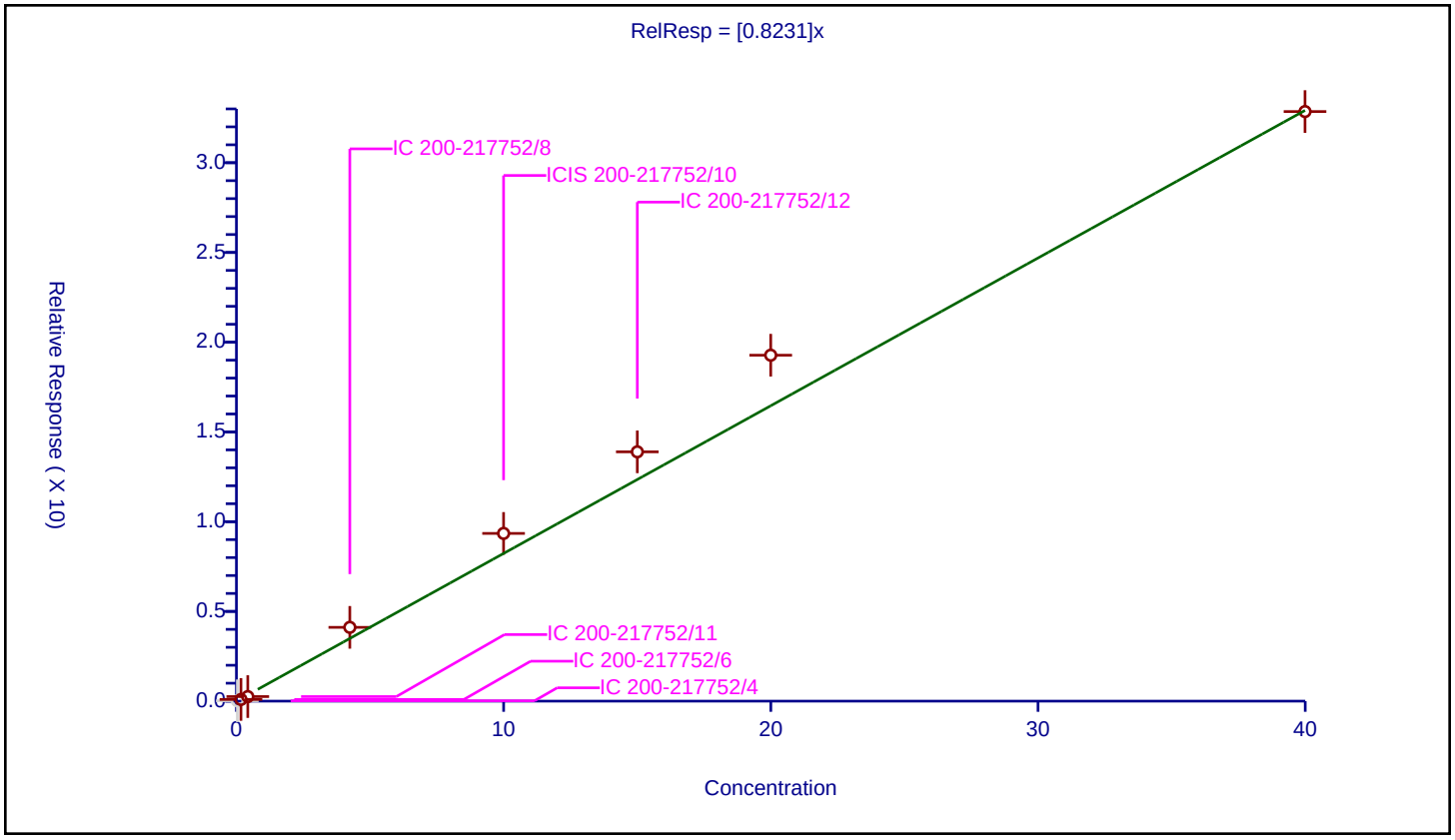
Curve Coefficients

Intercept:	0
Slope:	0.8231

Error Coefficients

Relative Standard Deviation:	21.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.02047	10.0	1334624.0	0.58358	N
2	IC 200-217752/6	0.170374	0.093602	10.0	1179788.0	0.54939	Y
3	IC 200-217752/11	0.425385	0.254022	10.0	1168798.0	0.597157	Y
4	IC 200-217752/8	4.243678	4.111164	10.0	1129033.0	0.968774	Y
5	ICIS 200-217752/10	9.99806	9.345791	10.0	1230019.0	0.93476	Y
6	IC 200-217752/12	15.003557	13.892099	10.0	1243861.0	0.92592	Y
7	IC 200-217752/14	19.99612	19.275192	10.0	1233402.0	0.963947	Y
8	IC 200-217752/15	39.99224	32.851462	10.0	1190165.0	0.821446	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

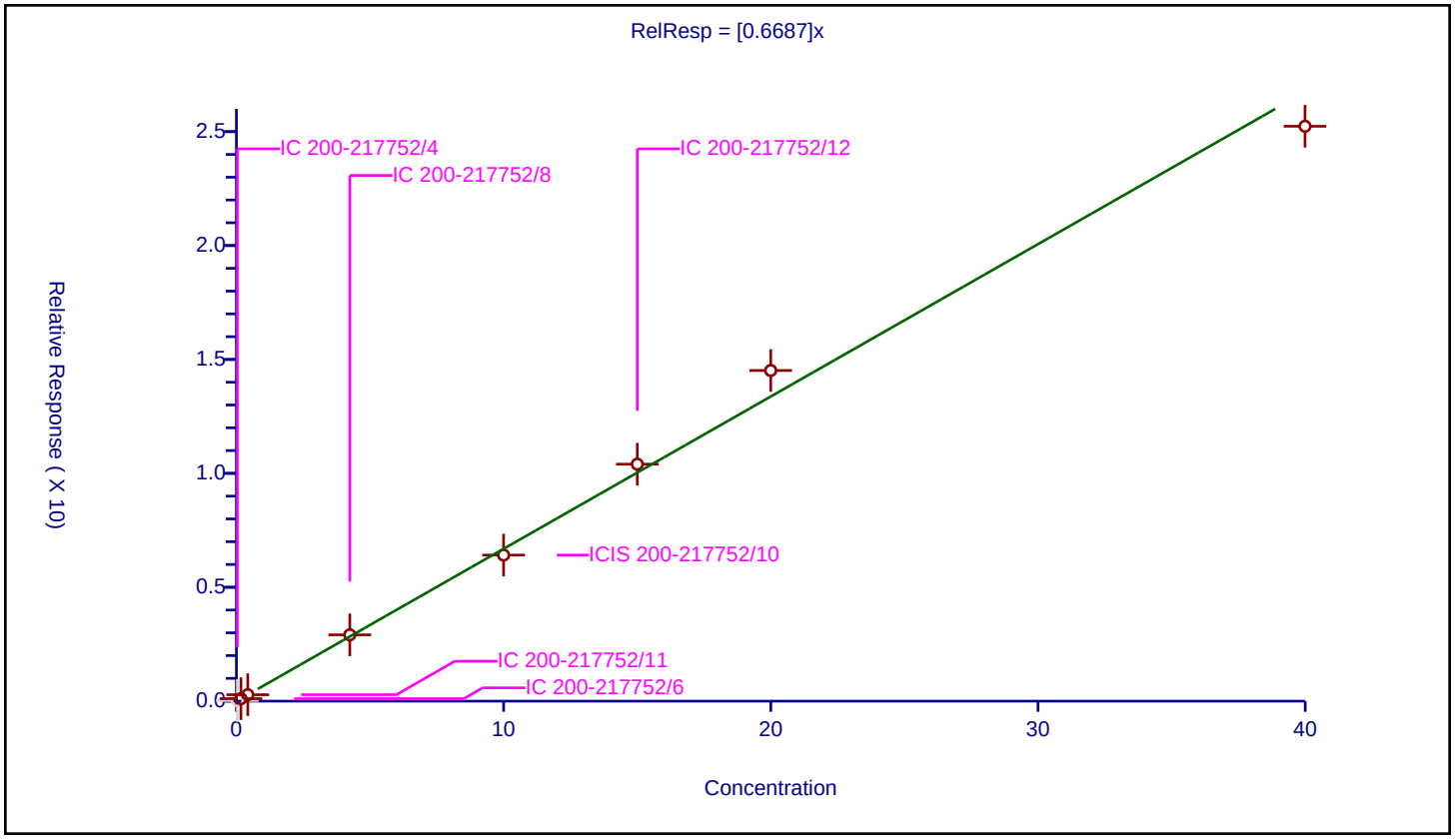
Curve Coefficients

Intercept:	0
Slope:	0.6687

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.026105	10.0	1334624.0	0.744213	N
2	IC 200-217752/6	0.170374	0.109028	10.0	1179788.0	0.639935	Y
3	IC 200-217752/11	0.425385	0.282256	10.0	1168798.0	0.663531	Y
4	IC 200-217752/8	4.243678	2.911084	10.0	1129033.0	0.685981	Y
5	ICIS 200-217752/10	9.99806	6.412543	10.0	1230019.0	0.641379	Y
6	IC 200-217752/12	15.003557	10.40396	10.0	1243861.0	0.693433	Y
7	IC 200-217752/14	19.99612	14.515365	10.0	1233402.0	0.725909	Y
8	IC 200-217752/15	39.99224	25.236963	10.0	1190165.0	0.631047	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

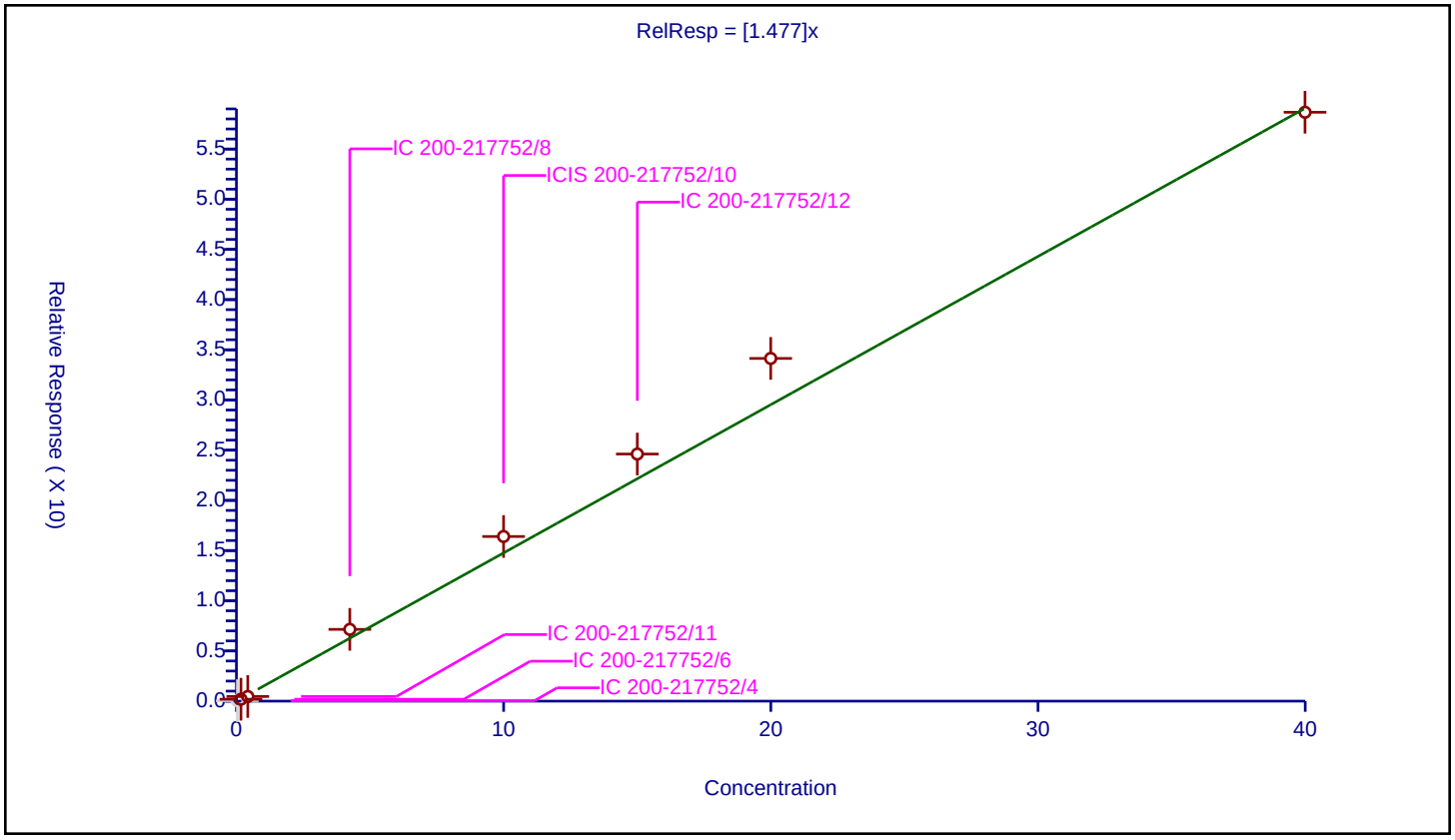
Curve Coefficients

Intercept:	0
Slope:	1.477

Error Coefficients

Relative Standard Deviation:	18.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.042551	10.0	1334624.0	1.213085	N
2	IC 200-217752/6	0.170374	0.189407	10.0	1179788.0	1.111714	Y
3	IC 200-217752/11	0.425385	0.461799	10.0	1168798.0	1.085604	Y
4	IC 200-217752/8	4.243678	7.14856	10.0	1129033.0	1.68452	Y
5	ICIS 200-217752/10	9.99806	16.400088	10.0	1230019.0	1.640327	Y
6	IC 200-217752/12	15.003557	24.614832	10.0	1243861.0	1.6406	Y
7	IC 200-217752/14	19.99612	34.141002	10.0	1233402.0	1.707381	Y
8	IC 200-217752/15	39.99224	58.666177	10.0	1190165.0	1.466939	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

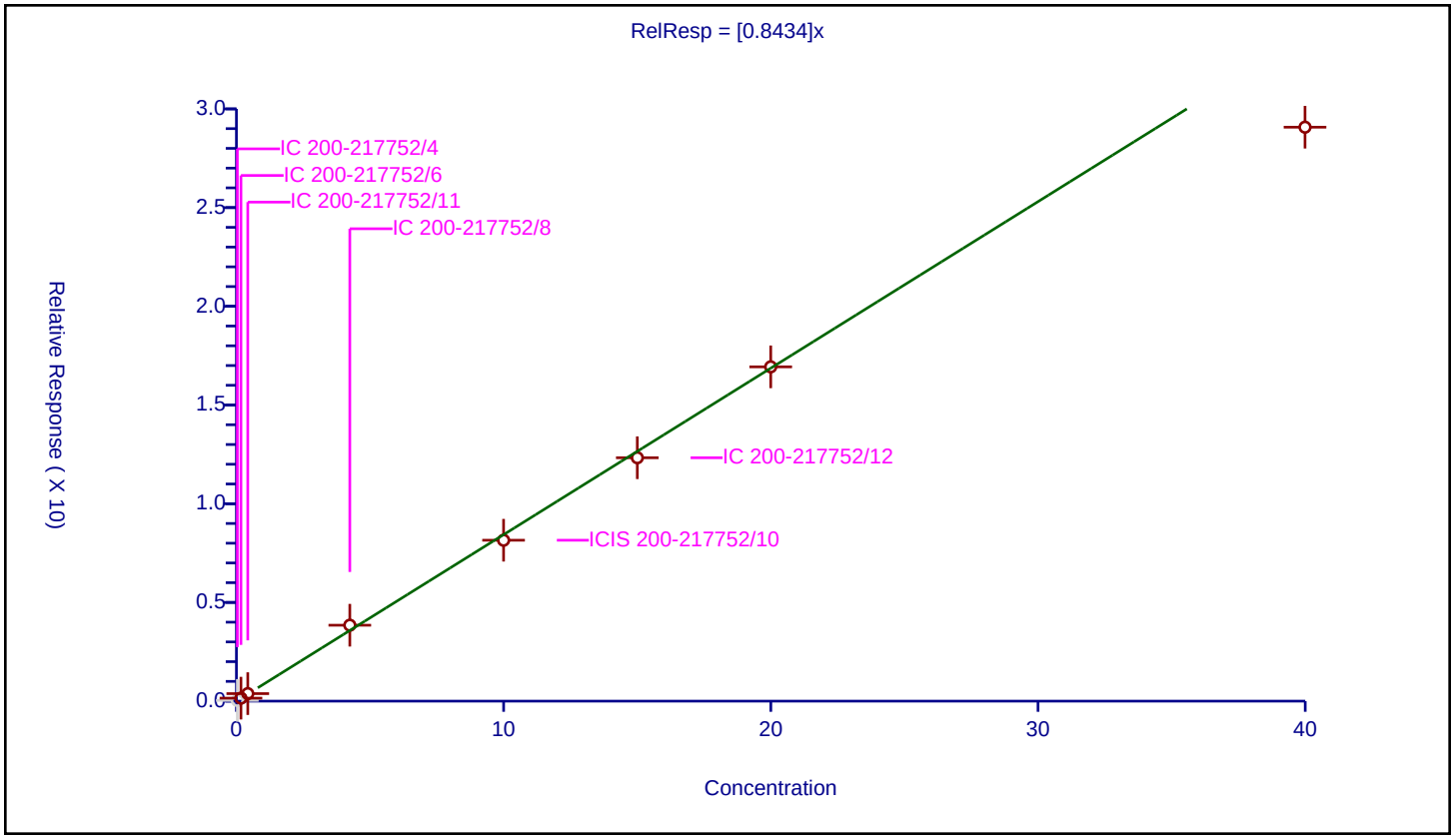
Curve Coefficients

Intercept:	0
Slope:	0.8434

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.037539	10.0	1334624.0	1.070181	N
2	IC 200-217752/6	0.170374	0.152036	10.0	1179788.0	0.892366	Y
3	IC 200-217752/11	0.425385	0.380493	10.0	1168798.0	0.894469	Y
4	IC 200-217752/8	4.243678	3.84607	10.0	1129033.0	0.906306	Y
5	ICIS 200-217752/10	9.99806	8.15085	10.0	1230019.0	0.815243	Y
6	IC 200-217752/12	15.003557	12.328572	10.0	1243861.0	0.82171	Y
7	IC 200-217752/14	19.99612	16.933887	10.0	1233402.0	0.846859	Y
8	IC 200-217752/15	39.99224	29.072784	10.0	1190165.0	0.726961	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

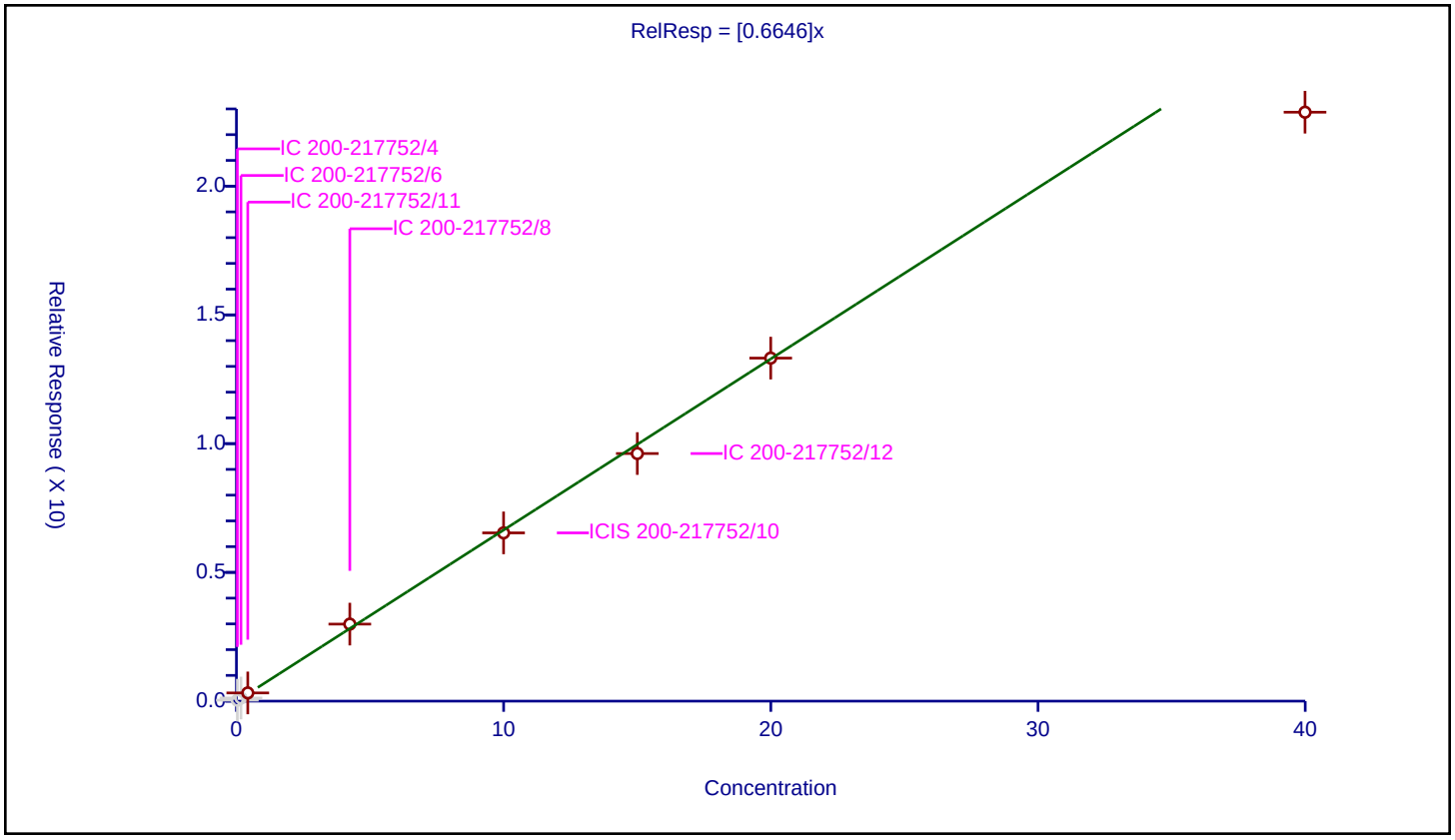
Curve Coefficients

Intercept:	0
Slope:	0.6646

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.036542	10.0	1334624.0	1.041771	N
2	IC 200-217752/6	0.170374	0.121666	10.0	1179788.0	0.714112	N
3	IC 200-217752/11	0.425385	0.318977	10.0	1168798.0	0.749856	Y
4	IC 200-217752/8	4.243678	2.992322	10.0	1129033.0	0.705125	Y
5	ICIS 200-217752/10	9.99806	6.53459	10.0	1230019.0	0.653586	Y
6	IC 200-217752/12	15.003557	9.615399	10.0	1243861.0	0.640875	Y
7	IC 200-217752/14	19.99612	13.321893	10.0	1233402.0	0.666224	Y
8	IC 200-217752/15	39.99224	22.872089	10.0	1190165.0	0.571913	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

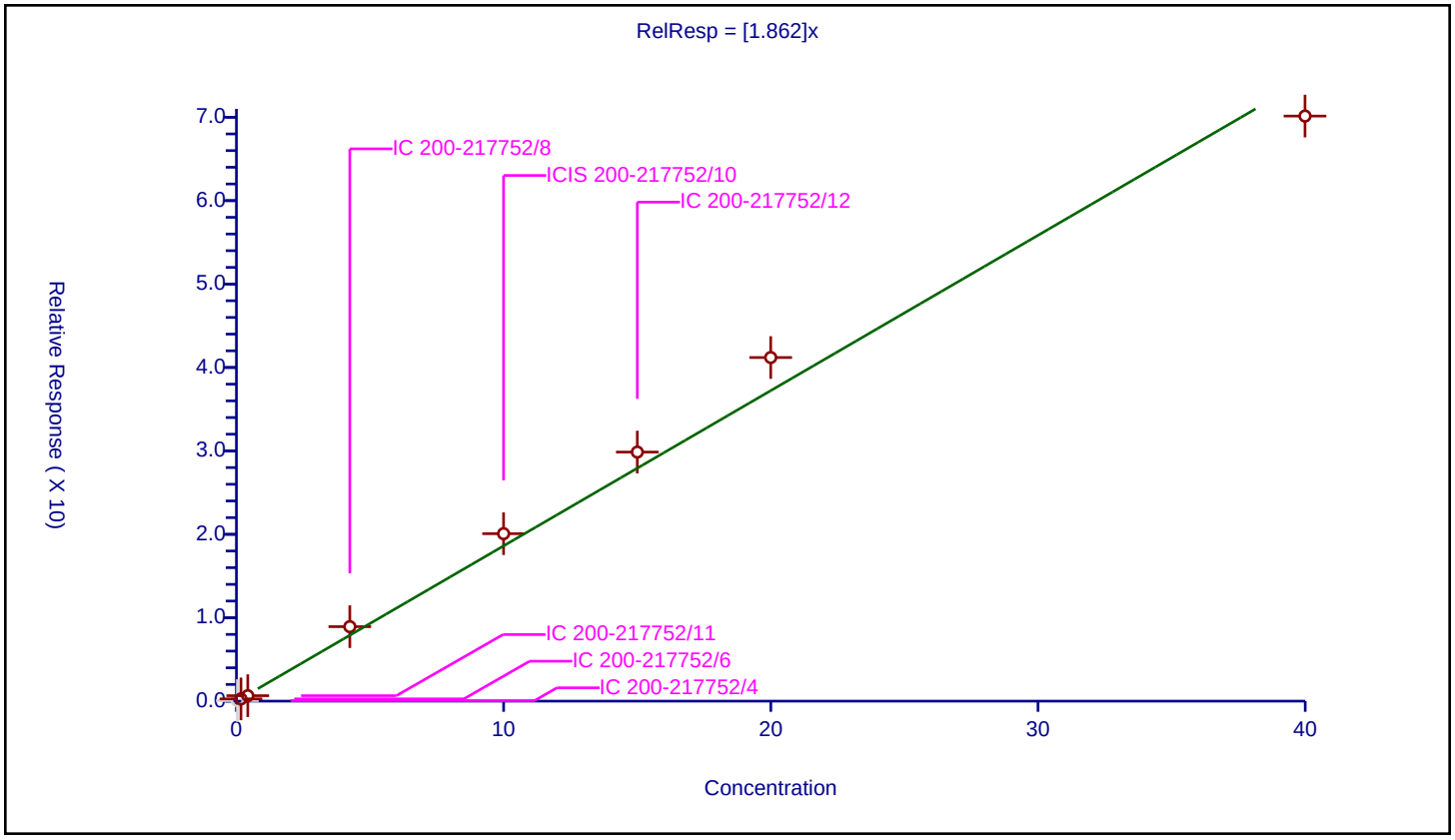
Curve Coefficients

Intercept:	0
Slope:	1.862

Error Coefficients

Relative Standard Deviation:	12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.060204	10.0	1334624.0	1.716348	N
2	IC 200-217752/6	0.170374	0.269438	10.0	1179788.0	1.581454	Y
3	IC 200-217752/11	0.425385	0.6522	10.0	1168798.0	1.5332	Y
4	IC 200-217752/8	4.243678	8.928074	10.0	1129033.0	2.103853	Y
5	ICIS 200-217752/10	9.99806	20.075901	10.0	1230019.0	2.00798	Y
6	IC 200-217752/12	15.003557	29.858786	10.0	1243861.0	1.990114	Y
7	IC 200-217752/14	19.99612	41.19459	10.0	1233402.0	2.060129	Y
8	IC 200-217752/15	39.99224	70.139897	10.0	1190165.0	1.753838	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

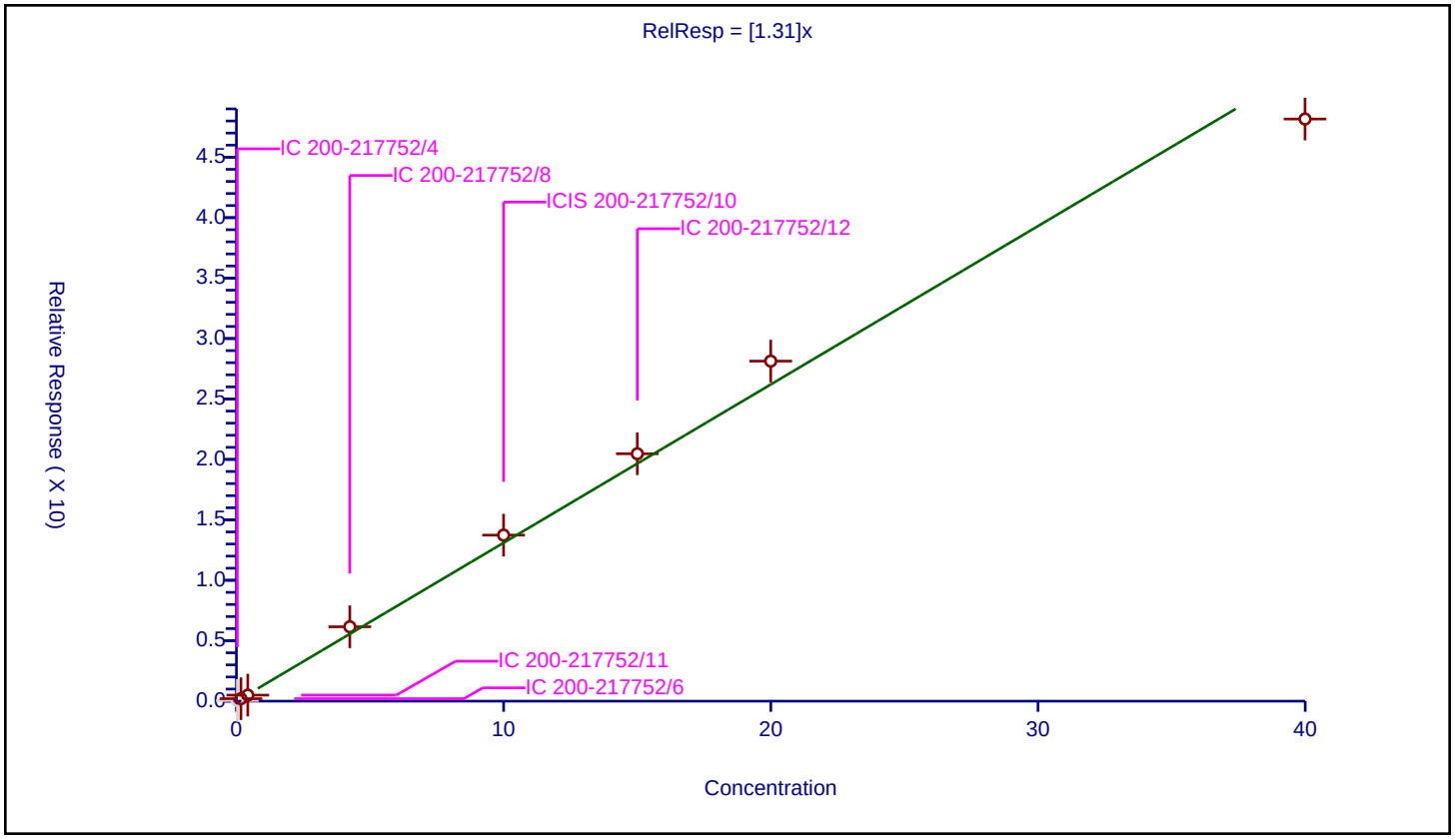
Curve Coefficients

Intercept:	0
Slope:	1.31

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.052749	10.0	1334624.0	1.503807	N
2	IC 200-217752/6	0.170374	0.204571	10.0	1179788.0	1.200717	Y
3	IC 200-217752/11	0.425385	0.498247	10.0	1168798.0	1.171285	Y
4	IC 200-217752/8	4.243678	6.153788	10.0	1129033.0	1.450107	Y
5	ICIS 200-217752/10	9.99806	13.736276	10.0	1230019.0	1.373894	Y
6	IC 200-217752/12	15.003557	20.46756	10.0	1243861.0	1.364181	Y
7	IC 200-217752/14	19.99612	28.132174	10.0	1233402.0	1.406882	Y
8	IC 200-217752/15	39.99224	48.161087	10.0	1190165.0	1.204261	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

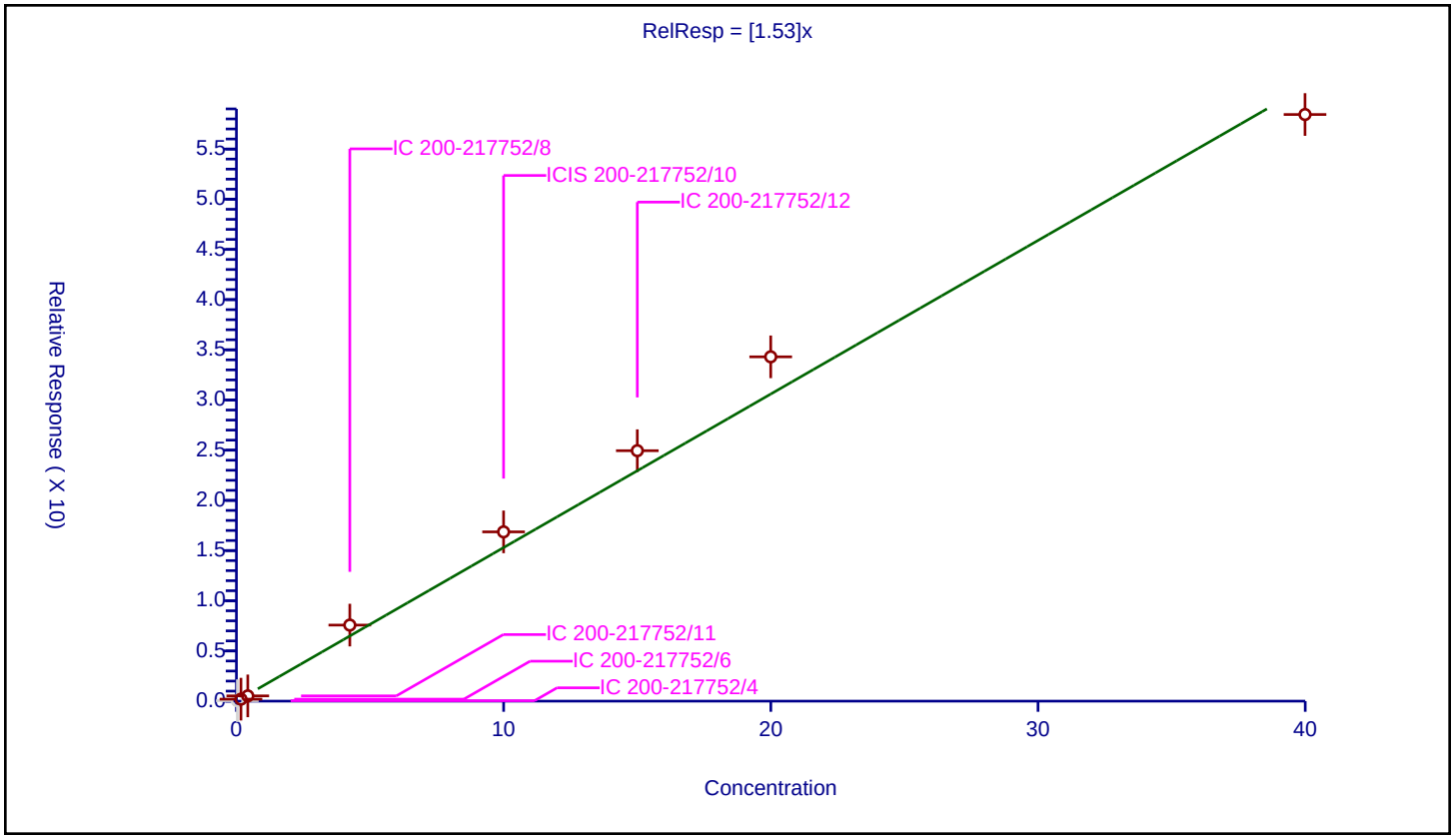
Curve Coefficients

Intercept:	0
Slope:	1.53

Error Coefficients

Relative Standard Deviation:	16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.043997	10.0	1334624.0	1.254311	N
2	IC 200-217752/6	0.170374	0.198722	10.0	1179788.0	1.16639	Y
3	IC 200-217752/11	0.425385	0.523487	10.0	1168798.0	1.230619	Y
4	IC 200-217752/8	4.243678	7.57705	10.0	1129033.0	1.785491	Y
5	ICIS 200-217752/10	9.99806	16.863227	10.0	1230019.0	1.68665	Y
6	IC 200-217752/12	15.003557	24.951373	10.0	1243861.0	1.663031	Y
7	IC 200-217752/14	19.99612	34.300836	10.0	1233402.0	1.715375	Y
8	IC 200-217752/15	39.99224	58.438847	10.0	1190165.0	1.461255	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

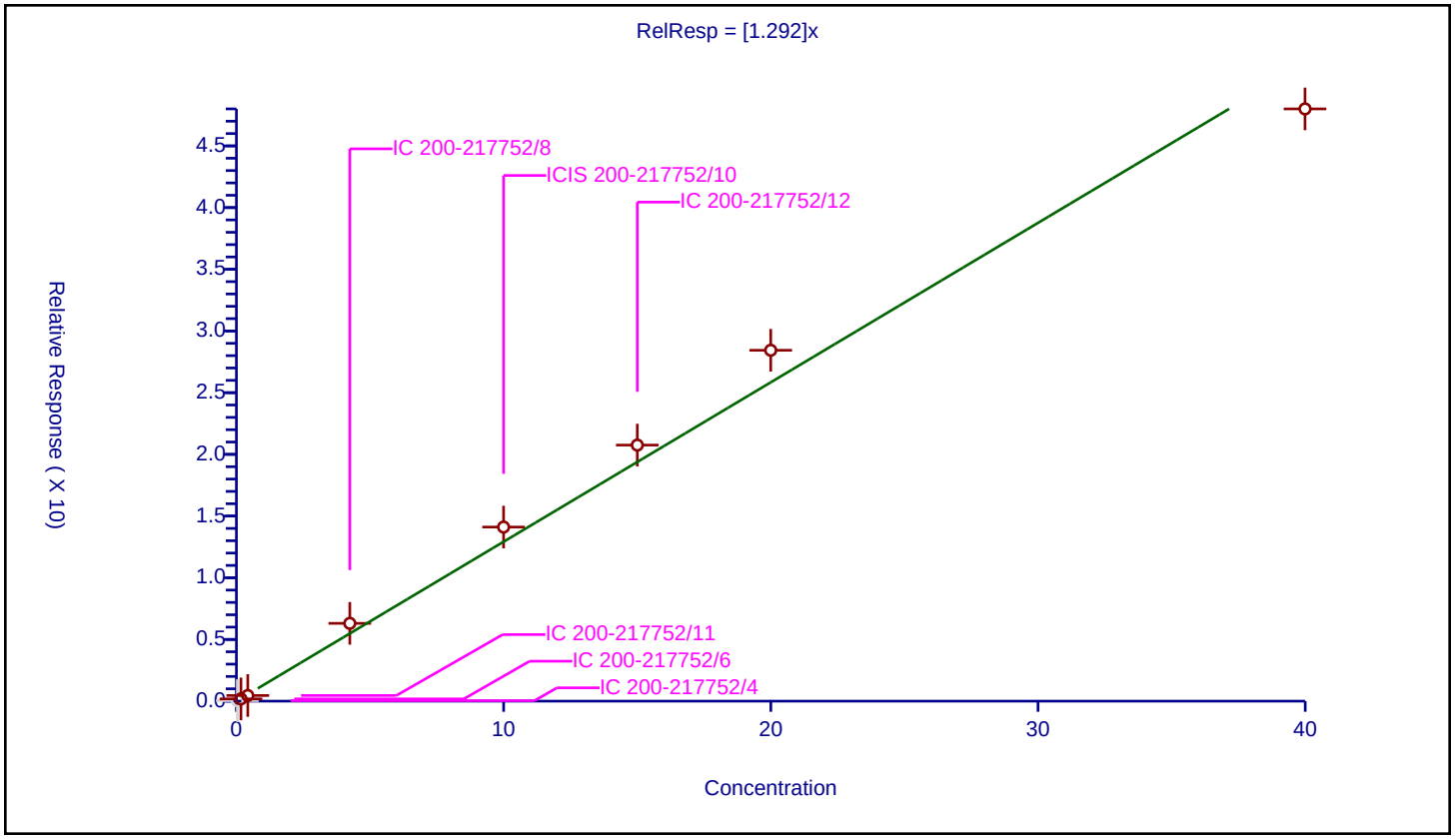
Curve Coefficients

Intercept:	0
Slope:	1.292

Error Coefficients

Relative Standard Deviation:	13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.039344	10.0	1334624.0	1.12166	N
2	IC 200-217752/6	0.170374	0.182321	10.0	1179788.0	1.070123	Y
3	IC 200-217752/11	0.425385	0.456024	10.0	1168798.0	1.072027	Y
4	IC 200-217752/8	4.243678	6.305201	10.0	1129033.0	1.485787	Y
5	ICIS 200-217752/10	9.99806	14.10814	10.0	1230019.0	1.411088	Y
6	IC 200-217752/12	15.003557	20.751024	10.0	1243861.0	1.383074	Y
7	IC 200-217752/14	19.99612	28.435441	10.0	1233402.0	1.422048	Y
8	IC 200-217752/15	39.99224	47.998152	10.0	1190165.0	1.200187	Y



Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

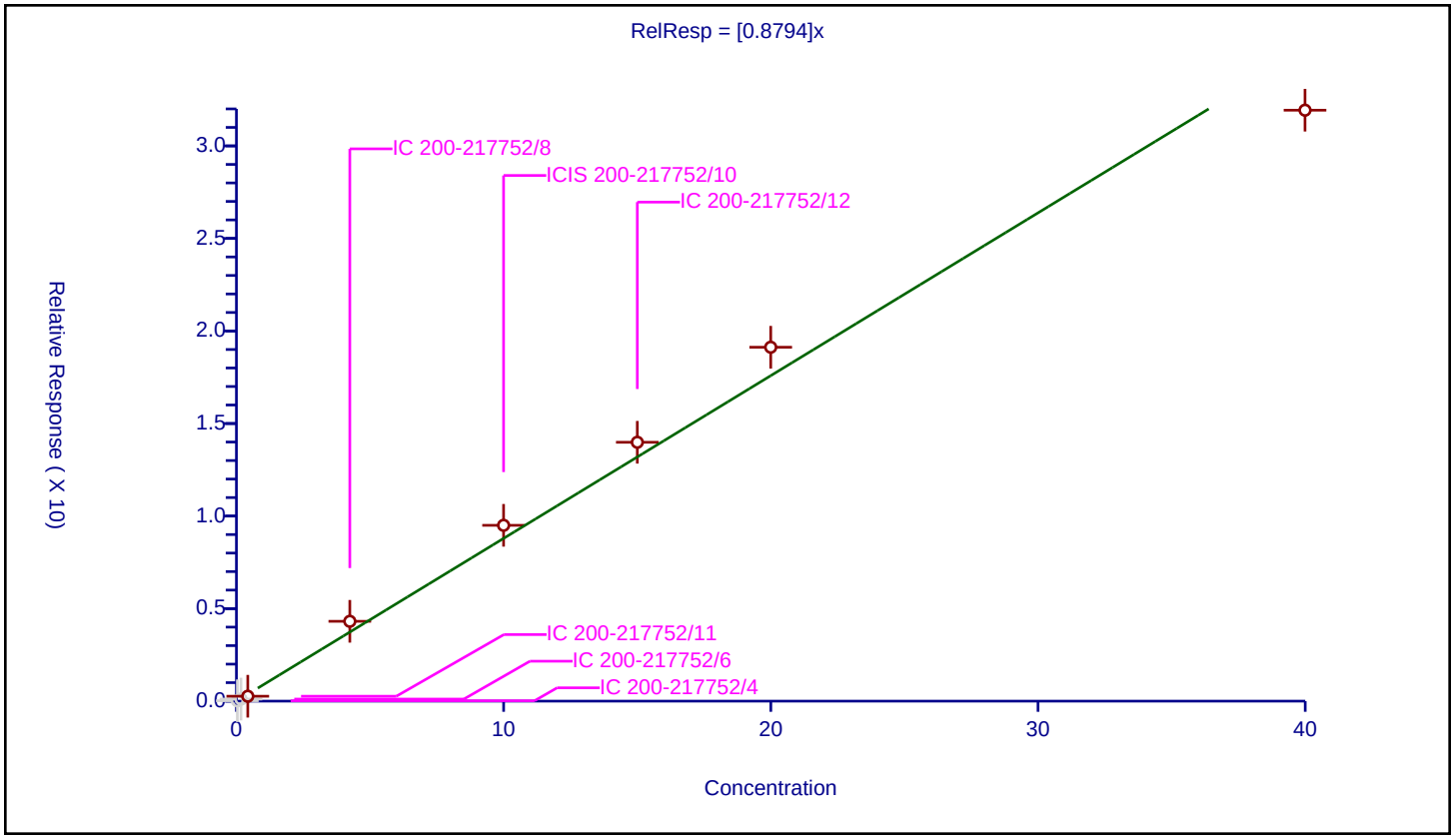
Curve Coefficients

Intercept:	0
Slope:	0.8794

Error Coefficients

Relative Standard Deviation:	16.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.021489	10.0	1334624.0	0.61263	N
2	IC 200-217752/6	0.170374	0.111028	10.0	1179788.0	0.651676	N
3	IC 200-217752/11	0.425385	0.264999	10.0	1168798.0	0.622963	Y
4	IC 200-217752/8	4.243678	4.312921	10.0	1129033.0	1.016317	Y
5	ICIS 200-217752/10	9.99806	9.499536	10.0	1230019.0	0.950138	Y
6	IC 200-217752/12	15.003557	13.987351	10.0	1243861.0	0.932269	Y
7	IC 200-217752/14	19.99612	19.121722	10.0	1233402.0	0.956272	Y
8	IC 200-217752/15	39.99224	31.930178	10.0	1190165.0	0.798409	Y



Calibration / Alpha Methyl Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

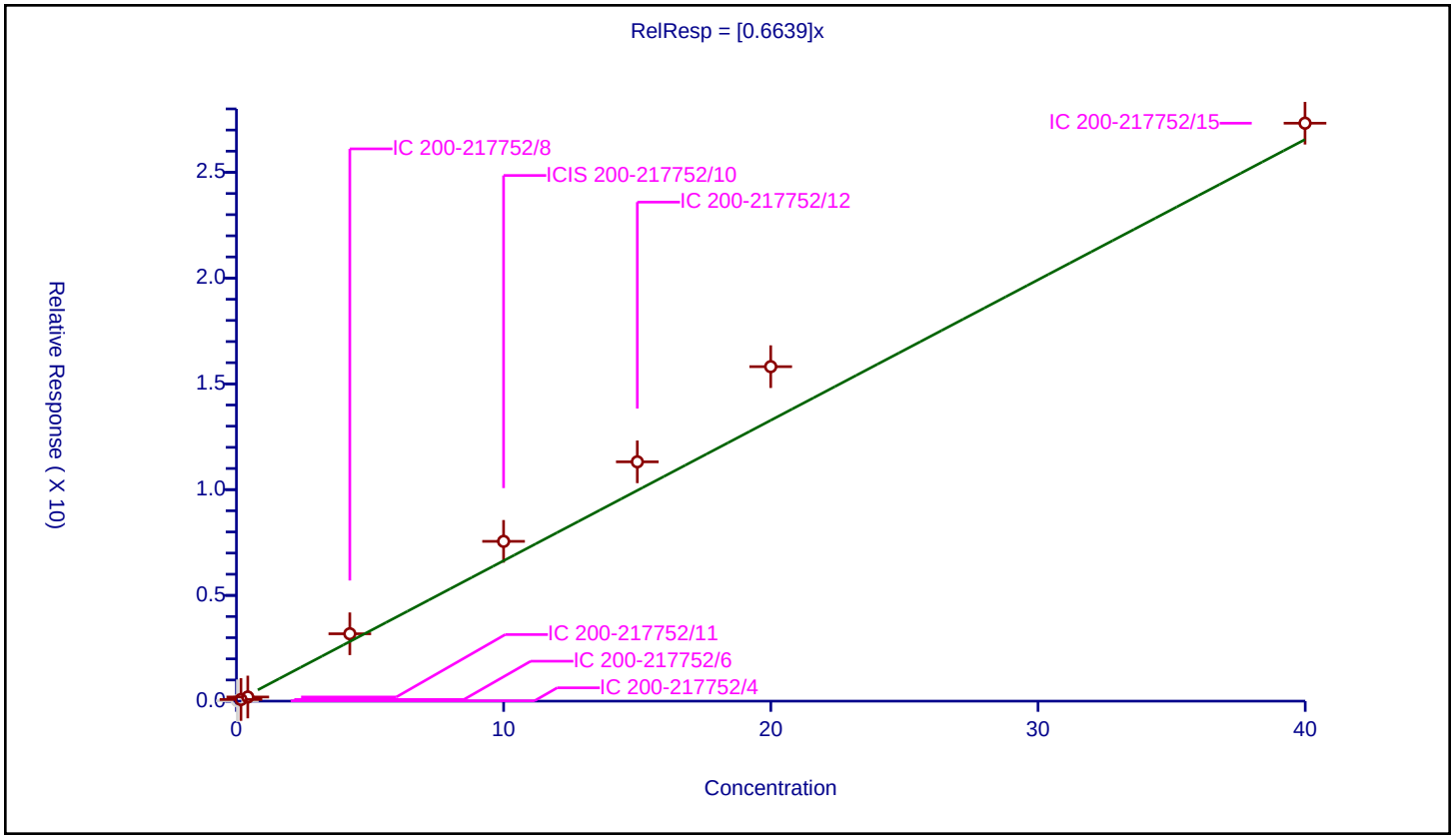
Curve Coefficients

Intercept:	0
Slope:	0.6639

Error Coefficients

Relative Standard Deviation:	21.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.017173	10.0	1334624.0	0.489592	N
2	IC 200-217752/6	0.170374	0.076971	10.0	1179788.0	0.45178	Y
3	IC 200-217752/11	0.425385	0.196313	10.0	1168798.0	0.461495	Y
4	IC 200-217752/8	4.243678	3.185319	10.0	1129033.0	0.750603	Y
5	ICIS 200-217752/10	9.99806	7.554005	10.0	1230019.0	0.755547	Y
6	IC 200-217752/12	15.003557	11.31415	10.0	1243861.0	0.754098	Y
7	IC 200-217752/14	19.99612	15.813409	10.0	1233402.0	0.790824	Y
8	IC 200-217752/15	39.99224	27.323682	10.0	1190165.0	0.683225	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

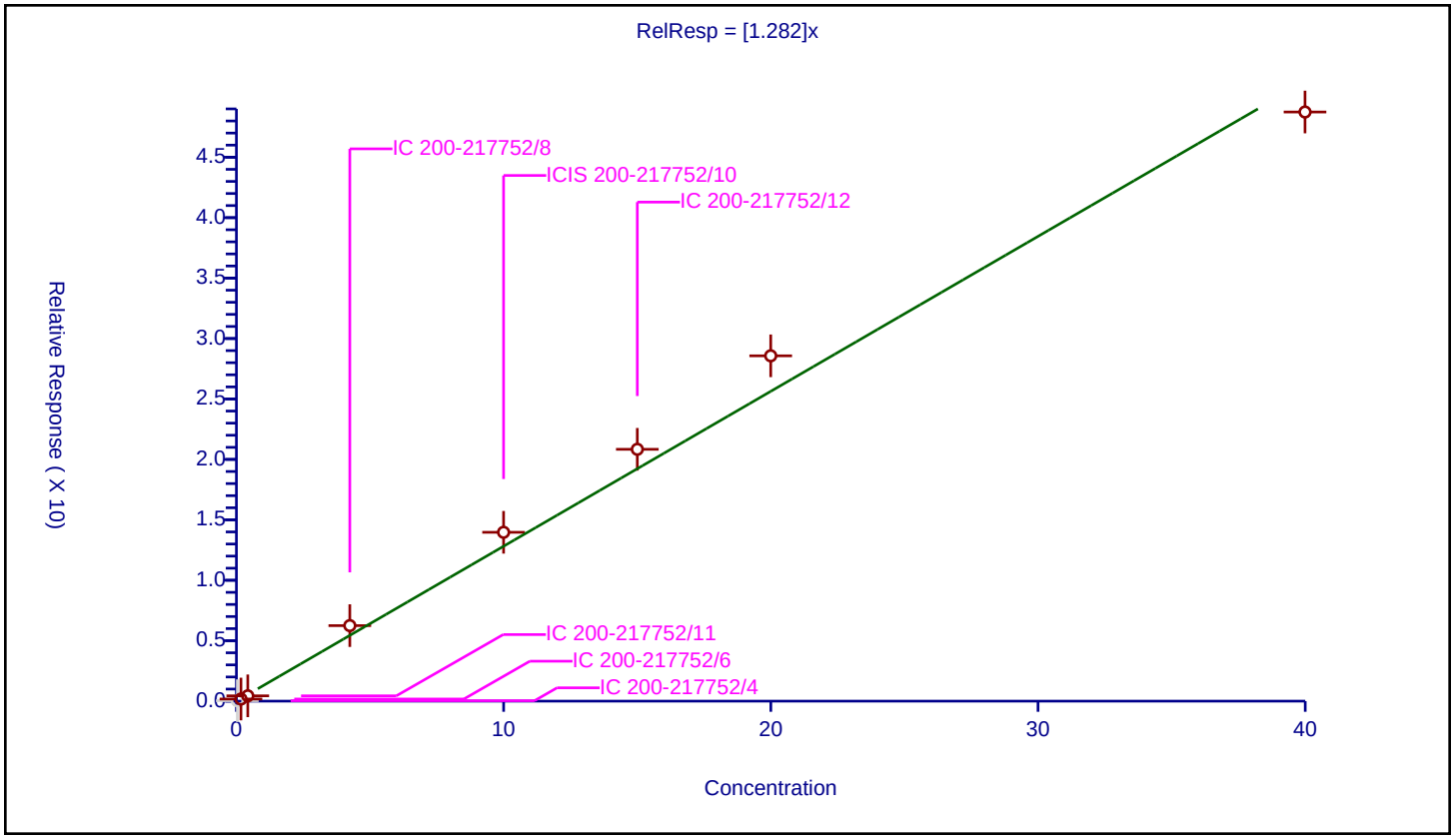
Curve Coefficients

Intercept:	0
Slope:	1.282

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.036729	10.0	1334624.0	1.047111	N
2	IC 200-217752/6	0.170374	0.17582	10.0	1179788.0	1.031965	Y
3	IC 200-217752/11	0.425385	0.439896	10.0	1168798.0	1.034114	Y
4	IC 200-217752/8	4.243678	6.248728	10.0	1129033.0	1.472479	Y
5	ICIS 200-217752/10	9.99806	13.969735	10.0	1230019.0	1.397245	Y
6	IC 200-217752/12	15.003557	20.836283	10.0	1243861.0	1.388756	Y
7	IC 200-217752/14	19.99612	28.571642	10.0	1233402.0	1.428859	Y
8	IC 200-217752/15	39.99224	48.741822	10.0	1190165.0	1.218782	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

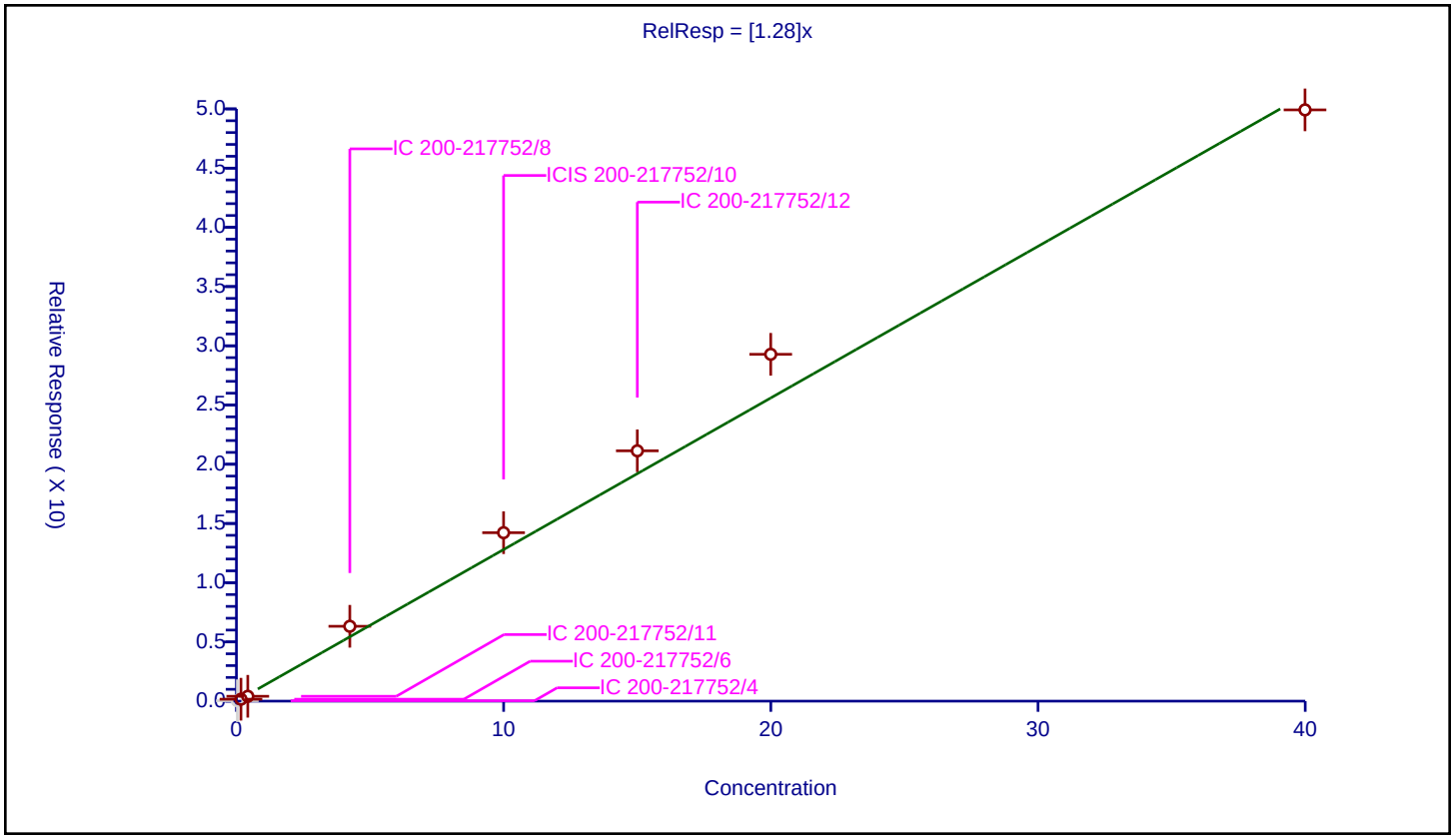
Curve Coefficients

Intercept:	0
Slope:	1.28

Error Coefficients

Relative Standard Deviation:	17.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.034886	10.0	1334624.0	0.994563	N
2	IC 200-217752/6	0.170374	0.16375	10.0	1179788.0	0.961121	Y
3	IC 200-217752/11	0.425385	0.410815	10.0	1168798.0	0.96575	Y
4	IC 200-217752/8	4.243678	6.319027	10.0	1129033.0	1.489045	Y
5	ICIS 200-217752/10	9.99806	14.221203	10.0	1230019.0	1.422396	Y
6	IC 200-217752/12	15.003557	21.133061	10.0	1243861.0	1.408537	Y
7	IC 200-217752/14	19.99612	29.282221	10.0	1233402.0	1.464395	Y
8	IC 200-217752/15	39.99224	49.917112	10.0	1190165.0	1.24817	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

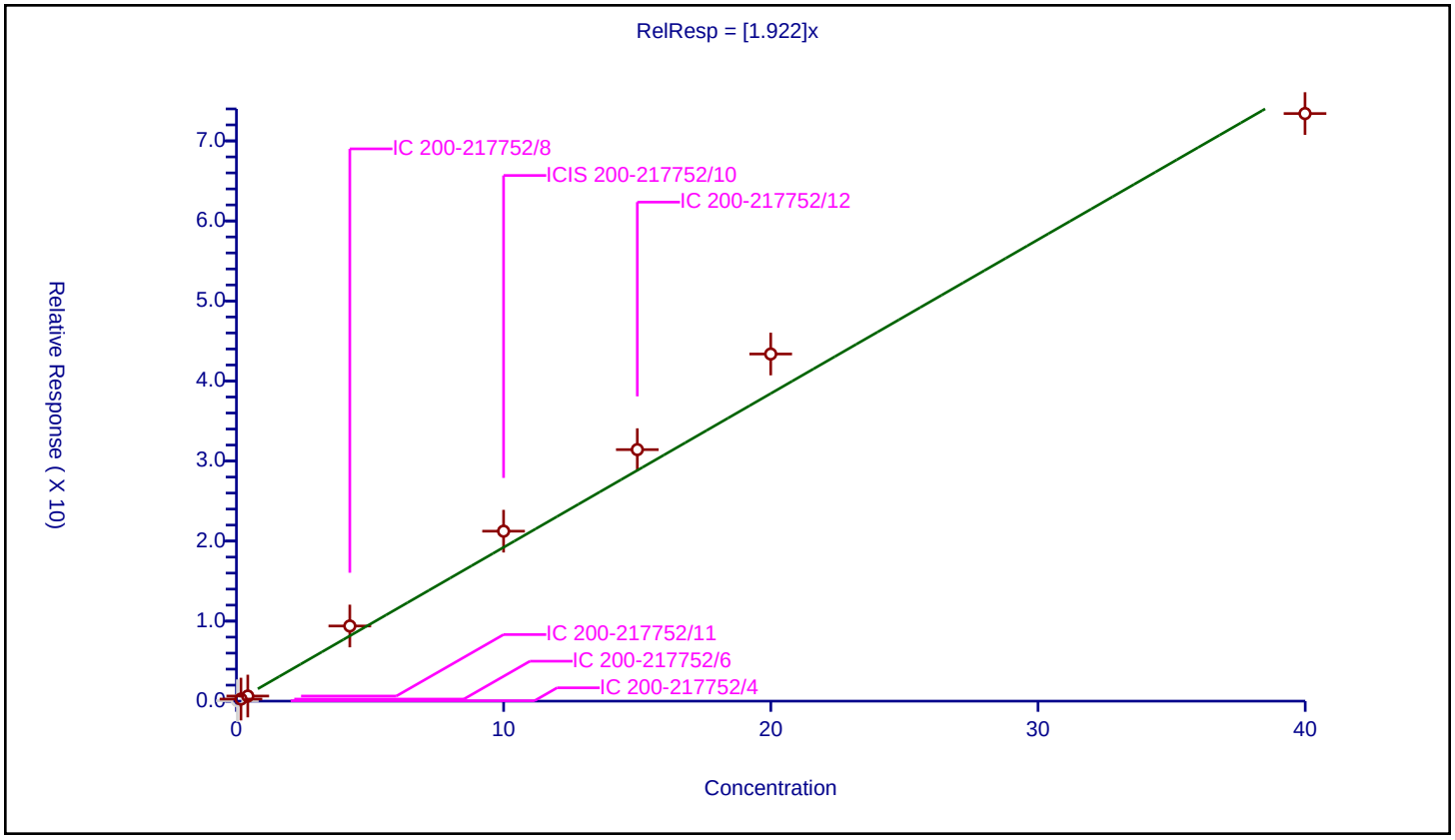
Curve Coefficients

Intercept:	0
Slope:	1.922

Error Coefficients

Relative Standard Deviation:	16.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.053199	10.0	1334624.0	1.516623	N
2	IC 200-217752/6	0.170374	0.258784	10.0	1179788.0	1.518918	Y
3	IC 200-217752/11	0.425385	0.637972	10.0	1168798.0	1.499752	Y
4	IC 200-217752/8	4.243678	9.388158	10.0	1129033.0	2.212269	Y
5	ICIS 200-217752/10	9.99806	21.2369	10.0	1230019.0	2.124102	Y
6	IC 200-217752/12	15.003557	31.425626	10.0	1243861.0	2.094545	Y
7	IC 200-217752/14	19.99612	43.373645	10.0	1233402.0	2.169103	Y
8	IC 200-217752/15	39.99224	73.417778	10.0	1190165.0	1.835801	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

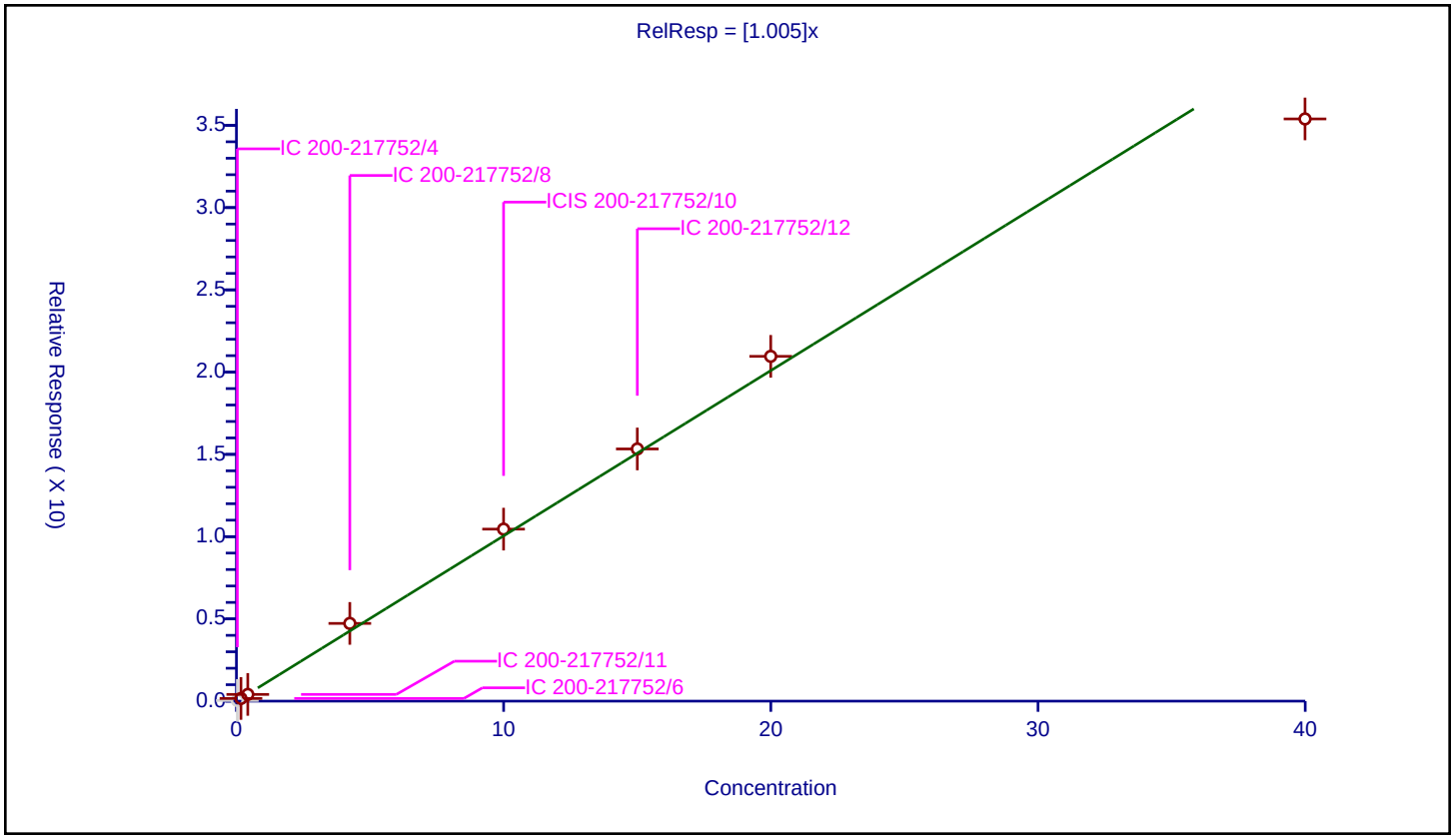
Curve Coefficients

Intercept:	0
Slope:	1.005

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.040371	10.0	1334624.0	1.150925	N
2	IC 200-217752/6	0.170374	0.163292	10.0	1179788.0	0.958435	Y
3	IC 200-217752/11	0.425385	0.40871	10.0	1168798.0	0.960802	Y
4	IC 200-217752/8	4.243678	4.724193	10.0	1129033.0	1.113231	Y
5	ICIS 200-217752/10	9.99806	10.455806	10.0	1230019.0	1.045783	Y
6	IC 200-217752/12	15.003557	15.329615	10.0	1243861.0	1.021732	Y
7	IC 200-217752/14	19.99612	20.958722	10.0	1233402.0	1.048139	Y
8	IC 200-217752/15	39.99224	35.389144	10.0	1190165.0	0.8849	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

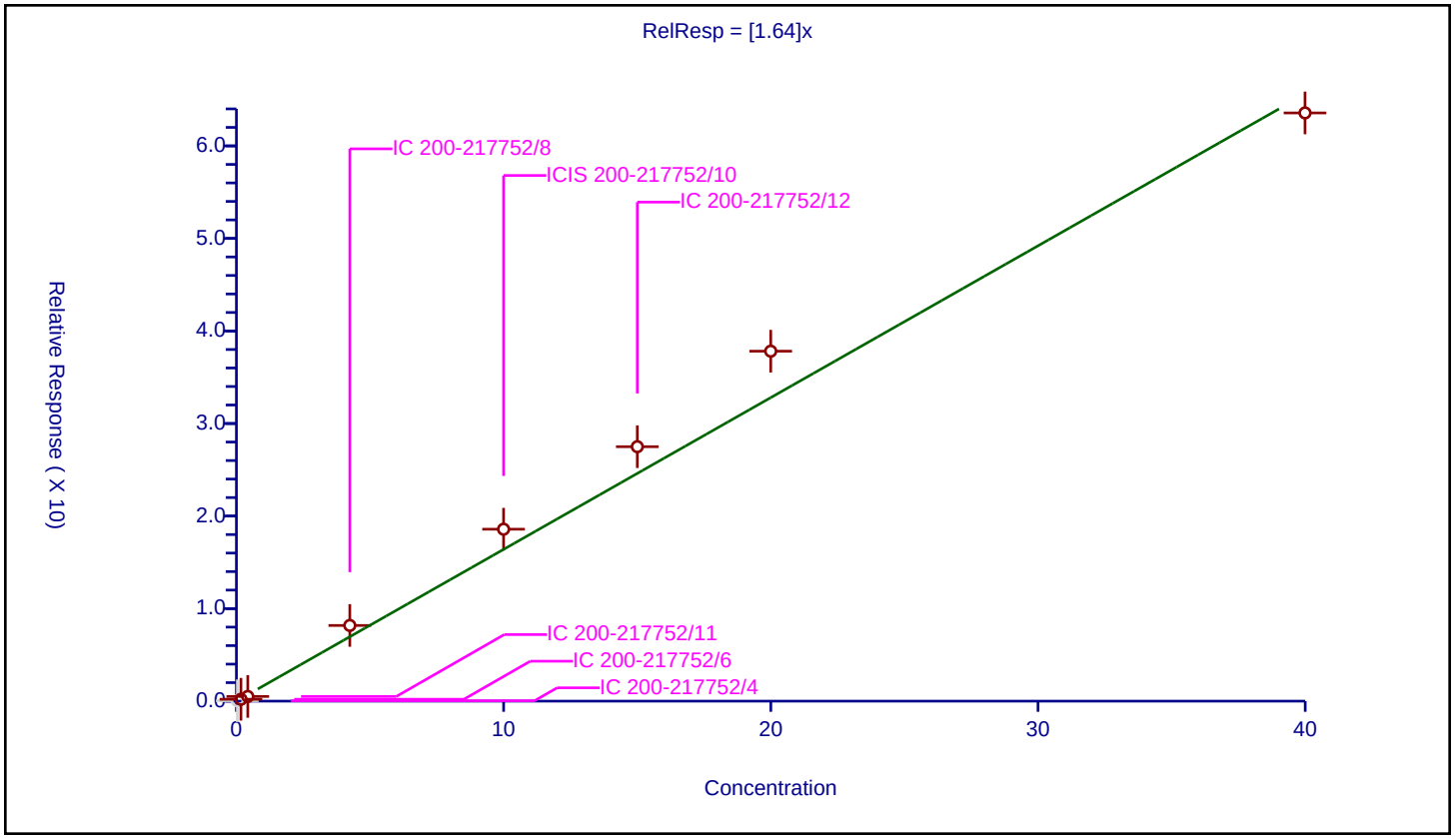
Curve Coefficients

Intercept:	0
Slope:	1.64

Error Coefficients

Relative Standard Deviation:	19.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.042259	10.0	1334624.0	1.204754	N
2	IC 200-217752/6	0.170374	0.202409	10.0	1179788.0	1.188031	Y
3	IC 200-217752/11	0.425385	0.508009	10.0	1168798.0	1.194234	Y
4	IC 200-217752/8	4.243678	8.179017	10.0	1129033.0	1.927341	Y
5	ICIS 200-217752/10	9.99806	18.579063	10.0	1230019.0	1.858267	Y
6	IC 200-217752/12	15.003557	27.497349	10.0	1243861.0	1.832722	Y
7	IC 200-217752/14	19.99612	37.817232	10.0	1233402.0	1.891229	Y
8	IC 200-217752/15	39.99224	63.563582	10.0	1190165.0	1.589398	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

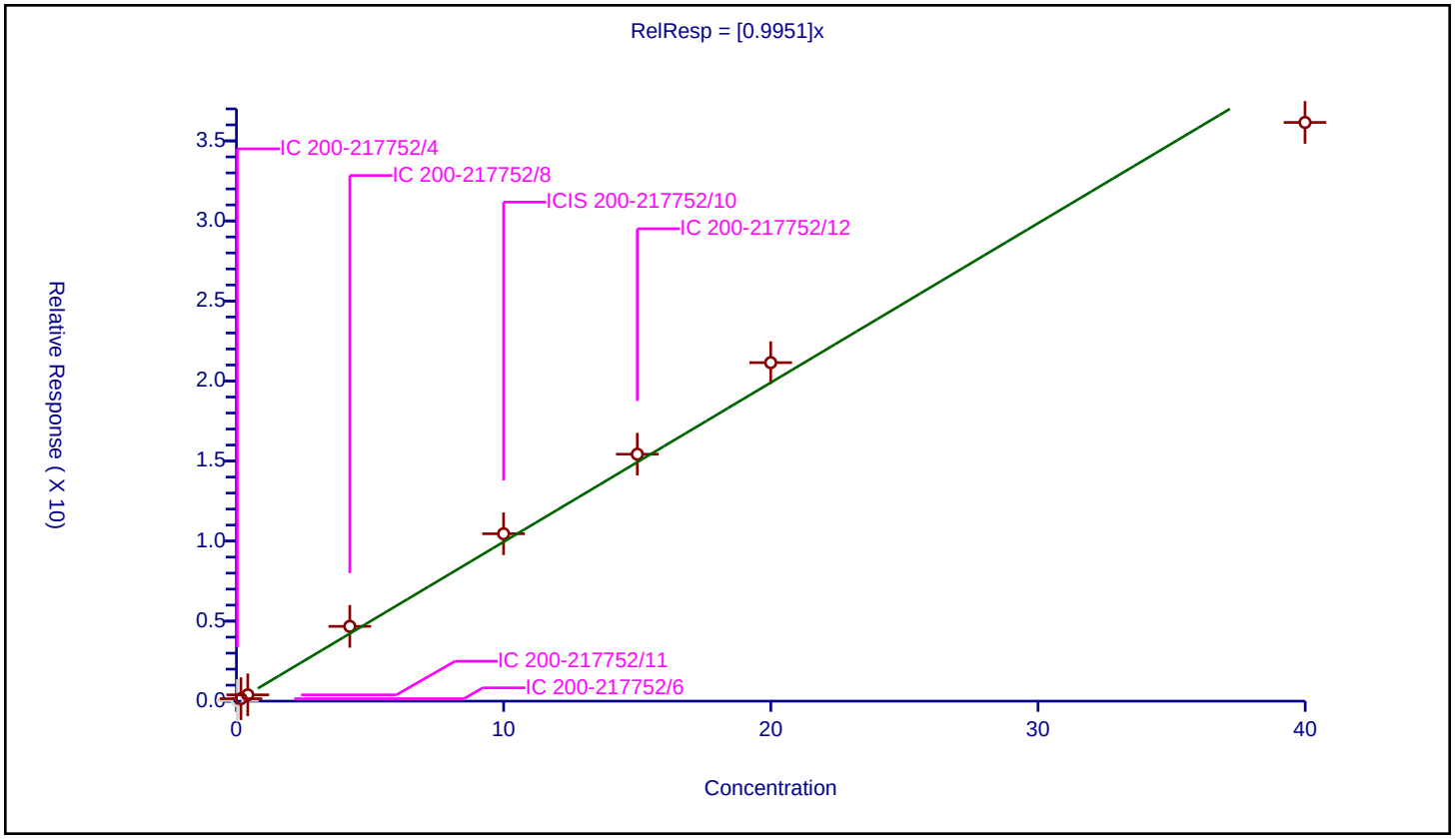
Curve Coefficients

Intercept:	0
Slope:	0.9951

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.037479	10.0	1334624.0	1.068472	N
2	IC 200-217752/6	0.170374	0.153663	10.0	1179788.0	0.901918	Y
3	IC 200-217752/11	0.425385	0.394499	10.0	1168798.0	0.927394	Y
4	IC 200-217752/8	4.243678	4.67144	10.0	1129033.0	1.1008	Y
5	ICIS 200-217752/10	9.99806	10.45779	10.0	1230019.0	1.045982	Y
6	IC 200-217752/12	15.003557	15.426619	10.0	1243861.0	1.028197	Y
7	IC 200-217752/14	19.99612	21.147387	10.0	1233402.0	1.057575	Y
8	IC 200-217752/15	39.99224	36.153248	10.0	1190165.0	0.904007	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

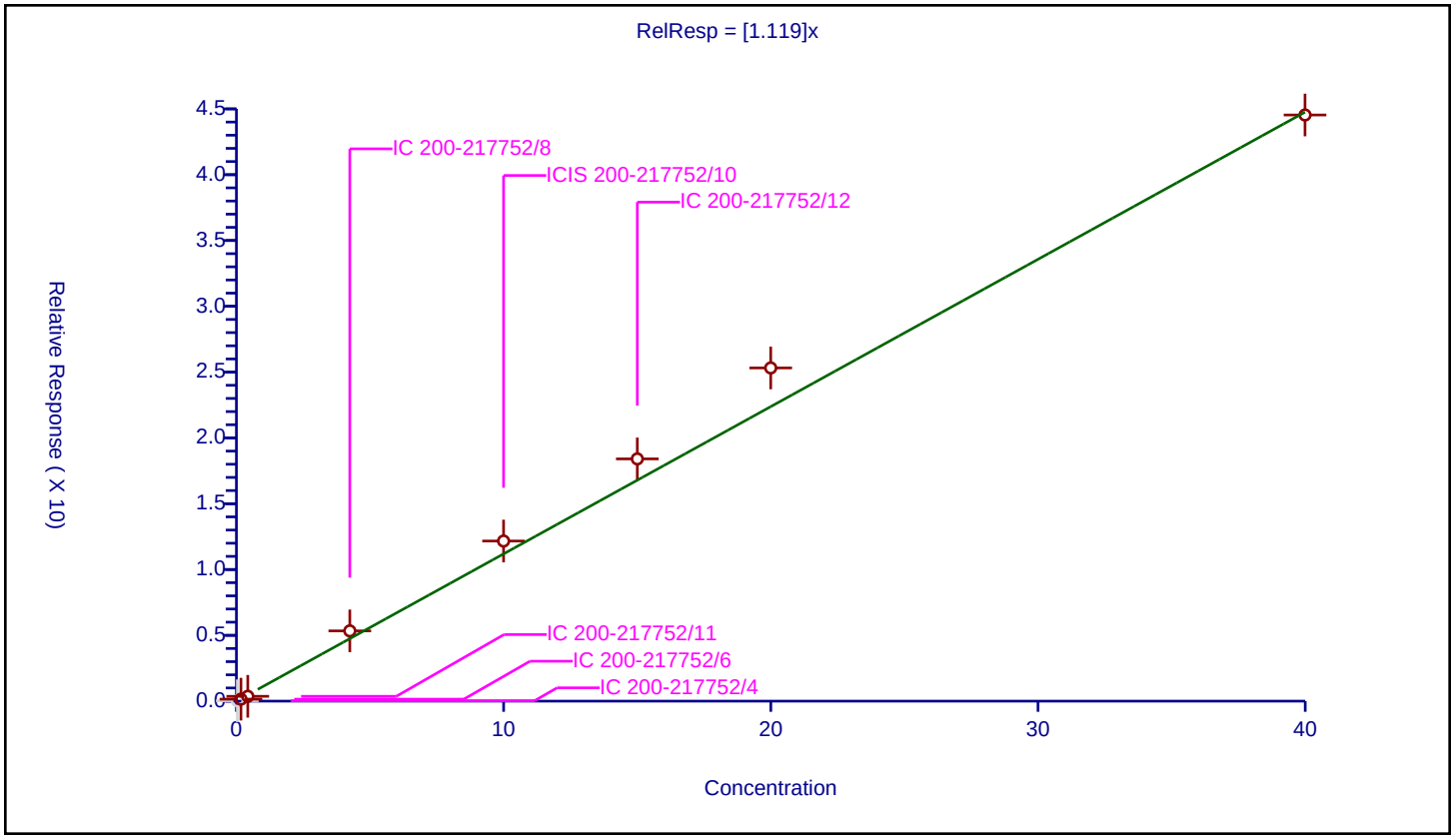
Curve Coefficients

Intercept:	0
Slope:	1.119

Error Coefficients

Relative Standard Deviation:	15.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.029949	10.0	1334624.0	0.853795	N
2	IC 200-217752/6	0.170374	0.151375	10.0	1179788.0	0.888486	Y
3	IC 200-217752/11	0.425385	0.367386	10.0	1168798.0	0.863656	Y
4	IC 200-217752/8	4.243678	5.338427	10.0	1129033.0	1.257972	Y
5	ICIS 200-217752/10	9.99806	12.164658	10.0	1230019.0	1.216702	Y
6	IC 200-217752/12	15.003557	18.406542	10.0	1243861.0	1.226812	Y
7	IC 200-217752/14	19.99612	25.31735	10.0	1233402.0	1.266113	Y
8	IC 200-217752/15	39.99224	44.536615	10.0	1190165.0	1.113631	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

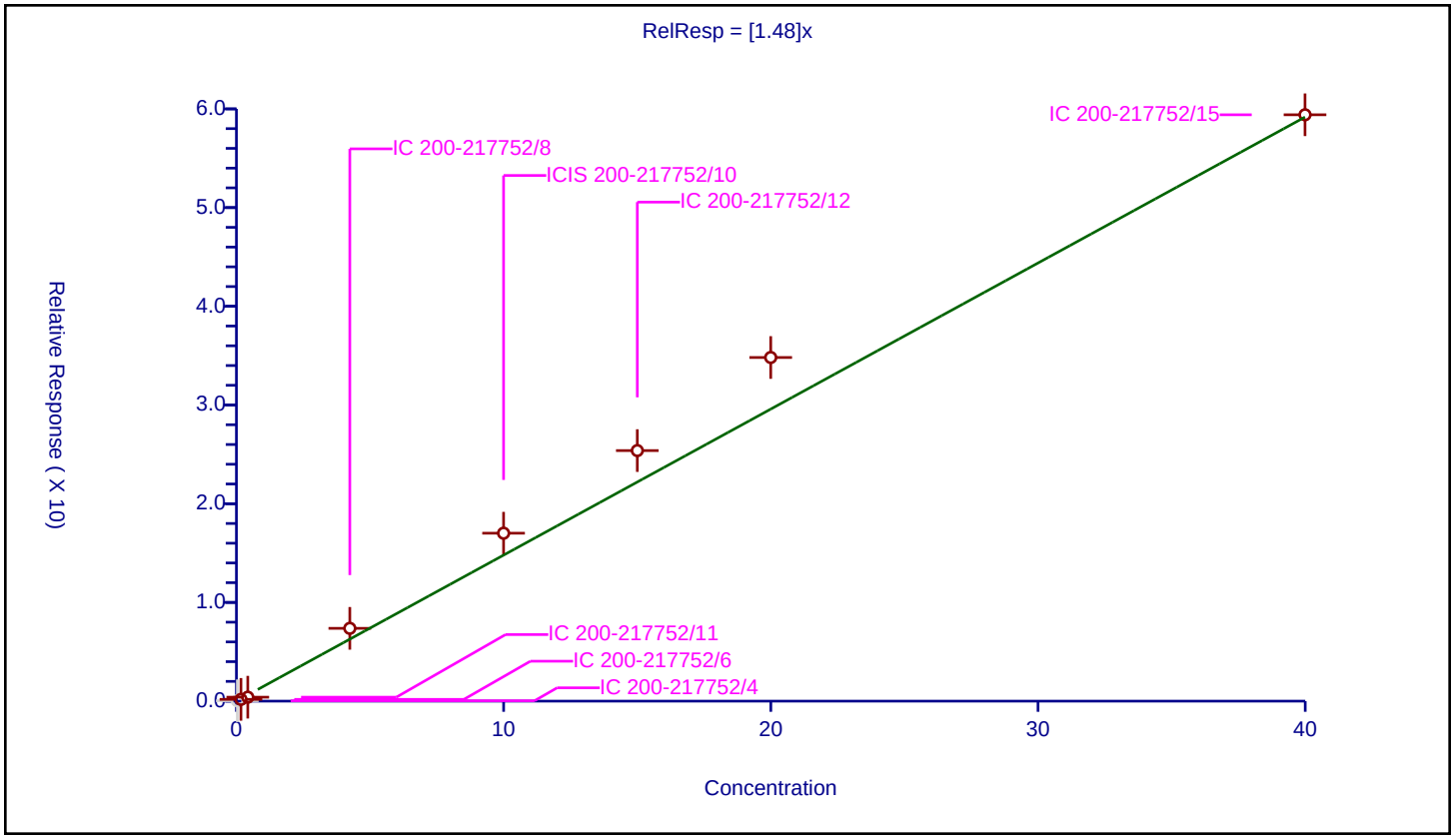
Curve Coefficients

Intercept:	0
Slope:	1.48

Error Coefficients

Relative Standard Deviation:	23.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.039187	10.0	1334624.0	1.117175	N
2	IC 200-217752/6	0.170374	0.180049	10.0	1179788.0	1.05679	Y
3	IC 200-217752/11	0.425385	0.400642	10.0	1168798.0	0.941835	Y
4	IC 200-217752/8	4.243678	7.375985	10.0	1129033.0	1.738111	Y
5	ICIS 200-217752/10	9.99806	17.014103	10.0	1230019.0	1.70174	Y
6	IC 200-217752/12	15.003557	25.384533	10.0	1243861.0	1.691901	Y
7	IC 200-217752/14	19.99612	34.815178	10.0	1233402.0	1.741097	Y
8	IC 200-217752/15	39.99224	59.403604	10.0	1190165.0	1.485378	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

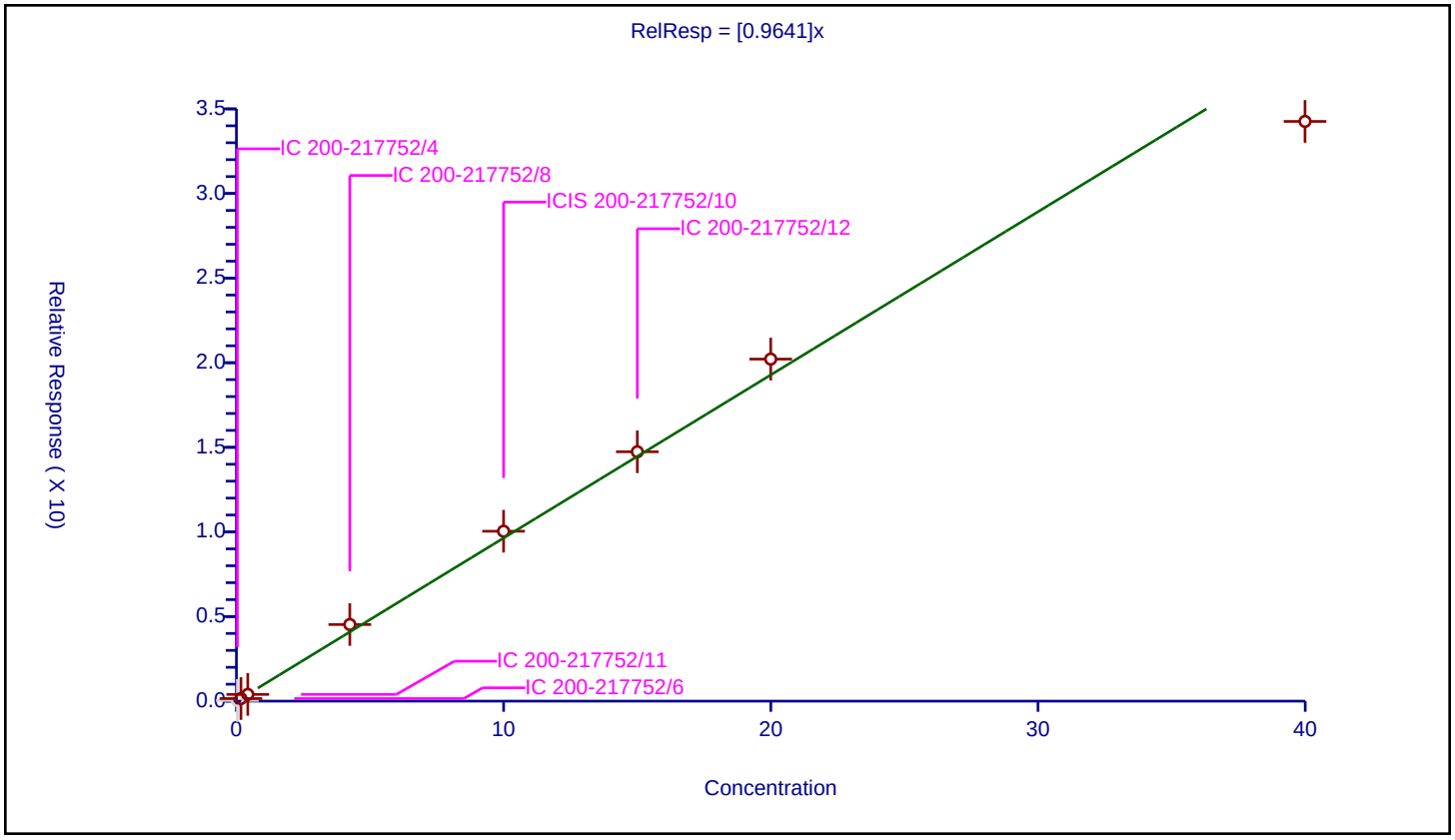
Curve Coefficients

Intercept:	0
Slope:	0.9641

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.040648	10.0	1334624.0	1.158828	N
2	IC 200-217752/6	0.170374	0.152019	10.0	1179788.0	0.892267	Y
3	IC 200-217752/11	0.425385	0.397862	10.0	1168798.0	0.935299	Y
4	IC 200-217752/8	4.243678	4.527219	10.0	1129033.0	1.066815	Y
5	ICIS 200-217752/10	9.99806	10.040585	10.0	1230019.0	1.004253	Y
6	IC 200-217752/12	15.003557	14.737467	10.0	1243861.0	0.982265	Y
7	IC 200-217752/14	19.99612	20.213402	10.0	1233402.0	1.010866	Y
8	IC 200-217752/15	39.99224	34.260913	10.0	1190165.0	0.856689	Y



Calibration / Undecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

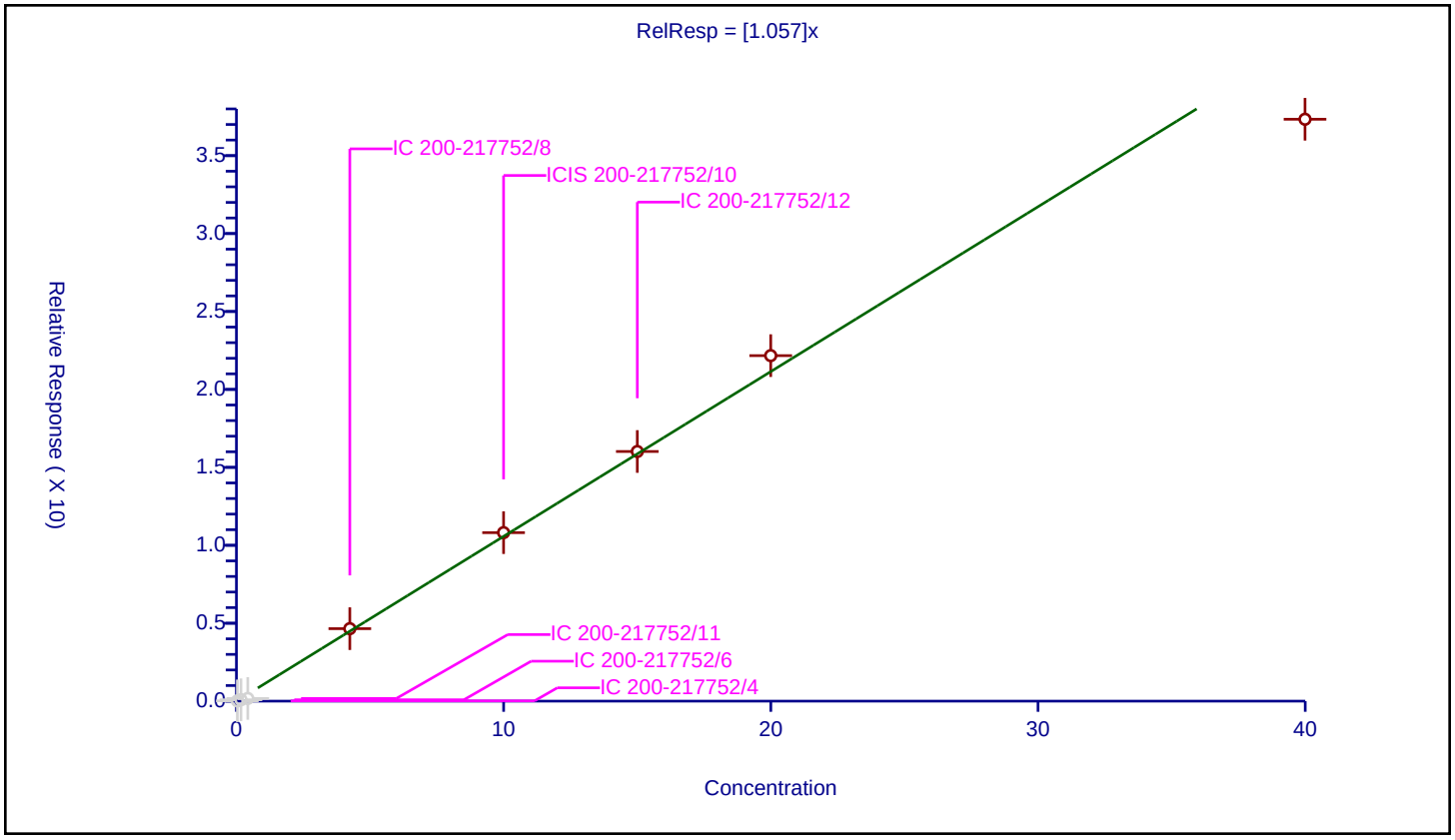
Curve Coefficients

Intercept:	0
Slope:	1.057

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.018447	10.0	1334624.0	0.525905	N
2	IC 200-217752/6	0.170374	0.088524	10.0	1179788.0	0.519589	N
3	IC 200-217752/11	0.425385	0.173443	10.0	1168798.0	0.407732	N
4	IC 200-217752/8	4.243678	4.650475	10.0	1129033.0	1.095859	Y
5	ICIS 200-217752/10	9.99806	10.811695	10.0	1230019.0	1.081379	Y
6	IC 200-217752/12	15.003557	16.01802	10.0	1243861.0	1.067615	Y
7	IC 200-217752/14	19.99612	22.168028	10.0	1233402.0	1.108616	Y
8	IC 200-217752/15	39.99224	37.334655	10.0	1190165.0	0.933548	Y



Calibration / Dodecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

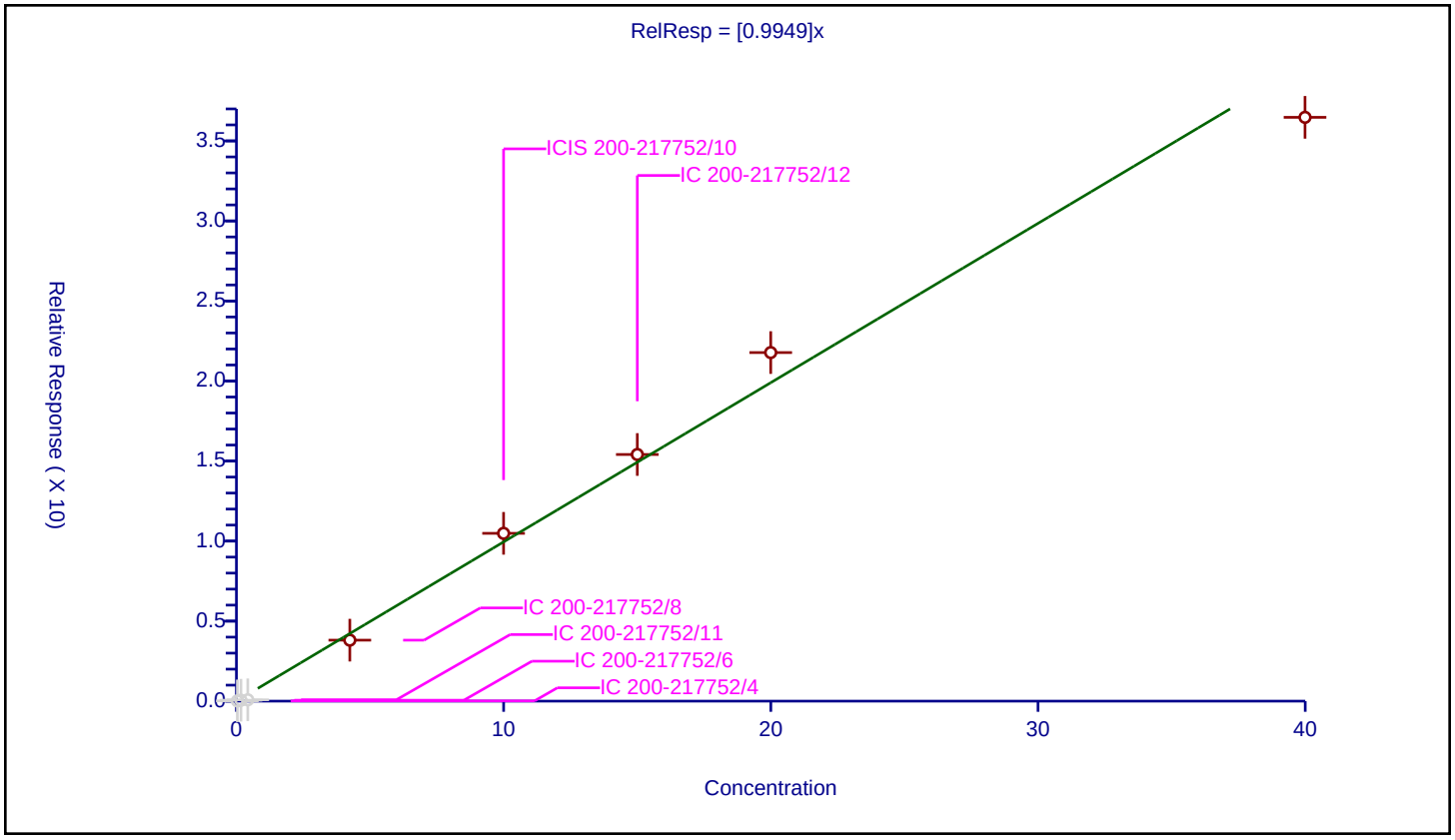
Curve Coefficients

Intercept:	0
Slope:	0.9949

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.035077	0.015727	10.0	1334624.0	0.448365	N
2	IC 200-217752/6	0.170374	0.05818	10.0	1179788.0	0.341484	N
3	IC 200-217752/11	0.425385	0.084232	10.0	1168798.0	0.198013	N
4	IC 200-217752/8	4.243678	3.810066	10.0	1129033.0	0.897822	Y
5	ICIS 200-217752/10	9.99806	10.483765	10.0	1230019.0	1.04858	Y
6	IC 200-217752/12	15.003557	15.409471	10.0	1243861.0	1.027055	Y
7	IC 200-217752/14	19.99612	21.777052	10.0	1233402.0	1.089064	Y
8	IC 200-217752/15	39.99224	36.472766	10.0	1190165.0	0.911996	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

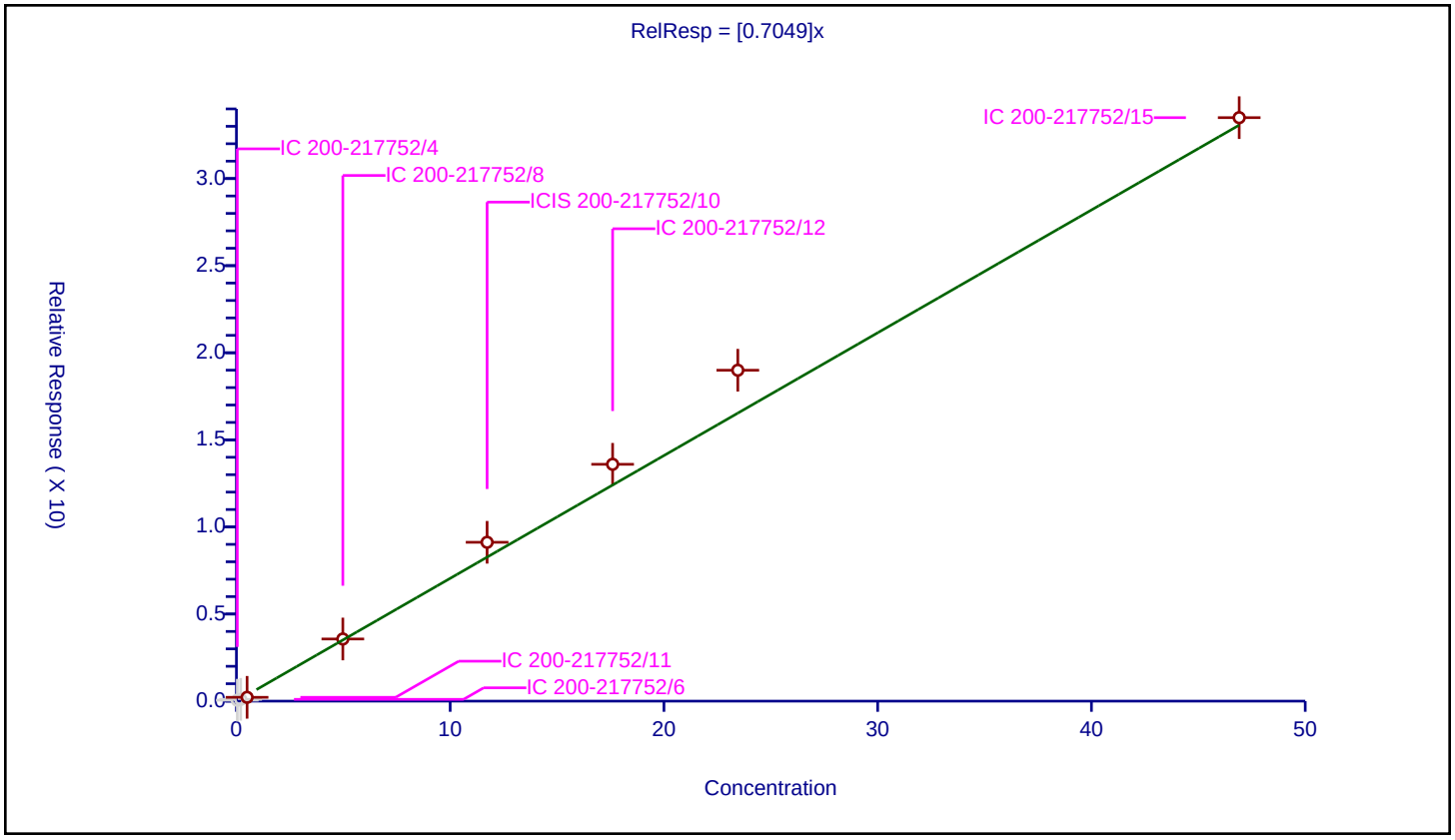
Curve Coefficients

Intercept:	0
Slope:	0.7049

Error Coefficients

Relative Standard Deviation:	19.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.041145	0.05382	10.0	1334624.0	1.308059	N
2	IC 200-217752/6	0.199848	0.102942	10.0	1179788.0	0.515102	N
3	IC 200-217752/11	0.498976	0.218806	10.0	1168798.0	0.43851	Y
4	IC 200-217752/8	4.977835	3.568169	10.0	1129033.0	0.716811	Y
5	ICIS 200-217752/10	11.727724	9.119412	10.0	1230019.0	0.777594	Y
6	IC 200-217752/12	17.599172	13.596873	10.0	1243861.0	0.772586	Y
7	IC 200-217752/14	23.455448	18.997083	10.0	1233402.0	0.809922	Y
8	IC 200-217752/15	46.910897	33.496767	10.0	1190165.0	0.714051	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

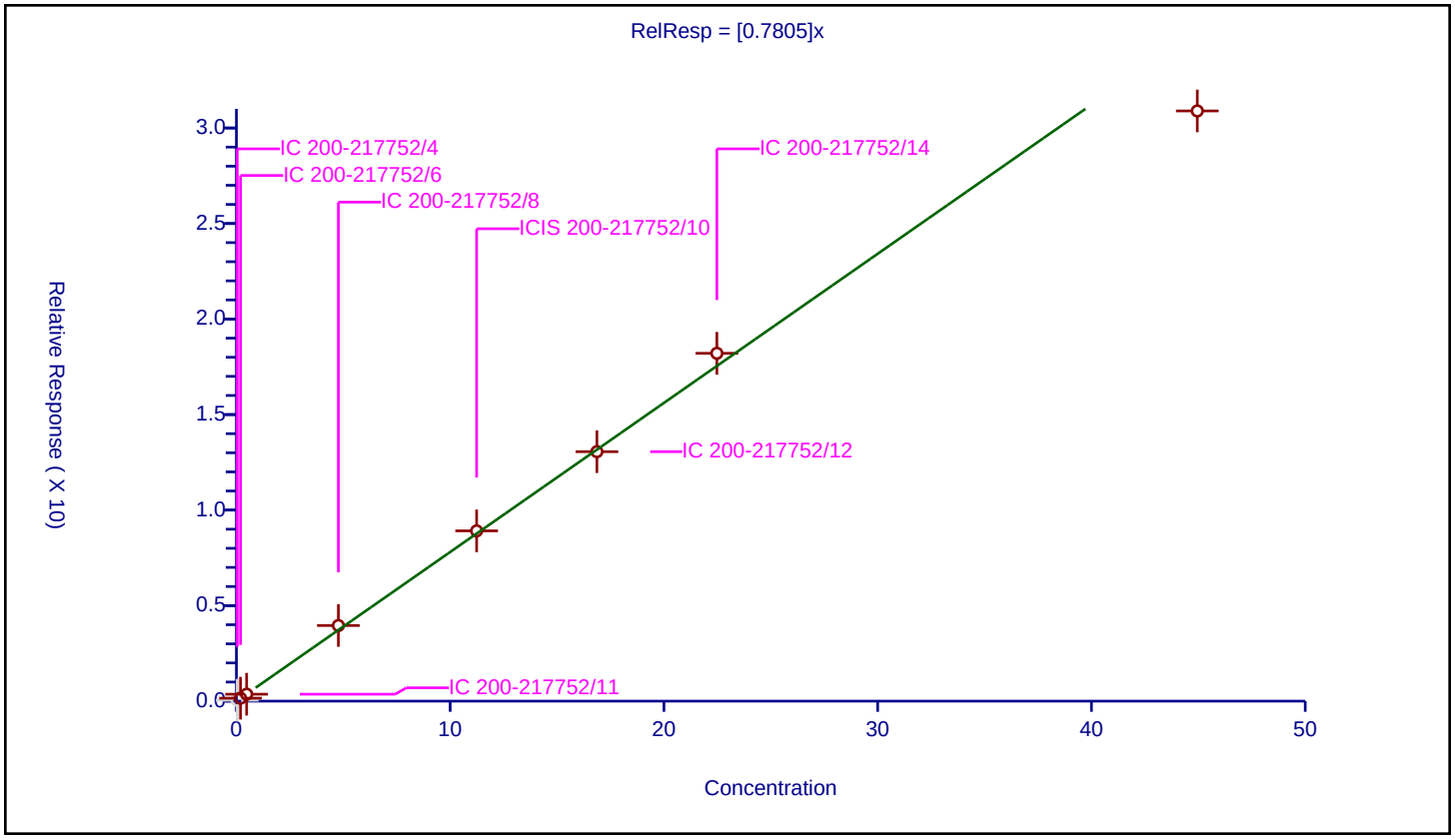
Curve Coefficients

Intercept:	0
Slope:	0.7805

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.039426	0.047661	10.0	1334624.0	1.208867	N
2	IC 200-217752/6	0.1915	0.154875	10.0	1179788.0	0.808748	Y
3	IC 200-217752/11	0.478132	0.363519	10.0	1168798.0	0.760289	Y
4	IC 200-217752/8	4.769895	3.958219	10.0	1129033.0	0.829834	Y
5	ICIS 200-217752/10	11.237819	8.913196	10.0	1230019.0	0.793143	Y
6	IC 200-217752/12	16.863998	13.057351	10.0	1243861.0	0.774274	Y
7	IC 200-217752/14	22.475639	18.208305	10.0	1233402.0	0.810135	Y
8	IC 200-217752/15	44.951277	30.89317	10.0	1190165.0	0.687259	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

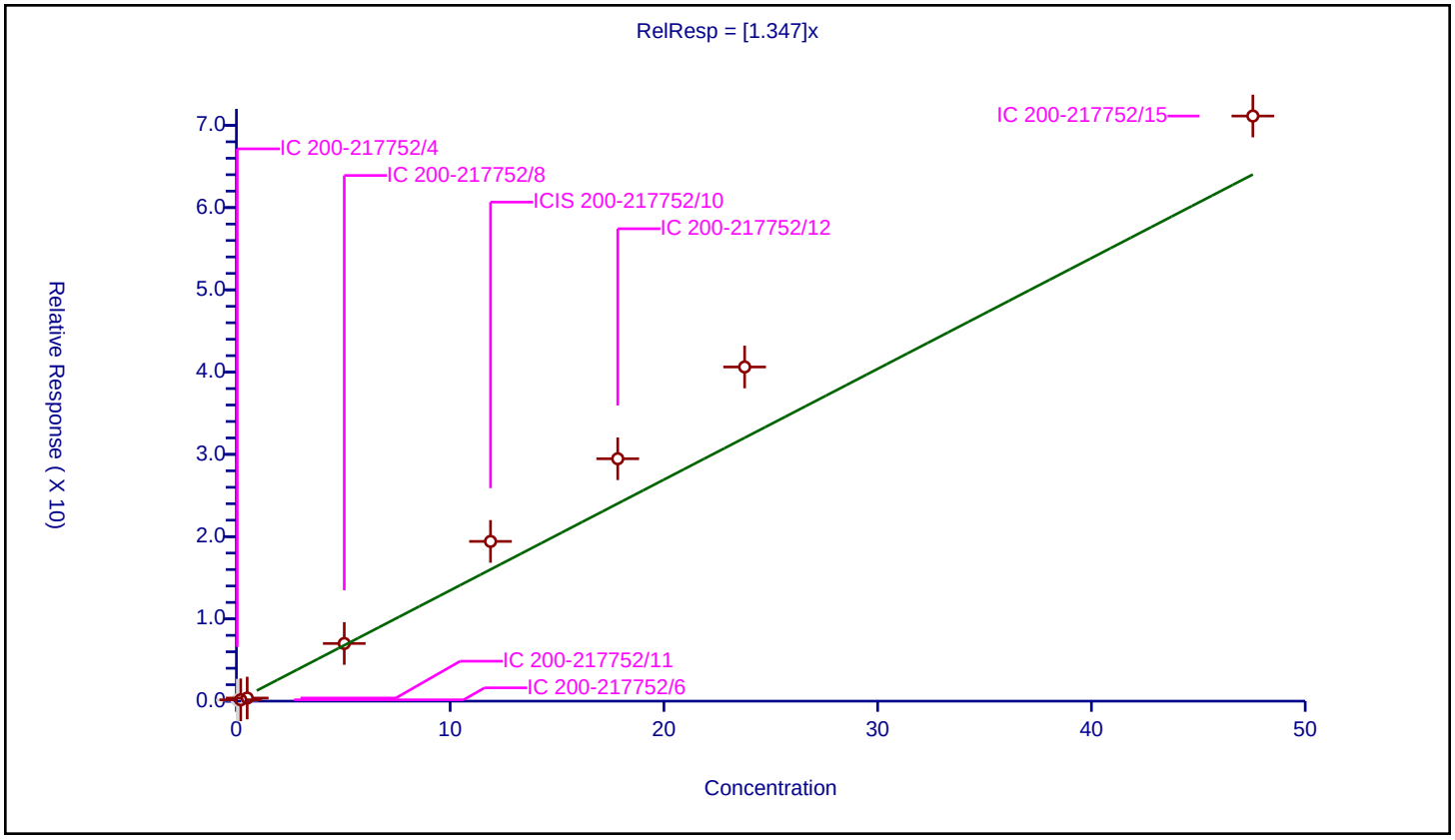
Curve Coefficients

Intercept:	0
Slope:	1.347

Error Coefficients

Relative Standard Deviation:	30.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.041706	0.124357	10.0	1334624.0	2.981722	N
2	IC 200-217752/6	0.202574	0.162741	10.0	1179788.0	0.803365	Y
3	IC 200-217752/11	0.505782	0.375745	10.0	1168798.0	0.742899	Y
4	IC 200-217752/8	5.045734	7.010876	10.0	1129033.0	1.389466	Y
5	ICIS 200-217752/10	11.887693	19.418489	10.0	1230019.0	1.633495	Y
6	IC 200-217752/12	17.839229	29.470897	10.0	1243861.0	1.652028	Y
7	IC 200-217752/14	23.775386	40.624679	10.0	1233402.0	1.708686	Y
8	IC 200-217752/15	47.550773	71.13233	10.0	1190165.0	1.495924	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

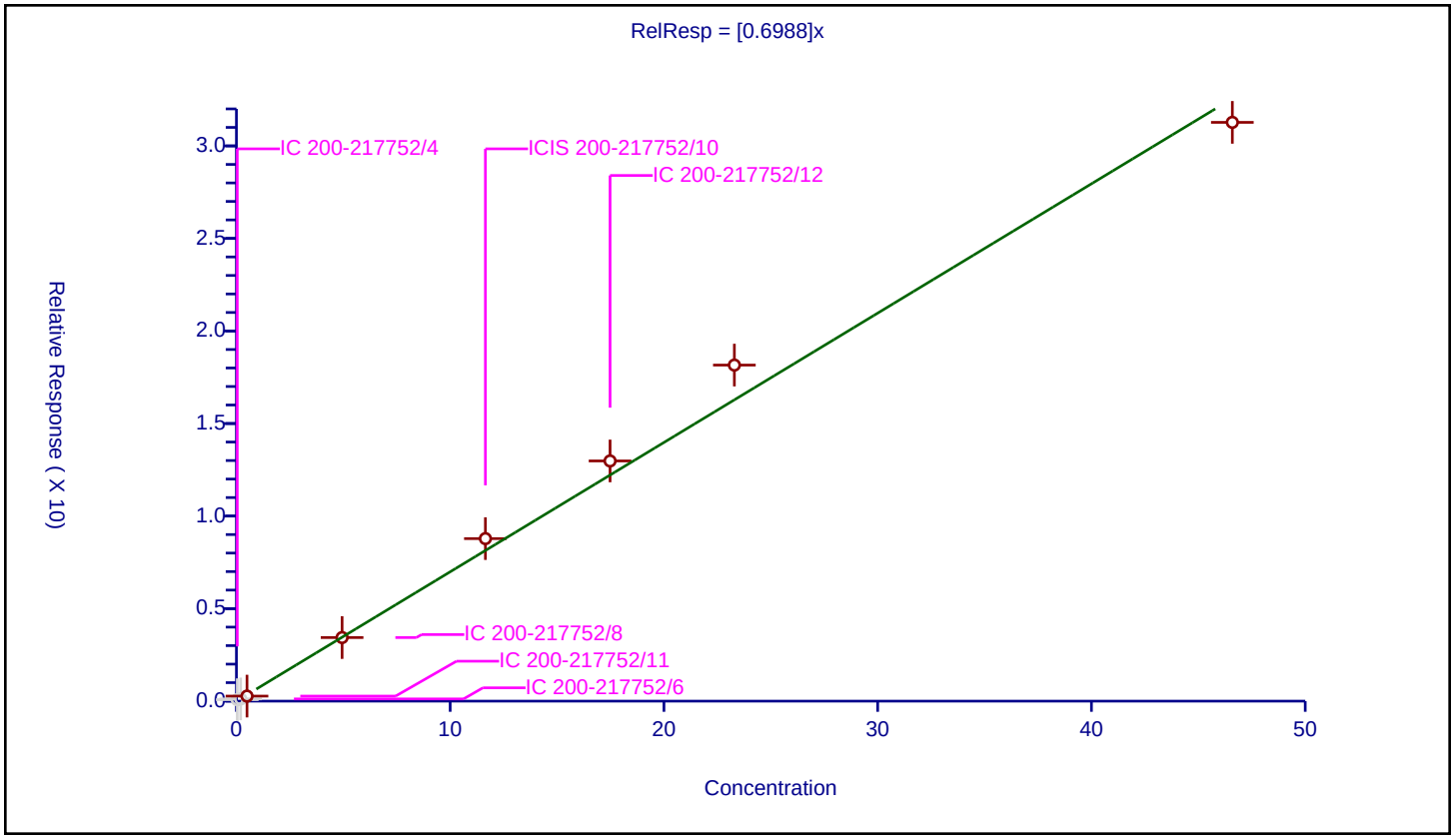
Curve Coefficients

Intercept:	0
Slope:	0.6988

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-217752/4	0.040865	0.07788	10.0	1334624.0	1.905795	N
2	IC 200-217752/6	0.198485	0.119928	10.0	1179788.0	0.604217	N
3	IC 200-217752/11	0.495573	0.272964	10.0	1168798.0	0.550805	Y
4	IC 200-217752/8	4.943885	3.436126	10.0	1129033.0	0.695025	Y
5	ICIS 200-217752/10	11.64774	8.781751	10.0	1230019.0	0.753945	Y
6	IC 200-217752/12	17.479144	12.978251	10.0	1243861.0	0.742499	Y
7	IC 200-217752/14	23.29548	18.158038	10.0	1233402.0	0.779466	Y
8	IC 200-217752/15	46.590959	31.272227	10.0	1190165.0	0.671208	Y



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Lab Sample ID: ICV 200-216098/19 Calibration Date: 05/13/2025 05:35

Instrument ID: CHAM.i Calib Start Date: 05/12/2025 16:47

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 05/13/2025 01:19

Lab File ID: 65111_019.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	0.5982	0.6127		10.2	10.0	2.4	30.0
Dichlorodifluoromethane	Ave	2.588	2.667		10.3	10.0	3.1	30.0
Chlorodifluoromethane	Ave	1.394	1.412		10.1	10.0	1.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.743	2.782		10.1	10.0	1.4	30.0
Chloromethane	Ave	0.7670	0.7606		9.91	10.0	-0.8	30.0
n-Butane	Ave	1.673	1.579		9.44	10.0	-5.6	30.0
Vinyl chloride	Ave	1.230	1.188		9.65	10.0	-3.5	30.0
1,3-Butadiene	Ave	0.9861	0.8855		8.98	10.0	-10.2	30.0
Bromomethane	Ave	1.025	1.031		10.1	10.0	0.6	30.0
Chloroethane	Ave	0.5455	0.5502		10.1	10.0	0.9	30.0
Isopentane	Ave	1.041	1.026		9.86	10.0	-1.4	30.0
Bromoethene(Vinyl Bromide)	Ave	1.017	1.062		10.4	10.0	4.4	30.0
Trichlorofluoromethane	Ave	2.751	2.788		10.1	10.0	1.3	30.0
n-Pentane	Ave	1.623	1.579		9.73	10.0	-2.7	30.0
Ethanol	Ave	0.4549	0.4629		15.3	15.0	1.7	30.0
Ethyl ether	Ave	0.7343	0.7296		9.93	10.0	-0.6	30.0
Acrolein	Ave	0.3827	0.4238		11.1	10.0	10.7	30.0
1,1-Dichloroethene	Ave	1.147	1.131		9.85	10.0	-1.4	30.0
Freon TF	Ave	2.492	2.407		9.66	10.0	-3.4	30.0
Acetone	Ave	1.554	1.525		9.81	10.0	-1.9	30.0
Isopropyl alcohol	Ave	1.604	1.664		10.4	10.0	3.7	30.0
Carbon disulfide	Ave	3.401	3.304		9.71	10.0	-2.9	30.0
Acetonitrile	Ave	0.7878	0.6559		8.33	10.0	-16.7	30.0
3-Chloropropene	Ave	1.352	1.158		8.56	10.0	-14.4	30.0
Methylene Chloride	Ave	1.322	1.246		9.42	10.0	-5.8	30.0
tert-Butyl alcohol	Ave	2.257	2.196		9.73	10.0	-2.7	30.0
Acrylonitrile	Ave	0.8176	0.7641		9.34	10.0	-6.5	30.0
Methyl tert-butyl ether	Ave	3.248	3.296		10.1	10.0	1.5	30.0
trans-1,2-Dichloroethene	Ave	1.715	1.720		10.0	10.0	0.3	30.0
n-Hexane	Ave	1.793	1.761		9.82	10.0	-1.8	30.0
1,1-Dichloroethane	Ave	2.182	2.104		9.64	10.0	-3.6	30.0
Vinyl acetate	Ave	2.441	2.752		11.3	10.0	12.7	30.0
Methyl Ethyl Ketone	Ave	0.5808	0.5705		9.82	10.0	-1.8	30.0
cis-1,2-Dichloroethene	Ave	1.323	1.256		9.49	10.0	-5.1	30.0
Ethyl acetate	Ave	0.1074	0.1084		10.1	10.0	1.0	30.0
Tetrahydrofuran	Ave	0.2567	0.2403		9.36	10.0	-6.4	30.0
Chloroform	Ave	2.572	2.529		9.83	10.0	-1.6	30.0
1,1,1-Trichloroethane	Ave	0.5170	0.5138		9.94	10.0	-0.6	30.0
Cyclohexane	Ave	0.3273	0.3278		10.0	10.0	0.2	30.0
Carbon tetrachloride	Ave	0.5063	0.5242		10.4	10.0	3.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Lab Sample ID: ICV 200-216098/19 Calibration Date: 05/13/2025 05:35

Instrument ID: CHAM.i Calib Start Date: 05/12/2025 16:47

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 05/13/2025 01:19

Lab File ID: 65111_019.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.7773	0.7682		9.88	10.0	-1.2	30.0
1,2-Dichloroethane	Ave	0.3361	0.3277		9.75	10.0	-2.5	30.0
2,2,4-Trimethylpentane	Ave	1.185	1.182		9.98	10.0	-0.2	30.0
n-Heptane	Ave	0.4127	0.4134		10.0	10.0	0.2	30.0
n-Butanol	Ave	0.1694	0.1456		8.60	10.0	-14.0	30.0
Trichloroethene	Ave	0.3436	0.3456		10.1	10.0	0.6	30.0
1,2-Dichloropropane	Ave	0.2947	0.2900		9.84	10.0	-1.6	30.0
Methyl methacrylate	Ave	0.2669	0.2693		10.1	10.0	0.9	30.0
1,4-Dioxane	Ave	0.1472	0.1471		9.99	10.0	-0.0	30.0
Dibromomethane	Ave	0.2914	0.2961		10.2	10.0	1.6	30.0
Bromodichloromethane	Ave	0.5712	0.5658		9.90	10.0	-0.9	30.0
cis-1,3-Dichloropropene	Ave	0.4859	0.4892		10.1	10.0	0.7	30.0
Methyl isobutyl ketone	Ave	0.5282	0.5287		10.0	10.0	0.1	30.0
Toluene	Ave	0.5734	0.5833		10.2	10.0	1.7	30.0
n-Octane	Ave	0.5777	0.5740		9.93	10.0	-0.6	30.0
trans-1,3-Dichloropropene	Ave	0.3859	0.4234		11.0	10.0	9.7	30.0
1,1,2-Trichloroethane	Ave	0.3044	0.3066		10.1	10.0	0.7	30.0
Tetrachloroethene	Ave	0.4384	0.4448		10.1	10.0	1.5	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.5028	0.5074		10.1	10.0	0.9	30.0
Dibromochloromethane	Ave	0.5864	0.5748		9.80	10.0	-2.0	30.0
1,2-Dibromoethane	Ave	0.5305	0.5385		10.1	10.0	1.5	30.0
Chlorobenzene	Ave	0.7760	0.7749		9.98	10.0	-0.1	30.0
Ethylbenzene	Ave	1.270	1.287		10.1	10.0	1.3	30.0
m,p-Xylene	Ave	0.4750	0.4865		20.5	20.0	2.4	30.0
n-Nonane	Ave	0.6235	0.6303		10.1	10.0	1.1	30.0
o-Xylene	Ave	0.4511	0.4692		10.4	10.0	4.0	30.0
Styrene	Ave	0.7132	0.7588		10.6	10.0	6.4	30.0
Bromoform	Ave	0.5340	0.4994		9.35	10.0	-6.5	30.0
Cumene	Ave	1.343	1.403		10.5	10.0	4.5	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7809	0.7880		10.1	10.0	0.9	30.0
1,2,3-Trichloropropane	Ave	0.6073	0.6022		9.91	10.0	-0.8	30.0
n-Propylbenzene	Ave	1.667	1.728		10.4	10.0	3.7	30.0
2-Chlorotoluene	Ave	1.082	1.094		10.1	10.0	1.1	30.0
4-Ethyltoluene	Ave	1.312	1.385		10.6	10.0	5.5	30.0
1,3,5-Trimethylbenzene	Ave	1.115	1.160		10.4	10.0	4.1	30.0
n-Decane	Ave	0.7762	0.7797		10.0	10.0	0.5	30.0
Alpha Methyl Styrene	Ave	0.5394	0.5659		10.5	10.0	4.9	30.0
tert-Butylbenzene	Ave	1.054	1.094		10.4	10.0	3.8	30.0
1,2,4-Trimethylbenzene	Ave	1.114	1.148		10.3	10.0	3.0	30.0
sec-Butylbenzene	Ave	1.640	1.716		10.5	10.0	4.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Lab Sample ID: ICV 200-216098/19 Calibration Date: 05/13/2025 05:35

Instrument ID: CHAM.i Calib Start Date: 05/12/2025 16:47

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 05/13/2025 01:19

Lab File ID: 65111_019.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	0.7393	0.7452		10.1	10.0	0.8	30.0
4-Isopropyltoluene	Ave	1.321	1.358		10.3	10.0	2.8	30.0
1,4-Dichlorobenzene	Ave	0.7326	0.7462		10.2	10.0	1.9	30.0
Benzyl chloride	Ave	0.9580	0.9857		10.3	10.0	2.9	30.0
n-Butylbenzene	Ave	1.289	1.318		10.2	10.0	2.3	30.0
1,2-Dichlorobenzene	Ave	0.7117	0.7051		9.91	10.0	-0.9	30.0
n-Undecane	Ave	0.7943	0.6886		8.67	10.0	-13.3	30.0
n-Dodecane	Ave	0.6920	0.4558		6.59	10.0	-34.1*	30.0
1,2,4-Trichlorobenzene	Ave	0.4052	0.3657		9.02	10.0	-9.8	30.0
Hexachlorobutadiene	Ave	0.3984	0.4177		10.5	10.0	4.8	30.0
Naphthalene	Ave	0.8448	0.6005		7.11	10.0	-28.9	30.0
1,2,3-Trichlorobenzene	Ave	0.3718	0.2852		7.67	10.0	-23.3	30.0

Report Date: 13-May-2025 06:44:03 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_019.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 13-May-2025 05:35:47 ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065121-019
Operator ID: vtp Instrument ID: CHAM.i
Sublist:

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 13-May-2025 06:43:59 Calib Date: 13-May-2025 01:19:20
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_014.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1714

First Level Reviewer: BKZ7 Date: 13-May-2025 06:42:56

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	4.267	4.267	0.000	98	213345	10.0	10.2	
2 Dichlorodifluoromethane	85	4.369	4.369	0.000	99	928619	10.0	10.3	
3 Chlorodifluoromethane	51	4.417	4.417	0.000	97	491521	10.0	10.1	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.743	4.743	0.000	97	968545	10.0	10.1	
5 Chloromethane	50	4.866	4.867	0.000	99	264839	10.0	9.91	
11 BFB									
7 Butane	43	5.177	5.171	0.006	98	549938	10.0	9.44	
6 Vinyl chloride	62	5.177	5.177	0.000	83	413542	10.0	9.65	
8 Butadiene	54	5.289	5.289	0.000	91	308343	10.0	8.98	
9 Bromomethane	94	6.043	6.038	0.005	99	359134	10.0	10.1	
10 Chloroethane	64	6.322	6.322	0.000	99	191586	10.0	10.1	
12 2-Methylbutane	43	6.530	6.530	0.000	90	357349	10.0	9.86	
13 Vinyl bromide	106	6.750	6.750	0.000	98	369751	10.0	10.4	
14 Trichlorofluoromethane	101	6.915	6.915	0.000	99	970867	10.0	10.1	
15 Pentane	43	7.124	7.119	0.005	95	549730	10.0	9.73	
16 Ethanol	45	7.311	7.311	0.000	98	241870	15.0	15.3	
18 Ethyl ether	59	7.541	7.541	0.000	91	254049	10.0	9.93	
19 Acrolein	56	7.804	7.804	0.000	96	147554	10.0	11.1	
20 1,1-Dichloroethene	96	8.001	8.001	0.000	97	393730	10.0	9.85	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.039	8.039	0.000	95	838154	10.0	9.66	
22 Acetone	43	8.087	8.087	0.000	97	530889	10.0	9.81	
23 Isopropyl alcohol	45	8.387	8.387	0.000	100	579466	10.0	10.4	
24 Carbon disulfide	76	8.408	8.408	0.000	99	1150476	10.0	9.71	
25 Acetonitrile	41	8.617	8.617	0.000	99	228399	10.0	8.33	
26 3-Chloro-1-propene	41	8.713	8.713	0.000	97	403273	10.0	8.56	
27 Methylene Chloride	49	8.954	8.954	0.000	92	433869	10.0	9.42	
28 2-Methyl-2-propanol	59	9.162	9.162	0.000	100	764576	10.0	9.73	
29 Acrylonitrile	53	9.371	9.371	0.000	94	266053	10.0	9.34	
31 Methyl tert-butyl ether	73	9.446	9.446	0.000	97	1147779	10.0	10.1	
30 trans-1,2-Dichloroethene	61	9.451	9.451	0.000	97	599017	10.0	10.0	
32 Hexane	57	9.965	9.965	0.000	92	613175	10.0	9.82	

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	19.5	
33 1,1-Dichloroethane	63	10.238	10.238	0.000	100	732513	10.0	9.64	
34 Vinyl acetate	43	10.243	10.243	0.000	100	958161	10.0	11.3	
36 2-Butanone (MEK)	72	11.222	11.222	0.000	99	198664	10.0	9.82	
37 cis-1,2-Dichloroethene	96	11.254	11.254	0.000	93	437486	10.0	9.49	
38 Ethyl acetate	88	11.297	11.302	-0.005	99	37759	10.0	10.1	
* 39 Chlorobromomethane	128	11.671	11.671	0.000	90	348269	10.0	10.0	
40 Tetrahydrofuran	42	11.698	11.698	0.000	90	406100	10.0	9.36	
41 Chloroform	83	11.848	11.848	0.000	96	880665	10.0	9.83	
42 1,1,1-Trichloroethane	97	12.148	12.148	0.000	98	868315	10.0	9.94	
43 Cyclohexane	84	12.276	12.281	-0.005	98	554053	10.0	10.0	
44 Carbon tetrachloride	117	12.426	12.426	0.000	98	885870	10.0	10.4	
45 Benzene	78	12.779	12.779	0.000	96	1298264	10.0	9.88	
46 1,2-Dichloroethane	62	12.864	12.864	0.000	93	553839	10.0	9.75	
47 Isooctane	57	12.987	12.987	0.000	99	1998114	10.0	9.98	
48 n-Heptane	43	13.298	13.298	0.000	91	698669	10.0	10.0	
* 49 1,4-Difluorobenzene	114	13.522	13.522	0.000	95	1690407	10.0	10.0	
50 n-Butanol	56	13.763	13.763	0.000	87	246128	10.0	8.60	
51 Trichloroethene	95	13.956	13.956	0.000	97	584165	10.0	10.1	
A 52 GRO	1	14.255	(6.520-21.990)		0	182694746	649.9	0	
53 1,2-Dichloropropane	63	14.421	14.421	0.000	92	490129	10.0	9.84	
54 Methyl methacrylate	69	14.501	14.501	0.000	99	455067	10.0	10.1	
55 1,4-Dioxane	88	14.544	14.550	-0.006	93	248584	10.0	10.0	
57 Dibromomethane	174	14.582	14.582	0.000	95	500477	10.0	10.2	
58 Dichlorobromomethane	83	14.897	14.897	0.000	98	956249	10.0	9.90	
A 60 TVOC as Toluene	1	15.630	(4.257-27.003)		0	265952435	899.8	0	
59 cis-1,3-Dichloropropene	75	15.700	15.700	0.000	92	826732	10.0	10.1	
61 4-Methyl-2-pentanone (MIBK)	43	15.962	15.962	0.000	96	893525	10.0	10.0	
62 Toluene	92	16.336	16.336	0.000	94	919702	10.0	10.2	
A 63 Toluene Range	1	16.344	(16.267-16.422)		0	3668473	NC	NC	
64 n-Octane	43	16.572	16.572	0.000	91	970077	10.0	9.93	
A 65 C8 Range	1	16.577	(16.492-16.663)		0	3891315	NC	NC	
66 trans-1,3-Dichloropropene	75	16.759	16.764	-0.005	96	715548	10.0	11.0	
67 1,1,2-Trichloroethane	83	17.139	17.139	0.000	97	483436	10.0	10.1	
68 Tetrachloroethene	166	17.326	17.326	0.000	95	701346	10.0	10.1	
69 2-Hexanone	43	17.545	17.545	0.000	96	799971	10.0	10.1	
70 Chlorodibromomethane	129	17.877	17.883	-0.005	98	906198	10.0	9.80	
71 Ethylene Dibromide	107	18.118	18.118	0.000	99	849040	10.0	10.1	
* 73 Chlorobenzene-d5	117	19.027	19.027	0.000	87	1576934	10.0	10.0	
74 Chlorobenzene	112	19.086	19.086	0.000	94	1221730	10.0	9.98	
75 Ethylbenzene	91	19.273	19.273	0.000	98	2029203	10.0	10.1	
76 m-Xylene & p-Xylene	106	19.536	19.536	0.000	0	1533988	20.0	20.5	
77 n-Nonane	57	19.584	19.584	0.000	88	993788	10.0	10.1	
S 80 Xylenes, Total	106				0		30.0	30.9	
78 o-Xylene	106	20.306	20.306	0.000	99	739698	10.0	10.4	
79 Styrene	104	20.338	20.338	0.000	99	1196352	10.0	10.6	
81 Bromoform	173	20.680	20.680	0.000	95	787333	10.0	9.35	
82 Isopropylbenzene	105	20.975	20.975	0.000	98	2212386	10.0	10.5	
83 1,1,2,2-Tetrachloroethane	83	21.499	21.494	0.005	98	1242431	10.0	10.1	
84 1,2,3-Trichloropropane	75	21.590	21.590	0.000	99	949509	10.0	9.91	
85 N-Propylbenzene	91	21.675	21.676	-0.001	99	2724974	10.0	10.4	
86 2-Chlorotoluene	91	21.825	21.825	0.000	96	1724904	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	21.868	21.868	0.000	99	2183679	10.0	10.6	
88 1,3,5-Trimethylbenzene	105	21.959	21.959	0.000	92	1829564	10.0	10.4	
89 n-Decane	57	21.980	21.980	0.000	92	1229369	10.0	10.0	
90 Alpha Methyl Styrene	118	22.285	22.285	0.000	87	892240	10.0	10.5	
91 tert-Butylbenzene	119	22.435	22.435	0.000	95	1724946	10.0	10.4	
92 1,2,4-Trimethylbenzene	105	22.521	22.521	0.000	98	1809357	10.0	10.3	
93 sec-Butylbenzene	105	22.756	22.756	0.000	99	2704781	10.0	10.5	
94 1,3-Dichlorobenzene	146	22.933	22.933	0.000	99	1174856	10.0	10.1	
95 4-Isopropyltoluene	119	22.965	22.965	0.000	97	2141125	10.0	10.3	
96 1,4-Dichlorobenzene	146	23.072	23.072	0.000	94	1176498	10.0	10.2	
97 Benzyl chloride	91	23.222	23.222	0.000	98	1554010	10.0	10.3	
98 n-Butylbenzene	91	23.527	23.527	-0.001	98	2077497	10.0	10.2	
99 1,2-Dichlorobenzene	146	23.575	23.575	0.000	95	1111680	10.0	9.91	
100 Undecane	57	23.666	23.666	0.000	94	1085694	10.0	8.67	
101 Dodecane	57	25.287	25.287	0.000	98	718621	10.0	6.59	
102 1,2,4-Trichlorobenzene	180	26.068	26.068	0.000	94	576512	10.0	9.02	
103 Hexachlorobutadiene	225	26.314	26.314	0.000	97	658522	10.0	10.5	
104 Naphthalene	128	26.565	26.565	0.000	99	946746	10.0	7.11	
105 1,2,3-Trichlorobenzene	180	26.993	26.993	0.000	95	449724	10.0	7.67	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15LCSW_00884	Amount Added: 200.00	Units: mL	
ATTO15AMISs_00004	Amount Added: 20.00	Units: mL	Run Reagent

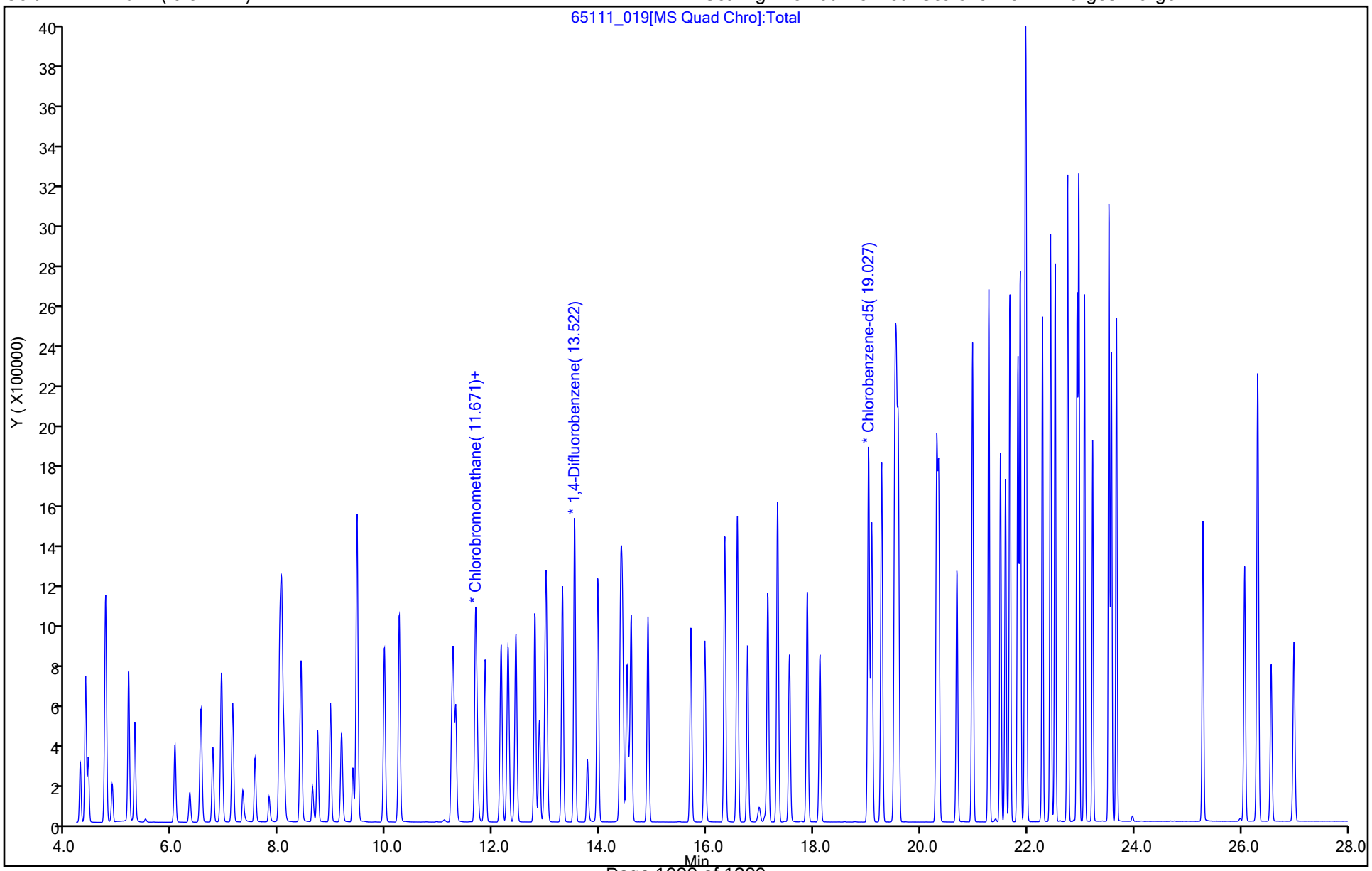
Report Date: 13-May-2025 06:44:03 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_019.D

Injection Date:	13-May-2025 05:35:47	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	ICV			Worklist Smp#:	19
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	TO15_TO3_Master_Method_AM1	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.: 200-78438-1

SDG No.:

Lab Sample ID: CCVIS 200-217811/3 Calibration Date: 06/25/2025 08:59

Instrument ID: CHAM.i Calib Start Date: 05/12/2025 16:47

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 05/13/2025 01:19

Lab File ID: 65727_003.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	0.5982	0.7018		11.7	10.0	17.3	30.0
Dichlorodifluoromethane	Ave	2.588	2.700		10.4	10.0	4.3	30.0
Chlorodifluoromethane	Ave	1.394	1.569		11.3	10.0	12.6	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.743	2.931		10.7	10.0	6.9	30.0
Chloromethane	Ave	0.7670	0.9096		11.9	10.0	18.6	30.0
n-Butane	Ave	1.673	1.958		11.7	10.0	17.1	30.0
Vinyl chloride	Ave	1.230	1.378		11.2	10.0	12.0	30.0
1,3-Butadiene	Ave	0.9861	1.047		10.6	10.0	6.2	30.0
Bromomethane	Ave	1.025	1.055		10.3	10.0	2.9	30.0
Chloroethane	Ave	0.5455	0.6127		11.2	10.0	12.3	30.0
Isopentane	Ave	1.041	1.227		11.8	10.0	17.9	30.0
Bromoethene(Vinyl Bromide)	Ave	1.017	1.035		10.2	10.0	1.8	30.0
Trichlorofluoromethane	Ave	2.751	2.697		9.80	10.0	-2.0	30.0
n-Pentane	Ave	1.623	1.879		11.6	10.0	15.8	30.0
Ethanol	Ave	0.4549	0.5538		18.3	15.0	21.7	30.0
Ethyl ether	Ave	0.7343	0.8064		11.0	10.0	9.8	30.0
Acrolein	Ave	0.3827	0.4242		13.0	11.7	10.9	30.0
1,1-Dichloroethene	Ave	1.147	1.112		9.69	10.0	-3.1	30.0
Freon TF	Ave	2.492	2.349		9.42	10.0	-5.7	30.0
Acetone	Ave	1.554	1.752		11.3	10.0	12.7	30.0
Isopropyl alcohol	Ave	1.604	1.687		12.2	11.6	5.2	30.0
Carbon disulfide	Ave	3.401	3.447		10.1	10.0	1.3	30.0
Acetonitrile	Ave	0.7878	0.8310		10.5	10.0	5.5	30.0
3-Chloropropene	Ave	1.352	1.587		11.7	10.0	17.3	30.0
Methylene Chloride	Ave	1.322	1.461		11.0	10.0	10.5	30.0
tert-Butyl alcohol	Ave	2.257	2.374		10.5	10.0	5.2	30.0
Acrylonitrile	Ave	0.8176	0.9248		11.3	10.0	13.1	30.0
Methyl tert-butyl ether	Ave	3.248	3.354		10.3	10.0	3.3	30.0
trans-1,2-Dichloroethene	Ave	1.715	1.891		11.0	10.0	10.3	30.0
n-Hexane	Ave	1.793	1.944		10.8	10.0	8.4	30.0
1,1-Dichloroethane	Ave	2.182	2.293		10.5	10.0	5.1	30.0
Vinyl acetate	Ave	2.441	2.812		13.1	11.4	15.2	30.0
Methyl Ethyl Ketone	Ave	0.5808	0.5997		10.3	10.0	3.3	30.0
cis-1,2-Dichloroethene	Ave	1.323	1.234		9.32	10.0	-6.8	30.0
Ethyl acetate	Ave	0.1074	0.1065		9.91	10.0	-0.9	30.0
Tetrahydrofuran	Ave	0.2567	0.2884		11.2	10.0	12.3	30.0
Chloroform	Ave	2.572	2.570		9.99	10.0	-0.0	30.0
1,1,1-Trichloroethane	Ave	0.5170	0.4974		9.62	10.0	-3.8	30.0
Cyclohexane	Ave	0.3273	0.3231		9.87	10.0	-1.3	30.0
Carbon tetrachloride	Ave	0.5063	0.4909		9.69	10.0	-3.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Lab Sample ID: CCVIS 200-217811/3 Calibration Date: 06/25/2025 08:59

Instrument ID: CHAM.i Calib Start Date: 05/12/2025 16:47

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 05/13/2025 01:19

Lab File ID: 65727_003.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.7773	0.7847		10.1	10.0	1.0	30.0
1,2-Dichloroethane	Ave	0.3361	0.3512		10.4	10.0	4.5	30.0
2,2,4-Trimethylpentane	Ave	1.185	1.308		11.0	10.0	10.4	30.0
n-Heptane	Ave	0.4127	0.4846		11.7	10.0	17.4	30.0
n-Butanol	Ave	0.1694	0.1689		9.97	10.0	-0.3	30.0
Trichloroethene	Ave	0.3436	0.3360		9.78	10.0	-2.2	30.0
1,2-Dichloropropane	Ave	0.2947	0.3193		10.8	10.0	8.3	30.0
Methyl methacrylate	Ave	0.2669	0.2804		10.5	10.0	5.1	30.0
1,4-Dioxane	Ave	0.1472	0.1455		9.88	10.0	-1.2	30.0
Dibromomethane	Ave	0.2914	0.2542		8.72	10.0	-12.8	30.0
Bromodichloromethane	Ave	0.5712	0.5798		10.1	10.0	1.5	30.0
cis-1,3-Dichloropropene	Ave	0.4859	0.5005		10.3	10.0	3.0	30.0
Methyl isobutyl ketone	Ave	0.5282	0.6262		11.9	10.0	18.6	30.0
Toluene	Ave	0.5734	0.5629		9.82	10.0	-1.8	30.0
n-Octane	Ave	0.5777	0.6783		11.7	10.0	17.4	30.0
trans-1,3-Dichloropropene	Ave	0.3859	0.4390		11.4	10.0	13.8	30.0
1,1,2-Trichloroethane	Ave	0.3044	0.3145		10.3	10.0	3.3	30.0
Tetrachloroethene	Ave	0.4384	0.3934		8.97	10.0	-10.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.5028	0.6045		12.0	10.0	20.2	30.0
Dibromochloromethane	Ave	0.5864	0.5532		9.43	10.0	-5.7	30.0
1,2-Dibromoethane	Ave	0.5305	0.5194		9.79	10.0	-2.1	30.0
Chlorobenzene	Ave	0.7760	0.7358		9.48	10.0	-5.2	30.0
Ethylbenzene	Ave	1.270	1.267		9.97	10.0	-0.2	30.0
m,p-Xylene	Ave	0.4750	0.4642		19.5	20.0	-2.3	30.0
n-Nonane	Ave	0.6235	0.7002		11.2	10.0	12.3	30.0
o-Xylene	Ave	0.4511	0.4431		9.82	10.0	-1.8	30.0
Styrene	Ave	0.7132	0.7282		10.2	10.0	2.1	30.0
Bromoform	Ave	0.5340	0.4946		9.26	10.0	-7.4	30.0
Cumene	Ave	1.343	1.341		9.99	10.0	-0.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7809	0.8266		10.6	10.0	5.9	30.0
1,2,3-Trichloropropane	Ave	0.6073	0.6420		10.6	10.0	5.7	30.0
n-Propylbenzene	Ave	1.667	1.736		10.4	10.0	4.1	30.0
2-Chlorotoluene	Ave	1.082	1.112		10.3	10.0	2.8	30.0
4-Ethyltoluene	Ave	1.312	1.350		10.3	10.0	2.9	30.0
1,3,5-Trimethylbenzene	Ave	1.115	1.120		10.0	10.0	0.5	30.0
n-Decane	Ave	0.7762	0.8713		11.2	10.0	12.3	30.0
Alpha Methyl Styrene	Ave	0.5394	0.5299		9.82	10.0	-1.8	30.0
tert-Butylbenzene	Ave	1.054	1.022		9.70	10.0	-3.0	30.0
1,2,4-Trimethylbenzene	Ave	1.114	1.125		10.1	10.0	0.9	30.0
sec-Butylbenzene	Ave	1.640	1.669		10.2	10.0	1.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Lab Sample ID: CCVIS 200-217811/3 Calibration Date: 06/25/2025 08:59

Instrument ID: CHAM.i Calib Start Date: 05/12/2025 16:47

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 05/13/2025 01:19

Lab File ID: 65727_003.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	0.7393	0.6982		9.44	10.0	-5.6	30.0
4-Isopropyltoluene	Ave	1.321	1.282		9.70	10.0	-3.0	30.0
1,4-Dichlorobenzene	Ave	0.7326	0.7033		9.60	10.0	-4.0	30.0
Benzyl chloride	Ave	0.9580	1.045		10.9	10.0	9.1	30.0
n-Butylbenzene	Ave	1.289	1.340		10.4	10.0	4.0	30.0
1,2-Dichlorobenzene	Ave	0.7117	0.6722		9.44	10.0	-5.5	30.0
n-Undecane	Ave	0.7943	0.7947		10.0	10.0	0.0	30.0
n-Dodecane	Ave	0.6920	0.6303		9.11	10.0	-8.9	30.0
1,2,4-Trichlorobenzene	Ave	0.4052	0.3494		10.1	11.7	-13.8	30.0
Hexachlorobutadiene	Ave	0.3984	0.3268		9.22	11.2	-18.0	30.0
Naphthalene	Ave	0.8448	0.8090		11.4	11.9	-4.2	30.0
1,2,3-Trichlorobenzene	Ave	0.3718	0.2764		8.66	11.6	-25.7	30.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\65727_003.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 25-Jun-2025 08:59:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065727-003
Operator ID: vtp Instrument ID: CHAM.i
Sublist: chrom-TO15_TO3_Master_Method_AM1*sub1

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jun-2025 09:35:56 Calib Date: 13-May-2025 01:19:20
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_014.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1704

First Level Reviewer: YWL8 Date: 26-Jun-2025 09:35:56

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	4.273	4.273	0.000	98	184078	10.0	11.7	
2 Dichlorodifluoromethane	85	4.369	4.369	0.000	100	708089	10.0	10.4	
3 Chlorodifluoromethane	51	4.417	4.417	0.000	97	411641	10.0	11.3	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.744	4.744	0.000	96	768772	10.0	10.7	
5 Chloromethane	50	4.867	4.867	0.000	99	238592	10.0	11.9	
11 BFB									
7 Butane	43	5.172	5.172	0.000	98	513566	10.0	11.7	
6 Vinyl chloride	62	5.172	5.172	0.000	79	361334	10.0	11.2	
8 Butadiene	54	5.289	5.289	0.000	92	274708	10.0	10.6	
9 Bromomethane	94	6.038	6.038	0.000	99	276718	10.0	10.3	
10 Chloroethane	64	6.317	6.317	0.000	100	160711	10.0	11.2	
12 2-Methylbutane	43	6.531	6.531	0.000	92	321892	10.0	11.8	
13 Vinyl bromide	106	6.750	6.750	0.000	99	271471	10.0	10.2	
14 Trichlorofluoromethane	101	6.910	6.910	0.000	98	707421	10.0	9.80	
15 Pentane	43	7.119	7.119	0.000	96	492793	10.0	11.6	
16 Ethanol	45	7.312	7.312	0.000	98	217985	15.0	18.3	
18 Ethyl ether	59	7.536	7.536	0.000	93	211515	10.0	11.0	
19 Acrolein	56	7.804	7.804	0.000	96	130286	11.7	13.0	
20 1,1-Dichloroethene	96	7.996	7.996	0.000	95	291748	10.0	9.69	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.034	8.034	0.000	93	616133	10.0	9.42	
22 Acetone	43	8.082	8.082	0.000	98	459545	10.0	11.3	
23 Isopropyl alcohol	45	8.382	8.382	0.000	100	512930	11.6	12.2	
24 Carbon disulfide	76	8.403	8.403	0.000	100	904227	10.0	10.1	
25 Acetonitrile	41	8.612	8.612	0.000	99	217958	10.0	10.5	
26 3-Chloro-1-propene	41	8.708	8.708	0.000	97	416218	10.0	11.7	
27 Methylene Chloride	49	8.949	8.949	0.000	96	383194	10.0	11.0	
28 2-Methyl-2-propanol	59	9.157	9.157	0.000	99	622795	10.0	10.5	
29 Acrylonitrile	53	9.371	9.371	0.000	94	242567	10.0	11.3	
31 Methyl tert-butyl ether	73	9.446	9.446	0.000	98	879767	10.0	10.3	
30 trans-1,2-Dichloroethene	61	9.452	9.452	0.000	97	496037	10.0	11.0	
32 Hexane	57	9.960	9.960	0.000	94	509922	10.0	10.8	

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		20.0	20.3	
33 1,1-Dichloroethane	63	10.233	10.233	0.000	100	601434	10.0	10.5	
34 Vinyl acetate	43	10.238	10.238	0.000	100	840153	11.4	13.1	
36 2-Butanone (MEK)	72	11.222	11.222	0.000	100	157293	10.0	10.3	
37 cis-1,2-Dichloroethene	96	11.249	11.249	0.000	97	323696	10.0	9.32	
38 Ethyl acetate	88	11.297	11.297	0.000	99	27926	10.0	9.91	
* 39 Chlorobromomethane	128	11.666	11.666	0.000	98	262349	10.0	10.0	
40 Tetrahydrofuran	42	11.698	11.698	0.000	93	370126	10.0	11.2	
41 Chloroform	83	11.848	11.848	0.000	96	674183	10.0	10.0	
42 1,1,1-Trichloroethane	97	12.148	12.148	0.000	98	638330	10.0	9.62	
43 Cyclohexane	84	12.276	12.276	0.000	98	414634	10.0	9.87	
44 Carbon tetrachloride	117	12.421	12.421	0.000	97	629988	10.0	9.69	
45 Benzene	78	12.779	12.779	0.000	97	1007002	10.0	10.1	
46 1,2-Dichloroethane	62	12.865	12.865	0.000	93	450669	10.0	10.4	
47 Isooctane	57	12.982	12.982	0.000	99	1678724	10.0	11.0	
48 n-Heptane	43	13.293	13.293	0.000	94	621877	10.0	11.7	
* 49 1,4-Difluorobenzene	114	13.523	13.523	0.000	96	1283575	10.0	10.0	
50 n-Butanol	56	13.758	13.758	0.000	89	216793	10.0	9.97	
51 Trichloroethene	95	13.956	13.956	0.000	93	431224	10.0	9.78	
A 52 GRO	1	14.253	(6.521-21.985)		0	145521561	649.9	0	
53 1,2-Dichloropropane	63	14.421	14.421	0.000	93	409725	10.0	10.8	
54 Methyl methacrylate	69	14.502	14.502	0.000	96	359895	10.0	10.5	
55 1,4-Dioxane	88	14.544	14.544	0.000	98	186696	10.0	9.88	
57 Dibromomethane	174	14.582	14.582	0.000	90	326196	10.0	8.72	
58 Dichlorobromomethane	83	14.898	14.898	0.000	99	744033	10.0	10.1	
A 60 TVOC as Toluene	1	15.633	(4.263-27.003)		0	212241356	899.8	0	
59 cis-1,3-Dichloropropene	75	15.700	15.700	0.000	94	642321	10.0	10.3	
61 4-Methyl-2-pentanone (MIBK)	43	15.957	15.957	0.000	97	803678	10.0	11.9	
62 Toluene	92	16.331	16.331	0.000	93	674192	10.0	9.82	
A 63 Toluene Range	1	16.342	(16.262-16.422)		0	2811092	NC	NC	
64 n-Octane	43	16.567	16.567	0.000	94	870416	10.0	11.7	
A 65 C8 Range	1	16.577	(16.497-16.658)		0	3261338	NC	NC	
66 trans-1,3-Dichloropropene	75	16.759	16.759	0.000	97	563383	10.0	11.4	
67 1,1,2-Trichloroethane	83	17.139	17.139	0.000	97	376697	10.0	10.3	
68 Tetrachloroethene	166	17.321	17.321	0.000	93	471160	10.0	8.97	
69 2-Hexanone	43	17.540	17.540	0.000	95	724031	10.0	12.0	
70 Chlorodibromomethane	129	17.877	17.877	0.000	98	662621	10.0	9.43	
71 Ethylene Dibromide	107	18.113	18.113	0.000	98	622047	10.0	9.79	
* 73 Chlorobenzene-d5	117	19.028	19.028	0.000	89	1197972	10.0	10.0	
74 Chlorobenzene	112	19.081	19.081	0.000	91	881339	10.0	9.48	
75 Ethylbenzene	91	19.268	19.268	0.000	99	1517554	10.0	9.97	
76 m-Xylene & p-Xylene	106	19.530	19.530	0.000	0	1111908	20.0	19.5	
77 n-Nonane	57	19.579	19.579	0.000	91	838653	10.0	11.2	
S 80 Xylenes, Total	106				0		30.0	29.4	
78 o-Xylene	106	20.301	20.301	0.000	98	530747	10.0	9.82	
79 Styrene	104	20.338	20.338	0.000	100	872161	10.0	10.2	
81 Bromoform	173	20.681	20.681	0.000	92	592396	10.0	9.26	
82 Isopropylbenzene	105	20.970	20.970	0.000	99	1606620	10.0	9.99	
83 1,1,2,2-Tetrachloroethane	83	21.494	21.494	0.000	98	990099	10.0	10.6	
84 1,2,3-Trichloropropane	75	21.590	21.590	0.000	99	769005	10.0	10.6	
85 N-Propylbenzene	91	21.670	21.670	0.000	98	2079050	10.0	10.4	
86 2-Chlorotoluene	91	21.820	21.820	0.000	96	1332325	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
87 4-Ethyltoluene	105	21.863	21.863	0.000	98	1616987	10.0	10.3	
88 1,3,5-Trimethylbenzene	105	21.959	21.959	0.000	92	1342054	10.0	10.0	
89 n-Decane	57	21.975	21.975	0.000	91	1043603	10.0	11.2	
90 Alpha Methyl Styrene	118	22.286	22.286	0.000	85	634666	10.0	9.82	
91 tert-Butylbenzene	119	22.435	22.435	0.000	91	1224391	10.0	9.70	
92 1,2,4-Trimethylbenzene	105	22.521	22.521	0.000	98	1346916	10.0	10.1	
93 sec-Butylbenzene	105	22.751	22.751	0.000	99	1999110	10.0	10.2	
94 1,3-Dichlorobenzene	146	22.928	22.928	0.000	98	836282	10.0	9.44	
95 4-Isopropyltoluene	119	22.965	22.965	0.000	97	1535245	10.0	9.70	
96 1,4-Dichlorobenzene	146	23.067	23.067	0.000	91	842362	10.0	9.60	
97 Benzyl chloride	91	23.222	23.222	0.000	98	1252037	10.0	10.9	
98 n-Butylbenzene	91	23.527	23.527	0.000	98	1604528	10.0	10.4	
99 1,2-Dichlorobenzene	146	23.570	23.570	0.000	93	805113	10.0	9.44	
100 Undecane	57	23.666	23.666	0.000	96	951885	10.0	10.0	
101 Dodecane	57	25.287	25.287	0.000	97	754879	10.0	9.11	
102 1,2,4-Trichlorobenzene	180	26.063	26.063	0.000	93	490958	11.7	10.1	
103 Hexachlorobutadiene	225	26.309	26.309	0.000	94	440016	11.2	9.22	
104 Naphthalene	128	26.560	26.560	0.000	99	1152132	11.9	11.4	
105 1,2,3-Trichlorobenzene	180	26.993	26.993	0.000	94	385715	11.6	8.66	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

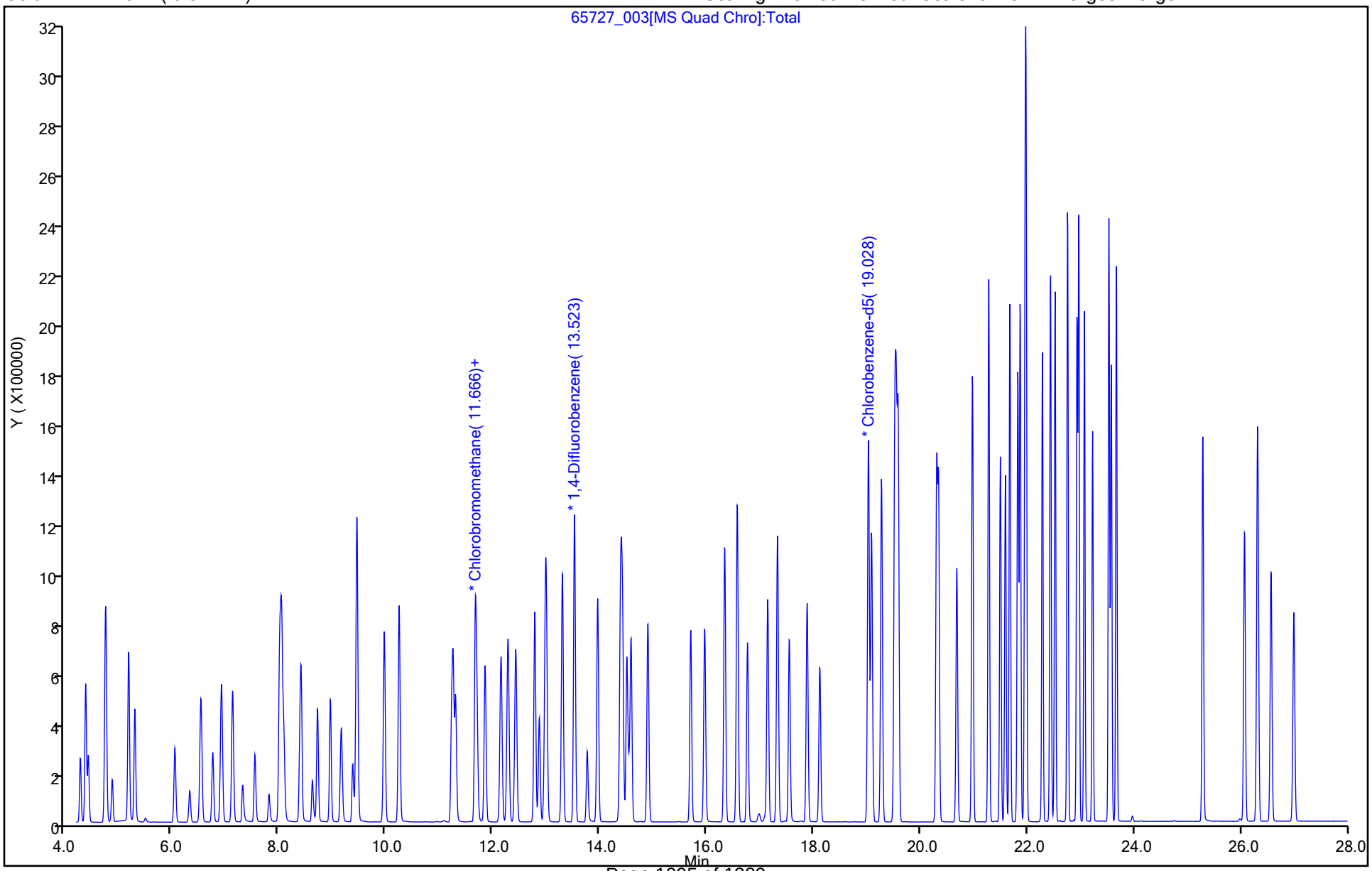
ATTO15CAL4w_00835	Amount Added: 200.00	Units: mL	
ATTO15AMISs_00004	Amount Added: 20.00	Units: mL	Run Reagent

Report Date: 26-Jun-2025 09:35:57 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\65727_003.D				
Injection Date:	25-Jun-2025 08:59:30	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_TO3_Master_Method_AM1	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.: 200-78438-1

SDG No.:

Lab Sample ID: ICV 200-217752/18 Calibration Date: 06/24/2025 05:03

Instrument ID: CHW.i Calib Start Date: 06/23/2025 16:41

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 06/24/2025 02:26

Lab File ID: 65696-18.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	0.8174	0.7968		9.75	10.0	-2.5	30.0
Dichlorodifluoromethane	Ave	2.768	2.625		9.48	10.0	-5.2	30.0
Chlorodifluoromethane	Ave	1.603	1.522		9.49	10.0	-5.1	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.116	2.828		9.07	10.0	-9.2	30.0
Chloromethane	Ave	0.9699	0.9201		9.48	10.0	-5.1	30.0
Vinyl chloride	Ave	0.9486	0.7864		8.29	10.0	-17.1	30.0
n-Butane	Ave	1.173	1.056		9.00	10.0	-10.0	30.0
1,3-Butadiene	Ave	0.6713	0.5611		8.36	10.0	-16.4	30.0
Bromomethane	Ave	1.180	1.079		9.14	10.0	-8.6	30.0
Chloroethane	Ave	0.6542	0.6119		9.35	10.0	-6.5	30.0
Isopentane	Ave	1.235	1.166		9.44	10.0	-5.6	30.0
Bromoethene(Vinyl Bromide)	Ave	1.146	1.083		9.45	10.0	-5.4	30.0
Trichlorofluoromethane	Ave	2.848	2.608		9.15	10.0	-8.4	30.0
n-Pentane	Ave	1.825	1.724		9.44	10.0	-5.5	30.0
Ethanol	Ave	0.5032	0.5061		15.1	15.0	0.6	30.0
Ethyl ether	Ave	0.7691	0.7546		9.81	10.0	-1.9	30.0
Acrolein	Ave	0.4046	0.4426		10.9	10.0	9.4	30.0
1,1-Dichloroethene	Ave	1.268	1.136		8.96	10.0	-10.4	30.0
1,1,2-Trichlorotrifluoroethane	Ave	2.673	2.343		8.77	10.0	-12.3	30.0
Acetone	Ave	1.481	1.339		9.04	10.0	-9.5	30.0
Isopropyl alcohol	Ave	1.547	1.528		9.88	10.0	-1.2	30.0
Carbon disulfide	Ave	3.592	3.246		9.04	10.0	-9.6	30.0
Acetonitrile	Ave	0.8269	0.6867		8.30	10.0	-17.0	30.0
3-Chloropropene	Ave	1.294	1.289		9.96	10.0	-0.4	30.0
Methylene Chloride	Ave	1.316	1.172		8.91	10.0	-10.9	30.0
tert-Butyl alcohol	Ave	2.113	1.934		9.15	10.0	-8.5	30.0
Acrylonitrile	Ave	0.7577	0.7493		9.89	10.0	-1.1	30.0
Methyl tert-butyl ether	Ave	3.095	3.109		10.0	10.0	0.5	30.0
trans-1,2-Dichloroethene	Ave	1.682	1.607		9.55	10.0	-4.5	30.0
n-Hexane	Ave	1.772	1.772		10.0	10.0	0.0	30.0
1,1-Dichloroethane	Ave	2.260	1.997		8.84	10.0	-11.6	30.0
Vinyl acetate	Ave	1.959	2.172		11.1	10.0	10.9	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.6032	0.5816		9.64	10.0	-3.6	30.0
cis-1,2-Dichloroethene	Ave	1.391	1.262		9.07	10.0	-9.3	30.0
Ethyl acetate	Ave	0.1226	0.1172		9.56	10.0	-4.4	30.0
Tetrahydrofuran	Ave	0.2420	0.2222		9.18	10.0	-8.2	30.0
Chloroform	Ave	2.542	2.310		9.08	10.0	-9.1	30.0
1,1,1-Trichloroethane	Ave	0.5003	0.4500		8.99	10.0	-10.1	30.0
Cyclohexane	Ave	0.3333	0.3283		9.85	10.0	-1.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Lab Sample ID: ICV 200-217752/18 Calibration Date: 06/24/2025 05:03

Instrument ID: CHW.i Calib Start Date: 06/23/2025 16:41

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 06/24/2025 02:26

Lab File ID: 65696-18.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
Carbon tetrachloride	Ave	0.5138	0.4777		9.29	10.0	-7.0	30.0
Benzene	Ave	0.7979	0.7326		9.18	10.0	-8.2	30.0
1,2-Dichloroethane	Ave	0.2909	0.2671		9.18	10.0	-8.2	30.0
2,2,4-Trimethylpentane	Ave	1.152	1.146		9.94	10.0	-0.6	30.0
n-Heptane	Ave	0.3824	0.3867		10.1	10.0	1.1	30.0
n-Butanol	Ave	0.1744	0.1439		8.25	10.0	-17.5	30.0
Trichloroethene	Ave	0.3743	0.3258		8.70	10.0	-13.0	30.0
1,2-Dichloropropane	Ave	0.2973	0.2733		9.19	10.0	-8.1	30.0
Methyl methacrylate	Ave	0.2701	0.2643		9.78	10.0	-2.2	30.0
1,4-Dioxane	Ave	0.1561	0.1442		9.23	10.0	-7.7	30.0
Dibromomethane	Ave	0.3719	0.3325		8.94	10.0	-10.6	30.0
Bromodichloromethane	Ave	0.5336	0.4921		9.22	10.0	-7.8	30.0
cis-1,3-Dichloropropene	Ave	0.4483	0.4380		9.77	10.0	-2.3	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.4733	0.4660		9.84	10.0	-1.5	30.0
Toluene	Ave	0.6033	0.6020		9.98	10.0	-0.2	30.0
n-Octane	Ave	0.5314	0.5488		10.3	10.0	3.3	30.0
trans-1,3-Dichloropropene	Ave	0.3603	0.3873		10.7	10.0	7.5	30.0
1,1,2-Trichloroethane	Ave	0.3137	0.2938		9.36	10.0	-6.4	30.0
Tetrachloroethene	Ave	0.5726	0.5297		9.25	10.0	-7.5	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4892	0.4906		10.0	10.0	0.3	30.0
Dibromochloromethane	Ave	0.6449	0.6077		9.42	10.0	-5.8	30.0
1,2-Dibromoethane	Ave	0.5623	0.5364		9.54	10.0	-4.6	30.0
Chlorobenzene	Ave	0.9225	0.8523		9.24	10.0	-7.6	30.0
Ethylbenzene	Ave	1.355	1.329		9.81	10.0	-1.9	30.0
m,p-Xylene	Ave	0.5353	0.5361		20.0	20.0	0.1	30.0
n-Nonane	Ave	0.6378	0.6554		10.3	10.0	2.8	30.0
o-Xylene	Ave	0.4927	0.5061		10.3	10.0	2.7	30.0
Styrene	Ave	0.8231	0.8566		10.4	10.0	4.1	30.0
Bromoform	Ave	0.6687	0.6449		9.64	10.0	-3.6	30.0
Cumene	Ave	1.477	1.519		10.3	10.0	2.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8434	0.7819		9.27	10.0	-7.3	30.0
1,2,3-Trichloropropane	Ave	0.6646	0.6075		9.14	10.0	-8.6	30.0
n-Propylbenzene	Ave	1.862	1.844		9.91	10.0	-0.9	30.0
2-Chlorotoluene	Ave	1.310	1.272		9.71	10.0	-2.9	30.0
4-Ethyltoluene	Ave	1.530	1.561		10.2	10.0	2.1	30.0
1,3,5-Trimethylbenzene	Ave	1.292	1.296		10.0	10.0	0.3	30.0
n-Decane	Ave	0.8794	0.8723		9.92	10.0	-0.8	30.0
Alpha Methyl Styrene	Ave	0.6639	0.6766		10.2	10.0	1.9	30.0
tert-Butylbenzene	Ave	1.282	1.281		9.99	10.0	-0.0	30.0
1,2,4-Trimethylbenzene	Ave	1.280	1.306		10.2	10.0	2.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Lab Sample ID: ICV 200-217752/18 Calibration Date: 06/24/2025 05:03

Instrument ID: CHW.i Calib Start Date: 06/23/2025 16:41

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 06/24/2025 02:26

Lab File ID: 65696-18.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
sec-Butylbenzene	Ave	1.922	1.949		10.1	10.0	1.4	30.0
1,3-Dichlorobenzene	Ave	1.005	0.9511		9.46	10.0	-5.3	30.0
4-Isopropyltoluene	Ave	1.640	1.661		10.1	10.0	1.3	30.0
1,4-Dichlorobenzene	Ave	0.995	0.9605		9.65	10.0	-3.5	30.0
Benzyl chloride	Ave	1.119	1.135		10.1	10.0	1.4	30.0
n-Butylbenzene	Ave	1.480	1.524		10.3	10.0	3.0	30.0
1,2-Dichlorobenzene	Ave	0.9641	0.9160		9.50	10.0	-5.0	30.0
n-Undecane	Ave	1.057	0.9454		8.94	10.0	-10.6	30.0
n-Dodecane	Ave	0.9949	0.7577		7.61	10.0	-23.8	30.0
1,2,4-Trichlorobenzene	Ave	0.7049	0.8346		11.8	10.0	18.4	30.0
Hexachlorobutadiene	Ave	0.7805	0.8296		10.6	10.0	6.3	30.0
Naphthalene	Ave	1.347	1.682		12.5	10.0	24.9	30.0
1,2,3-Trichlorobenzene	Ave	0.6988	0.7190		10.3	10.0	2.9	30.0

Report Date: 24-Jun-2025 08:23:22 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-18.d
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 24-Jun-2025 05:03:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065696-018
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 24-Jun-2025 08:23:14 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: BKZ7 Date: 24-Jun-2025 06:58:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.110	4.104	0.006	96	212583	10.0	9.75	
2 Dichlorodifluoromethane	85	4.201	4.195	0.006	99	700223	10.0	9.48	
3 Chlorodifluoromethane	51	4.238	4.233	0.005	97	405960	10.0	9.49	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.538	4.538	0.000	98	754487	10.0	9.07	
5 Chloromethane	50	4.655	4.650	0.005	99	245459	10.0	9.48	
6 Vinyl chloride	62	4.949	4.944	0.005	100	209795	10.0	8.29	
7 Butane	43	4.955	4.949	0.006	97	281673	10.0	9.00	
8 Butadiene	54	5.062	5.056	0.006	92	149702	10.0	8.36	
9 Bromomethane	94	5.811	5.800	0.011	99	287792	10.0	9.14	
11 BFB									
10 Chloroethane	64	6.100	6.089	0.011	99	163250	10.0	9.35	
12 2-Methylbutane	43	6.335	6.330	0.005	93	311078	10.0	9.44	
13 Vinyl bromide	106	6.570	6.565	0.005	99	289023	10.0	9.45	
14 Trichlorofluoromethane	101	6.752	6.752	0.000	98	695800	10.0	9.15	
15 Pentane	43	6.988	6.982	0.006	96	459969	10.0	9.44	
16 Ethanol	45	7.170	7.175	-0.005	98	202617	15.0	15.1	
18 Ethyl ether	59	7.459	7.464	-0.006	90	201309	10.0	9.81	
19 Acrolein	56	7.742	7.742	0.000	95	118066	10.0	10.9	
20 1,1-Dichloroethene	96	7.983	7.983	0.000	97	303137	10.0	8.96	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.031	8.031	0.000	99	625072	10.0	8.77	
22 Acetone	43	8.063	8.063	0.000	96	357345	10.0	9.04	
23 Isopropyl alcohol	45	8.405	8.411	-0.006	100	407628	10.0	9.88	
24 Carbon disulfide	76	8.475	8.475	0.000	98	866045	10.0	9.04	
25 Acetonitrile	41	8.657	8.657	0.000	99	183202	10.0	8.30	
26 3-Chloro-1-propene	41	8.812	8.812	0.000	93	343931	10.0	9.96	
27 Methylene Chloride	49	9.090	9.090	0.000	90	312627	10.0	8.91	
28 2-Methyl-2-propanol	59	9.320	9.326	-0.006	99	515910	10.0	9.15	
29 Acrylonitrile	53	9.561	9.561	0.000	95	199903	10.0	9.89	
31 Methyl tert-butyl ether	73	9.695	9.695	0.000	98	829547	10.0	10.0	
30 trans-1,2-Dichloroethene	61	9.695	9.695	0.000	95	428705	10.0	9.55	
S 35 1,2-Dichloroethene, Total	61				0		20.0	18.6	

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	10.299	10.299	0.000	90	472780	10.0	10.0	
33 1,1-Dichloroethane	63	10.588	10.588	0.000	100	532742	10.0	8.84	
34 Vinyl acetate	43	10.599	10.599	0.000	99	579350	10.0	11.1	
36 2-Butanone (MEK)	72	11.685	11.685	0.000	98	155158	10.0	9.64	
37 cis-1,2-Dichloroethene	96	11.728	11.728	0.000	92	336641	10.0	9.07	
38 Ethyl acetate	88	11.786	11.781	0.005	99	31273	10.0	9.56	
* 39 Chlorobromomethane	128	12.188	12.188	0.000	86	266834	10.0	10.0	
40 Tetrahydrofuran	42	12.236	12.241	-0.005	91	303661	10.0	9.18	
41 Chloroform	83	12.380	12.380	0.000	95	616185	10.0	9.08	
42 1,1,1-Trichloroethane	97	12.728	12.728	0.000	98	615058	10.0	8.99	
43 Cyclohexane	84	12.888	12.888	0.000	97	448783	10.0	9.85	
44 Carbon tetrachloride	117	13.038	13.038	0.000	99	652878	10.0	9.29	
45 Benzene	78	13.413	13.407	0.006	94	1001375	10.0	9.18	
46 1,2-Dichloroethane	62	13.488	13.488	0.000	93	365037	10.0	9.18	
47 Isooctane	57	13.643	13.643	0.000	100	1566479	10.0	9.94	
48 n-Heptane	43	13.969	13.969	0.000	89	528573	10.0	10.1	
* 49 1,4-Difluorobenzene	114	14.194	14.194	0.000	94	1367099	10.0	10.0	
50 n-Butanol	56	14.402	14.402	0.000	86	196693	10.0	8.25	
A 52 GRO	1	14.496	(6.320-22.672)		0	132387128	649.9	0	
51 Trichloroethene	95	14.665	14.665	0.000	98	445314	10.0	8.70	
53 1,2-Dichloropropane	63	15.146	15.146	0.000	88	373551	10.0	9.19	
54 Methyl methacrylate	69	15.216	15.216	0.000	98	361191	10.0	9.78	
55 1,4-Dioxane	88	15.274	15.274	0.000	92	197039	10.0	9.23	
57 Dibromomethane	174	15.312	15.312	0.000	94	454491	10.0	8.94	
58 Dichlorobromomethane	83	15.633	15.633	0.000	98	672555	10.0	9.22	
A 60 TVOC as Toluene	1	16.080	(4.094-28.065)		0	212489954	899.8	0	
59 cis-1,3-Dichloropropene	75	16.473	16.467	0.006	89	598686	10.0	9.77	
61 4-Methyl-2-pentanone (MIBK)	43	16.713	16.714	-0.001	94	637005	10.0	9.84	
62 Toluene	92	17.147	17.147	0.000	93	732489	10.0	9.98	
A 63 Toluene Range	1	17.168	(17.072-17.265)		0	2804940	NC	NC	
64 n-Octane	43	17.382	17.382	0.000	89	750154	10.0	10.3	
A 65 C8 Range	1	17.388	(17.297-17.479)		0	3054547	NC	NC	
66 trans-1,3-Dichloropropene	75	17.553	17.553	0.000	95	529341	10.0	10.7	
67 1,1,2-Trichloroethane	83	17.944	17.944	0.000	95	357471	10.0	9.36	
68 Tetrachloroethene	166	18.179	18.179	0.000	98	644553	10.0	9.25	
69 2-Hexanone	43	18.340	18.340	0.000	97	596997	10.0	10.0	
70 Chlorodibromomethane	129	18.720	18.720	0.000	98	739475	10.0	9.42	
71 Ethylene Dibromide	107	18.976	18.976	0.000	98	652635	10.0	9.54	
* 73 Chlorobenzene-d5	117	19.902	19.902	0.000	84	1217011	10.0	10.0	
74 Chlorobenzene	112	19.966	19.966	0.000	96	1037104	10.0	9.24	
S 80 Xylenes, Total	106				0		30.0	30.3	
75 Ethylbenzene	91	20.148	20.148	0.000	97	1617465	10.0	9.81	
76 m-Xylene & p-Xylene	106	20.405	20.399	0.006	0	1304650	20.0	20.0	
77 n-Nonane	57	20.437	20.437	0.000	87	797434	10.0	10.3	
78 o-Xylene	106	21.111	21.111	0.000	99	615851	10.0	10.3	
79 Styrene	104	21.138	21.138	0.000	98	1042314	10.0	10.4	
81 Bromoform	173	21.464	21.464	0.000	99	784753	10.0	9.64	
82 Isopropylbenzene	105	21.726	21.726	0.000	98	1848105	10.0	10.3	
83 1,1,2,2-Tetrachloroethane	83	22.186	22.186	0.000	98	951351	10.0	9.27	
84 1,2,3-Trichloropropane	75	22.293	22.288	0.005	98	739217	10.0	9.14	
85 N-Propylbenzene	91	22.384	22.390	-0.006	100	2244213	10.0	9.91	
86 2-Chlorotoluene	91	22.539	22.539	0.000	96	1548085	10.0	9.71	

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	22.571	22.566	0.005	98	1899626	10.0	10.2	
88 1,3,5-Trimethylbenzene	105	22.652	22.652	0.000	93	1576759	10.0	10.0	
89 n-Decane	57	22.662	22.662	0.000	92	1061410	10.0	9.92	
90 Alpha Methyl Styrene	118	22.962	22.962	0.000	90	823229	10.0	10.2	
91 tert-Butylbenzene	119	23.112	23.112	0.000	95	1558918	10.0	10.0	
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	97	1589356	10.0	10.2	
93 sec-Butylbenzene	105	23.433	23.433	0.000	99	2371128	10.0	10.1	
94 1,3-Dichlorobenzene	146	23.625	23.625	0.000	96	1157235	10.0	9.46	
95 4-Isopropyltoluene	119	23.647	23.647	0.000	98	2021180	10.0	10.1	
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	97	1168713	10.0	9.65	
97 Benzyl chloride	91	23.925	23.925	0.000	99	1380983	10.0	10.1	
98 n-Butylbenzene	91	24.246	24.246	0.000	98	1853933	10.0	10.3	
99 1,2-Dichlorobenzene	146	24.310	24.310	0.000	98	1114589	10.0	9.50	
100 Undecane	57	24.380	24.380	0.000	94	1150361	10.0	8.94	
101 Dodecane	57	26.129	26.129	0.000	98	921916	10.0	7.61	
102 1,2,4-Trichlorobenzene	180	27.022	27.022	0.000	94	1015517	10.0	11.8	
103 Hexachlorobutadiene	225	27.295	27.295	0.000	96	1009486	10.0	10.6	
104 Naphthalene	128	27.579	27.579	0.000	100	2046524	10.0	12.5	
105 1,2,3-Trichlorobenzene	180	28.055	28.055	0.000	96	874919	10.0	10.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15LCSW_00885	Amount Added: 200.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

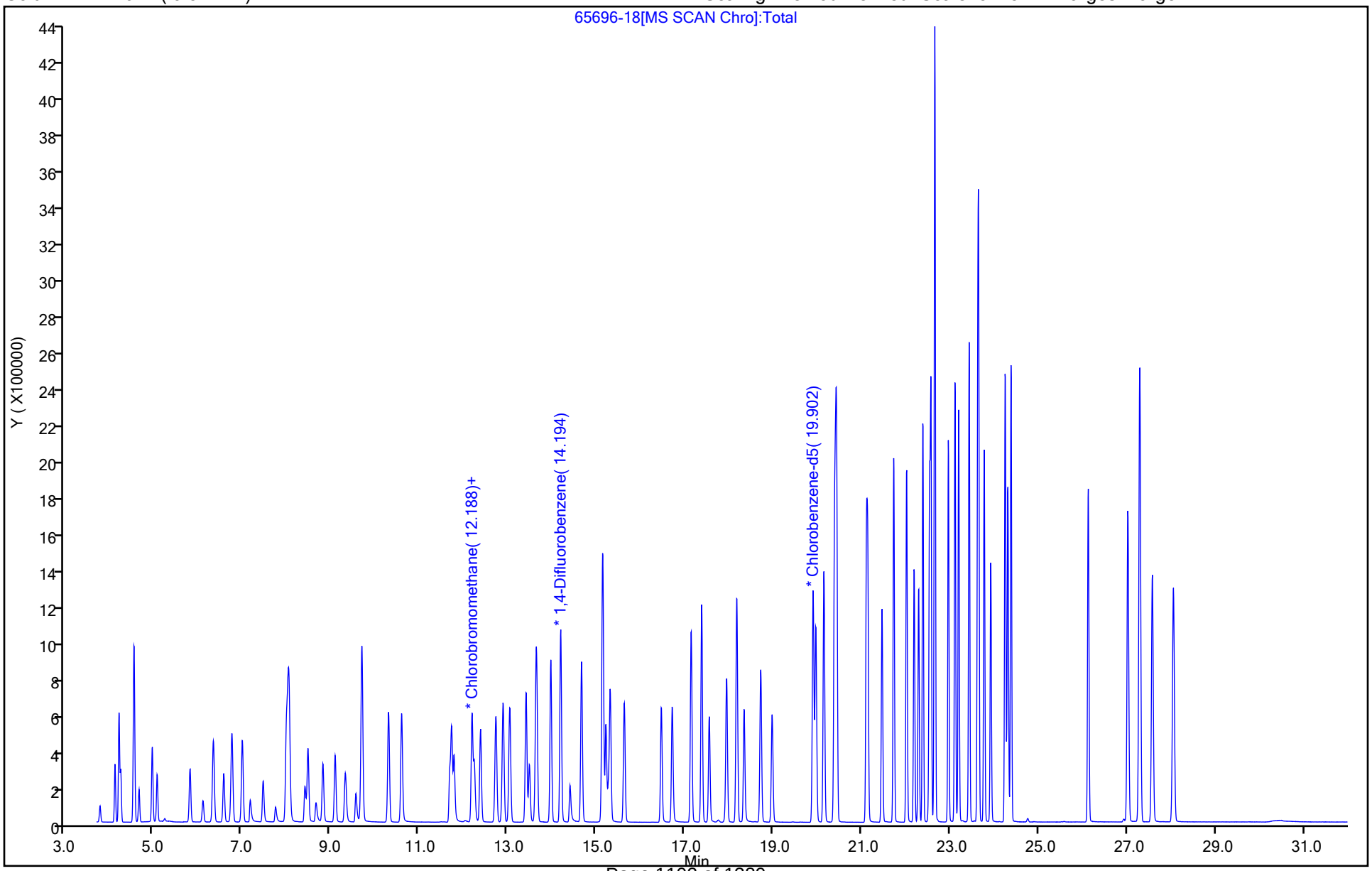
Report Date: 24-Jun-2025 08:23:22 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-18.d

Injection Date:	24-Jun-2025 05:03:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	icv			Worklist Smp#:	18
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	TO15_TO3_MasterMethod_W	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.: 200-78438-1

SDG No.:

Lab Sample ID: CCVIS 200-217778/2 Calibration Date: 06/24/2025 10:38

Instrument ID: CHW.i Calib Start Date: 06/23/2025 16:41

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 06/24/2025 02:26

Lab File ID: 65709-02.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	0.8174	0.9095		11.1	10.0	11.3	30.0
Dichlorodifluoromethane	Ave	2.768	2.632		9.51	10.0	-4.9	30.0
Chlorodifluoromethane	Ave	1.603	1.723		10.7	10.0	7.5	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.116	3.226		10.4	10.0	3.5	30.0
Chloromethane	Ave	0.9699	1.047		10.8	10.0	7.9	30.0
n-Butane	Ave	1.173	1.154		9.84	10.0	-1.6	30.0
Vinyl chloride	Ave	0.9486	0.8436		8.89	10.0	-11.1	30.0
1,3-Butadiene	Ave	0.6713	0.6144		9.15	10.0	-8.5	30.0
Bromomethane	Ave	1.180	1.203		10.2	10.0	1.9	30.0
Chloroethane	Ave	0.6542	0.6736		10.3	10.0	3.0	30.0
Isopentane	Ave	1.235	1.287		10.4	10.0	4.2	30.0
Bromoethene(Vinyl Bromide)	Ave	1.146	1.187		10.4	10.0	3.6	30.0
Trichlorofluoromethane	Ave	2.848	2.886		10.1	10.0	1.3	30.0
n-Pentane	Ave	1.825	1.966		10.8	10.0	7.7	30.0
Ethanol	Ave	0.5032	0.5457		16.3	15.0	8.4	30.0
Ethyl ether	Ave	0.7691	0.8528		11.1	10.0	10.9	30.0
Acrolein	Ave	0.4046	0.4221		12.2	11.7	4.3	30.0
1,1-Dichloroethene	Ave	1.268	1.290		10.2	10.0	1.8	30.0
1,1,2-Trichlorotrifluoroethane	Ave	2.673	2.681		10.0	10.0	0.3	30.0
Acetone	Ave	1.481	1.601		10.8	10.0	8.1	30.0
Isopropyl alcohol	Ave	1.547	1.712		12.8	11.6	10.7	30.0
Carbon disulfide	Ave	3.592	3.718		10.3	10.0	3.5	30.0
Acetonitrile	Ave	0.8269	0.8794		10.6	10.0	6.3	30.0
3-Chloropropene	Ave	1.294	1.221		9.43	10.0	-5.6	30.0
Methylene Chloride	Ave	1.316	1.336		10.2	10.0	1.5	30.0
tert-Butyl alcohol	Ave	2.113	2.363		11.2	10.0	11.8	30.0
Acrylonitrile	Ave	0.7577	0.8747		11.5	10.0	15.4	30.0
Methyl tert-butyl ether	Ave	3.095	3.479		11.2	10.0	12.4	30.0
trans-1,2-Dichloroethene	Ave	1.682	1.747		10.4	10.0	3.8	30.0
n-Hexane	Ave	1.772	1.981		11.2	10.0	11.8	30.0
1,1-Dichloroethane	Ave	2.260	2.272		10.1	10.0	0.6	30.0
Vinyl acetate	Ave	1.959	1.966		11.4	11.4	0.4	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.6032	0.6790		11.3	10.0	12.6	30.0
cis-1,2-Dichloroethene	Ave	1.391	1.466		10.5	10.0	5.4	30.0
Ethyl acetate	Ave	0.1226	0.1245		10.2	10.0	1.5	30.0
Tetrahydrofuran	Ave	0.2420	0.2625		10.8	10.0	8.5	30.0
Chloroform	Ave	2.542	2.587		10.2	10.0	1.8	30.0
1,1,1-Trichloroethane	Ave	0.5003	0.4999		9.99	10.0	-0.0	30.0
Cyclohexane	Ave	0.3333	0.3686		11.1	10.0	10.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Lab Sample ID: CCVIS 200-217778/2 Calibration Date: 06/24/2025 10:38

Instrument ID: CHW.i Calib Start Date: 06/23/2025 16:41

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 06/24/2025 02:26

Lab File ID: 65709-02.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
Carbon tetrachloride	Ave	0.5138	0.5310		10.3	10.0	3.3	30.0
Benzene	Ave	0.7979	0.8174		10.2	10.0	2.4	30.0
1,2-Dichloroethane	Ave	0.2909	0.2972		10.2	10.0	2.2	30.0
2,2,4-Trimethylpentane	Ave	1.152	1.274		11.0	10.0	10.5	30.0
n-Heptane	Ave	0.3824	0.4283		11.2	10.0	12.0	30.0
n-Butanol	Ave	0.1744	0.1885		10.8	10.0	8.1	30.0
Trichloroethene	Ave	0.3743	0.3719		9.93	10.0	-0.6	30.0
1,2-Dichloropropane	Ave	0.2973	0.3026		10.2	10.0	1.8	30.0
Methyl methacrylate	Ave	0.2701	0.2943		10.9	10.0	9.0	30.0
1,4-Dioxane	Ave	0.1561	0.1845		11.8	10.0	18.2	30.0
Dibromomethane	Ave	0.3719	0.3774		10.1	10.0	1.5	30.0
Bromodichloromethane	Ave	0.5336	0.5442		10.2	10.0	2.0	30.0
cis-1,3-Dichloropropene	Ave	0.4483	0.4993		11.1	10.0	11.4	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.4733	0.5222		11.0	10.0	10.3	30.0
Toluene	Ave	0.6033	0.6427		10.7	10.0	6.5	30.0
n-Octane	Ave	0.5314	0.6125		11.5	10.0	15.3	30.0
trans-1,3-Dichloropropene	Ave	0.3603	0.3993		11.1	10.0	10.8	30.0
1,1,2-Trichloroethane	Ave	0.3137	0.3122		9.95	10.0	-0.5	30.0
Tetrachloroethene	Ave	0.5726	0.5686		9.93	10.0	-0.7	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4892	0.5415		11.1	10.0	10.7	30.0
Dibromochloromethane	Ave	0.6449	0.6415		9.95	10.0	-0.5	30.0
1,2-Dibromoethane	Ave	0.5623	0.5821		10.3	10.0	3.5	30.0
Chlorobenzene	Ave	0.9225	0.9069		9.83	10.0	-1.7	30.0
Ethylbenzene	Ave	1.355	1.434		10.6	10.0	5.9	30.0
m,p-Xylene	Ave	0.5353	0.5706		21.3	20.0	6.6	30.0
n-Nonane	Ave	0.6378	0.6980		10.9	10.0	9.4	30.0
o-Xylene	Ave	0.4927	0.5423		11.0	10.0	10.1	30.0
Styrene	Ave	0.8231	0.9219		11.2	10.0	12.0	30.0
Bromoform	Ave	0.6687	0.6409		9.58	10.0	-4.2	30.0
Cumene	Ave	1.477	1.636		11.1	10.0	10.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8434	0.8084		9.58	10.0	-4.2	30.0
1,2,3-Trichloropropane	Ave	0.6646	0.6519		9.81	10.0	-1.9	30.0
n-Propylbenzene	Ave	1.862	1.983		10.6	10.0	6.5	30.0
2-Chlorotoluene	Ave	1.310	1.361		10.4	10.0	3.9	30.0
4-Ethyltoluene	Ave	1.530	1.657		10.8	10.0	8.3	30.0
1,3,5-Trimethylbenzene	Ave	1.292	1.375		10.6	10.0	6.4	30.0
n-Decane	Ave	0.8794	0.9287		10.6	10.0	5.6	30.0
Alpha Methyl Styrene	Ave	0.6639	0.7443		11.2	10.0	12.1	30.0
tert-Butylbenzene	Ave	1.282	1.379		10.8	10.0	7.6	30.0
1,2,4-Trimethylbenzene	Ave	1.280	1.401		10.9	10.0	9.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Lab Sample ID: CCVIS 200-217778/2 Calibration Date: 06/24/2025 10:38

Instrument ID: CHW.i Calib Start Date: 06/23/2025 16:41

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 06/24/2025 02:26

Lab File ID: 65709-02.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
sec-Butylbenzene	Ave	1.922	2.077		10.8	10.0	8.1	30.0
1,3-Dichlorobenzene	Ave	1.005	1.019		10.1	10.0	1.4	30.0
4-Isopropyltoluene	Ave	1.640	1.808		11.0	10.0	10.3	30.0
1,4-Dichlorobenzene	Ave	0.995	1.023		10.3	10.0	2.8	30.0
Benzyl chloride	Ave	1.119	1.170		10.5	10.0	4.6	30.0
n-Butylbenzene	Ave	1.480	1.666		11.3	10.0	12.6	30.0
1,2-Dichlorobenzene	Ave	0.9641	0.9715		10.1	10.0	0.8	30.0
n-Undecane	Ave	1.057	1.035		9.79	10.0	-2.1	30.0
n-Dodecane	Ave	0.9949	0.9572		9.62	10.0	-3.8	30.0
1,2,4-Trichlorobenzene	Ave	0.7049	0.7563		12.6	11.7	7.3	30.0
Hexachlorobutadiene	Ave	0.7805	0.7533		10.8	11.2	-3.5	30.0
Naphthalene	Ave	1.347	1.598		14.1	11.9	18.7	30.0
1,2,3-Trichlorobenzene	Ave	0.6988	0.7150		11.9	11.6	2.3	30.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-02.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 24-Jun-2025 10:38:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065709-002
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 25-Jun-2025 10:06:28 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1688

First Level Reviewer: F7XK Date: 25-Jun-2025 10:06:28

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	4.110	4.110	0.000	96	240711	10.0	11.1	
2 Dichlorodifluoromethane	85	4.201	4.201	0.000	99	696690	10.0	9.51	
3 Chlorodifluoromethane	51	4.238	4.238	0.000	97	456081	10.0	10.7	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.538	4.538	0.000	97	853688	10.0	10.4	
5 Chloromethane	50	4.650	4.650	0.000	99	276994	10.0	10.8	
6 Vinyl chloride	62	4.949	4.949	0.000	100	223251	10.0	8.89	
7 Butane	43	4.949	4.949	0.000	97	305435	10.0	9.84	
8 Butadiene	54	5.062	5.062	0.000	91	162593	10.0	9.15	
9 Bromomethane	94	5.805	5.805	0.000	99	318330	10.0	10.2	
11 BFB									
10 Chloroethane	64	6.100	6.100	0.000	99	178270	10.0	10.3	
12 2-Methylbutane	43	6.335	6.335	0.000	93	340578	10.0	10.4	
13 Vinyl bromide	106	6.570	6.570	0.000	100	314071	10.0	10.4	
14 Trichlorofluoromethane	101	6.752	6.752	0.000	98	763798	10.0	10.1	
15 Pentane	43	6.988	6.988	0.000	96	520183	10.0	10.8	
16 Ethanol	45	7.170	7.170	0.000	98	216706	15.0	16.3	
18 Ethyl ether	59	7.458	7.458	0.000	90	225695	10.0	11.1	
19 Acrolein	56	7.742	7.742	0.000	95	130804	11.7	12.2	
20 1,1-Dichloroethene	96	7.988	7.988	0.000	96	341459	10.0	10.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.031	8.031	0.000	98	709521	10.0	10.0	
22 Acetone	43	8.063	8.063	0.000	96	423729	10.0	10.8	
23 Isopropyl alcohol	45	8.405	8.405	0.000	100	525238	11.6	12.8	
24 Carbon disulfide	76	8.475	8.475	0.000	98	983888	10.0	10.3	
25 Acetonitrile	41	8.657	8.657	0.000	100	232723	10.0	10.6	
26 3-Chloro-1-propene	41	8.812	8.812	0.000	94	323130	10.0	9.43	
27 Methylene Chloride	49	9.090	9.090	0.000	90	353572	10.0	10.2	
28 2-Methyl-2-propanol	59	9.320	9.320	0.000	99	625499	10.0	11.2	
29 Acrylonitrile	53	9.561	9.561	0.000	97	231485	10.0	11.5	
31 Methyl tert-butyl ether	73	9.695	9.695	0.000	98	920806	10.0	11.2	
30 trans-1,2-Dichloroethene	61	9.695	9.695	0.000	97	462213	10.0	10.4	
S 35 1,2-Dichloroethene, Total	61				0		20.0	20.9	

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	10.299	10.299	0.000	90	524153	10.0	11.2	
33 1,1-Dichloroethane	63	10.593	10.593	0.000	100	601321	10.0	10.1	
34 Vinyl acetate	43	10.599	10.599	0.000	99	592677	11.4	11.4	
36 2-Butanone (MEK)	72	11.685	11.685	0.000	98	179696	10.0	11.3	
37 cis-1,2-Dichloroethene	96	11.728	11.728	0.000	92	388094	10.0	10.5	
38 Ethyl acetate	88	11.781	11.781	0.000	99	32948	10.0	10.2	
* 39 Chlorobromomethane	128	12.188	12.188	0.000	86	264701	10.0	10.0	
40 Tetrahydrofuran	42	12.236	12.236	0.000	91	355082	10.0	10.8	
41 Chloroform	83	12.380	12.380	0.000	95	684629	10.0	10.2	
42 1,1,1-Trichloroethane	97	12.728	12.728	0.000	98	676114	10.0	10.0	
43 Cyclohexane	84	12.894	12.894	0.000	96	498616	10.0	11.1	
44 Carbon tetrachloride	117	13.044	13.044	0.000	99	718164	10.0	10.3	
45 Benzene	78	13.413	13.413	0.000	95	1105643	10.0	10.2	
46 1,2-Dichloroethane	62	13.488	13.488	0.000	93	402036	10.0	10.2	
47 Isooctane	57	13.643	13.643	0.000	100	1722576	10.0	11.0	
48 n-Heptane	43	13.969	13.969	0.000	89	579373	10.0	11.2	
* 49 1,4-Difluorobenzene	114	14.194	14.194	0.000	94	1352835	10.0	10.0	
50 n-Butanol	56	14.402	14.402	0.000	85	255010	10.0	10.8	
A 52 GRO	1	14.499	(6.325-22.672)		0	155355563	649.9	0	
51 Trichloroethene	95	14.665	14.665	0.000	98	503048	10.0	9.93	
53 1,2-Dichloropropane	63	15.146	15.146	0.000	84	409292	10.0	10.2	
54 Methyl methacrylate	69	15.216	15.216	0.000	95	398046	10.0	10.9	M
55 1,4-Dioxane	88	15.274	15.274	0.000	91	249586	10.0	11.8	
57 Dibromomethane	174	15.317	15.317	0.000	93	510467	10.0	10.1	
58 Dichlorobromomethane	83	15.633	15.633	0.000	98	736126	10.0	10.2	
A 60 TVOC as Toluene	1	16.085	(4.100-28.070)		0	245348694	899.8	0	
59 cis-1,3-Dichloropropene	75	16.473	16.473	0.000	89	675282	10.0	11.1	
61 4-Methyl-2-pentanone (MIBK)	43	16.719	16.719	0.000	94	706252	10.0	11.0	
62 Toluene	92	17.147	17.147	0.000	93	808971	10.0	10.7	
A 63 Toluene Range	1	17.147	(17.072-17.222)		0	3106402	NC	NC	
64 n-Octane	43	17.382	17.382	0.000	89	828466	10.0	11.5	
A 65 C8 Range	1	17.409	(17.307-17.511)		0	3376415	NC	NC	
66 trans-1,3-Dichloropropene	75	17.553	17.553	0.000	95	540035	10.0	11.1	
67 1,1,2-Trichloroethane	83	17.949	17.949	0.000	96	393012	10.0	9.95	
68 Tetrachloroethene	166	18.179	18.179	0.000	97	715626	10.0	9.93	
69 2-Hexanone	43	18.340	18.340	0.000	97	681601	10.0	11.1	
70 Chlorodibromomethane	129	18.720	18.720	0.000	98	807489	10.0	9.95	
71 Ethylene Dibromide	107	18.976	18.976	0.000	98	732612	10.0	10.3	
* 73 Chlorobenzene-d5	117	19.907	19.907	0.000	84	1258903	10.0	10.0	
74 Chlorobenzene	112	19.966	19.966	0.000	96	1141476	10.0	9.83	
S 80 Xylenes, Total	106				0		30.0	32.3	
75 Ethylbenzene	91	20.148	20.148	0.000	98	1805298	10.0	10.6	
76 m-Xylene & p-Xylene	106	20.405	20.405	0.000	0	1436442	20.0	21.3	
77 n-Nonane	57	20.437	20.437	0.000	88	878520	10.0	10.9	
78 o-Xylene	106	21.111	21.111	0.000	99	682622	10.0	11.0	
79 Styrene	104	21.143	21.143	0.000	97	1160340	10.0	11.2	
81 Bromoform	173	21.464	21.464	0.000	99	806695	10.0	9.58	
82 Isopropylbenzene	105	21.732	21.732	0.000	98	2059412	10.0	11.1	
83 1,1,2,2-Tetrachloroethane	83	22.192	22.192	0.000	98	1017489	10.0	9.58	
84 1,2,3-Trichloropropane	75	22.293	22.293	0.000	98	820567	10.0	9.81	
85 N-Propylbenzene	91	22.390	22.390	0.000	100	2495660	10.0	10.6	
86 2-Chlorotoluene	91	22.539	22.539	0.000	96	1712596	10.0	10.4	

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	22.571	22.571	0.000	98	2085300	10.0	10.8	
88 1,3,5-Trimethylbenzene	105	22.652	22.652	0.000	93	1730783	10.0	10.6	
89 n-Decane	57	22.662	22.662	0.000	92	1168903	10.0	10.6	
90 Alpha Methyl Styrene	118	22.967	22.967	0.000	90	936826	10.0	11.2	
91 tert-Butylbenzene	119	23.117	23.117	0.000	95	1735781	10.0	10.8	
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	97	1763290	10.0	10.9	
93 sec-Butylbenzene	105	23.438	23.438	0.000	99	2614799	10.0	10.8	
94 1,3-Dichlorobenzene	146	23.631	23.631	0.000	97	1282026	10.0	10.1	
95 4-Isopropyltoluene	119	23.652	23.652	0.000	98	2276172	10.0	11.0	
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	96	1287089	10.0	10.3	
97 Benzyl chloride	91	23.925	23.925	0.000	100	1472849	10.0	10.5	
98 n-Butylbenzene	91	24.251	24.251	0.000	98	2097286	10.0	11.3	
99 1,2-Dichlorobenzene	146	24.310	24.310	0.000	99	1222823	10.0	10.1	
100 Undecane	57	24.385	24.385	0.000	94	1302566	10.0	9.79	
101 Dodecane	57	26.129	26.129	0.000	97	1204818	10.0	9.62	
102 1,2,4-Trichlorobenzene	180	27.028	27.028	0.000	94	1116577	11.7	12.6	
103 Hexachlorobutadiene	225	27.295	27.295	0.000	96	1065667	11.2	10.8	
104 Naphthalene	128	27.579	27.579	0.000	100	2391815	11.9	14.1	
105 1,2,3-Trichlorobenzene	180	28.060	28.060	0.000	96	1048453	11.6	11.9	
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:

ATTO15CAL4w_00835	Amount Added: 200.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

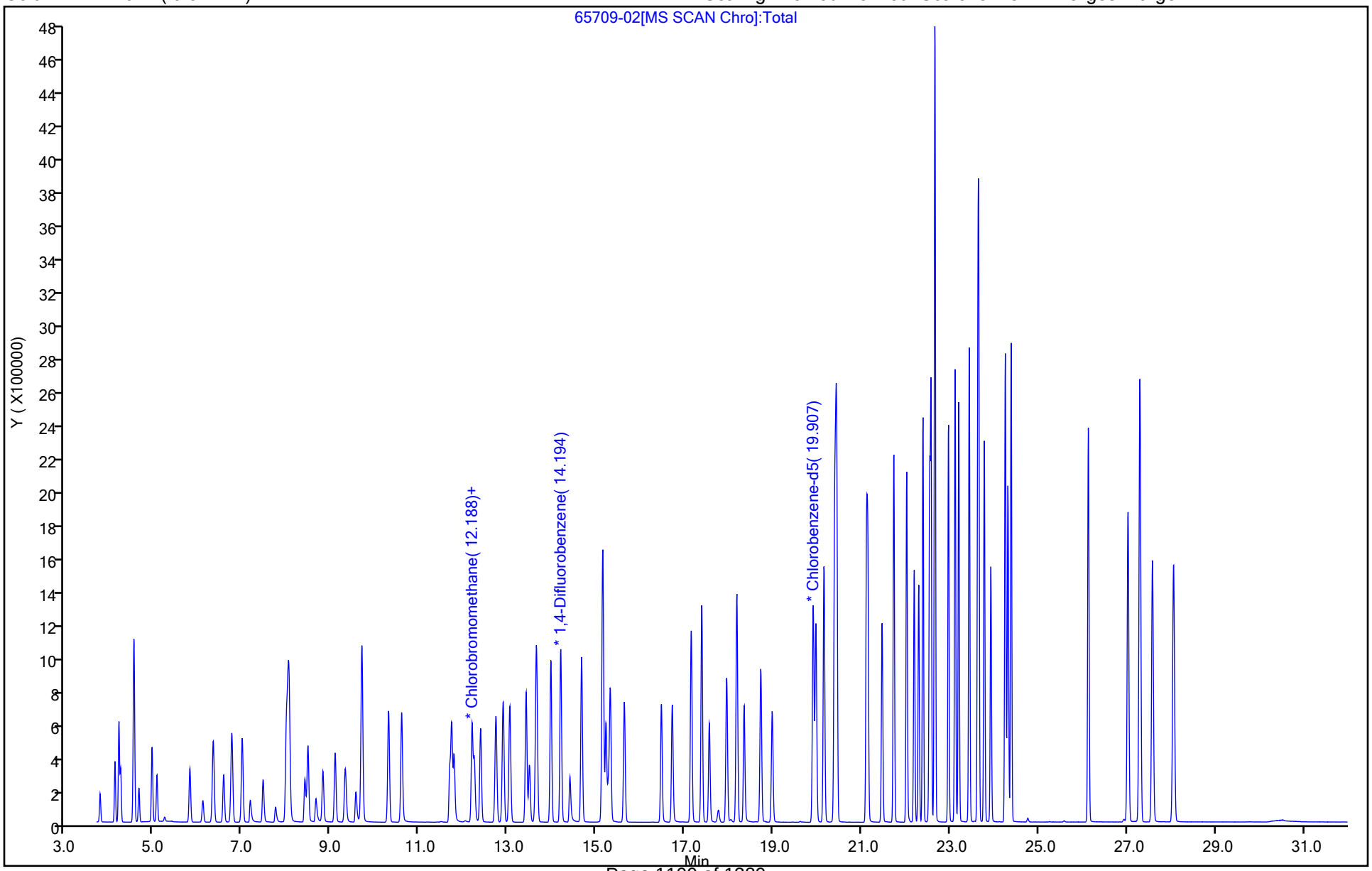
Report Date: 25-Jun-2025 10:06:28 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-02.d

Injection Date:	24-Jun-2025 10:38:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

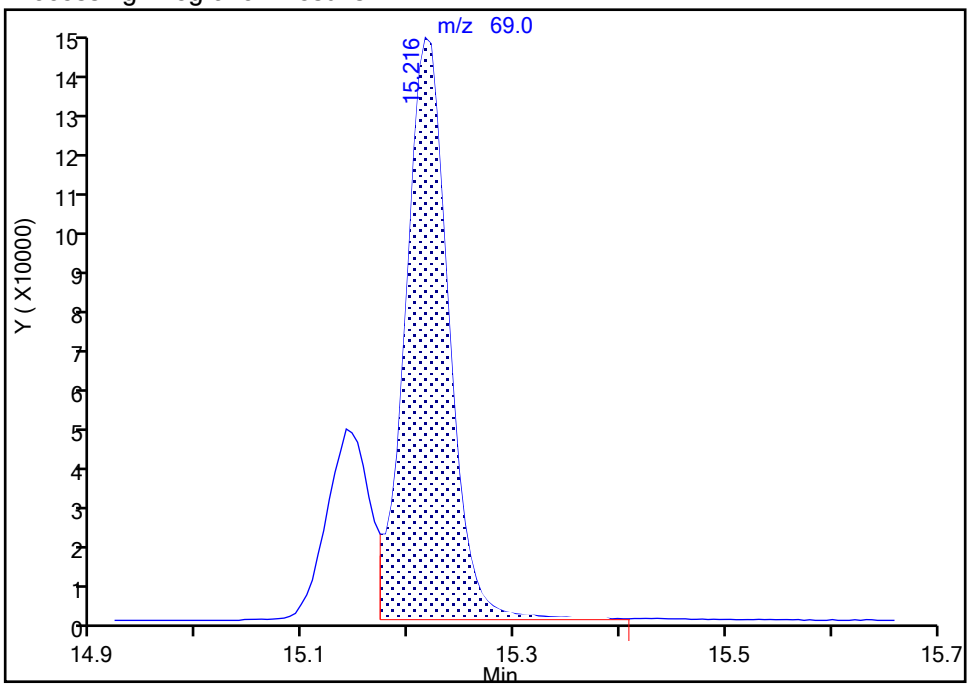
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Injection Date: 24-Jun-2025 10:38:30 Instrument ID: CHW.i
Lims ID: CCVIS
Client ID:
Operator ID: vtp ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

54 Methyl methacrylate, CAS: 80-62-6

Signal: 1

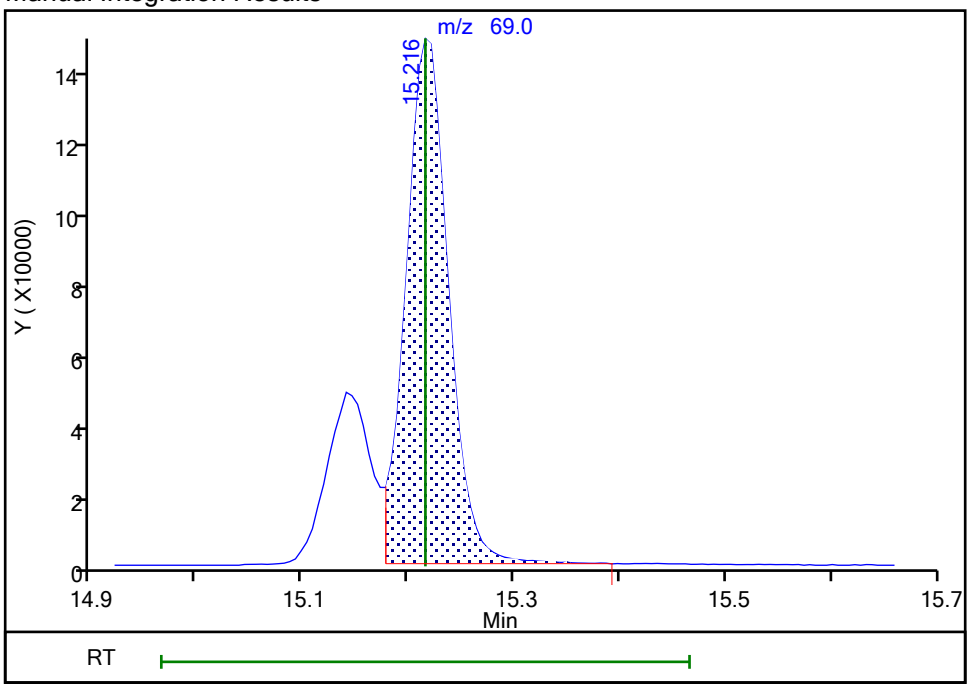
Processing Integration Results

RT: 15.22
Area: 405209
Amount: 11.090293
Amount Units: ppb v/v



Manual Integration Results

RT: 15.22
Area: 398046
Amount: 10.894247
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 10:06:08 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Lab Sample ID: CCVIS 200-217812/2 Calibration Date: 06/25/2025 08:36

Instrument ID: CHW.i Calib Start Date: 06/23/2025 16:41

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 06/24/2025 02:26

Lab File ID: 65728-02.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	0.8174	0.8863		10.8	10.0	8.4	30.0
Dichlorodifluoromethane	Ave	2.768	2.792		10.1	10.0	0.8	30.0
Chlorodifluoromethane	Ave	1.603	1.657		10.3	10.0	3.4	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.116	3.085		9.90	10.0	-1.0	30.0
Chloromethane	Ave	0.9699	1.026		10.6	10.0	5.8	30.0
Vinyl chloride	Ave	0.9486	0.8560		9.02	10.0	-9.8	30.0
n-Butane	Ave	1.173	1.187		10.1	10.0	1.2	30.0
1,3-Butadiene	Ave	0.6713	0.6008		8.95	10.0	-10.5	30.0
Bromomethane	Ave	1.180	1.123		9.52	10.0	-4.8	30.0
Chloroethane	Ave	0.6542	0.6482		9.91	10.0	-0.9	30.0
Isopentane	Ave	1.235	1.234		9.99	10.0	-0.0	30.0
Bromoethene(Vinyl Bromide)	Ave	1.146	1.103		9.63	10.0	-3.7	30.0
Trichlorofluoromethane	Ave	2.848	2.699		9.47	10.0	-5.3	30.0
n-Pentane	Ave	1.825	1.895		10.4	10.0	3.8	30.0
Ethanol	Ave	0.5032	0.5281		15.7	15.0	5.0	30.0
Ethyl ether	Ave	0.7691	0.8129		10.6	10.0	5.7	30.0
Acrolein	Ave	0.4046	0.4017		11.6	11.7	-0.7	30.0
1,1-Dichloroethene	Ave	1.268	1.210		9.54	10.0	-4.5	30.0
1,1,2-Trichlorotrifluoroethane	Ave	2.673	2.526		9.45	10.0	-5.5	30.0
Acetone	Ave	1.481	1.516		10.2	10.0	2.4	30.0
Isopropyl alcohol	Ave	1.547	1.618		12.1	11.6	4.6	30.0
Carbon disulfide	Ave	3.592	3.531		9.83	10.0	-1.7	30.0
Acetonitrile	Ave	0.8269	0.8525		10.3	10.0	3.1	30.0
3-Chloropropene	Ave	1.294	1.165		9.00	10.0	-10.0	30.0
Methylene Chloride	Ave	1.316	1.293		9.82	10.0	-1.8	30.0
tert-Butyl alcohol	Ave	2.113	2.211		10.5	10.0	4.6	30.0
Acrylonitrile	Ave	0.7577	0.8378		11.1	10.0	10.6	30.0
Methyl tert-butyl ether	Ave	3.095	3.274		10.6	10.0	5.8	30.0
trans-1,2-Dichloroethene	Ave	1.682	1.677		9.97	10.0	-0.3	30.0
n-Hexane	Ave	1.772	1.899		10.7	10.0	7.2	30.0
1,1-Dichloroethane	Ave	2.260	2.185		9.67	10.0	-3.3	30.0
Vinyl acetate	Ave	1.959	1.889		11.0	11.4	-3.6	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.6032	0.6368		10.6	10.0	5.6	30.0
cis-1,2-Dichloroethene	Ave	1.391	1.387		9.97	10.0	-0.3	30.0
Ethyl acetate	Ave	0.1226	0.1193		9.73	10.0	-2.7	30.0
Tetrahydrofuran	Ave	0.2420	0.2496		10.3	10.0	3.1	30.0
Chloroform	Ave	2.542	2.449		9.63	10.0	-3.7	30.0
1,1,1-Trichloroethane	Ave	0.5003	0.4651		9.29	10.0	-7.0	30.0
Cyclohexane	Ave	0.3333	0.3448		10.3	10.0	3.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Lab Sample ID: CCVIS 200-217812/2 Calibration Date: 06/25/2025 08:36

Instrument ID: CHW.i Calib Start Date: 06/23/2025 16:41

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 06/24/2025 02:26

Lab File ID: 65728-02.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
Carbon tetrachloride	Ave	0.5138	0.4899		9.53	10.0	-4.7	30.0
Benzene	Ave	0.7979	0.7720		9.67	10.0	-3.2	30.0
1,2-Dichloroethane	Ave	0.2909	0.2835		9.75	10.0	-2.5	30.0
2,2,4-Trimethylpentane	Ave	1.152	1.217		10.6	10.0	5.6	30.0
n-Heptane	Ave	0.3824	0.4093		10.7	10.0	7.0	30.0
n-Butanol	Ave	0.1744	0.1839		10.5	10.0	5.4	30.0
Trichloroethene	Ave	0.3743	0.3478		9.29	10.0	-7.1	30.0
1,2-Dichloropropane	Ave	0.2973	0.2894		9.73	10.0	-2.7	30.0
Methyl methacrylate	Ave	0.2701	0.2780		10.3	10.0	2.9	30.0
1,4-Dioxane	Ave	0.1561	0.1718		11.0	10.0	10.1	30.0
Dibromomethane	Ave	0.3719	0.3449		9.27	10.0	-7.2	30.0
Bromodichloromethane	Ave	0.5336	0.5084		9.53	10.0	-4.7	30.0
cis-1,3-Dichloropropene	Ave	0.4483	0.4637		10.3	10.0	3.5	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.4733	0.4968		10.5	10.0	5.0	30.0
Toluene	Ave	0.6033	0.6234		10.3	10.0	3.3	30.0
n-Octane	Ave	0.5314	0.5905		11.1	10.0	11.1	30.0
trans-1,3-Dichloropropene	Ave	0.3603	0.3738		10.4	10.0	3.8	30.0
1,1,2-Trichloroethane	Ave	0.3137	0.3047		9.71	10.0	-2.9	30.0
Tetrachloroethene	Ave	0.5726	0.5341		9.33	10.0	-6.7	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4892	0.5273		10.8	10.0	7.8	30.0
Dibromochloromethane	Ave	0.6449	0.6120		9.49	10.0	-5.1	30.0
1,2-Dibromoethane	Ave	0.5623	0.5597		9.95	10.0	-0.5	30.0
Chlorobenzene	Ave	0.9225	0.8739		9.47	10.0	-5.3	30.0
Ethylbenzene	Ave	1.355	1.381		10.2	10.0	1.9	30.0
m,p-Xylene	Ave	0.5353	0.5509		20.6	20.0	2.9	30.0
n-Nonane	Ave	0.6378	0.6912		10.8	10.0	8.4	30.0
o-Xylene	Ave	0.4927	0.5153		10.5	10.0	4.6	30.0
Styrene	Ave	0.8231	0.8835		10.7	10.0	7.3	30.0
Bromoform	Ave	0.6687	0.5961		8.91	10.0	-10.9	30.0
Cumene	Ave	1.477	1.568		10.6	10.0	6.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8434	0.7850		9.31	10.0	-6.9	30.0
1,2,3-Trichloropropane	Ave	0.6646	0.6320		9.51	10.0	-4.9	30.0
n-Propylbenzene	Ave	1.862	1.909		10.3	10.0	2.6	30.0
2-Chlorotoluene	Ave	1.310	1.305		9.96	10.0	-0.4	30.0
4-Ethyltoluene	Ave	1.530	1.594		10.4	10.0	4.2	30.0
1,3,5-Trimethylbenzene	Ave	1.292	1.317		10.2	10.0	1.9	30.0
n-Decane	Ave	0.8794	0.9094		10.3	10.0	3.4	30.0
Alpha Methyl Styrene	Ave	0.6639	0.7011		10.6	10.0	5.6	30.0
tert-Butylbenzene	Ave	1.282	1.305		10.2	10.0	1.8	30.0
1,2,4-Trimethylbenzene	Ave	1.280	1.326		10.4	10.0	3.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Lab Sample ID: CCVIS 200-217812/2 Calibration Date: 06/25/2025 08:36

Instrument ID: CHW.i Calib Start Date: 06/23/2025 16:41

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 06/24/2025 02:26

Lab File ID: 65728-02.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
sec-Butylbenzene	Ave	1.922	1.977		10.3	10.0	2.9	30.0
1,3-Dichlorobenzene	Ave	1.005	0.9521		9.47	10.0	-5.2	30.0
4-Isopropyltoluene	Ave	1.640	1.706		10.4	10.0	4.0	30.0
1,4-Dichlorobenzene	Ave	0.995	0.9576		9.62	10.0	-3.8	30.0
Benzyl chloride	Ave	1.119	1.140		10.2	10.0	1.9	30.0
n-Butylbenzene	Ave	1.480	1.574		10.6	10.0	6.4	30.0
1,2-Dichlorobenzene	Ave	0.9641	0.9050		9.39	10.0	-6.1	30.0
n-Undecane	Ave	1.057	1.001		9.46	10.0	-5.3	30.0
n-Dodecane	Ave	0.9949	0.9217		9.26	10.0	-7.4	30.0
1,2,4-Trichlorobenzene	Ave	0.7049	0.6760		11.2	11.7	-4.1	30.0
Hexachlorobutadiene	Ave	0.7805	0.6779		9.76	11.2	-13.1	30.0
Naphthalene	Ave	1.347	1.438		12.7	11.9	6.8	30.0
1,2,3-Trichlorobenzene	Ave	0.6988	0.6400		10.7	11.6	-8.4	30.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-02.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 25-Jun-2025 08:36:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065728-002
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jun-2025 11:04:07 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1704

First Level Reviewer: YWL8 Date: 26-Jun-2025 11:04:07

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	4.115	4.115	0.000	97	253800	10.0	10.8	
2 Dichlorodifluoromethane	85	4.201	4.201	0.000	99	799402	10.0	10.1	
3 Chlorodifluoromethane	51	4.243	4.243	0.000	97	474540	10.0	10.3	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.543	4.543	0.000	96	883400	10.0	9.90	
5 Chloromethane	50	4.655	4.655	0.000	99	293734	10.0	10.6	
6 Vinyl chloride	62	4.949	4.949	0.000	100	245129	10.0	9.02	
7 Butane	43	4.955	4.955	0.000	98	339931	10.0	10.1	
8 Butadiene	54	5.062	5.062	0.000	92	172052	10.0	8.95	
9 Bromomethane	94	5.805	5.805	0.000	99	321674	10.0	9.52	
11 BFB									
10 Chloroethane	64	6.100	6.100	0.000	99	185620	10.0	9.91	
12 2-Methylbutane	43	6.335	6.335	0.000	92	353354	10.0	9.99	
13 Vinyl bromide	106	6.570	6.570	0.000	100	315966	10.0	9.63	
14 Trichlorofluoromethane	101	6.758	6.758	0.000	98	772826	10.0	9.47	
15 Pentane	43	6.993	6.993	0.000	96	542523	10.0	10.4	
16 Ethanol	45	7.175	7.175	0.000	99	226960	15.0	15.7	
18 Ethyl ether	59	7.464	7.464	0.000	90	232795	10.0	10.6	
19 Acrolein	56	7.747	7.747	0.000	95	134704	11.7	11.6	
20 1,1-Dichloroethene	96	7.988	7.988	0.000	97	346526	10.0	9.54	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.036	8.036	0.000	99	723430	10.0	9.45	
22 Acetone	43	8.063	8.063	0.000	96	434181	10.0	10.2	
23 Isopropyl alcohol	45	8.411	8.411	0.000	100	536972	11.6	12.1	
24 Carbon disulfide	76	8.480	8.480	0.000	98	1011230	10.0	9.83	
25 Acetonitrile	41	8.657	8.657	0.000	99	244130	10.0	10.3	
26 3-Chloro-1-propene	41	8.817	8.817	0.000	94	333600	10.0	9.00	
27 Methylene Chloride	49	9.095	9.095	0.000	90	370138	10.0	9.82	
28 2-Methyl-2-propanol	59	9.326	9.326	0.000	99	633065	10.0	10.5	
29 Acrylonitrile	53	9.561	9.561	0.000	95	239910	10.0	11.1	
31 Methyl tert-butyl ether	73	9.695	9.695	0.000	98	937411	10.0	10.6	
30 trans-1,2-Dichloroethene	61	9.700	9.700	0.000	95	480172	10.0	9.97	
S 35 1,2-Dichloroethene, Total	61				0		20.0	19.9	

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	10.299	10.299	0.000	90	543783	10.0	10.7	
33 1,1-Dichloroethane	63	10.593	10.593	0.000	99	625786	10.0	9.67	
34 Vinyl acetate	43	10.604	10.604	0.000	99	616057	11.4	11.0	
36 2-Butanone (MEK)	72	11.685	11.685	0.000	98	182346	10.0	10.6	
37 cis-1,2-Dichloroethene	96	11.728	11.728	0.000	92	397194	10.0	9.97	
38 Ethyl acetate	88	11.786	11.786	0.000	99	34174	10.0	9.73	
* 39 Chlorobromomethane	128	12.188	12.188	0.000	88	286419	10.0	10.0	
40 Tetrahydrofuran	42	12.241	12.241	0.000	92	366787	10.0	10.3	
41 Chloroform	83	12.386	12.386	0.000	95	701380	10.0	9.63	
42 1,1,1-Trichloroethane	97	12.728	12.728	0.000	98	683410	10.0	9.29	
43 Cyclohexane	84	12.894	12.894	0.000	97	506749	10.0	10.3	
44 Carbon tetrachloride	117	13.044	13.044	0.000	99	719921	10.0	9.53	
45 Benzene	78	13.413	13.413	0.000	95	1134476	10.0	9.67	
46 1,2-Dichloroethane	62	13.488	13.488	0.000	94	416642	10.0	9.75	
47 Isooctane	57	13.643	13.643	0.000	100	1788713	10.0	10.6	
48 n-Heptane	43	13.969	13.969	0.000	89	601420	10.0	10.7	
* 49 1,4-Difluorobenzene	114	14.194	14.194	0.000	94	1469781	10.0	10.0	
50 n-Butanol	56	14.408	14.408	0.000	85	270196	10.0	10.5	
A 52 GRO	1	14.499	(6.325-22.672)		0	149489412	649.9	0	
51 Trichloroethene	95	14.670	14.670	0.000	93	511130	10.0	9.29	
53 1,2-Dichloropropane	63	15.146	15.146	0.000	79	425201	10.0	9.73	
54 Methyl methacrylate	69	15.221	15.221	0.000	98	408561	10.0	10.3	
55 1,4-Dioxane	88	15.274	15.274	0.000	92	252508	10.0	11.0	
57 Dibromomethane	174	15.317	15.317	0.000	94	506868	10.0	9.27	
58 Dichlorobromomethane	83	15.633	15.633	0.000	98	747124	10.0	9.53	
A 60 TVOC as Toluene	1	16.085	(4.105-28.065)		0	238465073	899.8	0	
59 cis-1,3-Dichloropropene	75	16.473	16.473	0.000	90	681473	10.0	10.3	
61 4-Methyl-2-pentanone (MIBK)	43	16.719	16.719	0.000	95	730105	10.0	10.5	
62 Toluene	92	17.147	17.147	0.000	93	820599	10.0	10.3	
A 63 Toluene Range	1	17.168	(17.077-17.259)		0	3165427	NC	NC	
64 n-Octane	43	17.388	17.388	0.000	89	867796	10.0	11.1	
A 65 C8 Range	1	17.393	(17.313-17.462)		0	3494270	NC	NC	
66 trans-1,3-Dichloropropene	75	17.559	17.559	0.000	95	549327	10.0	10.4	
67 1,1,2-Trichloroethane	83	17.949	17.949	0.000	95	401146	10.0	9.71	
68 Tetrachloroethene	166	18.179	18.179	0.000	98	703038	10.0	9.33	
69 2-Hexanone	43	18.345	18.345	0.000	97	694076	10.0	10.8	
70 Chlorodibromomethane	129	18.720	18.720	0.000	98	805694	10.0	9.49	
71 Ethylene Dibromide	107	18.982	18.982	0.000	99	736823	10.0	9.95	
* 73 Chlorobenzene-d5	117	19.907	19.907	0.000	84	1316659	10.0	10.0	
74 Chlorobenzene	112	19.966	19.966	0.000	96	1150463	10.0	9.47	
S 80 Xylenes, Total	106				0		30.0	31.0	
75 Ethylbenzene	91	20.153	20.153	0.000	98	1817563	10.0	10.2	
76 m-Xylene & p-Xylene	106	20.405	20.405	0.000	0	1450528	20.0	20.6	
77 n-Nonane	57	20.442	20.442	0.000	90	909958	10.0	10.8	
78 o-Xylene	106	21.111	21.111	0.000	99	678390	10.0	10.5	
79 Styrene	104	21.143	21.143	0.000	97	1163068	10.0	10.7	
81 Bromoform	173	21.464	21.464	0.000	98	784652	10.0	8.91	
82 Isopropylbenzene	105	21.731	21.731	0.000	98	2063561	10.0	10.6	
83 1,1,2,2-Tetrachloroethane	83	22.192	22.192	0.000	98	1033341	10.0	9.31	
84 1,2,3-Trichloropropane	75	22.293	22.293	0.000	98	831984	10.0	9.51	
85 N-Propylbenzene	91	22.390	22.390	0.000	100	2513307	10.0	10.3	
86 2-Chlorotoluene	91	22.539	22.539	0.000	96	1717890	10.0	9.96	

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	22.571	22.571	0.000	98	2098457	10.0	10.4	
88 1,3,5-Trimethylbenzene	105	22.652	22.652	0.000	94	1733074	10.0	10.2	
89 n-Decane	57	22.662	22.662	0.000	91	1197126	10.0	10.3	
90 Alpha Methyl Styrene	118	22.967	22.967	0.000	90	922968	10.0	10.6	
91 tert-Butylbenzene	119	23.117	23.117	0.000	95	1717352	10.0	10.2	
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	97	1744993	10.0	10.4	
93 sec-Butylbenzene	105	23.438	23.438	0.000	99	2602639	10.0	10.3	
94 1,3-Dichlorobenzene	146	23.631	23.631	0.000	97	1253352	10.0	9.47	
95 4-Isopropyltoluene	119	23.647	23.647	0.000	98	2245581	10.0	10.4	
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	96	1260562	10.0	9.62	
97 Benzyl chloride	91	23.925	23.925	0.000	99	1501032	10.0	10.2	
98 n-Butylbenzene	91	24.251	24.251	0.000	98	2072009	10.0	10.6	
99 1,2-Dichlorobenzene	146	24.310	24.310	0.000	97	1191365	10.0	9.39	
100 Undecane	57	24.385	24.385	0.000	94	1317665	10.0	9.46	
101 Dodecane	57	26.129	26.129	0.000	98	1213382	10.0	9.26	
102 1,2,4-Trichlorobenzene	180	27.028	27.028	0.000	94	1043847	11.7	11.2	
103 Hexachlorobutadiene	225	27.301	27.301	0.000	97	1003042	11.2	9.76	
104 Naphthalene	128	27.579	27.579	0.000	100	2251010	11.9	12.7	
105 1,2,3-Trichlorobenzene	180	28.055	28.055	0.000	96	981443	11.6	10.7	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL4w_00835	Amount Added: 200.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

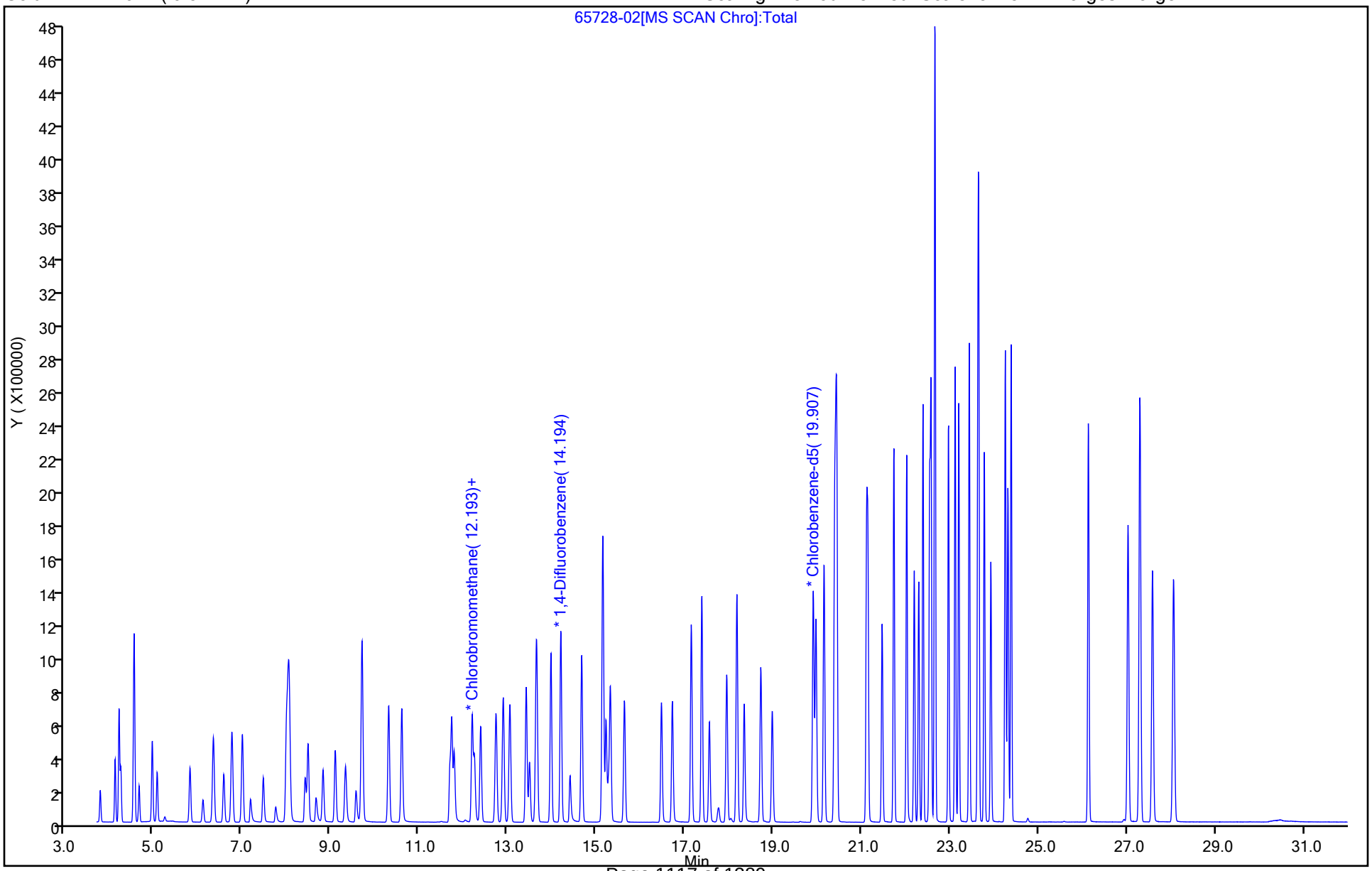
Report Date: 26-Jun-2025 11:04:08 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-02.d

Injection Date:	25-Jun-2025 08:36:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_TO3_MasterMethod_W	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\CHAM.i\20250512-65121.b\65121_001.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 12-May-2025 14:16:58 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: 200-0065121-001
Misc. Info.: bfb
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 13-May-2025 06:43:59 Calib Date: 13-May-2025 01:19:20
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_014.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1714

First Level Reviewer: BKZ7 Date: 12-May-2025 14:58:44

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		11.671				10.0	ND	
* 49 1,4-Difluorobenzene	114		13.522				10.0	ND	
* 73 Chlorobenzene-d5	117		19.027				10.0	ND	

QC Flag Legend
Processing Flags

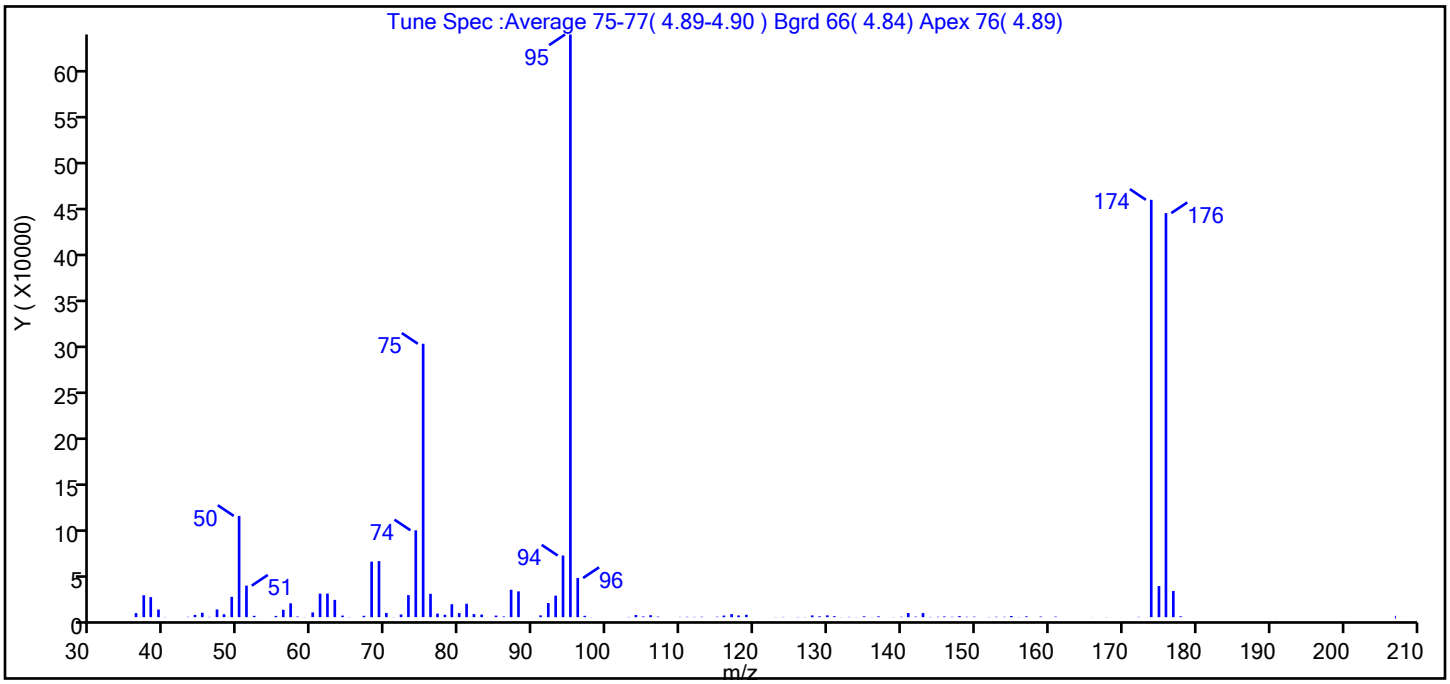
Reagents:
ATTO15AMISs_00004 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65121_001.D				
Injection Date:	12-May-2025 14:16:58	Instrument ID:	CHAM.i		
Lims ID:	bfb				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	200.0 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	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	17.4
75	30.0 to 66.0 Percent of m/e 95	46.9
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	71.6
175	4.0 to 9.0 Percent of m/e 174	5.3 (7.4)
176	93.0 to 101.0 Percent of m/e 174	69.3 (96.8)
177	5.0 to 9.0 Percent of m/e 176	4.5 (6.5)

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65121_001.D\TO15_TO3_Master_Method_A
Injection Date: 12-May-2025 14:16:58
Spectrum: Tune Spec :Average 75-77(4.89-4.90) Bgrd 66(4.84) Apex 76(4.89)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 117

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4440	70.00	4551	107.00	511	144.00	262
37.00	23816	71.00	165	110.00	260	145.00	404
38.00	21736	72.00	2887	111.00	384	146.00	747
39.00	8279	73.00	23984	112.00	266	147.00	367
40.00	210	74.00	94464	113.00	420	148.00	1132
43.00	324	75.00	297408	115.00	476	149.00	398
44.00	2448	76.00	25376	116.00	1729	150.00	525
45.00	4695	77.00	3845	117.00	3295	152.00	214
46.00	305	78.00	2568	118.00	1846	153.00	413
47.00	8391	79.00	14068	119.00	2554	154.00	374
48.00	3138	80.00	4398	123.00	165	155.00	1272
49.00	22072	81.00	14598	124.00	267	156.00	195
50.00	110112	82.00	3314	125.00	58	157.00	844
51.00	34280	83.00	2811	126.00	233	159.00	605
52.00	1442	85.00	1694	127.00	176	161.00	567
53.00	51	86.00	732	128.00	1874	166.00	75
55.00	1354	87.00	29808	129.00	854	168.00	128
56.00	8002	88.00	28016	130.00	1926	170.00	50
57.00	15004	91.00	1912	131.00	1021	172.00	307
58.00	665	92.00	15324	132.00	127	174.00	453952
59.00	128	93.00	23408	133.00	285	175.00	33808
60.00	5178	94.00	67016	134.00	164	176.00	439488
61.00	25600	95.00	633792	135.00	908	177.00	28456
62.00	25648	96.00	42584	136.00	133	178.00	847
63.00	18800	97.00	1470	137.00	856	191.00	58
64.00	1692	98.00	164	139.00	173	207.00	2
65.00	216	103.00	256	140.00	378	208.00	65
67.00	1452	104.00	2303	141.00	4437		
68.00	60400	105.00	756	142.00	549		
69.00	60920	106.00	2111	143.00	4438		

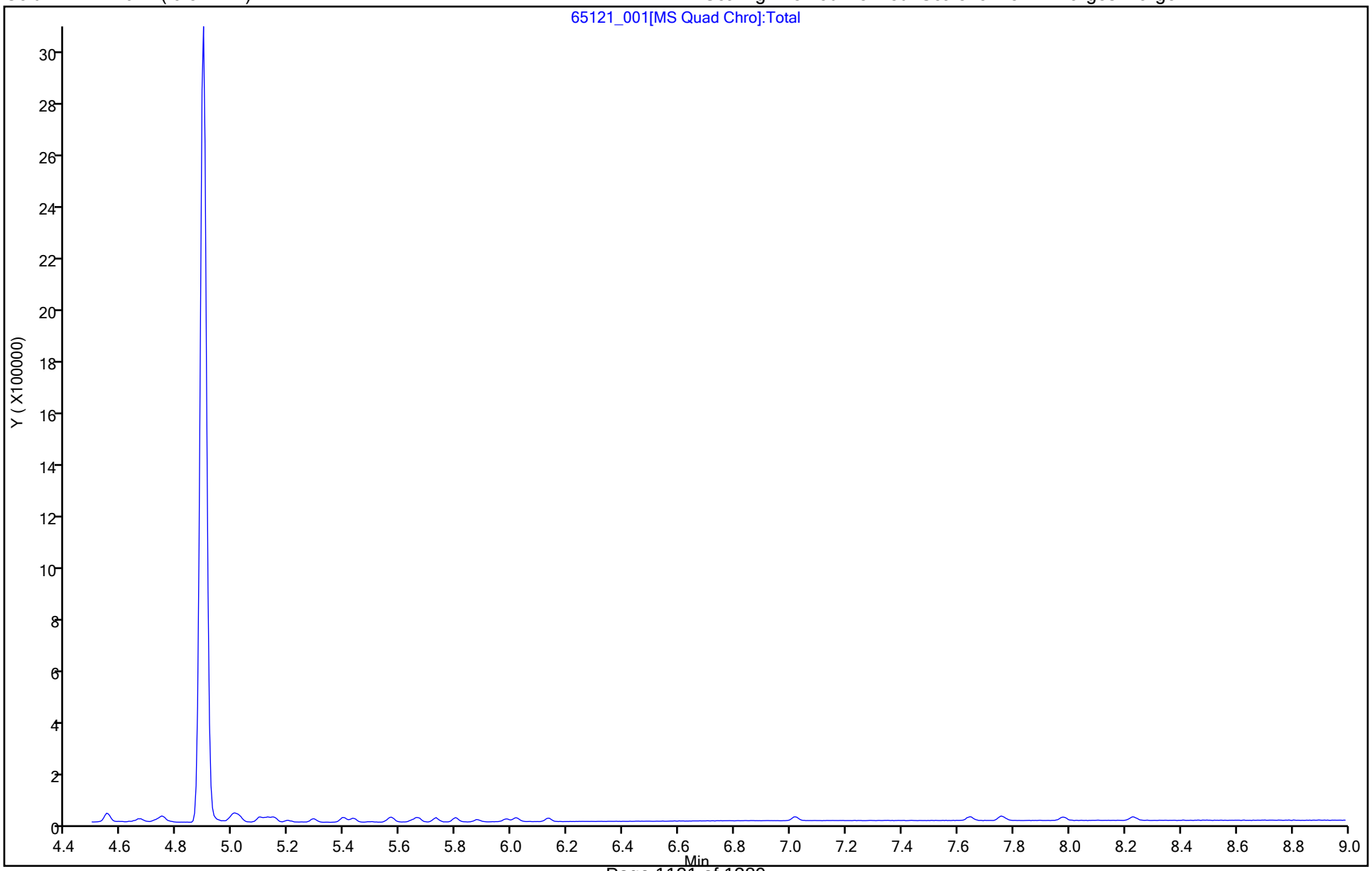
Report Date: 13-May-2025 06:43:59 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65121_001.D

Injection Date:	12-May-2025 14:16:58	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	200.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_TO3_Master_Method_AM1	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\CHAM.i\20250625-65727.b\65727_001.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 25-Jun-2025 07:18:39 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: 200-0065727-001
Misc. Info.: bfb
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jun-2025 09:33:29 Calib Date: 13-May-2025 01:19:20
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_014.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1704

First Level Reviewer: YWL8 Date: 26-Jun-2025 09:33:29

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		11.666				10.0	ND	
* 49 1,4-Difluorobenzene	114		13.523				10.0	ND	
* 73 Chlorobenzene-d5	117		19.028				10.0	ND	

QC Flag Legend
Processing Flags

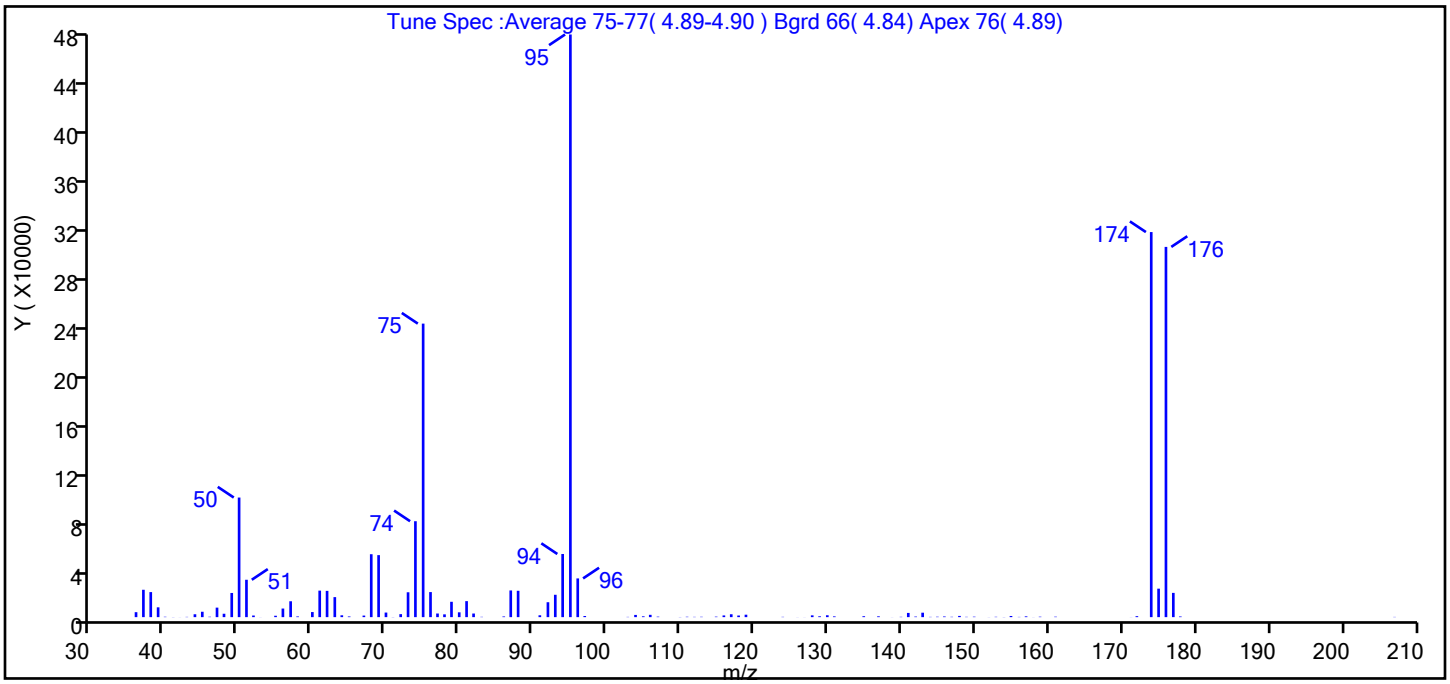
Reagents:
ATTO15AMISs_00004 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\65727_001.D
Injection Date: 25-Jun-2025 07:18:39 Instrument ID: CHAM.i
Lims ID: bfb
Client ID:
Operator ID: vtp ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AM1 Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

11 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	20.5
75	30.0 to 66.0 Percent of m/e 95	50.4
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	66.1
175	4.0 to 9.0 Percent of m/e 174	4.9 (7.4)
176	93.0 to 101.0 Percent of m/e 174	63.5 (96.1)
177	5.0 to 9.0 Percent of m/e 176	4.2 (6.6)

Report Date: 26-Jun-2025 09:33:29 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\65727_001.D\TO15_TO3_Master_Method_A
Injection Date: 25-Jun-2025 07:18:39
Spectrum: Tune Spec :Average 75-77(4.89-4.90) Bgrd 66(4.84) Apex 76(4.89)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 107

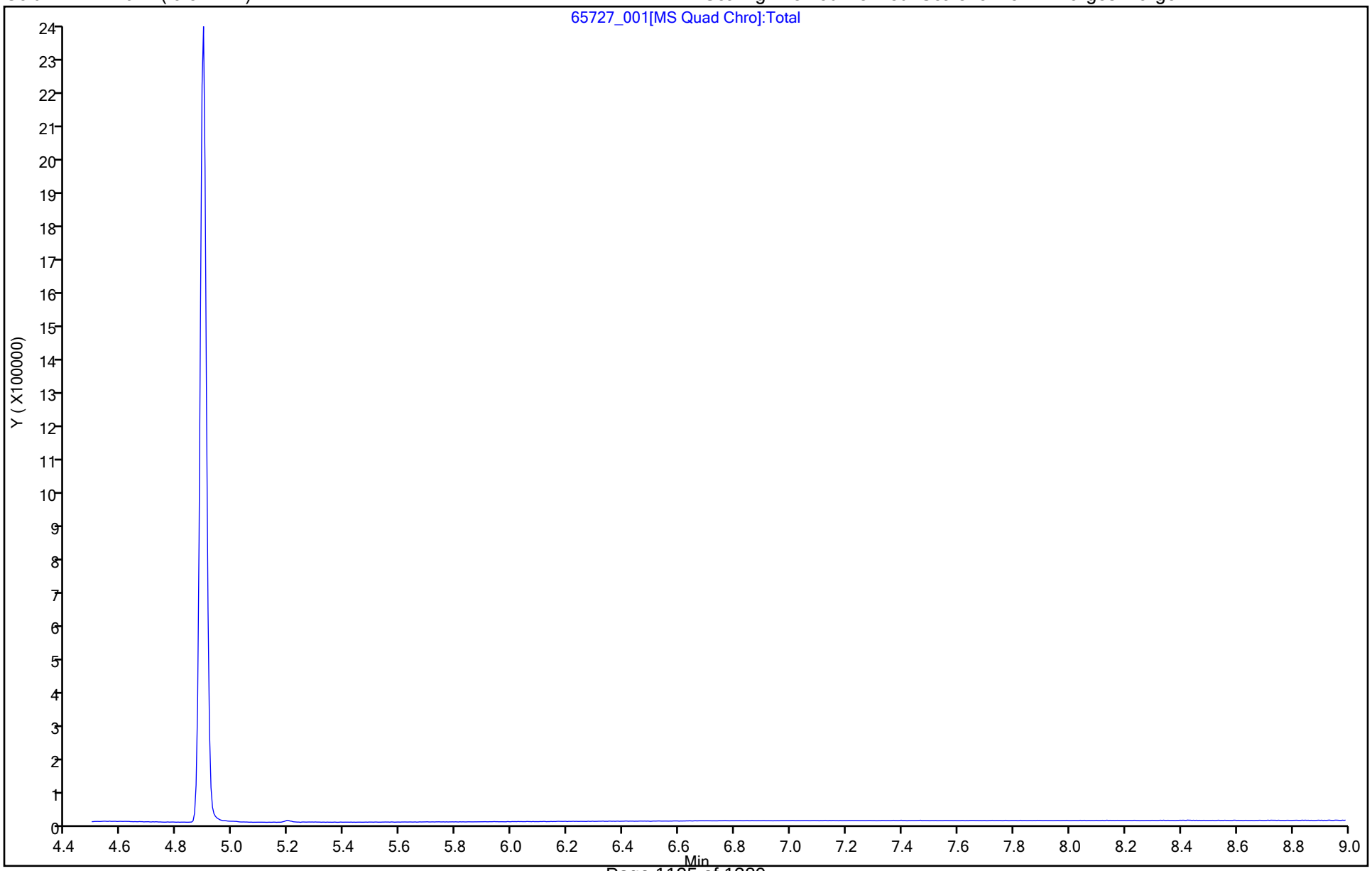
m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4052	65.00	553	97.00	914	142.00	461
37.00	22336	67.00	1275	103.00	205	143.00	3630
38.00	20440	68.00	51344	104.00	1812	144.00	213
39.00	8009	69.00	50592	105.00	666	145.00	337
40.00	312	70.00	3745	106.00	1893	146.00	529
41.00	89	71.00	113	107.00	393	147.00	276
42.00	51	72.00	2446	110.00	123	148.00	996
43.00	214	73.00	20296	111.00	320	149.00	253
44.00	2360	74.00	78264	112.00	230	150.00	370
45.00	4400	75.00	239488	113.00	295	152.00	65
46.00	322	76.00	20448	115.00	414	153.00	281
47.00	7761	77.00	2965	116.00	1391	154.00	104
48.00	2771	78.00	2276	117.00	2353	155.00	943
49.00	19728	79.00	12531	118.00	1323	156.00	193
50.00	97584	80.00	3929	119.00	1994	157.00	639
51.00	30496	81.00	13066	124.00	239	158.00	60
52.00	1326	82.00	2952	126.00	57	159.00	364
53.00	58	83.00	246	127.00	51	161.00	368
55.00	1141	86.00	549	128.00	1454	171.00	54
56.00	7014	87.00	21776	129.00	687	172.00	793
57.00	12952	88.00	21512	130.00	1532	174.00	314176
58.00	566	91.00	1514	131.00	612	175.00	23240
60.00	4149	92.00	12173	135.00	750	176.00	302080
61.00	21632	93.00	18248	137.00	661	177.00	19792
62.00	21424	94.00	51528	139.00	52	178.00	527
63.00	16337	95.00	475392	140.00	254	207.00	185
64.00	1510	96.00	31592	141.00	3444		

Report Date: 26-Jun-2025 09:33:29 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\65727_001.D				
Injection Date:	25-Jun-2025 07:18:39	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	200.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_TO3_Master_Method_AM1	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\CHW.i\20250623-65696.b\65696-01.d
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 23-Jun-2025 13:58:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: 200-0065696-001
Misc. Info.: bfb
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 24-Jun-2025 08:23:14 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: BKZ7 Date: 23-Jun-2025 14:36:59

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		12.188				10.0	ND	
* 49 1,4-Difluorobenzene	114		14.194				10.0	ND	
* 73 Chlorobenzene-d5	117		19.902				10.0	ND	

QC Flag Legend
Processing Flags

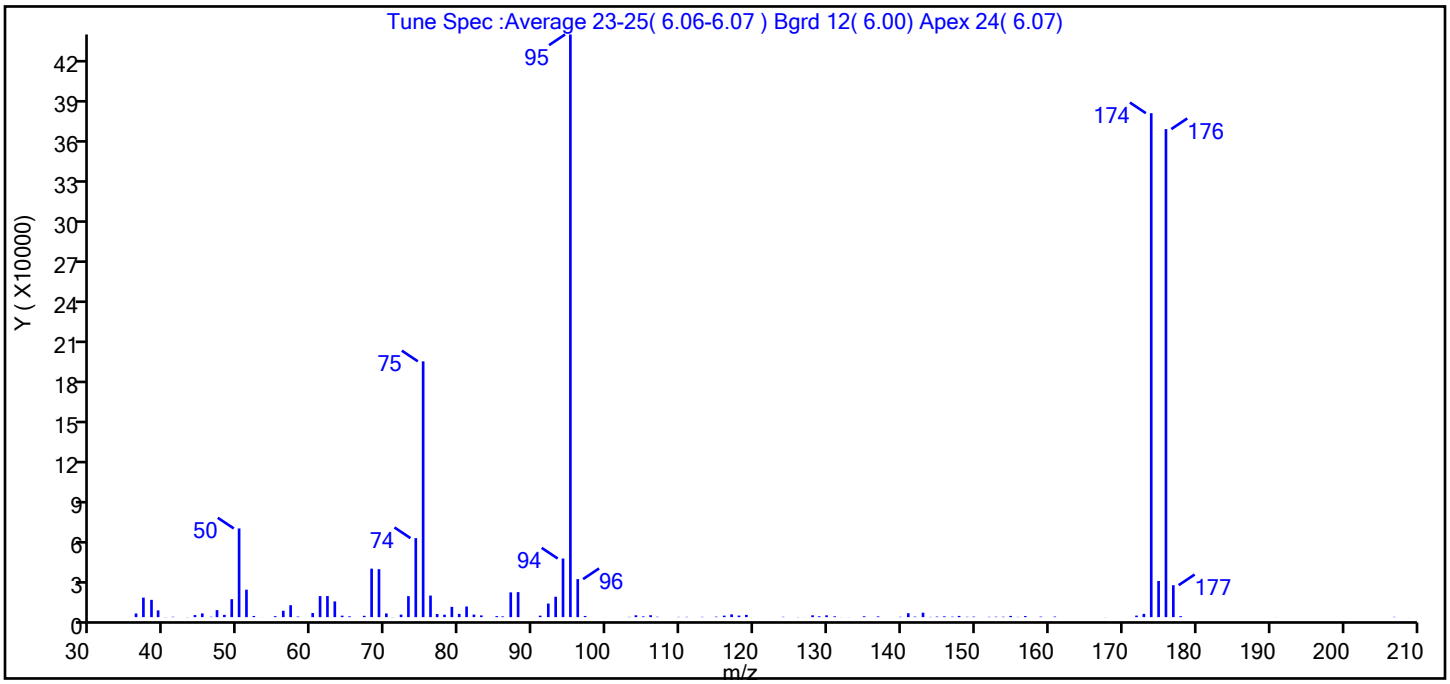
Reagents:
ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-01.d
Injection Date: 23-Jun-2025 13:58:30 Instrument ID: CHW.i
Lims ID: bfb
Client ID:
Operator ID: vtp ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W 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	15.2
75	30.0 to 66.0 Percent of m/e 95	43.9
96	5.0 to 9.0 Percent of m/e 95	6.5
173	Less than 2.0 Percent of m/e 174	0.6 (0.7)
174	50.0 to 120.0 Percent of m/e 95	86.5
175	4.0 to 9.0 Percent of m/e 174	6.2 (7.2)
176	93.0 to 101.0 Percent of m/e 174	83.8 (96.8)
177	5.0 to 9.0 Percent of m/e 176	5.5 (6.5)

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-01.d\TO15_TO3_MasterMethod_W.rslt
Injection Date: 23-Jun-2025 13:58:30
Spectrum: Tune Spec :Average 23-25(6.06-6.07) Bgrd 12(6.00) Apex 24(6.07)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 110

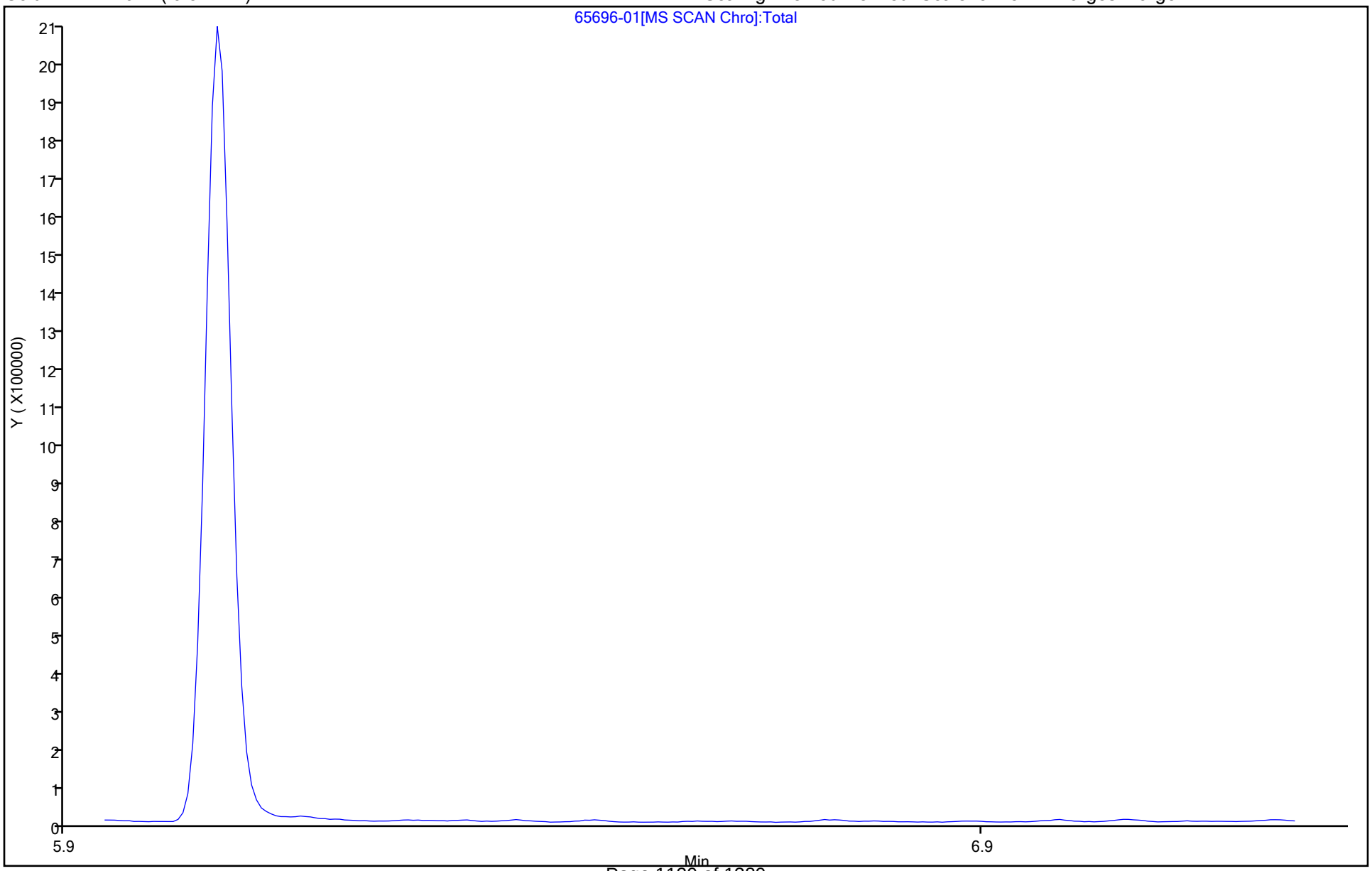
m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2736	68.00	35928	103.00	194	144.00	184
37.00	14473	69.00	35528	104.00	1368	145.00	405
38.00	12813	70.00	2731	105.00	544	146.00	582
39.00	4991	71.00	104	106.00	1429	147.00	341
40.00	94	72.00	1861	107.00	284	148.00	901
41.00	283	73.00	15561	110.00	183	149.00	253
43.00	105	74.00	58536	111.00	228	150.00	389
44.00	1530	75.00	189504	113.00	233	152.00	229
45.00	2771	76.00	15975	115.00	382	153.00	329
46.00	288	77.00	2315	116.00	1119	154.00	306
47.00	5208	78.00	1792	117.00	2058	155.00	908
48.00	1703	79.00	7611	118.00	1177	156.00	179
49.00	13314	80.00	2425	119.00	1687	157.00	795
50.00	65712	81.00	7881	124.00	257	159.00	389
51.00	20336	82.00	1899	126.00	116	161.00	437
52.00	886	83.00	1286	127.00	51	168.00	70
53.00	53	85.00	777	128.00	1352	172.00	1144
55.00	743	86.00	533	129.00	620	173.00	2441
56.00	4720	87.00	18360	130.00	1339	174.00	373312
57.00	8848	88.00	18544	131.00	617	175.00	26792
58.00	430	91.00	1106	132.00	50	176.00	361536
60.00	3084	92.00	10059	133.00	73	177.00	23672
61.00	15597	93.00	15111	135.00	638	178.00	699
62.00	15609	94.00	43424	137.00	549	191.00	58
63.00	11665	95.00	431616	140.00	243	207.00	218
64.00	1083	96.00	28184	141.00	2910	209.00	41
65.00	588	97.00	881	142.00	402		
67.00	982	100.00	31	143.00	3276		

Report Date: 24-Jun-2025 08:23:14 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-01.d				
Injection Date:	23-Jun-2025 13:58:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	200.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_TO3_MasterMethod_W	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\CHW.i\20250624-65709.b\65709-01.d
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 24-Jun-2025 09:31:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: 200-0065709-001
Misc. Info.: bfb
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 25-Jun-2025 10:03:27 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1688

First Level Reviewer: F7XK Date: 25-Jun-2025 10:03:27

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		12.188				10.0	ND	
* 49 1,4-Difluorobenzene	114		14.194				10.0	ND	
* 73 Chlorobenzene-d5	117		19.907				10.0	ND	

QC Flag Legend
Processing Flags

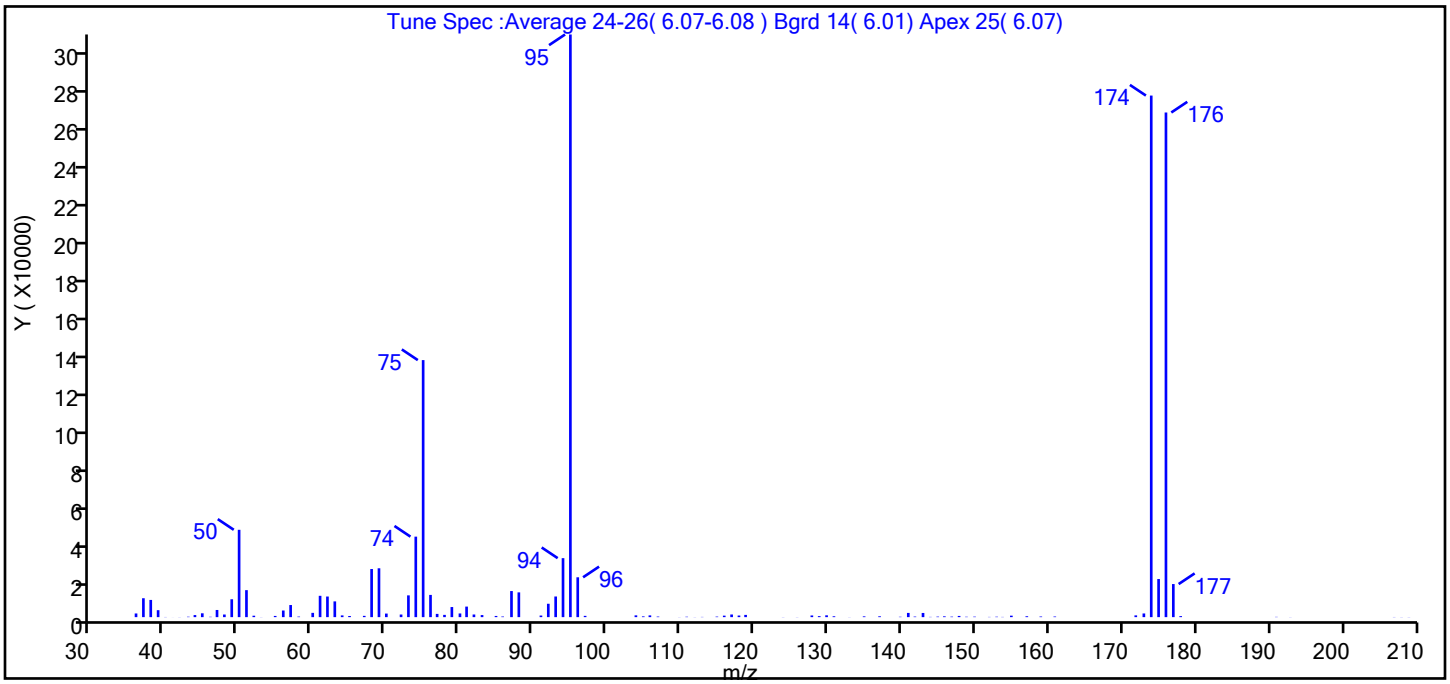
Reagents:
ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-01.d
Injection Date: 24-Jun-2025 09:31:30 Instrument ID: CHW.i
Lims ID: bfb
Client ID:
Operator ID: vtp ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W 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	15.0
75	30.0 to 66.0 Percent of m/e 95	44.1
96	5.0 to 9.0 Percent of m/e 95	6.8
173	Less than 2.0 Percent of m/e 174	0.6 (0.7)
174	50.0 to 120.0 Percent of m/e 95	89.5
175	4.0 to 9.0 Percent of m/e 174	6.5 (7.3)
176	93.0 to 101.0 Percent of m/e 174	86.6 (96.8)
177	5.0 to 9.0 Percent of m/e 176	5.7 (6.6)

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-01.d\TO15_TO3_MasterMethod_W.rslt
Injection Date: 24-Jun-2025 09:31:30
Spectrum: Tune Spec :Average 24-26(6.07-6.08) Bgrd 14(6.01) Apex 25(6.07)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 107

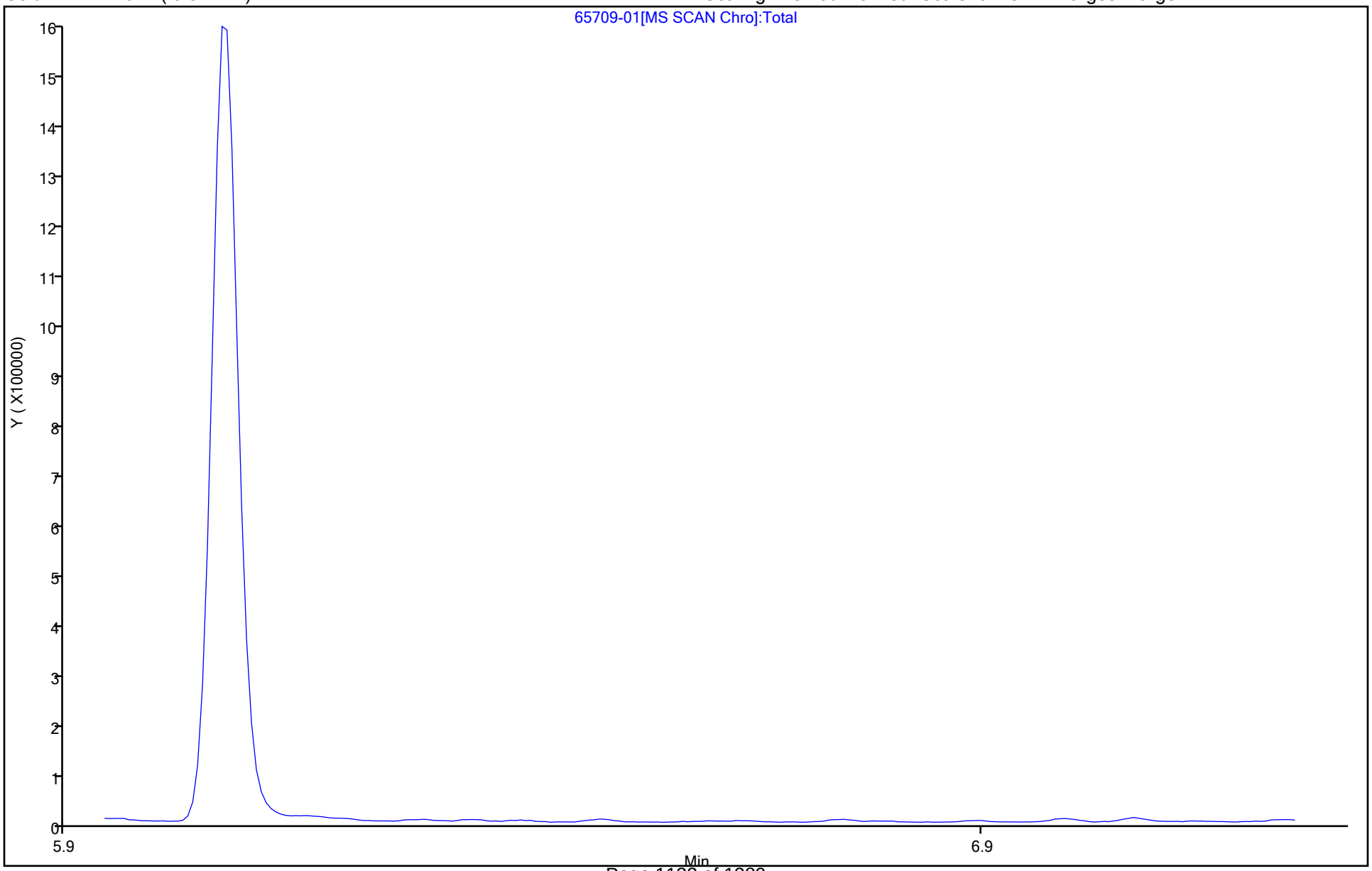
m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1946	65.00	608	97.00	680	144.00	133
37.00	10004	67.00	680	104.00	947	145.00	275
38.00	9107	68.00	25456	105.00	401	146.00	424
39.00	3681	69.00	25848	106.00	925	147.00	268
40.00	89	70.00	1892	107.00	304	148.00	638
41.00	21	72.00	1389	110.00	53	149.00	209
42.00	52	73.00	11521	111.00	216	150.00	259
43.00	224	74.00	42592	112.00	54	152.00	122
44.00	1094	75.00	136000	113.00	122	153.00	231
45.00	2036	76.00	11764	115.00	289	154.00	116
46.00	183	77.00	1721	116.00	790	155.00	781
47.00	3789	78.00	1200	117.00	1403	157.00	475
48.00	1392	79.00	5341	118.00	856	159.00	334
49.00	9464	80.00	1950	119.00	1185	161.00	328
50.00	46216	81.00	5582	124.00	61	172.00	936
51.00	14282	82.00	1404	126.00	59	173.00	1947
52.00	755	83.00	1097	128.00	883	174.00	275968
53.00	51	85.00	631	129.00	534	175.00	20160
55.00	641	86.00	332	130.00	964	176.00	267008
56.00	3517	87.00	13804	131.00	456	177.00	17504
57.00	6406	88.00	13105	133.00	53	178.00	536
58.00	292	91.00	846	135.00	406	191.00	146
60.00	2268	92.00	7083	137.00	447	193.00	52
61.00	11287	93.00	10925	140.00	196	207.00	83
62.00	10910	94.00	31208	141.00	2235	208.00	58
63.00	8335	95.00	308288	142.00	296	209.00	64
64.00	917	96.00	21088	143.00	2210		

Report Date: 25-Jun-2025 10:03:28 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-01.d				
Injection Date:	24-Jun-2025 09:31:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	200.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_TO3_MasterMethod_W	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\CHW.i\20250625-65728.b\65728-01.d
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 25-Jun-2025 07:42:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: 200-0065728-001
Misc. Info.: bfb
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jun-2025 11:01:35 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1704

First Level Reviewer: YWL8 Date: 26-Jun-2025 11:01:35

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		12.188				10.0	ND	
* 49 1,4-Difluorobenzene	114		14.194				10.0	ND	
* 73 Chlorobenzene-d5	117		19.907				10.0	ND	

QC Flag Legend
Processing Flags

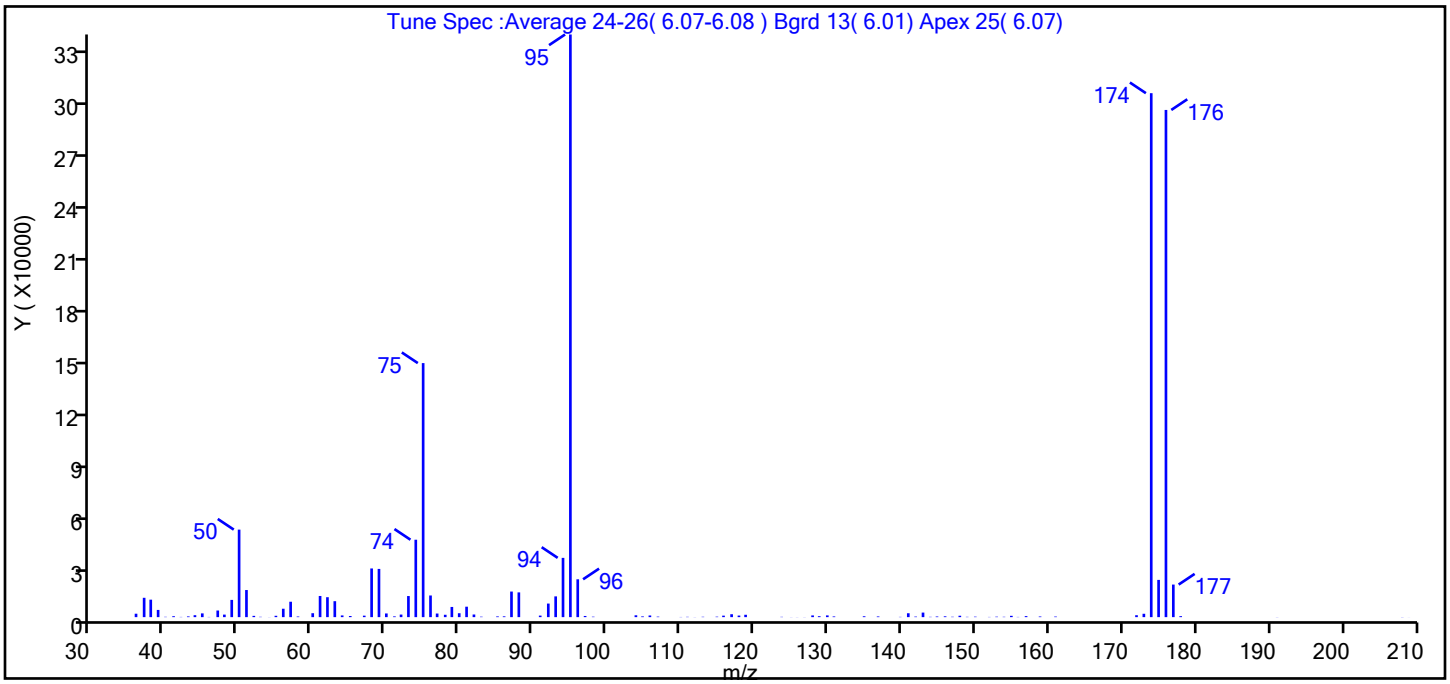
Reagents:
ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-01.d
Injection Date: 25-Jun-2025 07:42:30 Instrument ID: CHW.i
Lims ID: bfb
Client ID:
Operator ID: vtp ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W 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	15.0
75	30.0 to 66.0 Percent of m/e 95	43.6
96	5.0 to 9.0 Percent of m/e 95	6.5
173	Less than 2.0 Percent of m/e 174	0.6 (0.6)
174	50.0 to 120.0 Percent of m/e 95	89.9
175	4.0 to 9.0 Percent of m/e 174	6.4 (7.1)
176	93.0 to 101.0 Percent of m/e 174	87.0 (96.8)
177	5.0 to 9.0 Percent of m/e 176	5.6 (6.4)

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-01.d\TO15_TO3_MasterMethod_W.rslt
Injection Date: 25-Jun-2025 07:42:30
Spectrum: Tune Spec :Average 24-26(6.07-6.08) Bgrd 13(6.01) Apex 25(6.07)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 110

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1961	65.00	641	97.00	671	143.00	2611
37.00	11072	67.00	847	98.00	258	144.00	176
38.00	10003	68.00	27864	104.00	1063	145.00	373
39.00	4131	69.00	27600	105.00	423	146.00	471
40.00	186	70.00	2110	106.00	946	147.00	217
41.00	530	71.00	436	107.00	295	148.00	801
42.00	127	72.00	1477	110.00	103	149.00	175
43.00	412	73.00	12078	111.00	180	150.00	272
44.00	1113	74.00	44312	112.00	57	152.00	119
45.00	2151	75.00	145408	113.00	210	153.00	267
46.00	113	76.00	12398	115.00	275	154.00	201
47.00	3793	77.00	2068	116.00	854	155.00	758
48.00	1454	78.00	1358	117.00	1671	156.00	123
49.00	9870	79.00	5832	118.00	907	157.00	589
50.00	50096	80.00	2239	119.00	1356	159.00	371
51.00	15519	81.00	5979	124.00	174	161.00	332
52.00	733	82.00	1518	125.00	50	172.00	1105
53.00	186	83.00	258	126.00	50	173.00	1929
54.00	53	85.00	416	127.00	57	174.00	299904
55.00	777	86.00	450	128.00	980	175.00	21320
56.00	4815	87.00	14645	129.00	536	176.00	290304
57.00	8819	88.00	14170	130.00	993	177.00	18648
58.00	367	91.00	879	131.00	402	178.00	559
60.00	2254	92.00	7773	135.00	495	191.00	62
61.00	12113	93.00	11886	137.00	394	208.00	77
62.00	11412	94.00	33928	140.00	149	209.00	27
63.00	9132	95.00	333504	141.00	2229		
64.00	977	96.00	21664	142.00	313		

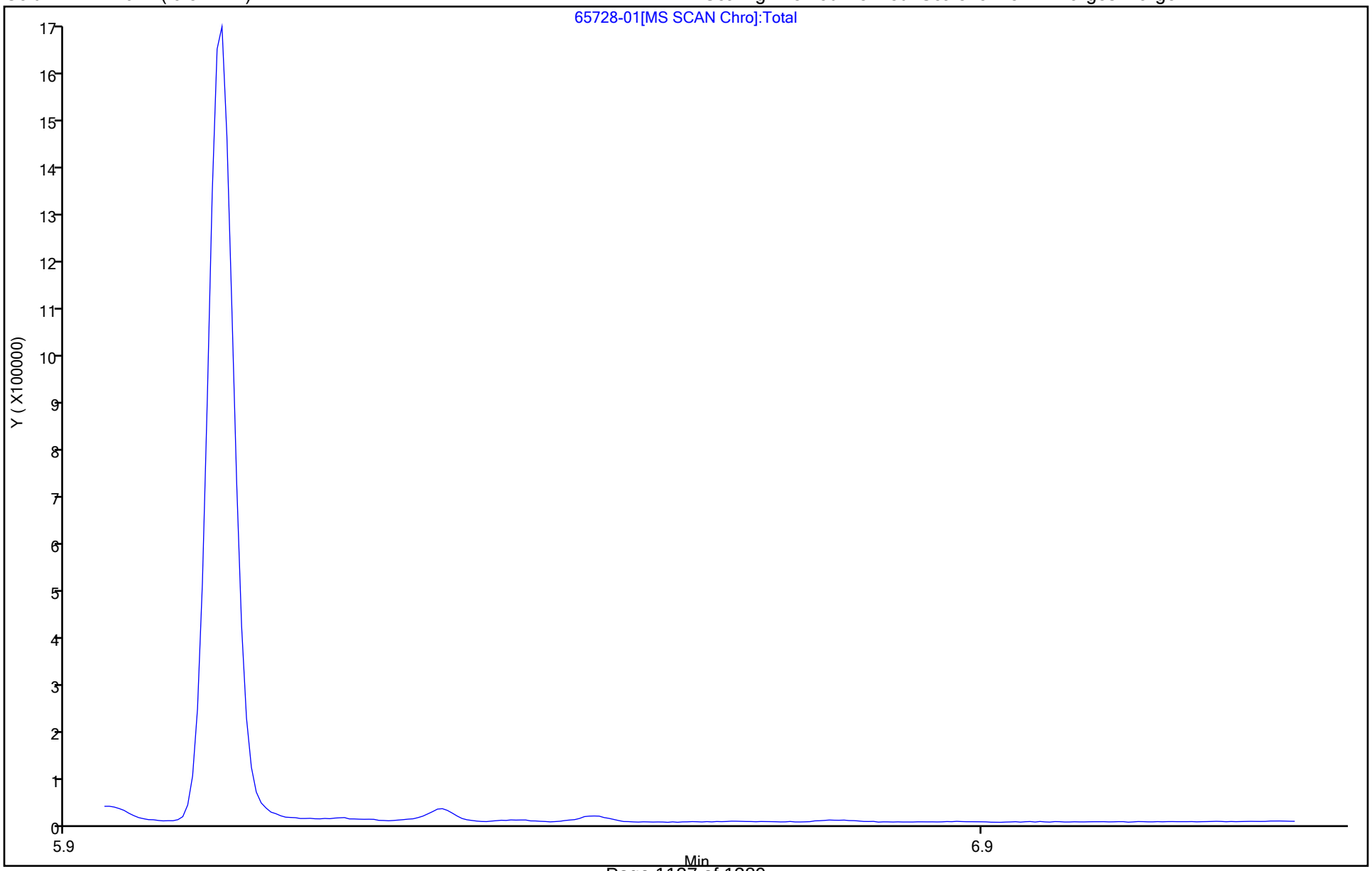
Report Date: 26-Jun-2025 11:01:35 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-01.d

Injection Date:	25-Jun-2025 07:42:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	200.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_TO3_MasterMethod_W	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.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-217778/5

Matrix: Air Lab File ID: 65709-05.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/24/2025 13:45

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 217778 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	1.1
75-45-6	Chlorodifluoromethane	86.47	1.8	U	1.8	1.3
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.53
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.68
106-97-8	n-Butane	58.12	1.2	U	1.2	0.74
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.074
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.088
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.24
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.42
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.21
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.43
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.44
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.14
67-64-1	Acetone	58.08	12	U	12	4.5
67-63-0	Isopropyl alcohol	60.10	12	U	12	5.4
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.56
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.25
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.66
75-65-0	tert-Butyl alcohol	74.12	15	U	15	4.9
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.24
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.079
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.56
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.073
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	0.41
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.13
67-66-3	Chloroform	119.38	0.98	U	0.98	0.29
109-99-9	Tetrahydrofuran	72.11	15	U	15	5.0
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.40
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.18
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.15

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-217778/5

Matrix: Air Lab File ID: 65709-05.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/24/2025 13:45

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 217778 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.33
71-43-2	Benzene	78.11	0.64	U	0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.30
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.35
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.16
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.53
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.25
123-91-1	1,4-Dioxane	88.11	18	U	18	0.68
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.39
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.78
108-88-3	Toluene	92.14	0.75	U	0.75	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.28
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.29
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.24
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.45
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.22
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.22
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.061
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.30
100-42-5	Styrene	104.15	0.85	U	0.85	0.24
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.98	U	0.98	0.35
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.42
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.30
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.33
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.33
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.30

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-217778/5

Matrix: Air Lab File ID: 65709-05.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/24/2025 13:45

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 217778 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.38
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.40
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.40
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.43
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.38
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.42
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.38
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	2.2
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.83
91-20-3	Naphthalene	128.17	2.0	U	2.0	0.58

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-217778/5

Matrix: Air Lab File ID: 65709-05.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/24/2025 13:45

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 217778 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.22
75-45-6	Chlorodifluoromethane	86.47	0.50	U	0.50	0.36
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.076
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.33
106-97-8	n-Butane	58.12	0.50	U	0.50	0.31
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.029
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.040
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.062
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.048
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.077
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.057
75-35-4	1,1-Dichloroethene	96.94	0.050	U	0.050	0.035
67-64-1	Acetone	58.08	5.0	U	5.0	1.9
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	2.2
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.18
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.081
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.19
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.6
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.066
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.020
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.16
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.018
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.14
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.032
67-66-3	Chloroform	119.38	0.20	U	0.20	0.059
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.7
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.073
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.052
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.024

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-217778/5

Matrix: Air Lab File ID: 65709-05.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/24/2025 13:45

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 217778 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.071
71-43-2	Benzene	78.11	0.20	U	0.20	0.051
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.074
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.086
79-01-6	Trichloroethene	131.39	0.037	U	0.037	0.029
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.13
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.055
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.19
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.058
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.056
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.19
108-88-3	Toluene	92.14	0.20	U	0.20	0.054
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.062
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.053
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.036
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.053
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.045
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.047
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.051
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.014
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.069
100-42-5	Styrene	104.15	0.20	U	0.20	0.056
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	0.20	U	0.20	0.072
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.061
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.062
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.068
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.068
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.058

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-217778/5

Matrix: Air Lab File ID: 65709-05.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/24/2025 13:45

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 217778 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.070
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.082
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.072
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.078
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.063
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.070
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.074
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.070
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	0.30
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.078
91-20-3	Naphthalene	128.17	0.38	U	0.38	0.11

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-05.d
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 24-Jun-2025 13:45:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065709-005
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 25-Jun-2025 10:09:12 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1688

First Level Reviewer: F7XK Date: 25-Jun-2025 10:09:12

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		4.110					ND	
2 Dichlorodifluoromethane	85		4.201					ND	
3 Chlorodifluoromethane	51		4.238					ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.538					ND	
5 Chloromethane	50		4.650					ND	
6 Vinyl chloride	62		4.949					ND	
7 Butane	43		4.949					ND	7
8 Butadiene	54		5.062					ND	
9 Bromomethane	94		5.805					ND	
10 Chloroethane	64		6.100					ND	
12 2-Methylbutane	43		6.335					ND	
13 Vinyl bromide	106		6.570					ND	
14 Trichlorofluoromethane	101		6.752					ND	
15 Pentane	43		6.988					ND	
16 Ethanol	45		7.170					ND	
18 Ethyl ether	59		7.458					ND	
19 Acrolein	56		7.742					ND	
20 1,1-Dichloroethene	96		7.988					ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.031					ND	
22 Acetone	43		8.063					ND	
23 Isopropyl alcohol	45		8.405					ND	
24 Carbon disulfide	76	8.475	8.475	0.000	85	786		0.008672	7M
25 Acetonitrile	41		8.657					ND	
26 3-Chloro-1-propene	41		8.812					ND	
27 Methylene Chloride	49	9.101	9.090	0.011	90	2140		0.0645	
28 2-Methyl-2-propanol	59		9.320					ND	
29 Acrylonitrile	53		9.561					ND	
31 Methyl tert-butyl ether	73		9.695					ND	
30 trans-1,2-Dichloroethene	61		9.695					ND	
S 35 1,2-Dichloroethene, Total	61		10.200					ND	7
32 Hexane	57		10.299					ND	
33 1,1-Dichloroethane	63		10.593					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43		10.599					ND	
36 2-Butanone (MEK)	72		11.685					ND	
37 cis-1,2-Dichloroethene	96		11.728					ND	
38 Ethyl acetate	88		11.781					ND	
* 39 Chlorobromomethane	128	12.193	12.188	0.005	86	252301	10.0	10.0	
40 Tetrahydrofuran	42		12.236					ND	
41 Chloroform	83		12.380					ND	
42 1,1,1-Trichloroethane	97		12.728					ND	
43 Cyclohexane	84		12.894					ND	
44 Carbon tetrachloride	117		13.044					ND	
45 Benzene	78		13.413					ND	7
46 1,2-Dichloroethane	62		13.488					ND	
47 Isooctane	57		13.643					ND	
48 n-Heptane	43		13.969					ND	
* 49 1,4-Difluorobenzene	114	14.199	14.194	0.005	93	1258846	10.0	10.0	
50 n-Butanol	56		14.402					ND	7
A 52 GRO	1	14.499	(6.325-22.672)		0	4398035		0	
51 Trichloroethene	95		14.665					ND	
53 1,2-Dichloropropane	63		15.146					ND	
54 Methyl methacrylate	69		15.216					ND	
55 1,4-Dioxane	88		15.274					ND	
57 Dibromomethane	174		15.317					ND	7
58 Dichlorobromomethane	83		15.633					ND	
A 60 TVOC as Toluene	1	16.085	(4.100-28.070)		0	4501928		0	
59 cis-1,3-Dichloropropene	75		16.473					ND	
61 4-Methyl-2-pentanone (MIBK)	43		16.719					ND	
62 Toluene	92		17.147					ND	
A 63 Toluene Range	1	17.147	(17.072-17.222)		0	22206		NC	
64 n-Octane	43		17.382					ND	
A 65 C8 Range	1	17.409	(17.307-17.511)		0	5566		NC	
66 trans-1,3-Dichloropropene	75		17.553					ND	
67 1,1,2-Trichloroethane	83		17.949					ND	
68 Tetrachloroethene	166		18.179					ND	
69 2-Hexanone	43		18.340					ND	
70 Chlorodibromomethane	129		18.720					ND	
71 Ethylene Dibromide	107		18.976					ND	
* 73 Chlorobenzene-d5	117	19.907	19.907	0.000	84	1176461	10.0	10.0	
74 Chlorobenzene	112		19.966					ND	
S 80 Xylenes, Total	106		20.100					ND	7
75 Ethylbenzene	91		20.148					ND	MU
76 m-Xylene & p-Xylene	106		20.405					ND	
77 n-Nonane	57		20.437					ND	
78 o-Xylene	106		21.111					ND	
79 Styrene	104		21.143					ND	
81 Bromoform	173		21.464					ND	
82 Isopropylbenzene	105		21.732					ND	
83 1,1,2,2-Tetrachloroethane	83		22.192					ND	7
84 1,2,3-Trichloropropane	75		22.293					ND	
85 N-Propylbenzene	91		22.390					ND	
86 2-Chlorotoluene	91		22.539					ND	
87 4-Ethyltoluene	105		22.571					ND	
88 1,3,5-Trimethylbenzene	105		22.652					ND	

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		22.662					ND	
90 Alpha Methyl Styrene	118		22.967					ND	
91 tert-Butylbenzene	119		23.117					ND	
92 1,2,4-Trimethylbenzene	105		23.197					ND	
93 sec-Butylbenzene	105		23.438					ND	
94 1,3-Dichlorobenzene	146		23.631					ND	7
95 4-Isopropyltoluene	119		23.652					ND	
96 1,4-Dichlorobenzene	146		23.775					ND	7
97 Benzyl chloride	91		23.925					ND	
98 n-Butylbenzene	91		24.251					ND	
99 1,2-Dichlorobenzene	146		24.310					ND	7
100 Undecane	57		24.385					ND	
101 Dodecane	57		26.129					ND	
102 1,2,4-Trichlorobenzene	180		27.028					ND	
103 Hexachlorobutadiene	225		27.295					ND	
104 Naphthalene	128		27.579					ND	7
105 1,2,3-Trichlorobenzene	180		28.060					ND	
109 Chlorotrifluoroethene TIC	1		0.000					ND	
110 Difluoroethane TIC	1		0.000					ND	
111 Total Alkanes TIC	1		0.000					ND	
112 Freon 115 TIC	1		0.000					ND	
113 1,1,1-Trifluoro-2,2-dichloroetha	1		0.000					ND	
114 Methylcyclohexane	83		0.000					ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- 7 - Failed Limit of Detection

Review Flags
- M - Manually Integrated
- U - Marked Undetected

Reagents:

ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

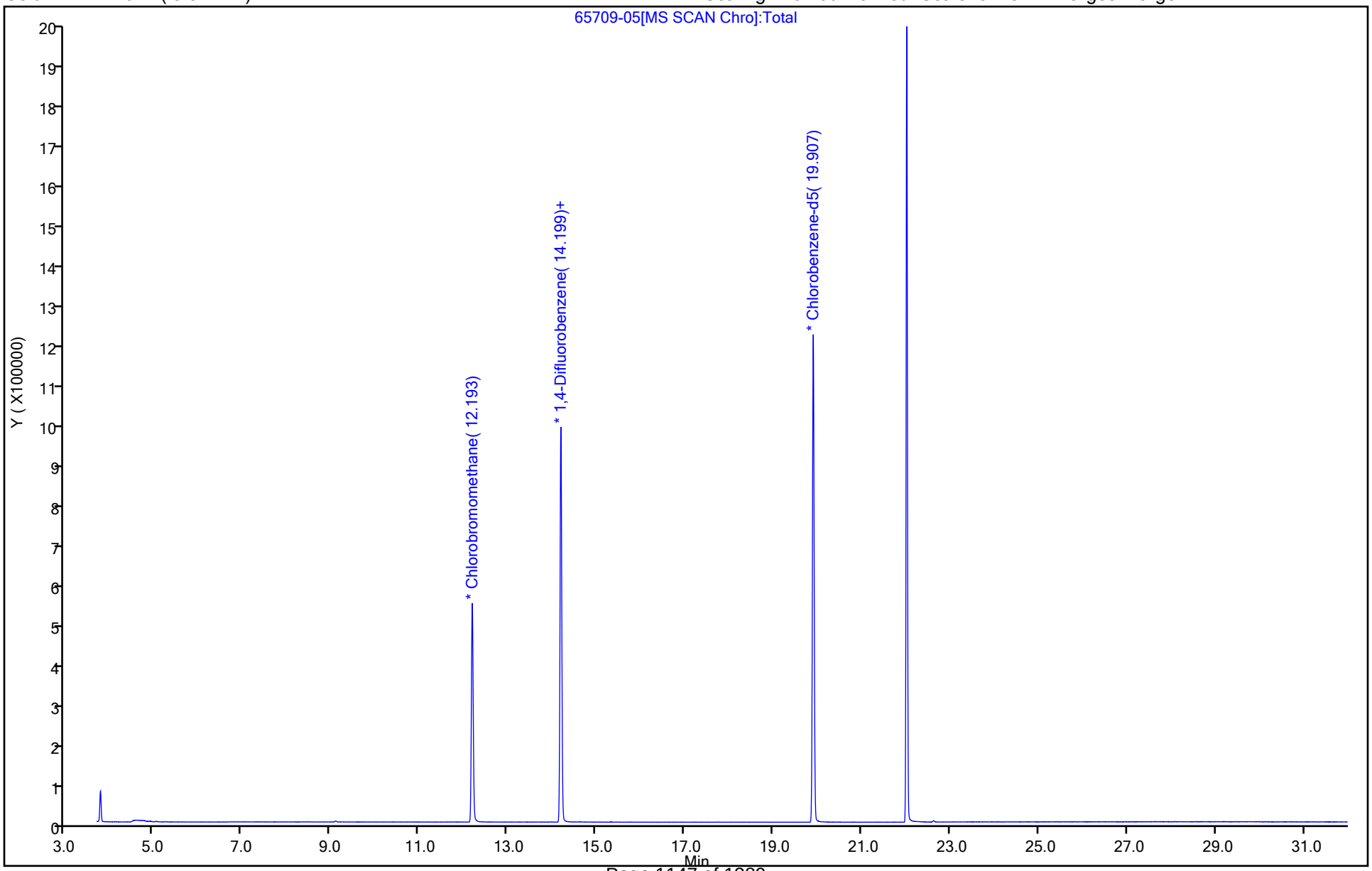
Report Date: 25-Jun-2025 10:09:12 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-05.d

Injection Date:	24-Jun-2025 13:45:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	mb			Worklist Smp#:	5
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

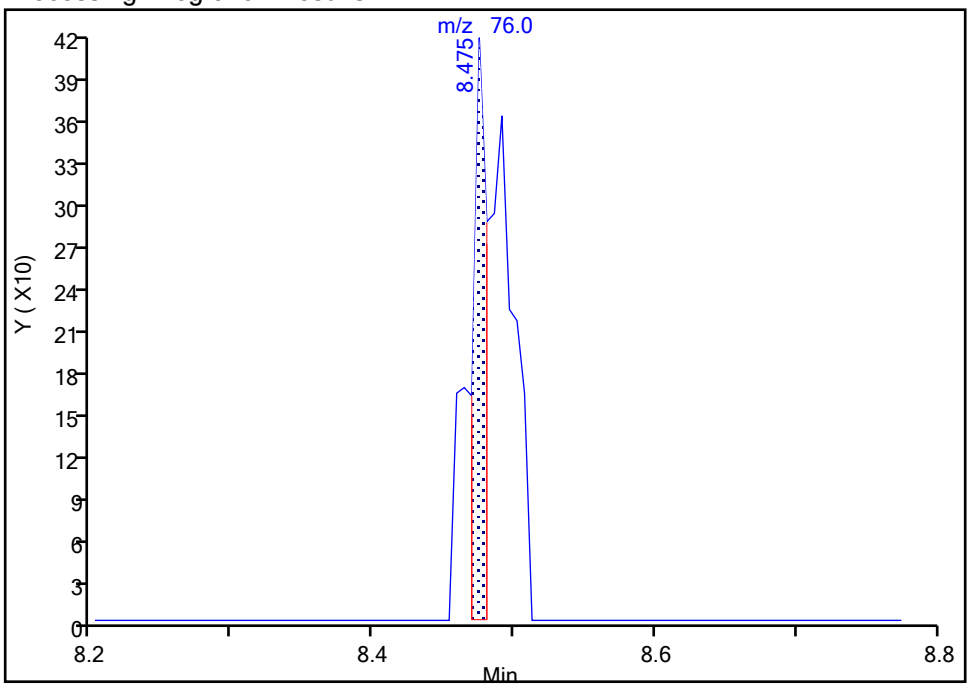
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-05.d
Injection Date: 24-Jun-2025 13:45:30 Instrument ID: CHW.i
Lims ID: mb
Client ID:
Operator ID: vtp ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

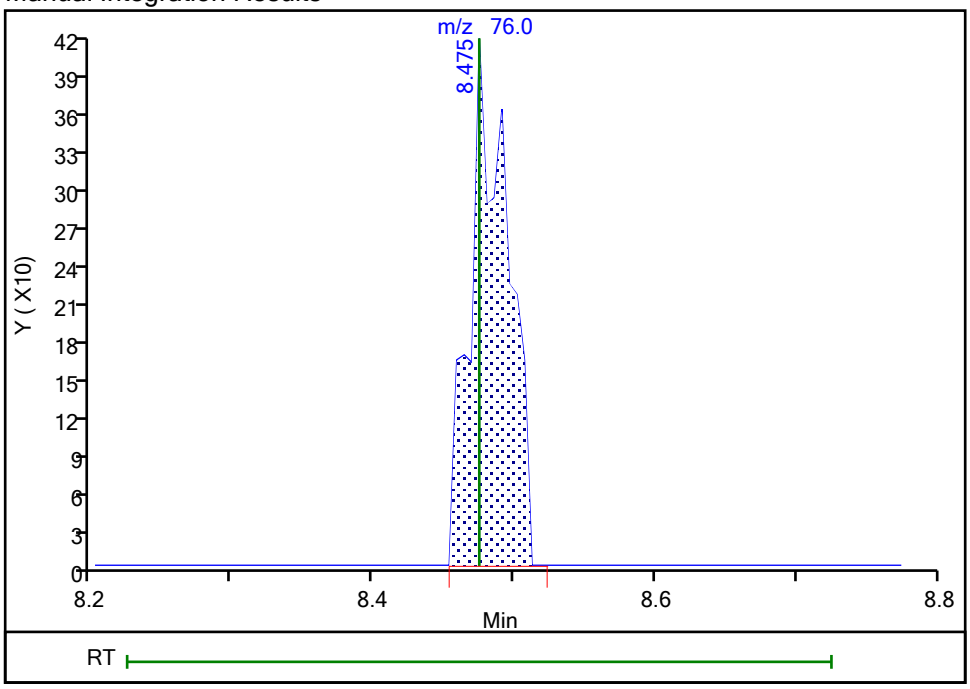
Processing Integration Results

RT: 8.47
Area: 278
Amount: 0.003067
Amount Units: ppb v/v



Manual Integration Results

RT: 8.47
Area: 786
Amount: 0.008672
Amount Units: ppb v/v



Reviewer: F7XK, 25-Jun-2025 10:07:49 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

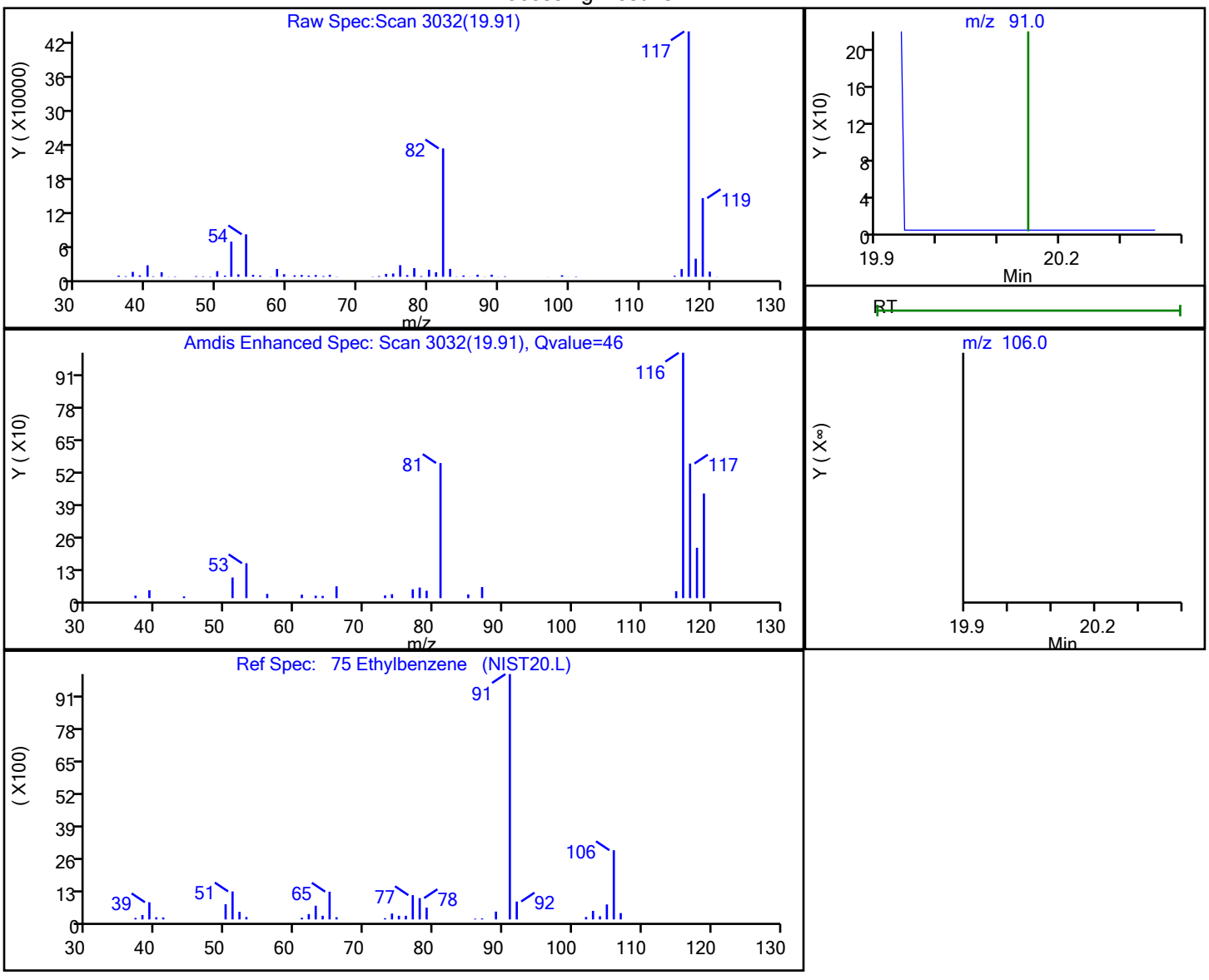
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-05.d				
Injection Date:	24-Jun-2025 13:45:30	Instrument ID:	CHW.i		
Lims ID:	mb				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
19.91	91.00	2194	0.013763
20.15	106.00	0	

Reviewer: F7XK, 25-Jun-2025 10:08:37 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.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-217811/6

Matrix: Air Lab File ID: 65727_006.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/25/2025 11:35

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.: 217811 Units: ug/m3

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	1.1
75-45-6	Chlorodifluoromethane	86.47	1.8	U	1.8	1.3
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.53
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.68
106-97-8	n-Butane	58.12	1.2	U	1.2	0.74
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.074
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.088
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.24
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.42
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.21
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.43
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.44
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.14
67-64-1	Acetone	58.08	12	U	12	4.5
67-63-0	Isopropyl alcohol	60.10	12	U	12	5.4
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.56
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.25
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.66
75-65-0	tert-Butyl alcohol	74.12	15	U	15	4.9
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.24
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.079
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.56
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.073
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	0.41
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.13
67-66-3	Chloroform	119.38	0.98	U	0.98	0.29
109-99-9	Tetrahydrofuran	72.11	15	U	15	5.0
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.40
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.18
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.15

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-217811/6

Matrix: Air Lab File ID: 65727_006.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/25/2025 11:35

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.: 217811 Units: ug/m3

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.33
71-43-2	Benzene	78.11	0.64	U	0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.30
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.35
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.16
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.53
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.25
123-91-1	1,4-Dioxane	88.11	18	U	18	0.68
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.39
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.78
108-88-3	Toluene	92.14	0.75	U	0.75	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.28
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.29
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.24
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.45
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.22
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.22
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.061
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.30
100-42-5	Styrene	104.15	0.85	U	0.85	0.24
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.98	U	0.98	0.35
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.42
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.30
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.33
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.33
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.30

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-217811/6

Matrix: Air Lab File ID: 65727_006.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/25/2025 11:35

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.: 217811 Units: ug/m3

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.38
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.40
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.40
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.43
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.38
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.42
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.38
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	2.2
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.83
91-20-3	Naphthalene	128.17	2.0	U	2.0	0.58

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

Lab Name: Eurofins Burlington | Job No.: 200-78438-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-217811/6

Matrix: Air | Lab File ID: 65727_006.D

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 06/25/2025 11:35

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.: 217811 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.22
75-45-6	Chlorodifluoromethane	86.47	0.50	U	0.50	0.36
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.076
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.33
106-97-8	n-Butane	58.12	0.50	U	0.50	0.31
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.029
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.040
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.062
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.048
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.077
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.057
75-35-4	1,1-Dichloroethene	96.94	0.050	U	0.050	0.035
67-64-1	Acetone	58.08	5.0	U	5.0	1.9
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	2.2
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.18
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.081
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.19
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.6
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.066
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.020
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.16
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.018
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.14
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.032
67-66-3	Chloroform	119.38	0.20	U	0.20	0.059
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.7
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.073
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.052
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.024

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-217811/6

Matrix: Air Lab File ID: 65727_006.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/25/2025 11:35

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.: 217811 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.071
71-43-2	Benzene	78.11	0.20	U	0.20	0.051
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.074
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.086
79-01-6	Trichloroethene	131.39	0.037	U	0.037	0.029
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.13
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.055
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.19
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.058
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.056
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.19
108-88-3	Toluene	92.14	0.20	U	0.20	0.054
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.062
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.053
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.036
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.053
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.045
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.047
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.051
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.014
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.069
100-42-5	Styrene	104.15	0.20	U	0.20	0.056
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	0.20	U	0.20	0.072
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.061
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.062
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.068
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.068
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.058

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-217811/6

Matrix: Air Lab File ID: 65727_006.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/25/2025 11:35

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.: 217811 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.070
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.082
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.072
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.078
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.063
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.070
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.074
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.070
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	0.30
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.078
91-20-3	Naphthalene	128.17	0.38	U	0.38	0.11

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\65727_006.D
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 25-Jun-2025 11:35:22 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065727-006
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jun-2025 09:42:25 Calib Date: 13-May-2025 01:19:20
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_014.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1704

First Level Reviewer: YWL8 Date: 26-Jun-2025 09:42:25

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		4.273					ND	7
2 Dichlorodifluoromethane	85		4.369					ND	
3 Chlorodifluoromethane	51		4.417					ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.744					ND	
5 Chloromethane	50		4.867					ND	7
7 Butane	43		5.172					ND	7
6 Vinyl chloride	62		5.172					ND	
8 Butadiene	54		5.289					ND	
9 Bromomethane	94		6.038					ND	
10 Chloroethane	64		6.317					ND	
12 2-Methylbutane	43		6.531					ND	
13 Vinyl bromide	106		6.750					ND	
14 Trichlorofluoromethane	101		6.910					ND	
15 Pentane	43		7.119					ND	
16 Ethanol	45		7.312					ND	
18 Ethyl ether	59		7.536					ND	
19 Acrolein	56		7.804					ND	
20 1,1-Dichloroethene	96		7.996					ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.034					ND	
22 Acetone	43		8.082					ND	7
23 Isopropyl alcohol	45		8.382					ND	
24 Carbon disulfide	76		8.403					ND	
25 Acetonitrile	41		8.612					ND	
26 3-Chloro-1-propene	41		8.708					ND	
27 Methylene Chloride	49		8.949					ND	7
28 2-Methyl-2-propanol	59		9.157					ND	
29 Acrylonitrile	53		9.371					ND	
31 Methyl tert-butyl ether	73		9.446					ND	
30 trans-1,2-Dichloroethene	61		9.452					ND	
32 Hexane	57		9.960					ND	
S 35 1,2-Dichloroethene, Total	61		10.200					ND	7
33 1,1-Dichloroethane	63		10.233					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43		10.238					ND	
36 2-Butanone (MEK)	72		11.222					ND	
37 cis-1,2-Dichloroethene	96		11.249					ND	
38 Ethyl acetate	88		11.297					ND	
* 39 Chlorobromomethane	128	11.666	11.666	0.000	98	259873	10.0	10.0	
40 Tetrahydrofuran	42		11.698					ND	
41 Chloroform	83		11.848					ND	
42 1,1,1-Trichloroethane	97		12.148					ND	
43 Cyclohexane	84		12.276					ND	
44 Carbon tetrachloride	117		12.421					ND	
45 Benzene	78		12.779					ND	
46 1,2-Dichloroethane	62		12.865					ND	
47 Isooctane	57		12.982					ND	
48 n-Heptane	43		13.293					ND	7
* 49 1,4-Difluorobenzene	114	13.522	13.523	-0.001	96	1247981	10.0	10.0	
50 n-Butanol	56		13.758					ND	MU
51 Trichloroethene	95		13.956					ND	
A 52 GRO	1	14.253	(6.521-21.985)		0	3945520		0	
53 1,2-Dichloropropane	63		14.421					ND	
54 Methyl methacrylate	69		14.502					ND	
55 1,4-Dioxane	88		14.544					ND	7
57 Dibromomethane	174		14.582					ND	7
58 Dichlorobromomethane	83		14.898					ND	
A 60 TVOC as Toluene	1	15.633	(4.263-27.003)		0	4048765		0	
59 cis-1,3-Dichloropropene	75		15.700					ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.957					ND	
62 Toluene	92		16.331					ND	
A 63 Toluene Range	1	16.342	(16.262-16.422)		0	5471		NC	
64 n-Octane	43		16.567					ND	
A 65 C8 Range	1	16.577	(16.497-16.658)		0	4496		NC	
66 trans-1,3-Dichloropropene	75		16.759					ND	
67 1,1,2-Trichloroethane	83		17.139					ND	
68 Tetrachloroethene	166		17.321					ND	
69 2-Hexanone	43		17.540					ND	
70 Chlorodibromomethane	129		17.877					ND	
71 Ethylene Dibromide	107		18.113					ND	
* 73 Chlorobenzene-d5	117	19.027	19.028	-0.001	90	1103920	10.0	10.0	
74 Chlorobenzene	112		19.081					ND	
75 Ethylbenzene	91		19.268					ND	MU
76 m-Xylene & p-Xylene	106		19.530					ND	
77 n-Nonane	57		19.579					ND	
S 80 Xylenes, Total	106		20.100					ND	7
78 o-Xylene	106		20.301					ND	
79 Styrene	104		20.338					ND	
81 Bromoform	173		20.681					ND	
82 Isopropylbenzene	105		20.970					ND	
83 1,1,2,2-Tetrachloroethane	83		21.494					ND	7
84 1,2,3-Trichloropropane	75		21.590					ND	
85 N-Propylbenzene	91		21.670					ND	
86 2-Chlorotoluene	91		21.820					ND	
87 4-Ethyltoluene	105		21.863					ND	
88 1,3,5-Trimethylbenzene	105		21.959					ND	

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		21.975					ND	
90 Alpha Methyl Styrene	118		22.286					ND	
91 tert-Butylbenzene	119		22.435					ND	
92 1,2,4-Trimethylbenzene	105		22.521					ND	7
93 sec-Butylbenzene	105		22.751					ND	7
94 1,3-Dichlorobenzene	146		22.928					ND	7
95 4-Isopropyltoluene	119		22.965					ND	
96 1,4-Dichlorobenzene	146		23.067					ND	7
97 Benzyl chloride	91		23.222					ND	7
98 n-Butylbenzene	91		23.527					ND	
99 1,2-Dichlorobenzene	146		23.570					ND	7
100 Undecane	57		23.666					ND	
101 Dodecane	57		25.287					ND	
102 1,2,4-Trichlorobenzene	180		26.063					ND	
103 Hexachlorobutadiene	225		26.309					ND	
104 Naphthalene	128		26.560					ND	7
105 1,2,3-Trichlorobenzene	180		26.993					ND	
109 Chlorotrifluoroethene TIC	1		0.000					ND	
110 Difluoroethane TIC	1		0.000					ND	
111 Total Alkanes TIC	1		0.000					ND	
112 Freon 115 TIC	1		0.000					ND	
113 1,1,1-Trifluoro-2,2-dichloroetha	1		0.000					ND	
114 Methylcyclohexane	83		0.000					ND	

QC Flag Legend

Processing Flags
NC - Not Calibrated
7 - Failed Limit of Detection
Review Flags
U - Marked Undetected

Reagents:

ATTO15AMISs_00004 Amount Added: 20.00 Units: mL Run Reagent

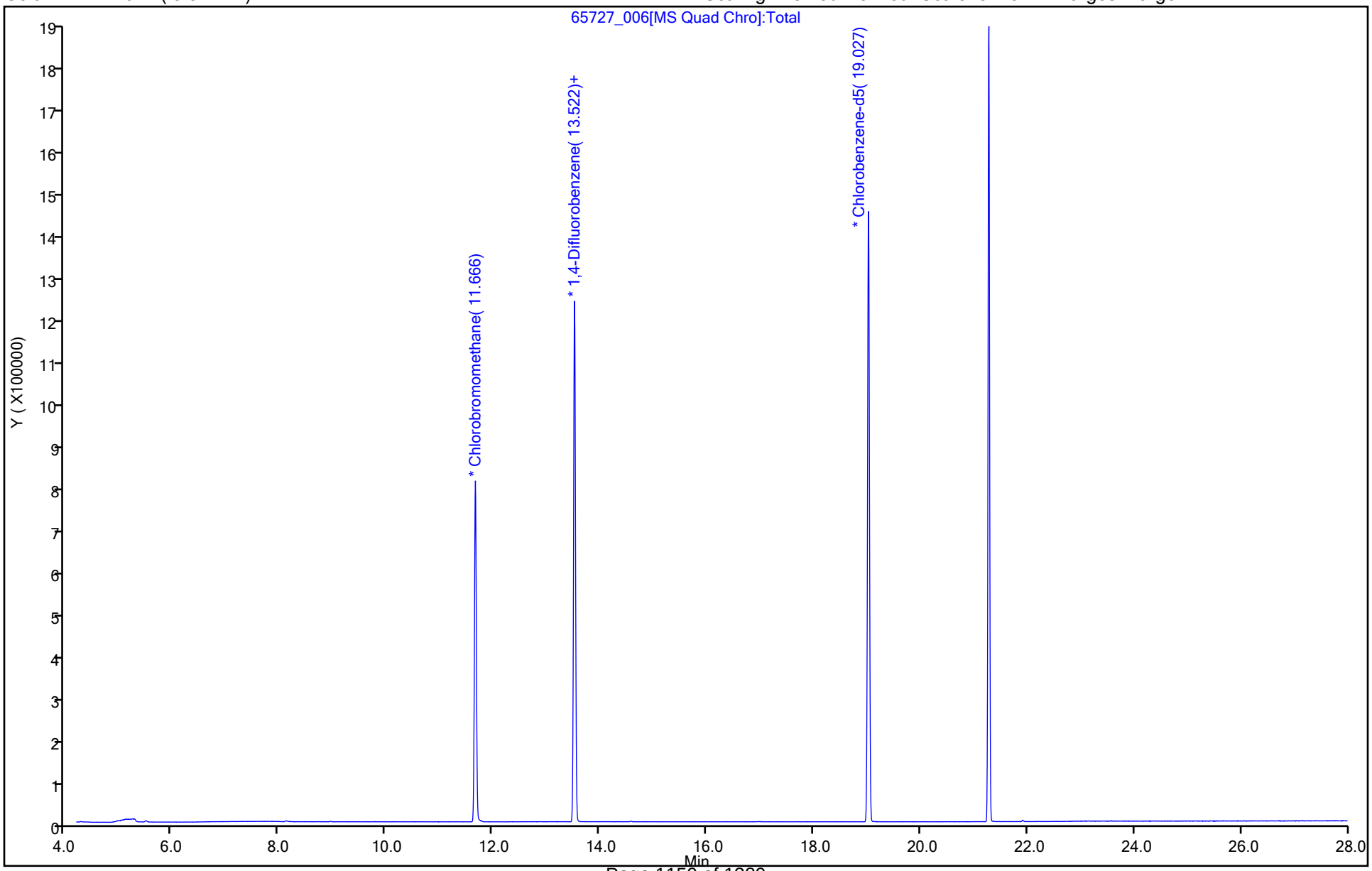
Report Date: 26-Jun-2025 09:42:25 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\65727_006.D

Injection Date:	25-Jun-2025 11:35:22	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	mb			Worklist Smp#:	6
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



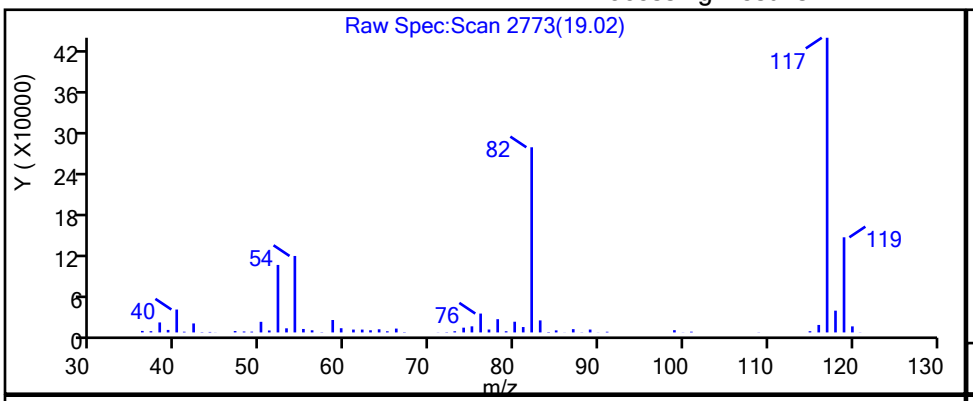
User Disabled Compound Report

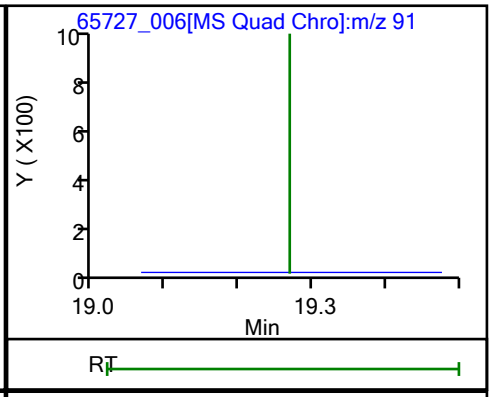
Eurofins Burlington

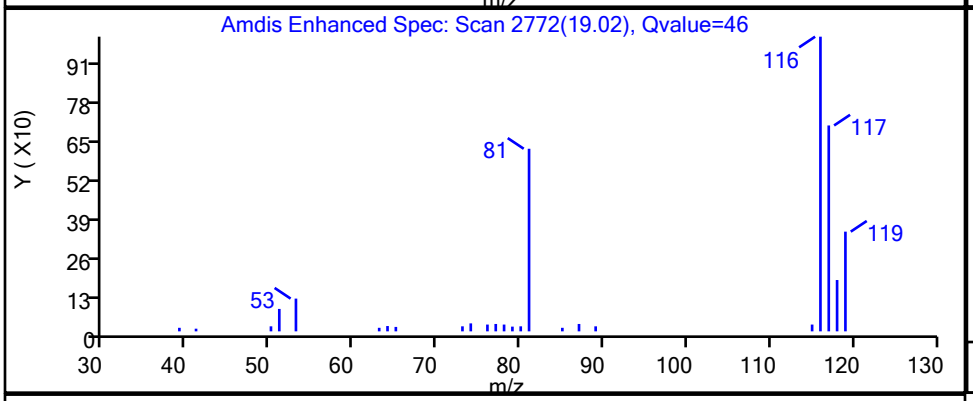
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\65727_006.D				
Injection Date:	25-Jun-2025 11:35:22	Instrument ID:	CHAM.i		
Lims ID:	mb				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

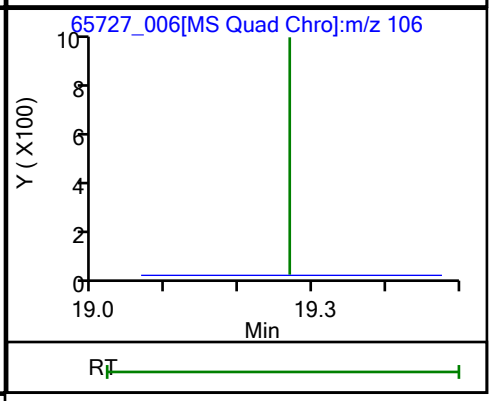
75 Ethylbenzene, CAS: 100-41-4

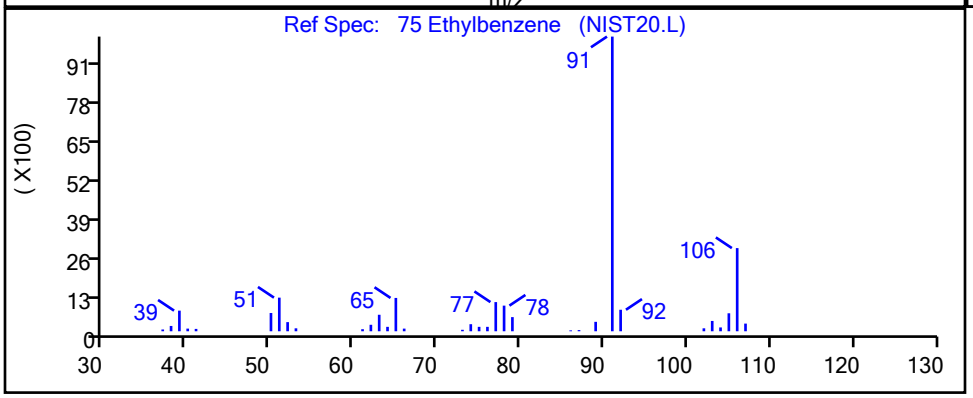
Processing Results











RT	Mass	Response	Amount
19.02	91.00	2402	0.017131
19.27	106.00	0	

Reviewer: YWL8, 26-Jun-2025 09:42:10 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.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-217812/5

Matrix: Air Lab File ID: 65728-05.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/25/2025 11:12

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.: 217812 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	1.1
75-45-6	Chlorodifluoromethane	86.47	1.8	U	1.8	1.3
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.53
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.68
106-97-8	n-Butane	58.12	1.2	U	1.2	0.74
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.074
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.088
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.24
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.42
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.21
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.43
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.44
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.14
67-64-1	Acetone	58.08	12	U	12	4.5
67-63-0	Isopropyl alcohol	60.10	12	U	12	5.4
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.56
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.25
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.66
75-65-0	tert-Butyl alcohol	74.12	15	U	15	4.9
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.24
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.079
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.56
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.073
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	0.41
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.13
67-66-3	Chloroform	119.38	0.98	U	0.98	0.29
109-99-9	Tetrahydrofuran	72.11	15	U	15	5.0
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.40
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.18
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.15

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-217812/5

Matrix: Air Lab File ID: 65728-05.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/25/2025 11:12

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.: 217812 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.33
71-43-2	Benzene	78.11	0.64	U	0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.30
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.35
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.16
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.53
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.25
123-91-1	1,4-Dioxane	88.11	18	U	18	0.68
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.39
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.78
108-88-3	Toluene	92.14	0.75	U	0.75	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.28
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.29
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.24
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.45
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.22
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.22
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.061
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.30
100-42-5	Styrene	104.15	0.85	U	0.85	0.24
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.98	U	0.98	0.35
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.42
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.30
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.33
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.33
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.30

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-217812/5

Matrix: Air Lab File ID: 65728-05.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/25/2025 11:12

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.: 217812 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.38
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.40
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.40
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.43
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.38
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.42
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.38
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	2.2
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.83
91-20-3	Naphthalene	128.17	2.0	U	2.0	0.58

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

Lab Name: Eurofins Burlington | Job No.: 200-78438-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-217812/5

Matrix: Air | Lab File ID: 65728-05.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 06/25/2025 11:12

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.: 217812 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.22
75-45-6	Chlorodifluoromethane	86.47	0.50	U	0.50	0.36
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.076
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.33
106-97-8	n-Butane	58.12	0.50	U	0.50	0.31
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.029
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.040
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.062
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.048
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.077
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.057
75-35-4	1,1-Dichloroethene	96.94	0.050	U	0.050	0.035
67-64-1	Acetone	58.08	5.0	U	5.0	1.9
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	2.2
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.18
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.081
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.19
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.6
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.066
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.020
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.16
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.018
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.14
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.032
67-66-3	Chloroform	119.38	0.20	U	0.20	0.059
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.7
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.073
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.052
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.024

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-217812/5

Matrix: Air Lab File ID: 65728-05.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/25/2025 11:12

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.: 217812 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.071
71-43-2	Benzene	78.11	0.20	U	0.20	0.051
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.074
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.086
79-01-6	Trichloroethene	131.39	0.037	U	0.037	0.029
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.13
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.055
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.19
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.058
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.056
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.19
108-88-3	Toluene	92.14	0.20	U	0.20	0.054
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.062
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.053
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.036
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.053
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.045
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.047
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.051
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.014
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.069
100-42-5	Styrene	104.15	0.20	U	0.20	0.056
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	0.20	U	0.20	0.072
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.061
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.062
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.068
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.068
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.058

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-217812/5

Matrix: Air Lab File ID: 65728-05.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/25/2025 11:12

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.: 217812 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.070
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.082
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.072
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.078
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.063
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.070
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.074
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.070
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	0.30
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.078
91-20-3	Naphthalene	128.17	0.38	U	0.38	0.11

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-05.d
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 25-Jun-2025 11:12:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065728-005
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jun-2025 11:11:06 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1704

First Level Reviewer: YWL8 Date: 26-Jun-2025 11:11:06

	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		4.115					ND	7
2	Dichlorodifluoromethane	85		4.201					ND	
3	Chlorodifluoromethane	51		4.243					ND	
4	1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.543					ND	
5	Chloromethane	50		4.655					ND	
6	Vinyl chloride	62		4.949					ND	
7	Butane	43		4.955					ND	7
8	Butadiene	54		5.062					ND	
9	Bromomethane	94		5.805					ND	
10	Chloroethane	64		6.100					ND	
12	2-Methylbutane	43		6.335					ND	
13	Vinyl bromide	106		6.570					ND	
14	Trichlorofluoromethane	101		6.758					ND	
15	Pentane	43		6.993					ND	
16	Ethanol	45		7.175					ND	
18	Ethyl ether	59		7.464					ND	
19	Acrolein	56		7.747					ND	
20	1,1-Dichloroethene	96		7.988					ND	
21	1,1,2-Trichloro-1,2,2-trifluoroe	101		8.036					ND	
22	Acetone	43		8.063					ND	
23	Isopropyl alcohol	45		8.411					ND	
24	Carbon disulfide	76		8.480					ND	7
25	Acetonitrile	41		8.657					ND	
26	3-Chloro-1-propene	41		8.817					ND	
27	Methylene Chloride	49		9.095					ND	7
28	2-Methyl-2-propanol	59		9.326					ND	
29	Acrylonitrile	53		9.561					ND	
31	Methyl tert-butyl ether	73		9.695					ND	
30	trans-1,2-Dichloroethene	61		9.700					ND	
S 35	1,2-Dichloroethene, Total	61		10.200					ND	7
32	Hexane	57		10.299					ND	
33	1,1-Dichloroethane	63		10.593					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43		10.604					ND	
36 2-Butanone (MEK)	72		11.685					ND	
37 cis-1,2-Dichloroethene	96		11.728					ND	
38 Ethyl acetate	88		11.786					ND	
* 39 Chlorobromomethane	128	12.193	12.188	0.005	87	257418	10.0	10.0	
40 Tetrahydrofuran	42		12.241					ND	
41 Chloroform	83		12.386					ND	
42 1,1,1-Trichloroethane	97		12.728					ND	
43 Cyclohexane	84		12.894					ND	
44 Carbon tetrachloride	117		13.044					ND	
45 Benzene	78		13.413					ND	7
46 1,2-Dichloroethane	62		13.488					ND	
47 Isooctane	57		13.643					ND	
48 n-Heptane	43		13.969					ND	7
* 49 1,4-Difluorobenzene	114	14.194	14.194	0.000	94	1279478	10.0	10.0	
50 n-Butanol	56		14.408					ND	7
A 52 GRO	1	14.499	(6.325-22.672)		0	4209397		0	
51 Trichloroethene	95		14.670					ND	
53 1,2-Dichloropropane	63		15.146					ND	
54 Methyl methacrylate	69		15.221					ND	
55 1,4-Dioxane	88		15.274					ND	
57 Dibromomethane	174		15.317					ND	7
58 Dichlorobromomethane	83		15.633					ND	
A 60 TVOC as Toluene	1	16.085	(4.105-28.065)		0	4347436		0	
59 cis-1,3-Dichloropropene	75		16.473					ND	
61 4-Methyl-2-pentanone (MIBK)	43		16.719					ND	
62 Toluene	92		17.147					ND	
A 63 Toluene Range	1	17.168	(17.077-17.259)		0	12034		NC	
64 n-Octane	43		17.388					ND	
A 65 C8 Range	1	17.388	(17.313-17.462)		0	12034		NC	
66 trans-1,3-Dichloropropene	75		17.559					ND	
67 1,1,2-Trichloroethane	83		17.949					ND	
68 Tetrachloroethene	166		18.179					ND	
69 2-Hexanone	43		18.345					ND	
70 Chlorodibromomethane	129		18.720					ND	
71 Ethylene Dibromide	107		18.982					ND	
* 73 Chlorobenzene-d5	117	19.907	19.907	0.000	84	1165844	10.0	10.0	
74 Chlorobenzene	112		19.966					ND	
S 80 Xylenes, Total	106		20.100					ND	7
75 Ethylbenzene	91		20.153					ND	MU
76 m-Xylene & p-Xylene	106		20.405					ND	
77 n-Nonane	57		20.442					ND	
78 o-Xylene	106		21.111					ND	
79 Styrene	104		21.143					ND	
81 Bromoform	173		21.464					ND	
82 Isopropylbenzene	105		21.731					ND	
83 1,1,2,2-Tetrachloroethane	83		22.192					ND	7
84 1,2,3-Trichloropropane	75		22.293					ND	
85 N-Propylbenzene	91		22.390					ND	
86 2-Chlorotoluene	91		22.539					ND	
87 4-Ethyltoluene	105		22.571					ND	
88 1,3,5-Trimethylbenzene	105		22.652					ND	

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		22.662					ND	
90 Alpha Methyl Styrene	118		22.967					ND	
91 tert-Butylbenzene	119		23.117					ND	
92 1,2,4-Trimethylbenzene	105		23.197					ND	
93 sec-Butylbenzene	105		23.438					ND	
94 1,3-Dichlorobenzene	146		23.631					ND	7
95 4-Isopropyltoluene	119		23.647					ND	
96 1,4-Dichlorobenzene	146		23.775					ND	7
97 Benzyl chloride	91		23.925					ND	
98 n-Butylbenzene	91		24.251					ND	
99 1,2-Dichlorobenzene	146		24.310					ND	
100 Undecane	57		24.385					ND	
101 Dodecane	57		26.129					ND	
102 1,2,4-Trichlorobenzene	180		27.028					ND	7
103 Hexachlorobutadiene	225		27.301					ND	
104 Naphthalene	128		27.579					ND	
105 1,2,3-Trichlorobenzene	180		28.055					ND	
109 Chlorotrifluoroethene TIC	1		0.000					ND	
110 Difluoroethane TIC	1		0.000					ND	
111 Total Alkanes TIC	1		0.000					ND	
112 Freon 115 TIC	1		0.000					ND	
113 1,1,1-Trifluoro-2,2-dichloroetha	1		0.000					ND	
114 Methylcyclohexane	83		0.000					ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- 7 - Failed Limit of Detection

Review Flags
- U - Marked Undetected

Reagents:

ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

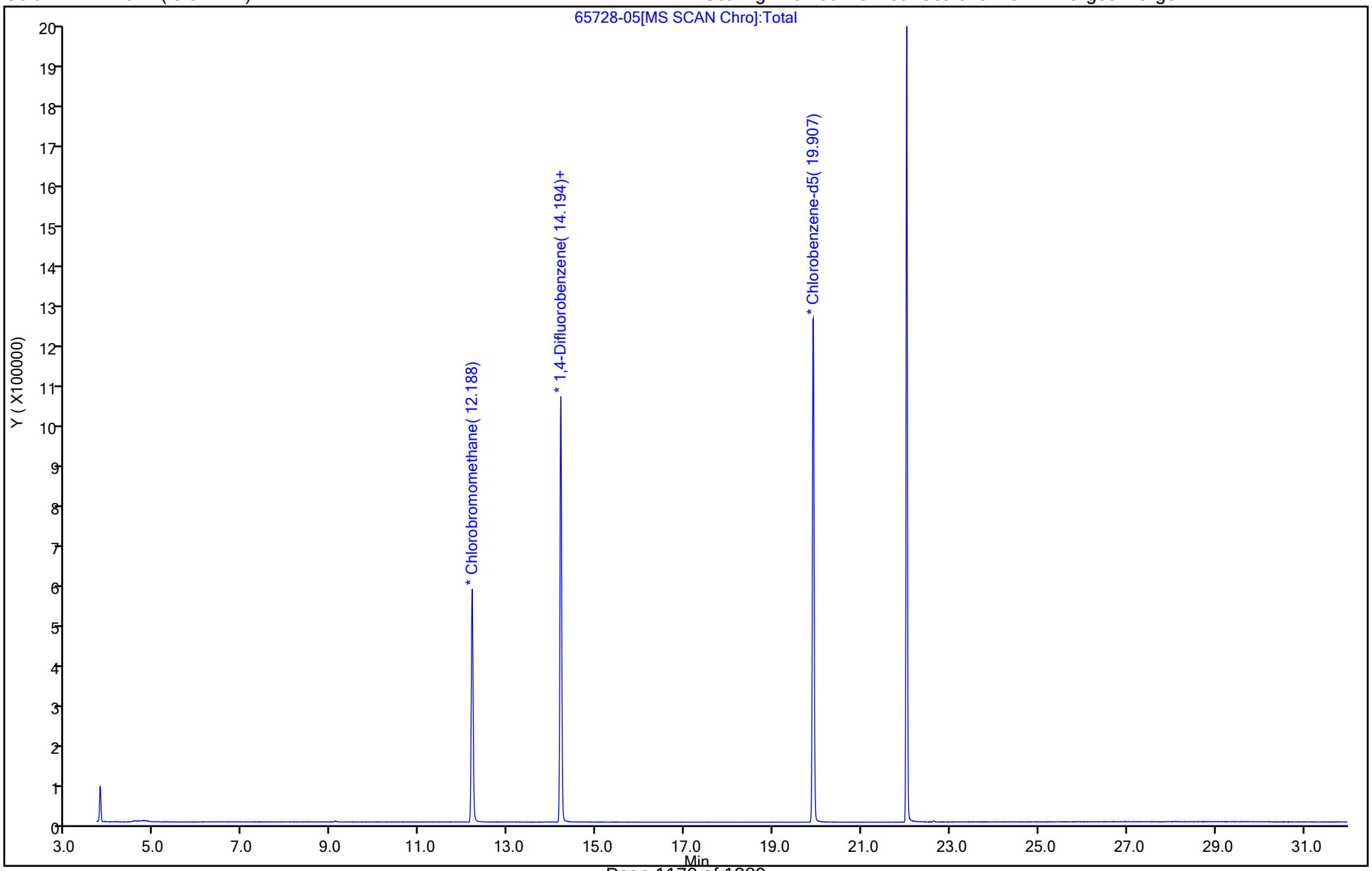
Report Date: 26-Jun-2025 11:11:06 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-05.d

Injection Date:	25-Jun-2025 11:12:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	mb			Worklist Smp#:	5
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



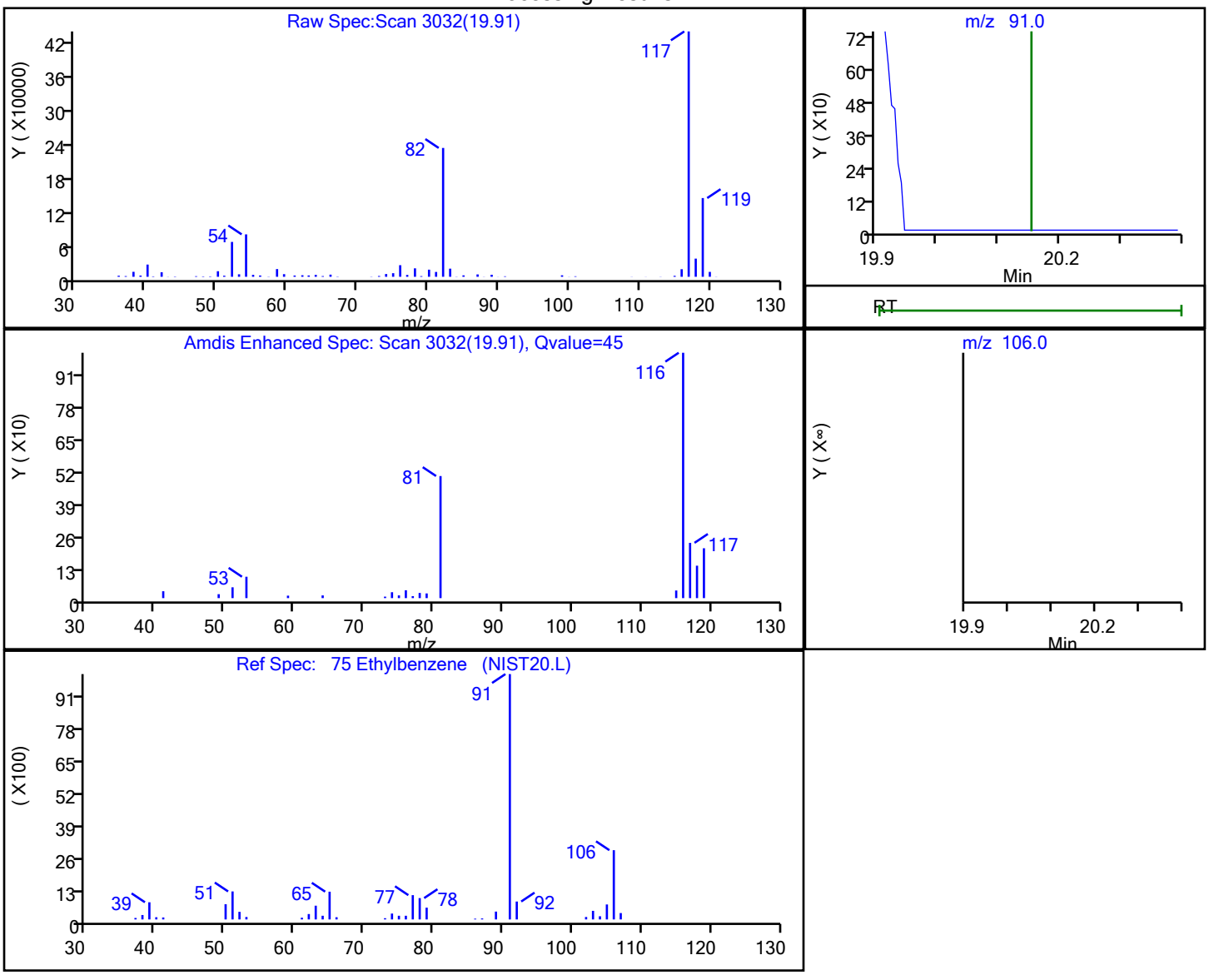
User Disabled Compound Report

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-05.d
Injection Date: 25-Jun-2025 11:12:30 Instrument ID: CHW.i
Lims ID: mb
Client ID:
Operator ID: vtp ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

75 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
19.91	91.00	2255	0.014275
20.15	106.00	0	

Reviewer: YWL8, 26-Jun-2025 11:09:49 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.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-217778/3

Matrix: Air Lab File ID: 65709-03.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/24/2025 11:32

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.: 217778 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	50.1		2.5	1.1
75-45-6	Chlorodifluoromethane	86.47	35.5		1.8	1.3
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	68.2		1.4	0.53
74-87-3	Chloromethane	50.49	20.9		1.0	0.68
106-97-8	n-Butane	58.12	24.6		1.2	0.74
75-01-4	Vinyl chloride	62.50	24.1		0.20	0.074
106-99-0	1,3-Butadiene	54.09	19.5		0.44	0.088
74-83-9	Bromomethane	94.94	37.7		0.78	0.24
75-00-3	Chloroethane	64.52	26.0		1.3	0.42
593-60-2	Bromoethene(Vinyl Bromide)	106.96	43.5		0.87	0.21
75-69-4	Trichlorofluoromethane	137.37	54.5		1.1	0.43
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	74.3		1.5	0.44
75-35-4	1,1-Dichloroethene	96.94	39.0		0.20	0.14
67-64-1	Acetone	58.08	25.4		12	4.5
67-63-0	Isopropyl alcohol	60.10	30.4		12	5.4
75-15-0	Carbon disulfide	76.14	31.0		1.6	0.56
107-05-1	3-Chloropropene	76.53	28.8		1.6	0.25
75-09-2	Methylene Chloride	84.93	33.9		1.7	0.66
75-65-0	tert-Butyl alcohol	74.12	32.7		15	4.9
1634-04-4	Methyl tert-butyl ether	88.15	39.3		0.72	0.24
156-60-5	trans-1,2-Dichloroethene	96.94	40.0		0.79	0.079
110-54-3	n-Hexane	86.17	38.1		1.8	0.56
75-34-3	1,1-Dichloroethane	98.96	39.5		0.81	0.073
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	32.0		1.5	0.41
156-59-2	cis-1,2-Dichloroethene	96.94	40.8		0.20	0.13
67-66-3	Chloroform	119.38	48.0		0.98	0.29
109-99-9	Tetrahydrofuran	72.11	31.1		15	5.0
71-55-6	1,1,1-Trichloroethane	133.41	53.0		1.1	0.40
110-82-7	Cyclohexane	84.16	36.9		0.69	0.18
56-23-5	Carbon tetrachloride	153.81	63.2		0.22	0.15

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-217778/3

Matrix: Air Lab File ID: 65709-03.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/24/2025 11:32

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.: 217778 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	2,2,4-Trimethylpentane	114.23	50.5		0.93	0.33
71-43-2	Benzene	78.11	31.8		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	40.6		0.81	0.30
142-82-5	n-Heptane	100.21	44.7		0.82	0.35
79-01-6	Trichloroethene	131.39	52.2		0.20	0.16
80-62-6	Methyl methacrylate	100.12	44.6		2.0	0.53
78-87-5	1,2-Dichloropropane	112.99	45.8		0.92	0.25
123-91-1	1,4-Dioxane	88.11	41.7		18	0.68
75-27-4	Bromodichloromethane	163.83	66.6		1.3	0.39
10061-01-5	cis-1,3-Dichloropropene	110.97	49.0		0.91	0.25
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	44.3		2.0	0.78
108-88-3	Toluene	92.14	39.3		0.75	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	48.8		0.91	0.28
79-00-5	1,1,2-Trichloroethane	133.41	52.9		1.1	0.29
127-18-4	Tetrachloroethene	165.83	65.2		1.4	0.24
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	44.4		2.0	0.82
124-48-1	Dibromochloromethane	208.28	82.5		1.7	0.45
106-93-4	1,2-Dibromoethane	187.87	77.5		1.5	0.35
108-90-7	Chlorobenzene	112.56	44.3		0.92	0.22
100-41-4	Ethylbenzene	106.17	45.0		0.87	0.22
179601-23-1	m,p-Xylene	106.17	90.8		2.2	0.061
95-47-6	o-Xylene	106.17	46.9		0.87	0.30
100-42-5	Styrene	104.15	46.7		0.85	0.24
75-25-2	Bromoform	252.75	96.2		2.1	0.60
98-82-8	Cumene	120.19	53.3		0.98	0.35
79-34-5	1,1,2,2-Tetrachloroethane	167.85	64.6		1.4	0.42
103-65-1	n-Propylbenzene	120.19	51.6		0.98	0.30
622-96-8	4-Ethyltoluene	120.20	52.3		0.98	0.33
108-67-8	1,3,5-Trimethylbenzene	120.20	51.5		0.98	0.33
95-49-8	2-Chlorotoluene	126.59	52.8		1.0	0.30

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-217778/3

Matrix: Air Lab File ID: 65709-03.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/24/2025 11:32

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.: 217778 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
98-06-6	tert-Butylbenzene	134.22	57.6		1.1	0.38
95-63-6	1,2,4-Trimethylbenzene	120.20	52.8		0.98	0.40
135-98-8	sec-Butylbenzene	134.22	58.3		1.1	0.40
99-87-6	4-Isopropyltoluene	134.22	59.6		1.1	0.43
541-73-1	1,3-Dichlorobenzene	147.00	59.8		1.2	0.38
106-46-7	1,4-Dichlorobenzene	147.00	60.8		1.2	0.42
100-44-7	Benzyl chloride	126.58	55.2		1.0	0.38
104-51-8	n-Butylbenzene	134.22	61.0		1.1	0.38
95-50-1	1,2-Dichlorobenzene	147.00	60.1		1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	94.1		3.7	2.2
87-68-3	Hexachlorobutadiene	260.76	116		2.1	0.83
91-20-3	Naphthalene	128.17	75.4		2.0	0.58

Report Date: 25-Jun-2025 10:07:03 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-03.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 24-Jun-2025 11:32:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065709-003
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 25-Jun-2025 10:06:28 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1688

First Level Reviewer: F7XK Date: 25-Jun-2025 10:07:03

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	4.109	4.110	-0.001	97	227731	10.0	10.3	
2 Dichlorodifluoromethane	85	4.200	4.201	-0.001	99	758383	10.0	10.1	
3 Chlorodifluoromethane	51	4.238	4.238	0.000	97	435543	10.0	10.0	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.537	4.538	-0.001	96	821544	10.0	9.75	
5 Chloromethane	50	4.655	4.650	0.005	99	265923	10.0	10.1	
6 Vinyl chloride	62	4.955	4.949	0.006	100	241718	10.0	9.43	
7 Butane	43	4.960	4.949	0.011	98	327686	10.0	10.3	
8 Butadiene	54	5.067	5.062	0.005	91	160054	10.0	8.82	
9 Bromomethane	94	5.811	5.805	0.006	100	310135	10.0	9.72	
11 BFB									
10 Chloroethane	64	6.100	6.100	0.000	99	174393	10.0	9.86	
12 2-Methylbutane	43	6.340	6.335	0.005	92	331232	10.0	9.92	
13 Vinyl bromide	106	6.576	6.570	0.006	100	307735	10.0	9.94	
14 Trichlorofluoromethane	101	6.758	6.752	0.006	98	746304	10.0	9.69	
15 Pentane	43	6.993	6.988	0.005	96	513762	10.0	10.4	
16 Ethanol	45	7.170	7.170	0.000	98	212505	15.0	15.6	
18 Ethyl ether	59	7.464	7.458	0.006	89	222018	10.0	10.7	
19 Acrolein	56	7.747	7.742	0.005	94	125576	10.0	11.5	
20 1,1-Dichloroethene	96	7.988	7.988	0.000	96	337020	10.0	9.83	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.031	8.031	0.000	99	700326	10.0	9.69	
22 Acetone	43	8.063	8.063	0.000	96	428121	10.0	10.7	
23 Isopropyl alcohol	45	8.405	8.405	0.000	100	516659	10.0	12.4	
24 Carbon disulfide	76	8.480	8.475	0.005	98	966978	10.0	9.96	
25 Acetonitrile	41	8.657	8.657	0.000	99	228691	10.0	10.2	
26 3-Chloro-1-propene	41	8.817	8.812	0.005	94	321462	10.0	9.19	
27 Methylene Chloride	49	9.090	9.090	0.000	90	347587	10.0	9.77	
28 2-Methyl-2-propanol	59	9.320	9.320	0.000	99	616706	10.0	10.8	
29 Acrylonitrile	53	9.561	9.561	0.000	96	225651	10.0	11.0	
31 Methyl tert-butyl ether	73	9.695	9.695	0.000	97	911351	10.0	10.9	
30 trans-1,2-Dichloroethene	61	9.700	9.695	0.005	96	458925	10.0	10.1	
S 35 1,2-Dichloroethene, Total	61				0		20.0	20.4	
32 Hexane	57	10.299	10.299	0.000	90	517298	10.0	10.8	

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	10.593	10.593	0.000	99	596225	10.0	9.76	
34 Vinyl acetate	43	10.599	10.599	0.000	99	553889	10.0	10.5	
36 2-Butanone (MEK)	72	11.685	11.685	0.000	98	176894	10.0	10.8	
37 cis-1,2-Dichloroethene	96	11.727	11.728	-0.001	93	387010	10.0	10.3	
38 Ethyl acetate	88	11.786	11.781	0.005	99	32790	10.0	9.89	
* 39 Chlorobromomethane	128	12.193	12.188	0.005	86	270338	10.0	10.0	
40 Tetrahydrofuran	42	12.236	12.236	0.000	92	351199	10.0	10.5	
41 Chloroform	83	12.380	12.380	0.000	95	675355	10.0	9.83	
42 1,1,1-Trichloroethane	97	12.728	12.728	0.000	98	669460	10.0	9.72	
43 Cyclohexane	84	12.894	12.894	0.000	97	491369	10.0	10.7	
44 Carbon tetrachloride	117	13.043	13.044	-0.001	99	710898	10.0	10.0	
45 Benzene	78	13.413	13.413	0.000	94	1095240	10.0	9.97	
46 1,2-Dichloroethane	62	13.488	13.488	0.000	93	402072	10.0	10.0	
47 Isooctane	57	13.648	13.643	0.005	100	1716545	10.0	10.8	
48 n-Heptane	43	13.969	13.969	0.000	89	574905	10.0	10.9	
* 49 1,4-Difluorobenzene	114	14.194	14.194	0.000	94	1377050	10.0	10.0	
50 n-Butanol	56	14.402	14.402	0.000	86	261100	10.0	10.9	
A 52 GRO	1	14.499	(6.325-22.672)		0	154519869	649.9	0	
51 Trichloroethene	95	14.664	14.665	-0.001	98	500372	10.0	9.71	
53 1,2-Dichloropropane	63	15.146	15.146	0.000	84	405480	10.0	9.90	
54 Methyl methacrylate	69	15.221	15.216	0.005	98	405181	10.0	10.9	
55 1,4-Dioxane	88	15.274	15.274	0.000	92	248980	10.0	11.6	
57 Dibromomethane	174	15.317	15.317	0.000	94	505878	10.0	9.88	
58 Dichlorobromomethane	83	15.633	15.633	0.000	98	730791	10.0	9.95	
A 60 TVOC as Toluene	1	16.085	(4.100-28.070)		0	245587119	899.8	0	
59 cis-1,3-Dichloropropene	75	16.473	16.473	0.000	89	665863	10.0	10.8	
61 4-Methyl-2-pentanone (MIBK)	43	16.719	16.719	0.000	94	704181	10.0	10.8	
62 Toluene	92	17.147	17.147	0.000	93	802389	10.0	10.4	
A 63 Toluene Range	1	17.147	(17.072-17.222)		0	3091375	NC	NC	
64 n-Octane	43	17.387	17.382	0.005	89	826762	10.0	11.3	
A 65 C8 Range	1	17.409	(17.307-17.511)		0	3347034	NC	NC	
66 trans-1,3-Dichloropropene	75	17.553	17.553	0.000	95	533376	10.0	10.8	
67 1,1,2-Trichloroethane	83	17.949	17.949	0.000	96	387777	10.0	9.69	
68 Tetrachloroethene	166	18.179	18.179	0.000	98	702094	10.0	9.62	
69 2-Hexanone	43	18.345	18.340	0.005	97	675667	10.0	10.8	
70 Chlorodibromomethane	129	18.720	18.720	0.000	98	796788	10.0	9.69	
71 Ethylene Dibromide	107	18.982	18.976	0.006	98	722802	10.0	10.1	
* 73 Chlorobenzene-d5	117	19.907	19.907	0.000	84	1275001	10.0	10.0	
74 Chlorobenzene	112	19.966	19.966	0.000	96	1132808	10.0	9.63	
S 80 Xylenes, Total	106				0		30.0	31.7	
75 Ethylbenzene	91	20.148	20.148	0.000	98	1791799	10.0	10.4	
76 m-Xylene & p-Xylene	106	20.399	20.405	-0.006	0	1427910	20.0	20.9	
77 n-Nonane	57	20.437	20.437	0.000	87	876674	10.0	10.8	
78 o-Xylene	106	21.111	21.111	0.000	99	678087	10.0	10.8	
79 Styrene	104	21.143	21.143	0.000	97	1151055	10.0	11.0	
81 Bromoform	173	21.464	21.464	0.000	99	793369	10.0	9.30	
82 Isopropylbenzene	105	21.731	21.732	-0.001	98	2041563	10.0	10.8	
83 1,1,2,2-Tetrachloroethane	83	22.191	22.192	-0.001	98	1011308	10.0	9.40	
84 1,2,3-Trichloropropane	75	22.293	22.293	0.000	98	812374	10.0	9.59	
85 N-Propylbenzene	91	22.389	22.390	-0.001	100	2493133	10.0	10.5	
86 2-Chlorotoluene	91	22.539	22.539	0.000	96	1701958	10.0	10.2	
87 4-Ethyltoluene	105	22.571	22.571	0.000	98	2073411	10.0	10.6	

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	22.652	22.652	0.000	94	1724724	10.0	10.5	
89 n-Decane	57	22.662	22.662	0.000	92	1170197	10.0	10.4	
90 Alpha Methyl Styrene	118	22.967	22.967	0.000	90	931052	10.0	11.0	
91 tert-Butylbenzene	119	23.117	23.117	0.000	95	1715845	10.0	10.5	
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	97	1753493	10.0	10.7	
93 sec-Butylbenzene	105	23.438	23.438	0.000	99	2601853	10.0	10.6	
94 1,3-Dichlorobenzene	146	23.631	23.631	0.000	97	1273808	10.0	9.94	
95 4-Isopropyltoluene	119	23.652	23.652	0.000	98	2269837	10.0	10.9	
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	96	1282120	10.0	10.1	
97 Benzyl chloride	91	23.925	23.925	0.000	99	1520643	10.0	10.7	
98 n-Butylbenzene	91	24.251	24.251	0.000	98	2096388	10.0	11.1	
99 1,2-Dichlorobenzene	146	24.310	24.310	0.000	98	1228671	10.0	10.0	
100 Undecane	57	24.385	24.385	0.000	94	1327236	10.0	9.84	
101 Dodecane	57	26.129	26.129	0.000	97	1298488	10.0	10.2	
102 1,2,4-Trichlorobenzene	180	27.028	27.028	0.000	94	1140084	10.0	12.7	
103 Hexachlorobutadiene	225	27.295	27.295	0.000	97	1078272	10.0	10.8	
104 Naphthalene	128	27.584	27.579	0.005	100	2467835	10.0	14.4	
105 1,2,3-Trichlorobenzene	180	28.060	28.060	0.000	96	1094949	10.0	12.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15LCSW_00885	Amount Added: 200.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

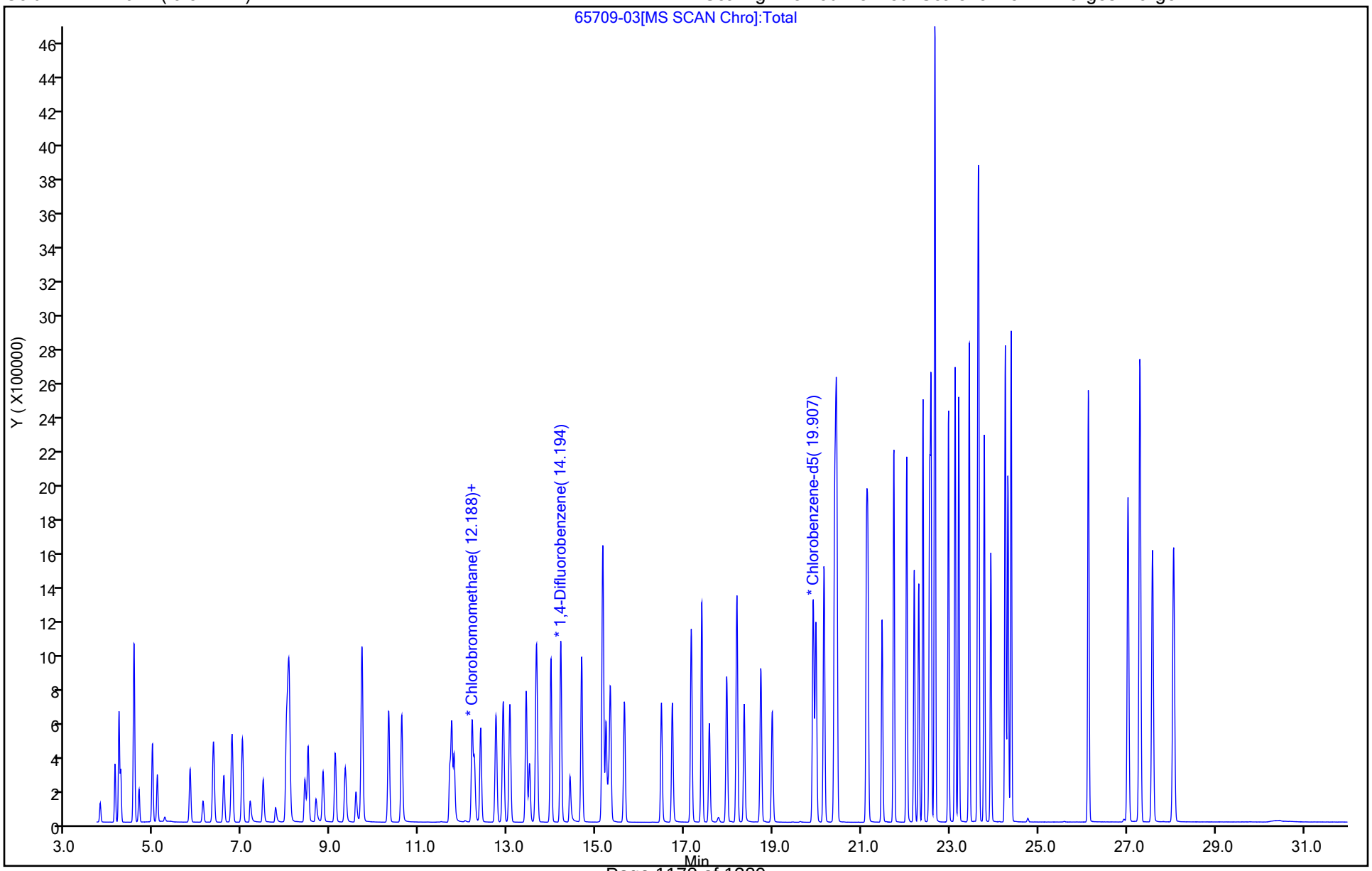
Report Date: 25-Jun-2025 10:07:03 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250624-65709.b\65709-03.D

Injection Date:	24-Jun-2025 11:32:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	LCS			Worklist Smp#:	3
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_TO3_MasterMethod_W	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.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-217811/4

Matrix: Air Lab File ID: 65727_004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/25/2025 09:51

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.: 217811 Units: ug/m3

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	54.0		2.5	1.1
75-45-6	Chlorodifluoromethane	86.47	42.0		1.8	1.3
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	79.8		1.4	0.53
74-87-3	Chloromethane	50.49	25.7		1.0	0.68
106-97-8	n-Butane	58.12	29.5		1.2	0.74
75-01-4	Vinyl chloride	62.50	30.1		0.20	0.074
106-99-0	1,3-Butadiene	54.09	24.8		0.44	0.088
74-83-9	Bromomethane	94.94	42.9		0.78	0.24
75-00-3	Chloroethane	64.52	31.7		1.3	0.42
593-60-2	Bromoethene(Vinyl Bromide)	106.96	47.2		0.87	0.21
75-69-4	Trichlorofluoromethane	137.37	59.4		1.1	0.43
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	80.5		1.5	0.44
75-35-4	1,1-Dichloroethene	96.94	42.6		0.20	0.14
67-64-1	Acetone	58.08	28.9		12	4.5
67-63-0	Isopropyl alcohol	60.10	34.2		12	5.4
75-15-0	Carbon disulfide	76.14	35.4		1.6	0.56
107-05-1	3-Chloropropene	76.53	38.0		1.6	0.25
75-09-2	Methylene Chloride	84.93	42.0		1.7	0.66
75-65-0	tert-Butyl alcohol	74.12	35.4		15	4.9
1634-04-4	Methyl tert-butyl ether	88.15	40.6		0.72	0.24
156-60-5	trans-1,2-Dichloroethene	96.94	46.1		0.79	0.079
110-54-3	n-Hexane	86.17	41.4		1.8	0.56
75-34-3	1,1-Dichloroethane	98.96	47.2		0.81	0.073
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	33.8		1.5	0.41
156-59-2	cis-1,2-Dichloroethene	96.94	42.0		0.20	0.13
67-66-3	Chloroform	119.38	53.3		0.98	0.29
109-99-9	Tetrahydrofuran	72.11	36.6		15	5.0
71-55-6	1,1,1-Trichloroethane	133.41	57.5		1.1	0.40
110-82-7	Cyclohexane	84.16	37.4		0.69	0.18
56-23-5	Carbon tetrachloride	153.81	66.6		0.22	0.15

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-217811/4

Matrix: Air Lab File ID: 65727_004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/25/2025 09:51

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.: 217811 Units: ug/m3

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	2,2,4-Trimethylpentane	114.23	55.6		0.93	0.33
71-43-2	Benzene	78.11	35.2		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	45.4		0.81	0.30
142-82-5	n-Heptane	100.21	51.2		0.82	0.35
79-01-6	Trichloroethene	131.39	57.7		0.20	0.16
80-62-6	Methyl methacrylate	100.12	47.6		2.0	0.53
78-87-5	1,2-Dichloropropane	112.99	53.8		0.92	0.25
123-91-1	1,4-Dioxane	88.11	40.4		18	0.68
75-27-4	Bromodichloromethane	163.83	73.6		1.3	0.39
10061-01-5	cis-1,3-Dichloropropene	110.97	51.7		0.91	0.25
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	52.4		2.0	0.78
108-88-3	Toluene	92.14	40.6		0.75	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	52.3		0.91	0.28
79-00-5	1,1,2-Trichloroethane	133.41	60.2		1.1	0.29
127-18-4	Tetrachloroethene	165.83	66.0		1.4	0.24
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	53.9		2.0	0.82
124-48-1	Dibromochloromethane	208.28	88.4		1.7	0.45
106-93-4	1,2-Dibromoethane	187.87	82.9		1.5	0.35
108-90-7	Chlorobenzene	112.56	47.5		0.92	0.22
100-41-4	Ethylbenzene	106.17	47.6		0.87	0.22
179601-23-1	m,p-Xylene	106.17	92.7		2.2	0.061
95-47-6	o-Xylene	106.17	46.6		0.87	0.30
100-42-5	Styrene	104.15	47.8		0.85	0.24
75-25-2	Bromoform	252.75	103		2.1	0.60
98-82-8	Cumene	120.19	53.8		0.98	0.35
79-34-5	1,1,2,2-Tetrachloroethane	167.85	78.7		1.4	0.42
103-65-1	n-Propylbenzene	120.19	56.1		0.98	0.30
622-96-8	4-Ethyltoluene	120.20	54.9		0.98	0.33
108-67-8	1,3,5-Trimethylbenzene	120.20	54.2		0.98	0.33
95-49-8	2-Chlorotoluene	126.59	58.0		1.0	0.30

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-217811/4

Matrix: Air Lab File ID: 65727_004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/25/2025 09:51

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.: 217811 Units: ug/m3

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
98-06-6	tert-Butylbenzene	134.22	59.0		1.1	0.38
95-63-6	1,2,4-Trimethylbenzene	120.20	54.5		0.98	0.40
135-98-8	sec-Butylbenzene	134.22	61.5		1.1	0.40
99-87-6	4-Isopropyltoluene	134.22	60.5		1.1	0.43
541-73-1	1,3-Dichlorobenzene	147.00	63.7		1.2	0.38
106-46-7	1,4-Dichlorobenzene	147.00	63.5		1.2	0.42
100-44-7	Benzyl chloride	126.58	63.8		1.0	0.38
104-51-8	n-Butylbenzene	134.22	64.8		1.1	0.38
95-50-1	1,2-Dichlorobenzene	147.00	63.2		1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	88.1		3.7	2.2
87-68-3	Hexachlorobutadiene	260.76	114		2.1	0.83
91-20-3	Naphthalene	128.17	75.1		2.0	0.58

Report Date: 26-Jun-2025 09:36:44 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\65727_004.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 25-Jun-2025 09:51:44 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065727-004
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jun-2025 09:35:56 Calib Date: 13-May-2025 01:19:20
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20250512-65121.b\65111_014.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1704

First Level Reviewer: YWL8 Date: 26-Jun-2025 09:36:44

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	4.272	4.273	-0.001	99	201805	10.0	12.5	
2 Dichlorodifluoromethane	85	4.369	4.369	0.000	99	763195	10.0	10.9	
3 Chlorodifluoromethane	51	4.422	4.417	0.005	97	447040	10.0	11.9	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.743	4.744	-0.001	96	844772	10.0	11.4	
5 Chloromethane	50	4.872	4.867	0.005	99	257534	10.0	12.4	
7 Butane	43	5.176	5.172	0.004	98	559325	10.0	12.4	
6 Vinyl chloride	62	5.176	5.172	0.004	79	390905	10.0	11.8	
8 Butadiene	54	5.294	5.289	0.005	92	298690	10.0	11.2	
11 BFB									
9 Bromomethane	94	6.038	6.038	0.000	99	305544	10.0	11.0	
10 Chloroethane	64	6.321	6.317	0.004	100	176676	10.0	12.0	
12 2-Methylbutane	43	6.530	6.531	-0.001	93	349323	10.0	12.4	
13 Vinyl bromide	106	6.749	6.750	-0.001	99	295900	10.0	10.8	
14 Trichlorofluoromethane	101	6.915	6.910	0.005	98	784975	10.0	10.6	
15 Pentane	43	7.118	7.119	-0.001	96	554121	10.0	12.7	
16 Ethanol	45	7.311	7.312	-0.001	98	231000	15.0	18.8	
18 Ethyl ether	59	7.536	7.536	0.000	93	239702	10.0	12.1	
19 Acrolein	56	7.803	7.804	-0.001	96	144592	10.0	14.0	
20 1,1-Dichloroethene	96	8.001	7.996	0.005	95	332668	10.0	10.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.039	8.034	0.005	93	706652	10.0	10.5	
22 Acetone	43	8.081	8.082	-0.001	98	509972	10.0	12.2	
23 Isopropyl alcohol	45	8.381	8.382	-0.001	100	602926	10.0	13.9	
24 Carbon disulfide	76	8.408	8.403	0.005	100	1043216	10.0	11.4	
25 Acetonitrile	41	8.616	8.612	0.004	99	270131	10.0	12.7	
26 3-Chloro-1-propene	41	8.713	8.708	0.005	97	442828	10.0	12.1	
27 Methylene Chloride	49	8.948	8.949	-0.001	96	431065	10.0	12.1	
28 2-Methyl-2-propanol	59	9.157	9.157	0.000	99	711869	10.0	11.7	
29 Acrylonitrile	53	9.371	9.371	0.000	95	282435	10.0	12.8	
31 Methyl tert-butyl ether	73	9.446	9.446	0.000	98	986500	10.0	11.3	
30 trans-1,2-Dichloroethene	61	9.451	9.452	-0.001	97	538252	10.0	11.6	
32 Hexane	57	9.959	9.960	-0.001	94	568469	10.0	11.7	
S 35 1,2-Dichloroethene, Total	61				0		20.0	22.2	

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	10.237	10.233	0.004	100	686424	10.0	11.7	
34 Vinyl acetate	43	10.243	10.238	0.005	100	898888	10.0	13.6	
36 2-Butanone (MEK)	72	11.222	11.222	0.000	99	179458	10.0	11.4	
37 cis-1,2-Dichloroethene	96	11.248	11.249	-0.001	97	378235	10.0	10.6	
38 Ethyl acetate	88	11.297	11.297	0.000	99	30583	10.0	10.6	
* 39 Chlorobromomethane	128	11.666	11.666	0.000	98	269903	10.0	10.0	
40 Tetrahydrofuran	42	11.698	11.698	0.000	93	418756	10.0	12.4	
41 Chloroform	83	11.848	11.848	0.000	96	758278	10.0	10.9	
42 1,1,1-Trichloroethane	97	12.147	12.148	-0.001	98	716559	10.0	10.5	
43 Cyclohexane	84	12.276	12.276	0.000	98	467825	10.0	10.9	
44 Carbon tetrachloride	117	12.420	12.421	-0.001	96	704458	10.0	10.6	
45 Benzene	78	12.778	12.779	-0.001	97	1125572	10.0	11.0	
46 1,2-Dichloroethane	62	12.864	12.865	-0.001	93	495855	10.0	11.2	
47 Isooctane	57	12.987	12.982	0.005	99	1853846	10.0	11.9	
48 n-Heptane	43	13.292	13.293	-0.001	94	678320	10.0	12.5	
* 49 1,4-Difluorobenzene	114	13.522	13.523	-0.001	96	1315333	10.0	10.0	
50 n-Butanol	56	13.757	13.758	-0.001	90	258686	10.0	11.6	
51 Trichloroethene	95	13.955	13.956	-0.001	94	485621	10.0	10.7	
A 52 GRO	1	14.253	(6.521-21.985)		0	161624095	649.9	0	
53 1,2-Dichloropropane	63	14.421	14.421	0.000	93	451668	10.0	11.7	
54 Methyl methacrylate	69	14.501	14.502	-0.001	96	408387	10.0	11.6	
55 1,4-Dioxane	88	14.544	14.544	0.000	97	217270	10.0	11.2	
57 Dibromomethane	174	14.581	14.582	-0.001	91	366996	10.0	9.57	
58 Dichlorobromomethane	83	14.897	14.898	-0.001	98	824876	10.0	11.0	
A 60 TVOC as Toluene	1	15.633	(4.263-27.003)		0	239809957	899.8	0	
59 cis-1,3-Dichloropropene	75	15.699	15.700	-0.001	93	727352	10.0	11.4	
61 4-Methyl-2-pentanone (MIBK)	43	15.956	15.957	-0.001	97	888066	10.0	12.8	
62 Toluene	92	16.336	16.331	0.005	93	760106	10.0	10.8	
A 63 Toluene Range	1	16.342	(16.262-16.422)		0	3139857	NC	NC	
64 n-Octane	43	16.571	16.567	0.004	94	962878	10.0	12.7	
A 65 C8 Range	1	16.577	(16.497-16.658)		0	3629314	NC	NC	
66 trans-1,3-Dichloropropene	75	16.759	16.759	0.000	97	584976	10.0	11.5	
67 1,1,2-Trichloroethane	83	17.139	17.139	0.000	97	413523	10.0	11.0	
68 Tetrachloroethene	166	17.320	17.321	-0.001	92	524603	10.0	9.72	
69 2-Hexanone	43	17.540	17.540	0.000	94	814351	10.0	13.2	
70 Chlorodibromomethane	129	17.877	17.877	0.000	98	749120	10.0	10.4	
71 Ethylene Dibromide	107	18.112	18.113	-0.001	98	704251	10.0	10.8	
* 73 Chlorobenzene-d5	117	19.027	19.028	-0.001	89	1230588	10.0	10.0	
74 Chlorobenzene	112	19.086	19.081	0.005	92	985963	10.0	10.3	
75 Ethylbenzene	91	19.268	19.268	0.000	99	1714044	10.0	11.0	
76 m-Xylene & p-Xylene	106	19.535	19.530	0.005	0	1248396	20.0	21.4	
77 n-Nonane	57	19.578	19.579	-0.001	91	932449	10.0	12.2	
S 80 Xylenes, Total	106				0		30.0	32.1	
78 o-Xylene	106	20.306	20.301	0.005	97	595940	10.0	10.7	
79 Styrene	104	20.338	20.338	0.000	100	984190	10.0	11.2	
81 Bromoform	173	20.680	20.681	-0.001	92	651767	10.0	9.92	
82 Isopropylbenzene	105	20.974	20.970	0.004	99	1809022	10.0	10.9	
83 1,1,2,2-Tetrachloroethane	83	21.493	21.494	-0.001	98	1102240	10.0	11.5	
84 1,2,3-Trichloropropane	75	21.590	21.590	0.000	99	853693	10.0	11.4	
85 N-Propylbenzene	91	21.675	21.670	0.005	98	2340790	10.0	11.4	
86 2-Chlorotoluene	91	21.825	21.820	0.005	96	1491483	10.0	11.2	
87 4-Ethyltoluene	105	21.868	21.863	0.005	99	1803826	10.0	11.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 1,3,5-Trimethylbenzene	105	21.959	21.959	0.000	92	1514146	10.0	11.0	
89 n-Decane	57	21.980	21.975	0.005	91	1174952	10.0	12.3	
90 Alpha Methyl Styrene	118	22.280	22.286	-0.006	85	750789	10.0	11.3	
91 tert-Butylbenzene	119	22.435	22.435	0.000	91	1393454	10.0	10.7	
92 1,2,4-Trimethylbenzene	105	22.520	22.521	-0.001	98	1520680	10.0	11.1	
93 sec-Butylbenzene	105	22.756	22.751	0.005	99	2260392	10.0	11.2	
94 1,3-Dichlorobenzene	146	22.932	22.928	0.004	99	963320	10.0	10.6	
95 4-Isopropyltoluene	119	22.964	22.965	-0.001	97	1792379	10.0	11.0	
96 1,4-Dichlorobenzene	146	23.066	23.067	-0.001	91	952762	10.0	10.6	
97 Benzyl chloride	91	23.221	23.222	-0.001	98	1453432	10.0	12.3	
98 n-Butylbenzene	91	23.526	23.527	-0.001	98	1872603	10.0	11.8	
99 1,2-Dichlorobenzene	146	23.569	23.570	-0.001	93	920091	10.0	10.5	
100 Undecane	57	23.665	23.666	-0.001	96	1120298	10.0	11.5	
101 Dodecane	57	25.286	25.287	-0.001	98	938740	10.0	11.0	
102 1,2,4-Trichlorobenzene	180	26.067	26.063	0.004	93	591800	10.0	11.9	
103 Hexachlorobutadiene	225	26.313	26.309	0.004	95	524403	10.0	10.7	
104 Naphthalene	128	26.565	26.560	0.005	99	1488740	10.0	14.3	
105 1,2,3-Trichlorobenzene	180	26.987	26.993	-0.006	94	534421	10.0	11.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15LCSW_00885	Amount Added: 200.00	Units: mL	
ATTO15AMISs_00004	Amount Added: 20.00	Units: mL	Run Reagent

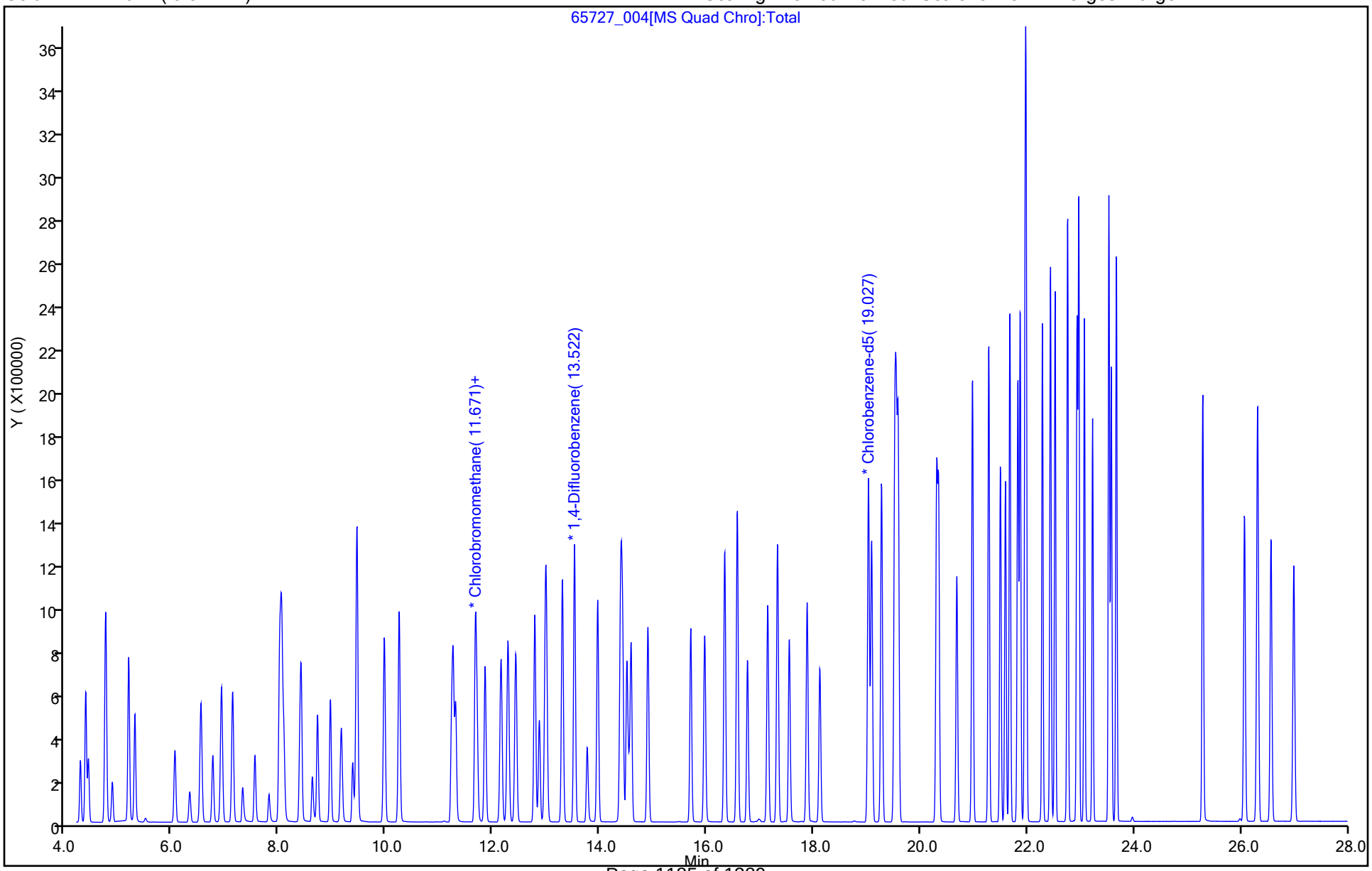
Report Date: 26-Jun-2025 09:36:44 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250625-65727.b\65727_004.D

Injection Date:	25-Jun-2025 09:51:44	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_TO3_Master_Method_AM1	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.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-217812/3

Matrix: Air Lab File ID: 65728-03.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/25/2025 09:29

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.: 217812 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	47.0		2.5	1.1
75-45-6	Chlorodifluoromethane	86.47	34.4		1.8	1.3
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	64.6		1.4	0.53
74-87-3	Chloromethane	50.49	20.2		1.0	0.68
106-97-8	n-Butane	58.12	22.5		1.2	0.74
75-01-4	Vinyl chloride	62.50	21.9		0.20	0.074
106-99-0	1,3-Butadiene	54.09	18.5		0.44	0.088
74-83-9	Bromomethane	94.94	35.1		0.78	0.24
75-00-3	Chloroethane	64.52	24.6		1.3	0.42
593-60-2	Bromoethene(Vinyl Bromide)	106.96	40.8		0.87	0.21
75-69-4	Trichlorofluoromethane	137.37	50.5		1.1	0.43
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	66.7		1.5	0.44
75-35-4	1,1-Dichloroethene	96.94	35.1		0.20	0.14
67-64-1	Acetone	58.08	22.6		12	4.5
67-63-0	Isopropyl alcohol	60.10	24.5		12	5.4
75-15-0	Carbon disulfide	76.14	28.2		1.6	0.56
107-05-1	3-Chloropropene	76.53	31.7		1.6	0.25
75-09-2	Methylene Chloride	84.93	31.5		1.7	0.66
75-65-0	tert-Butyl alcohol	74.12	27.9		15	4.9
1634-04-4	Methyl tert-butyl ether	88.15	36.2		0.72	0.24
156-60-5	trans-1,2-Dichloroethene	96.94	38.3		0.79	0.079
110-54-3	n-Hexane	86.17	35.5		1.8	0.56
75-34-3	1,1-Dichloroethane	98.96	36.1		0.81	0.073
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	28.8		1.5	0.41
156-59-2	cis-1,2-Dichloroethene	96.94	35.6		0.20	0.13
67-66-3	Chloroform	119.38	44.4		0.98	0.29
109-99-9	Tetrahydrofuran	72.11	28.0		15	5.0
71-55-6	1,1,1-Trichloroethane	133.41	48.4		1.1	0.40
110-82-7	Cyclohexane	84.16	33.2		0.69	0.18
56-23-5	Carbon tetrachloride	153.81	57.2		0.22	0.15

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-217812/3

Matrix: Air Lab File ID: 65728-03.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/25/2025 09:29

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.: 217812 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	2,2,4-Trimethylpentane	114.23	46.9		0.93	0.33
71-43-2	Benzene	78.11	29.5		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	37.5		0.81	0.30
142-82-5	n-Heptane	100.21	42.2		0.82	0.35
79-01-6	Trichloroethene	131.39	46.3		0.20	0.16
80-62-6	Methyl methacrylate	100.12	40.5		2.0	0.53
78-87-5	1,2-Dichloropropane	112.99	43.0		0.92	0.25
123-91-1	1,4-Dioxane	88.11	33.2		18	0.68
75-27-4	Bromodichloromethane	163.83	61.4		1.3	0.39
10061-01-5	cis-1,3-Dichloropropene	110.97	44.0		0.91	0.25
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	41.6		2.0	0.78
108-88-3	Toluene	92.14	36.7		0.75	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	48.5		0.91	0.28
79-00-5	1,1,2-Trichloroethane	133.41	50.2		1.1	0.29
127-18-4	Tetrachloroethene	165.83	59.8		1.4	0.24
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	41.3		2.0	0.82
124-48-1	Dibromochloromethane	208.28	77.6		1.7	0.45
106-93-4	1,2-Dibromoethane	187.87	71.8		1.5	0.35
108-90-7	Chlorobenzene	112.56	41.5		0.92	0.22
100-41-4	Ethylbenzene	106.17	41.9		0.87	0.22
179601-23-1	m,p-Xylene	106.17	84.9		2.2	0.061
95-47-6	o-Xylene	106.17	43.3		0.87	0.30
100-42-5	Styrene	104.15	43.5		0.85	0.24
75-25-2	Bromoform	252.75	95.8		2.1	0.60
98-82-8	Cumene	120.19	49.6		0.98	0.35
79-34-5	1,1,2,2-Tetrachloroethane	167.85	63.3		1.4	0.42
103-65-1	n-Propylbenzene	120.19	48.1		0.98	0.30
622-96-8	4-Ethyltoluene	120.20	49.3		0.98	0.33
108-67-8	1,3,5-Trimethylbenzene	120.20	48.1		0.98	0.33
95-49-8	2-Chlorotoluene	126.59	49.3		1.0	0.30

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

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-217812/3

Matrix: Air Lab File ID: 65728-03.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 06/25/2025 09:29

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.: 217812 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
98-06-6	tert-Butylbenzene	134.22	53.4		1.1	0.38
95-63-6	1,2,4-Trimethylbenzene	120.20	48.8		0.98	0.40
135-98-8	sec-Butylbenzene	134.22	54.2		1.1	0.40
99-87-6	4-Isopropyltoluene	134.22	53.9		1.1	0.43
541-73-1	1,3-Dichlorobenzene	147.00	54.4		1.2	0.38
106-46-7	1,4-Dichlorobenzene	147.00	55.4		1.2	0.42
100-44-7	Benzyl chloride	126.58	50.8		1.0	0.38
104-51-8	n-Butylbenzene	134.22	55.8		1.1	0.38
95-50-1	1,2-Dichlorobenzene	147.00	54.6		1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	84.2		3.7	2.2
87-68-3	Hexachlorobutadiene	260.76	107		2.1	0.83
91-20-3	Naphthalene	128.17	62.8		2.0	0.58

Report Date: 26-Jun-2025 11:08:51 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-03.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 25-Jun-2025 09:29:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065728-003
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jun-2025 11:04:07 Calib Date: 24-Jun-2025 02:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250623-65696.b\65696-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1704

First Level Reviewer: YWL8 Date: 26-Jun-2025 11:08:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.104	4.115	-0.011	97	226866	10.0	10.0	
2 Dichlorodifluoromethane	85	4.195	4.201	-0.005	99	730882	10.0	9.51	
3 Chlorodifluoromethane	51	4.233	4.243	-0.010	97	433676	10.0	9.74	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.527	4.543	-0.016	93	799521	10.0	9.24	
5 Chloromethane	50	4.639	4.655	-0.016	99	263886	10.0	9.80	
6 Vinyl chloride	62	4.933	4.949	-0.016	100	225294	10.0	8.55	
7 Butane	43	4.939	4.955	-0.016	97	308928	10.0	9.49	
8 Butadiene	54	5.046	5.062	-0.016	92	155694	10.0	8.35	
9 Bromomethane	94	5.779	5.805	-0.026	99	296415	10.0	9.04	
11 BFB									
10 Chloroethane	64	6.073	6.100	-0.027	99	169427	10.0	9.32	
12 2-Methylbutane	43	6.303	6.335	-0.032	92	327751	10.0	9.56	
13 Vinyl bromide	106	6.538	6.570	-0.032	99	296959	10.0	9.33	
14 Trichlorofluoromethane	101	6.726	6.758	-0.032	98	710698	10.0	8.98	
15 Pentane	43	6.956	6.993	-0.037	96	485448	10.0	9.58	
16 Ethanol	45	7.138	7.175	-0.037	98	212803	15.0	15.2	
18 Ethyl ether	59	7.432	7.464	-0.032	90	209640	10.0	9.81	
19 Acrolein	56	7.710	7.747	-0.037	95	123213	10.0	11.0	
20 1,1-Dichloroethene	96	7.951	7.988	-0.037	97	312007	10.0	8.86	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	7.999	8.036	-0.037	99	646159	10.0	8.71	
22 Acetone	43	8.026	8.063	-0.037	96	390959	10.0	9.51	
23 Isopropyl alcohol	45	8.373	8.411	-0.038	100	428948	10.0	9.99	
24 Carbon disulfide	76	8.443	8.480	-0.037	98	901881	10.0	9.04	
25 Acetonitrile	41	8.625	8.657	-0.032	99	196817	10.0	8.57	
26 3-Chloro-1-propene	41	8.780	8.817	-0.037	93	364257	10.0	10.1	
27 Methylene Chloride	49	9.058	9.095	-0.037	90	331228	10.0	9.06	
28 2-Methyl-2-propanol	59	9.283	9.326	-0.043	99	539524	10.0	9.19	
29 Acrylonitrile	53	9.529	9.561	-0.032	95	208070	10.0	9.89	
31 Methyl tert-butyl ether	73	9.657	9.695	-0.038	98	862053	10.0	10.0	
30 trans-1,2-Dichloroethene	61	9.668	9.700	-0.032	98	451293	10.0	9.66	
S 35 1,2-Dichloroethene, Total	61				0		20.0	18.6	
32 Hexane	57	10.267	10.299	-0.032	90	495941	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
33 1,1-Dichloroethane	63	10.561	10.593	-0.032	99	559588	10.0	8.92	
34 Vinyl acetate	43	10.567	10.604	-0.037	99	608328	10.0	11.2	
36 2-Butanone (MEK)	72	11.658	11.685	-0.027	98	163414	10.0	9.75	
37 cis-1,2-Dichloroethene	96	11.695	11.728	-0.033	93	346702	10.0	8.97	
38 Ethyl acetate	88	11.754	11.786	-0.032	99	32205	10.0	9.46	
* 39 Chlorobromomethane	128	12.161	12.188	-0.027	88	277738	10.0	10.0	
40 Tetrahydrofuran	42	12.214	12.241	-0.027	92	328956	10.0	9.50	
41 Chloroform	83	12.353	12.386	-0.033	95	642202	10.0	9.10	
42 1,1,1-Trichloroethane	97	12.701	12.728	-0.027	98	634091	10.0	8.86	
43 Cyclohexane	84	12.867	12.894	-0.027	97	460235	10.0	9.66	
44 Carbon tetrachloride	117	13.017	13.044	-0.027	99	667871	10.0	9.09	
45 Benzene	78	13.386	13.413	-0.027	95	1052273	10.0	9.22	
46 1,2-Dichloroethane	62	13.461	13.488	-0.027	93	385235	10.0	9.26	
47 Isooctane	57	13.621	13.643	-0.022	100	1655923	10.0	10.0	
48 n-Heptane	43	13.948	13.969	-0.021	89	562914	10.0	10.3	
* 49 1,4-Difluorobenzene	114	14.172	14.194	-0.022	94	1430031	10.0	10.0	
50 n-Butanol	56	14.386	14.408	-0.022	86	205883	10.0	8.25	
A 52 GRO	1	14.499	(6.325-22.672)		0	147978652	649.9	0	
51 Trichloroethene	95	14.649	14.670	-0.022	98	461198	10.0	8.62	
53 1,2-Dichloropropane	63	15.130	15.146	-0.016	78	395255	10.0	9.30	
54 Methyl methacrylate	69	15.200	15.221	-0.021	98	382243	10.0	9.90	
55 1,4-Dioxane	88	15.258	15.274	-0.016	92	205552	10.0	9.21	
57 Dibromomethane	174	15.301	15.317	-0.016	94	458775	10.0	8.63	
58 Dichlorobromomethane	83	15.617	15.633	-0.016	98	699563	10.0	9.17	
A 60 TVOC as Toluene	1	16.085	(4.105-28.065)		0	231124229	899.8	0	
59 cis-1,3-Dichloropropene	75	16.457	16.473	-0.016	89	622126	10.0	9.70	
61 4-Methyl-2-pentanone (MIBK)	43	16.708	16.719	-0.011	95	686657	10.0	10.1	
62 Toluene	92	17.136	17.147	-0.011	93	760230	10.0	9.75	
A 63 Toluene Range	1	17.168	(17.077-17.259)		0	2931383	NC	NC	
64 n-Octane	43	17.372	17.388	-0.016	90	804143	10.0	10.6	
A 65 C8 Range	1	17.388	(17.313-17.462)		0	3239709	NC	NC	
66 trans-1,3-Dichloropropene	75	17.548	17.559	-0.011	95	550523	10.0	10.7	
67 1,1,2-Trichloroethane	83	17.939	17.949	-0.010	95	373377	10.0	9.21	
68 Tetrachloroethene	166	18.169	18.179	-0.010	98	652540	10.0	8.81	
69 2-Hexanone	43	18.334	18.345	-0.011	97	637266	10.0	10.1	
70 Chlorodibromomethane	129	18.709	18.720	-0.011	98	759288	10.0	9.11	
71 Ethylene Dibromide	107	18.971	18.982	-0.011	99	679019	10.0	9.34	
* 73 Chlorobenzene-d5	117	19.897	19.907	-0.010	84	1292868	10.0	10.0	
74 Chlorobenzene	112	19.961	19.966	-0.005	96	1074913	10.0	9.01	
S 80 Xylenes, Total	106				0		30.0	29.5	
75 Ethylbenzene	91	20.143	20.153	-0.010	98	1689151	10.0	9.64	
76 m-Xylene & p-Xylene	106	20.399	20.405	-0.006	0	1352919	20.0	19.5	
77 n-Nonane	57	20.432	20.442	-0.010	88	852141	10.0	10.3	
78 o-Xylene	106	21.106	21.111	-0.005	99	635504	10.0	9.98	
79 Styrene	104	21.138	21.143	-0.005	98	1085964	10.0	10.2	
81 Bromoform	173	21.459	21.464	-0.005	99	801547	10.0	9.27	
82 Isopropylbenzene	105	21.726	21.731	-0.005	98	1924839	10.0	10.1	
83 1,1,2,2-Tetrachloroethane	83	22.186	22.192	-0.006	98	1005991	10.0	9.23	
84 1,2,3-Trichloropropane	75	22.288	22.293	-0.005	98	780651	10.0	9.09	
85 N-Propylbenzene	91	22.390	22.390	0.000	100	2355926	10.0	9.79	
86 2-Chlorotoluene	91	22.539	22.539	0.000	96	1612599	10.0	9.52	
87 4-Ethyltoluene	105	22.566	22.571	-0.005	98	1981479	10.0	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 1,3,5-Trimethylbenzene	105	22.652	22.652	0.000	94	1635861	10.0	9.79	
89 n-Decane	57	22.662	22.662	0.000	91	1132345	10.0	9.96	
90 Alpha Methyl Styrene	118	22.962	22.967	-0.005	90	849145	10.0	9.89	
91 tert-Butylbenzene	119	23.117	23.117	0.000	95	1611200	10.0	9.72	
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	97	1642747	10.0	9.93	
93 sec-Butylbenzene	105	23.433	23.438	-0.005	99	2451641	10.0	9.87	
94 1,3-Dichlorobenzene	146	23.625	23.631	-0.006	97	1176255	10.0	9.06	
95 4-Isopropyltoluene	119	23.647	23.647	0.000	98	2082567	10.0	9.82	
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	96	1186085	10.0	9.22	
97 Benzyl chloride	91	23.925	23.925	0.000	99	1421012	10.0	9.82	
98 n-Butylbenzene	91	24.251	24.251	0.000	98	1943443	10.0	10.2	
99 1,2-Dichlorobenzene	146	24.310	24.310	0.000	97	1130912	10.0	9.07	
100 Undecane	57	24.380	24.385	-0.005	95	1227470	10.0	8.98	
101 Dodecane	57	26.129	26.129	0.000	97	995773	10.0	7.74	
102 1,2,4-Trichlorobenzene	180	27.028	27.028	0.000	94	1033864	10.0	11.3	
103 Hexachlorobutadiene	225	27.295	27.301	-0.006	97	1014889	10.0	10.1	
104 Naphthalene	128	27.579	27.579	0.000	100	2084389	10.0	12.0	
105 1,2,3-Trichlorobenzene	180	28.060	28.055	0.005	96	883365	10.0	9.78	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15LCSW_00885	Amount Added: 200.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

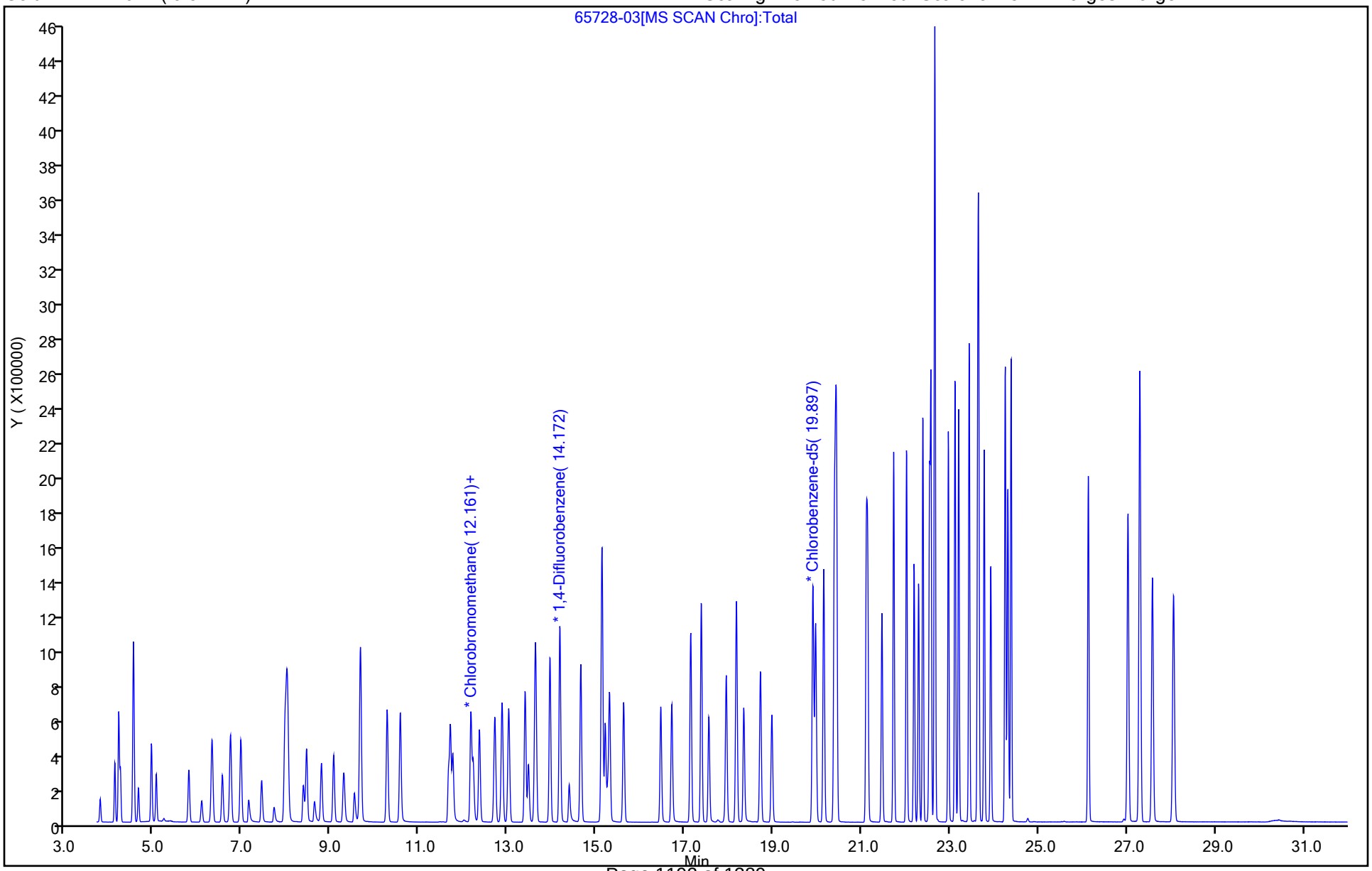
Report Date: 26-Jun-2025 11:08:51 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250625-65728.b\65728-03.d

Injection Date:	25-Jun-2025 09:29:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	LCS			Worklist Smp#:	3
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_TO3_MasterMethod_W	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.: 200-78438-1

SDG No.:

Instrument ID: CHAM.i Start Date: 05/12/2025 14:16

Analysis Batch Number: 216098 End Date: 05/13/2025 05:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-216098/1		05/12/2025 14:16	1	65121_001.D	RTX-624 0.32(mm)
IC 200-216098/4		05/12/2025 16:47	1	65111_004.D	RTX-624 0.32(mm)
IC 200-216098/6		05/12/2025 18:29	1	65111_006.D	RTX-624 0.32(mm)
ZZZZZ (QC)		05/12/2025 18:29	1		RTX-624 0.32(mm)
IC 200-216098/7		05/12/2025 19:20	1	65111_007.D	RTX-624 0.32(mm)
ZZZZZ (QC)		05/12/2025 19:20	1		RTX-624 0.32(mm)
IC 200-216098/8		05/12/2025 20:12	1	65111_008.D	RTX-624 0.32(mm)
ZZZZZ (QC)		05/12/2025 20:12	1		RTX-624 0.32(mm)
ICIS 200-216098/9		05/12/2025 21:03	1	65111_009.D	RTX-624 0.32(mm)
IC 200-216098/10		05/12/2025 21:54	1	65111_010.D	RTX-624 0.32(mm)
IC 200-216098/13		05/13/2025 00:28	1	65111_013.D	RTX-624 0.32(mm)
IC 200-216098/14		05/13/2025 01:19	1	65111_014.D	RTX-624 0.32(mm)
ZZZZZ (Client)		05/13/2025 02:10	1		RTX-624 0.32(mm)
ICV 200-216098/19		05/13/2025 05:35	1	65111_019.D	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Instrument ID: CHW.i Start Date: 06/23/2025 13:58

Analysis Batch Number: 217752 End Date: 06/24/2025 05:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-217752/1		06/23/2025 13:58	1	65696-01.d	RTX-624 0.32(mm)
IC 200-217752/4		06/23/2025 16:41	1	65696-04.d	RTX-624 0.32(mm)
IC 200-217752/6		06/23/2025 18:29	1	65696-06.d	RTX-624 0.32(mm)
ZZZZZ		06/23/2025 19:22	1		RTX-624 0.32(mm)
IC 200-217752/8		06/23/2025 20:15	1	65696-08.d	RTX-624 0.32(mm)
ICIS 200-217752/10		06/23/2025 22:01	1	65696-10.d	RTX-624 0.32(mm)
IC 200-217752/11		06/23/2025 22:55	1	65696-11.d	RTX-624 0.32(mm)
IC 200-217752/12		06/23/2025 23:49	1	65696-12.d	RTX-624 0.32(mm)
IC 200-217752/14		06/24/2025 01:34	1	65696-14.d	RTX-624 0.32(mm)
IC 200-217752/15		06/24/2025 02:26	1	65696-15.d	RTX-624 0.32(mm)
ZZZZZ (Client)		06/24/2025 03:18	1		RTX-624 0.32(mm)
ICV 200-217752/18		06/24/2025 05:03	1	65696-18.d	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Instrument ID: CHW.i Start Date: 06/24/2025 09:31

Analysis Batch Number: 217778 End Date: 06/25/2025 05:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-217778/1		06/24/2025 09:31	1	65709-01.d	RTX-624 0.32(mm)
CCVIS 200-217778/2		06/24/2025 10:38	1	65709-02.d	RTX-624 0.32(mm)
LCS 200-217778/3		06/24/2025 11:32	1	65709-03.D	RTX-624 0.32(mm)
MB 200-217778/5		06/24/2025 13:45	1	65709-05.d	RTX-624 0.32(mm)
ZZZZZ (Client)		06/24/2025 14:39	1		RTX-624 0.32(mm)
200-78438-1	RXSV-04	06/24/2025 16:28	1	65709-08.d	RTX-624 0.32(mm)
200-78438-1 DL	RXSV-04 DL	06/24/2025 17:23	12.5	65709-09.d	RTX-624 0.32(mm)
200-78438-2	DUP-SV-06202025	06/24/2025 18:16	1	65709-10.d	RTX-624 0.32(mm)
ZZZZZ (Client)		06/24/2025 19:10	10		RTX-624 0.32(mm)
200-78438-3	RXSV-05	06/24/2025 20:03	4	65709-12.d	RTX-624 0.32(mm)
200-78438-3 DL	RXSV-05 DL	06/24/2025 20:56	12.5	65709-13.d	RTX-624 0.32(mm)
200-78438-4	RXSV-01	06/24/2025 21:48	10	65709-14.d	RTX-624 0.32(mm)
ZZZZZ (Client)		06/24/2025 22:41	40		RTX-624 0.32(mm)
200-78438-5	RXSV-09	06/24/2025 23:34	4	65709-16.d	RTX-624 0.32(mm)
200-78438-5 DL	RXSV-09 DL	06/25/2025 00:26	12.5	65709-17.d	RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 01:19	1		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 02:11	10		RTX-624 0.32(mm)
ZZZZZ (QC)		06/25/2025 03:04	10		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 03:56	10		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 04:49	10		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 05:55	0.2		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Instrument ID: CHAM.i Start Date: 06/25/2025 07:18

Analysis Batch Number: 217811 End Date: 06/26/2025 05:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-217811/1		06/25/2025 07:18	1	65727_001.D	RTX-624 0.32(mm)
CCVIS 200-217811/3		06/25/2025 08:59	1	65727_003.D	RTX-624 0.32(mm)
LCS 200-217811/4		06/25/2025 09:51	1	65727_004.D	RTX-624 0.32(mm)
ZZZZZ		06/25/2025 10:43	1		RTX-624 0.32(mm)
MB 200-217811/6		06/25/2025 11:35	1	65727_006.D	RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 12:27	1		RTX-624 0.32(mm)
200-78438-2 DL	DUP-SV-06202025 DL	06/25/2025 13:18	20	65727_008.D	RTX-624 0.32(mm)
200-78438-4 DL	RXSV-01 DL	06/25/2025 14:10	101	65727_009.D	RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 15:02	10		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 15:55	10		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 16:47	10		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 17:39	10		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 18:39	1		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 19:30	1		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 20:22	10		RTX-624 0.32(mm)
ZZZZZ (QC)		06/25/2025 21:14	10		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 22:09	1		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 23:01	1		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 23:52	1		RTX-624 0.32(mm)
ZZZZZ (Client)		06/26/2025 00:44	1		RTX-624 0.32(mm)
ZZZZZ (Client)		06/26/2025 01:35	5		RTX-624 0.32(mm)
ZZZZZ (Client)		06/26/2025 02:27	25		RTX-624 0.32(mm)
ZZZZZ (Client)		06/26/2025 03:18	1		RTX-624 0.32(mm)
ZZZZZ (Client)		06/26/2025 04:10	8		RTX-624 0.32(mm)
ZZZZZ (Client)		06/26/2025 05:01	1		RTX-624 0.32(mm)
ZZZZZ (Client)		06/26/2025 05:53	2.99		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Instrument ID: CHW.i Start Date: 06/25/2025 07:42

Analysis Batch Number: 217812 End Date: 06/26/2025 06:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-217812/1		06/25/2025 07:42	1	65728-01.d	RTX-624 0.32(mm)
CCVIS 200-217812/2		06/25/2025 08:36	1	65728-02.d	RTX-624 0.32(mm)
LCS 200-217812/3		06/25/2025 09:29	1	65728-03.d	RTX-624 0.32(mm)
MB 200-217812/5		06/25/2025 11:12	1	65728-05.d	RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 12:05	1		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 12:57	1		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 13:49	10		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 14:42	1		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 15:34	2		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 16:28	1		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 17:22	2.99		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 18:14	20		RTX-624 0.32(mm)
ZZZZZ (QC)		06/25/2025 19:06	20		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 19:58	10		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 20:50	10		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 21:43	10		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 22:35	1		RTX-624 0.32(mm)
ZZZZZ (Client)		06/25/2025 23:27	2.99		RTX-624 0.32(mm)
ZZZZZ (Client)		06/26/2025 00:19	1		RTX-624 0.32(mm)
ZZZZZ (Client)		06/26/2025 01:10	1		RTX-624 0.32(mm)
ZZZZZ (Client)		06/26/2025 02:03	5		RTX-624 0.32(mm)
ZZZZZ (Client)		06/26/2025 02:54	1		RTX-624 0.32(mm)
ZZZZZ (Client)		06/26/2025 03:46	1		RTX-624 0.32(mm)
ZZZZZ (Client)		06/26/2025 04:37	10		RTX-624 0.32(mm)
200-78438-6	RXSV-07	06/26/2025 05:29	200	65728-26.d	RTX-624 0.32(mm)
200-78438-6 DL	RXSV-07 DL	06/26/2025 06:21	1040	65728-27.d	RTX-624 0.32(mm)

Post-Sampling Air Canister Pressure Check Record

Login # (w/ Location Code)	Analyst	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gauge ID
200-78438	ZK	6/23/2025	11:09	29.6	24.4	G36

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	Yes		
(2) Is the flow controller ID used for each canister recorded?	Yes		
(3) MA MCP & NJ DKQP: Check return flow rate for flow controllers		No	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?		No	
If damage observed, list equipment IDs and describe condition:			

Laboratory	Canister ID	Pressure Hg" [1]	Fail (Y/N)[2]	Sampling FC ID[3]	FC Check Reference	Return (Y/N)	Can Cert	Comments
200-78438-A-1	4070	-7.0	N	4532	107/61	Y	3390-65160	
200-78438-A-2	5081	-6.9	N	3118	107/20	Y	3390-65160	
200-78438-A-3	3253	-7.9	N	3470	107/20	Y	5455-64975	
200-78438-A-4	3462	-6.5	N	5187	107/53	Y	5455-64975	
200-78438-A-5	2944	-9.6	N	7631	107/53	Y	3643-64994	
200-78438-A-6	34000461	-6.7	N	5203	107/61	Y	3643-64994	

[1] Criteria: Return Pressure should be between -1 and -12 ("Hg) with the exception of grab samples.
Grab samples, or if using 100 or 200mL/minute flow controllers, must be returned at no lower than -12"Hg, but have no other specific criteria.

[2] If return pressure is not within criteria, initiate Non-Conformance Memo

[3] Subtract the return pressure from the final field pressure reading recorded on the FTDS.

[4] The difference should be less than ± 2.3 ("Hg), if it is not, initiate Non-Conformance Memo.

[5] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Batch Number: 216098 Batch Start Date: 05/12/25 14:16 Batch Analyst: Bourdeau, Timothy P

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ATTO15AMISs 00004	ATTO15CAL1w 00276	ATTO15CAL2w 00358	ATTO15CAL3w 00286
BFB 200-216098/1		TO-15			200 mL	200 mL	20 mL			
IC 200-216098/4		TO-15			200 mL	200 mL	20 mL	35 mL		
IC 200-216098/6		TO-15			200 mL	200 mL	20 mL	170 mL		
IC 200-216098/7		TO-15			200 mL	200 mL	20 mL		170 mL	
IC 200-216098/8		TO-15			200 mL	200 mL	20 mL			170 mL
ICIS 200-216098/9		TO-15			200 mL	200 mL	20 mL			
IC 200-216098/10		TO-15			200 mL	200 mL	20 mL			
IC 200-216098/13		TO-15			200 mL	200 mL	20 mL			
IC 200-216098/14		TO-15			200 mL	200 mL	20 mL			
ICV 200-216098/19		TO-15			200 mL	200 mL	20 mL			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ATTO15CAL4w 00834	ATTO15CAL5w 00153	ATTO15CAL6w 00243	ATTO15CAL7w 00153	ATTO15LCSW 00884	
BFB 200-216098/1		TO-15								
IC 200-216098/4		TO-15								
IC 200-216098/6		TO-15								
IC 200-216098/7		TO-15								
IC 200-216098/8		TO-15								
ICIS 200-216098/9		TO-15			200 mL					
IC 200-216098/10		TO-15				200 mL				
IC 200-216098/13		TO-15					200 mL			
IC 200-216098/14		TO-15						200 mL		
ICV 200-216098/19		TO-15							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.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Batch Number: 216098 Batch Start Date: 05/12/25 14:16 Batch Analyst: Bourdeau, Timothy P

Batch Method: TO-15 Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Batch Number: 217752 Batch Start Date: 06/23/25 13:58 Batch Analyst: Bourdeau, Timothy P

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ATTO15CAL1w 00277	ATTO15CAL2w 00359	ATTO15CAL3w 00287	ATTO15CAL4w 00835
BFB 200-217752/1		TO-15			200 mL	200 mL				
IC 200-217752/4		TO-15			200 mL	200 mL	35 mL			
IC 200-217752/6		TO-15			200 mL	200 mL	170 mL			
IC 200-217752/8		TO-15			200 mL	200 mL			170 mL	
ICIS 200-217752/10		TO-15			200 mL	200 mL				200 mL
IC 200-217752/11		TO-15			200 mL	200 mL		170 mL		
IC 200-217752/12		TO-15			200 mL	200 mL				
IC 200-217752/14		TO-15			200 mL	200 mL				
IC 200-217752/15		TO-15			200 mL	200 mL				
ICV 200-217752/18		TO-15			200 mL	200 mL				

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ATTO15CAL5w 00153	ATTO15CAL6w 00244	ATTO15CAL7w 00154	ATTO15LCSW 00885	ATTO15WISs 00010	
BFB 200-217752/1		TO-15							20 mL	
IC 200-217752/4		TO-15							20 mL	
IC 200-217752/6		TO-15							20 mL	
IC 200-217752/8		TO-15							20 mL	
ICIS 200-217752/10		TO-15							20 mL	
IC 200-217752/11		TO-15							20 mL	
IC 200-217752/12		TO-15			200 mL				20 mL	
IC 200-217752/14		TO-15				200 mL			20 mL	
IC 200-217752/15		TO-15					200 mL		20 mL	
ICV 200-217752/18		TO-15						200 mL	20 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.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Batch Number: 217752 Batch Start Date: 06/23/25 13:58 Batch Analyst: Bourdeau, Timothy P

Batch Method: TO-15 Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Batch Number: 217778 Batch Start Date: 06/24/25 09:31 Batch Analyst: Bunma, Arthit 1

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ATTO15CAL4w 00835	ATTO15LCSW 00885	ATTO15WISs 00010	
BFB 200-217778/1		TO-15			200 mL	200 mL			20 mL	
CCVIS 200-217778/2		TO-15			200 mL	200 mL	200 mL		20 mL	
LCS 200-217778/3		TO-15			200 mL	200 mL		200 mL	20 mL	
MB 200-217778/5		TO-15			200 mL	200 mL			20 mL	
200-78438-A-1	RXSV-04	TO-15	Air	T	200 mL	200 mL			20 mL	
200-78438-A-1	RXSV-04	TO-15	Air	T	16 mL	200 mL			20 mL	
200-78438-A-2	DUP-SV-06202025	TO-15	Air	T	200 mL	200 mL			20 mL	
200-78438-A-3	RXSV-05	TO-15	Air	T	50 mL	200 mL			20 mL	
200-78438-A-3	RXSV-05	TO-15	Air	T	16 mL	200 mL			20 mL	
200-78438-A-4	RXSV-01	TO-15	Air	T	80 mL	200 mL			20 mL	
200-78438-A-5	RXSV-09	TO-15	Air	T	50 mL	200 mL			20 mL	
200-78438-A-5	RXSV-09	TO-15	Air	T	16 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.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Batch Number: 217811 Batch Start Date: 06/25/25 07:18 Batch Analyst: Puangmalee, Kesanee 1

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ATTO15AMISs 00004	ATTO15CAL4w 00835	ATTO15LCSW 00885	
BFB 200-217811/1		TO-15			200 mL	200 mL	20 mL			
CCVIS 200-217811/3		TO-15			200 mL	200 mL	20 mL	200 mL		
LCS 200-217811/4		TO-15			200 mL	200 mL	20 mL		200 mL	
MB 200-217811/6		TO-15			200 mL	200 mL	20 mL			
200-78438-A-2	DUP-SV-06202025	TO-15	Air	T	10 mL	200 mL	20 mL			
200-78438-A-4	RXSV-01	TO-15	Air	T	8 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.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-78438-1

SDG No.:

Batch Number: 217812 Batch Start Date: 06/25/25 07:42 Batch Analyst: Puangmalee, Kesanee 1

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ATTO15CAL4w 00835	ATTO15LCSW 00885	ATTO15WISs 00010	
BFB 200-217812/1		TO-15			200 mL	200 mL			20 mL	
CCVIS 200-217812/2		TO-15			200 mL	200 mL	200 mL		20 mL	
LCS 200-217812/3		TO-15			200 mL	200 mL		200 mL	20 mL	
MB 200-217812/5		TO-15			200 mL	200 mL			20 mL	
200-78438-A-6	RXSV-07	TO-15	Air	T	83 mL	200 mL			20 mL	
200-78438-A-6	RXSV-07	TO-15	Air	T	16 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.

Summa Canister Dilution Worksheet

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job No.: 200-78438-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initals
200-78438-4	6	-4.4	0.85	5.12	35.9	3.44	20.65		4.04	4.04	g43	06/24/25 14:40	VTP
200-78438-6	6	-6.4	0.79	4.72	42.2	3.87	23.22		4.92	4.92	g43	06/24/25 14:53	VTP
200-78438-6	6	0	1.00	6.00	40.2	3.73	22.41		3.73	18.39	g43	06/24/25 14:58	VTP
200-78438-6	6	0	1.00	6.00	51.7	4.52	27.10		4.52	83.07	G43	06/25/25 14:13	TPB

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg
Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig)* Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Top Rack	10		4/29/2025	1400	21	21	SML III	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	2974	0	0	0	-29.1	GA01	4/30/25	1306	KS	21.0	GA01	5/18/25	1250	KS	22.0
2	3209			0		GA01					GA01				
3	3543			0		GA01					GA01				
4	34000925			0		GA01					GA01				
5	34000461			0		GA01					GA01				
6	34000189			0		GA01					GA01				
7	4943			0		GA01					GA01				
8	2860			0		GA01					GA01				
9	4819			0		GA01					GA01				
10	4359			0		GA01					GA01				
11	2778			0		GA01					GA01				
12	3643	0	0	0	-29.6	GA01	4/ 5/21/25	1645	KS	22.0	GA01	5/21/25	1646	KS	22.0

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Review
3643	5/6/25	64994	KPI		XXXXXX				5/6/25	TPB

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

200-77862-A-12
3643
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 4/29/2025 12:00 AM 200-1998549
Loc: 200
77862
#12 A
Air-Storag

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max Diff	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Bottom Rack	10	25	4/29/2025	1400	21	21	SML III	6 liter	batch

Port	Can ID	Initial (psia)	Final (psia)	Diff	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	5646	0	0	0	-29.5	GA01	4/30/25	1305	DS	21.0	GA01	5/19/25	1345	DS	22.0
2	9287			0		GA01					GA01				
3	34001181			0		GA01					GA01				
4	2907			0		GA01					GA01				
5	4473			0		GA01					GA01				
6	2659			0		GA01					GA01				
7	4069			0		GA01					GA01				
8	2547			0		GA01					GA01				
9	4787			0		GA01					GA01				
10	4073			0		GA01					GA01				
11	3462			0		GA01					GA01				
12	5455	0	0	0	-29.6	GA01	5/21/25	1645	DS	22.0	GA01	5/21/25	1645	DS	22.0

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Review
5455	5/3/25	64975	AB1		XXXXX				5/3/25	CC

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

200-77863-A-12
5455
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 4/29/2025 12:00 AM 200-1995581
Loc: 200
77863
#12 A
Air-Storag

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Top Rack	10	25	5/13/2025	1130	21	21	SML III	6 liter	batch

						Initial Reading					Final Reading				
Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Gauge:	Date:	Time:	Tech:	Temp:	Gauge:	Date:	Time:	Tech:	Temp:
1	3658	0	0	0	-28.8	GA01	5/14/25	1615	KJ3	22.0	GA01	5/31/25	1505	KJ3	22.0
2	3654			0		GA01					GA01				
3	9213			0		GA01					GA01				
4	5081			0		GA01					GA01				
5	2861			0		GA01					GA01				
6	4459			0		GA01					GA01				
7	3390	0	0	0	-29.7	GA01	6/4/25	1508	KJ3	22.0	GA01	6/4/25	1508	KJ3	22.0
8	5983	0	0	0	-28.8	GA01	5/14/25	1615	KJ3	22.0	GA01	5/31/25	1505	KJ3	22.0
9	3084			0		GA01					GA01				
10	4070			0		GA01					GA01				
11	3537			0		GA01					GA01				
12	4289			0		GA01					GA01				

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

				Inventory Level				Secondary Review		
Can ID	Date	Sequence	Analyst	1	2	3	4	Limited	Review Date	Revi
3390	5/19/25	65160	KPJ		XXXXX				5/19/25	TPB

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

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200-78004-A-7
3390
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 6/13/2025 12:00 AM
200-2001065

Loc: 200
78004
#7 A
Air-Storag

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Bottom Rack	10	25	5/15/2025	1000	21	21	SML III	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	2944	0	0	0	-29.2	GA01	5/16/25	1226	[illegible]	23.0	GA01	6/1/25	1030	[illegible]	22.0
2	4329			0		GA01					GA01				
3	3686			0		GA01					GA01				
4	5062			0		GA01					GA01				
5	4236			0		GA01					GA01				
6	2908			0		GA01					GA01				
7	5129			0		GA01					GA01				
8	34001609	0	0	0	29.7	GA01	6/1/25	1030	[illegible]	23.0	GA01	6/5/25	1130		-23.0
9	3253	0	0	0	-29.2	GA01	5/16/25	1226	[illegible]	23.0	GA01	6/1/25	1030	[illegible]	22.0
10	5431			0		GA01					GA01				
11	5068			0		GA01					GA01				
12	3025			0		GA01					GA01				

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Revie
34001609	5/21/25	65203	AB1		XXXXXXX				5/21/25	JMB

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

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Form ID: FAI023:12
Revision Date: 12/18/2018

TestAmerica Burlington

200-78029-A-8
34001609
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 5/15/2025 12:00 AM
200-2002480

Loc: 200
78029
#8
A
Air-Storag

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

Lab Name: Eurofins Burlington Job No.: 200-77862-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 64994_004.D

Lab ID: LCS 200-215821/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Ethylbenzene	10.0	10.6	106	74-122	
Styrene	10.0	10.7	107	74-125	
1,3-Dichloropropene, cis-	10.0	10.5	105	74-125	
1,3-Dichloropropene, trans-	10.0	11.8	118	74-128	
1,4-Dichlorobenzene	10.0	10.2	102	67-132	
1,2-Dibromoethane	10.0	10.2	102	78-122	
1,3-Butadiene	10.0	11.3	113	58-139	
Allyl chloride	10.0	10.4	104	50-150	
1,2-Dichloroethane	10.0	11.3	113	68-135	
Methyl isobutyl ketone (MIBK)	10.0	11.1	111	58-144	
1,3,5-Trimethylbenzene	10.0	10.6	106	72-126	
Toluene	10.0	10.2	102	75-122	
Chlorobenzene	10.0	10.1	101	76-119	
Tetrahydrofuran	10.0	10.3	103	60-149	
Hexane	10.0	10.5	105	63-138	
Cyclohexane	10.0	9.92	99	76-124	
1,2,4-Trichlorobenzene	10.0	11.5	115	50-150	
1,4-Dioxane	10.0	9.46	95	66-129	
Dibromochloromethane	10.0	10.1	101	73-125	
Tetrachloroethene	10.0	10.3	103	70-125	
n-Heptane	10.0	10.8	108	60-142	
1,2-Dichloroethene, cis-	10.0	9.71	97	72-121	
1,2-Dichloroethene, trans-	10.0	11.1	111	69-137	
Methyl tert-butyl ether	10.0	10.8	108	70-127	
m,p-Xylene	20.0	20.4	102	76-121	
2,2,4-Trimethylpentane	10.0	10.6	106	68-131	
1,3-Dichlorobenzene	10.0	10.0	100	69-131	
Carbon tetrachloride	10.0	10.5	105	71-133	
Vinyl bromide	10.0	10.2	102	75-125	
4-Ethyltoluene	10.0	10.6	106	75-129	
Ethanol	15.0	16.4	109	50-150	
Isopropanol	10.0	12.6	126	53-142	
Acetone	10.0	11.5	115	54-154	
Chloroform	10.0	10.6	106	73-124	
Benzene	10.0	10.1	101	73-119	
1,1,1-Trichloroethane	10.0	10.6	106	72-127	
Bromomethane	10.0	10.1	101	72-124	
Chloromethane	10.0	10.4	104	56-141	
Chloroethane	10.0	10.2	102	68-130	
Vinyl chloride	10.0	10.8	108	61-135	
Methylene Chloride	10.0	10.3	103	59-137	
Carbon disulfide	10.0	9.83	98	71-138	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: Eurofins Burlington Job No.: 200-77862-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 64994_004.D

Lab ID: LCS 200-215821/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromoform	10.0	9.60	96	53-149	
Bromodichloromethane	10.0	10.6	106	75-127	
1,1-Dichloroethane	10.0	10.5	105	66-130	
1,1-Dichloroethene	10.0	9.09	91	68-120	
tert-Butyl alcohol	10.0	10.4	104	66-132	
Trichlorofluoromethane	10.0	10.8	108	70-129	
Dichlorodifluoromethane	10.0	10.7	107	61-142	
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.88	99	70-121	
1,2-Dichlorotetrafluoroethane	10.0	10.5	105	71-141	
1,2-Dichloropropane	10.0	10.4	104	69-128	
Methyl ethyl ketone (MEK)	10.0	8.38	84	72-124	
1,1,2-Trichloroethane	10.0	10.5	105	75-126	
Trichloroethene	10.0	10.3	103	73-122	
1,1,2,2-Tetrachloroethane	10.0	10.3	103	74-126	
Methyl methacrylate	10.0	10.3	103	73-129	
Hexachlorobutadiene	10.0	10.8	108	58-130	
Naphthalene	10.0	11.8	118	50-150	
Xylene, o-	10.0	10.3	103	73-123	
2-Chlorotoluene	10.0	10.6	106	74-126	
1,2-Dichlorobenzene	10.0	9.96	100	68-129	
1,2,4-Trimethylbenzene	10.0	10.5	105	71-129	
2-Hexanone	10.0	11.6	116	57-143	
Propene	10.0	10.8	108	50-158	
Chlorodifluoromethane	10.0	10.9	110	60-147	
Butane	10.0	11.3	113	53-151	
Vinyl acetate	10.0	12.4	124	59-149	
Ethyl acetate	10.0	10.1	101	70-131	
Isopropylbenzene	10.0	10.3	103	73-123	
N-Propylbenzene	10.0	10.6	106	73-127	
tert-Butylbenzene	10.0	10.0	100	71-125	
sec-Butylbenzene	10.0	10.3	103	70-128	
4-Isopropyltoluene	10.0	10.2	102	68-130	
Benzyl chloride	10.0	10.5	105	60-136	
n-Butylbenzene	10.0	10.8	108	65-137	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: Eurofins Burlington Job No.: 200-77863-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 64975_003.D

Lab ID: LCS 200-215773/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	10.6	106	50-158	
Dichlorodifluoromethane	10.0	11.0	110	61-142	
Freon 22	10.0	11.1	111	60-147	
1,2-Dichlorotetrafluoroethane	10.0	10.5	105	71-141	
Chloromethane	10.0	10.1	101	56-141	
n-Butane	10.0	11.1	111	53-151	
Vinyl chloride	10.0	10.7	107	61-135	
1,3-Butadiene	10.0	11.2	112	58-139	
Bromomethane	10.0	10.0	100	72-124	
Chloroethane	10.0	10.0	100	68-130	
Bromoethene(Vinyl Bromide)	10.0	10.2	102	75-125	
Trichlorofluoromethane	10.0	11.2	113	70-129	
Ethanol	15.0	16.0	107	50-150	
Freon TF	10.0	9.90	99	70-121	
1,1-Dichloroethene	10.0	9.00	90	68-120	
Acetone	10.0	11.6	116	54-154	
Isopropyl alcohol	10.0	12.6	126	53-142	
Carbon disulfide	10.0	9.74	97	71-138	
3-Chloropropene	10.0	10.2	102	50-150	
Methylene Chloride	10.0	10.3	103	59-137	
tert-Butyl alcohol	10.0	10.4	104	66-132	
Methyl tert-butyl ether	10.0	10.9	109	70-127	
trans-1,2-Dichloroethene	10.0	11.1	111	69-137	
n-Hexane	10.0	10.4	104	63-138	
1,1-Dichloroethane	10.0	10.5	105	66-130	
Vinyl acetate	10.0	12.2	122	59-149	
Ethyl acetate	10.0	9.91	99	70-131	
Methyl Ethyl Ketone	10.0	8.18	82	72-124	
cis-1,2-Dichloroethene	10.0	9.68	97	72-121	
Chloroform	10.0	10.8	108	73-124	
Tetrahydrofuran	10.0	9.96	100	60-149	
1,1,1-Trichloroethane	10.0	10.9	109	72-127	
Cyclohexane	10.0	9.83	98	76-124	
Carbon tetrachloride	10.0	11.0	110	71-133	
2,2,4-Trimethylpentane	10.0	10.4	104	68-131	
Benzene	10.0	9.92	99	73-119	
1,2-Dichloroethane	10.0	11.6	116	68-135	
n-Heptane	10.0	10.5	105	60-142	
Trichloroethene	10.0	10.3	103	73-122	
Methyl methacrylate	10.0	10.2	102	73-129	
1,2-Dichloropropane	10.0	10.2	102	69-128	
1,4-Dioxane	10.0	9.35	94	66-129	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: Eurofins Burlington Job No.: 200-77863-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 64975_003.D

Lab ID: LCS 200-215773/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	10.9	109	75-127	
cis-1,3-Dichloropropene	10.0	10.4	104	74-125	
methyl isobutyl ketone	10.0	10.9	109	58-144	
Toluene	10.0	10.1	101	75-122	
trans-1,3-Dichloropropene	10.0	11.8	118	74-128	
1,1,2-Trichloroethane	10.0	10.4	104	75-126	
Tetrachloroethene	10.0	10.3	103	70-125	
Methyl Butyl Ketone (2-Hexanone)	10.0	11.4	114	57-143	
Dibromochloromethane	10.0	10.2	102	73-125	
1,2-Dibromoethane	10.0	10.1	101	78-122	
Chlorobenzene	10.0	10.0	100	76-119	
Ethylbenzene	10.0	10.5	105	74-122	
m,p-Xylene	20.0	20.4	102	76-121	
Xylene, o-	10.0	10.2	102	73-123	
Styrene	10.0	10.6	106	74-125	
Bromoform	10.0	9.74	97	53-149	
Cumene	10.0	10.4	104	73-123	
1,1,2,2-Tetrachloroethane	10.0	10.2	102	74-126	
n-Propylbenzene	10.0	10.7	107	73-127	
4-Ethyltoluene	10.0	10.7	107	75-129	
1,3,5-Trimethylbenzene	10.0	10.7	107	72-126	
2-Chlorotoluene	10.0	10.6	106	74-126	
tert-Butylbenzene	10.0	10.2	102	71-125	
1,2,4-Trimethylbenzene	10.0	10.6	106	71-129	
sec-Butylbenzene	10.0	10.5	105	70-128	
4-Isopropyltoluene	10.0	10.3	103	68-130	
1,3-Dichlorobenzene	10.0	10.1	101	69-131	
1,4-Dichlorobenzene	10.0	10.3	103	67-132	
Benzyl chloride	10.0	10.5	105	60-136	
n-Butylbenzene	10.0	10.9	109	65-137	
1,2-Dichlorobenzene	10.0	10.1	101	68-129	
1,2,4-Trichlorobenzene	10.0	11.4	114	50-150	
Hexachlorobutadiene	10.0	11.0	110	58-130	
Naphthalene	10.0	11.6	116	50-150	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: Eurofins Burlington Job No.: 200-78004-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 65160-04.d

Lab ID: LCS 200-216245/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	8.57	86	50-158	
Dichlorodifluoromethane	10.0	9.39	94	61-142	
Freon 22	10.0	9.30	93	60-147	
1,2-Dichlorotetrafluoroethane	10.0	9.81	98	71-141	
Chloromethane	10.0	8.68	87	56-141	
n-Butane	10.0	7.48	75	53-151	
Vinyl chloride	10.0	8.20	82	61-135	
1,3-Butadiene	10.0	7.74	77	58-139	
Bromomethane	10.0	9.28	93	72-124	
Chloroethane	10.0	8.76	88	68-130	
Bromoethene(Vinyl Bromide)	10.0	9.97	100	75-125	
Trichlorofluoromethane	10.0	10.1	101	70-129	
Ethanol	15.0	12.2	81	50-150	
Freon TF	10.0	9.61	96	70-121	
1,1-Dichloroethene	10.0	9.51	95	68-120	
Acetone	10.0	8.85	89	54-154	
Isopropyl alcohol	10.0	8.67	87	53-142	
Carbon disulfide	10.0	8.91	89	71-138	
3-Chloropropene	10.0	7.62	76	50-150	
Methylene Chloride	10.0	8.67	87	59-137	
tert-Butyl alcohol	10.0	8.45	85	66-132	
Methyl tert-butyl ether	10.0	9.66	97	70-127	
trans-1,2-Dichloroethene	10.0	9.97	100	69-137	
n-Hexane	10.0	9.04	90	63-138	
1,1-Dichloroethane	10.0	9.41	94	66-130	
Vinyl acetate	10.0	8.99	90	59-149	
Ethyl acetate	10.0	9.60	96	70-131	
Methyl Ethyl Ketone	10.0	7.48	75	72-124	
cis-1,2-Dichloroethene	10.0	9.31	93	72-121	
Chloroform	10.0	9.76	98	73-124	
Tetrahydrofuran	10.0	8.56	86	60-149	
1,1,1-Trichloroethane	10.0	10.4	104	72-127	
Cyclohexane	10.0	9.89	99	76-124	
Carbon tetrachloride	10.0	11.1	111	71-133	
2,2,4-Trimethylpentane	10.0	9.88	99	68-131	
Benzene	10.0	9.87	99	73-119	
1,2-Dichloroethane	10.0	10.7	107	68-135	
n-Heptane	10.0	9.44	94	60-142	
Trichloroethene	10.0	10.6	106	73-122	
Methyl methacrylate	10.0	9.72	97	73-129	
1,2-Dichloropropane	10.0	10.0	100	69-128	
1,4-Dioxane	10.0	10.0	100	66-129	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: Eurofins Burlington Job No.: 200-78004-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 65160-04.d

Lab ID: LCS 200-216245/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	10.4	104	75-127	
cis-1,3-Dichloropropene	10.0	10.1	101	74-125	
methyl isobutyl ketone	10.0	9.61	96	58-144	
Toluene	10.0	9.80	98	75-122	
trans-1,3-Dichloropropene	10.0	11.5	115	74-128	
1,1,2-Trichloroethane	10.0	9.75	98	75-126	
Tetrachloroethene	10.0	10.4	104	70-125	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.28	93	57-143	
Dibromochloromethane	10.0	9.85	98	73-125	
1,2-Dibromoethane	10.0	9.76	98	78-122	
Chlorobenzene	10.0	9.94	99	76-119	
Ethylbenzene	10.0	9.94	99	74-122	
m,p-Xylene	20.0	20.7	103	76-121	
Xylene, o-	10.0	10.4	104	73-123	
Styrene	10.0	10.8	108	74-125	
Bromoform	10.0	9.89	99	53-149	
Cumene	10.0	10.2	102	73-123	
1,1,2,2-Tetrachloroethane	10.0	9.62	96	74-126	
n-Propylbenzene	10.0	10.2	102	73-127	
4-Ethyltoluene	10.0	10.7	107	75-129	
1,3,5-Trimethylbenzene	10.0	10.7	107	72-126	
2-Chlorotoluene	10.0	10.2	102	74-126	
tert-Butylbenzene	10.0	10.5	105	71-125	
1,2,4-Trimethylbenzene	10.0	10.7	107	71-129	
sec-Butylbenzene	10.0	10.5	105	70-128	
4-Isopropyltoluene	10.0	10.5	105	68-130	
1,3-Dichlorobenzene	10.0	10.6	106	69-131	
1,4-Dichlorobenzene	10.0	10.7	107	67-132	
Benzyl chloride	10.0	10.0	100	60-136	
n-Butylbenzene	10.0	10.5	105	65-137	
1,2-Dichlorobenzene	10.0	10.5	105	68-129	
1,2,4-Trichlorobenzene	10.0	11.6	116	50-150	
Hexachlorobutadiene	10.0	11.4	114	58-130	
Naphthalene	10.0	11.1	111	50-150	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: Eurofins Burlington Job No.: 200-78029-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 65203-04.d

Lab ID: LCS 200-216346/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Ethylbenzene	10.0	10.4	104	74-122	
Styrene	10.0	11.3	113	74-125	
1,3-Dichloropropene, cis-	10.0	10.6	106	74-125	
1,3-Dichloropropene, trans-	10.0	12.1	121	74-128	
1,4-Dichlorobenzene	10.0	11.3	113	67-132	
1,2-Dibromoethane	10.0	10.2	102	78-122	
1,3-Butadiene	10.0	8.26	83	58-139	
Allyl chloride	10.0	8.01	80	50-150	
1,2-Dichloroethane	10.0	11.3	113	68-135	
Methyl isobutyl ketone (MIBK)	10.0	10.3	103	58-144	
1,3,5-Trimethylbenzene	10.0	11.3	113	72-126	
Toluene	10.0	10.3	103	75-122	
Chlorobenzene	10.0	10.4	104	76-119	
Tetrahydrofuran	10.0	9.12	91	60-149	
Hexane	10.0	9.47	95	63-138	
Cyclohexane	10.0	10.6	106	76-124	
1,2,4-Trichlorobenzene	10.0	12.4	124	50-150	
1,4-Dioxane	10.0	10.6	106	66-129	
Dibromochloromethane	10.0	10.3	103	73-125	
Tetrachloroethene	10.0	10.9	109	70-125	
n-Heptane	10.0	10.0	100	60-142	
1,2-Dichloroethene, cis-	10.0	9.70	97	72-121	
1,2-Dichloroethene, trans-	10.0	10.5	105	69-137	
Methyl tert-butyl ether	10.0	10.2	102	70-127	
m,p-Xylene	20.0	21.6	108	76-121	
2,2,4-Trimethylpentane	10.0	10.4	104	68-131	
1,3-Dichlorobenzene	10.0	11.1	111	69-131	
Carbon tetrachloride	10.0	11.7	117	71-133	
Vinyl bromide	10.0	10.5	105	75-125	
4-Ethyltoluene	10.0	11.3	113	75-129	
Ethanol	15.0	12.8	85	50-150	
Isopropanol	10.0	9.13	91	53-142	
Acetone	10.0	9.31	93	54-154	
Chloroform	10.0	10.3	103	73-124	
Benzene	10.0	10.4	104	73-119	
1,1,1-Trichloroethane	10.0	11.1	111	72-127	
Bromomethane	10.0	9.96	100	72-124	
Chloromethane	10.0	8.79	88	56-141	
Chloroethane	10.0	9.26	93	68-130	
Vinyl chloride	10.0	8.34	83	61-135	
Methylene Chloride	10.0	8.93	89	59-137	
Carbon disulfide	10.0	9.36	94	71-138	

Column to be used to flag recovery and RPD values

FORM III TO-15

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

Lab Name: Eurofins Burlington Job No.: 200-78029-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 65203-04.d

Lab ID: LCS 200-216346/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromoform	10.0	10.4	104	53-149	
Bromodichloromethane	10.0	10.9	109	75-127	
1,1-Dichloroethane	10.0	9.89	99	66-130	
1,1-Dichloroethene	10.0	10.0	100	68-120	
tert-Butyl alcohol	10.0	8.98	90	66-132	
Trichlorofluoromethane	10.0	10.6	106	70-129	
Dichlorodifluoromethane	10.0	10.1	101	61-142	
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.0	100	70-121	
1,2-Dichlorotetrafluoroethane	10.0	10.3	103	71-141	
1,2-Dichloropropane	10.0	10.5	105	69-128	
Methyl ethyl ketone (MEK)	10.0	7.86	79	72-124	
1,1,2-Trichloroethane	10.0	10.2	102	75-126	
Trichloroethene	10.0	11.2	112	73-122	
1,1,2,2-Tetrachloroethane	10.0	10.1	101	74-126	
Methyl methacrylate	10.0	10.6	106	73-129	
Hexachlorobutadiene	10.0	11.8	118	58-130	
Naphthalene	10.0	15.5	155	50-150	*+
Xylene, o-	10.0	10.9	109	73-123	
2-Chlorotoluene	10.0	10.7	107	74-126	
1,2-Dichlorobenzene	10.0	11.1	111	68-129	
1,2,4-Trimethylbenzene	10.0	11.3	113	71-129	
2-Hexanone	10.0	9.66	97	57-143	
Propene	10.0	8.84	88	50-158	
Chlorodifluoromethane	10.0	9.73	97	60-147	
Butane	10.0	7.72	77	53-151	
Vinyl acetate	10.0	9.64	96	59-149	
Ethyl acetate	10.0	10.0	100	70-131	
Isopropylbenzene	10.0	10.8	108	73-123	
N-Propylbenzene	10.0	10.6	106	73-127	
tert-Butylbenzene	10.0	11.0	110	71-125	
sec-Butylbenzene	10.0	11.0	110	70-128	
4-Isopropyltoluene	10.0	11.1	111	68-130	
Benzyl chloride	10.0	10.5	105	60-136	
n-Butylbenzene	10.0	10.9	109	65-137	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-77862-1

SDG No.:

Lab File ID: 64994_006.D Lab Sample ID: MB 200-215821/6

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHAN.i Date Analyzed: 05/05/2025 11:09

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 200-215821/4	64994_004.D	05/05/2025 09:26
3643	200-77862-12	64994_007.D	05/05/2025 12:17

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

Lab Name: Eurofins Burlington Job No.: 200-77862-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-215821/6

Matrix: Air Lab File ID: 64994_006.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/05/2025 11:09

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.: 215821 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.20	U	0.20	0.051
100-42-5	Styrene	0.20	U	0.20	0.056
10061-01-5	1,3-Dichloropropene, cis-	0.20	U	0.20	0.056
10061-02-6	1,3-Dichloropropene, trans-	0.20	U	0.20	0.062
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.070
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.045
106-99-0	1,3-Butadiene	0.20	U	0.20	0.040
107-05-1	Allyl chloride	0.50	U	0.50	0.081
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.074
108-10-1	Methyl isobutyl ketone (MIBK)	0.50	U	0.50	0.19
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.068
108-88-3	Toluene	0.20	U	0.20	0.054
108-90-7	Chlorobenzene	0.20	U	0.20	0.047
109-99-9	Tetrahydrofuran	5.0	U	5.0	1.7
110-54-3	Hexane	0.50	U	0.50	0.16
110-82-7	Cyclohexane	0.20	U	0.20	0.052
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.30
123-91-1	1,4-Dioxane	0.20	U	0.20	0.19
124-48-1	Dibromochloromethane	0.20	U	0.20	0.053
127-18-4	Tetrachloroethene	0.20	U	0.20	0.036
142-82-5	n-Heptane	0.20	U	0.20	0.086
156-59-2	1,2-Dichloroethene, cis-	0.14	U	0.14	0.032
156-60-5	1,2-Dichloroethene, trans-	0.20	U	0.20	0.020
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.066
179601-23-1	m,p-Xylene	0.50	U	0.50	0.014
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.071
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.063
56-23-5	Carbon tetrachloride	0.14	U	0.14	0.024
593-60-2	Vinyl bromide	0.20	U	0.20	0.048
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.068
64-17-5	Ethanol	5.0	U	5.0	2.5
67-63-0	Isopropanol	5.0	U	5.0	2.2

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

Lab Name: Eurofins Burlington Job No.: 200-77862-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-215821/6

Matrix: Air Lab File ID: 64994_006.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/05/2025 11:09

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.: 215821 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.0	U	5.0	1.9
67-66-3	Chloroform	0.20	U	0.20	0.059
71-43-2	Benzene	0.20	U	0.20	0.051
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.073
74-83-9	Bromomethane	0.20	U	0.20	0.062
74-87-3	Chloromethane	0.50	U	0.50	0.33
75-00-3	Chloroethane	0.50	U	0.50	0.16
75-01-4	Vinyl chloride	0.14	U	0.14	0.029
75-09-2	Methylene Chloride	0.50	U	0.50	0.19
75-15-0	Carbon disulfide	0.50	U	0.50	0.18
75-25-2	Bromoform	0.20	U	0.20	0.058
75-27-4	Bromodichloromethane	0.20	U	0.20	0.058
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.018
75-35-4	1,1-Dichloroethene	0.14	U	0.14	0.035
75-65-0	tert-Butyl alcohol	5.0	U	5.0	1.6
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.077
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.22
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.20	U	0.20	0.057
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.076
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.055
78-93-3	Methyl ethyl ketone (MEK)	0.50	U	0.50	0.14
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.053
79-01-6	Trichloroethene	0.14	U	0.14	0.029
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.061
80-62-6	Methyl methacrylate	0.50	U	0.50	0.13
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.078
91-20-3	Naphthalene	0.50	U	0.50	0.11
95-47-6	Xylene, o-	0.20	U	0.20	0.069
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.058
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.066
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.082
591-78-6	2-Hexanone	0.50	U	0.50	0.20

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

Lab Name: Eurofins Burlington Job No.: 200-77862-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-215821/6

Matrix: Air Lab File ID: 64994_006.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/05/2025 11:09

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.: 215821 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
115-07-1	Propene	5.0	U	5.0	4.6
75-45-6	Chlorodifluoromethane	0.50	U	0.50	0.36
106-97-8	Butane	0.50	U	0.50	0.31
108-05-4	Vinyl acetate	5.0	U	5.0	2.1
141-78-6	Ethyl acetate	5.0	U	5.0	1.3
98-82-8	Isopropylbenzene	0.20	U	0.20	0.072
103-65-1	N-Propylbenzene	0.20	U	0.20	0.062
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.070
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.072
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.078
100-44-7	Benzyl chloride	0.20	U	0.20	0.074
104-51-8	n-Butylbenzene	0.20	U	0.20	0.070

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250505-64994.b\64994_006.D
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 05-May-2025 11:09:24 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0064994-006
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250505-64994.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 06-May-2025 12:53:04 Calib Date: 16-Apr-2025 10:13:55
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250415-64733.b\64733_021.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1612

First Level Reviewer: YWL8 Date: 06-May-2025 12:53:04

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		4.348					ND	7
2 Dichlorodifluoromethane	85		4.444					ND	7
3 Chlorodifluoromethane	51		4.487					ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808					ND	7
5 Chloromethane	50		4.920					ND	7
6 Vinyl chloride	62		5.214					ND	7
7 Butane	43		5.220					ND	7
8 Butadiene	54		5.332					ND	7
9 Bromomethane	94		6.049					ND	7
10 Chloroethane	64		6.316					ND	
12 2-Methylbutane	43		6.536					ND	7
13 Vinyl bromide	106		6.734					ND	
14 Trichlorofluoromethane	101	6.894	6.894	-0.006	1	803		0.006247	7M
15 Pentane	43		7.108					ND	7
16 Ethanol	45		7.242					ND	7
18 Ethyl ether	59		7.509					ND	
19 Acrolein	56		7.734					ND	
20 1,1-Dichloroethene	96		7.953					ND	MU
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		7.996					ND	7
22 Acetone	43		8.002					ND	7
23 Isopropyl alcohol	45		8.290					ND	7
24 Carbon disulfide	76	8.365	8.365	0.010	27	1260		0.008391	7M
25 Acetonitrile	41		8.494					ND	7
26 3-Chloro-1-propene	41		8.638					ND	7
27 Methylene Chloride	49		8.863					ND	7
28 2-Methyl-2-propanol	59		9.050					ND	
29 Acrylonitrile	53		9.237					ND	
30 trans-1,2-Dichloroethene	61		9.366					ND	7
31 Methyl tert-butyl ether	73		9.371					ND	MU
32 Hexane	57		9.885					ND	7
33 1,1-Dichloroethane	63		10.120					ND	7
34 Vinyl acetate	43		10.125					ND	7

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
S 35 1,2-Dichloroethene, Total	61		10.200					ND	7
36 2-Butanone (MEK)	72		11.067					ND	
37 cis-1,2-Dichloroethene	96		11.110					ND	7
38 Ethyl acetate	88		11.158					ND	
* 39 Chlorobromomethane	128	11.516	11.516	0.000	96	525232	10.0	10.0	
40 Tetrahydrofuran	42		11.559					ND	
41 Chloroform	83		11.693					ND	
42 1,1,1-Trichloroethane	97		12.009					ND	7
43 Cyclohexane	84		12.164					ND	7
44 Carbon tetrachloride	117		12.292					ND	7
45 Benzene	78		12.629					ND	7
46 1,2-Dichloroethane	62		12.688					ND	
47 Isooctane	57		12.865					ND	
48 n-Heptane	43		13.175					ND	7
* 49 1,4-Difluorobenzene	114	13.357	13.357	0.000	97	2620274	10.0	10.0	
50 n-Butanol	56		13.555					ND	MU
51 Trichloroethene	95		13.795					ND	
A 52 GRO	1	14.194	(6.526-21.862)		0	8167359		0	
53 1,2-Dichloropropane	63		14.239					ND	
54 Methyl methacrylate	69		14.330					ND	
55 1,4-Dioxane	88		14.357					ND	
57 Dibromomethane	174	14.395	14.395	0.000	90	1325		0.0258	M
58 Dichlorobromomethane	83	14.700	14.700	0.001	1	562		0.004793	7Ma
59 cis-1,3-Dichloropropene	75		15.507					ND	7
A 60 TVOC as Toluene	1	15.542	(4.338-26.746)		0	8443380		0	
61 4-Methyl-2-pentanone (MIBK)	43		15.759					ND	
62 Toluene	92		16.155					ND	7
A 63 Toluene Range	1	16.168	(16.085-16.251)		0	17441		NC	
64 n-Octane	43		16.422					ND	7
A 65 C8 Range	1	16.433	(16.353-16.513)		0	9607		NC	
66 trans-1,3-Dichloropropene	75		16.551					ND	7
67 1,1,2-Trichloroethane	83		16.925					ND	
68 Tetrachloroethene	166		17.150					ND	7
69 2-Hexanone	43		17.332					ND	
70 Chlorodibromomethane	129		17.663					ND	7
71 Ethylene Dibromide	107		17.904					ND	7
* 73 Chlorobenzene-d5	117	18.824	18.824	0.000	93	2191457	10.0	10.0	
74 Chlorobenzene	112		18.883					ND	7
75 Ethylbenzene	91		19.076					ND	7
76 m-Xylene & p-Xylene	106		19.343					ND	
77 n-Nonane	57		19.423					ND	
S 80 Xylenes, Total	106		20.100					ND	7
78 o-Xylene	106		20.113					ND	
79 Styrene	104		20.146					ND	
81 Bromoform	173		20.477					ND	7
82 Isopropylbenzene	105		20.804					ND	7
83 1,1,2,2-Tetrachloroethane	83		21.301					ND	7
84 1,2,3-Trichloropropane	75		21.403					ND	
85 N-Propylbenzene	91		21.520					ND	7
86 2-Chlorotoluene	91		21.660					ND	7
87 4-Ethyltoluene	105		21.713					ND	7
88 1,3,5-Trimethylbenzene	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
89 n-Decane	57		21.852					ND	
90 Alpha Methyl Styrene	118		22.130					ND	
91 tert-Butylbenzene	119		22.291					ND	7
92 1,2,4-Trimethylbenzene	105		22.376					ND	7
93 sec-Butylbenzene	105		22.617					ND	7
94 1,3-Dichlorobenzene	146		22.783					ND	7
95 4-Isopropyltoluene	119		22.826					ND	7
96 1,4-Dichlorobenzene	146		22.922					ND	7
97 Benzyl chloride	91		23.061					ND	
98 n-Butylbenzene	91		23.382					ND	7
99 1,2-Dichlorobenzene	146		23.409					ND	7
100 Undecane	57		23.543					ND	7
101 Dodecane	57		25.126					ND	
102 1,2,4-Trichlorobenzene	180		25.848					ND	7
103 Hexachlorobutadiene	225		26.105					ND	
104 Naphthalene	128		26.325					ND	7
105 1,2,3-Trichlorobenzene	180		26.736					ND	7
109 Chlorotrifluoroethene TIC	1		0.000					ND	
110 Difluoroethane TIC	1		0.000					ND	
111 Total Alkanes TIC	1		0.000					ND	
112 Freon 115 TIC	1		0.000					ND	
113 1,1,1-Trifluoro-2,2-dichloroetha	1		0.000					ND	
114 Methylcyclohexane	83		0.000					ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- 7 - Failed Limit of Detection

Review Flags
- M - Manually Integrated
- U - Marked Undetected
- a - User Assigned ID

Reagents:

ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

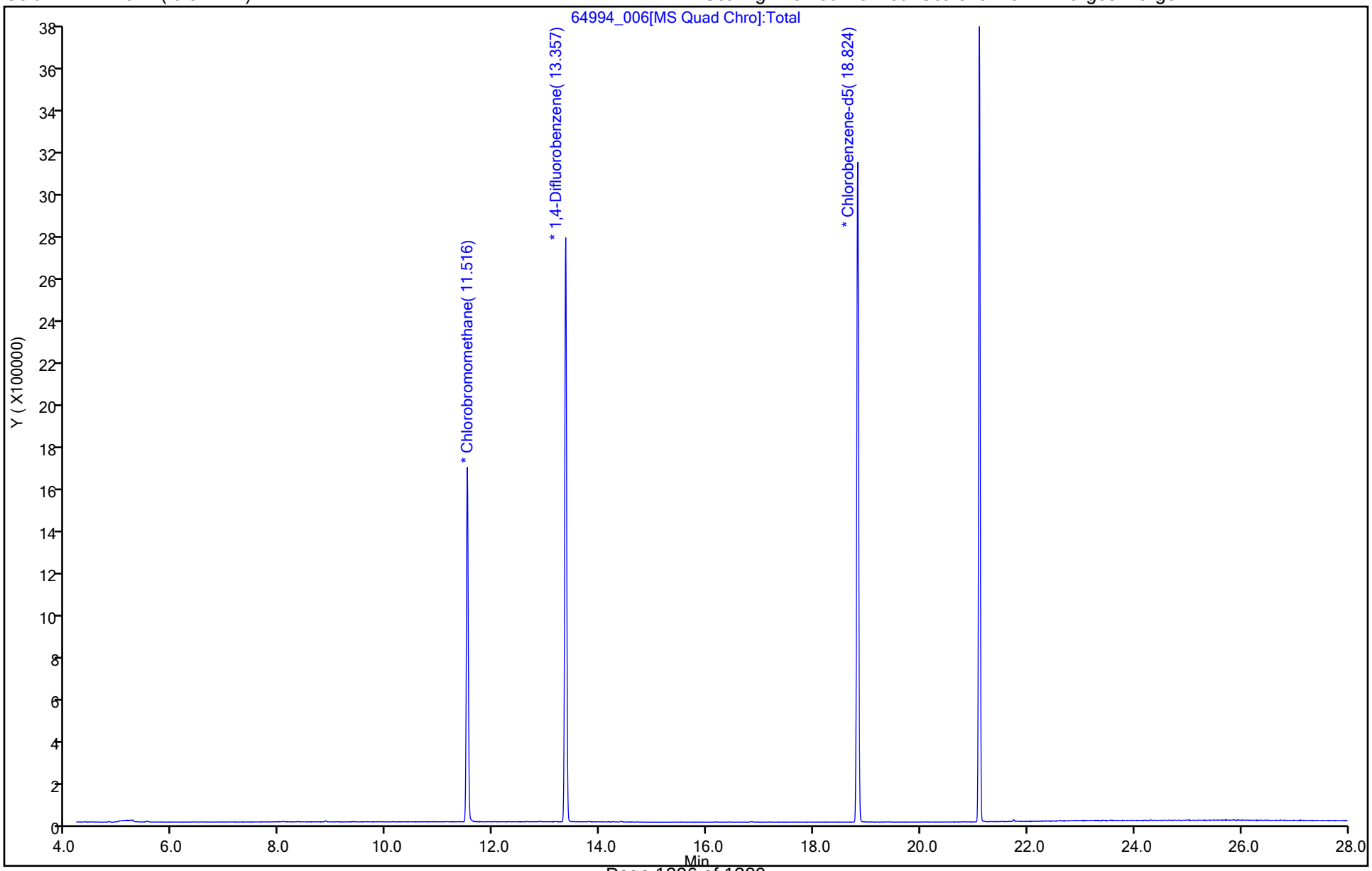
Report Date: 06-May-2025 12:53:04 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250505-64994.b\64994_006.D

Injection Date:	05-May-2025 11:09:24	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	mb			Worklist Smp#:	6
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
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



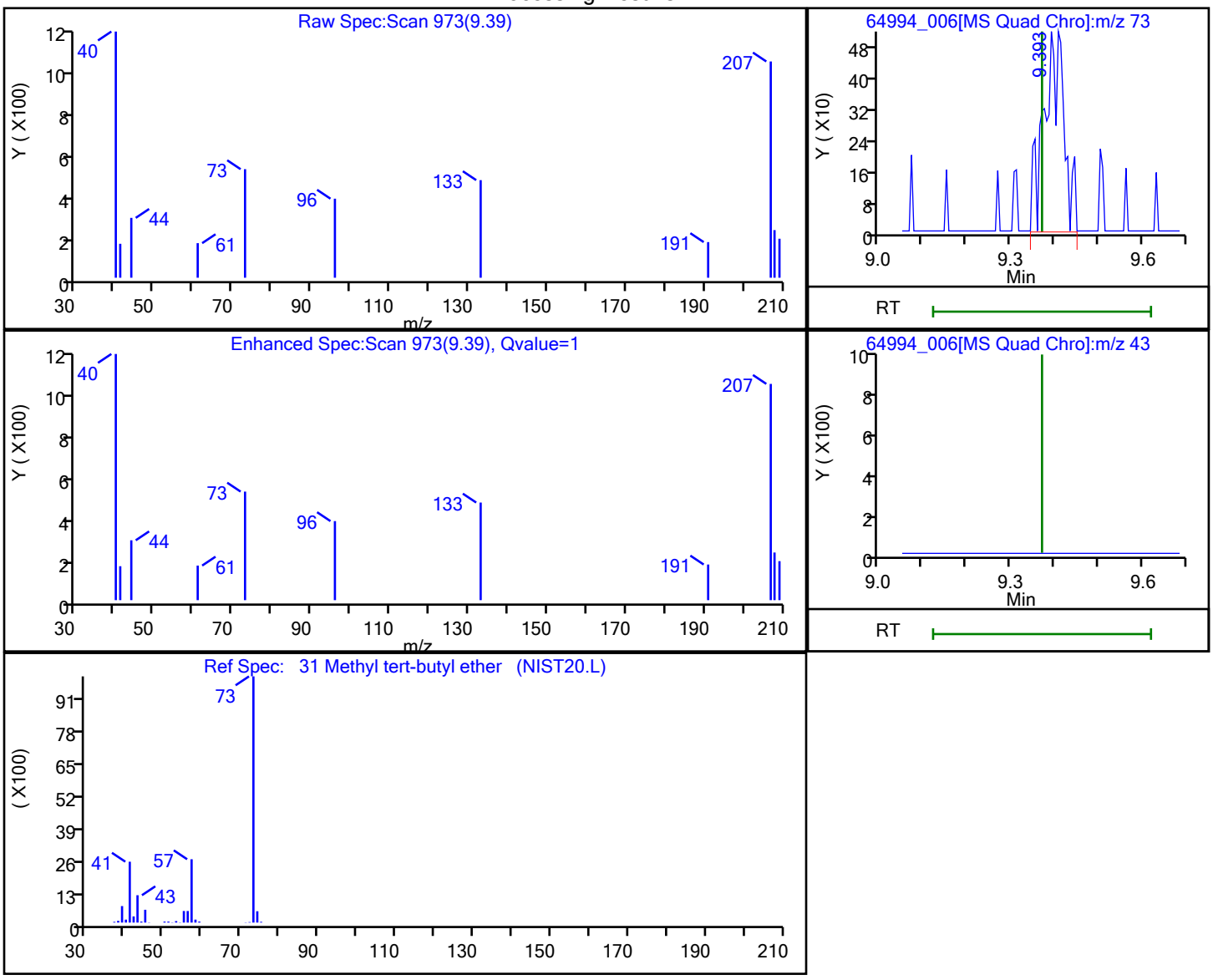
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250505-64994.b\64994_006.D				
Injection Date:	05-May-2025 11:09:24	Instrument ID:	CHAN.i		
Lims ID:	mb				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
9.39	73.00	1682	0.011688
9.37	43.00	0	

Reviewer: YWL8, 06-May-2025 11:33:59 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

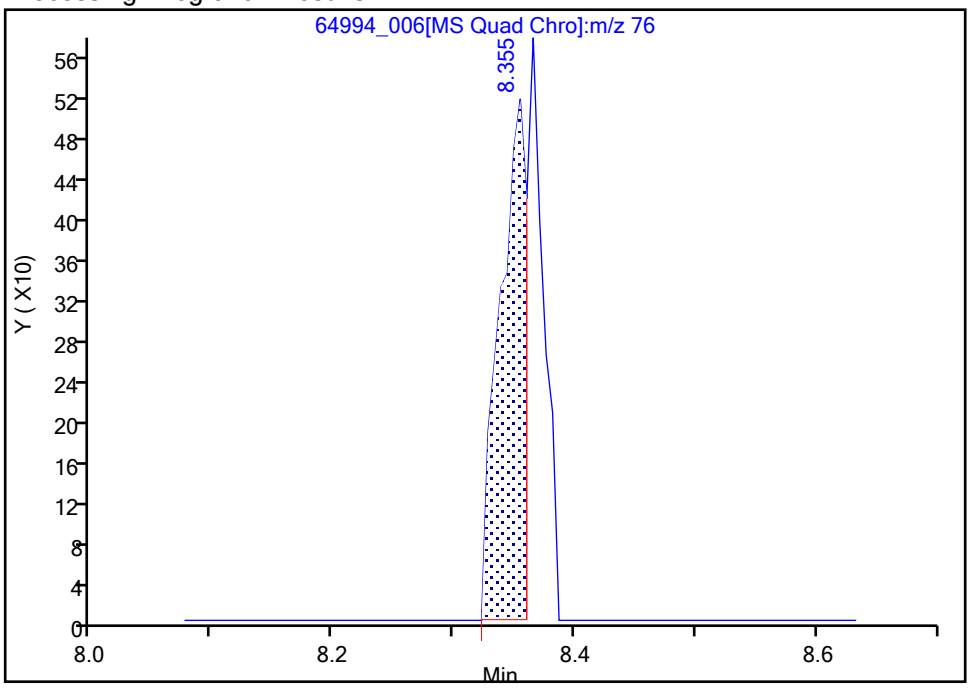
Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250505-64994.b\64994_006.D
Injection Date: 05-May-2025 11:09:24 Instrument ID: CHAN.i
Lims ID: mb
Client ID:
Operator ID: wrd ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

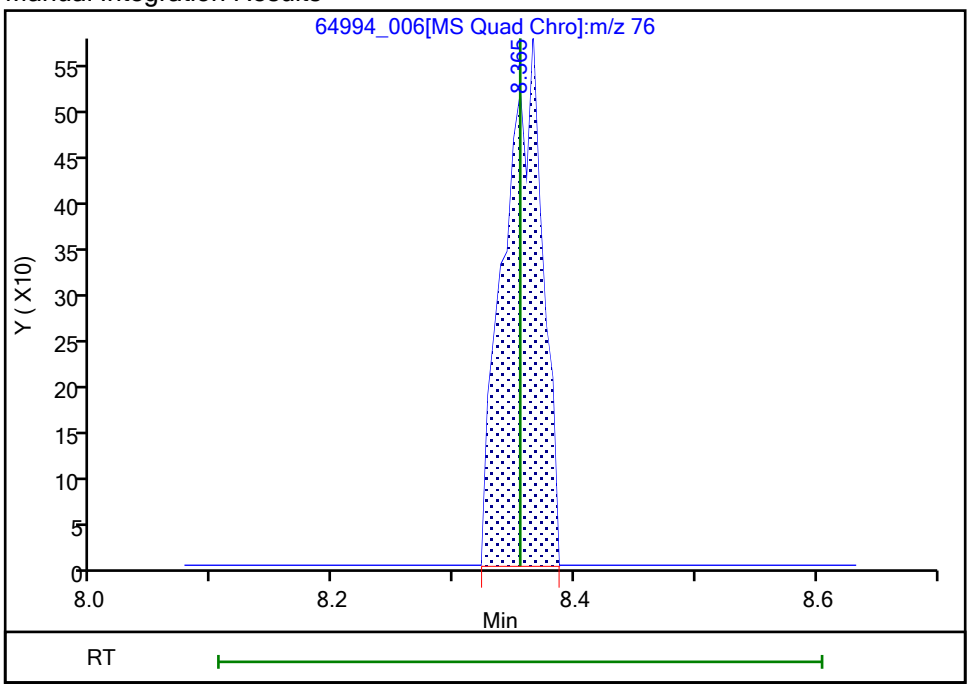
Processing Integration Results

RT: 8.35
Area: 801
Amount: 0.005334
Amount Units: ppb v/v



Manual Integration Results

RT: 8.37
Area: 1260
Amount: 0.008391
Amount Units: ppb v/v



Reviewer: YWL8, 06-May-2025 11:33:39 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

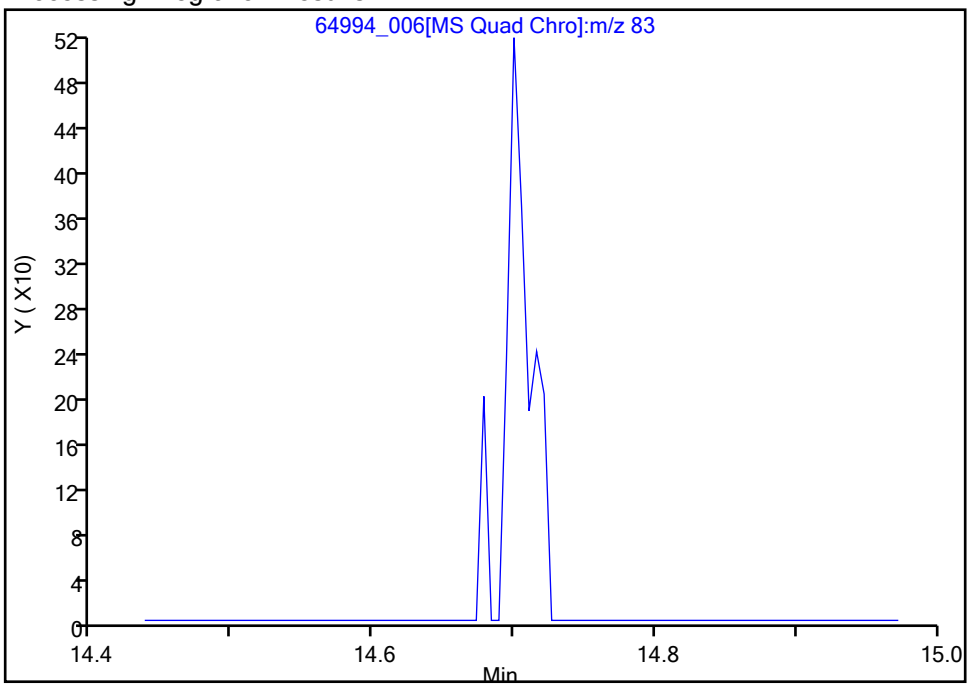
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250505-64994.b\64994_006.D				
Injection Date:	05-May-2025 11:09:24	Instrument ID:	CHAN.i		
Lims ID:	mb				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

58 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

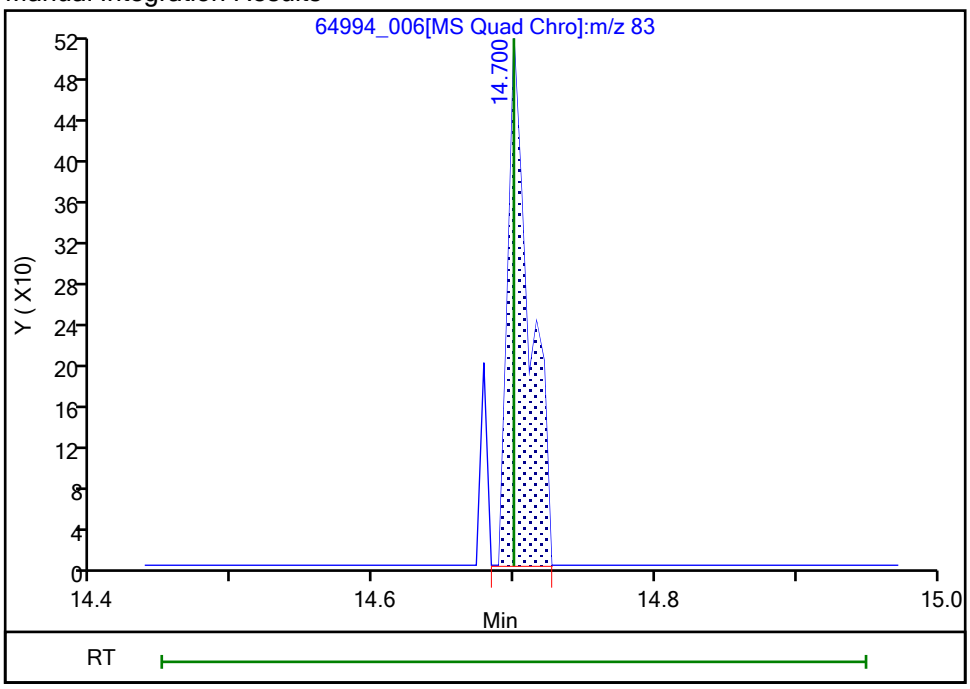
Not Detected
Expected RT: 14.70

Processing Integration Results



Manual Integration Results

RT: 14.70
Area: 562
Amount: 0.004793
Amount Units: ppb v/v



Reviewer: YWL8, 06-May-2025 11:35:29 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

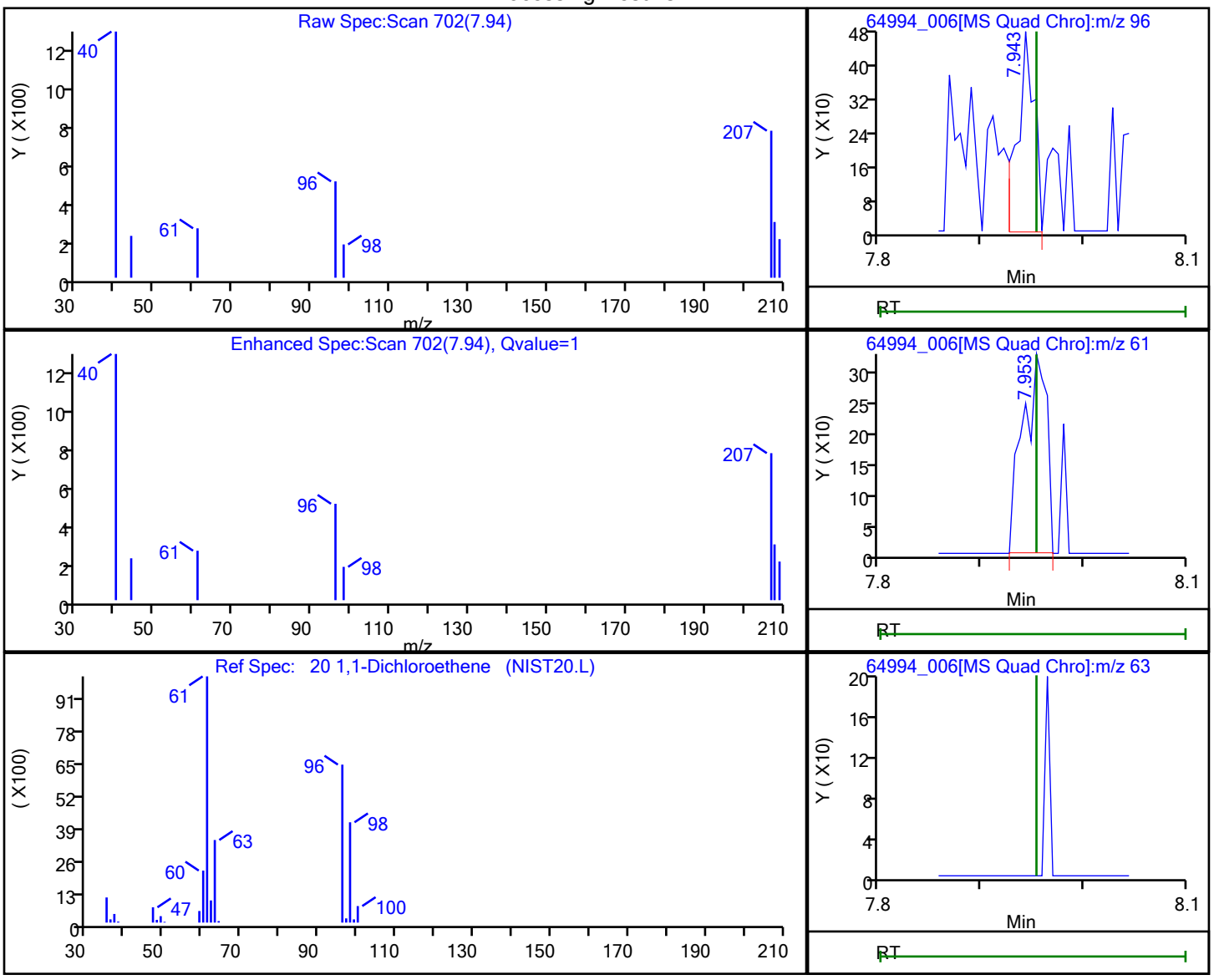
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250505-64994.b\64994_006.D				
Injection Date:	05-May-2025 11:09:24	Instrument ID:	CHAN.i		
Lims ID:	mb				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
7.94	96.00	536	0.009833
7.95	61.00	523	
7.95	63.00	0	

Reviewer: YWL8, 06-May-2025 11:30:54 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

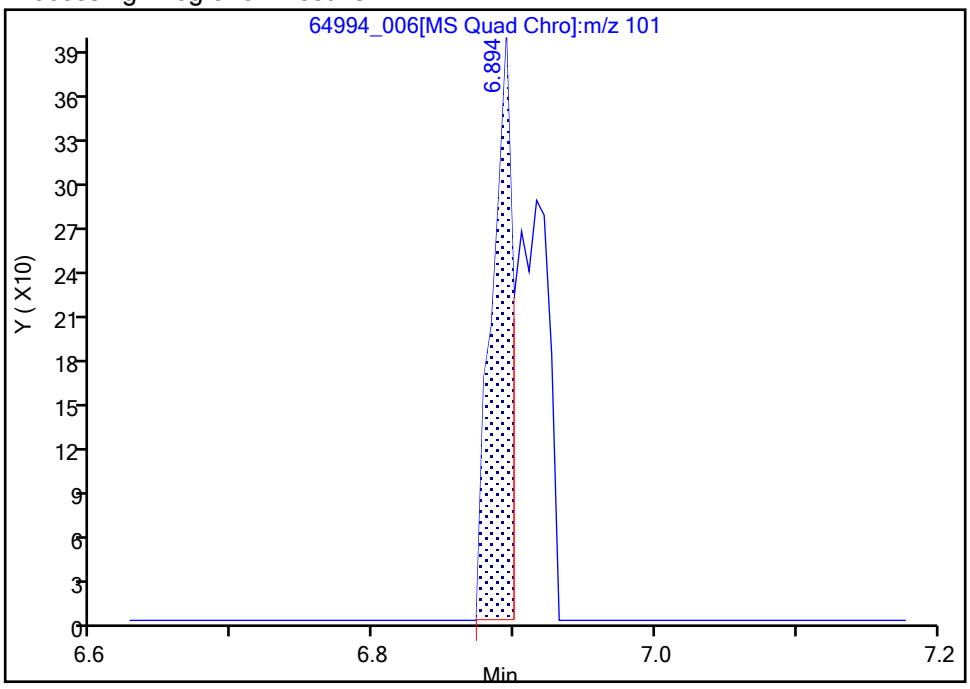
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250505-64994.b\64994_006.D				
Injection Date:	05-May-2025 11:09:24	Instrument ID:	CHAN.i		
Lims ID:	mb				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

14 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

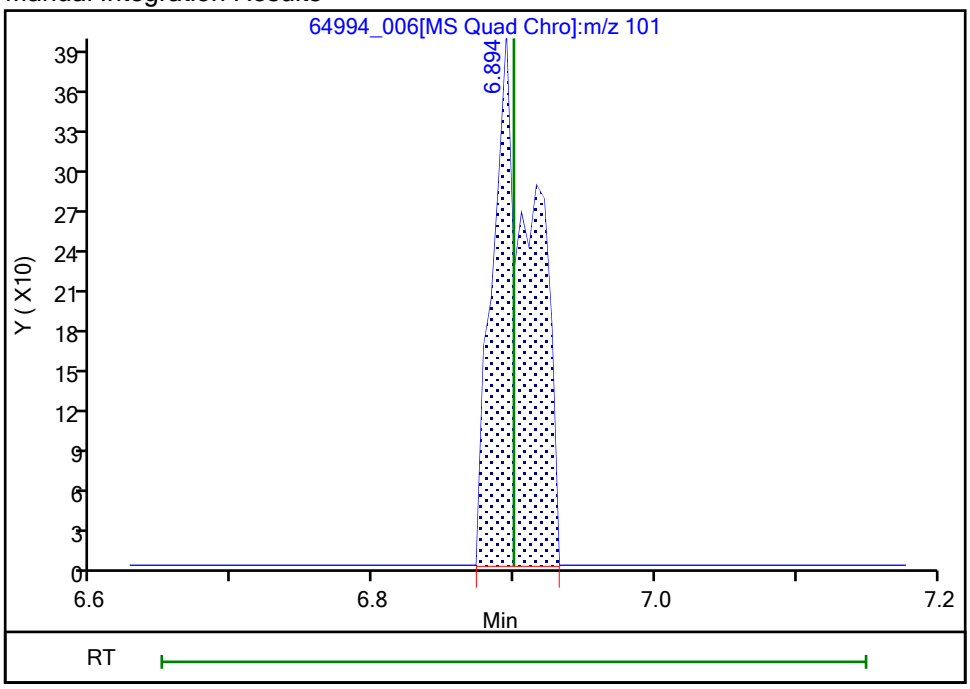
Processing Integration Results

RT: 6.89
Area: 405
Amount: 0.003151
Amount Units: ppb v/v



Manual Integration Results

RT: 6.89
Area: 803
Amount: 0.006247
Amount Units: ppb v/v



Reviewer: YWL8, 06-May-2025 11:30:40 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-77863-1

SDG No.:

Lab File ID: 64975_005.D Lab Sample ID: MB 200-215773/5

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHAN.i Date Analyzed: 05/02/2025 10:50

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 200-215773/3	64975_003.D	05/02/2025 09:07
5455	200-77863-12	64975_006.D	05/02/2025 11:56

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

Lab Name: Eurofins Burlington Job No.: 200-77863-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-215773/5

Matrix: Air Lab File ID: 64975_005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/02/2025 10:50

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 215773 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.14	U	0.14	0.14
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.14	U	0.14	0.14
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.50	U	0.50	0.50
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.14	U	0.14	0.14
540-59-0	1,2-Dichloroethene, Total	0.40	U	0.40	0.40
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0

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

Lab Name: Eurofins Burlington | Job No.: 200-77863-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-215773/5

Matrix: Air | Lab File ID: 64975_005.D

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 05/02/2025 10:50

Soil Aliquot Vol: | Dilution Factor: 1

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

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

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

Analysis Batch No.: 215773 | Units: ppb v/v

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

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.14	U	0.14	0.14
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.14	U	0.14	0.14
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.70	U	0.70	0.70
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20

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

Lab Name: Eurofins Burlington Job No.: 200-77863-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-215773/5

Matrix: Air Lab File ID: 64975_005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/02/2025 10:50

Soil Aliquot Vol: Dilution Factor: 1

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

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

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

Analysis Batch No.: 215773 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250502-64975.b\64975_005.D
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 02-May-2025 10:50:36 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0064975-005
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250502-64975.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 05-May-2025 14:23:32 Calib Date: 16-Apr-2025 10:13:55
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250415-64733.b\64733_021.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: YWL8 Date: 05-May-2025 14:23:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		4.347					ND	7
2 Dichlorodifluoromethane	85		4.444					ND	7
3 Chlorodifluoromethane	51		4.487					ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808					ND	7
5 Chloromethane	50		4.920					ND	7
6 Vinyl chloride	62		5.214					ND	7
7 Butane	43		5.219					ND	7
8 Butadiene	54		5.332					ND	7
9 Bromomethane	94		6.049					ND	
10 Chloroethane	64		6.316					ND	
12 2-Methylbutane	43		6.530					ND	
13 Vinyl bromide	106		6.733					ND	
14 Trichlorofluoromethane	101	6.900	6.900	0.001	1	1072		0.009132	7M
15 Pentane	43		7.113					ND	7
16 Ethanol	45		7.242					ND	
18 Ethyl ether	59		7.509					ND	
19 Acrolein	56		7.734					ND	
20 1,1-Dichloroethene	96		7.953					ND	MU
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		7.996					ND	
22 Acetone	43		8.007					ND	7
23 Isopropyl alcohol	45		8.290					ND	7
24 Carbon disulfide	76		8.354					ND	7
25 Acetonitrile	41		8.494					ND	
26 3-Chloro-1-propene	41		8.633					ND	7
27 Methylene Chloride	49	8.868	8.868	0.005	76	2401		0.0450	7M
28 2-Methyl-2-propanol	59		9.055					ND	
29 Acrylonitrile	53		9.243					ND	
30 trans-1,2-Dichloroethene	61		9.366					ND	7
31 Methyl tert-butyl ether	73		9.371					ND	7
32 Hexane	57		9.890					ND	7
33 1,1-Dichloroethane	63		10.120					ND	7
34 Vinyl acetate	43		10.125					ND	7

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
S 35 1,2-Dichloroethene, Total	61		10.200					ND	7
36 2-Butanone (MEK)	72		11.072					ND	
37 cis-1,2-Dichloroethene	96		11.110					ND	MU
38 Ethyl acetate	88		11.163					ND	
* 39 Chlorobromomethane	128	11.516	11.511	0.005	95	479707	10.0	10.0	
40 Tetrahydrofuran	42		11.559					ND	7
41 Chloroform	83		11.693					ND	
42 1,1,1-Trichloroethane	97		12.014					ND	7
43 Cyclohexane	84		12.163					ND	7
44 Carbon tetrachloride	117		12.292					ND	7
45 Benzene	78		12.629					ND	7
46 1,2-Dichloroethane	62		12.688					ND	
47 Isooctane	57		12.864					ND	
48 n-Heptane	43		13.169					ND	7
* 49 1,4-Difluorobenzene	114	13.357	13.356	0.001	97	2435750	10.0	10.0	
50 n-Butanol	56		13.554					ND	MU
51 Trichloroethene	95		13.795					ND	
A 52 GRO	1	14.191	(6.520-21.862)		0	7619159		0	
53 1,2-Dichloropropane	63		14.239					ND	
54 Methyl methacrylate	69		14.330					ND	
55 1,4-Dioxane	88		14.362					ND	
57 Dibromomethane	174	14.411	14.394	0.017	91	941		0.0197	
58 Dichlorobromomethane	83		14.699					ND	
59 cis-1,3-Dichloropropene	75		15.507					ND	7
A 60 TVOC as Toluene	1	15.545	(4.337-26.752)		0	7967086		0	
61 4-Methyl-2-pentanone (MIBK)	43		15.759					ND	
62 Toluene	92		16.154					ND	7
A 63 Toluene Range	1	16.157	(16.090-16.224)		0	5977		NC	
64 n-Octane	43		16.422					ND	7
A 65 C8 Range	1	16.427	(16.342-16.513)		0	1613		NC	
66 trans-1,3-Dichloropropene	75		16.550					ND	7
67 1,1,2-Trichloroethane	83		16.925					ND	
68 Tetrachloroethene	166		17.155					ND	
69 2-Hexanone	43		17.331					ND	
70 Chlorodibromomethane	129		17.663					ND	7
71 Ethylene Dibromide	107		17.904					ND	7
* 73 Chlorobenzene-d5	117	18.824	18.824	0.000	93	2017751	10.0	10.0	
74 Chlorobenzene	112		18.883					ND	7
75 Ethylbenzene	91		19.081					ND	7
76 m-Xylene & p-Xylene	106		19.343					ND	7
77 n-Nonane	57		19.423					ND	
S 80 Xylenes, Total	106		20.100					ND	7
78 o-Xylene	106		20.113					ND	
79 Styrene	104		20.145					ND	
81 Bromoform	173		20.477					ND	7
82 Isopropylbenzene	105		20.803					ND	7
83 1,1,2,2-Tetrachloroethane	83		21.301					ND	7
84 1,2,3-Trichloropropane	75		21.403					ND	
85 N-Propylbenzene	91		21.520					ND	7
86 2-Chlorotoluene	91		21.665					ND	7
87 4-Ethyltoluene	105		21.713					ND	7
88 1,3,5-Trimethylbenzene	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
89 n-Decane	57		21.852					ND	
90 Alpha Methyl Styrene	118		22.135					ND	
91 tert-Butylbenzene	119		22.291					ND	7
92 1,2,4-Trimethylbenzene	105		22.376					ND	7
93 sec-Butylbenzene	105		22.617					ND	7
94 1,3-Dichlorobenzene	146		22.783					ND	7
95 4-Isopropyltoluene	119		22.831					ND	7
96 1,4-Dichlorobenzene	146		22.922					ND	7
97 Benzyl chloride	91		23.061					ND	7
98 n-Butylbenzene	91		23.382					ND	7
99 1,2-Dichlorobenzene	146		23.409					ND	7
100 Undecane	57		23.542					ND	7
101 Dodecane	57		25.126					ND	
102 1,2,4-Trichlorobenzene	180		25.854					ND	7
103 Hexachlorobutadiene	225		26.105					ND	
104 Naphthalene	128		26.324					ND	7
105 1,2,3-Trichlorobenzene	180		26.742					ND	7
109 Chlorotrifluoroethene TIC	1		0.000					ND	
110 Difluoroethane TIC	1		0.000					ND	
111 Total Alkanes TIC	1		0.000					ND	
112 Freon 115 TIC	1		0.000					ND	
113 1,1,1-Trifluoro-2,2-dichloroetha	1		0.000					ND	
114 Methylcyclohexane	83		0.000					ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- 7 - Failed Limit of Detection

Review Flags
- M - Manually Integrated
- U - Marked Undetected

Reagents:

ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

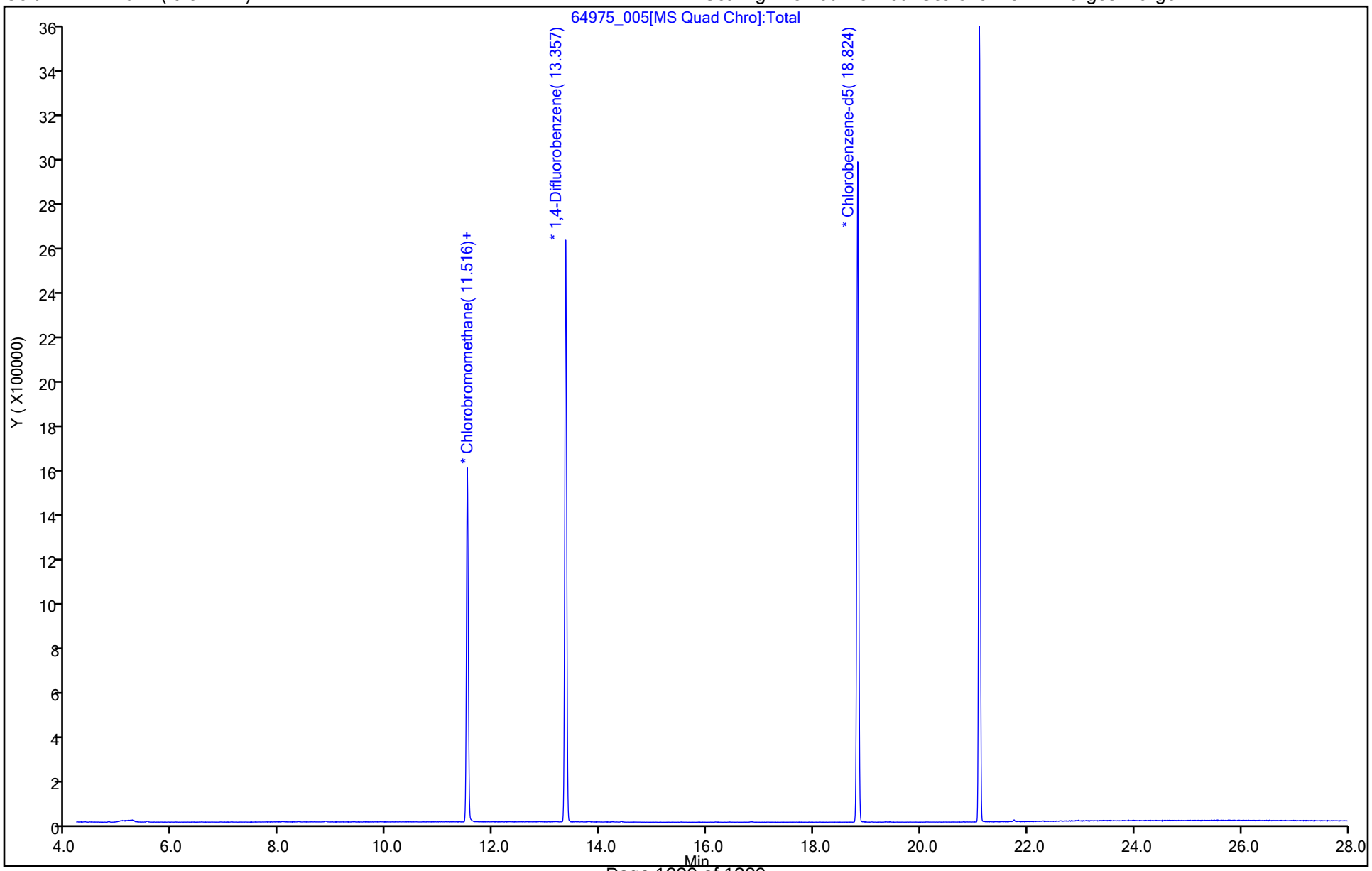
Report Date: 05-May-2025 14:23:32 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250502-64975.b\64975_005.D

Injection Date:	02-May-2025 10:50:36	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#:	4
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



Manual Integration/User Assign Peak Report

Eurofins Burlington

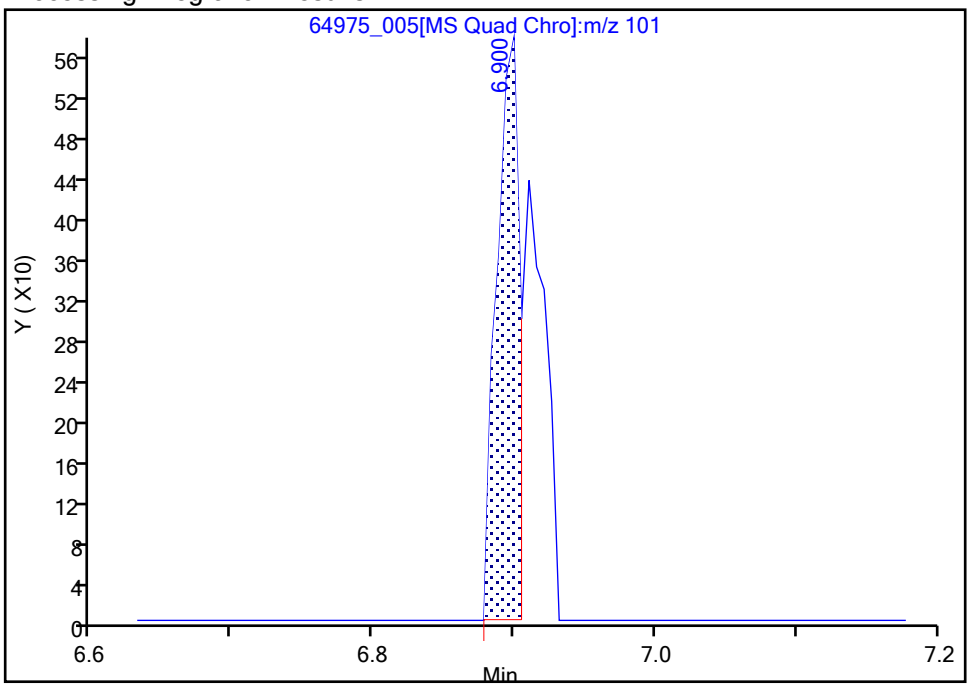
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250502-64975.b\64975_005.D				
Injection Date:	02-May-2025 10:50:36	Instrument ID:	CHAN.i		
Lims ID:	mb				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

14 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

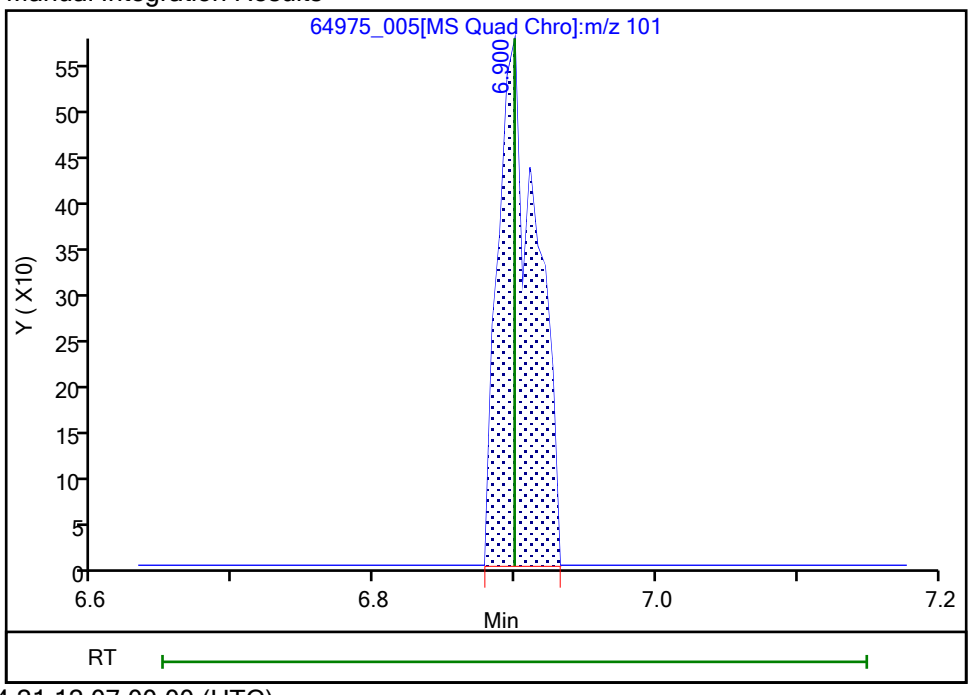
Processing Integration Results

RT: 6.90
Area: 649
Amount: 0.005528
Amount Units: ppb v/v



Manual Integration Results

RT: 6.90
Area: 1072
Amount: 0.009132
Amount Units: ppb v/v



Reviewer: YWL8, 05-May-2025 14:21:12 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

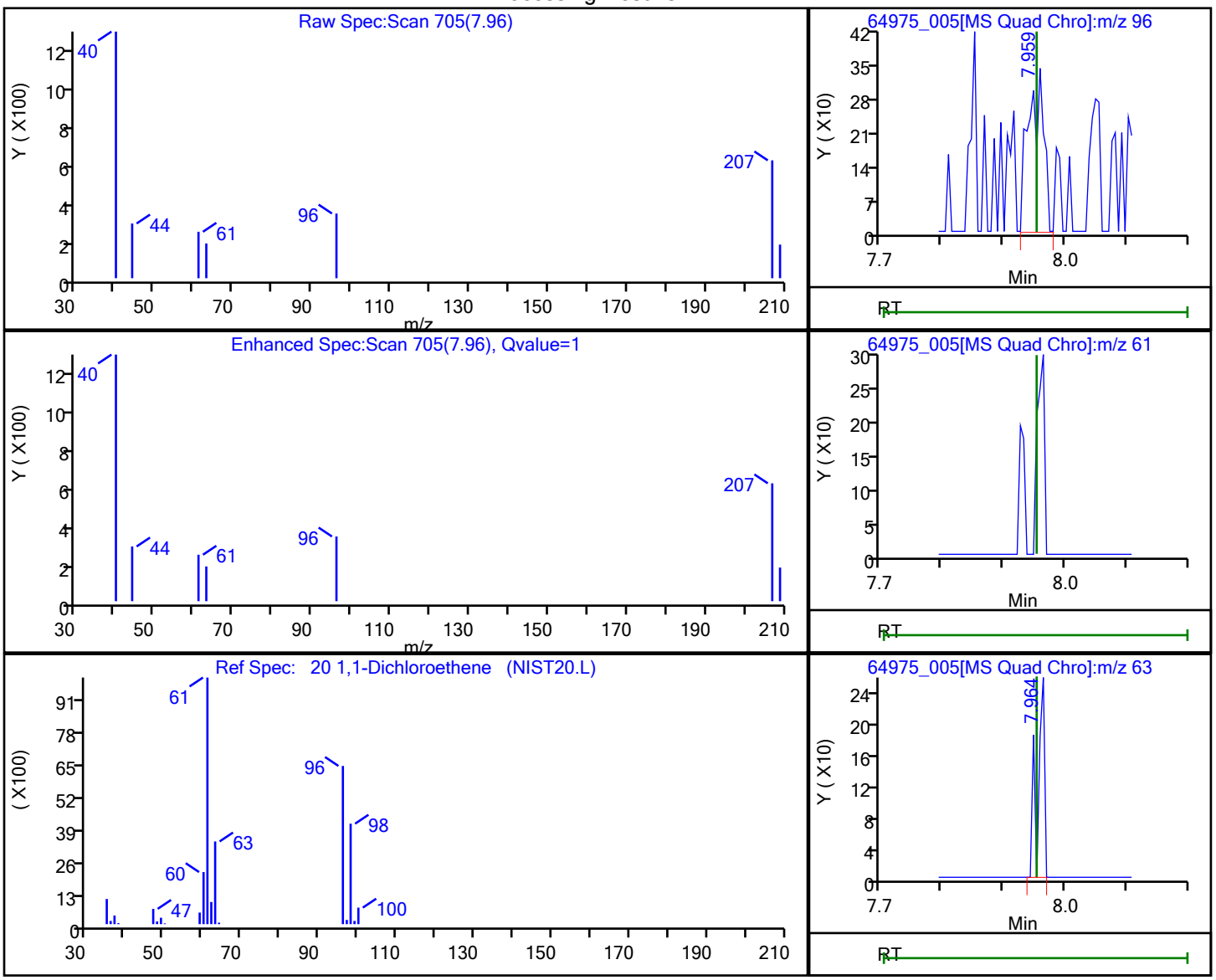
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250502-64975.b\64975_005.D				
Injection Date:	02-May-2025 10:50:36	Instrument ID:	CHAN.i		
Lims ID:	mb				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
7.96	96.00	584	0.011731
7.95	61.00	0	
7.96	63.00	200	

Reviewer: YWL8, 05-May-2025 14:21:33 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

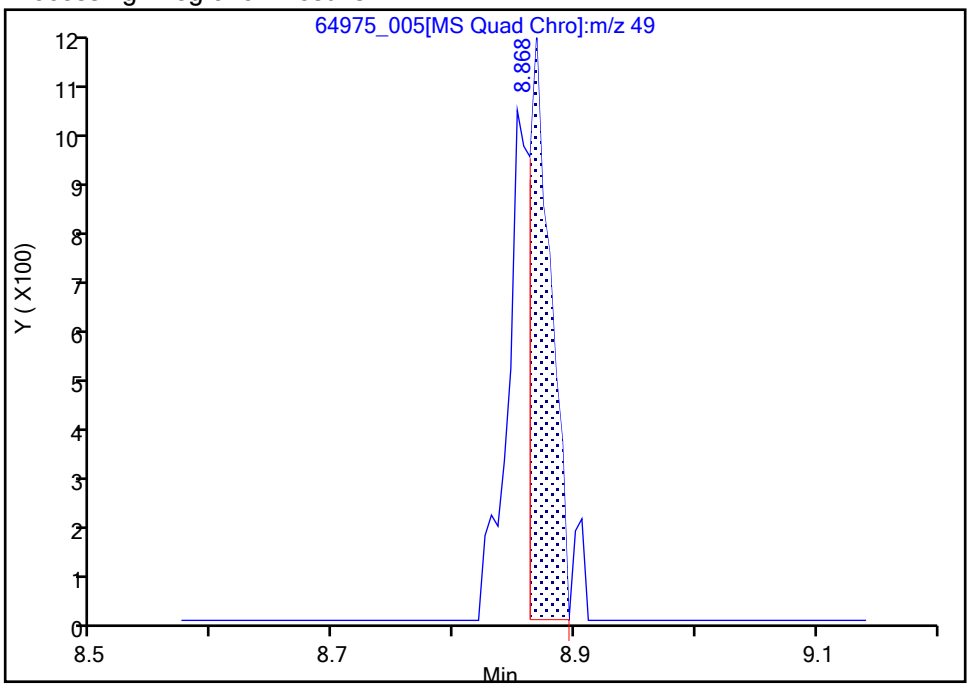
Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250502-64975.b\64975_005.D
Injection Date: 02-May-2025 10:50:36 Instrument ID: CHAN.i
Lims ID: mb
Client ID:
Operator ID: wrd ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

27 Methylene Chloride, CAS: 75-09-2

Signal: 1

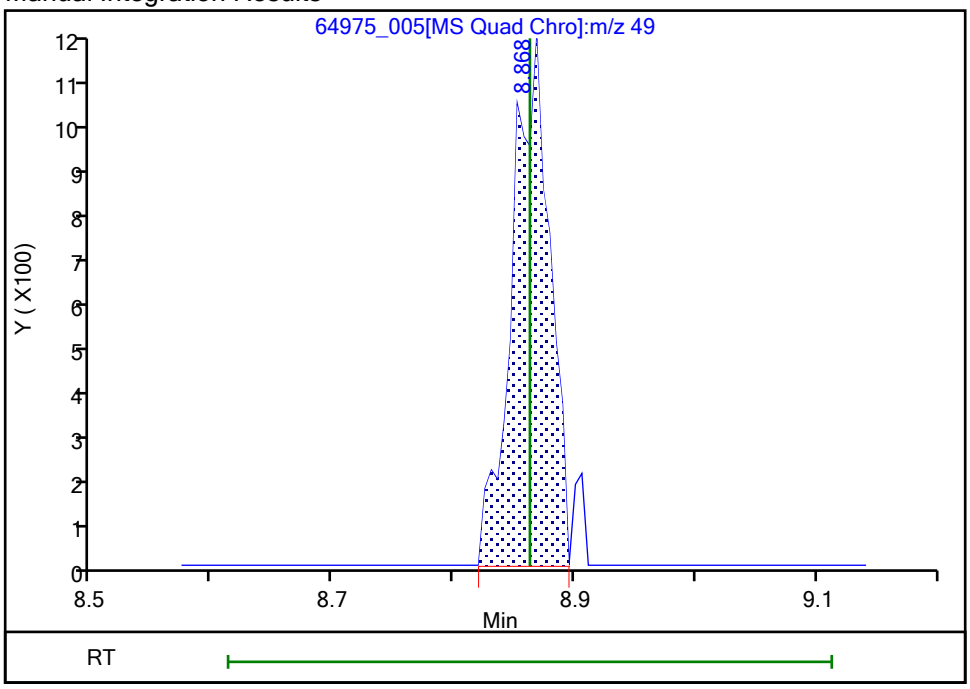
Processing Integration Results

RT: 8.87
Area: 1376
Amount: 0.025804
Amount Units: ppb v/v



Manual Integration Results

RT: 8.87
Area: 2401
Amount: 0.045026
Amount Units: ppb v/v



Reviewer: YWL8, 05-May-2025 14:21:54 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

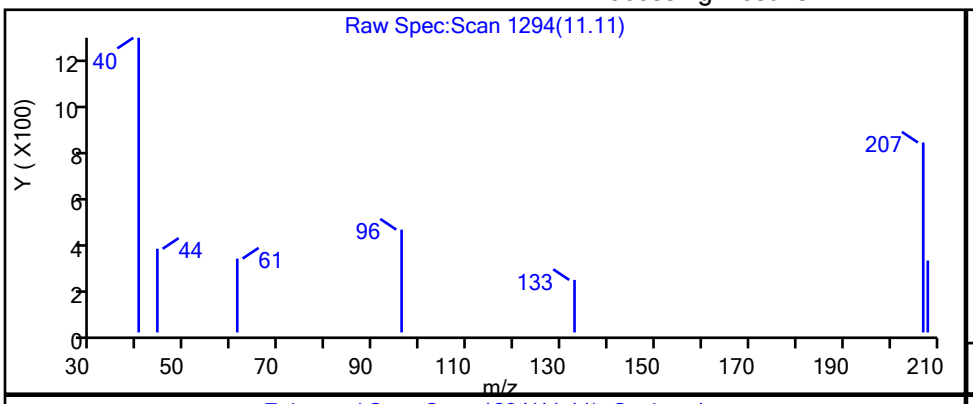
User Disabled Compound Report

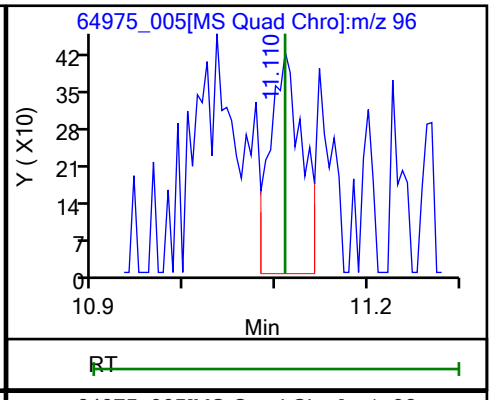
Eurofins Burlington

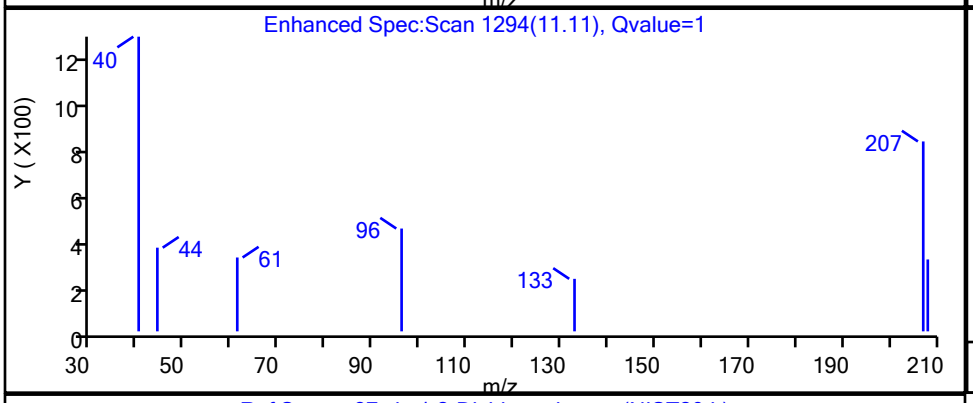
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250502-64975.b\64975_005.D				
Injection Date:	02-May-2025 10:50:36	Instrument ID:	CHAN.i		
Lims ID:	mb				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

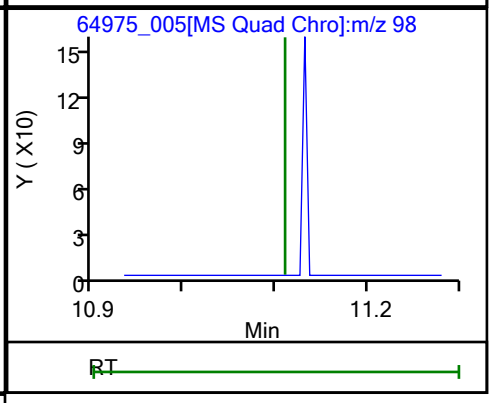
37 cis-1,2-Dichloroethene, CAS: 156-59-2

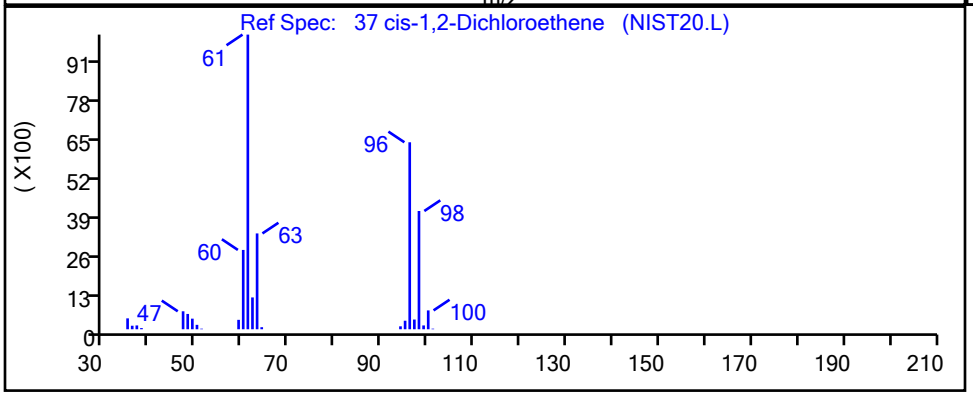
Processing Results











RT	Mass	Response	Amount
11.11	96.00	1034	0.021857
11.11	98.00	0	

Reviewer: BKZ7, 02-May-2025 12:00:39 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78004-1

SDG No.:

Lab File ID: 65160-06.d Lab Sample ID: MB 200-216245/6

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHW.i Date Analyzed: 05/16/2025 11:54

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 200-216245/4	65160-04.d	05/16/2025 10:11
3390	200-78004-7	65160-08.d	05/16/2025 14:03

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

Lab Name: Eurofins Burlington Job No.: 200-78004-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-216245/6

Matrix: Air Lab File ID: 65160-06.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/16/2025 11:54

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.: 216245 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.14	U	0.14	0.14
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.14	U	0.14	0.14
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.50	U	0.50	0.50
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.14	U	0.14	0.14
540-59-0	1,2-Dichloroethene, Total	0.40	U	0.40	0.40
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0

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

Lab Name: Eurofins Burlington | Job No.: 200-78004-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-216245/6

Matrix: Air | Lab File ID: 65160-06.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 05/16/2025 11:54

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.: 216245 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.14	U	0.14	0.14
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.14	U	0.14	0.14
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.70	U	0.70	0.70
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20

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

Lab Name: Eurofins Burlington Job No.: 200-78004-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-216245/6

Matrix: Air Lab File ID: 65160-06.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/16/2025 11:54

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.: 216245 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250516-65160.b\65160-06.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 16-May-2025 11:54:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065160-006
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250516-65160.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 18-May-2025 22:25:10 Calib Date: 11-Apr-2025 02:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250410-64660.b\64660-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1700

First Level Reviewer: YWL8 Date: 18-May-2025 22:25:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		4.104					ND	7
2 Dichlorodifluoromethane	85		4.195					ND	7
3 Chlorodifluoromethane	51		4.233					ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.527					ND	7
5 Chloromethane	50		4.645					ND	7
6 Vinyl chloride	62		4.939					ND	
7 Butane	43		4.944					ND	7
8 Butadiene	54		5.051					ND	7
9 Bromomethane	94		5.789					ND	7
10 Chloroethane	64		6.084					ND	
12 2-Methylbutane	43		6.314					ND	7
13 Vinyl bromide	106		6.549					ND	
14 Trichlorofluoromethane	101		6.731					ND	7
15 Pentane	43		6.966					ND	7
16 Ethanol	45		7.138					ND	
18 Ethyl ether	59		7.432					ND	
19 Acrolein	56		7.715					ND	
20 1,1-Dichloroethene	96	7.983	7.961	0.022	1	175		0.005551	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.010					ND	7
22 Acetone	43		8.036					ND	7
23 Isopropyl alcohol	45		8.379					ND	
24 Carbon disulfide	76	8.480	8.454	0.026	94	1834		0.0198	
25 Acetonitrile	41		8.630					ND	
26 3-Chloro-1-propene	41		8.791					ND	7
27 Methylene Chloride	49		9.063					ND	7
28 2-Methyl-2-propanol	59		9.299					ND	
29 Acrylonitrile	53		9.534					ND	
31 Methyl tert-butyl ether	73		9.668					ND	7
30 trans-1,2-Dichloroethene	61		9.673					ND	7
S 35 1,2-Dichloroethene, Total	61		10.200					ND	7
32 Hexane	57		10.278					ND	7
33 1,1-Dichloroethane	63		10.567					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
34 Vinyl acetate	43		10.572					ND	
36 2-Butanone (MEK)	72		11.663					ND	
37 cis-1,2-Dichloroethene	96		11.706					ND	7
38 Ethyl acetate	88		11.765					ND	
* 39 Chlorobromomethane	128	12.187	12.166	0.021	80	202391	10.0	10.0	
40 Tetrahydrofuran	42		12.220					ND	
41 Chloroform	83		12.359					ND	
42 1,1,1-Trichloroethane	97		12.707					ND	7
43 Cyclohexane	84		12.872					ND	7
44 Carbon tetrachloride	117		13.022					ND	
45 Benzene	78		13.391					ND	7
46 1,2-Dichloroethane	62		13.466					ND	
47 Isooctane	57		13.627					ND	
48 n-Heptane	43		13.953					ND	7
* 49 1,4-Difluorobenzene	114	14.194	14.178	0.016	93	957198	10.0	10.0	
50 n-Butanol	56		14.392					ND	7
A 52 GRO	1	14.488	(6.304-22.672)		0	3295251		0	
51 Trichloroethene	95	14.670	14.670	0.022	50	590		0.0143	7M
53 1,2-Dichloropropane	63		15.130					ND	
54 Methyl methacrylate	69		15.205					ND	
55 1,4-Dioxane	88		15.258					ND	
57 Dibromomethane	174	15.317	15.301	0.016	89	975		0.0232	
58 Dichlorobromomethane	83		15.622					ND	
A 60 TVOC as Toluene	1	16.080	(4.094-28.065)		0	3480563		0	
59 cis-1,3-Dichloropropene	75		16.462					ND	7
61 4-Methyl-2-pentanone (MIBK)	43		16.708					ND	
62 Toluene	92		17.136					ND	7
A 63 Toluene Range	1		(17.061-17.211)					ND	
64 n-Octane	43		17.377					ND	
A 65 C8 Range	1		(17.291-17.495)					ND	
66 trans-1,3-Dichloropropene	75		17.548					ND	
67 1,1,2-Trichloroethane	83		17.939					ND	
68 Tetrachloroethene	166		18.169					ND	7
69 2-Hexanone	43		18.334					ND	
70 Chlorodibromomethane	129		18.714					ND	7
71 Ethylene Dibromide	107		18.971					ND	7
* 73 Chlorobenzene-d5	117	19.902	19.897	0.005	84	874115	10.0	10.0	
74 Chlorobenzene	112	19.966	19.961	0.005	82	962		0.009236	
S 80 Xylenes, Total	106		20.100					ND	7
75 Ethylbenzene	91		20.143					ND	7
76 m-Xylene & p-Xylene	106		20.394					ND	7
77 n-Nonane	57		20.432					ND	
78 o-Xylene	106		21.106					ND	
79 Styrene	104		21.138					ND	
81 Bromoform	173		21.459					ND	7
82 Isopropylbenzene	105		21.726					ND	7
83 1,1,2,2-Tetrachloroethane	83		22.186					ND	7
84 1,2,3-Trichloropropane	75		22.288					ND	7
85 N-Propylbenzene	91		22.384					ND	7
86 2-Chlorotoluene	91		22.534					ND	7
87 4-Ethyltoluene	105		22.566					ND	7
88 1,3,5-Trimethylbenzene	105		22.652					ND	7

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 n-Decane	57		22.662					ND	
90 Alpha Methyl Styrene	118		22.962					ND	7
91 tert-Butylbenzene	119	23.106	23.106	-0.006	1	679		0.004376	7Ma
92 1,2,4-Trimethylbenzene	105		23.197					ND	7
93 sec-Butylbenzene	105		23.433					ND	7
94 1,3-Dichlorobenzene	146	23.636	23.636	0.011	85	962		0.008618	7M
95 4-Isopropyltoluene	119		23.647					ND	7
96 1,4-Dichlorobenzene	146	23.786	23.786	0.011	93	1056		0.009424	7M
97 Benzyl chloride	91		23.920					ND	7
98 n-Butylbenzene	91		24.246					ND	7
99 1,2-Dichlorobenzene	146		24.310					ND	7
100 Undecane	57		24.380					ND	7
101 Dodecane	57		26.129					ND	7
102 1,2,4-Trichlorobenzene	180		27.022					ND	7
103 Hexachlorobutadiene	225		27.290					ND	7
104 Naphthalene	128		27.579					ND	7
105 1,2,3-Trichlorobenzene	180	28.065	28.055	0.010	89	1718		0.0201	
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
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

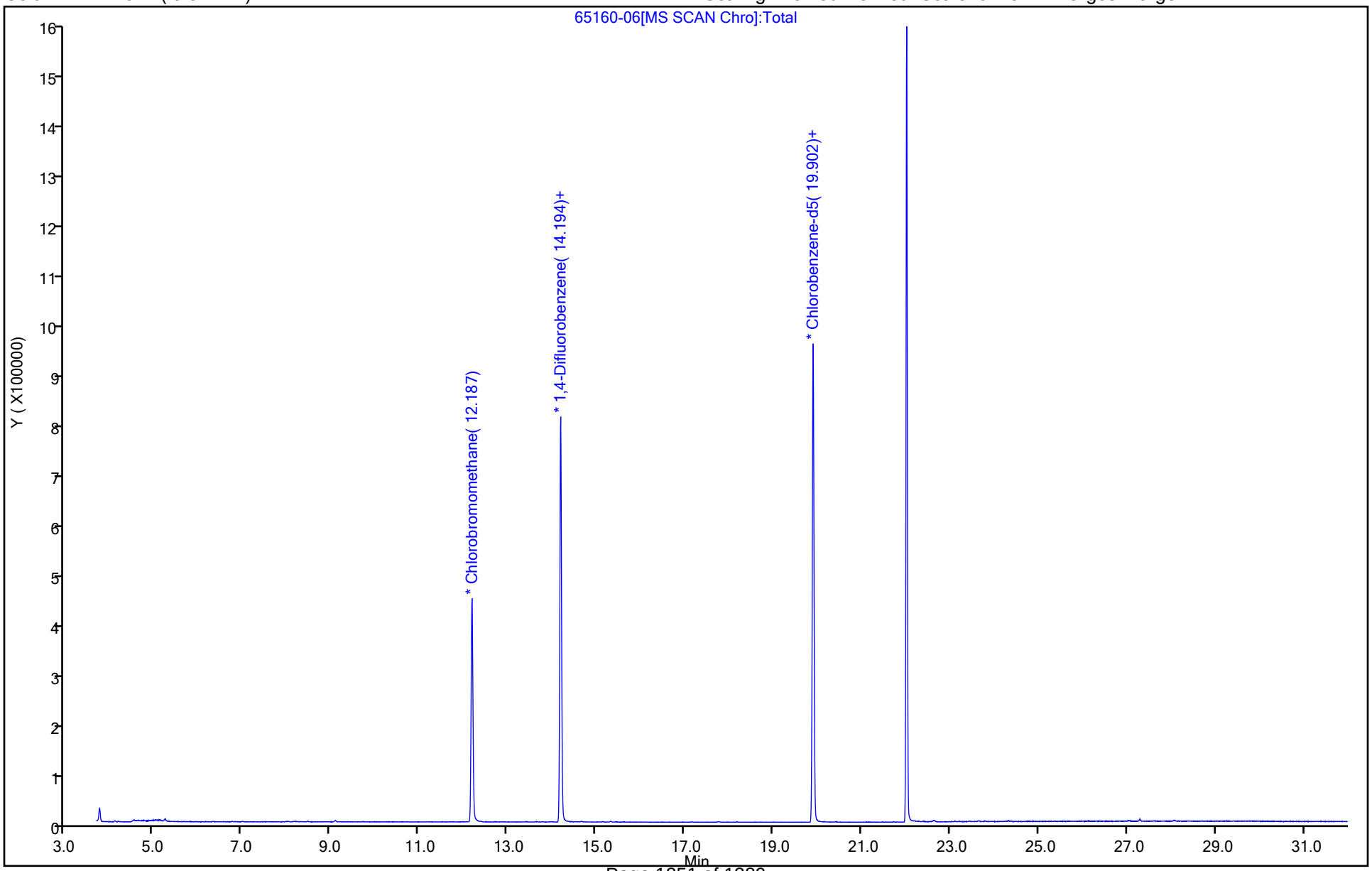
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Eurofins Burlington

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Injection Date:	16-May-2025 11:54:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	MB			Worklist Smp#:	6
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

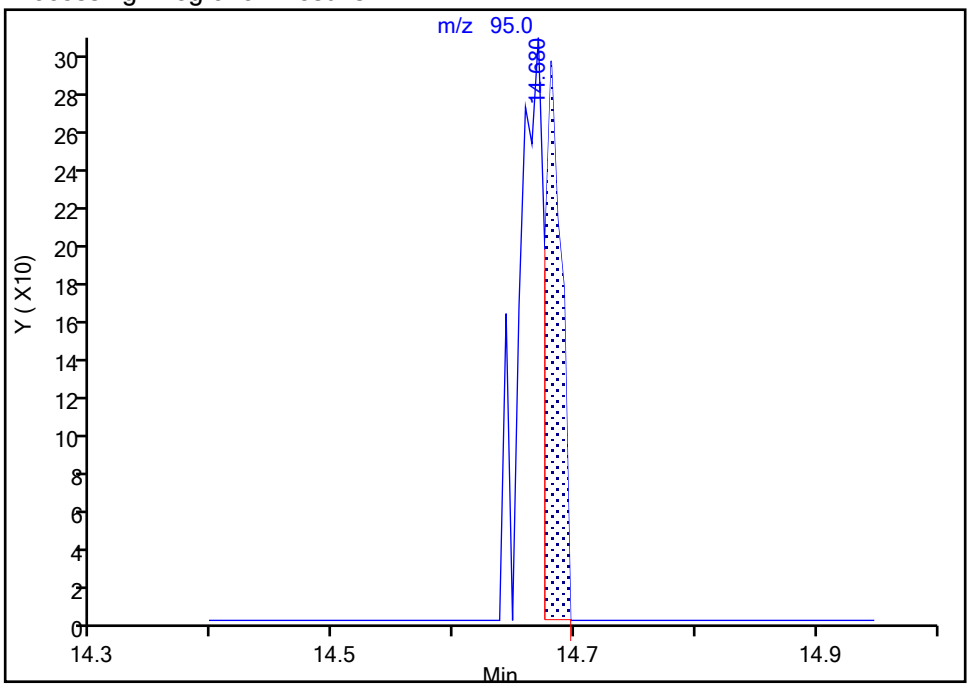
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Injection Date:	16-May-2025 11:54:30	Instrument ID:	CHW.i		
Lims ID:	MB				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

51 Trichloroethene, CAS: 79-01-6

Signal: 1

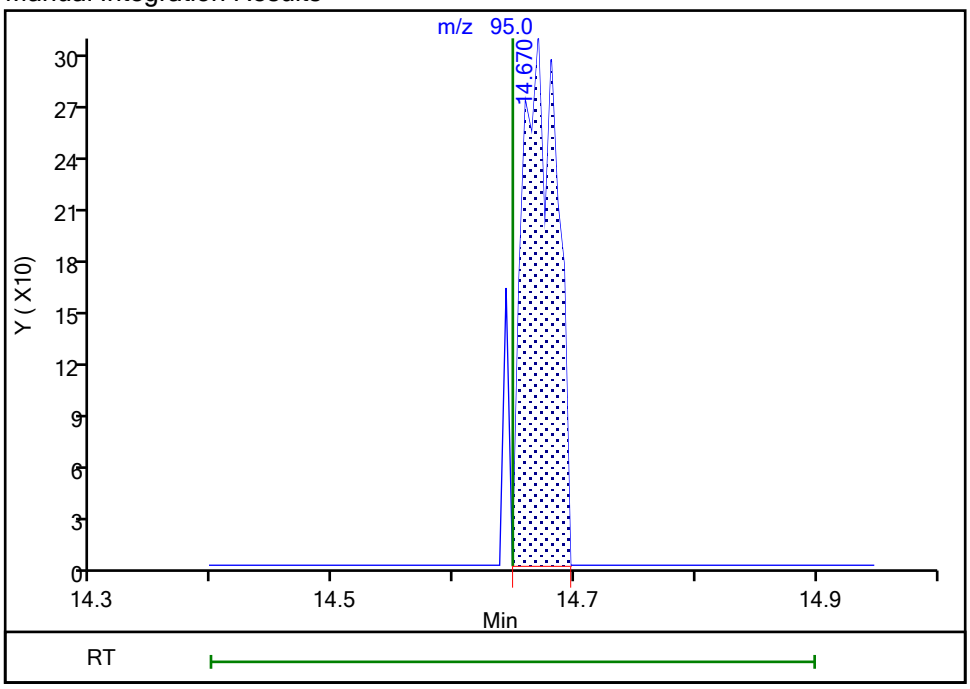
Processing Integration Results

RT: 14.68
Area: 277
Amount: 0.006737
Amount Units: ppb v/v



Manual Integration Results

RT: 14.67
Area: 590
Amount: 0.014350
Amount Units: ppb v/v



Reviewer: YWL8, 18-May-2025 22:24:03 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

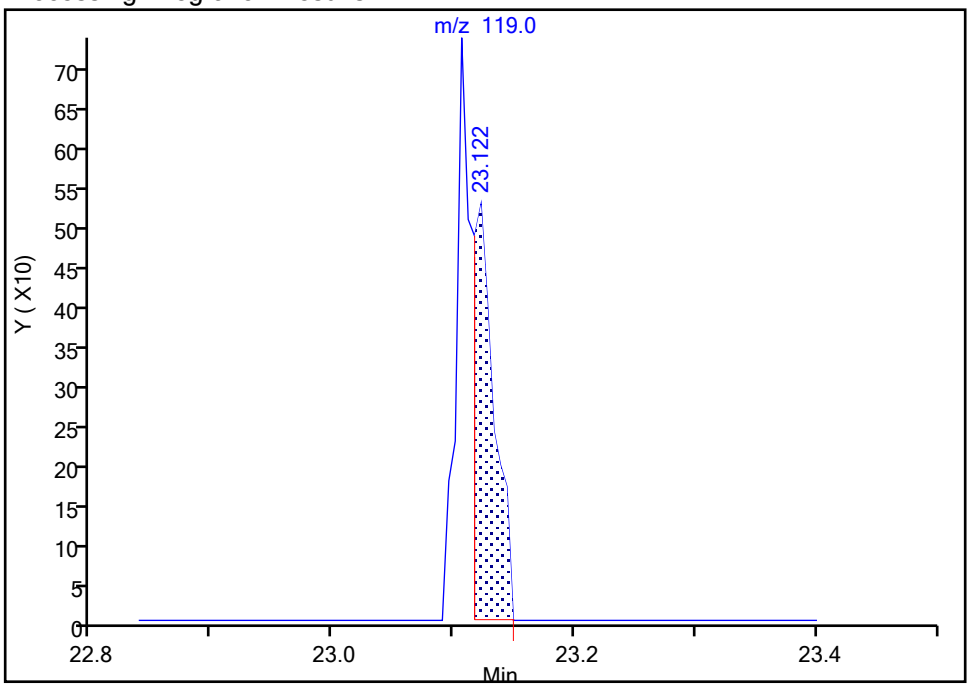
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Injection Date:	16-May-2025 11:54:30	Instrument ID:	CHW.i		
Lims ID:	MB				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Signal: 1

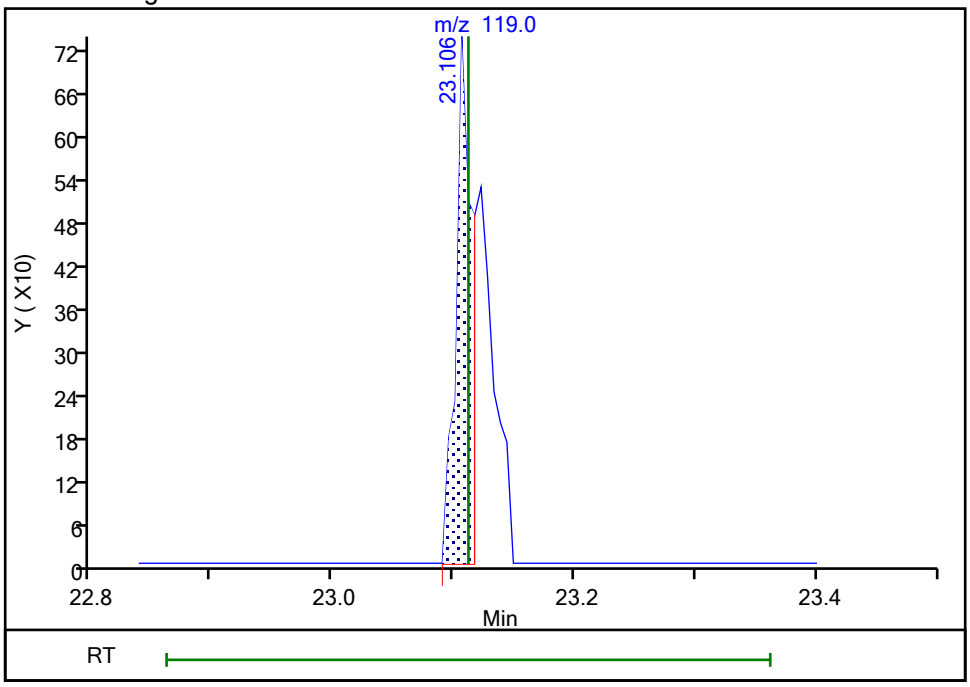
Processing Integration Results

RT: 23.12
Area: 643
Amount: 0.004144
Amount Units: ppb v/v



Manual Integration Results

RT: 23.11
Area: 679
Amount: 0.004376
Amount Units: ppb v/v



Reviewer: YWL8, 18-May-2025 22:24:41 07:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Burlington

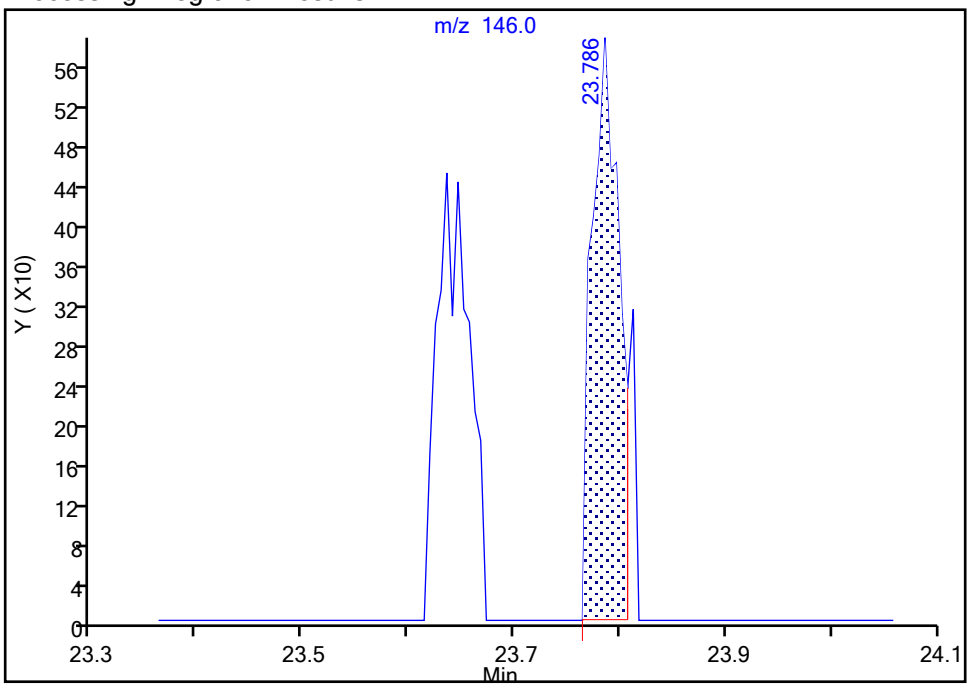
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Injection Date:	16-May-2025 11:54:30	Instrument ID:	CHW.i		
Lims ID:	MB				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Signal: 1

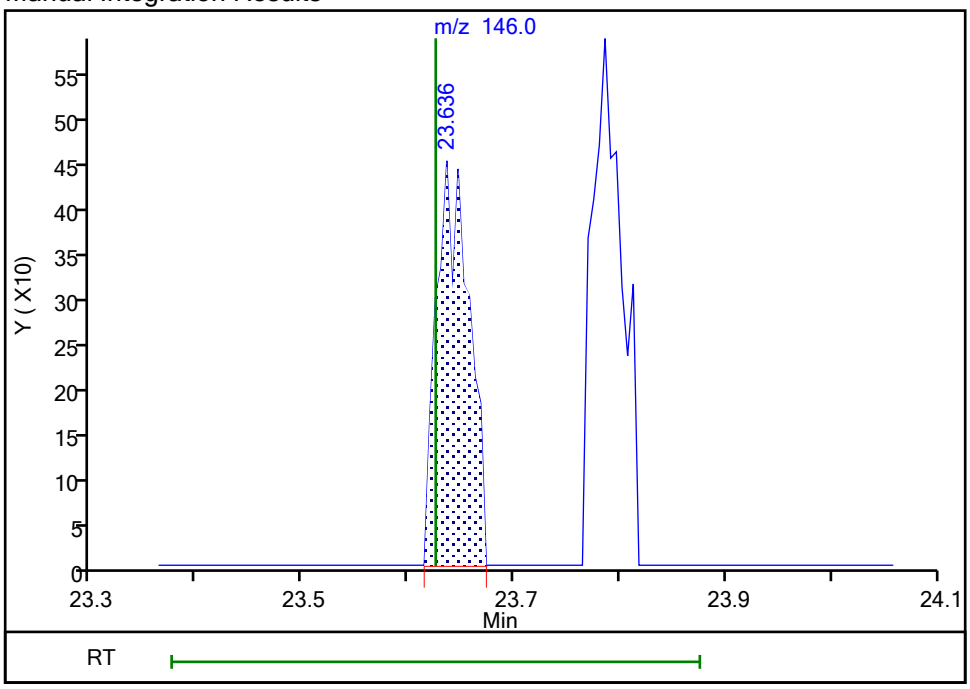
Processing Integration Results

RT: 23.79
Area: 1053
Amount: 0.009433
Amount Units: ppb v/v



Manual Integration Results

RT: 23.64
Area: 962
Amount: 0.008618
Amount Units: ppb v/v



Reviewer: YWL8, 18-May-2025 22:24:54 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

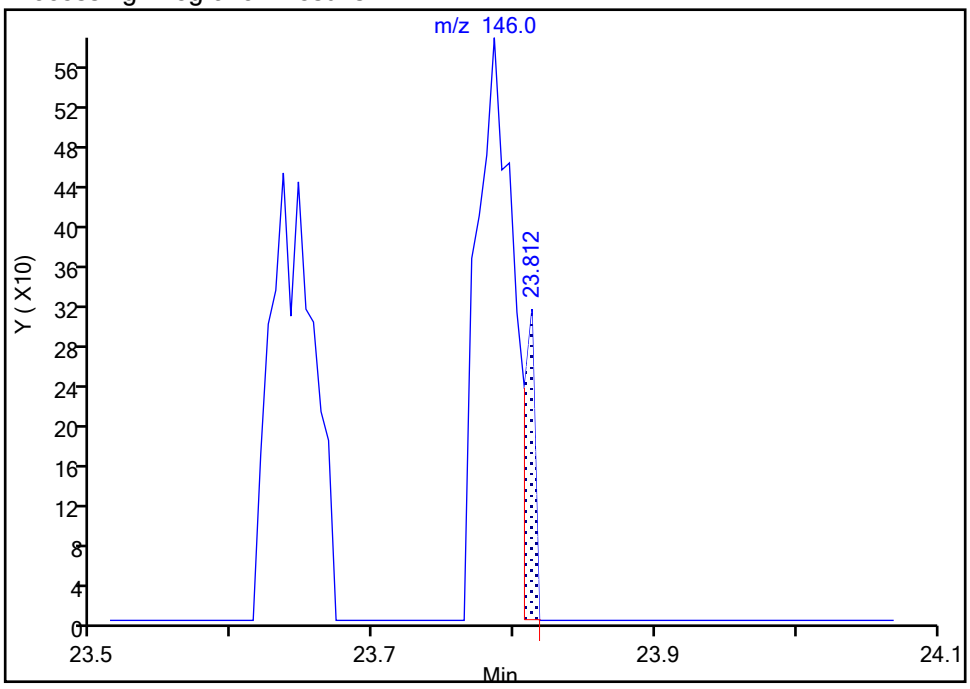
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Injection Date: 16-May-2025 11:54:30 Instrument ID: CHW.i
Lims ID: MB
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

96 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

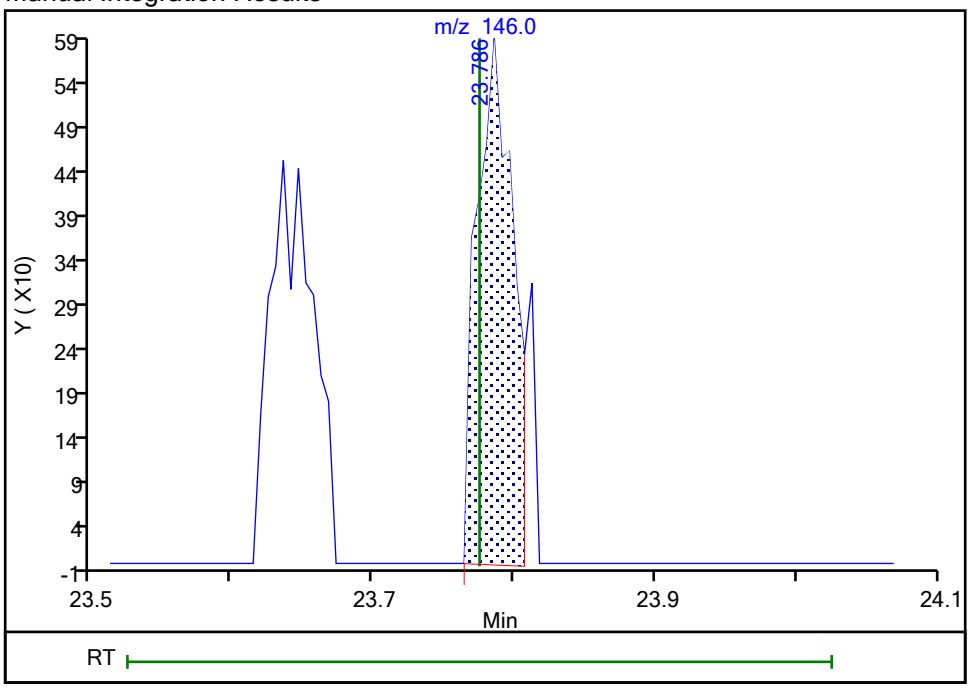
Processing Integration Results

RT: 23.81
Area: 175
Amount: 0.001562
Amount Units: ppb v/v



Manual Integration Results

RT: 23.79
Area: 1056
Amount: 0.009424
Amount Units: ppb v/v



Reviewer: YWL8, 18-May-2025 22:25:03 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78029-1

SDG No.:

Lab File ID: 65203-06.d Lab Sample ID: MB 200-216346/6

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHW.i Date Analyzed: 05/20/2025 11:36

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 200-216346/4	65203-04.d	05/20/2025 09:55
34001609	200-78029-8	65203-24.d	05/21/2025 04:04

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

Lab Name: Eurofins Burlington | Job No.: 200-78029-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-216346/6

Matrix: Air | Lab File ID: 65203-06.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 05/20/2025 11:36

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.: 216346 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.20	U	0.20	0.051
100-42-5	Styrene	0.20	U	0.20	0.056
10061-01-5	1,3-Dichloropropene, cis-	0.20	U	0.20	0.056
10061-02-6	1,3-Dichloropropene, trans-	0.20	U	0.20	0.062
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.070
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.045
106-99-0	1,3-Butadiene	0.20	U	0.20	0.040
107-05-1	Allyl chloride	0.50	U	0.50	0.081
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.074
108-10-1	Methyl isobutyl ketone (MIBK)	0.50	U	0.50	0.19
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.068
108-88-3	Toluene	0.20	U	0.20	0.054
108-90-7	Chlorobenzene	0.20	U	0.20	0.047
109-99-9	Tetrahydrofuran	5.0	U	5.0	1.7
110-54-3	Hexane	0.50	U	0.50	0.16
110-82-7	Cyclohexane	0.20	U	0.20	0.052
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.30
123-91-1	1,4-Dioxane	0.20	U	0.20	0.19
124-48-1	Dibromochloromethane	0.20	U	0.20	0.053
127-18-4	Tetrachloroethene	0.20	U	0.20	0.036
142-82-5	n-Heptane	0.20	U	0.20	0.086
156-59-2	1,2-Dichloroethene, cis-	0.14	U	0.14	0.032
156-60-5	1,2-Dichloroethene, trans-	0.20	U	0.20	0.020
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.066
179601-23-1	m,p-Xylene	0.50	U	0.50	0.014
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.071
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.063
56-23-5	Carbon tetrachloride	0.14	U	0.14	0.024
593-60-2	Vinyl bromide	0.20	U	0.20	0.048
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.068
64-17-5	Ethanol	5.0	U	5.0	2.5
67-63-0	Isopropanol	5.0	U	5.0	2.2

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

Lab Name: Eurofins Burlington Job No.: 200-78029-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-216346/6

Matrix: Air Lab File ID: 65203-06.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/20/2025 11:36

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.: 216346 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.0	U	5.0	1.9
67-66-3	Chloroform	0.20	U	0.20	0.059
71-43-2	Benzene	0.20	U	0.20	0.051
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.073
74-83-9	Bromomethane	0.20	U	0.20	0.062
74-87-3	Chloromethane	0.50	U	0.50	0.33
75-00-3	Chloroethane	0.50	U	0.50	0.16
75-01-4	Vinyl chloride	0.14	U	0.14	0.029
75-09-2	Methylene Chloride	0.50	U	0.50	0.19
75-15-0	Carbon disulfide	0.50	U	0.50	0.18
75-25-2	Bromoform	0.20	U	0.20	0.058
75-27-4	Bromodichloromethane	0.20	U	0.20	0.058
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.018
75-35-4	1,1-Dichloroethene	0.14	U	0.14	0.035
75-65-0	tert-Butyl alcohol	5.0	U	5.0	1.6
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.077
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.22
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.20	U	0.20	0.057
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.076
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.055
78-93-3	Methyl ethyl ketone (MEK)	0.50	U	0.50	0.14
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.053
79-01-6	Trichloroethene	0.14	U	0.14	0.029
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.061
80-62-6	Methyl methacrylate	0.50	U	0.50	0.13
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.078
91-20-3	Naphthalene	0.50	U	0.50	0.11
95-47-6	Xylene, o-	0.20	U	0.20	0.069
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.058
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.066
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.082
591-78-6	2-Hexanone	0.50	U	0.50	0.20

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

Lab Name: Eurofins Burlington Job No.: 200-78029-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-216346/6

Matrix: Air Lab File ID: 65203-06.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/20/2025 11:36

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.: 216346 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
115-07-1	Propene	5.0	U	5.0	4.6
75-45-6	Chlorodifluoromethane	0.50	U	0.50	0.36
106-97-8	Butane	0.50	U	0.50	0.31
108-05-4	Vinyl acetate	5.0	U	5.0	2.1
141-78-6	Ethyl acetate	5.0	U	5.0	1.3
98-82-8	Isopropylbenzene	0.20	U	0.20	0.072
103-65-1	N-Propylbenzene	0.20	U	0.20	0.062
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.070
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.072
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.078
100-44-7	Benzyl chloride	0.20	U	0.20	0.074
104-51-8	n-Butylbenzene	0.20	U	0.20	0.070

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250520-65203.b\65203-06.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 20-May-2025 11:36:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0065203-006
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250520-65203.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 20-May-2025 13:27:30 Calib Date: 11-Apr-2025 02:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250410-64660.b\64660-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1705

First Level Reviewer: BKZ7 Date: 20-May-2025 13:27:30

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		4.110					ND	7
2 Dichlorodifluoromethane	85		4.201					ND	7
3 Chlorodifluoromethane	51		4.238					ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.538					ND	7
5 Chloromethane	50	4.655	4.655	0.000	94	888		0.0333	
6 Vinyl chloride	62		4.949					ND	7
7 Butane	43		4.955					ND	7
8 Butadiene	54		5.062					ND	7
9 Bromomethane	94		5.805					ND	7
10 Chloroethane	64		6.100					ND	
12 2-Methylbutane	43		6.340					ND	7
13 Vinyl bromide	106		6.570					ND	7
14 Trichlorofluoromethane	101		6.758					ND	7
15 Pentane	43		6.988					ND	7
16 Ethanol	45		7.164					ND	
18 Ethyl ether	59		7.458					ND	
19 Acrolein	56		7.742					ND	
20 1,1-Dichloroethene	96		7.983					ND	MU
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.036					ND	7
22 Acetone	43		8.058					ND	7
23 Isopropyl alcohol	45		8.405					ND	
24 Carbon disulfide	76	8.480	8.475	0.005	98	2070		0.0213	
25 Acetonitrile	41		8.651					ND	
26 3-Chloro-1-propene	41		8.812					ND	7
27 Methylene Chloride	49	9.095	9.090	0.005	84	2457		0.0690	
28 2-Methyl-2-propanol	59		9.315					ND	
29 Acrylonitrile	53		9.556					ND	
31 Methyl tert-butyl ether	73		9.689					ND	MU
30 trans-1,2-Dichloroethene	61		9.695					ND	7
S 35 1,2-Dichloroethene, Total	61		10.200					ND	7
32 Hexane	57		10.299					ND	
33 1,1-Dichloroethane	63		10.588					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
34 Vinyl acetate	43		10.593					ND	
36 2-Butanone (MEK)	72		11.679					ND	
37 cis-1,2-Dichloroethene	96		11.722					ND	7
38 Ethyl acetate	88		11.776					ND	
* 39 Chlorobromomethane	128	12.188	12.182	0.006	80	212053	10.0	10.0	
40 Tetrahydrofuran	42		12.236					ND	
41 Chloroform	83		12.380					ND	
42 1,1,1-Trichloroethane	97	12.717	12.723	-0.006	76	1095		0.0167	
43 Cyclohexane	84		12.888					ND	7
44 Carbon tetrachloride	117		13.038					ND	
45 Benzene	78		13.407					ND	7
46 1,2-Dichloroethane	62		13.482					ND	
47 Isooctane	57		13.643					ND	
48 n-Heptane	43		13.969					ND	7
* 49 1,4-Difluorobenzene	114	14.194	14.194	0.000	93	1031741	10.0	10.0	
50 n-Butanol	56		14.397					ND	7
A 52 GRO	1	14.501	(6.330-22.672)		0	3526734		0	
51 Trichloroethene	95	14.670	14.659	0.011	90	1262		0.0285	
53 1,2-Dichloropropane	63		15.141					ND	
54 Methyl methacrylate	69		15.210					ND	
55 1,4-Dioxane	88		15.269					ND	
57 Dibromomethane	174	15.323	15.312	0.011	93	704		0.0155	
58 Dichlorobromomethane	83		15.627					ND	
A 60 TVOC as Toluene	1	16.080	(4.100-28.060)		0	3791204		0	
59 cis-1,3-Dichloropropene	75		16.467					ND	7
61 4-Methyl-2-pentanone (MIBK)	43		16.713					ND	
62 Toluene	92		17.141					ND	7
A 63 Toluene Range	1		(17.072-17.243)					ND	
64 n-Octane	43		17.382					ND	7
A 65 C8 Range	1	17.388	(17.307-17.468)		0	6752		NC	
66 trans-1,3-Dichloropropene	75		17.553					ND	
67 1,1,2-Trichloroethane	83		17.944					ND	
68 Tetrachloroethene	166		18.174					ND	7
69 2-Hexanone	43		18.340					ND	
70 Chlorodibromomethane	129		18.720					ND	7
71 Ethylene Dibromide	107		18.971					ND	7
* 73 Chlorobenzene-d5	117	19.902	19.902	0.000	84	897085	10.0	10.0	
74 Chlorobenzene	112		19.961					ND	MU
S 80 Xylenes, Total	106		20.100					ND	7
75 Ethylbenzene	91		20.148					ND	7
76 m-Xylene & p-Xylene	106		20.399					ND	7
77 n-Nonane	57		20.437					ND	
78 o-Xylene	106		21.111					ND	
79 Styrene	104		21.138					ND	7
81 Bromoform	173		21.459					ND	7
82 Isopropylbenzene	105		21.726					ND	7
83 1,1,2,2-Tetrachloroethane	83		22.186					ND	7
84 1,2,3-Trichloropropane	75		22.288					ND	7
85 N-Propylbenzene	91		22.384					ND	7
86 2-Chlorotoluene	91		22.534					ND	7
87 4-Ethyltoluene	105		22.566					ND	7
88 1,3,5-Trimethylbenzene	105		22.652					ND	7

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 n-Decane	57		22.662					ND	
90 Alpha Methyl Styrene	118		22.962					ND	7
91 tert-Butylbenzene	119		23.112					ND	7
92 1,2,4-Trimethylbenzene	105		23.197					ND	7
93 sec-Butylbenzene	105		23.433					ND	7
94 1,3-Dichlorobenzene	146	23.636	23.625	0.011	88	1297		0.0113	
95 4-Isopropyltoluene	119		23.647					ND	7
96 1,4-Dichlorobenzene	146		23.775					ND	7
97 Benzyl chloride	91		23.920					ND	7
98 n-Butylbenzene	91		24.246					ND	7
99 1,2-Dichlorobenzene	146	24.315	24.310	0.005	89	1334		0.0121	
100 Undecane	57		24.380					ND	7
101 Dodecane	57		26.129					ND	7
102 1,2,4-Trichlorobenzene	180		27.022					ND	7
103 Hexachlorobutadiene	225	27.290	27.295	-0.005	88	2008		0.0210	
104 Naphthalene	128	27.595	27.573	0.022	94	3093		0.0181	
105 1,2,3-Trichlorobenzene	180	28.060	28.050	0.010	89	2088		0.0238	
109 Chlorotrifluoroethene TIC	1		0.000					ND	
110 Difluoroethane TIC	1		0.000					ND	
111 Total Alkanes TIC	1		0.000					ND	
112 Freon 115 TIC	1		0.000					ND	
113 1,1,1-Trifluoro-2,2-dichloroetha	1		0.000					ND	
114 Methylcyclohexane	83		0.000					ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- 7 - Failed Limit of Detection

Review Flags
- U - Marked Undetected

Reagents:

ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

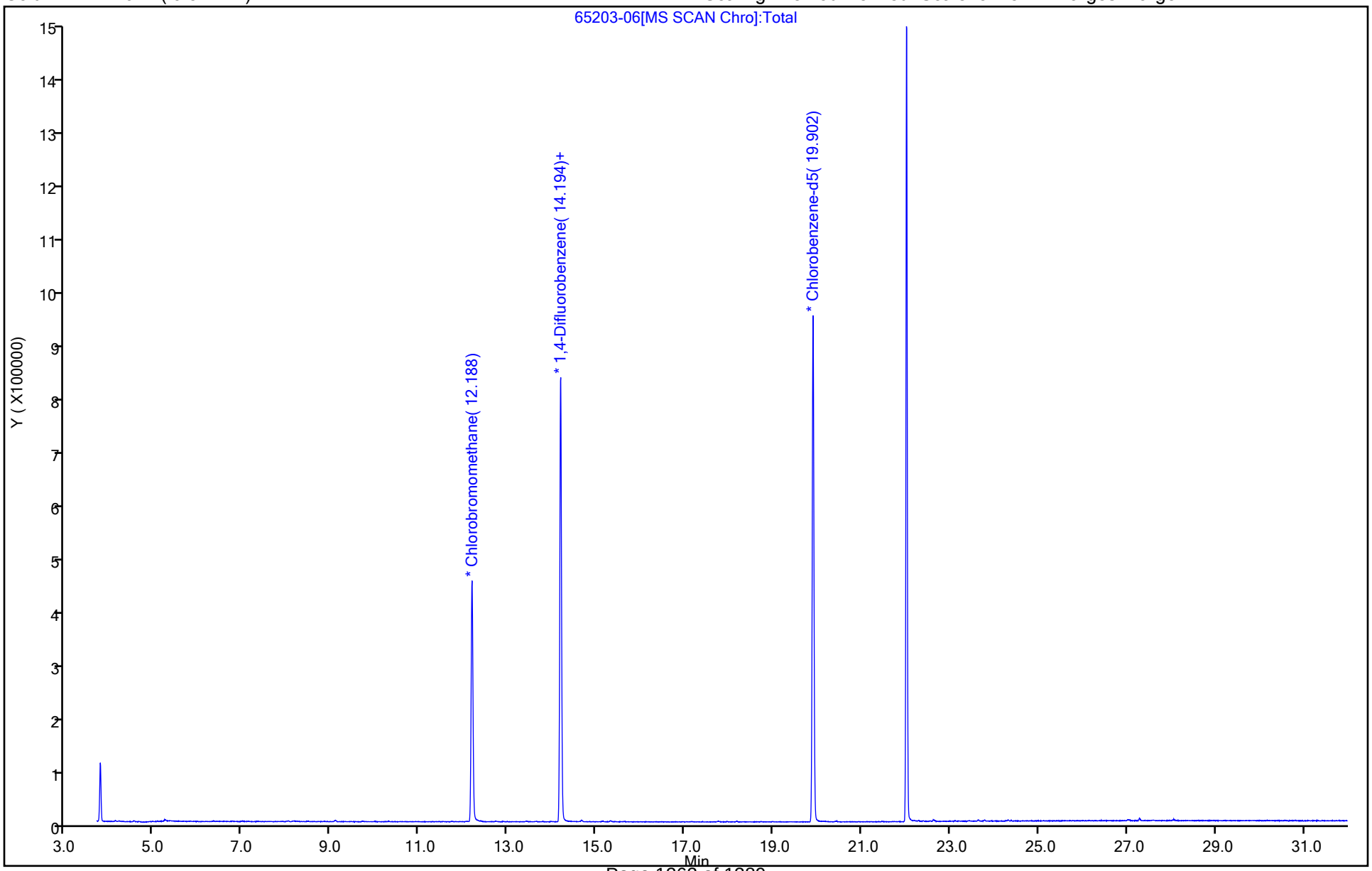
Report Date: 20-May-2025 13:27:31 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250520-65203.b\65203-06.d

Injection Date:	20-May-2025 11:36:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	MB			Worklist Smp#:	6
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



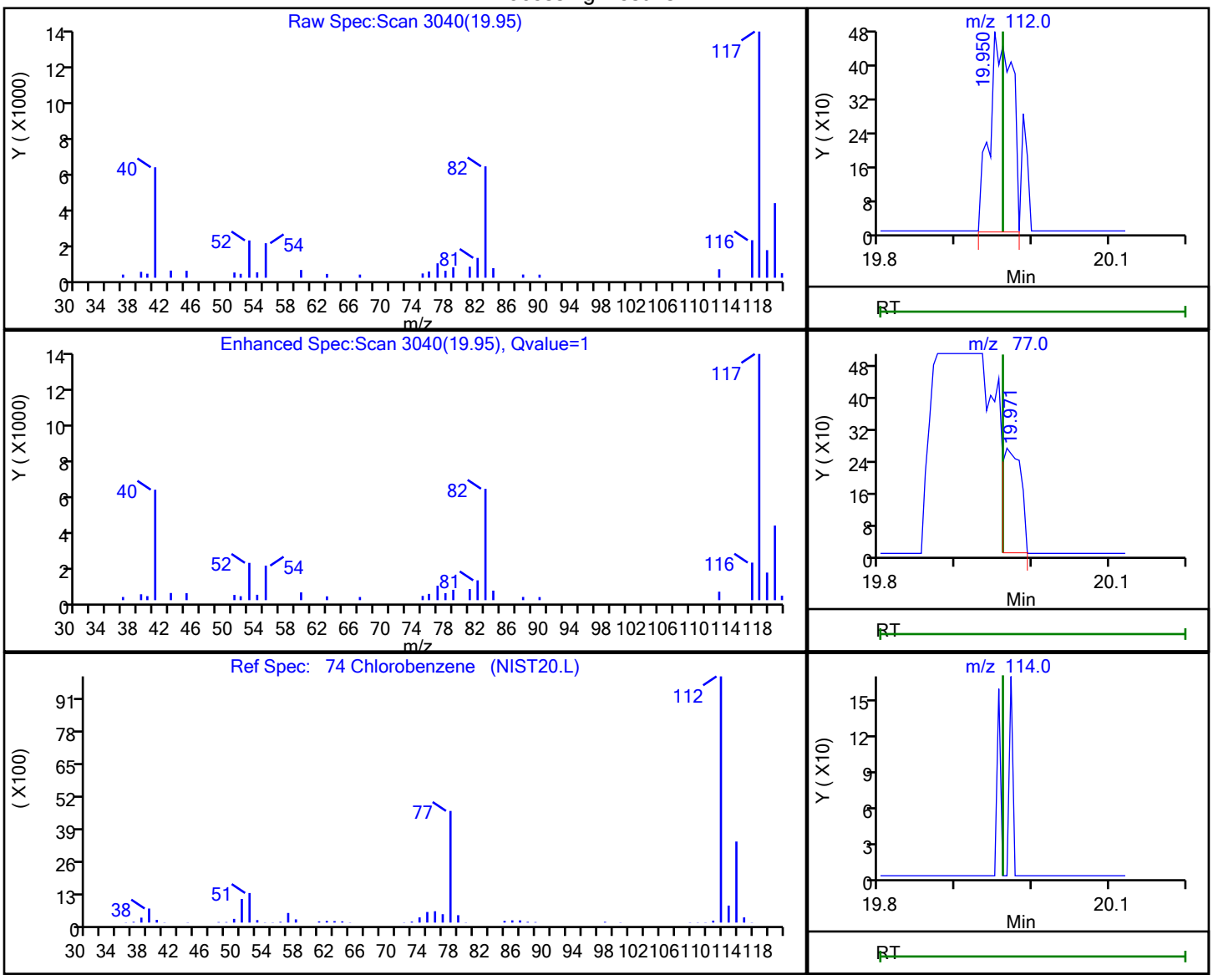
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250520-65203.b\65203-06.d				
Injection Date:	20-May-2025 11:36:30	Instrument ID:	CHW.i		
Lims ID:	MB				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
19.95	112.00	970	0.009074
19.97	77.00	448	
19.96	114.00	0	

Reviewer: BKZ7, 20-May-2025 13:27:14 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

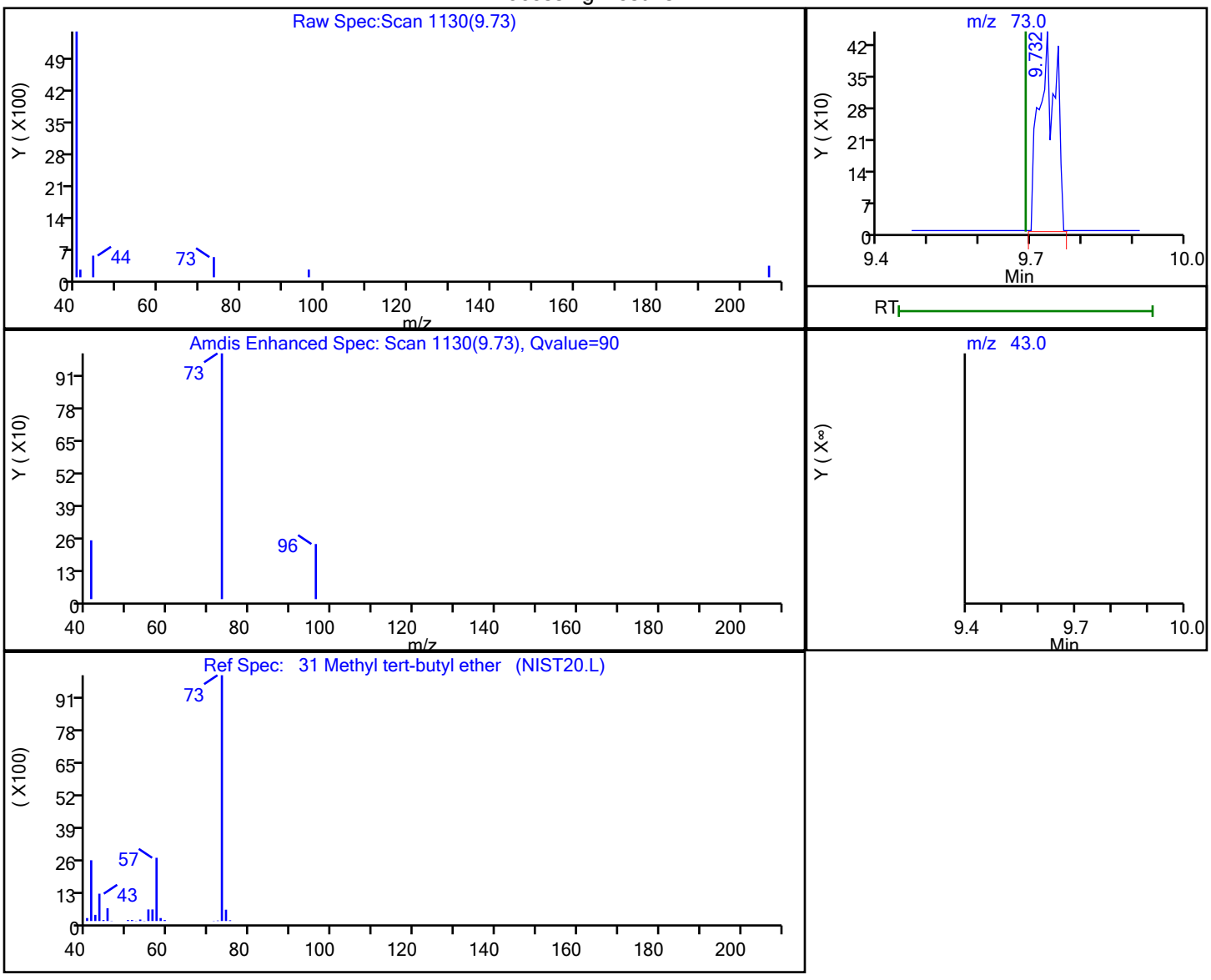
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250520-65203.b\65203-06.d				
Injection Date:	20-May-2025 11:36:30	Instrument ID:	CHW.i		
Lims ID:	MB				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
9.73	73.00	1023	0.011130
9.69	43.00	0	

Reviewer: BKZ7, 20-May-2025 13:26:52 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

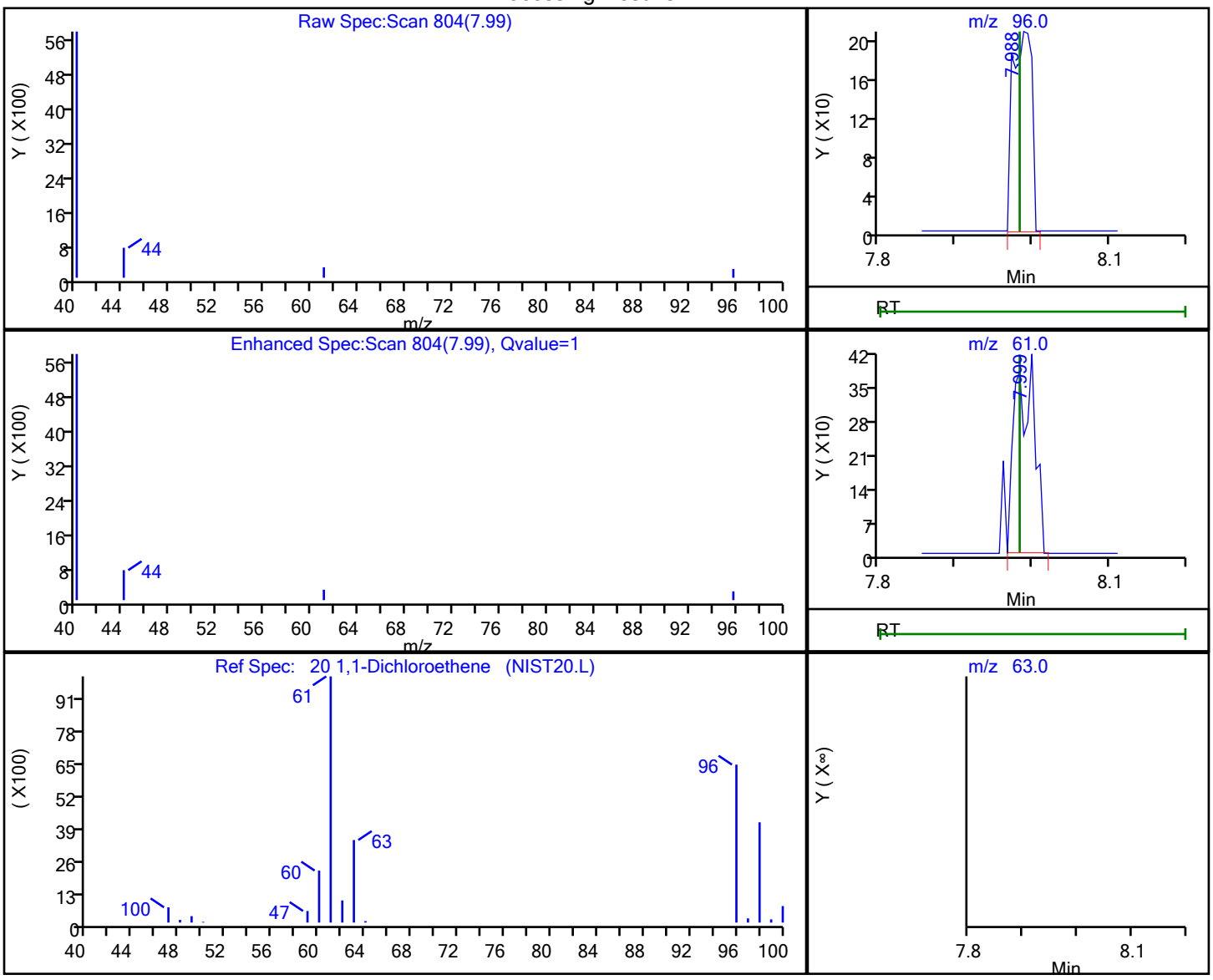
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250520-65203.b\65203-06.d				
Injection Date:	20-May-2025 11:36:30	Instrument ID:	CHW.i		
Lims ID:	MB				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
7.99	96.00	359	0.010868
8.00	61.00	715	
7.98	63.00	0	

Reviewer: BKZ7, 20-May-2025 13:26:44 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins Burlington Job No.: 200-77862-1

SDG No.:

Lab File ID: 64733_001.D BFB Injection Date: 04/15/2025

Instrument ID: CHAN.i BFB Injection Time: 17:04

Analysis Batch No.: 215201

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	21.9	
75	30.0 - 66.0% of mass 95	51.6	
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	59.1	
175	4.0 - 9.0 % of mass 174	4.8	(8.2) 1
176	93.0 - 101.0% of mass 174	57.4	(97.1) 1
177	5.0 - 9.0% of mass 176	3.8	(6.6) 2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-215201/4	64733_004.D	04/15/2025	19:37
	IC 200-215201/6	64733_006.D	04/15/2025	21:20
	IC 200-215201/7	64733_007.D	04/15/2025	22:12
	ICIS 200-215201/9	64733_009.D	04/15/2025	23:55
	IC 200-215201/10	64733_010.D	04/16/2025	0:47
	IC 200-215201/13	64733_013.D	04/16/2025	3:21
	IC 200-215201/14	64733_014.D	04/16/2025	4:13
	IC 200-215201/21	64733_021.D	04/16/2025	10:13
	ICV 200-215201/22	64733_022.D	04/16/2025	11:40

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

Lab Name: Eurofins Burlington Job No.: 200-77862-1

SDG No.:

Lab File ID: 64994_001.D BFB Injection Date: 05/05/2025

Instrument ID: CHAN.i BFB Injection Time: 06:51

Analysis Batch No.: 215821

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	23.9	
75	30.0 - 66.0% of mass 95	54.7	
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	60.0	
175	4.0 - 9.0 % of mass 174	5.0	(8.4) 1
176	93.0 - 101.0% of mass 174	57.7	(96.3) 1
177	5.0 - 9.0% of mass 176	3.7	(6.5) 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 200-215821/2	64994_002.D	05/05/2025	7:42
	LCS 200-215821/4	64994_004.D	05/05/2025	9:26
	MB 200-215821/6	64994_006.D	05/05/2025	11:09
3643	200-77862-12	64994_007.D	05/05/2025	12:17

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

Lab Name: Eurofins Burlington Job No.: 200-77863-1

SDG No.:

Lab File ID: 64733_001.D BFB Injection Date: 04/15/2025

Instrument ID: CHAN.i BFB Injection Time: 17:04

Analysis Batch No.: 215201

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	21.9	
75	30.0 - 66.0% of mass 95	51.6	
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	59.1	
175	4.0 - 9.0 % of mass 174	4.8	(8.2) 1
176	93.0 - 101.0% of mass 174	57.4	(97.1) 1
177	5.0 - 9.0% of mass 176	3.8	(6.6) 2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-215201/4	64733_004.D	04/15/2025	19:37
	IC 200-215201/6	64733_006.D	04/15/2025	21:20
	IC 200-215201/7	64733_007.D	04/15/2025	22:12
	ICIS 200-215201/9	64733_009.D	04/15/2025	23:55
	IC 200-215201/10	64733_010.D	04/16/2025	0:47
	IC 200-215201/13	64733_013.D	04/16/2025	3:21
	IC 200-215201/14	64733_014.D	04/16/2025	4:13
	IC 200-215201/21	64733_021.D	04/16/2025	10:13
	ICV 200-215201/22	64733_022.D	04/16/2025	11:40

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

Lab Name: Eurofins Burlington Job No.: 200-77863-1

SDG No.:

Lab File ID: 64975_001.D BFB Injection Date: 05/02/2025

Instrument ID: CHAN.i BFB Injection Time: 07:23

Analysis Batch No.: 215773

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	24.8	
75	30.0 - 66.0% of mass 95	56.7	
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	59.3	
175	4.0 - 9.0 % of mass 174	5.0	(8.4) 1
176	93.0 - 101.0% of mass 174	57.3	(96.6) 1
177	5.0 - 9.0% of mass 176	3.7	(6.4) 2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-215773/2	64975_002.D	05/02/2025	8:14
	LCS 200-215773/3	64975_003.D	05/02/2025	9:07
	MB 200-215773/5	64975_005.D	05/02/2025	10:50
5455	200-77863-12	64975_006.D	05/02/2025	11:56

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

Lab Name: Eurofins Burlington Job No.: 200-78004-1

SDG No.:

Lab File ID: 64660-02.d BFB Injection Date: 04/10/2025

Instrument ID: CHW.i BFB Injection Time: 15:50

Analysis Batch No.: 215048

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	15.2	
75	30.0 - 66.0% of mass 95	44.4	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.5	
173	Less than 2.0% of mass 174	0.6	(0.7) 1
174	50.0 - 120.0% of mass 95	86.6	
175	4.0 - 9.0 % of mass 174	6.2	(7.2) 1
176	93.0 - 101.0% of mass 174	84.1	(97.2) 1
177	5.0 - 9.0% of mass 176	5.7	(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 200-215048/5	64660-05.d	04/10/2025	18:22
	IC 200-215048/7	64660-07.d	04/10/2025	20:04
	IC 200-215048/8	64660-08.d	04/10/2025	20:55
	IC 200-215048/9	64660-09.d	04/10/2025	21:46
	ICIS 200-215048/10	64660-10.d	04/10/2025	22:36
	IC 200-215048/11	64660-11.d	04/10/2025	23:27
	IC 200-215048/14	64660-14.d	04/11/2025	2:00
	IC 200-215048/15	64660-15.d	04/11/2025	2:50
	ICV 200-215048/19	64660-19.d	04/11/2025	6:13

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

Lab Name: Eurofins Burlington Job No.: 200-78004-1

SDG No.:

Lab File ID: 65160-02.d BFB Injection Date: 05/16/2025

Instrument ID: CHW.i BFB Injection Time: 08:28

Analysis Batch No.: 216245

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	14.7	
75	30.0 - 66.0% of mass 95	45.1	
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	0.8	(0.8) 1
174	50.0 - 120.0% of mass 95	95.2	
175	4.0 - 9.0 % of mass 174	6.8	(7.1) 1
176	93.0 - 101.0% of mass 174	92.8	(97.5) 1
177	5.0 - 9.0% of mass 176	6.1	(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 200-216245/3	65160-03.d	05/16/2025	9:20
	LCS 200-216245/4	65160-04.d	05/16/2025	10:11
	MB 200-216245/6	65160-06.d	05/16/2025	11:54
3390	200-78004-7	65160-08.d	05/16/2025	14:03

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

Lab Name: Eurofins Burlington Job No.: 200-78029-1

SDG No.:

Lab File ID: 64660-02.d BFB Injection Date: 04/10/2025

Instrument ID: CHW.i BFB Injection Time: 15:50

Analysis Batch No.: 215048

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	15.2	
75	30.0 - 66.0% of mass 95	44.4	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.5	
173	Less than 2.0% of mass 174	0.6	(0.7) 1
174	50.0 - 120.0% of mass 95	86.6	
175	4.0 - 9.0 % of mass 174	6.2	(7.2) 1
176	93.0 - 101.0% of mass 174	84.1	(97.2) 1
177	5.0 - 9.0% of mass 176	5.7	(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 200-215048/5	64660-05.d	04/10/2025	18:22
	IC 200-215048/7	64660-07.d	04/10/2025	20:04
	IC 200-215048/8	64660-08.d	04/10/2025	20:55
	IC 200-215048/9	64660-09.d	04/10/2025	21:46
	ICIS 200-215048/10	64660-10.d	04/10/2025	22:36
	IC 200-215048/11	64660-11.d	04/10/2025	23:27
	IC 200-215048/14	64660-14.d	04/11/2025	2:00
	IC 200-215048/15	64660-15.d	04/11/2025	2:50
	ICV 200-215048/19	64660-19.d	04/11/2025	6:13

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

Lab Name: Eurofins Burlington Job No.: 200-78029-1

SDG No.:

Lab File ID: 65203-01.d BFB Injection Date: 05/20/2025

Instrument ID: CHW.i BFB Injection Time: 07:23

Analysis Batch No.: 216346

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	14.3	
75	30.0 - 66.0% of mass 95	44.8	
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	0.7	(0.7) 1
174	50.0 - 120.0% of mass 95	97.4	
175	4.0 - 9.0 % of mass 174	6.9	(7.1) 1
176	93.0 - 101.0% of mass 174	94.1	(96.6) 1
177	5.0 - 9.0% of mass 176	6.2	(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 200-216346/2	65203-02.d	05/20/2025	8:13
	LCS 200-216346/4	65203-04.d	05/20/2025	9:55
	MB 200-216346/6	65203-06.d	05/20/2025	11:36
34001609	200-78029-8	65203-24.d	05/21/2025	4:04

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

Lab Name: Eurofins Burlington Job No.: 200-77862-1

SDG No.:

Sample No.: ICIS 200-215201/9 Date Analyzed: 04/15/2025 23:55

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 64733_009.D Heated Purge: (Y/N) N

Calibration ID: 54955

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		642685	11.52	3164771	13.36	2783184	18.83
UPPER LIMIT		899759	11.85	4430679	13.69	3896458	19.16
LOWER LIMIT		385611	11.19	1898863	13.03	1669910	18.50
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-215201/22		723477	11.52	3609203	13.36	3139582	18.83

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

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Burlington Job No.: 200-77862-1

SDG No.:

Sample No.: CCVIS 200-215821/2 Date Analyzed: 05/05/2025 07:42

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 64994_002.D Heated Purge: (Y/N) N

Calibration ID: 54955

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		515157	11.52	2567079	13.36	2215615	18.82
UPPER LIMIT		721220	11.85	3593911	13.69	3101861	19.15
LOWER LIMIT		309094	11.19	1540247	13.03	1329369	18.49
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-215821/4		541346	11.52	2708216	13.36	2337180	18.82
MB 200-215821/6		525232	11.52	2620274	13.36	2191457	18.82
200-77862-12	3643	474084	11.51	2394921	13.36	1987581	18.82

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

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Burlington Job No.: 200-77863-1

SDG No.:

Sample No.: ICIS 200-215201/9 Date Analyzed: 04/15/2025 23:55

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 64733_009.D Heated Purge: (Y/N) N

Calibration ID: 54955

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		642685	11.52	3164771	13.36	2783184	18.83
UPPER LIMIT		899759	11.85	4430679	13.69	3896458	19.16
LOWER LIMIT		385611	11.19	1898863	13.03	1669910	18.50
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-215201/22		723477	11.52	3609203	13.36	3139582	18.83

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

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Burlington Job No.: 200-77863-1

SDG No.:

Sample No.: CCVIS 200-215773/2 Date Analyzed: 05/02/2025 08:14

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 64975_002.D Heated Purge: (Y/N) N

Calibration ID: 54955

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		469869	11.51	2315814	13.36	2042247	18.82
UPPER LIMIT		657817	11.84	3242140	13.69	2859146	19.15
LOWER LIMIT		281921	11.18	1389488	13.03	1225348	18.49
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-215773/3		482396	11.52	2424419	13.36	2098828	18.82
MB 200-215773/5		479707	11.52	2435750	13.36	2017751	18.82
200-77863-12	5455	427146	11.51	2125282	13.36	1764801	18.82

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

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Burlington Job No.: 200-78004-1

SDG No.:

Sample No.: ICIS 200-215048/10 Date Analyzed: 04/10/2025 22:36

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 64660-10.d Heated Purge: (Y/N) N

Calibration ID: 54929

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		271538	12.18	1423324	14.19	1172314	19.90
UPPER LIMIT		380153	12.51	1992654	14.52	1641240	20.23
LOWER LIMIT		162923	11.85	853994	13.86	703388	19.57
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-215048/19		273603	12.19	1438665	14.19	1216799	19.90

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

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Burlington Job No.: 200-78004-1

SDG No.:

Sample No.: CCVIS 200-216245/3 Date Analyzed: 05/16/2025 09:20

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 65160-03.d Heated Purge: (Y/N) N

Calibration ID: 54929

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		221114	12.17	1098203	14.18	980664	19.90
UPPER LIMIT		309560	12.50	1537484	14.51	1372930	20.23
LOWER LIMIT		132668	11.84	658922	13.85	588398	19.57
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-216245/4		233339	12.19	1172561	14.19	1041084	19.90
MB 200-216245/6		202391	12.19	957198	14.19	874115	19.90
200-78004-7	3390	221798	12.19	1057578	14.19	975102	19.91

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

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Burlington Job No.: 200-78029-1

SDG No.:

Sample No.: ICIS 200-215048/10 Date Analyzed: 04/10/2025 22:36

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 64660-10.d Heated Purge: (Y/N) N

Calibration ID: 54929

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		271538	12.18	1423324	14.19	1172314	19.90
UPPER LIMIT		380153	12.51	1992654	14.52	1641240	20.23
LOWER LIMIT		162923	11.85	853994	13.86	703388	19.57
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-215048/19		273603	12.19	1438665	14.19	1216799	19.90

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

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Burlington Job No.: 200-78029-1

SDG No.:

Sample No.: CCVIS 200-216346/2 Date Analyzed: 05/20/2025 08:13

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 65203-02.d Heated Purge: (Y/N) N

Calibration ID: 54929

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		210207	12.18	1032642	14.19	934338	19.90
UPPER LIMIT		294290	12.51	1445699	14.52	1308073	20.23
LOWER LIMIT		126124	11.85	619585	13.86	560603	19.57
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-216346/4		214665	12.19	1075107	14.19	963168	19.90
MB 200-216346/6		212053	12.19	1031741	14.19	897085	19.90
200-78029-8	34001609	205021	12.19	954891	14.19	874824	19.91

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.: 200-77862-1

SDG No.:

Client Sample ID: 3643 Lab Sample ID: 200-77862-12

Matrix: Air Lab File ID: 64994_007.D

Analysis Method: TO-15 Date Collected: 04/29/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 05/05/2025 12:17

Soil Aliquot Vol: Dilution Factor: 0.2

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.: 215821 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.040	U	0.040	0.010
100-42-5	Styrene	0.040	U	0.040	0.011
10061-01-5	1,3-Dichloropropene, cis-	0.040	U	0.040	0.011
10061-02-6	1,3-Dichloropropene, trans-	0.040	U	0.040	0.012
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.014
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.0090
106-99-0	1,3-Butadiene	0.040	U	0.040	0.0080
107-05-1	Allyl chloride	0.10	U	0.10	0.016
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.015
108-10-1	Methyl isobutyl ketone (MIBK)	0.10	U	0.10	0.038
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.014
108-88-3	Toluene	0.040	U	0.040	0.011
108-90-7	Chlorobenzene	0.040	U	0.040	0.0094
109-99-9	Tetrahydrofuran	1.0	U	1.0	0.34
110-54-3	Hexane	0.10	U	0.10	0.032
110-82-7	Cyclohexane	0.040	U	0.040	0.010
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.060
123-91-1	1,4-Dioxane	0.040	U	0.040	0.038
124-48-1	Dibromochloromethane	0.040	U	0.040	0.011
127-18-4	Tetrachloroethene	0.040	U	0.040	0.0072
142-82-5	n-Heptane	0.040	U	0.040	0.017
156-59-2	1,2-Dichloroethene, cis-	0.028	U	0.028	0.0064
156-60-5	1,2-Dichloroethene, trans-	0.040	U	0.040	0.0040
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.013
179601-23-1	m,p-Xylene	0.10	U	0.10	0.0028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.014
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.013
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.0048
593-60-2	Vinyl bromide	0.040	U	0.040	0.0096
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.014
64-17-5	Ethanol	1.0	U	1.0	0.50
67-63-0	Isopropanol	1.0	U	1.0	0.44

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

Lab Name: Eurofins Burlington Job No.: 200-77862-1

SDG No.:

Client Sample ID: 3643 Lab Sample ID: 200-77862-12

Matrix: Air Lab File ID: 64994_007.D

Analysis Method: TO-15 Date Collected: 04/29/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 05/05/2025 12:17

Soil Aliquot Vol: Dilution Factor: 0.2

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.: 215821 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	1.0	U	1.0	0.38
67-66-3	Chloroform	0.040	U	0.040	0.012
71-43-2	Benzene	0.040	U	0.040	0.010
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.015
74-83-9	Bromomethane	0.040	U	0.040	0.012
74-87-3	Chloromethane	0.10	U	0.10	0.066
75-00-3	Chloroethane	0.10	U	0.10	0.032
75-01-4	Vinyl chloride	0.028	U	0.028	0.0058
75-09-2	Methylene Chloride	0.10	U	0.10	0.038
75-15-0	Carbon disulfide	0.10	U	0.10	0.036
75-25-2	Bromoform	0.040	U	0.040	0.012
75-27-4	Bromodichloromethane	0.040	U	0.040	0.012
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.0036
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.0070
75-65-0	tert-Butyl alcohol	1.0	U	1.0	0.32
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.015
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.044
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.011
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.015
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.011
78-93-3	Methyl ethyl ketone (MEK)	0.10	U	0.10	0.028
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.011
79-01-6	Trichloroethene	0.028	U	0.028	0.0058
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.012
80-62-6	Methyl methacrylate	0.10	U	0.10	0.026
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.016
91-20-3	Naphthalene	0.10	U	0.10	0.022
95-47-6	Xylene, o-	0.040	U	0.040	0.014
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.012
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.013
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.016
591-78-6	2-Hexanone	0.10	U	0.10	0.040

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

Lab Name: Eurofins Burlington Job No.: 200-77862-1

SDG No.:

Client Sample ID: 3643 Lab Sample ID: 200-77862-12

Matrix: Air Lab File ID: 64994_007.D

Analysis Method: TO-15 Date Collected: 04/29/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 05/05/2025 12:17

Soil Aliquot Vol: Dilution Factor: 0.2

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.: 215821 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
115-07-1	Propene	1.0	U	1.0	0.92
75-45-6	Chlorodifluoromethane	0.10	U	0.10	0.072
106-97-8	Butane	0.10	U	0.10	0.062
108-05-4	Vinyl acetate	1.0	U	1.0	0.42
141-78-6	Ethyl acetate	1.0	U	1.0	0.26
98-82-8	Isopropylbenzene	0.040	U	0.040	0.014
103-65-1	N-Propylbenzene	0.040	U	0.040	0.012
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.014
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.014
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.016
100-44-7	Benzyl chloride	0.040	U	0.040	0.015
104-51-8	n-Butylbenzene	0.040	U	0.040	0.014

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250505-64994.b\64994_007.D
Lims ID: 200-77862-A-12
Client ID: 3643
Sample Type: Client
Inject. Date: 05-May-2025 12:17:41 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064994-007
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250505-64994.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 06-May-2025 12:53:04 Calib Date: 16-Apr-2025 10:13:55
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250415-64733.b\64733_021.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1612

First Level Reviewer: YWL8 Date: 06-May-2025 12:55:43

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1	Propene	41		4.348				ND	7
2	Dichlorodifluoromethane	85		4.444				ND	
3	Chlorodifluoromethane	51		4.487				ND	
4	1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808				ND	
5	Chloromethane	50		4.920				ND	7
6	Vinyl chloride	62		5.214				ND	
7	Butane	43		5.220				ND	7
8	Butadiene	54		5.332				ND	
9	Bromomethane	94		6.049				ND	
10	Chloroethane	64		6.316				ND	
13	Vinyl bromide	106		6.734				ND	
14	Trichlorofluoromethane	101		6.900				ND	
16	Ethanol	45		7.242				ND	
20	1,1-Dichloroethene	96		7.953				ND	7
21	1,1,2-Trichloro-1,2,2-trifluoroe	101		7.996				ND	
22	Acetone	43		8.002				ND	7
23	Isopropyl alcohol	45		8.290				ND	
24	Carbon disulfide	76		8.355				ND	
26	3-Chloro-1-propene	41		8.638				ND	
27	Methylene Chloride	49		8.863				ND	7
28	2-Methyl-2-propanol	59		9.050				ND	
30	trans-1,2-Dichloroethene	61		9.366				ND	
31	Methyl tert-butyl ether	73		9.371				ND	
32	Hexane	57		9.885				ND	
33	1,1-Dichloroethane	63		10.120				ND	
34	Vinyl acetate	43		10.125				ND	
36	2-Butanone (MEK)	72		11.067				ND	
37	cis-1,2-Dichloroethene	96		11.110				ND	7
38	Ethyl acetate	88		11.158				ND	
* 39	Chlorobromomethane	128	11.511	11.516	-0.005	96	474084	10.0	
40	Tetrahydrofuran	42		11.559				ND	
41	Chloroform	83		11.693				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
42 1,1,1-Trichloroethane	97		12.009				ND	
43 Cyclohexane	84		12.164				ND	
44 Carbon tetrachloride	117		12.292				ND	
45 Benzene	78		12.629				ND	7
46 1,2-Dichloroethane	62		12.688				ND	
47 Isooctane	57		12.865				ND	
48 n-Heptane	43		13.175				ND	7
* 49 1,4-Difluorobenzene	114	13.357	13.357	0.000	97	2394921	10.0	
51 Trichloroethene	95		13.795				ND	
53 1,2-Dichloropropane	63		14.239				ND	
54 Methyl methacrylate	69		14.330				ND	
55 1,4-Dioxane	88		14.357				ND	
58 Dichlorobromomethane	83		14.699				ND	
59 cis-1,3-Dichloropropene	75		15.507				ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.759				ND	
62 Toluene	92		16.155				ND	
66 trans-1,3-Dichloropropene	75		16.551				ND	
67 1,1,2-Trichloroethane	83		16.925				ND	
68 Tetrachloroethene	166		17.150				ND	
69 2-Hexanone	43		17.332				ND	
70 Chlorodibromomethane	129		17.663				ND	
71 Ethylene Dibromide	107		17.904				ND	
* 73 Chlorobenzene-d5	117	18.819	18.824	-0.005	93	1987581	10.0	
74 Chlorobenzene	112		18.883				ND	
75 Ethylbenzene	91		19.076				ND	
76 m-Xylene & p-Xylene	106		19.343				ND	
78 o-Xylene	106		20.113				ND	
79 Styrene	104		20.146				ND	
81 Bromoform	173		20.477				ND	
82 Isopropylbenzene	105		20.804				ND	
83 1,1,2,2-Tetrachloroethane	83		21.301				ND	7
85 N-Propylbenzene	91		21.520				ND	
86 2-Chlorotoluene	91		21.660				ND	
87 4-Ethyltoluene	105		21.713				ND	
88 1,3,5-Trimethylbenzene	105		21.809				ND	
91 tert-Butylbenzene	119		22.291				ND	
92 1,2,4-Trimethylbenzene	105		22.376				ND	
93 sec-Butylbenzene	105		22.617				ND	
94 1,3-Dichlorobenzene	146		22.783				ND	
95 4-Isopropyltoluene	119		22.826				ND	
96 1,4-Dichlorobenzene	146		22.922				ND	
97 Benzyl chloride	91		23.061				ND	
98 n-Butylbenzene	91		23.382				ND	
99 1,2-Dichlorobenzene	146		23.409				ND	7
102 1,2,4-Trichlorobenzene	180		25.848				ND	
103 Hexachlorobutadiene	225		26.105				ND	
104 Naphthalene	128		26.325				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

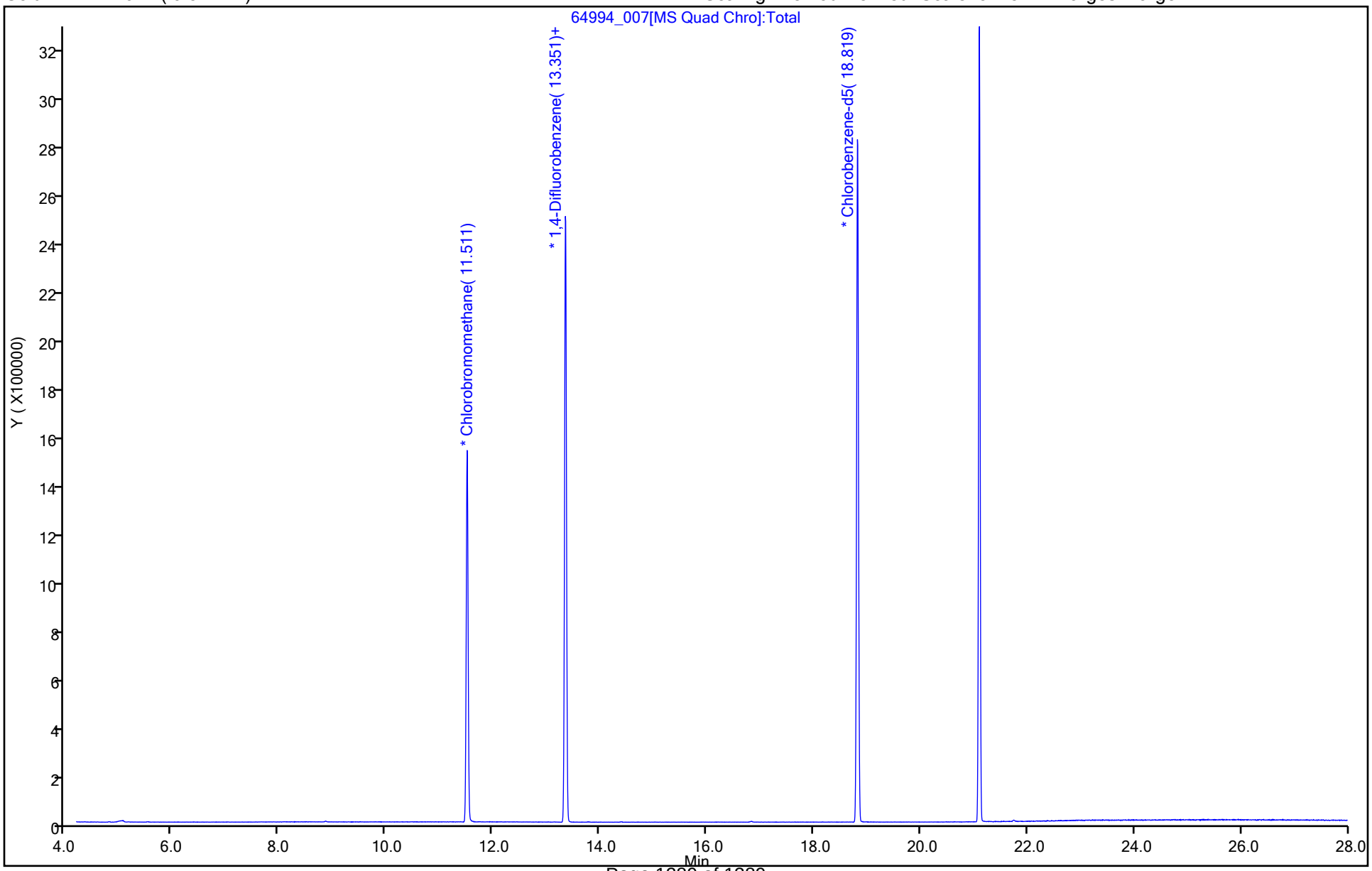
ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 06-May-2025 12:55:43 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250505-64994.b\64994_007.D				
Injection Date:	05-May-2025 12:17:41	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-77862-A-12	Lab Sample ID:	200-77862-12	Worklist Smp#:	7
Client ID:	3643				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	6
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.: 200-77863-1

SDG No.:

Client Sample ID: 5455 Lab Sample ID: 200-77863-12

Matrix: Air Lab File ID: 64975_006.D

Analysis Method: TO-15 Date Collected: 04/29/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 05/02/2025 11:56

Soil Aliquot Vol: Dilution Factor: 0.2

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.: 215773 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

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

Lab Name: Eurofins Burlington Job No.: 200-77863-1

SDG No.:

Client Sample ID: 5455 Lab Sample ID: 200-77863-12

Matrix: Air Lab File ID: 64975_006.D

Analysis Method: TO-15 Date Collected: 04/29/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 05/02/2025 11:56

Soil Aliquot Vol: Dilution Factor: 0.2

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.: 215773 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

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

Lab Name: Eurofins Burlington Job No.: 200-77863-1

SDG No.:

Client Sample ID: 5455 Lab Sample ID: 200-77863-12

Matrix: Air Lab File ID: 64975_006.D

Analysis Method: TO-15 Date Collected: 04/29/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 05/02/2025 11:56

Soil Aliquot Vol: Dilution Factor: 0.2

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.: 215773 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250502-64975.b\64975_006.D
Lims ID: 200-77863-A-12
Client ID: 5455
Sample Type: Client
Inject. Date: 02-May-2025 11:56:21 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064975-006
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250502-64975.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 05-May-2025 14:23:32 Calib Date: 16-Apr-2025 10:13:55
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250415-64733.b\64733_021.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: YWL8 Date: 05-May-2025 14:24:58

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.347				ND	7
	2 Dichlorodifluoromethane	85		4.444				ND	
	3 Chlorodifluoromethane	51		4.487				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808				ND	
	5 Chloromethane	50		4.920				ND	7
	6 Vinyl chloride	62		5.214				ND	
	7 Butane	43		5.219				ND	7
	8 Butadiene	54		5.332				ND	7
	9 Bromomethane	94		6.049				ND	
	10 Chloroethane	64		6.316				ND	
	13 Vinyl bromide	106		6.733				ND	
	14 Trichlorofluoromethane	101		6.899				ND	
	16 Ethanol	45		7.242				ND	
	20 1,1-Dichloroethene	96		7.953				ND	7
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		7.996				ND	
	22 Acetone	43		8.007				ND	7
	23 Isopropyl alcohol	45		8.290				ND	7
	24 Carbon disulfide	76		8.354				ND	
	26 3-Chloro-1-propene	41		8.633				ND	
	27 Methylene Chloride	49		8.863				ND	7
	28 2-Methyl-2-propanol	59		9.055				ND	
	30 trans-1,2-Dichloroethene	61		9.366				ND	
	31 Methyl tert-butyl ether	73		9.371				ND	
	32 Hexane	57		9.890				ND	
	33 1,1-Dichloroethane	63		10.120				ND	
	34 Vinyl acetate	43		10.125				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	36 2-Butanone (MEK)	72		11.072				ND	
	37 cis-1,2-Dichloroethene	96		11.110				ND	7
	38 Ethyl acetate	88		11.163				ND	
*	39 Chlorobromomethane	128	11.511	11.511	0.000	95	427146	10.0	
	40 Tetrahydrofuran	42		11.559				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.693				ND	
	42 1,1,1-Trichloroethane	97		12.014				ND	
	43 Cyclohexane	84		12.163				ND	
	44 Carbon tetrachloride	117		12.292				ND	
	45 Benzene	78		12.629				ND	7
	46 1,2-Dichloroethane	62		12.688				ND	
	47 Isooctane	57		12.864				ND	
	48 n-Heptane	43		13.169				ND	7
*	49 1,4-Difluorobenzene	114	13.357	13.356	0.001	97	2125282	10.0	
	51 Trichloroethene	95	13.801	13.795	0.006	77	2051	0.0372	
	53 1,2-Dichloropropane	63		14.239				ND	
	54 Methyl methacrylate	69		14.330				ND	
	55 1,4-Dioxane	88		14.362				ND	
	57 Dibromomethane	174		14.394				ND	7
	58 Dichlorobromomethane	83		14.699				ND	
	59 cis-1,3-Dichloropropene	75		15.507				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.759				ND	
	62 Toluene	92		16.154				ND	7
	66 trans-1,3-Dichloropropene	75		16.550				ND	
	67 1,1,2-Trichloroethane	83		16.925				ND	
	68 Tetrachloroethene	166		17.155				ND	
	69 2-Hexanone	43		17.331				ND	
	70 Chlorodibromomethane	129		17.663				ND	
	71 Ethylene Dibromide	107		17.904				ND	
*	73 Chlorobenzene-d5	117	18.824	18.824	0.000	93	1764801	10.0	
	74 Chlorobenzene	112		18.883				ND	
	75 Ethylbenzene	91		19.081				ND	7
	76 m-Xylene & p-Xylene	106		19.343				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.113				ND	
	79 Styrene	104		20.145				ND	
	81 Bromoform	173		20.477				ND	
	82 Isopropylbenzene	105		20.803				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.301				ND	7
	85 N-Propylbenzene	91		21.520				ND	
	86 2-Chlorotoluene	91		21.665				ND	
	87 4-Ethyltoluene	105		21.713				ND	
	88 1,3,5-Trimethylbenzene	105		21.809				ND	
	91 tert-Butylbenzene	119		22.291				ND	
	92 1,2,4-Trimethylbenzene	105		22.376				ND	7
	93 sec-Butylbenzene	105		22.617				ND	7
	94 1,3-Dichlorobenzene	146		22.783				ND	7
	95 4-Isopropyltoluene	119		22.831				ND	
	96 1,4-Dichlorobenzene	146		22.922				ND	7
	97 Benzyl chloride	91		23.061				ND	
	98 n-Butylbenzene	91		23.382				ND	
	99 1,2-Dichlorobenzene	146		23.409				ND	7
	102 1,2,4-Trichlorobenzene	180		25.854				ND	
	103 Hexachlorobutadiene	225		26.105				ND	
	104 Naphthalene	128		26.324				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

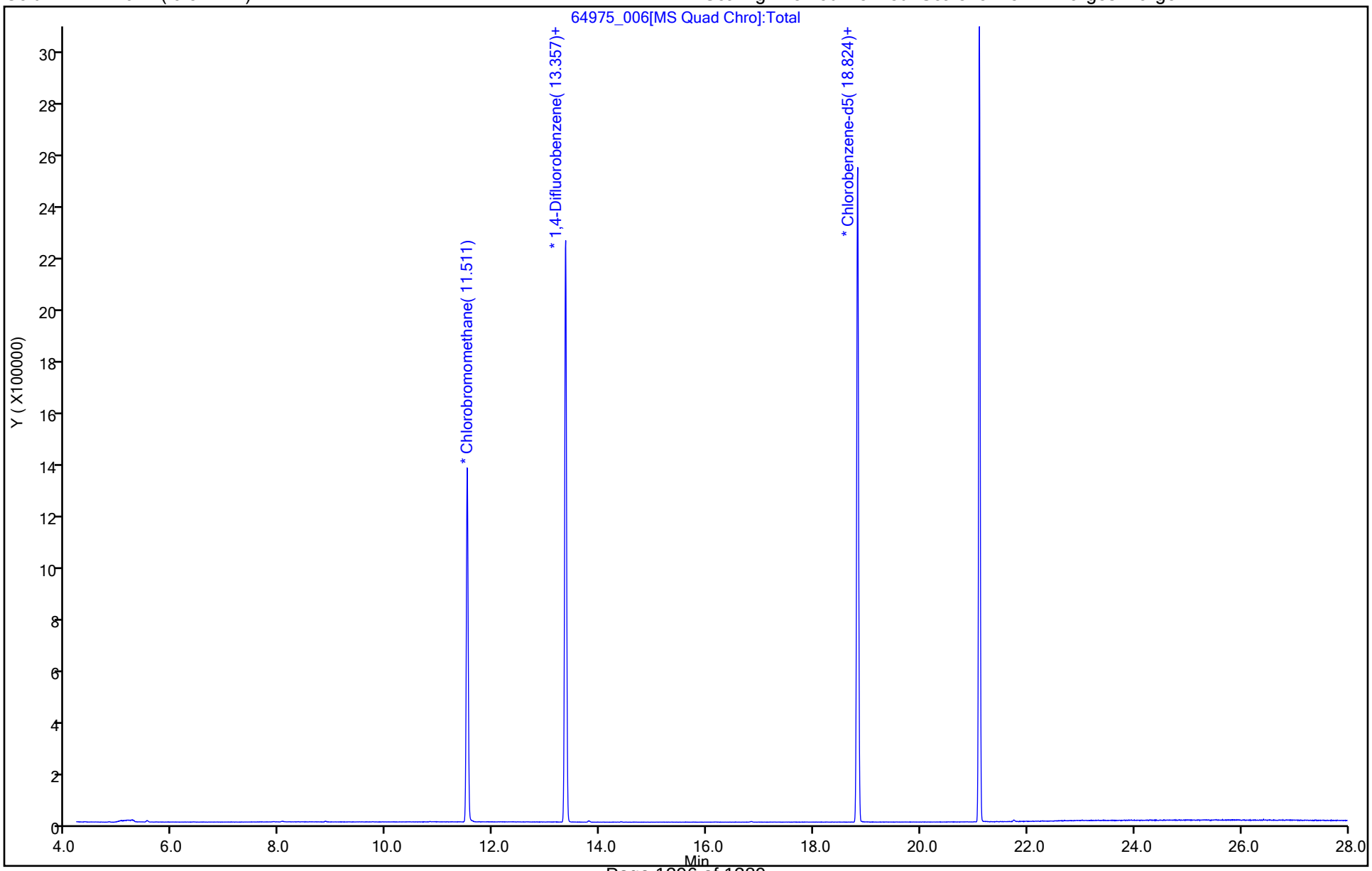
ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 05-May-2025 14:24:58 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250502-64975.b\64975_006.D				
Injection Date:	02-May-2025 11:56:21	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-77863-A-12	Lab Sample ID:	200-77863-12	Worklist Smp#:	6
Client ID:	5455				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	5
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.: 200-78004-1

SDG No.:

Client Sample ID: 3390 | Lab Sample ID: 200-78004-7

Matrix: Air | Lab File ID: 65160-08.d

Analysis Method: TO-15 | Date Collected: 05/13/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 05/16/2025 14:03

Soil Aliquot Vol: | Dilution Factor: 0.2

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.: 216245 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

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

Lab Name: Eurofins Burlington | Job No.: 200-78004-1

SDG No.:

Client Sample ID: 3390 | Lab Sample ID: 200-78004-7

Matrix: Air | Lab File ID: 65160-08.d

Analysis Method: TO-15 | Date Collected: 05/13/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 05/16/2025 14:03

Soil Aliquot Vol: | Dilution Factor: 0.2

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.: 216245 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

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

Lab Name: Eurofins Burlington | Job No.: 200-78004-1

SDG No.:

Client Sample ID: 3390 | Lab Sample ID: 200-78004-7

Matrix: Air | Lab File ID: 65160-08.d

Analysis Method: TO-15 | Date Collected: 05/13/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 05/16/2025 14:03

Soil Aliquot Vol: | Dilution Factor: 0.2

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.: 216245 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250516-65160.b\65160-08.d
Lims ID: 200-78004-A-7
Client ID: 3390
Sample Type: Client
Inject. Date: 16-May-2025 14:03:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0065160-008
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250516-65160.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 18-May-2025 22:26:55 Calib Date: 11-Apr-2025 02:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250410-64660.b\64660-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1700

First Level Reviewer: YWL8 Date: 18-May-2025 22:26:55

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.104				ND	7
	2 Dichlorodifluoromethane	85		4.195				ND	
	3 Chlorodifluoromethane	51		4.233				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.527				ND	
	5 Chloromethane	50		4.645				ND	7
	6 Vinyl chloride	62		4.939				ND	
	7 Butane	43		4.944				ND	7
	8 Butadiene	54		5.051				ND	
	9 Bromomethane	94		5.789				ND	
	10 Chloroethane	64		6.084				ND	
	13 Vinyl bromide	106		6.549				ND	
	14 Trichlorofluoromethane	101		6.731				ND	
	16 Ethanol	45		7.138				ND	
	20 1,1-Dichloroethene	96		7.961				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.010				ND	
	22 Acetone	43		8.036				ND	
	23 Isopropyl alcohol	45		8.379				ND	
	24 Carbon disulfide	76		8.454				ND	7
	26 3-Chloro-1-propene	41		8.791				ND	
	27 Methylene Chloride	49	9.085	9.085	0.022	84	1648	0.0442	7M
	28 2-Methyl-2-propanol	59		9.299				ND	
	31 Methyl tert-butyl ether	73		9.668				ND	
	30 trans-1,2-Dichloroethene	61		9.673				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	32 Hexane	57		10.278				ND	
	33 1,1-Dichloroethane	63		10.567				ND	
	34 Vinyl acetate	43		10.572				ND	
	36 2-Butanone (MEK)	72		11.663				ND	
	37 cis-1,2-Dichloroethene	96		11.706				ND	
	38 Ethyl acetate	88		11.765				ND	
*	39 Chlorobromomethane	128	12.187	12.166	0.021	80	221798	10.0	
	40 Tetrahydrofuran	42		12.220				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		12.359				ND	
	42 1,1,1-Trichloroethane	97		12.707				ND	
	43 Cyclohexane	84		12.872				ND	
	44 Carbon tetrachloride	117		13.022				ND	
	45 Benzene	78		13.391				ND	7
	46 1,2-Dichloroethane	62		13.466				ND	
	47 Isooctane	57		13.627				ND	
	48 n-Heptane	43		13.953				ND	
*	49 1,4-Difluorobenzene	114	14.194	14.178	0.016	93	1057578	10.0	
	51 Trichloroethene	95		14.649				ND	
	53 1,2-Dichloropropane	63		15.130				ND	
	54 Methyl methacrylate	69		15.205				ND	
	55 1,4-Dioxane	88		15.258				ND	
	57 Dibromomethane	174		15.301				ND	7
	58 Dichlorobromomethane	83		15.622				ND	
	59 cis-1,3-Dichloropropene	75		16.462				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		16.708				ND	
	62 Toluene	92		17.136				ND	
	66 trans-1,3-Dichloropropene	75		17.548				ND	
	67 1,1,2-Trichloroethane	83		17.939				ND	
	68 Tetrachloroethene	166		18.169				ND	
	69 2-Hexanone	43		18.334				ND	
	70 Chlorodibromomethane	129		18.714				ND	
	71 Ethylene Dibromide	107		18.971				ND	
*	73 Chlorobenzene-d5	117	19.907	19.897	0.010	84	975102	10.0	
	74 Chlorobenzene	112		19.961				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	75 Ethylbenzene	91		20.143				ND	MU
	76 m-Xylene & p-Xylene	106		20.394				ND	
	78 o-Xylene	106		21.106				ND	
	79 Styrene	104		21.138				ND	
	81 Bromoform	173		21.459				ND	
	82 Isopropylbenzene	105		21.726				ND	
	83 1,1,2,2-Tetrachloroethane	83		22.186				ND	7
	85 N-Propylbenzene	91		22.384				ND	
	86 2-Chlorotoluene	91		22.534				ND	
	87 4-Ethyltoluene	105		22.566				ND	
	88 1,3,5-Trimethylbenzene	105		22.652				ND	
	91 tert-Butylbenzene	119		23.112				ND	
	92 1,2,4-Trimethylbenzene	105		23.197				ND	
	93 sec-Butylbenzene	105		23.433				ND	
	94 1,3-Dichlorobenzene	146		23.625				ND	
	95 4-Isopropyltoluene	119		23.647				ND	
	96 1,4-Dichlorobenzene	146		23.775				ND	
	97 Benzyl chloride	91		23.920				ND	
	98 n-Butylbenzene	91		24.246				ND	
	99 1,2-Dichlorobenzene	146		24.310				ND	
	102 1,2,4-Trichlorobenzene	180		27.022				ND	
	103 Hexachlorobutadiene	225		27.290				ND	
	104 Naphthalene	128		27.579				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

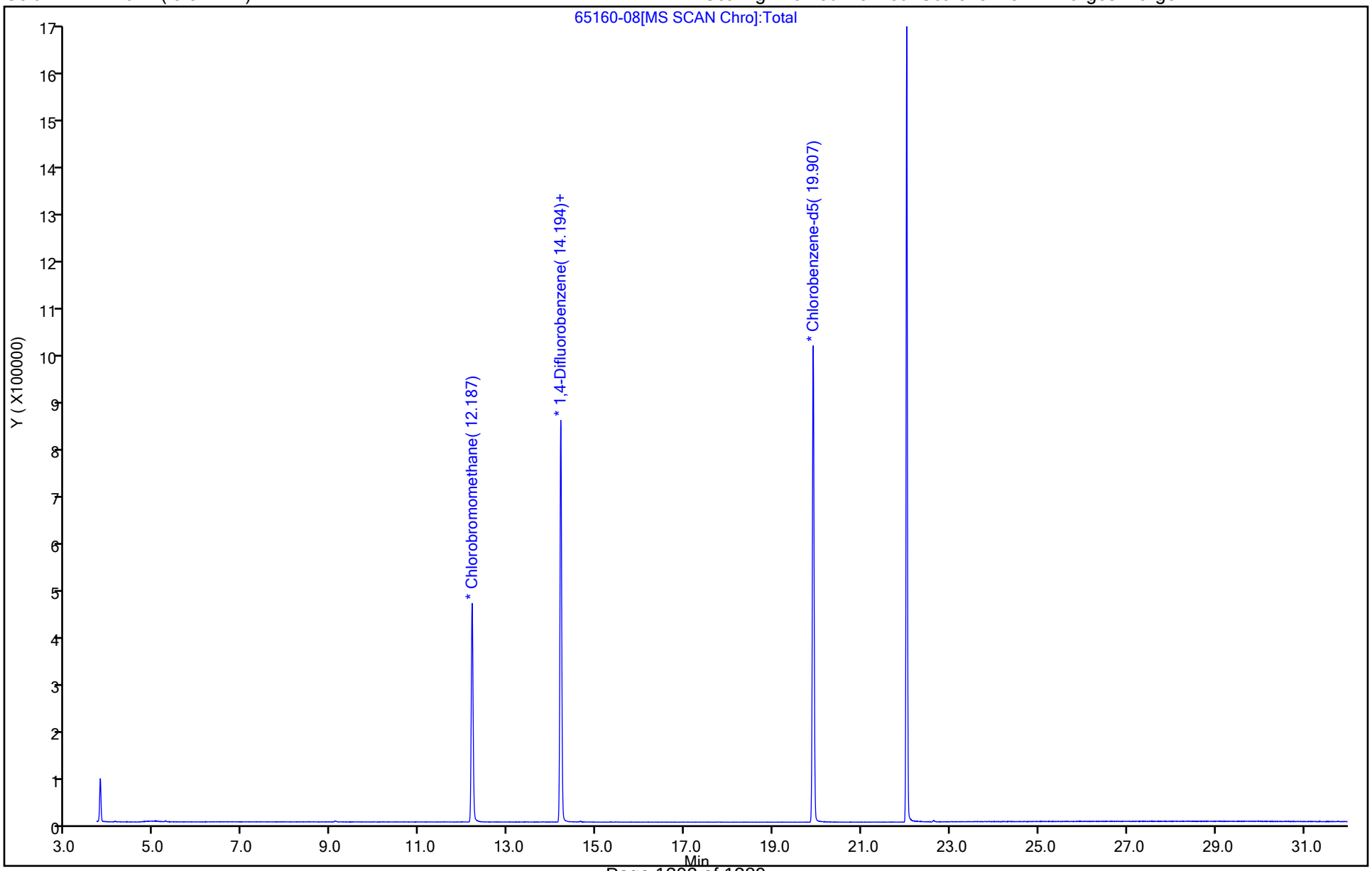
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

Report Date: 18-May-2025 22:26:55 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250516-65160.b\65160-08.d				
Injection Date:	16-May-2025 14:03:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-78004-A-7	Lab Sample ID:	200-78004-7	Worklist Smp#:	8
Client ID:	3390				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	7
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

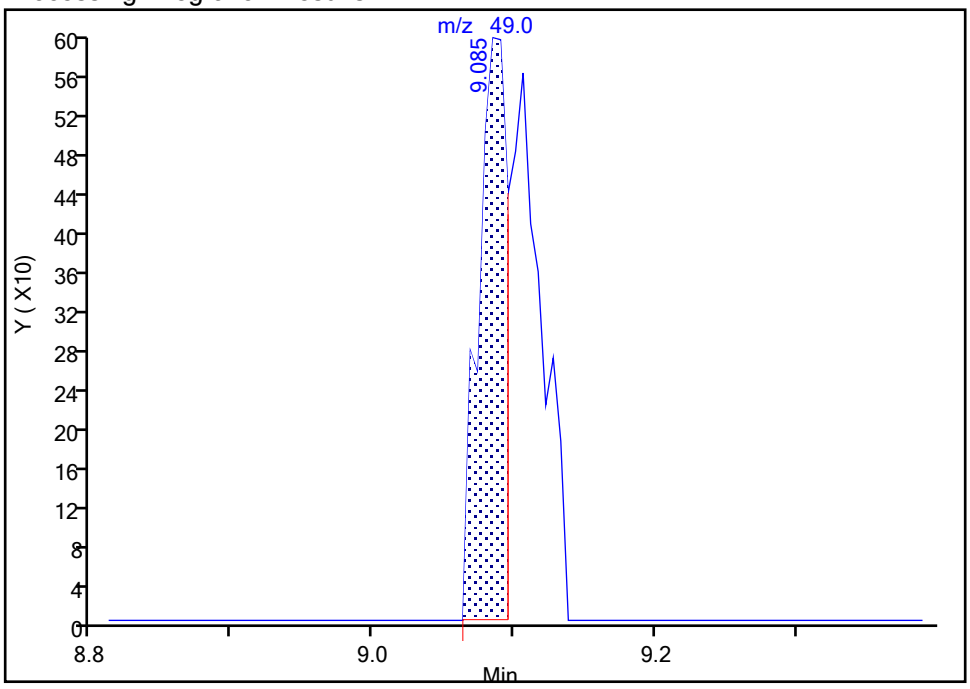
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250516-65160.b\65160-08.d				
Injection Date:	16-May-2025 14:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78004-A-7	Lab Sample ID:	200-78004-7		
Client ID:	3390				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2

Signal: 1

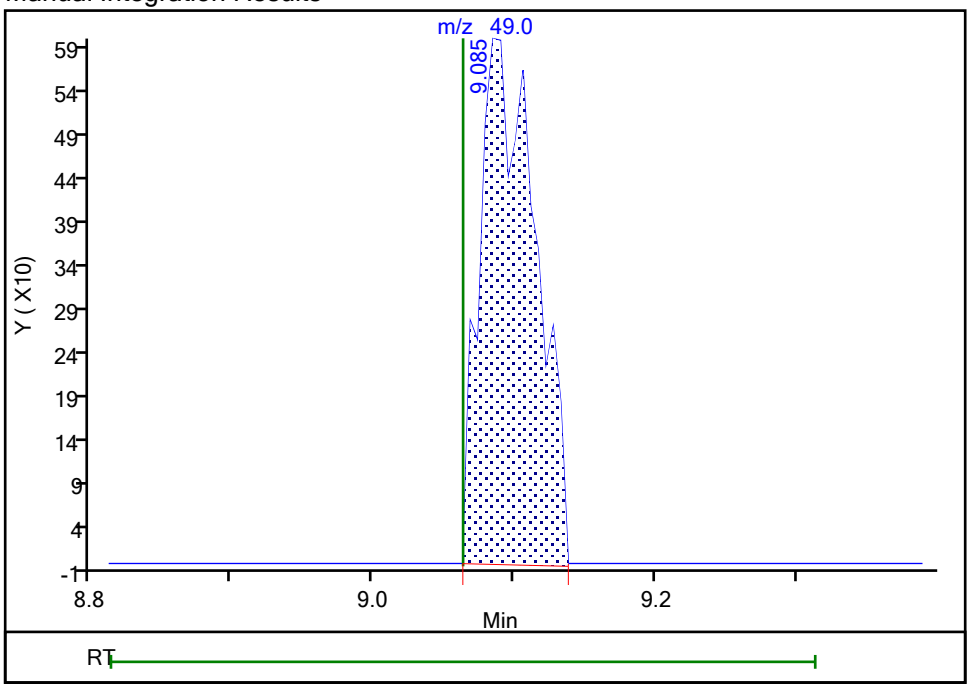
Processing Integration Results

RT: 9.08
Area: 851
Amount: 0.022836
Amount Units: ppb v/v



Manual Integration Results

RT: 9.08
Area: 1648
Amount: 0.044223
Amount Units: ppb v/v



Reviewer: YWL8, 18-May-2025 22:26:27 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

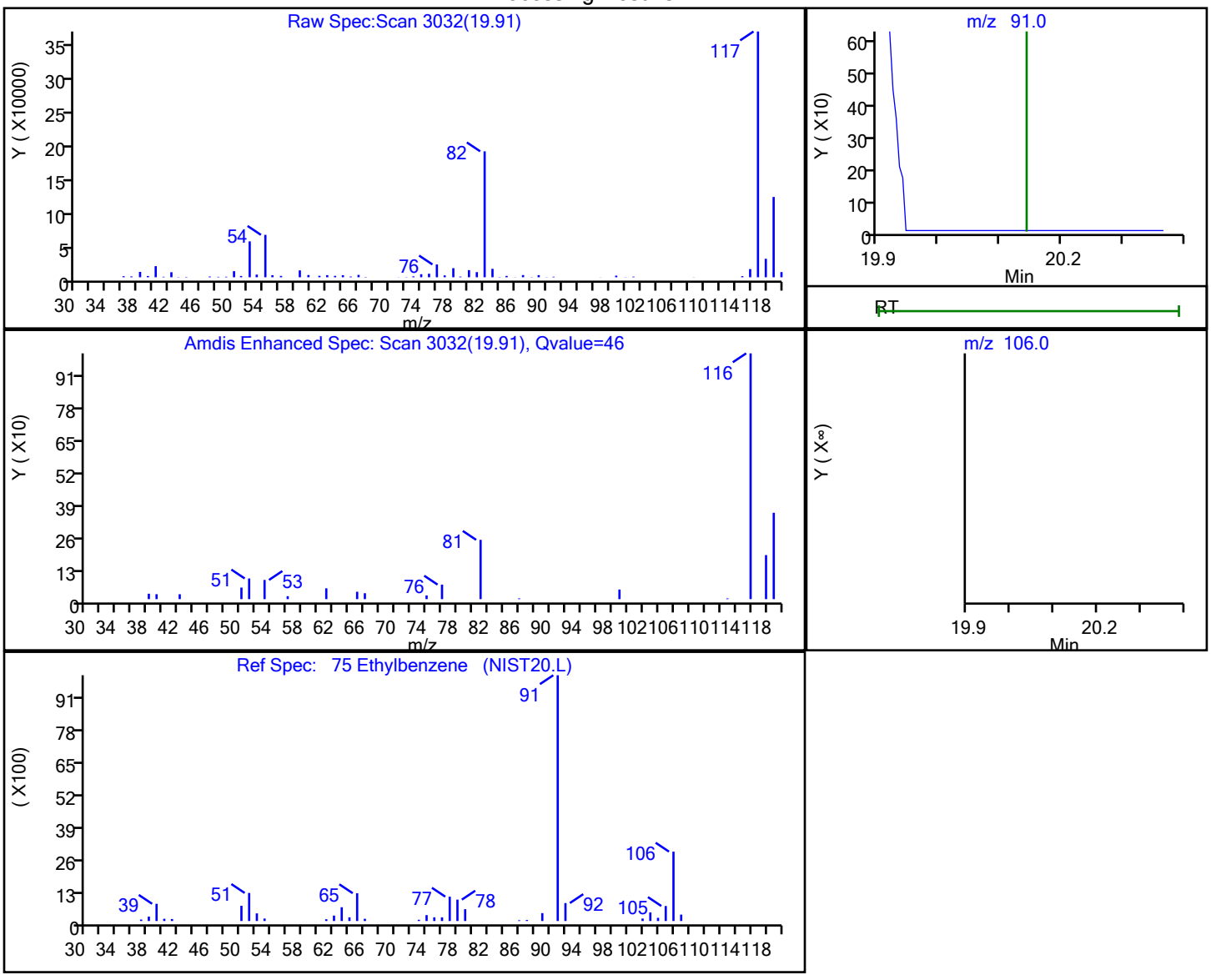
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250516-65160.b\65160-08.d				
Injection Date:	16-May-2025 14:03:30	Instrument ID:	CHW.i		
Lims ID:	200-78004-A-7	Lab Sample ID:	200-78004-7		
Client ID:	3390				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
19.91	91.00	1900	0.010509
20.14	106.00	0	

Reviewer: YWL8, 18-May-2025 22:26:47 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.: 200-78029-1

SDG No.:

Client Sample ID: 34001609 Lab Sample ID: 200-78029-8

Matrix: Air Lab File ID: 65203-24.d

Analysis Method: TO-15 Date Collected: 05/15/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 05/21/2025 04:04

Soil Aliquot Vol: Dilution Factor: 0.2

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.: 216346 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.040	U	0.040	0.010
100-42-5	Styrene	0.040	U	0.040	0.011
10061-01-5	1,3-Dichloropropene, cis-	0.040	U	0.040	0.011
10061-02-6	1,3-Dichloropropene, trans-	0.040	U	0.040	0.012
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.014
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.0090
106-99-0	1,3-Butadiene	0.040	U	0.040	0.0080
107-05-1	Allyl chloride	0.10	U	0.10	0.016
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.015
108-10-1	Methyl isobutyl ketone (MIBK)	0.10	U	0.10	0.038
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.014
108-88-3	Toluene	0.040	U	0.040	0.011
108-90-7	Chlorobenzene	0.040	U	0.040	0.0094
109-99-9	Tetrahydrofuran	1.0	U	1.0	0.34
110-54-3	Hexane	0.10	U	0.10	0.032
110-82-7	Cyclohexane	0.040	U	0.040	0.010
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.060
123-91-1	1,4-Dioxane	0.040	U	0.040	0.038
124-48-1	Dibromochloromethane	0.040	U	0.040	0.011
127-18-4	Tetrachloroethene	0.040	U	0.040	0.0072
142-82-5	n-Heptane	0.040	U	0.040	0.017
156-59-2	1,2-Dichloroethene, cis-	0.028	U	0.028	0.0064
156-60-5	1,2-Dichloroethene, trans-	0.040	U	0.040	0.0040
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.013
179601-23-1	m,p-Xylene	0.10	U	0.10	0.0028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.014
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.013
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.0048
593-60-2	Vinyl bromide	0.040	U	0.040	0.0096
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.014
64-17-5	Ethanol	1.0	U	1.0	0.50
67-63-0	Isopropanol	1.0	U	1.0	0.44

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

Lab Name: Eurofins Burlington | Job No.: 200-78029-1

SDG No.:

Client Sample ID: 34001609 | Lab Sample ID: 200-78029-8

Matrix: Air | Lab File ID: 65203-24.d

Analysis Method: TO-15 | Date Collected: 05/15/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 05/21/2025 04:04

Soil Aliquot Vol: | Dilution Factor: 0.2

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.: 216346 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	1.0	U	1.0	0.38
67-66-3	Chloroform	0.040	U	0.040	0.012
71-43-2	Benzene	0.040	U	0.040	0.010
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.015
74-83-9	Bromomethane	0.040	U	0.040	0.012
74-87-3	Chloromethane	0.10	U	0.10	0.066
75-00-3	Chloroethane	0.10	U	0.10	0.032
75-01-4	Vinyl chloride	0.028	U	0.028	0.0058
75-09-2	Methylene Chloride	0.10	U	0.10	0.038
75-15-0	Carbon disulfide	0.10	U	0.10	0.036
75-25-2	Bromoform	0.040	U	0.040	0.012
75-27-4	Bromodichloromethane	0.040	U	0.040	0.012
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.0036
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.0070
75-65-0	tert-Butyl alcohol	1.0	U	1.0	0.32
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.015
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.044
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.011
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.015
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.011
78-93-3	Methyl ethyl ketone (MEK)	0.10	U	0.10	0.028
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.011
79-01-6	Trichloroethene	0.028	U	0.028	0.0058
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.012
80-62-6	Methyl methacrylate	0.10	U	0.10	0.026
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.016
91-20-3	Naphthalene	0.10	U *+	0.10	0.022
95-47-6	Xylene, o-	0.040	U	0.040	0.014
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.012
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.013
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.016
591-78-6	2-Hexanone	0.10	U	0.10	0.040

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

Lab Name: Eurofins Burlington Job No.: 200-78029-1

SDG No.:

Client Sample ID: 34001609 Lab Sample ID: 200-78029-8

Matrix: Air Lab File ID: 65203-24.d

Analysis Method: TO-15 Date Collected: 05/15/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 05/21/2025 04:04

Soil Aliquot Vol: Dilution Factor: 0.2

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.: 216346 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
115-07-1	Propene	1.0	U	1.0	0.92
75-45-6	Chlorodifluoromethane	0.10	U	0.10	0.072
106-97-8	Butane	0.10	U	0.10	0.062
108-05-4	Vinyl acetate	1.0	U	1.0	0.42
141-78-6	Ethyl acetate	1.0	U	1.0	0.26
98-82-8	Isopropylbenzene	0.040	U	0.040	0.014
103-65-1	N-Propylbenzene	0.040	U	0.040	0.012
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.014
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.014
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.016
100-44-7	Benzyl chloride	0.040	U	0.040	0.015
104-51-8	n-Butylbenzene	0.040	U	0.040	0.014

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250520-65203.b\65203-24.d
Lims ID: 200-78029-A-8
Client ID: 34001609
Sample Type: Client
Inject. Date: 21-May-2025 04:04:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0065203-024
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250520-65203.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 21-May-2025 02:47:10 Calib Date: 11-Apr-2025 02:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250410-64660.b\64660-15.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: F7XK Date: 21-May-2025 15:55:06

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1	Propene	41		4.110				ND	7
2	Dichlorodifluoromethane	85		4.201				ND	7
3	Chlorodifluoromethane	51		4.238				ND	7
4	1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.538				ND	
5	Chloromethane	50		4.655				ND	7
6	Vinyl chloride	62		4.949				ND	
7	Butane	43		4.955				ND	
8	Butadiene	54		5.062				ND	
9	Bromomethane	94		5.805				ND	
10	Chloroethane	64		6.100				ND	
13	Vinyl bromide	106		6.570				ND	
14	Trichlorofluoromethane	101		6.758				ND	
16	Ethanol	45		7.164				ND	
20	1,1-Dichloroethene	96		7.983				ND	
21	1,1,2-Trichloro-1,2,2-trifluoroe	101		8.036				ND	
22	Acetone	43		8.058				ND	
23	Isopropyl alcohol	45		8.405				ND	
24	Carbon disulfide	76		8.475				ND	7
26	3-Chloro-1-propene	41		8.812				ND	
27	Methylene Chloride	49		9.090				ND	7
28	2-Methyl-2-propanol	59		9.315				ND	
31	Methyl tert-butyl ether	73		9.689				ND	
30	trans-1,2-Dichloroethene	61		9.695				ND	
32	Hexane	57		10.299				ND	
33	1,1-Dichloroethane	63		10.588				ND	
34	Vinyl acetate	43		10.593				ND	
36	2-Butanone (MEK)	72		11.679				ND	
37	cis-1,2-Dichloroethene	96		11.722				ND	
38	Ethyl acetate	88		11.776				ND	
* 39	Chlorobromomethane	128	12.193	12.182	0.011	79	205021	10.0	
40	Tetrahydrofuran	42		12.236				ND	
41	Chloroform	83		12.380				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
42 1,1,1-Trichloroethane	97		12.723				ND	
43 Cyclohexane	84		12.888				ND	
44 Carbon tetrachloride	117		13.038				ND	
45 Benzene	78		13.407				ND	
46 1,2-Dichloroethane	62		13.482				ND	
47 Isooctane	57		13.643				ND	
48 n-Heptane	43		13.969				ND	
* 49 1,4-Difluorobenzene	114	14.194	14.194	0.000	94	954891	10.0	
51 Trichloroethene	95		14.659				ND	
53 1,2-Dichloropropane	63		15.141				ND	
54 Methyl methacrylate	69		15.210				ND	
55 1,4-Dioxane	88		15.269				ND	
58 Dichlorobromomethane	83		15.627				ND	
59 cis-1,3-Dichloropropene	75		16.467				ND	
61 4-Methyl-2-pentanone (MIBK)	43		16.713				ND	
62 Toluene	92		17.141				ND	
66 trans-1,3-Dichloropropene	75		17.553				ND	
67 1,1,2-Trichloroethane	83		17.944				ND	
68 Tetrachloroethene	166		18.174				ND	
69 2-Hexanone	43		18.340				ND	
70 Chlorodibromomethane	129		18.720				ND	
71 Ethylene Dibromide	107		18.971				ND	
* 73 Chlorobenzene-d5	117	19.907	19.902	0.005	84	874824	10.0	
74 Chlorobenzene	112		19.961				ND	
75 Ethylbenzene	91		20.148				ND	
76 m-Xylene & p-Xylene	106		20.399				ND	
78 o-Xylene	106		21.111				ND	
79 Styrene	104		21.138				ND	
81 Bromoform	173		21.459				ND	
82 Isopropylbenzene	105		21.726				ND	
83 1,1,2,2-Tetrachloroethane	83		22.186				ND	7
85 N-Propylbenzene	91		22.384				ND	
86 2-Chlorotoluene	91		22.534				ND	
87 4-Ethyltoluene	105		22.566				ND	
88 1,3,5-Trimethylbenzene	105		22.652				ND	
91 tert-Butylbenzene	119		23.112				ND	
92 1,2,4-Trimethylbenzene	105		23.197				ND	
93 sec-Butylbenzene	105		23.433				ND	
94 1,3-Dichlorobenzene	146		23.625				ND	
95 4-Isopropyltoluene	119		23.647				ND	
96 1,4-Dichlorobenzene	146		23.775				ND	
97 Benzyl chloride	91		23.920				ND	
98 n-Butylbenzene	91		24.246				ND	
99 1,2-Dichlorobenzene	146		24.310				ND	
102 1,2,4-Trichlorobenzene	180		27.022				ND	
103 Hexachlorobutadiene	225		27.295				ND	
104 Naphthalene	128		27.573				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

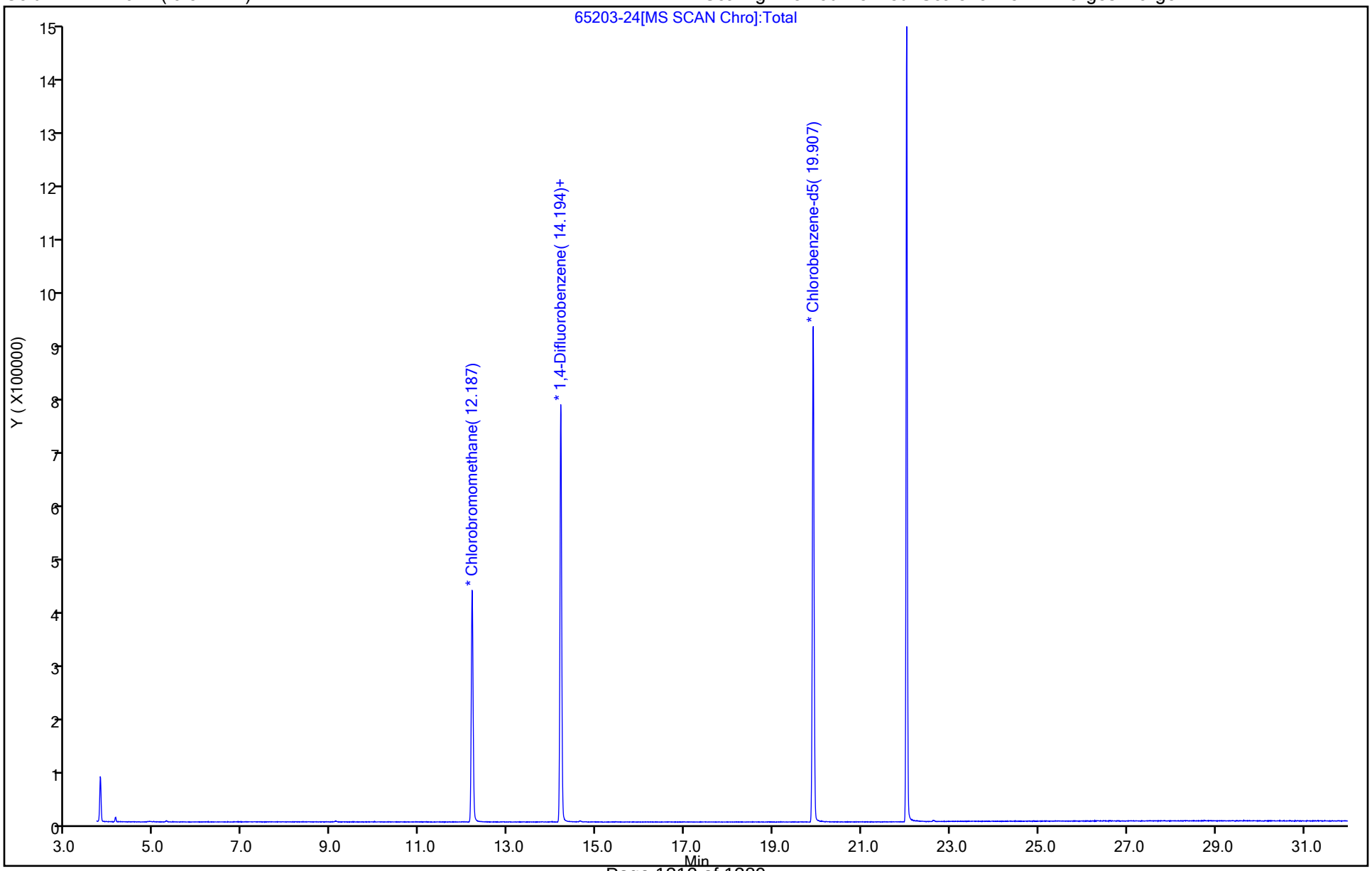
ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 21-May-2025 15:55:07 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250520-65203.b\65203-24.d				
Injection Date:	21-May-2025 04:04:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-78029-A-8	Lab Sample ID:	200-78029-8	Worklist Smp#:	24
Client ID:	34001609				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	23
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



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

Lab Name: Eurofins Burlington Job No.: 200-77862-1 Analy Batch No.: 215201

SDG No.:

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

Calibration Start Date: 04/15/2025 19:37 Calibration End Date: 04/16/2025 10:13 Calibration ID: 54955

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-215201/4	64733_004.D
Level 2	IC 200-215201/6	64733_006.D
Level 3	IC 200-215201/7	64733_007.D
Level 4	IC 200-215201/21	64733_021.D
Level 5	ICIS 200-215201/9	64733_009.D
Level 6	IC 200-215201/10	64733_010.D
Level 7	IC 200-215201/13	64733_013.D
Level 8	IC 200-215201/14	64733_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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propene	+++++ 0.8766	+++++ 0.8975	+++++ 0.8145	1.0247	0.9227	Ave		0.9072				8.5		30.0			
Dichlorodifluoromethane	+++++ 2.8304	+++++ 2.8044	3.0153 2.4510	3.2004	3.1189	Ave		2.9034				9.3		30.0			
Chlorodifluoromethane	+++++ 1.7086	+++++ 1.7175	1.8015 1.5186	1.9685	1.8369	Ave		1.7586				8.6		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 2.8436	2.4534 2.8702	3.0085 2.5126	3.3192	3.0878	Ave		2.8708				10.7		30.0			
Chloromethane	+++++ 0.9466	+++++ 0.9717	0.9893 0.8627	1.1283	1.0120	Ave		0.9851				8.8		30.0			
Vinyl chloride	1.0927 0.9986	0.8874 1.0024	1.0255 0.9060	1.1739	1.0609	Ave		1.0184				9.2		30.0			
Butane	+++++ 1.3939	+++++ 1.4074	1.4490 1.2740	1.6443	1.4593	Ave		1.4380				8.4		30.0			
1,3-Butadiene	0.7411 0.7395	0.5634 0.7474	0.7675 0.6792	0.8622	0.7809	Ave		0.7352				11.7		30.0			
Bromomethane	+++++ 0.9749	0.8382 0.9812	1.0287 0.8989	1.1444	1.0280	Ave		0.9849				10.0		30.0			
Chloroethane	+++++ 0.5588	+++++ 0.5579	0.5656 0.5181	0.6461	0.5778	Ave		0.5707				7.4		30.0			
Vinyl bromide	+++++ 0.9102	0.7815 0.9151	0.9423 0.8375	1.0562	0.9676	Ave		0.9158				9.7		30.0			
Trichlorofluoromethane	+++++ 2.4129	2.1274 2.3950	2.6692 2.1225	2.7318	2.6715	Ave		2.4472				10.4		30.0			
Ethanol	+++++ 0.4855	+++++ 0.4793	0.6227 0.4358	0.4823	0.4332	Ave		0.4898				14.1		30.0			

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

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

Lab Name: Eurofins Burlington Job No.: 200-77862-1 Analy Batch No.: 215201

SDG No.:

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

Calibration Start Date: 04/15/2025 19:37 Calibration End Date: 04/16/2025 10:13 Calibration ID: 54955

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								
1,1-Dichloroethene	1.4792 0.9542	0.9544 0.9513	0.9973 0.8646	1.0838	1.0176	Ave		1.0378				18.2		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 1.9348	1.6722 1.9227	2.0427 1.7314	2.2350	2.0787	Ave		1.9453				10.1		30.0			
Acetone	+++++ 1.5073	+++++ 1.5061	+++++ 1.3642	1.7131	1.6312	Ave		1.5444				8.6		30.0			
Isopropanol	+++++ 1.5208	+++++ 1.5515	+++++ 1.3803	1.7691	1.6432	Ave		1.5730				9.2		30.0			
Carbon disulfide	+++++ 2.7856	+++++ 2.7945	2.8757 2.5258	3.2193	2.9533	Ave		2.8590				8.0		30.0			
Allyl chloride	+++++ 1.1536	0.9438 1.1619	1.1789 1.0805	1.1485	1.0334	Ave		1.1001				7.8		30.0			
Methylene Chloride	+++++ 1.0596	+++++ 1.0622	1.2164 0.9743	1.2313	1.1260	Ave		1.1116				9.0		30.0			
tert-Butyl alcohol	+++++ 2.0966	+++++ 2.0806	+++++ 1.8859	2.3572	2.2791	Ave		2.1399				8.6		30.0			
1,2-Dichloroethene, trans-	1.3920 1.3800	1.1907 1.3829	1.4237 1.2626	1.5848	1.4737	Ave		1.3863				8.7		30.0			
Methyl tert-butyl ether	+++++ 2.7427	2.4305 2.7206	2.7789 2.4589	3.1094	2.9390	Ave		2.7400				8.8		30.0			
Hexane	+++++ 1.4178	1.2412 1.4250	1.3944 1.3139	1.6390	1.4947	Ave		1.4180				9.0		30.0			
1,1-Dichloroethane	1.5857 1.7134	1.4550 1.7134	1.7818 1.5579	1.9803	1.8329	Ave		1.7025				9.8		30.0			
Vinyl acetate	+++++ 2.1884	+++++ 2.2103	+++++ 2.0394	2.3293	2.2653	Ave		2.2065				4.9		30.0			
Methyl ethyl ketone (MEK)	+++++ 0.4868	+++++ 0.4827	1.0521 0.4498	0.5391	0.5054	Ave		0.5860				39.3	*	30.0			
1,2-Dichloroethene, cis-	0.8021 0.9946	0.9125 0.9945	1.0767 0.9088	1.1420	1.0583	Ave		0.9862				11.1		30.0			
Ethyl acetate	+++++ 0.0843	+++++ 0.0833	+++++ 0.0769	0.0973	0.0905	Ave		0.0865				9.0		30.0			
Tetrahydrofuran	+++++ 0.2014	+++++ 0.2042	+++++ 0.1897	0.2321	0.2139	Ave		0.2083				7.6		30.0			
Chloroform	+++++ 2.0369	1.7588 2.0251	2.1103 1.8230	2.2830	2.2047	Ave		2.0346				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.: 200-77862-1 Analy Batch No.: 215201

SDG No.:

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

Calibration Start Date: 04/15/2025 19:37 Calibration End Date: 04/16/2025 10:13 Calibration ID: 54955

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								
1,1,1-Trichloroethane	+++++ 0.4109	0.3582 0.4134	0.4329 0.3668	0.4584	0.4560	Ave		0.4138				9.6		30.0			
Cyclohexane	+++++ 0.2488	0.2147 0.2516	0.2475 0.2291	0.2889	0.2656	Ave		0.2495				9.6		30.0			
Carbon tetrachloride	0.3788 0.3992	0.3416 0.3992	0.4262 0.3515	0.4399	0.4438	Ave		0.3975				9.7		30.0			
Benzene	+++++ 0.5907	0.5207 0.5945	0.6135 0.5374	0.6834	0.6286	Ave		0.5956				9.2		30.0			
1,2-Dichloroethane	+++++ 0.2943	0.2443 0.2972	0.3075 0.2651	0.3237	0.3266	Ave		0.2941				10.2		30.0			
2,2,4-Trimethylpentane	+++++ 0.9089	0.7821 0.9143	0.9195 0.8240	1.0655	0.9634	Ave		0.9111				10.1		30.0			
n-Heptane	+++++ 0.3363	0.3307 0.3416	0.3534 0.3123	0.3921	0.3532	Ave		0.3457				7.2		30.0			
Trichloroethene	0.2391 0.2618	0.2147 0.2630	0.2726 0.2387	0.3006	0.2826	Ave		0.2591				10.6		30.0			
1,2-Dichloropropane	+++++ 0.2174	0.1850 0.2205	0.2190 0.2017	0.2516	0.2303	Ave		0.2179				9.6		30.0			
Methyl methacrylate	+++++ 0.2154	+++++ 0.2185	0.1890 0.2045	0.2411	0.2276	Ave		0.2160				8.4		30.0			
1,4-Dioxane	+++++ 0.1228	0.0819 0.1208	0.1200 0.1099	0.1465	0.1378	Ave		0.1199				17.3		30.0			
Bromodichloromethane	+++++ 0.4544	0.3607 0.4572	0.4582 0.4074	0.5030	0.4917	Ave		0.4475				11.0		30.0			
1,3-Dichloropropene, cis-	+++++ 0.3948	0.2947 0.3981	0.3726 0.3625	0.4409	0.4174	Ave		0.3830				12.3		30.0			
Methyl isobutyl ketone (MIBK)	+++++ 0.4482	+++++ 0.4555	0.4163 0.4168	0.5020	0.4732	Ave		0.4520				7.3		30.0			
Toluene	+++++ 0.4707	0.4116 0.4705	0.4791 0.4304	0.5441	0.5089	Ave		0.4736				9.4		30.0			
1,3-Dichloropropene, trans-	+++++ 0.3224	0.2320 0.3277	0.2913 0.2966	0.3491	0.3446	Ave		0.3091				13.1		30.0			
1,1,2-Trichloroethane	+++++ 0.2407	0.1998 0.2411	0.2390 0.2218	0.2755	0.2609	Ave		0.2398				10.3		30.0			
Tetrachloroethene	0.1725 0.3122	0.2754 0.3107	0.3324 0.2799	0.3492	0.3440	Ave		0.2970				19.2		30.0			

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

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

Lab Name: Eurofins Burlington Job No.: 200-77862-1 Analy Batch No.: 215201

SDG No.:

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

Calibration Start Date: 04/15/2025 19:37 Calibration End Date: 04/16/2025 10:13 Calibration ID: 54955

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								
2-Hexanone	+++++ 0.4787	0.4427 0.4798	0.4592 0.4467	0.5243	0.5153	Ave		0.4781				6.7		30.0			
Dibromochloromethane	+++++ 0.4680	0.3706 0.4719	0.4556 0.4167	0.5066	0.5074	Ave		0.4567				10.7		30.0			
1,2-Dibromoethane	+++++ 0.4251	0.3433 0.4259	0.4197 0.3907	0.4740	0.4615	Ave		0.4200				10.4		30.0			
Chlorobenzene	+++++ 0.6012	0.5225 0.5988	0.6250 0.5402	0.6753	0.6573	Ave		0.6029				9.4		30.0			
Ethylbenzene	+++++ 1.0573	0.9065 1.0468	1.0664 0.9296	1.1965	1.1558	Ave		1.0513				10.1		30.0			
m,p-Xylene	+++++ 0.3849	0.3083 0.3809	0.3947 0.3444	0.4345	0.4197	Ave		0.3811				11.3		30.0			
Xylene, o-	+++++ 0.3755	0.3073 0.3728	0.3753 0.3406	0.4209	0.4104	Ave		0.3718				10.4		30.0			
Styrene	+++++ 0.6312	0.3915 0.6290	0.5773 0.5677	0.6903	0.6881	Ave		0.5964				17.1		30.0			
Bromoform	+++++ 0.3932	0.2974 0.4110	0.3850 0.3363	0.4056	0.4202	Ave		0.3784				11.9		30.0			
Isopropylbenzene	+++++ 1.1434	0.9613 1.1314	1.1747 0.9845	1.2936	1.2630	Ave		1.1360				11.1		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6327	0.5138 0.6322	0.6188 0.5742	0.7067	0.6854	Ave		0.6234				10.4		30.0			
N-Propylbenzene	+++++ 1.4235	1.1704 1.3888	1.4649 1.1772	1.6149	1.5707	Ave		1.4015				12.4		30.0			
2-Chlorotoluene	+++++ 0.8927	0.7532 0.8791	0.8889 0.7759	0.9880	0.9817	Ave		0.8799				10.3		30.0			
4-Ethyltoluene	+++++ 1.1149	0.8958 1.0926	1.1460 0.9427	1.2527	1.2306	Ave		1.0965				12.3		30.0			
1,3,5-Trimethylbenzene	+++++ 0.9536	0.6957 0.9360	0.9566 0.8203	1.0649	1.0546	Ave		0.9260				14.1		30.0			
tert-Butylbenzene	+++++ 0.8825	0.7754 0.8672	0.9218 0.7592	0.9981	0.9901	Ave		0.8849				10.7		30.0			
1,2,4-Trimethylbenzene	+++++ 0.9654	0.7568 0.9443	0.9534 0.8265	1.0712	1.0702	Ave		0.9411				12.4		30.0			
sec-Butylbenzene	+++++ 1.3992	1.1818 1.3700	1.4609 1.1493	1.5900	1.5702	Ave		1.3888				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.: 200-77862-1 Analy Batch No.: 215201

SDG No.:

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

Calibration Start Date: 04/15/2025 19:37 Calibration End Date: 04/16/2025 10:13 Calibration ID: 54955

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								
1,3-Dichlorobenzene	+++++ 0.5759	0.4599 0.5680	0.5791 0.5056	0.6395	0.6487	Ave		0.5681				11.9		30.0			
4-Isopropyltoluene	+++++ 1.1449	0.9264 1.1258	1.1493 0.9499	1.2754	1.2807	Ave		1.1218				12.5		30.0			
1,4-Dichlorobenzene	+++++ 0.5684	0.4724 0.5631	0.5741 0.5011	0.6349	0.6431	Ave		0.5653				11.1		30.0			
Benzyl chloride	+++++ 0.9334	0.6990 0.9326	0.8653 0.8249	1.0218	1.0176	Ave		0.8992				12.7		30.0			
n-Butylbenzene	+++++ 1.2198	0.9068 1.1942	1.1806 1.0143	1.3252	1.3416	Ave		1.1689				13.5		30.0			
1,2-Dichlorobenzene	+++++ 0.5498	0.4735 0.5475	0.5599 0.4834	0.6036	0.6151	Ave		0.5475				9.9		30.0			
1,2,4-Trichlorobenzene	+++++ 0.3642	+++++ 0.3663	0.3113 0.3327	0.3549	0.3871	Ave		0.3528				7.6		30.0			
Hexachlorobutadiene	+++++ 0.3002	0.2509 0.2940	0.3018 0.2567	0.3121	0.3359	Ave		0.2931				10.3		30.0			
Naphthalene	+++++ 0.9770	0.5775 0.9957	0.8039 0.8822	0.9939	1.0482	Ave		0.8969				18.2		30.0			

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

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

Lab Name: Eurofins Burlington | Job No.: 200-77862-1 | Analy Batch No.: 215201

SDG No.:

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

Calibration Start Date: 04/15/2025 19:37 | Calibration End Date: 04/16/2025 10:13 | Calibration ID: 54955

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-215201/4	64733_004.D
Level 2	IC 200-215201/6	64733_006.D
Level 3	IC 200-215201/7	64733_007.D
Level 4	IC 200-215201/21	64733_021.D
Level 5	ICIS 200-215201/9	64733_009.D
Level 6	IC 200-215201/10	64733_010.D
Level 7	IC 200-215201/13	64733_013.D
Level 8	IC 200-215201/14	64733_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
Propene	BCM	Ave	+++++ 895921	+++++ 1267897	+++++ 2496344	283357	592873	+++++ 15.0	+++++ 20.0	+++++ 40.0	3.50	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 2892769	+++++ 3961959	82650 7512474	884997	2004079	+++++ 15.0	+++++ 20.0	0.425 40.0	3.50	10.00
Chlorodifluoromethane	BCM	Ave	+++++ 1746290	+++++ 2426323	49380 4654579	544358	1180323	+++++ 15.0	+++++ 20.0	0.425 40.0	3.50	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 2906265	28625 4054898	82465 7701358	917857	1984112	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Chloromethane	BCM	Ave	+++++ 967507	+++++ 1372774	27118 2644382	312009	650300	+++++ 15.0	+++++ 20.0	0.425 40.0	3.50	10.00
Vinyl chloride	BCM	Ave	2884 1020619	10354 1416167	28110 2776953	324615	681684	0.0351 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Butane	BCM	Ave	+++++ 1424599	+++++ 1988256	39718 3904931	454693	937663	+++++ 15.0	+++++ 20.0	0.425 40.0	3.50	10.00
1,3-Butadiene	BCM	Ave	1956 755779	6573 1055829	21038 2081809	238431	501807	0.0351 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Bromomethane	BCM	Ave	+++++ 996348	9780 1386247	28198 2755271	316464	660561	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Chloroethane	BCM	Ave	+++++ 571168	+++++ 788204	15503 1588154	178662	371296	+++++ 15.0	+++++ 20.0	0.425 40.0	3.50	10.00
Vinyl bromide	BCM	Ave	+++++ 930313	9118 1292758	25828 2567071	292063	621743	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 2466102	24821 3383554	73163 6505657	755414	1716615	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Ethanol	BCM	Ave	+++++ 663072	+++++ 1354395	170894 3339385	200145	417668	+++++ 20.0	+++++ 40.0	4.26 100.0	5.25	15.0
1,1-Dichloroethene	BCM	Ave	3904 975211	11135 1343931	27336 2650102	299708	653868	0.0351 15.0	0.170 20.0	0.425 40.0	3.50	10.00
1,1,2-Trichloro-1,2,2-trifluoroethane	BCM	Ave	+++++	19510	55992	618034	1335709	+++++	0.170	0.425	3.50	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-77862-1 Analy Batch No.: 215201

SDG No.:

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

Calibration Start Date: 04/15/2025 19:37 Calibration End Date: 04/16/2025 10:13 Calibration ID: 54955

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
			1977426	2716292	5306706			15.0	20.0	40.0		
Acetone	BCM	Ave	+++++ 1540576	+++++ 2127780	+++++ 4181423	473729	1048130	+++++ 15.0	+++++ 20.0	+++++ 40.0	3.50	10.00
Isopropanol	BCM	Ave	+++++ 1801475	+++++ 2540415	+++++ 4903268	566995	1223722	+++++ 17.4	+++++ 23.2	+++++ 46.4	4.06	11.6
Carbon disulfide	BCM	Ave	+++++ 2847016	+++++ 3947893	78824 7741885	890242	1897654	+++++ 15.0	+++++ 20.0	0.425 40.0	3.50	10.00
Allyl chloride	BCM	Ave	+++++ 1179024	11012 1641468	32313 3311687	317581	664004	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Methylene Chloride	BCM	Ave	+++++ 1082917	+++++ 1500601	33342 2986231	340500	723503	+++++ 15.0	+++++ 20.0	0.425 40.0	3.50	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 2142850	+++++ 2939324	+++++ 5780266	651840	1464459	+++++ 15.0	+++++ 20.0	+++++ 40.0	3.50	10.00
1,2-Dichloroethene, trans-	BCM	Ave	3674 1410469	13892 1953673	39023 3870000	438249	946928	0.0351 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 2803144	28358 3843473	76171 7536686	859830	1888512	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Hexane	BCM	Ave	+++++ 1449072	14481 2013196	38222 4027304	453231	960452	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
1,1-Dichloroethane	BCM	Ave	4185 1751223	16976 2420638	48839 4774988	547608	1177717	0.0351 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Vinyl acetate	BCM	Ave	+++++ 2547555	+++++ 3556608	+++++ 7119622	733649	1657900	+++++ 17.1	+++++ 22.8	+++++ 45.6	3.99	11.4
Methyl ethyl ketone (MEK)	BCM	Ave	+++++ 497541	+++++ 681903	28838 1378729	149075	324781	+++++ 15.0	+++++ 20.0	0.425 40.0	3.50	10.00
1,2-Dichloroethene, cis-	BCM	Ave	2117 1016511	10646 1404909	29513 2785478	315809	680025	0.0351 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Ethyl acetate	BCM	Ave	+++++ 86155	+++++ 117725	+++++ 235672	26920	58165	+++++ 15.0	+++++ 20.0	+++++ 40.0	3.50	10.00
Tetrahydrofuran	DFBZ	Ave	+++++ 1018470	+++++ 1415312	+++++ 2861946	315512	676943	+++++ 15.0	+++++ 20.0	+++++ 40.0	3.50	10.00
Chloroform	BCM	Ave	+++++ 2081805	20521 2860887	57844 5587634	631324	1416680	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
1,1,1-Trichloroethane	DFBZ	Ave	+++++ 2078317	20551 2864511	58786 5534667	623217	1442781	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Cyclohexane	DFBZ	Ave	+++++ 1258267	12318 1743308	33612 3457089	392763	840530	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Carbon tetrachloride	DFBZ	Ave	4914 2019044	19600 2766144	57875 5303439	597984	1404273	0.0351 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Benzene	DFBZ	Ave	+++++ 2987833	29877 4120072	83304 8107770	929083	1989067	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00

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

Lab Name: Eurofins Burlington | Job No.: 200-77862-1 | Analy Batch No.: 215201

SDG No.:

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

Calibration Start Date: 04/15/2025 19:37 | Calibration End Date: 04/16/2025 10:13 | Calibration ID: 54955

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-Dichloroethane	DFBZ	Ave	+++++ 1488478	14016 2059361	41758 3999435	440042	1033312	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	+++++ 4597005	44875 6335561	124865 12432660	1448486	3048482	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
n-Heptane	DFBZ	Ave	+++++ 1701175	18976 2367454	47987 4712203	533088	1117517	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Trichloroethene	DFBZ	Ave	3102 1323911	12321 1822521	37020 3601983	408705	894142	0.0351 15.0	0.170 20.0	0.425 40.0	3.50	10.00
1,2-Dichloropropane	DFBZ	Ave	+++++ 1099679	10616 1527979	29736 3043547	342051	728752	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Methyl methacrylate	DFBZ	Ave	+++++ 1089704	+++++ 1513851	25661 3085260	327758	720208	+++++ 15.0	+++++ 20.0	0.425 40.0	3.50	10.00
1,4-Dioxane	DFBZ	Ave	+++++ 621058	4698 837055	16291 1658352	199139	435994	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Bromodichloromethane	DFBZ	Ave	+++++ 2298160	20696 3167969	62224 6146389	683763	1555954	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
1,3-Dichloropropene, cis-	DFBZ	Ave	+++++ 1997074	16908 2758666	50592 5468588	599368	1320845	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Methyl isobutyl ketone (MIBK)	DFBZ	Ave	+++++ 2266948	+++++ 3156641	56530 6289102	682516	1497425	+++++ 15.0	+++++ 20.0	0.425 40.0	3.50	10.00
Toluene	CBNZd5	Ave	+++++ 2100813	20253 2900762	55809 5714912	654907	1416164	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
1,3-Dichloropropene, trans-	DFBZ	Ave	+++++ 1630747	13311 2271020	39556 4474953	474593	1090314	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 1074173	9833 1486746	27835 2945050	331649	726120	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Tetrachloroethene	CBNZd5	Ave	1918 1393443	13550 1915435	38724 3716397	420368	957231	0.0351 15.0	0.170 20.0	0.425 40.0	3.50	10.00
2-Hexanone	CBNZd5	Ave	+++++ 2136467	21784 2957980	53493 5932148	631105	1434024	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Dibromochloromethane	CBNZd5	Ave	+++++ 2088867	18236 2909354	53071 5533665	609735	1411965	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
1,2-Dibromoethane	CBNZd5	Ave	+++++ 1897524	16892 2625656	48883 5188211	570591	1284223	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Chlorobenzene	CBNZd5	Ave	+++++	25711	72804	812863	1829049	+++++	0.170	0.425	3.50	10.00

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

Lab Name: Eurofins Burlington | Job No.: 200-77862-1 | Analy Batch No.: 215201

SDG No.:

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

Calibration Start Date: 04/15/2025 19:37 | Calibration End Date: 04/16/2025 10:13 | Calibration ID: 54955

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
			2683349	3691801	7173778			15.0	20.0	40.0		
Ethylbenzene	CBNZd5	Ave	+++++ 4719292	44606 6453903	124221 12345006	1440211	3216153	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
m,p-Xylene	CBNZd5	Ave	+++++ 3436344	30343 4696552	91944 9147040	1045919	2335894	+++++ 30.0	0.341 40.0	0.851 80.0	7.00	20.0
Xylene, o-	CBNZd5	Ave	+++++ 1675851	15122 2298408	43715 4523584	506591	1142096	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Styrene	CBNZd5	Ave	+++++ 2817442	19265 3877922	67241 7538471	830841	1914826	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Bromoform	CBNZd5	Ave	+++++ 1755165	14635 2534326	44850 4466058	488234	1169320	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Isopropylbenzene	CBNZd5	Ave	+++++ 5103319	47300 6975513	136828 13072965	1557108	3514520	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
1,1,2,2-Tetrachloroethane	CBNZd5	Ave	+++++ 2824072	25281 3897658	72081 7624554	850598	1907127	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
N-Propylbenzene	CBNZd5	Ave	+++++ 6353670	57593 8562817	170629 15632152	1943837	4370587	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
2-Chlorotoluene	CBNZd5	Ave	+++++ 3984626	37061 5420456	103543 10302943	1189244	2731751	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
4-Ethyltoluene	CBNZd5	Ave	+++++ 4976132	44077 6736488	133487 12518295	1507832	3424268	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
1,3,5-Trimethylbenzene	CBNZd5	Ave	+++++ 4256508	34235 5770912	111428 10893242	1281774	2934563	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
tert-Butylbenzene	CBNZd5	Ave	+++++ 3939024	38157 5346826	107369 10081825	1201405	2755010	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
1,2,4-Trimethylbenzene	CBNZd5	Ave	+++++ 4308812	37241 5822415	111054 10975965	1289410	2978008	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
sec-Butylbenzene	CBNZd5	Ave	+++++ 6245292	58150 8446693	170165 15261709	1913860	4369241	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-77862-1 Analy Batch No.: 215201

SDG No.:

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

Calibration Start Date: 04/15/2025 19:37 Calibration End Date: 04/16/2025 10:13 Calibration ID: 54955

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
1,3-Dichlorobenzene	CBNZd5	Ave	+++++ 2570677	22628 3501913	67457 6714302	769758	1805085	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
4-Isopropyltoluene	CBNZd5	Ave	+++++ 5110019	45586 6941310	133870 12613760	1535147	3563706	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
1,4-Dichlorobenzene	CBNZd5	Ave	+++++ 2536851	23246 3471882	66868 6654252	764167	1789634	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Benzyl chloride	CBNZd5	Ave	+++++ 4166099	34395 5750028	100791 10953991	1229866	2831494	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
n-Butylbenzene	CBNZd5	Ave	+++++ 5444651	44619 7362835	137514 13468939	1595067	3733288	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
1,2-Dichlorobenzene	CBNZd5	Ave	+++++ 2453948	23301 3375489	65215 6418952	726502	1711707	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
1,2,4-Trichlorobenzene	CBNZd5	Ave	+++++ 1906923	+++++ 2649425	42536 5182594	501118	1263370	+++++ 17.6	+++++ 23.5	0.499 46.9	4.10	11.7
Hexachlorobutadiene	CBNZd5	Ave	+++++ 1506075	13875 2037471	39516 3831616	422289	1050559	+++++ 16.9	0.192 22.5	0.478 45.0	3.93	11.2
Naphthalene	CBNZd5	Ave	+++++ 5185085	33787 7299635	111338 13929010	1422482	3468015	+++++ 17.8	0.203 23.8	0.506 47.6	4.16	11.9

Curve Type Legend:
Ave = Average ISTD

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

Lab Name: Eurofins Burlington Job No.: 200-77863-1 Analy Batch No.: 215201

SDG No.:

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

Calibration Start Date: 04/15/2025 19:37 Calibration End Date: 04/16/2025 10:13 Calibration ID: 54955

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-215201/4	64733_004.D
Level 2	IC 200-215201/6	64733_006.D
Level 3	IC 200-215201/7	64733_007.D
Level 4	IC 200-215201/21	64733_021.D
Level 5	ICIS 200-215201/9	64733_009.D
Level 6	IC 200-215201/10	64733_010.D
Level 7	IC 200-215201/13	64733_013.D
Level 8	IC 200-215201/14	64733_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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.8766	+++++ 0.8975	+++++ 0.8145	1.0247	0.9227	Ave		0.9072				8.5		30.0			
Dichlorodifluoromethane	+++++ 2.8304	+++++ 2.8044	3.0153 2.4510	3.2004	3.1189	Ave		2.9034				9.3		30.0			
Freon 22	+++++ 1.7086	+++++ 1.7175	1.8015 1.5186	1.9685	1.8369	Ave		1.7586				8.6		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 2.8436	2.4534 2.8702	3.0085 2.5126	3.3192	3.0878	Ave		2.8708				10.7		30.0			
Chloromethane	+++++ 0.9466	+++++ 0.9717	0.9893 0.8627	1.1283	1.0120	Ave		0.9851				8.8		30.0			
Vinyl chloride	1.0927 0.9986	0.8874 1.0024	1.0255 0.9060	1.1739	1.0609	Ave		1.0184				9.2		30.0			
n-Butane	+++++ 1.3939	+++++ 1.4074	1.4490 1.2740	1.6443	1.4593	Ave		1.4380				8.4		30.0			
1,3-Butadiene	0.7411 0.7395	0.5634 0.7474	0.7675 0.6792	0.8622	0.7809	Ave		0.7352				11.7		30.0			
Bromomethane	+++++ 0.9749	0.8382 0.9812	1.0287 0.8989	1.1444	1.0280	Ave		0.9849				10.0		30.0			
Chloroethane	+++++ 0.5588	+++++ 0.5579	0.5656 0.5181	0.6461	0.5778	Ave		0.5707				7.4		30.0			
Isopentane	+++++ 1.0920	0.9337 1.0995	1.0993 1.0244	1.3014	1.1213	Ave		1.0960				10.2		30.0			
Bromoethene(Vinyl Bromide)	+++++ 0.9102	0.7815 0.9151	0.9423 0.8375	1.0562	0.9676	Ave		0.9158				9.7		30.0			
Trichlorofluoromethane	+++++ 2.4129	2.1274 2.3950	2.6692 2.1225	2.7318	2.6715	Ave		2.4472				10.4		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.: 200-77863-1 Analy Batch No.: 215201

SDG No.:

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

Calibration Start Date: 04/15/2025 19:37 Calibration End Date: 04/16/2025 10:13 Calibration ID: 54955

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	+++++ 1.6090	+++++ 1.6154	1.6131 1.4934	1.9228	1.6571	Ave		1.6518				8.7		30.0			
Ethanol	+++++ 0.4855	+++++ 0.4793	0.6227 0.4358	0.4823	0.4332	Ave		0.4898				14.1		30.0			
Ethyl ether	+++++ 0.6886	0.5414 0.6908	0.6648 0.6446	0.8003	0.7264	Ave		0.6796				11.6		30.0			
Acrolein	+++++ 0.3643	+++++ 0.3718	+++++ 0.3368	0.4008	0.3731	Ave		0.3694				6.2		30.0			
1,1-Dichloroethene	1.4792 0.9542	0.9544 0.9513	0.9973 0.8646	1.0838	1.0176	Ave		1.0378				18.2		30.0			
Freon TF	+++++ 1.9348	1.6722 1.9227	2.0427 1.7314	2.2350	2.0787	Ave		1.9453				10.1		30.0			
Acetone	+++++ 1.5073	+++++ 1.5061	+++++ 1.3642	1.7131	1.6312	Ave		1.5444				8.6		30.0			
Isopropyl alcohol	+++++ 1.5208	+++++ 1.5515	+++++ 1.3803	1.7691	1.6432	Ave		1.5730				9.2		30.0			
Carbon disulfide	+++++ 2.7856	+++++ 2.7945	2.8757 2.5258	3.2193	2.9533	Ave		2.8590				8.0		30.0			
Acetonitrile	+++++ 0.6932	+++++ 0.6977	+++++ 0.6562	0.8030	0.7213	Ave		0.7143				7.7		30.0			
3-Chloropropene	+++++ 1.1536	0.9438 1.1619	1.1789 1.0805	1.1485	1.0334	Ave		1.1001				7.8		30.0			
Methylene Chloride	+++++ 1.0596	+++++ 1.0622	1.2164 0.9743	1.2313	1.1260	Ave		1.1116				9.0		30.0			
tert-Butyl alcohol	+++++ 2.0966	+++++ 2.0806	+++++ 1.8859	2.3572	2.2791	Ave		2.1399				8.6		30.0			
Acrylonitrile	+++++ 0.6708	+++++ 0.6785	0.5566 0.6353	0.7566	0.6946	Ave		0.6654				10.0		30.0			
trans-1,2-Dichloroethene	1.3920 1.3800	1.1907 1.3829	1.4237 1.2626	1.5848	1.4737	Ave		1.3863				8.7		30.0			
Methyl tert-butyl ether	+++++ 2.7427	2.4305 2.7206	2.7789 2.4589	3.1094	2.9390	Ave		2.7400				8.8		30.0			
n-Hexane	+++++ 1.4178	1.2412 1.4250	1.3944 1.3139	1.6390	1.4947	Ave		1.4180				9.0		30.0			
1,1-Dichloroethane	1.5857 1.7134	1.4550 1.7134	1.7818 1.5579	1.9803	1.8329	Ave		1.7025				9.8		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.: 200-77863-1 Analy Batch No.: 215201

SDG No.:

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

Calibration Start Date: 04/15/2025 19:37 Calibration End Date: 04/16/2025 10:13 Calibration ID: 54955

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Vinyl acetate	+++++ 2.1884	+++++ 2.2103	+++++ 2.0394	2.3293	2.2653	Ave		2.2065				4.9		30.0			
Methyl Ethyl Ketone	+++++ 0.4868	+++++ 0.4827	1.0521 0.4498	0.5391	0.5054	Ave		0.5860				39.3	*	30.0			
cis-1,2-Dichloroethene	0.8021 0.9946	0.9125 0.9945	1.0767 0.9088	1.1420	1.0583	Ave		0.9862				11.1		30.0			
Ethyl acetate	+++++ 0.0843	+++++ 0.0833	+++++ 0.0769	0.0973	0.0905	Ave		0.0865				9.0		30.0			
Tetrahydrofuran	+++++ 0.2014	+++++ 0.2042	+++++ 0.1897	0.2321	0.2139	Ave		0.2083				7.6		30.0			
Chloroform	+++++ 2.0369	1.7588 2.0251	2.1103 1.8230	2.2830	2.2047	Ave		2.0346				9.4		30.0			
1,1,1-Trichloroethane	+++++ 0.4109	0.3582 0.4134	0.4329 0.3668	0.4584	0.4560	Ave		0.4138				9.6		30.0			
Cyclohexane	+++++ 0.2488	0.2147 0.2516	0.2475 0.2291	0.2889	0.2656	Ave		0.2495				9.6		30.0			
Carbon tetrachloride	0.3788 0.3992	0.3416 0.3992	0.4262 0.3515	0.4399	0.4438	Ave		0.3975				9.7		30.0			
Benzene	+++++ 0.5907	0.5207 0.5945	0.6135 0.5374	0.6834	0.6286	Ave		0.5956				9.2		30.0			
1,2-Dichloroethane	+++++ 0.2943	0.2443 0.2972	0.3075 0.2651	0.3237	0.3266	Ave		0.2941				10.2		30.0			
2,2,4-Trimethylpentane	+++++ 0.9089	0.7821 0.9143	0.9195 0.8240	1.0655	0.9634	Ave		0.9111				10.1		30.0			
n-Heptane	+++++ 0.3363	0.3307 0.3416	0.3534 0.3123	0.3921	0.3532	Ave		0.3457				7.2		30.0			
n-Butanol	+++++ 0.1444	+++++ 0.1472	+++++ 0.1363	0.1636	0.1579	Ave		0.1499				7.3		30.0			
Trichloroethene	0.2391 0.2618	0.2147 0.2630	0.2726 0.2387	0.3006	0.2826	Ave		0.2591				10.6		30.0			
1,2-Dichloropropane	+++++ 0.2174	0.1850 0.2205	0.2190 0.2017	0.2516	0.2303	Ave		0.2179				9.6		30.0			
Methyl methacrylate	+++++ 0.2154	+++++ 0.2185	0.1890 0.2045	0.2411	0.2276	Ave		0.2160				8.4		30.0			
1,4-Dioxane	+++++ 0.1228	0.0819 0.1208	0.1200 0.1099	0.1465	0.1378	Ave		0.1199				17.3		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.: 200-77863-1 Analy Batch No.: 215201

SDG No.:

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

Calibration Start Date: 04/15/2025 19:37 Calibration End Date: 04/16/2025 10:13 Calibration ID: 54955

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	+++++ 0.1915	0.1811 0.1929	0.2065 0.1720	0.2184	0.2108	Ave		0.1962				8.5		30.0			
Bromodichloromethane	+++++ 0.4544	0.3607 0.4572	0.4582 0.4074	0.5030	0.4917	Ave		0.4475				11.0		30.0			
cis-1,3-Dichloropropene	+++++ 0.3948	0.2947 0.3981	0.3726 0.3625	0.4409	0.4174	Ave		0.3830				12.3		30.0			
methyl isobutyl ketone	+++++ 0.4482	+++++ 0.4555	0.4163 0.4168	0.5020	0.4732	Ave		0.4520				7.3		30.0			
Toluene	+++++ 0.4707	0.4116 0.4705	0.4791 0.4304	0.5441	0.5089	Ave		0.4736				9.4		30.0			
n-Octane	+++++ 0.4717	0.3935 0.4746	0.4596 0.4325	0.5438	0.4999	Ave		0.4679				10.2		30.0			
trans-1,3-Dichloropropene	+++++ 0.3224	0.2320 0.3277	0.2913 0.2966	0.3491	0.3446	Ave		0.3091				13.1		30.0			
1,1,2-Trichloroethane	+++++ 0.2407	0.1998 0.2411	0.2390 0.2218	0.2755	0.2609	Ave		0.2398				10.3		30.0			
Tetrachloroethene	0.1725 0.3122	0.2754 0.3107	0.3324 0.2799	0.3492	0.3440	Ave		0.2970				19.2		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.4787	0.4427 0.4798	0.4592 0.4467	0.5243	0.5153	Ave		0.4781				6.7		30.0			
Dibromochloromethane	+++++ 0.4680	0.3706 0.4719	0.4556 0.4167	0.5066	0.5074	Ave		0.4567				10.7		30.0			
1,2-Dibromoethane	+++++ 0.4251	0.3433 0.4259	0.4197 0.3907	0.4740	0.4615	Ave		0.4200				10.4		30.0			
Chlorobenzene	+++++ 0.6012	0.5225 0.5988	0.6250 0.5402	0.6753	0.6573	Ave		0.6029				9.4		30.0			
Ethylbenzene	+++++ 1.0573	0.9065 1.0468	1.0664 0.9296	1.1965	1.1558	Ave		1.0513				10.1		30.0			
m,p-Xylene	+++++ 0.3849	0.3083 0.3809	0.3947 0.3444	0.4345	0.4197	Ave		0.3811				11.3		30.0			
n-Nonane	+++++ 0.5268	0.4200 0.5191	0.5266 0.4789	0.5904	0.5592	Ave		0.5173				10.7		30.0			
Xylene, o-	+++++ 0.3755	0.3073 0.3728	0.3753 0.3406	0.4209	0.4104	Ave		0.3718				10.4		30.0			
Styrene	+++++ 0.6312	0.3915 0.6290	0.5773 0.5677	0.6903	0.6881	Ave		0.5964				17.1		30.0			

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

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

Lab Name: Eurofins Burlington Job No.: 200-77863-1 Analy Batch No.: 215201

SDG No.:

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

Calibration Start Date: 04/15/2025 19:37 Calibration End Date: 04/16/2025 10:13 Calibration ID: 54955

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	+++++ 0.3932	0.2974 0.4110	0.3850 0.3363	0.4056	0.4202	Ave		0.3784				11.9		30.0			
Cumene	+++++ 1.1434	0.9613 1.1314	1.1747 0.9845	1.2936	1.2630	Ave		1.1360				11.1		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6327	0.5138 0.6322	0.6188 0.5742	0.7067	0.6854	Ave		0.6234				10.4		30.0			
1,2,3-Trichloropropane	+++++ 0.5004	+++++ 0.4977	0.5073 0.4504	0.5568	0.5480	Ave		0.5101				7.6		30.0			
n-Propylbenzene	+++++ 1.4235	1.1704 1.3888	1.4649 1.1772	1.6149	1.5707	Ave		1.4015				12.4		30.0			
2-Chlorotoluene	+++++ 0.8927	0.7532 0.8791	0.8889 0.7759	0.9880	0.9817	Ave		0.8799				10.3		30.0			
4-Ethyltoluene	+++++ 1.1149	0.8958 1.0926	1.1460 0.9427	1.2527	1.2306	Ave		1.0965				12.3		30.0			
1,3,5-Trimethylbenzene	+++++ 0.9536	0.6957 0.9360	0.9566 0.8203	1.0649	1.0546	Ave		0.9260				14.1		30.0			
n-Decane	+++++ 0.6781	+++++ 0.6680	0.6665 0.6046	0.7557	0.7336	Ave		0.6844				7.9		30.0			
Alpha Methyl Styrene	+++++ 0.4893	0.2734 0.4839	0.4277 0.4388	0.5295	0.5340	Ave		0.4538				19.7		30.0			
tert-Butylbenzene	+++++ 0.8825	0.7754 0.8672	0.9218 0.7592	0.9981	0.9901	Ave		0.8849				10.7		30.0			
1,2,4-Trimethylbenzene	+++++ 0.9654	0.7568 0.9443	0.9534 0.8265	1.0712	1.0702	Ave		0.9411				12.4		30.0			
sec-Butylbenzene	+++++ 1.3992	1.1818 1.3700	1.4609 1.1493	1.5900	1.5702	Ave		1.3888				12.4		30.0			
1,3-Dichlorobenzene	+++++ 0.5759	0.4599 0.5680	0.5791 0.5056	0.6395	0.6487	Ave		0.5681				11.9		30.0			
4-Isopropyltoluene	+++++ 1.1449	0.9264 1.1258	1.1493 0.9499	1.2754	1.2807	Ave		1.1218				12.5		30.0			
1,4-Dichlorobenzene	+++++ 0.5684	0.4724 0.5631	0.5741 0.5011	0.6349	0.6431	Ave		0.5653				11.1		30.0			
Benzyl chloride	+++++ 0.9334	0.6990 0.9326	0.8653 0.8249	1.0218	1.0176	Ave		0.8992				12.7		30.0			
n-Butylbenzene	+++++ 1.2198	0.9068 1.1942	1.1806 1.0143	1.3252	1.3416	Ave		1.1689				13.5		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.: 200-77863-1 Analy Batch No.: 215201

SDG No.:

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

Calibration Start Date: 04/15/2025 19:37 Calibration End Date: 04/16/2025 10:13 Calibration ID: 54955

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	+++++ 0.5498	0.4735 0.5475	0.5599 0.4834	0.6036	0.6151	Ave		0.5475				9.9		30.0			
n-Undecane	+++++ 0.7631	+++++ 0.7486	+++++ 0.6777	0.7988	0.8201	Ave		0.7617				7.2		30.0			
n-Dodecane	+++++ 0.7126	+++++ 0.7064	+++++ 0.6033	0.7453	0.7612	Ave		0.7058				8.7		30.0			
1,2,4-Trichlorobenzene	+++++ 0.3642	+++++ 0.3663	0.3113 0.3327	0.3549	0.3871	Ave		0.3528				7.6		30.0			
Hexachlorobutadiene	+++++ 0.3002	0.2509 0.2940	0.3018 0.2567	0.3121	0.3359	Ave		0.2931				10.3		30.0			
Naphthalene	+++++ 0.9770	0.5775 0.9957	0.8039 0.8822	0.9939	1.0482	Ave		0.8969				18.2		30.0			
1,2,3-Trichlorobenzene	+++++ 0.3499	+++++ 0.3500	0.3005 0.3127	0.3521	0.3766	Ave		0.3403				8.3		30.0			

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

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

Lab Name: Eurofins Burlington | Job No.: 200-77863-1 | Analy Batch No.: 215201

SDG No.:

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

Calibration Start Date: 04/15/2025 19:37 | Calibration End Date: 04/16/2025 10:13 | Calibration ID: 54955

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-215201/4	64733_004.D
Level 2	IC 200-215201/6	64733_006.D
Level 3	IC 200-215201/7	64733_007.D
Level 4	IC 200-215201/21	64733_021.D
Level 5	ICIS 200-215201/9	64733_009.D
Level 6	IC 200-215201/10	64733_010.D
Level 7	IC 200-215201/13	64733_013.D
Level 8	IC 200-215201/14	64733_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	+++++ 895921	+++++ 1267897	+++++ 2496344	283357	592873	+++++ 15.0	+++++ 20.0	+++++ 40.0	3.50	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 2892769	+++++ 3961959	82650 7512474	884997	2004079	+++++ 15.0	+++++ 20.0	0.425 40.0	3.50	10.00
Freon 22	BCM	Ave	+++++ 1746290	+++++ 2426323	49380 4654579	544358	1180323	+++++ 15.0	+++++ 20.0	0.425 40.0	3.50	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 2906265	28625 4054898	82465 7701358	917857	1984112	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Chloromethane	BCM	Ave	+++++ 967507	+++++ 1372774	27118 2644382	312009	650300	+++++ 15.0	+++++ 20.0	0.425 40.0	3.50	10.00
Vinyl chloride	BCM	Ave	2884 1020619	10354 1416167	28110 2776953	324615	681684	0.0351 15.0	0.170 20.0	0.425 40.0	3.50	10.00
n-Butane	BCM	Ave	+++++ 1424599	+++++ 1988256	39718 3904931	454693	937663	+++++ 15.0	+++++ 20.0	0.425 40.0	3.50	10.00
1,3-Butadiene	BCM	Ave	1956 755779	6573 1055829	21038 2081809	238431	501807	0.0351 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Bromomethane	BCM	Ave	+++++ 996348	9780 1386247	28198 2755271	316464	660561	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Chloroethane	BCM	Ave	+++++ 571168	+++++ 788204	15503 1588154	178662	371296	+++++ 15.0	+++++ 20.0	0.425 40.0	3.50	10.00
Isopentane	BCM	Ave	+++++ 1116090	10894 1553348	30133 3139849	359876	720493	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 930313	9118 1292758	25828 2567071	292063	621743	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 2466102	24821 3383554	73163 6505657	755414	1716615	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
n-Pentane	BCM	Ave	+++++ 1644446	+++++ 2282130	44217 4577477	531714	1064791	+++++ 15.0	+++++ 20.0	0.425 40.0	3.50	10.00
Ethanol	BCM	Ave	+++++ 663072	+++++ 1354395	170894 3339385	200145	417668	+++++ 20.0	+++++ 40.0	4.26 100.0	5.25	15.0

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

Lab Name: Eurofins Burlington Job No.: 200-77863-1 Analy Batch No.: 215201

SDG No.:

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

Calibration Start Date: 04/15/2025 19:37 Calibration End Date: 04/16/2025 10:13 Calibration ID: 54955

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	+++++ 703789	6317 975920	18223 1975682	221294	466777	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Acrolein	BCM	Ave	+++++ 435969	+++++ 615007	+++++ 1208901	129798	280727	+++++ 17.6	+++++ 23.4	+++++ 46.8	4.10	11.7
1,1-Dichloroethene	BCM	Ave	3904 975211	11135 1343931	27336 2650102	299708	653868	0.0351 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Freon TF	BCM	Ave	+++++ 1977426	19510 2716292	55992 5306706	618034	1335709	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Acetone	BCM	Ave	+++++ 1540576	+++++ 2127780	+++++ 4181423	473729	1048130	+++++ 15.0	+++++ 20.0	+++++ 40.0	3.50	10.00
Isopropyl alcohol	BCM	Ave	+++++ 1801475	+++++ 2540415	+++++ 4903268	566995	1223722	+++++ 17.4	+++++ 23.2	+++++ 46.4	4.06	11.6
Carbon disulfide	BCM	Ave	+++++ 2847016	+++++ 3947893	78824 7741885	890242	1897654	+++++ 15.0	+++++ 20.0	0.425 40.0	3.50	10.00
Acetonitrile	BCM	Ave	+++++ 708443	+++++ 985640	+++++ 2011200	222066	463453	+++++ 15.0	+++++ 20.0	+++++ 40.0	3.50	10.00
3-Chloropropene	BCM	Ave	+++++ 1179024	11012 1641468	32313 3311687	317581	664004	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Methylene Chloride	BCM	Ave	+++++ 1082917	+++++ 1500601	33342 2986231	340500	723503	+++++ 15.0	+++++ 20.0	0.425 40.0	3.50	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 2142850	+++++ 2939324	+++++ 5780266	651840	1464459	+++++ 15.0	+++++ 20.0	+++++ 40.0	3.50	10.00
Acrylonitrile	BCM	Ave	+++++ 685583	+++++ 958569	15257 1947147	209233	446345	+++++ 15.0	+++++ 20.0	0.425 40.0	3.50	10.00
trans-1,2-Dichloroethene	BCM	Ave	3674 1410469	13892 1953673	39023 3870000	438249	946928	0.0351 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 2803144	28358 3843473	76171 7536686	859830	1888512	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
n-Hexane	BCM	Ave	+++++ 1449072	14481 2013196	38222 4027304	453231	960452	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
1,1-Dichloroethane	BCM	Ave	4185 1751223	16976 2420638	48839 4774988	547608	1177717	0.0351 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Vinyl acetate	BCM	Ave	+++++ 2547555	+++++ 3556608	+++++ 7119622	733649	1657900	+++++ 17.1	+++++ 22.8	+++++ 45.6	3.99	11.4
Methyl Ethyl Ketone	BCM	Ave	+++++ 497541	+++++ 681903	28838 1378729	149075	324781	+++++ 15.0	+++++ 20.0	0.425 40.0	3.50	10.00
cis-1,2-Dichloroethene	BCM	Ave	2117 1016511	10646 1404909	29513 2785478	315809	680025	0.0351 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Ethyl acetate	BCM	Ave	+++++ 86155	+++++ 117725	+++++ 235672	26920	58165	+++++ 15.0	+++++ 20.0	+++++ 40.0	3.50	10.00
Tetrahydrofuran	DFBZ	Ave	+++++	+++++	+++++	315512	676943	+++++	+++++	+++++	3.50	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-77863-1 Analy Batch No.: 215201

SDG No.:

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

Calibration Start Date: 04/15/2025 19:37 Calibration End Date: 04/16/2025 10:13 Calibration ID: 54955

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
			1018470	1415312	2861946			15.0	20.0	40.0		
Chloroform	BCM	Ave	+++++ 2081805	20521 2860887	57844 5587634	631324	1416680	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
1,1,1-Trichloroethane	DFBZ	Ave	+++++ 2078317	20551 2864511	58786 5534667	623217	1442781	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Cyclohexane	DFBZ	Ave	+++++ 1258267	12318 1743308	33612 3457089	392763	840530	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Carbon tetrachloride	DFBZ	Ave	4914 2019044	19600 2766144	57875 5303439	597984	1404273	0.0351 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Benzene	DFBZ	Ave	+++++ 2987833	29877 4120072	83304 8107770	929083	1989067	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
1,2-Dichloroethane	DFBZ	Ave	+++++ 1488478	14016 2059361	41758 3999435	440042	1033312	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	+++++ 4597005	44875 6335561	124865 12432660	1448486	3048482	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
n-Heptane	DFBZ	Ave	+++++ 1701175	18976 2367454	47987 4712203	533088	1117517	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
n-Butanol	DFBZ	Ave	+++++ 730391	+++++ 1020203	+++++ 2056647	222475	499625	+++++ 15.0	+++++ 20.0	+++++ 40.0	3.50	10.00
Trichloroethene	DFBZ	Ave	3102 1323911	12321 1822521	37020 3601983	408705	894142	0.0351 15.0	0.170 20.0	0.425 40.0	3.50	10.00
1,2-Dichloropropane	DFBZ	Ave	+++++ 1099679	10616 1527979	29736 3043547	342051	728752	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Methyl methacrylate	DFBZ	Ave	+++++ 1089704	+++++ 1513851	25661 3085260	327758	720208	+++++ 15.0	+++++ 20.0	0.425 40.0	3.50	10.00
1,4-Dioxane	DFBZ	Ave	+++++ 621058	4698 837055	16291 1658352	199139	435994	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Dibromomethane	DFBZ	Ave	+++++ 968739	10392 1336869	28039 2594335	296847	666876	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
Bromodichloromethane	DFBZ	Ave	+++++ 2298160	20696 3167969	62224 6146389	683763	1555954	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
cis-1,3-Dichloropropene	DFBZ	Ave	+++++ 1997074	16908 2758666	50592 5468588	599368	1320845	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
methyl isobutyl ketone	DFBZ	Ave	+++++ 2266948	+++++ 3156641	56530 6289102	682516	1497425	+++++ 15.0	+++++ 20.0	0.425 40.0	3.50	10.00
Toluene	CBNZd5	Ave	+++++ 2100813	20253 2900762	55809 5714912	654907	1416164	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
n-Octane	DFBZ	Ave	+++++ 2385854	22576 3288514	62407 6524604	739228	1581724	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
trans-1,3-Dichloropropene	DFBZ	Ave	+++++	13311	39556	474593	1090314	+++++	0.170	0.425	3.50	10.00

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

Lab Name: Eurofins Burlington | Job No.: 200-77863-1 | Analy Batch No.: 215201

SDG No.:

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

Calibration Start Date: 04/15/2025 19:37 | Calibration End Date: 04/16/2025 10:13 | Calibration ID: 54955

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
			1630747	2271020	4474953			15.0	20.0	40.0		
1,1,2-Trichloroethane	CBNZd5	Ave	+++++	9833	27835	331649	726120	+++++	0.170	0.425	3.50	10.00
			1074173	1486746	2945050			15.0	20.0	40.0		
Tetrachloroethene	CBNZd5	Ave	1918	13550	38724	420368	957231	0.0351	0.170	0.425	3.50	10.00
			1393443	1915435	3716397			15.0	20.0	40.0		
Methyl Butyl Ketone (2-Hexanone)	CBNZd5	Ave	+++++	21784	53493	631105	1434024	+++++	0.170	0.425	3.50	10.00
			2136467	2957980	5932148			15.0	20.0	40.0		
Dibromochloromethane	CBNZd5	Ave	+++++	18236	53071	609735	1411965	+++++	0.170	0.425	3.50	10.00
			2088867	2909354	5533665			15.0	20.0	40.0		
1,2-Dibromoethane	CBNZd5	Ave	+++++	16892	48883	570591	1284223	+++++	0.170	0.425	3.50	10.00
			1897524	2625656	5188211			15.0	20.0	40.0		
Chlorobenzene	CBNZd5	Ave	+++++	25711	72804	812863	1829049	+++++	0.170	0.425	3.50	10.00
			2683349	3691801	7173778			15.0	20.0	40.0		
Ethylbenzene	CBNZd5	Ave	+++++	44606	124221	1440211	3216153	+++++	0.170	0.425	3.50	10.00
			4719292	6453903	12345006			15.0	20.0	40.0		
m,p-Xylene	CBNZd5	Ave	+++++	30343	91944	1045919	2335894	+++++	0.341	0.851	7.00	20.0
			3436344	4696552	9147040			30.0	40.0	80.0		
n-Nonane	CBNZd5	Ave	+++++	20669	61342	710630	1556001	+++++	0.170	0.425	3.50	10.00
			2351407	3200380	6359076			15.0	20.0	40.0		
Xylene, o-	CBNZd5	Ave	+++++	15122	43715	506591	1142096	+++++	0.170	0.425	3.50	10.00
			1675851	2298408	4523584			15.0	20.0	40.0		
Styrene	CBNZd5	Ave	+++++	19265	67241	830841	1914826	+++++	0.170	0.425	3.50	10.00
			2817442	3877922	7538471			15.0	20.0	40.0		
Bromoform	CBNZd5	Ave	+++++	14635	44850	488234	1169320	+++++	0.170	0.425	3.50	10.00
			1755165	2534326	4466058			15.0	20.0	40.0		
Cumene	CBNZd5	Ave	+++++	47300	136828	1557108	3514520	+++++	0.170	0.425	3.50	10.00
			5103319	6975513	13072965			15.0	20.0	40.0		
1,1,2,2-Tetrachloroethane	CBNZd5	Ave	+++++	25281	72081	850598	1907127	+++++	0.170	0.425	3.50	10.00
			2824072	3897658	7624554			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.: 200-77863-1 Analy Batch No.: 215201

SDG No.:

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

Calibration Start Date: 04/15/2025 19:37 Calibration End Date: 04/16/2025 10:13 Calibration ID: 54955

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	CBNZd5	Ave	+++++	+++++	59096	670257	1524873	+++++	+++++	0.425	3.50	10.00
			2233329	3068321	5980727			15.0	20.0	40.0		
n-Propylbenzene	CBNZd5	Ave	+++++	57593	170629	1943837	4370587	+++++	0.170	0.425	3.50	10.00
			6353670	8562817	15632152			15.0	20.0	40.0		
2-Chlorotoluene	CBNZd5	Ave	+++++	37061	103543	1189244	2731751	+++++	0.170	0.425	3.50	10.00
			3984626	5420456	10302943			15.0	20.0	40.0		
4-Ethyltoluene	CBNZd5	Ave	+++++	44077	133487	1507832	3424268	+++++	0.170	0.425	3.50	10.00
			4976132	6736488	12518295			15.0	20.0	40.0		
1,3,5-Trimethylbenzene	CBNZd5	Ave	+++++	34235	111428	1281774	2934563	+++++	0.170	0.425	3.50	10.00
			4256508	5770912	10893242			15.0	20.0	40.0		
n-Decane	CBNZd5	Ave	+++++	+++++	77634	909608	2041418	+++++	+++++	0.425	3.50	10.00
			3026840	4118885	8029144			15.0	20.0	40.0		
Alpha Methyl Styrene	CBNZd5	Ave	+++++	13455	49823	637344	1485974	+++++	0.170	0.425	3.50	10.00
			2184014	2983630	5826670			15.0	20.0	40.0		
tert-Butylbenzene	CBNZd5	Ave	+++++	38157	107369	1201405	2755010	+++++	0.170	0.425	3.50	10.00
			3939024	5346826	10081825			15.0	20.0	40.0		
1,2,4-Trimethylbenzene	CBNZd5	Ave	+++++	37241	111054	1289410	2978008	+++++	0.170	0.425	3.50	10.00
			4308812	5822415	10975965			15.0	20.0	40.0		
sec-Butylbenzene	CBNZd5	Ave	+++++	58150	170165	1913860	4369241	+++++	0.170	0.425	3.50	10.00
			6245292	8446693	15261709			15.0	20.0	40.0		
1,3-Dichlorobenzene	CBNZd5	Ave	+++++	22628	67457	769758	1805085	+++++	0.170	0.425	3.50	10.00
			2570677	3501913	6714302			15.0	20.0	40.0		
4-Isopropyltoluene	CBNZd5	Ave	+++++	45586	133870	1535147	3563706	+++++	0.170	0.425	3.50	10.00
			5110019	6941310	12613760			15.0	20.0	40.0		
1,4-Dichlorobenzene	CBNZd5	Ave	+++++	23246	66868	764167	1789634	+++++	0.170	0.425	3.50	10.00
			2536851	3471882	6654252			15.0	20.0	40.0		
Benzyl chloride	CBNZd5	Ave	+++++	34395	100791	1229866	2831494	+++++	0.170	0.425	3.50	10.00
			4166099	5750028	10953991			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.: 200-77863-1 Analy Batch No.: 215201

SDG No.:

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

Calibration Start Date: 04/15/2025 19:37 Calibration End Date: 04/16/2025 10:13 Calibration ID: 54955

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	CBNZd5	Ave	+++++ 5444651	44619 7362835	137514 13468939	1595067	3733288	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
1,2-Dichlorobenzene	CBNZd5	Ave	+++++ 2453948	23301 3375489	65215 6418952	726502	1711707	+++++ 15.0	0.170 20.0	0.425 40.0	3.50	10.00
n-Undecane	CBNZd5	Ave	+++++ 3406163	+++++ 4615415	+++++ 8999958	961455	2281945	+++++ 15.0	+++++ 20.0	+++++ 40.0	3.50	10.00
n-Dodecane	CBNZd5	Ave	+++++ 3180705	+++++ 4355684	+++++ 8012117	897061	2118190	+++++ 15.0	+++++ 20.0	+++++ 40.0	3.50	10.00
1,2,4-Trichlorobenzene	CBNZd5	Ave	+++++ 1906923	+++++ 2649425	42536 5182594	501118	1263370	+++++ 17.6	+++++ 23.5	0.499 46.9	4.10	11.7
Hexachlorobutadiene	CBNZd5	Ave	+++++ 1506075	13875 2037471	39516 3831616	422289	1050559	+++++ 16.9	0.192 22.5	0.478 45.0	3.93	11.2
Naphthalene	CBNZd5	Ave	+++++ 5185085	33787 7299635	111338 13929010	1422482	3468015	+++++ 17.8	0.203 23.8	0.506 47.6	4.16	11.9
1,2,3-Trichlorobenzene	CBNZd5	Ave	+++++ 1819638	+++++ 2514086	40778 4837041	493788	1220967	+++++ 17.5	+++++ 23.3	0.496 46.6	4.08	11.6

Curve Type Legend:
Ave = Average ISTD

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

Lab Name: Eurofins Burlington Job No.: 200-78004-1 Analy Batch No.: 215048

SDG No.:

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

Calibration Start Date: 04/10/2025 18:22 Calibration End Date: 04/11/2025 02:50 Calibration ID: 54929

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-215048/5	64660-05.d
Level 2	IC 200-215048/7	64660-07.d
Level 3	IC 200-215048/8	64660-08.d
Level 4	IC 200-215048/9	64660-09.d
Level 5	ICIS 200-215048/10	64660-10.d
Level 6	IC 200-215048/11	64660-11.d
Level 7	IC 200-215048/14	64660-14.d
Level 8	IC 200-215048/15	64660-15.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 1.0592	+++++ 1.1021	+++++ 1.0194	1.1308	1.1021	Ave		1.0827				4.0		30.0			
Dichlorodifluoromethane	+++++ 3.6810	+++++ 3.8420	3.8491 3.4995	3.9374	3.8179	Ave		3.7712				4.2		30.0			
Freon 22	+++++ 2.0175	+++++ 2.0947	2.1784 1.9391	2.1560	2.0898	Ave		2.0793				4.3		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 3.8888	3.2628 4.0170	4.0737 3.7135	4.1300	4.0195	Ave		3.8722				7.8		30.0			
Chloromethane	+++++ 1.2107	+++++ 1.2539	1.3636 1.1744	1.2838	1.2482	Ave		1.2558				5.2		30.0			
Vinyl chloride	1.2471 1.0855	0.9575 1.1368	1.1656 1.0382	1.1267	1.1007	Ave		1.1073				7.8		30.0			
n-Butane	+++++ 1.5640	+++++ 1.6424	1.7227 1.4979	1.6240	1.5848	Ave		1.6060				4.8		30.0			
1,3-Butadiene	0.9664 0.8128	0.6758 0.8232	0.8803 0.7517	0.8453	0.8209	Ave		0.8220				10.4		30.0			
Bromomethane	+++++ 1.4488	1.3028 1.5122	1.5805 1.3968	1.5445	1.5179	Ave		1.4719				6.5		30.0			
Chloroethane	+++++ 0.8345	+++++ 0.8616	0.8824 0.7990	0.8812	0.8603	Ave		0.8532				3.7		30.0			
Isopentane	+++++ 1.6381	1.4511 1.6917	1.6677 1.5783	1.7008	1.6823	Ave		1.6300				5.5		30.0			
Bromoethene(Vinyl Bromide)	+++++ 1.4626	1.1831 1.5180	1.4898 1.4073	1.5251	1.5013	Ave		1.4411				8.4		30.0			
Trichlorofluoromethane	+++++ 3.7527	3.1036 3.8965	3.9767 3.6022	3.9861	3.8780	Ave		3.7423				8.3		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.: 200-78004-1 Analy Batch No.: 215048

SDG No.:

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

Calibration Start Date: 04/10/2025 18:22 Calibration End Date: 04/11/2025 02:50 Calibration ID: 54929

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Pentane	+++++ 2.4849	+++++ 2.5880	2.5878 2.4020	2.5790	2.5547	Ave		2.5327				3.0		30.0			
Ethanol	+++++ 0.7031	+++++ 0.7304	0.8884 0.6662	0.6979	0.6965	Ave		0.7304				11.0		30.0			
Ethyl ether	+++++ 1.0862	0.7446 1.1320	1.0084 1.0622	1.1125	1.0988	Ave		1.0350				13.0		30.0			
Acrolein	+++++ 0.5586	+++++ 0.5842	+++++ 0.5407	0.5286	0.5544	Ave		0.5533				3.8		30.0			
1,1-Dichloroethene	1.4732 1.6035	1.2406 1.6635	1.6104 1.5384	1.6853	1.6473	Ave		1.5578				9.3		30.0			
Freon TF	+++++ 3.3129	2.8108 3.4287	3.4908 3.1490	3.5143	3.4256	Ave		3.3046				7.6		30.0			
Acetone	+++++ 1.9984	+++++ 2.0731	+++++ 1.9497	1.9727	2.1100	Ave		2.0208				3.4		30.0			
Isopropyl alcohol	+++++ 2.1497	+++++ 2.2953	+++++ 2.0932	2.2580	2.2191	Ave		2.2031				3.7		30.0			
Carbon disulfide	+++++ 4.4894	+++++ 4.6996	4.5575 4.3789	4.7128	4.6467	Ave		4.5808				2.9		30.0			
Acetonitrile	+++++ 1.0786	+++++ 1.1201	+++++ 1.0688	1.0479	1.0944	Ave		1.0820				2.5		30.0			
3-Chloropropene	+++++ 1.7702	1.6606 1.8566	1.9157 1.7315	1.8071	1.5708	Ave		1.7589				6.7		30.0			
Methylene Chloride	+++++ 1.6087	+++++ 1.6662	1.8791 1.5499	1.7204	1.6567	Ave		1.6802				6.7		30.0			
tert-Butyl alcohol	+++++ 3.0507	+++++ 3.1623	+++++ 2.9809	2.9878	3.1129	Ave		3.0589				2.6		30.0			
Acrylonitrile	+++++ 1.0731	+++++ 1.1166	0.9876 1.0617	1.0563	1.0775	Ave		1.0621				4.0		30.0			
Methyl tert-butyl ether	+++++ 4.5473	3.2530 4.7050	4.2294 4.3778	4.6338	4.5946	Ave		4.3344				11.6		30.0			
trans-1,2-Dichloroethene	1.9327 2.1655	1.6939 2.2507	2.1604 2.0676	2.2706	2.2284	Ave		2.0962				9.4		30.0			
n-Hexane	+++++ 2.4745	1.9284 2.5733	2.3414 2.3974	2.5438	2.5332	Ave		2.3989				9.3		30.0			
1,1-Dichloroethane	2.5942 2.7695	2.2834 2.8585	2.8389 2.6051	2.9192	2.8640	Ave		2.7166				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.: 200-78004-1 Analy Batch No.: 215048

SDG No.:

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

Calibration Start Date: 04/10/2025 18:22 Calibration End Date: 04/11/2025 02:50 Calibration ID: 54929

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Vinyl acetate	+++++ 2.8519	+++++ 2.8952	+++++ 2.9149	2.3038	2.6749	Ave		2.7281				9.4		30.0			
Methyl Ethyl Ketone	+++++ 0.8423	+++++ 0.8804	1.6734 0.8247	0.8225	0.8468	Ave		0.9817				34.6	*	30.0			
cis-1,2-Dichloroethene	1.8023 1.8000	1.5388 1.8663	1.8293 1.7282	1.8886	1.8567	Ave		1.7888				6.3		30.0			
Ethyl acetate	+++++ 0.1622	+++++ 0.1721	+++++ 0.1590	0.1544	0.1625	Ave		0.1621				4.0		30.0			
Tetrahydrofuran	+++++ 0.3174	+++++ 0.3232	+++++ 0.3051	0.3088	0.3161	Ave		0.3141				2.3		30.0			
Chloroform	+++++ 3.2557	2.6680 3.3823	3.3606 3.1688	3.4216	3.3498	Ave		3.2296				8.1		30.0			
1,1,1-Trichloroethane	+++++ 0.6487	0.5209 0.6704	0.6536 0.6304	0.6618	0.6563	Ave		0.6346				8.1		30.0			
Cyclohexane	+++++ 0.4541	0.3222 0.4698	0.4236 0.4415	0.4558	0.4615	Ave		0.4326				11.8		30.0			
Carbon tetrachloride	0.5373 0.6843	0.5200 0.7077	0.6583 0.6685	0.6984	0.6938	Ave		0.6460				11.5		30.0			
Benzene	+++++ 0.9974	0.8127 1.0283	1.0034 0.9644	1.0233	1.0164	Ave		0.9780				7.8		30.0			
1,2-Dichloroethane	+++++ 0.3797	0.2964 0.3945	0.3540 0.3736	0.3868	0.3855	Ave		0.3672				9.2		30.0			
2,2,4-Trimethylpentane	+++++ 1.5467	1.0925 1.5851	1.4041 1.4841	1.5574	1.5609	Ave		1.4616				11.9		30.0			
n-Heptane	+++++ 0.5209	0.4355 0.5360	0.5057 0.5026	0.5247	0.5283	Ave		0.5077				6.7		30.0			
n-Butanol	+++++ 0.2210	+++++ 0.2301	+++++ 0.2201	0.1966	0.2204	Ave		0.2176				5.7		30.0			
Trichloroethene	0.4010 0.4431	0.3520 0.4575	0.4543 0.4257	0.4520	0.4508	Ave		0.4295				8.5		30.0			
1,2-Dichloropropane	+++++ 0.3539	0.2795 0.3616	0.3635 0.3353	0.3601	0.3605	Ave		0.3449				8.8		30.0			
Methyl methacrylate	+++++ 0.3599	+++++ 0.3689	0.2728 0.3542	0.3346	0.3596	Ave		0.3417				10.4		30.0			
1,4-Dioxane	+++++ 0.2127	0.1265 0.2126	0.1846 0.1967	0.2196	0.2299	Ave		0.1975				17.5		30.0			

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

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

Lab Name: Eurofins Burlington Job No.: 200-78004-1 Analy Batch No.: 215048

SDG No.:

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

Calibration Start Date: 04/10/2025 18:22 Calibration End Date: 04/11/2025 02:50 Calibration ID: 54929

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	+++++ 0.4457	0.3760 0.4543	0.4568 0.4222	0.4576	0.4615	Ave		0.4391				7.0		30.0			
Bromodichloromethane	+++++ 0.6839	0.4913 0.7078	0.6525 0.6637	0.6925	0.6878	Ave		0.6542				11.3		30.0			
cis-1,3-Dichloropropene	+++++ 0.6157	0.3899 0.6375	0.5167 0.6047	0.5947	0.6144	Ave		0.5676				15.4		30.0			
methyl isobutyl ketone	+++++ 0.6336	+++++ 0.6626	0.4842 0.6246	0.6095	0.6343	Ave		0.6081				10.4		30.0			
Toluene	+++++ 0.8887	0.6081 0.9064	0.8001 0.8390	0.9190	0.9150	Ave		0.8395				13.2		30.0			
n-Octane	+++++ 0.7225	0.5466 0.7414	0.6726 0.6822	0.7370	0.7349	Ave		0.6910				10.0		30.0			
trans-1,3-Dichloropropene	+++++ 0.4913	0.3051 0.5074	0.4048 0.4798	0.4788	0.4868	Ave		0.4506				16.0		30.0			
1,1,2-Trichloroethane	+++++ 0.4101	0.3098 0.4210	0.3930 0.3941	0.4289	0.4196	Ave		0.3966				10.2		30.0			
Tetrachloroethene	0.7053 0.7867	0.6154 0.8054	0.7929 0.7446	0.8183	0.8082	Ave		0.7596				9.1		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.7132	+++++ 0.7455	0.4951 0.7121	0.6542	0.7246	Ave		0.6741				13.8		30.0			
Dibromochloromethane	+++++ 0.9030	0.6362 0.9392	0.8211 0.8629	0.9146	0.9012	Ave		0.8540				12.1		30.0			
1,2-Dibromoethane	+++++ 0.7830	0.5501 0.8079	0.7293 0.7589	0.7987	0.7973	Ave		0.7465				12.2		30.0			
Chlorobenzene	+++++ 1.2063	0.9896 1.2363	1.2457 1.1444	1.2736	1.2455	Ave		1.1916				8.2		30.0			
Ethylbenzene	+++++ 1.9407	1.3911 1.9837	1.8190 1.8412	2.0167	1.9862	Ave		1.8541				11.7		30.0			
m,p-Xylene	+++++ 0.7570	0.5259 0.7678	0.7177 0.6966	0.8066	0.7818	Ave		0.7219				13.0		30.0			
n-Nonane	+++++ 0.8743	0.6335 0.8913	0.8710 0.8144	0.9461	0.8982	Ave		0.8470				12.0		30.0			
Xylene, o-	+++++ 0.7305	0.4762 0.7457	0.6621 0.6761	0.7611	0.7479	Ave		0.6857				14.5		30.0			
Styrene	+++++ 1.1968	0.6105 1.2151	1.0026 1.1138	1.2556	1.2371	Ave		1.0902				21.0		30.0			

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

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

Lab Name: Eurofins Burlington Job No.: 200-78004-1 Analy Batch No.: 215048

SDG No.:

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

Calibration Start Date: 04/10/2025 18:22 Calibration End Date: 04/11/2025 02:50 Calibration ID: 54929

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	+++++ 0.8901	0.6335 0.9509	0.8284 0.8206	0.9225	0.8478	Ave		0.8420				12.3		30.0			
Cumene	+++++ 2.2363	1.4635 2.2920	1.9799 2.1014	2.3382	2.2850	Ave		2.0995				14.6		30.0			
1,1,2,2-Tetrachloroethane	+++++ 1.0692	0.8208 1.0904	1.0630 1.0141	1.1128	1.0842	Ave		1.0364				9.6		30.0			
1,2,3-Trichloropropane	+++++ 0.8471	+++++ 0.8647	0.8713 0.8067	0.8766	0.8600	Ave		0.8544				3.0		30.0			
n-Propylbenzene	+++++ 2.6605	1.8406 2.7207	2.4828 2.4670	2.7717	2.7117	Ave		2.5222				12.8		30.0			
2-Chlorotoluene	+++++ 1.8371	1.3713 1.8848	1.7373 1.7274	1.9282	1.8769	Ave		1.7661				10.7		30.0			
4-Ethyltoluene	+++++ 2.2143	1.3410 2.2681	2.0144 2.0457	2.3240	2.2660	Ave		2.0676				16.5		30.0			
1,3,5-Trimethylbenzene	+++++ 1.8600	1.1146 1.8915	1.7918 1.6832	1.9725	1.9204	Ave		1.7477				16.9		30.0			
n-Decane	+++++ 1.1430	+++++ 1.1647	1.1796 1.0333	1.2343	1.1838	Ave		1.1564				5.8		30.0			
Alpha Methyl Styrene	+++++ 1.0027	0.4276 1.0291	0.7411 0.9476	1.0004	1.0192	Ave		0.8811				25.4		30.0			
tert-Butylbenzene	+++++ 1.8518	1.3254 1.8915	1.7663 1.7007	1.9721	1.9175	Ave		1.7750				12.3		30.0			
1,2,4-Trimethylbenzene	+++++ 1.8703	1.1643 1.9211	1.7184 1.7535	1.9883	1.9290	Ave		1.7635				16.0		30.0			
sec-Butylbenzene	+++++ 2.7362	1.8747 2.8038	2.6000 2.4960	2.9251	2.8383	Ave		2.6106				13.6		30.0			
1,3-Dichlorobenzene	+++++ 1.3111	1.0049 1.3309	1.3374 1.1938	1.3988	1.3626	Ave		1.2771				10.6		30.0			
4-Isopropyltoluene	+++++ 2.4137	1.5252 2.4567	2.2119 2.1711	2.5638	2.4828	Ave		2.2607				15.7		30.0			
1,4-Dichlorobenzene	+++++ 1.3196	0.9810 1.3550	1.3046 1.2439	1.3911	1.3778	Ave		1.2819				11.1		30.0			
Benzyl chloride	+++++ 1.5558	0.8626 1.6095	1.2238 1.5133	1.6278	1.6108	Ave		1.4291				20.0		30.0			
n-Butylbenzene	+++++ 2.1609	1.3179 2.2102	1.8773 1.9863	2.2730	2.2128	Ave		2.0055				16.7		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.: 200-78004-1 Analy Batch No.: 215048

SDG No.:

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

Calibration Start Date: 04/10/2025 18:22 Calibration End Date: 04/11/2025 02:50 Calibration ID: 54929

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	+++++ 1.2468	0.9692 1.2803	1.2754 1.1698	1.3413	1.2883	Ave		1.2244				10.1		30.0			
n-Undecane	+++++ 1.2994	+++++ 1.3305	+++++ 1.2011	1.3821	1.3402	Ave		1.3106				5.2		30.0			
n-Dodecane	+++++ 1.3198	+++++ 1.3426	+++++ 1.2171	1.3250	1.3690	Ave		1.3147				4.4		30.0			
1,2,4-Trichlorobenzene	+++++ 1.0227	+++++ 1.0602	0.7353 0.9933	1.0236	1.0148	Ave		0.9750				12.2		30.0			
Hexachlorobutadiene	+++++ 1.0972	0.8689 1.1233	1.0143 1.0414	1.1692	1.1466	Ave		1.0659				9.7		30.0			
Naphthalene	+++++ 2.1726	1.0364 2.2963	1.4232 2.1735	2.1151	2.1451	Ave		1.9089				25.2		30.0			
1,2,3-Trichlorobenzene	+++++ 1.0131	+++++ 1.0462	0.8116 0.9881	1.0150	0.9989	Ave		0.9788				8.6		30.0			

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

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

Lab Name: Eurofins Burlington | Job No.: 200-78004-1 | Analy Batch No.: 215048

SDG No.:

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

Calibration Start Date: 04/10/2025 18:22 | Calibration End Date: 04/11/2025 02:50 | Calibration ID: 54929

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-215048/5	64660-05.d
Level 2	IC 200-215048/7	64660-07.d
Level 3	IC 200-215048/8	64660-08.d
Level 4	IC 200-215048/9	64660-09.d
Level 5	ICIS 200-215048/10	64660-10.d
Level 6	IC 200-215048/11	64660-11.d
Level 7	IC 200-215048/14	64660-14.d
Level 8	IC 200-215048/15	64660-15.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	+++++ 448254	+++++ 599447	+++++ 1165562	128235	299213	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 1557877	+++++ 2089647	43872 4001161	446501	1036505	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Freon 22	BCM	Ave	+++++ 853837	+++++ 1139305	24829 2217059	244494	567360	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1645796	15267 2184846	46432 4245916	468335	1091223	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Chloromethane	BCM	Ave	+++++ 512393	+++++ 681993	15542 1342739	145585	338877	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Vinyl chloride	BCM	Ave	1186 459389	4480 618324	13285 1187062	127768	298817	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Butane	BCM	Ave	+++++ 661890	+++++ 893298	19635 1712610	184161	430261	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
1,3-Butadiene	BCM	Ave	919 343975	3162 447741	10033 859499	95859	222857	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Bromomethane	BCM	Ave	+++++ 613175	6096 822504	18014 1597022	175149	412098	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Chloroethane	BCM	Ave	+++++ 353166	+++++ 468605	10058 913580	99932	233563	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Isopentane	BCM	Ave	+++++ 693290	6790 920106	19008 1804567	192869	456721	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 618976	5536 825660	16981 1609097	172944	407593	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 1588191	14522 2119311	45326 4118574	452021	1052822	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Pentane	BCM	Ave	+++++ 1051661	+++++ 1407611	29495 2746328	292457	693565	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Ethanol	BCM	Ave	+++++ 397621	+++++ 794674	101377 1904324	158380	283764	+++++ 20.0	+++++ 40.0	4.26 100.0	8.49	15.0

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

Lab Name: Eurofins Burlington Job No.: 200-78004-1 Analy Batch No.: 215048

SDG No.:

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

Calibration Start Date: 04/10/2025 18:22 Calibration End Date: 04/11/2025 02:50 Calibration ID: 54929

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	+++++ 459713	3484 615705	11494 1214493	126157	298317	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Acrolein	BCM	Ave	+++++ 276829	+++++ 372063	+++++ 723867	70199	176256	+++++ 17.6	+++++ 23.4	+++++ 46.8	4.97	11.7
1,1-Dichloroethene	BCM	Ave	1401 678613	5805 904750	18355 1758936	191109	447220	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Freon TF	BCM	Ave	+++++ 1402076	13152 1864874	39788 3600454	398524	930007	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Acetone	BCM	Ave	+++++ 845766	+++++ 1127543	+++++ 2229198	223702	572843	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Isopropyl alcohol	BCM	Ave	+++++ 1054467	+++++ 1446910	+++++ 2773867	296762	698253	+++++ 17.4	+++++ 23.2	+++++ 46.4	4.92	11.6
Carbon disulfide	BCM	Ave	+++++ 1899999	+++++ 2556122	51946 5006669	534429	1261512	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Acetonitrile	BCM	Ave	+++++ 456498	+++++ 609234	+++++ 1222044	118833	297109	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
3-Chloropropene	BCM	Ave	+++++ 749190	7770 1009791	21835 1979746	204924	426443	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Methylene Chloride	BCM	Ave	+++++ 680807	+++++ 906228	21418 1772095	195093	449758	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 1291103	+++++ 1719944	+++++ 3408260	338819	845103	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Acrylonitrile	BCM	Ave	+++++ 454132	+++++ 607302	11257 1213918	119781	292538	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 1924506	15221 2559025	48206 5005412	525472	1247380	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
trans-1,2-Dichloroethene	BCM	Ave	1838 916475	7926 1224148	24624 2363959	257483	604970	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Hexane	BCM	Ave	+++++ 1047256	9023 1399604	26687 2741104	288470	687727	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,1-Dichloroethane	BCM	Ave	2467 1172103	10684 1554724	32357 2978586	331034	777530	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Vinyl acetate	BCM	Ave	+++++ 1374724	+++++ 1793596	+++++ 3796068	297558	827129	+++++ 17.1	+++++ 22.8	+++++ 45.6	4.83	11.4
Methyl Ethyl Ketone	BCM	Ave	+++++ 356465	+++++ 478860	19073 942911	93268	229907	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
cis-1,2-Dichloroethene	BCM	Ave	1714 761796	7200 1015075	20850 1975966	214169	504080	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Ethyl acetate	BCM	Ave	+++++ 68663	+++++ 93621	+++++ 181818	17508	44108	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Tetrahydrofuran	DFBZ	Ave	+++++	+++++	+++++	184200	449828	+++++	+++++	+++++	4.24	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-78004-1 Analy Batch No.: 215048

SDG No.:

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

Calibration Start Date: 04/10/2025 18:22 Calibration End Date: 04/11/2025 02:50 Calibration ID: 54929

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
			698863	923869	1829608			15.0	20.0	40.0		
Chloroform	BCM	Ave	+++++ 1377874	12484 1839602	38304 3623128	388011	909422	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,1,1-Trichloroethane	DFBZ	Ave	+++++ 1428478	12671 1916579	38766 3780179	394754	933897	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Cyclohexane	DFBZ	Ave	+++++ 999795	7839 1342879	25126 2647916	271871	656778	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Carbon tetrachloride	DFBZ	Ave	2660 1506711	12649 2022964	39045 4008832	416569	987276	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Benzene	DFBZ	Ave	+++++ 2196198	19771 2939483	59517 5783229	610348	1446368	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,2-Dichloroethane	DFBZ	Ave	+++++ 836109	7211 1127644	20999 2240390	230699	548613	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	+++++ 3405823	26577 4531388	83282 8900079	928941	2221283	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Heptane	DFBZ	Ave	+++++ 1147016	10594 1532389	29994 3014013	312983	751773	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Butanol	DFBZ	Ave	+++++ 486665	+++++ 657853	+++++ 1319949	117243	313570	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Trichloroethene	DFBZ	Ave	1985 975665	8562 1307819	26949 2552851	269578	641535	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,2-Dichloropropane	DFBZ	Ave	+++++ 779244	6800 1033720	21559 2010953	214770	512951	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Methyl methacrylate	DFBZ	Ave	+++++ 792400	+++++ 1054605	16183 2124022	199572	511771	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
1,4-Dioxane	DFBZ	Ave	+++++ 468308	3078 607697	10950 1179867	130977	327130	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Dibromomethane	DFBZ	Ave	+++++ 981327	9146 1298807	27096 2531804	272956	656680	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Bromodichloromethane	DFBZ	Ave	+++++ 1505892	11951 2023291	38701 3980170	413088	978703	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
cis-1,3-Dichloropropene	DFBZ	Ave	+++++ 1355715	9484 1822406	30645 3626447	354706	874361	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
methyl isobutyl ketone	DFBZ	Ave	+++++ 1395253	+++++ 1894117	28721 3745700	363523	902597	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Toluene	CBNZd5	Ave	+++++ 1624746	12265 2159865	39198 4175475	450256	1072468	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Octane	DFBZ	Ave	+++++ 1590976	13297 2119422	39896 4090981	439604	1045742	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
trans-1,3-Dichloropropene	DFBZ	Ave	+++++	7423	24010	285595	692771	+++++	0.170	0.425	4.24	10.00

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

Lab Name: Eurofins Burlington | Job No.: 200-78004-1 | Analy Batch No.: 215048

SDG No.:

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

Calibration Start Date: 04/10/2025 18:22 | Calibration End Date: 04/11/2025 02:50 | Calibration ID: 54929

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
			1081806	1450503	2877407			15.0	20.0	40.0		
1,1,2-Trichloroethane	CBNZd 5	Ave	+++++ 749876	6248 1003137	19254 1961433	210131	491837	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Tetrachloroethene	CBNZd 5	Ave	2881 1438304	12412 1919157	38847 3705631	400897	947291	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Methyl Butyl Ketone (2-Hexanone)	CBNZd 5	Ave	+++++ 1304022	+++++ 1776608	24256 3544202	320531	849262	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Dibromochloromethane	CBNZd 5	Ave	+++++ 1651028	12832 2238179	40229 4294402	448112	1056239	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,2-Dibromoethane	CBNZd 5	Ave	+++++ 1431572	11096 1925224	35731 3776966	391294	934555	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Chlorobenzene	CBNZd 5	Ave	+++++ 2205525	19960 2945940	61031 5695742	623983	1459851	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Ethylbenzene	CBNZd 5	Ave	+++++ 3548141	28057 4727160	89115 9163704	988041	2327978	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
m,p-Xylene	CBNZd 5	Ave	+++++ 2768210	21213 3659226	70319 6934184	790385	1832615	+++++ 30.0	0.341 40.0	0.851 80.0	8.49	20.0
n-Nonane	CBNZd 5	Ave	+++++ 1598510	12778 2123887	42671 4053340	463554	1052756	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Xylene, o-	CBNZd 5	Ave	+++++ 1335511	9605 1776959	32439 3365120	372893	876552	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Styrene	CBNZd 5	Ave	+++++ 2188062	12313 2895646	49119 5543514	615181	1449986	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Bromoform	CBNZd 5	Ave	+++++ 1627431	12778 2265932	40586 4084020	451953	993646	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Cumene	CBNZd 5	Ave	+++++ 4088687	29518 5461816	96999 10458799	1145590	2678243	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,1,2,2-Tetrachloroethane	CBNZd 5	Ave	+++++ 1954737	16555 2598393	52081 5047322	545222	1270721	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-78004-1 Analy Batch No.: 215048

SDG No.:

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

Calibration Start Date: 04/10/2025 18:22 Calibration End Date: 04/11/2025 02:50 Calibration ID: 54929

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	CBNZd5	Ave	+++++ 1548786	+++++ 2060461	42689 4014843	429480	1007975	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
n-Propylbenzene	CBNZd5	Ave	+++++ 4864266	37124 6483385	121637 12278086	1357967	3178392	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
2-Chlorotoluene	CBNZd5	Ave	+++++ 3358812	27658 4491470	85112 8597151	944710	2199855	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
4-Ethyltoluene	CBNZd5	Ave	+++++ 4048450	27046 5404718	98692 10181283	1138617	2655911	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,3,5-Trimethylbenzene	CBNZd5	Ave	+++++ 3400657	22481 4507278	87785 8377053	966390	2250882	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Decane	CBNZd5	Ave	+++++ 2089699	+++++ 2775439	57793 5142464	604739	1387506	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Alpha Methyl Styrene	CBNZd5	Ave	+++++ 1833326	8625 2452399	36309 4716185	490124	1194640	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
tert-Butylbenzene	CBNZd5	Ave	+++++ 3385588	26733 4507318	86533 8464129	966223	2247515	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,2,4-Trimethylbenzene	CBNZd5	Ave	+++++ 3419465	23483 4577798	84188 8726928	974146	2260977	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
sec-Butylbenzene	CBNZd5	Ave	+++++ 5002501	37812 6681207	127382 12422373	1433103	3326722	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,3-Dichlorobenzene	CBNZd5	Ave	+++++ 2397041	20269 3171427	65521 5941564	685334	1597135	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
4-Isopropyltoluene	CBNZd5	Ave	+++++ 4412876	30762 5854255	108365 10805256	1256107	2910038	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,4-Dichlorobenzene	CBNZd5	Ave	+++++ 2412707	19786 3229000	63915 6190825	681547	1614844	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Benzyl chloride	CBNZd5	Ave	+++++ 2844430	17397 3835388	59957 7531593	797541	1887963	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-78004-1 Analy Batch No.: 215048

SDG No.:

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

Calibration Start Date: 04/10/2025 18:22 Calibration End Date: 04/11/2025 02:50 Calibration ID: 54929

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	CBNZd5	Ave	+++++ 3950726	26581 5266696	91971 9885899	1113632	2593570	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,2-Dichlorobenzene	CBNZd5	Ave	+++++ 2279459	19548 3050974	62486 5822055	657135	1510036	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Undecane	CBNZd5	Ave	+++++ 2375630	+++++ 3170517	+++++ 5977790	677131	1570842	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
n-Dodecane	CBNZd5	Ave	+++++ 2412915	+++++ 3199252	+++++ 6057448	649184	1604601	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
1,2,4-Trichlorobenzene	CBNZd5	Ave	+++++ 2193247	+++++ 2963410	42259 5798677	588260	1395188	+++++ 17.6	+++++ 23.5	0.499 46.9	4.98	11.7
Hexachlorobutadiene	CBNZd5	Ave	+++++ 2254768	19699 3008776	55856 5825698	643857	1510545	+++++ 16.9	0.192 22.5	0.478 45.0	4.77	11.2
Naphthalene	CBNZd5	Ave	+++++ 4722836	24854 6506087	82904 12861831	1232123	2989480	+++++ 17.8	0.203 23.8	0.506 47.6	5.05	11.9
1,2,3-Trichlorobenzene	CBNZd5	Ave	+++++ 2157907	+++++ 2904403	46325 5729085	579327	1364004	+++++ 17.5	+++++ 23.3	0.496 46.6	4.94	11.6

Curve Type Legend:
Ave = Average ISTD

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

Lab Name: Eurofins Burlington Job No.: 200-78029-1 Analy Batch No.: 215048

SDG No.:

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

Calibration Start Date: 04/10/2025 18:22 Calibration End Date: 04/11/2025 02:50 Calibration ID: 54929

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-215048/5	64660-05.d
Level 2	IC 200-215048/7	64660-07.d
Level 3	IC 200-215048/8	64660-08.d
Level 4	IC 200-215048/9	64660-09.d
Level 5	ICIS 200-215048/10	64660-10.d
Level 6	IC 200-215048/11	64660-11.d
Level 7	IC 200-215048/14	64660-14.d
Level 8	IC 200-215048/15	64660-15.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propene	+++++ 1.0592	+++++ 1.1021	+++++ 1.0194	1.1308	1.1021	Ave		1.0827				4.0		30.0			
Dichlorodifluoromethane	+++++ 3.6810	+++++ 3.8420	3.8491 3.4995	3.9374	3.8179	Ave		3.7712				4.2		30.0			
Chlorodifluoromethane	+++++ 2.0175	+++++ 2.0947	2.1784 1.9391	2.1560	2.0898	Ave		2.0793				4.3		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 3.8888	3.2628 4.0170	4.0737 3.7135	4.1300	4.0195	Ave		3.8722				7.8		30.0			
Chloromethane	+++++ 1.2107	+++++ 1.2539	1.3636 1.1744	1.2838	1.2482	Ave		1.2558				5.2		30.0			
Vinyl chloride	1.2471 1.0855	0.9575 1.1368	1.1656 1.0382	1.1267	1.1007	Ave		1.1073				7.8		30.0			
Butane	+++++ 1.5640	+++++ 1.6424	1.7227 1.4979	1.6240	1.5848	Ave		1.6060				4.8		30.0			
1,3-Butadiene	0.9664 0.8128	0.6758 0.8232	0.8803 0.7517	0.8453	0.8209	Ave		0.8220				10.4		30.0			
Bromomethane	+++++ 1.4488	1.3028 1.5122	1.5805 1.3968	1.5445	1.5179	Ave		1.4719				6.5		30.0			
Chloroethane	+++++ 0.8345	+++++ 0.8616	0.8824 0.7990	0.8812	0.8603	Ave		0.8532				3.7		30.0			
Vinyl bromide	+++++ 1.4626	1.1831 1.5180	1.4898 1.4073	1.5251	1.5013	Ave		1.4411				8.4		30.0			
Trichlorofluoromethane	+++++ 3.7527	3.1036 3.8965	3.9767 3.6022	3.9861	3.8780	Ave		3.7423				8.3		30.0			
Ethanol	+++++ 0.7031	+++++ 0.7304	0.8884 0.6662	0.6979	0.6965	Ave		0.7304				11.0		30.0			

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

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

Lab Name: Eurofins Burlington Job No.: 200-78029-1 Analy Batch No.: 215048

SDG No.:

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

Calibration Start Date: 04/10/2025 18:22 Calibration End Date: 04/11/2025 02:50 Calibration ID: 54929

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								
1,1-Dichloroethene	1.4732 1.6035	1.2406 1.6635	1.6104 1.5384	1.6853	1.6473	Ave		1.5578				9.3		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 3.3129	2.8108 3.4287	3.4908 3.1490	3.5143	3.4256	Ave		3.3046				7.6		30.0			
Acetone	+++++ 1.9984	+++++ 2.0731	+++++ 1.9497	1.9727	2.1100	Ave		2.0208				3.4		30.0			
Isopropanol	+++++ 2.1497	+++++ 2.2953	+++++ 2.0932	2.2580	2.2191	Ave		2.2031				3.7		30.0			
Carbon disulfide	+++++ 4.4894	+++++ 4.6996	4.5575 4.3789	4.7128	4.6467	Ave		4.5808				2.9		30.0			
Allyl chloride	+++++ 1.7702	1.6606 1.8566	1.9157 1.7315	1.8071	1.5708	Ave		1.7589				6.7		30.0			
Methylene Chloride	+++++ 1.6087	+++++ 1.6662	1.8791 1.5499	1.7204	1.6567	Ave		1.6802				6.7		30.0			
tert-Butyl alcohol	+++++ 3.0507	+++++ 3.1623	+++++ 2.9809	2.9878	3.1129	Ave		3.0589				2.6		30.0			
Methyl tert-butyl ether	+++++ 4.5473	3.2530 4.7050	4.2294 4.3778	4.6338	4.5946	Ave		4.3344				11.6		30.0			
1,2-Dichloroethene, trans-	1.9327 2.1655	1.6939 2.2507	2.1604 2.0676	2.2706	2.2284	Ave		2.0962				9.4		30.0			
Hexane	+++++ 2.4745	1.9284 2.5733	2.3414 2.3974	2.5438	2.5332	Ave		2.3989				9.3		30.0			
1,1-Dichloroethane	2.5942 2.7695	2.2834 2.8585	2.8389 2.6051	2.9192	2.8640	Ave		2.7166				7.8		30.0			
Vinyl acetate	+++++ 2.8519	+++++ 2.8952	+++++ 2.9149	2.3038	2.6749	Ave		2.7281				9.4		30.0			
Methyl ethyl ketone (MEK)	+++++ 0.8423	+++++ 0.8804	1.6734 0.8247	0.8225	0.8468	Ave		0.9817				34.6	*	30.0			
1,2-Dichloroethene, cis-	1.8023 1.8000	1.5388 1.8663	1.8293 1.7282	1.8886	1.8567	Ave		1.7888				6.3		30.0			
Ethyl acetate	+++++ 0.1622	+++++ 0.1721	+++++ 0.1590	0.1544	0.1625	Ave		0.1621				4.0		30.0			
Tetrahydrofuran	+++++ 0.3174	+++++ 0.3232	+++++ 0.3051	0.3088	0.3161	Ave		0.3141				2.3		30.0			
Chloroform	+++++ 3.2557	2.6680 3.3823	3.3606 3.1688	3.4216	3.3498	Ave		3.2296				8.1		30.0			

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

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

Lab Name: Eurofins Burlington Job No.: 200-78029-1 Analy Batch No.: 215048

SDG No.:

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

Calibration Start Date: 04/10/2025 18:22 Calibration End Date: 04/11/2025 02:50 Calibration ID: 54929

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								
1,1,1-Trichloroethane	+++++ 0.6487	0.5209 0.6704	0.6536 0.6304	0.6618	0.6563	Ave		0.6346				8.1		30.0			
Cyclohexane	+++++ 0.4541	0.3222 0.4698	0.4236 0.4415	0.4558	0.4615	Ave		0.4326				11.8		30.0			
Carbon tetrachloride	0.5373 0.6843	0.5200 0.7077	0.6583 0.6685	0.6984	0.6938	Ave		0.6460				11.5		30.0			
Benzene	+++++ 0.9974	0.8127 1.0283	1.0034 0.9644	1.0233	1.0164	Ave		0.9780				7.8		30.0			
1,2-Dichloroethane	+++++ 0.3797	0.2964 0.3945	0.3540 0.3736	0.3868	0.3855	Ave		0.3672				9.2		30.0			
2,2,4-Trimethylpentane	+++++ 1.5467	1.0925 1.5851	1.4041 1.4841	1.5574	1.5609	Ave		1.4616				11.9		30.0			
n-Heptane	+++++ 0.5209	0.4355 0.5360	0.5057 0.5026	0.5247	0.5283	Ave		0.5077				6.7		30.0			
Trichloroethene	0.4010 0.4431	0.3520 0.4575	0.4543 0.4257	0.4520	0.4508	Ave		0.4295				8.5		30.0			
1,2-Dichloropropane	+++++ 0.3539	0.2795 0.3616	0.3635 0.3353	0.3601	0.3605	Ave		0.3449				8.8		30.0			
Methyl methacrylate	+++++ 0.3599	+++++ 0.3689	0.2728 0.3542	0.3346	0.3596	Ave		0.3417				10.4		30.0			
1,4-Dioxane	+++++ 0.2127	0.1265 0.2126	0.1846 0.1967	0.2196	0.2299	Ave		0.1975				17.5		30.0			
Bromodichloromethane	+++++ 0.6839	0.4913 0.7078	0.6525 0.6637	0.6925	0.6878	Ave		0.6542				11.3		30.0			
1,3-Dichloropropene, cis-	+++++ 0.6157	0.3899 0.6375	0.5167 0.6047	0.5947	0.6144	Ave		0.5676				15.4		30.0			
Methyl isobutyl ketone (MIBK)	+++++ 0.6336	+++++ 0.6626	0.4842 0.6246	0.6095	0.6343	Ave		0.6081				10.4		30.0			
Toluene	+++++ 0.8887	0.6081 0.9064	0.8001 0.8390	0.9190	0.9150	Ave		0.8395				13.2		30.0			
1,3-Dichloropropene, trans-	+++++ 0.4913	0.3051 0.5074	0.4048 0.4798	0.4788	0.4868	Ave		0.4506				16.0		30.0			
1,1,2-Trichloroethane	+++++ 0.4101	0.3098 0.4210	0.3930 0.3941	0.4289	0.4196	Ave		0.3966				10.2		30.0			
Tetrachloroethene	0.7053 0.7867	0.6154 0.8054	0.7929 0.7446	0.8183	0.8082	Ave		0.7596				9.1		30.0			

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

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

Lab Name: Eurofins Burlington Job No.: 200-78029-1 Analy Batch No.: 215048

SDG No.:

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

Calibration Start Date: 04/10/2025 18:22 Calibration End Date: 04/11/2025 02:50 Calibration ID: 54929

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								
2-Hexanone	+++++ 0.7132	+++++ 0.7455	0.4951 0.7121	0.6542	0.7246	Ave		0.6741				13.8		30.0			
Dibromochloromethane	+++++ 0.9030	0.6362 0.9392	0.8211 0.8629	0.9146	0.9012	Ave		0.8540				12.1		30.0			
1,2-Dibromoethane	+++++ 0.7830	0.5501 0.8079	0.7293 0.7589	0.7987	0.7973	Ave		0.7465				12.2		30.0			
Chlorobenzene	+++++ 1.2063	0.9896 1.2363	1.2457 1.1444	1.2736	1.2455	Ave		1.1916				8.2		30.0			
Ethylbenzene	+++++ 1.9407	1.3911 1.9837	1.8190 1.8412	2.0167	1.9862	Ave		1.8541				11.7		30.0			
m,p-Xylene	+++++ 0.7570	0.5259 0.7678	0.7177 0.6966	0.8066	0.7818	Ave		0.7219				13.0		30.0			
Xylene, o-	+++++ 0.7305	0.4762 0.7457	0.6621 0.6761	0.7611	0.7479	Ave		0.6857				14.5		30.0			
Styrene	+++++ 1.1968	0.6105 1.2151	1.0026 1.1138	1.2556	1.2371	Ave		1.0902				21.0		30.0			
Bromoform	+++++ 0.8901	0.6335 0.9509	0.8284 0.8206	0.9225	0.8478	Ave		0.8420				12.3		30.0			
Isopropylbenzene	+++++ 2.2363	1.4635 2.2920	1.9799 2.1014	2.3382	2.2850	Ave		2.0995				14.6		30.0			
1,1,2,2-Tetrachloroethane	+++++ 1.0692	0.8208 1.0904	1.0630 1.0141	1.1128	1.0842	Ave		1.0364				9.6		30.0			
N-Propylbenzene	+++++ 2.6605	1.8406 2.7207	2.4828 2.4670	2.7717	2.7117	Ave		2.5222				12.8		30.0			
2-Chlorotoluene	+++++ 1.8371	1.3713 1.8848	1.7373 1.7274	1.9282	1.8769	Ave		1.7661				10.7		30.0			
4-Ethyltoluene	+++++ 2.2143	1.3410 2.2681	2.0144 2.0457	2.3240	2.2660	Ave		2.0676				16.5		30.0			
1,3,5-Trimethylbenzene	+++++ 1.8600	1.1146 1.8915	1.7918 1.6832	1.9725	1.9204	Ave		1.7477				16.9		30.0			
tert-Butylbenzene	+++++ 1.8518	1.3254 1.8915	1.7663 1.7007	1.9721	1.9175	Ave		1.7750				12.3		30.0			
1,2,4-Trimethylbenzene	+++++ 1.8703	1.1643 1.9211	1.7184 1.7535	1.9883	1.9290	Ave		1.7635				16.0		30.0			
sec-Butylbenzene	+++++ 2.7362	1.8747 2.8038	2.6000 2.4960	2.9251	2.8383	Ave		2.6106				13.6		30.0			

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

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

Lab Name: Eurofins Burlington Job No.: 200-78029-1 Analy Batch No.: 215048

SDG No.:

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

Calibration Start Date: 04/10/2025 18:22 Calibration End Date: 04/11/2025 02:50 Calibration ID: 54929

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								
1,3-Dichlorobenzene	+++++ 1.3111	1.0049 1.3309	1.3374 1.1938	1.3988	1.3626	Ave		1.2771				10.6		30.0			
4-Isopropyltoluene	+++++ 2.4137	1.5252 2.4567	2.2119 2.1711	2.5638	2.4828	Ave		2.2607				15.7		30.0			
1,4-Dichlorobenzene	+++++ 1.3196	0.9810 1.3550	1.3046 1.2439	1.3911	1.3778	Ave		1.2819				11.1		30.0			
Benzyl chloride	+++++ 1.5558	0.8626 1.6095	1.2238 1.5133	1.6278	1.6108	Ave		1.4291				20.0		30.0			
n-Butylbenzene	+++++ 2.1609	1.3179 2.2102	1.8773 1.9863	2.2730	2.2128	Ave		2.0055				16.7		30.0			
1,2-Dichlorobenzene	+++++ 1.2468	0.9692 1.2803	1.2754 1.1698	1.3413	1.2883	Ave		1.2244				10.1		30.0			
1,2,4-Trichlorobenzene	+++++ 1.0227	+++++ 1.0602	0.7353 0.9933	1.0236	1.0148	Ave		0.9750				12.2		30.0			
Hexachlorobutadiene	+++++ 1.0972	0.8689 1.1233	1.0143 1.0414	1.1692	1.1466	Ave		1.0659				9.7		30.0			
Naphthalene	+++++ 2.1726	1.0364 2.2963	1.4232 2.1735	2.1151	2.1451	Ave		1.9089				25.2		30.0			

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

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

Lab Name: Eurofins Burlington | Job No.: 200-78029-1 | Analy Batch No.: 215048

SDG No.:

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

Calibration Start Date: 04/10/2025 18:22 | Calibration End Date: 04/11/2025 02:50 | Calibration ID: 54929

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-215048/5	64660-05.d
Level 2	IC 200-215048/7	64660-07.d
Level 3	IC 200-215048/8	64660-08.d
Level 4	IC 200-215048/9	64660-09.d
Level 5	ICIS 200-215048/10	64660-10.d
Level 6	IC 200-215048/11	64660-11.d
Level 7	IC 200-215048/14	64660-14.d
Level 8	IC 200-215048/15	64660-15.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
Propene	BCM	Ave	+++++ 448254	+++++ 599447	+++++ 1165562	128235	299213	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 1557877	+++++ 2089647	43872 4001161	446501	1036505	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Chlorodifluoromethane	BCM	Ave	+++++ 853837	+++++ 1139305	24829 2217059	244494	567360	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1645796	15267 2184846	46432 4245916	468335	1091223	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Chloromethane	BCM	Ave	+++++ 512393	+++++ 681993	15542 1342739	145585	338877	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Vinyl chloride	BCM	Ave	1186 459389	4480 618324	13285 1187062	127768	298817	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Butane	BCM	Ave	+++++ 661890	+++++ 893298	19635 1712610	184161	430261	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
1,3-Butadiene	BCM	Ave	919 343975	3162 447741	10033 859499	95859	222857	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Bromomethane	BCM	Ave	+++++ 613175	6096 822504	18014 1597022	175149	412098	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Chloroethane	BCM	Ave	+++++ 353166	+++++ 468605	10058 913580	99932	233563	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Vinyl bromide	BCM	Ave	+++++ 618976	5536 825660	16981 1609097	172944	407593	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 1588191	14522 2119311	45326 4118574	452021	1052822	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Ethanol	BCM	Ave	+++++ 397621	+++++ 794674	101377 1904324	158380	283764	+++++ 20.0	+++++ 40.0	4.26 100.0	8.49	15.0
1,1-Dichloroethene	BCM	Ave	1401 678613	5805 904750	18355 1758936	191109	447220	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,1,2-Trichloro-1,2,2-trifluoroethane	BCM	Ave	+++++	13152	39788	398524	930007	+++++	0.170	0.425	4.24	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-78029-1 Analy Batch No.: 215048

SDG No.:

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

Calibration Start Date: 04/10/2025 18:22 Calibration End Date: 04/11/2025 02:50 Calibration ID: 54929

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
			1402076	1864874	3600454			15.0	20.0	40.0		
Acetone	BCM	Ave	+++++ 845766	+++++ 1127543	+++++ 2229198	223702	572843	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Isopropanol	BCM	Ave	+++++ 1054467	+++++ 1446910	+++++ 2773867	296762	698253	+++++ 17.4	+++++ 23.2	+++++ 46.4	4.92	11.6
Carbon disulfide	BCM	Ave	+++++ 1899999	+++++ 2556122	51946 5006669	534429	1261512	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Allyl chloride	BCM	Ave	+++++ 749190	7770 1009791	21835 1979746	204924	426443	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Methylene Chloride	BCM	Ave	+++++ 680807	+++++ 906228	21418 1772095	195093	449758	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 1291103	+++++ 1719944	+++++ 3408260	338819	845103	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 1924506	15221 2559025	48206 5005412	525472	1247380	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,2-Dichloroethene, trans-	BCM	Ave	1838 916475	7926 1224148	24624 2363959	257483	604970	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Hexane	BCM	Ave	+++++ 1047256	9023 1399604	26687 2741104	288470	687727	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,1-Dichloroethane	BCM	Ave	2467 1172103	10684 1554724	32357 2978586	331034	777530	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Vinyl acetate	BCM	Ave	+++++ 1374724	+++++ 1793596	+++++ 3796068	297558	827129	+++++ 17.1	+++++ 22.8	+++++ 45.6	4.83	11.4
Methyl ethyl ketone (MEK)	BCM	Ave	+++++ 356465	+++++ 478860	19073 942911	93268	229907	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
1,2-Dichloroethene, cis-	BCM	Ave	1714 761796	7200 1015075	20850 1975966	214169	504080	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Ethyl acetate	BCM	Ave	+++++ 68663	+++++ 93621	+++++ 181818	17508	44108	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Tetrahydrofuran	DFBZ	Ave	+++++ 698863	+++++ 923869	+++++ 1829608	184200	449828	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Chloroform	BCM	Ave	+++++ 1377874	12484 1839602	38304 3623128	388011	909422	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,1,1-Trichloroethane	DFBZ	Ave	+++++ 1428478	12671 1916579	38766 3780179	394754	933897	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Cyclohexane	DFBZ	Ave	+++++ 999795	7839 1342879	25126 2647916	271871	656778	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Carbon tetrachloride	DFBZ	Ave	2660 1506711	12649 2022964	39045 4008832	416569	987276	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Benzene	DFBZ	Ave	+++++ 2196198	19771 2939483	59517 5783229	610348	1446368	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-78029-1 Analy Batch No.: 215048

SDG No.:

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

Calibration Start Date: 04/10/2025 18:22 Calibration End Date: 04/11/2025 02:50 Calibration ID: 54929

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-Dichloroethane	DFBZ	Ave	+++++ 836109	7211 1127644	20999 2240390	230699	548613	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	+++++ 3405823	26577 4531388	83282 8900079	928941	2221283	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Heptane	DFBZ	Ave	+++++ 1147016	10594 1532389	29994 3014013	312983	751773	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Trichloroethene	DFBZ	Ave	1985 975665	8562 1307819	26949 2552851	269578	641535	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,2-Dichloropropane	DFBZ	Ave	+++++ 779244	6800 1033720	21559 2010953	214770	512951	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Methyl methacrylate	DFBZ	Ave	+++++ 792400	+++++ 1054605	16183 2124022	199572	511771	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
1,4-Dioxane	DFBZ	Ave	+++++ 468308	3078 607697	10950 1179867	130977	327130	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Bromodichloromethane	DFBZ	Ave	+++++ 1505892	11951 2023291	38701 3980170	413088	978703	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,3-Dichloropropene, cis-	DFBZ	Ave	+++++ 1355715	9484 1822406	30645 3626447	354706	874361	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Methyl isobutyl ketone (MIBK)	DFBZ	Ave	+++++ 1395253	+++++ 1894117	28721 3745700	363523	902597	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Toluene	CBNZd5	Ave	+++++ 1624746	12265 2159865	39198 4175475	450256	1072468	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,3-Dichloropropene, trans-	DFBZ	Ave	+++++ 1081806	7423 1450503	24010 2877407	285595	692771	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 749876	6248 1003137	19254 1961433	210131	491837	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Tetrachloroethene	CBNZd5	Ave	2881 1438304	12412 1919157	38847 3705631	400897	947291	0.0351 15.0	0.170 20.0	0.425 40.0	4.24	10.00
2-Hexanone	CBNZd5	Ave	+++++ 1304022	+++++ 1776608	24256 3544202	320531	849262	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Dibromochloromethane	CBNZd5	Ave	+++++ 1651028	12832 2238179	40229 4294402	448112	1056239	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,2-Dibromoethane	CBNZd5	Ave	+++++ 1431572	11096 1925224	35731 3776966	391294	934555	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Chlorobenzene	CBNZd5	Ave	+++++	19960	61031	623983	1459851	+++++	0.170	0.425	4.24	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-78029-1 Analy Batch No.: 215048

SDG No.:

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

Calibration Start Date: 04/10/2025 18:22 Calibration End Date: 04/11/2025 02:50 Calibration ID: 54929

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
			2205525	2945940	5695742			15.0	20.0	40.0		
Ethylbenzene	CBNZd5	Ave	+++++ 3548141	28057 4727160	89115 9163704	988041	2327978	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
m,p-Xylene	CBNZd5	Ave	+++++ 2768210	21213 3659226	70319 6934184	790385	1832615	+++++ 30.0	0.341 40.0	0.851 80.0	8.49	20.0
Xylene, o-	CBNZd5	Ave	+++++ 1335511	9605 1776959	32439 3365120	372893	876552	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Styrene	CBNZd5	Ave	+++++ 2188062	12313 2895646	49119 5543514	615181	1449986	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Bromoform	CBNZd5	Ave	+++++ 1627431	12778 2265932	40586 4084020	451953	993646	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Isopropylbenzene	CBNZd5	Ave	+++++ 4088687	29518 5461816	96999 10458799	1145590	2678243	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,1,2,2-Tetrachloroethane	CBNZd5	Ave	+++++ 1954737	16555 2598393	52081 5047322	545222	1270721	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
N-Propylbenzene	CBNZd5	Ave	+++++ 4864266	37124 6483385	121637 12278086	1357967	3178392	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
2-Chlorotoluene	CBNZd5	Ave	+++++ 3358812	27658 4491470	85112 8597151	944710	2199855	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
4-Ethyltoluene	CBNZd5	Ave	+++++ 4048450	27046 5404718	98692 10181283	1138617	2655911	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,3,5-Trimethylbenzene	CBNZd5	Ave	+++++ 3400657	22481 4507278	87785 8377053	966390	2250882	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
tert-Butylbenzene	CBNZd5	Ave	+++++ 3385588	26733 4507318	86533 8464129	966223	2247515	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,2,4-Trimethylbenzene	CBNZd5	Ave	+++++ 3419465	23483 4577798	84188 8726928	974146	2260977	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
sec-Butylbenzene	CBNZd5	Ave	+++++ 5002501	37812 6681207	127382 12422373	1433103	3326722	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-78029-1 Analy Batch No.: 215048

SDG No.:

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

Calibration Start Date: 04/10/2025 18:22 Calibration End Date: 04/11/2025 02:50 Calibration ID: 54929

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
1,3-Dichlorobenzene	CBNZd5	Ave	+++++ 2397041	20269 3171427	65521 5941564	685334	1597135	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
4-Isopropyltoluene	CBNZd5	Ave	+++++ 4412876	30762 5854255	108365 10805256	1256107	2910038	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,4-Dichlorobenzene	CBNZd5	Ave	+++++ 2412707	19786 3229000	63915 6190825	681547	1614844	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
Benzyl chloride	CBNZd5	Ave	+++++ 2844430	17397 3835388	59957 7531593	797541	1887963	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
n-Butylbenzene	CBNZd5	Ave	+++++ 3950726	26581 5266696	91971 9885899	1113632	2593570	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,2-Dichlorobenzene	CBNZd5	Ave	+++++ 2279459	19548 3050974	62486 5822055	657135	1510036	+++++ 15.0	0.170 20.0	0.425 40.0	4.24	10.00
1,2,4-Trichlorobenzene	CBNZd5	Ave	+++++ 2193247	+++++ 2963410	42259 5798677	588260	1395188	+++++ 17.6	+++++ 23.5	0.499 46.9	4.98	11.7
Hexachlorobutadiene	CBNZd5	Ave	+++++ 2254768	19699 3008776	55856 5825698	643857	1510545	+++++ 16.9	0.192 22.5	0.478 45.0	4.77	11.2
Naphthalene	CBNZd5	Ave	+++++ 4722836	24854 6506087	82904 12861831	1232123	2989480	+++++ 17.8	0.203 23.8	0.506 47.6	5.05	11.9

Curve Type Legend:
Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-77862-1

SDG No.:

Lab Sample ID: ICV 200-215201/22 Calibration Date: 04/16/2025 11:40

Instrument ID: CHAN.i Calib Start Date: 04/15/2025 19:37

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/16/2025 10:13

Lab File ID: 64733_022.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	2.903	2.826		9.73	10.0	-2.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.871	2.937		10.2	10.0	2.3	30.0
Chloromethane	Ave	0.9851	1.000		10.2	10.0	1.5	30.0
Vinyl chloride	Ave	1.018	1.036		10.2	10.0	1.8	30.0
1,3-Butadiene	Ave	0.7352	0.7694		10.5	10.0	4.7	30.0
Bromomethane	Ave	0.9849	1.010		10.2	10.0	2.5	30.0
Chloroethane	Ave	0.5707	0.5782		10.1	10.0	1.3	30.0
Vinyl bromide	Ave	0.9158	0.9573		10.5	10.0	4.5	30.0
Trichlorofluoromethane	Ave	2.447	2.390		9.76	10.0	-2.3	30.0
Ethanol	Ave	0.4898	0.5056		15.5	15.0	3.2	30.0
1,1-Dichloroethene	Ave	1.038	0.9419		9.07	10.0	-9.2	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.945	1.893		9.73	10.0	-2.7	30.0
Acetone	Ave	1.544	1.517		9.82	10.0	-1.8	30.0
Isopropanol	Ave	1.573	1.812		11.5	10.0	15.2	30.0
Carbon disulfide	Ave	2.859	2.756		9.64	10.0	-3.6	30.0
Allyl chloride	Ave	1.100	1.045		9.50	10.0	-5.0	30.0
Methylene Chloride	Ave	1.112	1.058		9.52	10.0	-4.8	30.0
tert-Butyl alcohol	Ave	2.140	2.009		9.38	10.0	-6.1	30.0
1,2-Dichloroethene, trans-	Ave	1.386	1.412		10.2	10.0	1.9	30.0
Methyl tert-butyl ether	Ave	2.740	2.744		10.0	10.0	0.2	30.0
Hexane	Ave	1.418	1.447		10.2	10.0	2.1	30.0
1,1-Dichloroethane	Ave	1.703	1.690		9.92	10.0	-0.8	30.0
Methyl ethyl ketone (MEK)	Ave	0.5860	0.4773		8.14	10.0	-18.6	30.0
1,2-Dichloroethene, cis-	Ave	0.9862	0.9702		9.84	10.0	-1.6	30.0
Tetrahydrofuran	Ave	0.2083	0.1985		9.53	10.0	-4.7	30.0
Chloroform	Ave	2.035	2.016		9.91	10.0	-0.9	30.0
1,1,1-Trichloroethane	Ave	0.4138	0.3972		9.60	10.0	-4.0	30.0
Cyclohexane	Ave	0.2495	0.2493		9.99	10.0	-0.0	30.0
Carbon tetrachloride	Ave	0.3975	0.3836		9.65	10.0	-3.5	30.0
Benzene	Ave	0.5956	0.5962		10.0	10.0	0.1	30.0
1,2-Dichloroethane	Ave	0.2941	0.2875		9.77	10.0	-2.2	30.0
2,2,4-Trimethylpentane	Ave	0.9111	0.9274		10.2	10.0	1.8	30.0
n-Heptane	Ave	0.3457	0.3455		9.99	10.0	-0.0	30.0
Trichloroethene	Ave	0.2591	0.2611		10.1	10.0	0.8	30.0
1,2-Dichloropropane	Ave	0.2179	0.2210		10.1	10.0	1.4	30.0
Methyl methacrylate	Ave	0.2160	0.2133		9.87	10.0	-1.2	30.0
1,4-Dioxane	Ave	0.1199	0.1133		9.45	10.0	-5.5	30.0
Bromodichloromethane	Ave	0.4475	0.4439		9.92	10.0	-0.8	30.0
1,3-Dichloropropene, cis-	Ave	0.3830	0.3854		10.1	10.0	0.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-77862-1

SDG No.:

Lab Sample ID: ICV 200-215201/22 Calibration Date: 04/16/2025 11:40

Instrument ID: CHAN.i Calib Start Date: 04/15/2025 19:37

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/16/2025 10:13

Lab File ID: 64733_022.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
Methyl isobutyl ketone (MIBK)	Ave	0.4520	0.4479		9.91	10.0	-0.9	30.0
Toluene	Ave	0.4736	0.4758		10.0	10.0	0.5	30.0
1,3-Dichloropropene, trans-	Ave	0.3091	0.3363		10.9	10.0	8.8	30.0
1,1,2-Trichloroethane	Ave	0.2398	0.2454		10.2	10.0	2.3	30.0
Tetrachloroethene	Ave	0.2970	0.3129		10.5	10.0	5.3	30.0
2-Hexanone	Ave	0.4781	0.4871		10.2	10.0	1.9	30.0
Dibromochloromethane	Ave	0.4567	0.4477		9.80	10.0	-2.0	30.0
1,2-Dibromoethane	Ave	0.4200	0.4248		10.1	10.0	1.1	30.0
Chlorobenzene	Ave	0.6029	0.6013		9.97	10.0	-0.3	30.0
Ethylbenzene	Ave	1.051	1.065		10.1	10.0	1.3	30.0
m,p-Xylene	Ave	0.3811	0.3862		20.3	20.0	1.4	30.0
Xylene, o-	Ave	0.3718	0.3772		10.1	10.0	1.4	30.0
Styrene	Ave	0.5964	0.6280		10.5	10.0	5.3	30.0
Bromoform	Ave	0.3784	0.3645		9.63	10.0	-3.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6234	0.6316		10.1	10.0	1.3	30.0
2-Chlorotoluene	Ave	0.8799	0.8779		9.98	10.0	-0.2	30.0
4-Ethyltoluene	Ave	1.096	1.127		10.3	10.0	2.7	30.0
1,3,5-Trimethylbenzene	Ave	0.9260	0.9437		10.2	10.0	1.9	30.0
1,2,4-Trimethylbenzene	Ave	0.9411	0.9457		10.0	10.0	0.5	30.0
1,3-Dichlorobenzene	Ave	0.5681	0.5694		10.0	10.0	0.2	30.0
1,4-Dichlorobenzene	Ave	0.5653	0.5742		10.2	10.0	1.6	30.0
1,2-Dichlorobenzene	Ave	0.5475	0.5461		9.97	10.0	-0.3	30.0
1,2,4-Trichlorobenzene	Ave	0.3528	0.4103		11.6	10.0	16.3	30.0
Hexachlorobutadiene	Ave	0.2931	0.3190		10.9	10.0	8.8	30.0
Naphthalene	Ave	0.8969	1.050		11.7	10.0	17.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-77862-1

SDG No.:

Lab Sample ID: CCVIS 200-215821/2 Calibration Date: 05/05/2025 07:42

Instrument ID: CHAN.i Calib Start Date: 04/15/2025 19:37

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/16/2025 10:13

Lab File ID: 64994_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
Dichlorodifluoromethane	Ave	2.903	3.532		12.2	10.0	21.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.871	3.361		11.7	10.0	17.1	30.0
Chloromethane	Ave	0.9851	1.172		11.9	10.0	18.9	30.0
Vinyl chloride	Ave	1.018	1.225		12.0	10.0	20.3	30.0
1,3-Butadiene	Ave	0.7352	0.9201		12.5	10.0	25.2	30.0
Bromomethane	Ave	0.9849	1.067		10.8	10.0	8.3	30.0
Chloroethane	Ave	0.5707	0.6291		11.0	10.0	10.2	30.0
Vinyl bromide	Ave	0.9158	0.9926		10.8	10.0	8.4	30.0
Trichlorofluoromethane	Ave	2.447	2.939		12.0	10.0	20.1	30.0
Ethanol	Ave	0.4898	0.5035		15.4	15.0	2.8	30.0
1,1-Dichloroethene	Ave	1.038	1.051		10.1	10.0	1.2	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.945	2.171		11.2	10.0	11.6	30.0
Acetone	Ave	1.544	2.007		13.0	10.0	29.9	30.0
Isopropanol	Ave	1.573	1.942		14.3	11.6	23.5	30.0
Carbon disulfide	Ave	2.859	3.159		11.0	10.0	10.5	30.0
Allyl chloride	Ave	1.100	1.239		11.3	10.0	12.6	30.0
Methylene Chloride	Ave	1.112	1.306		11.8	10.0	17.5	30.0
tert-Butyl alcohol	Ave	2.140	2.613		12.2	10.0	22.1	30.0
1,2-Dichloroethene, trans-	Ave	1.386	1.671		12.1	10.0	20.5	30.0
Methyl tert-butyl ether	Ave	2.740	3.286		12.0	10.0	19.9	30.0
Hexane	Ave	1.418	1.647		11.6	10.0	16.1	30.0
1,1-Dichloroethane	Ave	1.703	2.061		12.1	10.0	21.0	30.0
Methyl ethyl ketone (MEK)	Ave	0.5860	0.5561		9.49	10.0	-5.1	30.0
1,2-Dichloroethene, cis-	Ave	0.9862	1.108		11.2	10.0	12.4	30.0
Tetrahydrofuran	Ave	0.2083	0.2501		12.0	10.0	20.1	30.0
Chloroform	Ave	2.035	2.437		12.0	10.0	19.8	30.0
1,1,1-Trichloroethane	Ave	0.4138	0.4924		11.9	10.0	19.0	30.0
Cyclohexane	Ave	0.2495	0.2810		11.3	10.0	12.6	30.0
Carbon tetrachloride	Ave	0.3975	0.4717		11.9	10.0	18.7	30.0
Benzene	Ave	0.5956	0.6653		11.2	10.0	11.7	30.0
1,2-Dichloroethane	Ave	0.2941	0.3794		12.9	10.0	29.0	30.0
2,2,4-Trimethylpentane	Ave	0.9111	1.063		11.7	10.0	16.7	30.0
n-Heptane	Ave	0.3457	0.4120		11.9	10.0	19.2	30.0
Trichloroethene	Ave	0.2591	0.2964		11.4	10.0	14.4	30.0
1,2-Dichloropropane	Ave	0.2179	0.2509		11.5	10.0	15.1	30.0
Methyl methacrylate	Ave	0.2160	0.2480		11.5	10.0	14.8	30.0
1,4-Dioxane	Ave	0.1199	0.1428		11.9	10.0	19.1	30.0
Bromodichloromethane	Ave	0.4475	0.5374		12.0	10.0	20.1	30.0
1,3-Dichloropropene, cis-	Ave	0.3830	0.4534		11.8	10.0	18.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-77862-1

SDG No.:

Lab Sample ID: CCVIS 200-215821/2 Calibration Date: 05/05/2025 07:42

Instrument ID: CHAN.i Calib Start Date: 04/15/2025 19:37

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/16/2025 10:13

Lab File ID: 64994_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
Methyl isobutyl ketone (MIBK)	Ave	0.4520	0.5571		12.3	10.0	23.2	30.0
Toluene	Ave	0.4736	0.5360		11.3	10.0	13.2	30.0
1,3-Dichloropropene, trans-	Ave	0.3091	0.3785		12.2	10.0	22.4	30.0
1,1,2-Trichloroethane	Ave	0.2398	0.2772		11.6	10.0	15.6	30.0
Tetrachloroethene	Ave	0.2970	0.3391		11.4	10.0	14.2	30.0
2-Hexanone	Ave	0.4781	0.6171		12.9	10.0	29.1	30.0
Dibromochloromethane	Ave	0.4567	0.5268		11.5	10.0	15.4	30.0
1,2-Dibromoethane	Ave	0.4200	0.4786		11.4	10.0	13.9	30.0
Chlorobenzene	Ave	0.6029	0.6734		11.2	10.0	11.7	30.0
Ethylbenzene	Ave	1.051	1.223		11.6	10.0	16.3	30.0
m,p-Xylene	Ave	0.3811	0.4337		22.8	20.0	13.8	30.0
Xylene, o-	Ave	0.3718	0.4222		11.4	10.0	13.5	30.0
Styrene	Ave	0.5964	0.7110		11.9	10.0	19.2	30.0
Bromoform	Ave	0.3784	0.4151		11.0	10.0	9.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6234	0.7206		11.6	10.0	15.6	30.0
2-Chlorotoluene	Ave	0.8799	1.036		11.8	10.0	17.8	30.0
4-Ethyltoluene	Ave	1.096	1.288		11.7	10.0	17.5	30.0
1,3,5-Trimethylbenzene	Ave	0.9260	1.104		11.9	10.0	19.3	30.0
1,2,4-Trimethylbenzene	Ave	0.9411	1.113		11.8	10.0	18.2	30.0
1,3-Dichlorobenzene	Ave	0.5681	0.6412		11.3	10.0	12.9	30.0
1,4-Dichlorobenzene	Ave	0.5653	0.6375		11.3	10.0	12.8	30.0
1,2-Dichlorobenzene	Ave	0.5475	0.6131		11.2	10.0	12.0	30.0
1,2,4-Trichlorobenzene	Ave	0.3528	0.3699		12.3	11.7	4.9	30.0
Hexachlorobutadiene	Ave	0.2931	0.3256		12.5	11.2	11.1	30.0
Naphthalene	Ave	0.8969	1.013		13.4	11.9	12.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-77863-1

SDG No.:

Lab Sample ID: ICV 200-215201/22 Calibration Date: 04/16/2025 11:40

Instrument ID: CHAN.i Calib Start Date: 04/15/2025 19:37

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/16/2025 10:13

Lab File ID: 64733_022.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	0.9072	0.9123		10.1	10.0	0.6	30.0
Dichlorodifluoromethane	Ave	2.903	2.826		9.73	10.0	-2.7	30.0
Freon 22	Ave	1.759	1.758		9.99	10.0	-0.0	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.871	2.937		10.2	10.0	2.3	30.0
Chloromethane	Ave	0.9851	1.000		10.2	10.0	1.5	30.0
Vinyl chloride	Ave	1.018	1.036		10.2	10.0	1.8	30.0
n-Butane	Ave	1.438	1.446		10.1	10.0	0.5	30.0
1,3-Butadiene	Ave	0.7352	0.7694		10.5	10.0	4.7	30.0
Bromomethane	Ave	0.9849	1.010		10.2	10.0	2.5	30.0
Chloroethane	Ave	0.5707	0.5782		10.1	10.0	1.3	30.0
Isopentane	Ave	1.096	1.151		10.5	10.0	5.0	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9158	0.9573		10.5	10.0	4.5	30.0
Trichlorofluoromethane	Ave	2.447	2.390		9.76	10.0	-2.3	30.0
n-Pentane	Ave	1.652	1.650		9.99	10.0	-0.1	30.0
Ethanol	Ave	0.4898	0.5056		15.5	15.0	3.2	30.0
Ethyl ether	Ave	0.6796	0.6991		10.3	10.0	2.9	30.0
Acrolein	Ave	0.3694	0.4052		11.0	10.0	9.7	30.0
1,1-Dichloroethene	Ave	1.038	0.9419		9.07	10.0	-9.2	30.0
Freon TF	Ave	1.945	1.893		9.73	10.0	-2.7	30.0
Acetone	Ave	1.544	1.517		9.82	10.0	-1.8	30.0
Isopropyl alcohol	Ave	1.573	1.812		11.5	10.0	15.2	30.0
Carbon disulfide	Ave	2.859	2.756		9.64	10.0	-3.6	30.0
Acetonitrile	Ave	0.7143	0.6191		8.67	10.0	-13.3	30.0
3-Chloropropene	Ave	1.100	1.045		9.50	10.0	-5.0	30.0
Methylene Chloride	Ave	1.112	1.058		9.52	10.0	-4.8	30.0
tert-Butyl alcohol	Ave	2.140	2.009		9.38	10.0	-6.1	30.0
Acrylonitrile	Ave	0.6654	0.6467		9.72	10.0	-2.8	30.0
trans-1,2-Dichloroethene	Ave	1.386	1.412		10.2	10.0	1.9	30.0
Methyl tert-butyl ether	Ave	2.740	2.744		10.0	10.0	0.2	30.0
n-Hexane	Ave	1.418	1.447		10.2	10.0	2.1	30.0
1,1-Dichloroethane	Ave	1.703	1.690		9.92	10.0	-0.8	30.0
Vinyl acetate	Ave	2.207	2.440		11.1	10.0	10.6	30.0
Methyl Ethyl Ketone	Ave	0.5860	0.4773		8.14	10.0	-18.6	30.0
cis-1,2-Dichloroethene	Ave	0.9862	0.9702		9.84	10.0	-1.6	30.0
Ethyl acetate	Ave	0.0865	0.0878		10.2	10.0	1.5	30.0
Tetrahydrofuran	Ave	0.2083	0.1985		9.53	10.0	-4.7	30.0
Chloroform	Ave	2.035	2.016		9.91	10.0	-0.9	30.0
1,1,1-Trichloroethane	Ave	0.4138	0.3972		9.60	10.0	-4.0	30.0
Cyclohexane	Ave	0.2495	0.2493		9.99	10.0	-0.0	30.0
Carbon tetrachloride	Ave	0.3975	0.3836		9.65	10.0	-3.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-77863-1

SDG No.:

Lab Sample ID: ICV 200-215201/22 Calibration Date: 04/16/2025 11:40

Instrument ID: CHAN.i Calib Start Date: 04/15/2025 19:37

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/16/2025 10:13

Lab File ID: 64733_022.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.5956	0.5962		10.0	10.0	0.1	30.0
1,2-Dichloroethane	Ave	0.2941	0.2875		9.77	10.0	-2.2	30.0
2,2,4-Trimethylpentane	Ave	0.9111	0.9274		10.2	10.0	1.8	30.0
n-Heptane	Ave	0.3457	0.3455		9.99	10.0	-0.0	30.0
n-Butanol	Ave	0.1499	0.1283		8.56	10.0	-14.4	30.0
Trichloroethene	Ave	0.2591	0.2611		10.1	10.0	0.8	30.0
1,2-Dichloropropane	Ave	0.2179	0.2210		10.1	10.0	1.4	30.0
Methyl methacrylate	Ave	0.2160	0.2133		9.87	10.0	-1.2	30.0
1,4-Dioxane	Ave	0.1199	0.1133		9.45	10.0	-5.5	30.0
Dibromomethane	Ave	0.1962	0.1887		9.62	10.0	-3.8	30.0
Bromodichloromethane	Ave	0.4475	0.4439		9.92	10.0	-0.8	30.0
cis-1,3-Dichloropropene	Ave	0.3830	0.3854		10.1	10.0	0.6	30.0
methyl isobutyl ketone	Ave	0.4520	0.4479		9.91	10.0	-0.9	30.0
Toluene	Ave	0.4736	0.4758		10.0	10.0	0.5	30.0
n-Octane	Ave	0.4679	0.4735		10.1	10.0	1.2	30.0
trans-1,3-Dichloropropene	Ave	0.3091	0.3363		10.9	10.0	8.8	30.0
1,1,2-Trichloroethane	Ave	0.2398	0.2454		10.2	10.0	2.3	30.0
Tetrachloroethene	Ave	0.2970	0.3129		10.5	10.0	5.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4781	0.4871		10.2	10.0	1.9	30.0
Dibromochloromethane	Ave	0.4567	0.4477		9.80	10.0	-2.0	30.0
1,2-Dibromoethane	Ave	0.4200	0.4248		10.1	10.0	1.1	30.0
Chlorobenzene	Ave	0.6029	0.6013		9.97	10.0	-0.3	30.0
Ethylbenzene	Ave	1.051	1.065		10.1	10.0	1.3	30.0
m,p-Xylene	Ave	0.3811	0.3862		20.3	20.0	1.4	30.0
n-Nonane	Ave	0.5173	0.5301		10.2	10.0	2.5	30.0
Xylene, o-	Ave	0.3718	0.3772		10.1	10.0	1.4	30.0
Styrene	Ave	0.5964	0.6280		10.5	10.0	5.3	30.0
Bromoform	Ave	0.3784	0.3645		9.63	10.0	-3.7	30.0
Cumene	Ave	1.136	1.137		10.0	10.0	0.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6234	0.6316		10.1	10.0	1.3	30.0
1,2,3-Trichloropropane	Ave	0.5101	0.4995		9.79	10.0	-2.1	30.0
n-Propylbenzene	Ave	1.401	1.427		10.2	10.0	1.8	30.0
2-Chlorotoluene	Ave	0.8799	0.8779		9.98	10.0	-0.2	30.0
4-Ethyltoluene	Ave	1.096	1.127		10.3	10.0	2.7	30.0
1,3,5-Trimethylbenzene	Ave	0.9260	0.9437		10.2	10.0	1.9	30.0
n-Decane	Ave	0.6844	0.6812		9.95	10.0	-0.5	30.0
Alpha Methyl Styrene	Ave	0.4538	0.4710		10.4	10.0	3.8	30.0
tert-Butylbenzene	Ave	0.8849	0.8681		9.81	10.0	-1.9	30.0
1,2,4-Trimethylbenzene	Ave	0.9411	0.9457		10.0	10.0	0.5	30.0
sec-Butylbenzene	Ave	1.389	1.396		10.1	10.0	0.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-77863-1

SDG No.:

Lab Sample ID: ICV 200-215201/22 Calibration Date: 04/16/2025 11:40

Instrument ID: CHAN.i Calib Start Date: 04/15/2025 19:37

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/16/2025 10:13

Lab File ID: 64733_022.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	0.5681	0.5694		10.0	10.0	0.2	30.0
4-Isopropyltoluene	Ave	1.122	1.107		9.87	10.0	-1.3	30.0
1,4-Dichlorobenzene	Ave	0.5653	0.5742		10.2	10.0	1.6	30.0
Benzyl chloride	Ave	0.8992	0.8884		9.88	10.0	-1.2	30.0
n-Butylbenzene	Ave	1.169	1.189		10.2	10.0	1.7	30.0
1,2-Dichlorobenzene	Ave	0.5475	0.5461		9.97	10.0	-0.3	30.0
n-Undecane	Ave	0.7617	0.7393		9.70	10.0	-2.9	30.0
n-Dodecane	Ave	0.7058	0.6546		9.27	10.0	-7.2	30.0
1,2,4-Trichlorobenzene	Ave	0.3528	0.4103		11.6	10.0	16.3	30.0
Hexachlorobutadiene	Ave	0.2931	0.3190		10.9	10.0	8.8	30.0
Naphthalene	Ave	0.8969	1.050		11.7	10.0	17.1	30.0
1,2,3-Trichlorobenzene	Ave	0.3403	0.3436		10.1	10.0	1.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-77863-1

SDG No.:

Lab Sample ID: CCVIS 200-215773/2 Calibration Date: 05/02/2025 08:14

Instrument ID: CHAN.i Calib Start Date: 04/15/2025 19:37

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/16/2025 10:13

Lab File ID: 64975_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	0.9072	1.049		11.6	10.0	15.6	30.0
Dichlorodifluoromethane	Ave	2.903	3.544		12.2	10.0	22.1	30.0
Freon 22	Ave	1.759	2.134		12.1	10.0	21.4	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.871	3.241		11.3	10.0	12.9	30.0
Chloromethane	Ave	0.9851	1.095		11.1	10.0	11.1	30.0
Vinyl chloride	Ave	1.018	1.171		11.5	10.0	14.9	30.0
n-Butane	Ave	1.438	1.704		11.8	10.0	18.5	30.0
1,3-Butadiene	Ave	0.7352	0.8709		11.8	10.0	18.5	30.0
Bromomethane	Ave	0.9849	1.010		10.2	10.0	2.5	30.0
Chloroethane	Ave	0.5707	0.5823		10.2	10.0	2.0	30.0
Isopentane	Ave	1.096	1.169		10.7	10.0	6.7	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9158	0.9435		10.3	10.0	3.0	30.0
Trichlorofluoromethane	Ave	2.447	2.966		12.1	10.0	21.2	30.0
n-Pentane	Ave	1.652	1.746		10.6	10.0	5.7	30.0
Ethanol	Ave	0.4898	0.4538		13.9	15.0	-7.3	30.0
Ethyl ether	Ave	0.6796	0.7473		11.0	10.0	10.0	30.0
Acrolein	Ave	0.3694	0.3652		11.6	11.7	-1.1	30.0
1,1-Dichloroethene	Ave	1.038	1.003		9.66	10.0	-3.3	30.0
Freon TF	Ave	1.945	2.084		10.7	10.0	7.1	30.0
Acetone	Ave	1.544	1.905		12.3	10.0	23.3	30.0
Isopropyl alcohol	Ave	1.573	1.798		13.2	11.6	14.3	30.0
Carbon disulfide	Ave	2.859	2.960		10.3	10.0	3.5	30.0
Acetonitrile	Ave	0.7143	0.7587		10.6	10.0	6.2	30.0
3-Chloropropene	Ave	1.100	1.138		10.3	10.0	3.4	30.0
Methylene Chloride	Ave	1.112	1.232		11.1	10.0	10.8	30.0
tert-Butyl alcohol	Ave	2.140	2.473		11.6	10.0	15.6	30.0
Acrylonitrile	Ave	0.6654	0.7144		10.7	10.0	7.4	30.0
trans-1,2-Dichloroethene	Ave	1.386	1.588		11.5	10.0	14.5	30.0
Methyl tert-butyl ether	Ave	2.740	3.133		11.4	10.0	14.4	30.0
n-Hexane	Ave	1.418	1.518		10.7	10.0	7.1	30.0
1,1-Dichloroethane	Ave	1.703	1.925		11.3	10.0	13.1	30.0
Vinyl acetate	Ave	2.207	2.500		12.9	11.4	13.3	30.0
Methyl Ethyl Ketone	Ave	0.5860	0.5130		8.75	10.0	-12.5	30.0
cis-1,2-Dichloroethene	Ave	0.9862	1.050		10.6	10.0	6.5	30.0
Ethyl acetate	Ave	0.0865	0.0857		9.91	10.0	-0.9	30.0
Tetrahydrofuran	Ave	0.2083	0.2278		10.9	10.0	9.4	30.0
Chloroform	Ave	2.035	2.352		11.6	10.0	15.6	30.0
1,1,1-Trichloroethane	Ave	0.4138	0.4977		12.0	10.0	20.3	30.0
Cyclohexane	Ave	0.2495	0.2630		10.5	10.0	5.4	30.0
Carbon tetrachloride	Ave	0.3975	0.4825		12.1	10.0	21.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-77863-1

SDG No.:

Lab Sample ID: CCVIS 200-215773/2 Calibration Date: 05/02/2025 08:14

Instrument ID: CHAN.i Calib Start Date: 04/15/2025 19:37

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/16/2025 10:13

Lab File ID: 64975_002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.5956	0.6311		10.6	10.0	6.0	30.0
1,2-Dichloroethane	Ave	0.2941	0.3775		12.8	10.0	28.4	30.0
2,2,4-Trimethylpentane	Ave	0.9111	0.9833		10.8	10.0	7.9	30.0
n-Heptane	Ave	0.3457	0.3786		11.0	10.0	9.5	30.0
n-Butanol	Ave	0.1499	0.1608		10.7	10.0	7.3	30.0
Trichloroethene	Ave	0.2591	0.2870		11.1	10.0	10.7	30.0
1,2-Dichloropropane	Ave	0.2179	0.2342		10.7	10.0	7.5	30.0
Methyl methacrylate	Ave	0.2160	0.2355		10.9	10.0	9.0	30.0
1,4-Dioxane	Ave	0.1199	0.1366		11.4	10.0	13.9	30.0
Dibromomethane	Ave	0.1962	0.2014		10.3	10.0	2.7	30.0
Bromodichloromethane	Ave	0.4475	0.5287		11.8	10.0	18.1	30.0
cis-1,3-Dichloropropene	Ave	0.3830	0.4322		11.3	10.0	12.8	30.0
methyl isobutyl ketone	Ave	0.4520	0.5187		11.5	10.0	14.7	30.0
Toluene	Ave	0.4736	0.5018		10.6	10.0	5.9	30.0
n-Octane	Ave	0.4679	0.5321		11.4	10.0	13.7	30.0
trans-1,3-Dichloropropene	Ave	0.3091	0.3697		12.0	10.0	19.6	30.0
1,1,2-Trichloroethane	Ave	0.2398	0.2578		10.7	10.0	7.5	30.0
Tetrachloroethene	Ave	0.2970	0.3295		11.1	10.0	10.9	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4781	0.5649		11.8	10.0	18.2	30.0
Dibromochloromethane	Ave	0.4567	0.5124		11.2	10.0	12.2	30.0
1,2-Dibromoethane	Ave	0.4200	0.4579		10.9	10.0	9.0	30.0
Chlorobenzene	Ave	0.6029	0.6395		10.6	10.0	6.1	30.0
Ethylbenzene	Ave	1.051	1.161		11.0	10.0	10.4	30.0
m,p-Xylene	Ave	0.3811	0.4133		21.7	20.0	8.5	30.0
n-Nonane	Ave	0.5173	0.5719		11.1	10.0	10.5	30.0
Xylene, o-	Ave	0.3718	0.3999		10.8	10.0	7.5	30.0
Styrene	Ave	0.5964	0.6762		11.3	10.0	13.4	30.0
Bromoform	Ave	0.3784	0.4090		10.8	10.0	8.1	30.0
Cumene	Ave	1.136	1.275		11.2	10.0	12.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6234	0.6816		10.9	10.0	9.3	30.0
1,2,3-Trichloropropane	Ave	0.5101	0.5660		11.1	10.0	11.0	30.0
n-Propylbenzene	Ave	1.401	1.591		11.4	10.0	13.5	30.0
2-Chlorotoluene	Ave	0.8799	0.997		11.3	10.0	13.3	30.0
4-Ethyltoluene	Ave	1.096	1.244		11.3	10.0	13.5	30.0
1,3,5-Trimethylbenzene	Ave	0.9260	1.069		11.5	10.0	15.4	30.0
n-Decane	Ave	0.6844	0.7584		11.1	10.0	10.8	30.0
Alpha Methyl Styrene	Ave	0.4538	0.5223		11.5	10.0	15.1	30.0
tert-Butylbenzene	Ave	0.8849	0.9898		11.2	10.0	11.9	30.0
1,2,4-Trimethylbenzene	Ave	0.9411	1.087		11.5	10.0	15.5	30.0
sec-Butylbenzene	Ave	1.389	1.581		11.4	10.0	13.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-77863-1

SDG No.:

Lab Sample ID: CCVIS 200-215773/2 Calibration Date: 05/02/2025 08:14

Instrument ID: CHAN.i Calib Start Date: 04/15/2025 19:37

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/16/2025 10:13

Lab File ID: 64975_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	0.5681	0.6259		11.0	10.0	10.2	30.0
4-Isopropyltoluene	Ave	1.122	1.287		11.5	10.0	14.8	30.0
1,4-Dichlorobenzene	Ave	0.5653	0.6270		11.1	10.0	10.9	30.0
Benzyl chloride	Ave	0.8992	1.028		11.4	10.0	14.3	30.0
n-Butylbenzene	Ave	1.169	1.374		11.7	10.0	17.5	30.0
1,2-Dichlorobenzene	Ave	0.5475	0.6026		11.0	10.0	10.1	30.0
n-Undecane	Ave	0.7617	0.8581		11.3	10.0	12.7	30.0
n-Dodecane	Ave	0.7058	0.7536		10.7	10.0	6.8	30.0
1,2,4-Trichlorobenzene	Ave	0.3528	0.3571		11.9	11.7	1.2	30.0
Hexachlorobutadiene	Ave	0.2931	0.3254		12.5	11.2	11.0	30.0
Naphthalene	Ave	0.8969	0.9791		13.0	11.9	9.2	30.0
1,2,3-Trichlorobenzene	Ave	0.3403	0.3410		11.7	11.6	0.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78004-1

SDG No.:

Lab Sample ID: ICV 200-215048/19 Calibration Date: 04/11/2025 06:13

Instrument ID: CHW.i Calib Start Date: 04/10/2025 18:22

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/11/2025 02:50

Lab File ID: 64660-19.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.083	1.109		10.2	10.0	2.4	30.0
Dichlorodifluoromethane	Ave	3.771	3.884		10.3	10.0	3.0	30.0
Freon 22	Ave	2.079	2.122		10.2	10.0	2.1	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.872	4.067		10.5	10.0	5.0	30.0
Chloromethane	Ave	1.256	1.255		9.99	10.0	-0.0	30.0
Vinyl chloride	Ave	1.107	1.148		10.4	10.0	3.7	30.0
n-Butane	Ave	1.606	1.642		10.2	10.0	2.3	30.0
1,3-Butadiene	Ave	0.8220	0.8630		10.5	10.0	5.0	30.0
Bromomethane	Ave	1.472	1.516		10.3	10.0	3.0	30.0
Chloroethane	Ave	0.8532	0.8683		10.2	10.0	1.8	30.0
Isopentane	Ave	1.630	1.708		10.5	10.0	4.8	30.0
Bromoethene(Vinyl Bromide)	Ave	1.441	1.553		10.8	10.0	7.8	30.0
Trichlorofluoromethane	Ave	3.742	3.940		10.5	10.0	5.3	30.0
n-Pentane	Ave	2.533	2.514		9.92	10.0	-0.7	30.0
Ethanol	Ave	0.7304	0.7068		14.5	15.0	-3.2	30.0
Ethyl ether	Ave	1.035	1.107		10.7	10.0	6.9	30.0
Acrolein	Ave	0.5533	0.6122		11.1	10.0	10.6	30.0
1,1-Dichloroethene	Ave	1.558	1.627		10.4	10.0	4.4	30.0
Freon TF	Ave	3.305	3.333		10.1	10.0	0.8	30.0
Acetone	Ave	2.021	2.005		9.92	10.0	-0.8	30.0
Isopropyl alcohol	Ave	2.203	2.320		10.5	10.0	5.3	30.0
Carbon disulfide	Ave	4.581	4.513		9.85	10.0	-1.5	30.0
Acetonitrile	Ave	1.082	0.9377		8.67	10.0	-13.3	30.0
3-Chloropropene	Ave	1.759	1.629		9.26	10.0	-7.4	30.0
Methylene Chloride	Ave	1.680	1.628		9.69	10.0	-3.1	30.0
tert-Butyl alcohol	Ave	3.059	3.016		9.86	10.0	-1.4	30.0
Acrylonitrile	Ave	1.062	1.024		9.64	10.0	-3.6	30.0
Methyl tert-butyl ether	Ave	4.334	4.724		10.9	10.0	9.0	30.0
trans-1,2-Dichloroethene	Ave	2.096	2.282		10.9	10.0	8.9	30.0
n-Hexane	Ave	2.399	2.543		10.6	10.0	6.0	30.0
1,1-Dichloroethane	Ave	2.717	2.796		10.3	10.0	2.9	30.0
Vinyl acetate	Ave	2.728	3.016		11.1	10.0	10.6	30.0
Methyl Ethyl Ketone	Ave	0.9817	0.8403		8.56	10.0	-14.4	30.0
cis-1,2-Dichloroethene	Ave	1.789	1.788		9.99	10.0	-0.0	30.0
Ethyl acetate	Ave	0.1621	0.1725		10.6	10.0	6.5	30.0
Tetrahydrofuran	Ave	0.3141	0.3117		9.92	10.0	-0.8	30.0
Chloroform	Ave	3.230	3.370		10.4	10.0	4.3	30.0
1,1,1-Trichloroethane	Ave	0.6346	0.6705		10.6	10.0	5.7	30.0
Cyclohexane	Ave	0.4326	0.4606		10.6	10.0	6.4	30.0
Carbon tetrachloride	Ave	0.6460	0.7022		10.9	10.0	8.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78004-1

SDG No.:

Lab Sample ID: ICV 200-215048/19 Calibration Date: 04/11/2025 06:13

Instrument ID: CHW.i Calib Start Date: 04/10/2025 18:22

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/11/2025 02:50

Lab File ID: 64660-19.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.9780	1.023		10.5	10.0	4.6	30.0
1,2-Dichloroethane	Ave	0.3672	0.3936		10.7	10.0	7.2	30.0
2,2,4-Trimethylpentane	Ave	1.462	1.571		10.7	10.0	7.5	30.0
n-Heptane	Ave	0.5077	0.5370		10.6	10.0	5.8	30.0
n-Butanol	Ave	0.2176	0.1852		8.51	10.0	-14.9	30.0
Trichloroethene	Ave	0.4295	0.4575		10.6	10.0	6.5	30.0
1,2-Dichloropropane	Ave	0.3449	0.3607		10.5	10.0	4.6	30.0
Methyl methacrylate	Ave	0.3417	0.3615		10.6	10.0	5.8	30.0
1,4-Dioxane	Ave	0.1975	0.2035		10.3	10.0	3.0	30.0
Dibromomethane	Ave	0.4391	0.4624		10.5	10.0	5.3	30.0
Bromodichloromethane	Ave	0.6542	0.6990		10.7	10.0	6.8	30.0
cis-1,3-Dichloropropene	Ave	0.5676	0.6200		10.9	10.0	9.2	30.0
methyl isobutyl ketone	Ave	0.6081	0.6519		10.7	10.0	7.2	30.0
Toluene	Ave	0.8395	0.8971		10.7	10.0	6.9	30.0
n-Octane	Ave	0.6910	0.7463		10.8	10.0	8.0	30.0
trans-1,3-Dichloropropene	Ave	0.4506	0.5376		11.9	10.0	19.3	30.0
1,1,2-Trichloroethane	Ave	0.3966	0.4209		10.6	10.0	6.1	30.0
Tetrachloroethene	Ave	0.7596	0.7987		10.5	10.0	5.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.6741	0.7318		10.9	10.0	8.6	30.0
Dibromochloromethane	Ave	0.8540	0.8817		10.3	10.0	3.2	30.0
1,2-Dibromoethane	Ave	0.7465	0.7848		10.5	10.0	5.1	30.0
Chlorobenzene	Ave	1.192	1.236		10.4	10.0	3.7	30.0
Ethylbenzene	Ave	1.854	1.978		10.7	10.0	6.7	30.0
m,p-Xylene	Ave	0.7219	0.7756		21.5	20.0	7.4	30.0
n-Nonane	Ave	0.8470	0.8947		10.6	10.0	5.6	30.0
Xylene, o-	Ave	0.6857	0.7475		10.9	10.0	9.0	30.0
Styrene	Ave	1.090	1.227		11.3	10.0	12.6	30.0
Bromoform	Ave	0.8420	0.8417		9.99	10.0	-0.0	30.0
Cumene	Ave	2.099	2.272		10.8	10.0	8.2	30.0
1,1,2,2-Tetrachloroethane	Ave	1.036	1.072		10.3	10.0	3.5	30.0
1,2,3-Trichloropropane	Ave	0.8544	0.8565		10.0	10.0	0.2	30.0
n-Propylbenzene	Ave	2.522	2.705		10.7	10.0	7.3	30.0
2-Chlorotoluene	Ave	1.766	1.885		10.7	10.0	6.7	30.0
4-Ethyltoluene	Ave	2.068	2.289		11.1	10.0	10.7	30.0
1,3,5-Trimethylbenzene	Ave	1.748	1.911		10.9	10.0	9.4	30.0
n-Decane	Ave	1.156	1.176		10.2	10.0	1.7	30.0
Alpha Methyl Styrene	Ave	0.8811	1.001		11.4	10.0	13.6	30.0
tert-Butylbenzene	Ave	1.775	1.887		10.6	10.0	6.3	30.0
1,2,4-Trimethylbenzene	Ave	1.764	1.913		10.8	10.0	8.5	30.0
sec-Butylbenzene	Ave	2.611	2.812		10.8	10.0	7.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78004-1

SDG No.:

Lab Sample ID: ICV 200-215048/19 Calibration Date: 04/11/2025 06:13

Instrument ID: CHW.i Calib Start Date: 04/10/2025 18:22

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/11/2025 02:50

Lab File ID: 64660-19.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	1.277	1.352		10.6	10.0	5.9	30.0
4-Isopropyltoluene	Ave	2.261	2.419		10.7	10.0	7.0	30.0
1,4-Dichlorobenzene	Ave	1.282	1.382		10.8	10.0	7.8	30.0
Benzyl chloride	Ave	1.429	1.587		11.1	10.0	11.0	30.0
n-Butylbenzene	Ave	2.005	2.195		10.9	10.0	9.4	30.0
1,2-Dichlorobenzene	Ave	1.224	1.290		10.5	10.0	5.3	30.0
n-Undecane	Ave	1.311	1.304		9.95	10.0	-0.5	30.0
n-Dodecane	Ave	1.315	1.293		9.83	10.0	-1.7	30.0
1,2,4-Trichlorobenzene	Ave	0.9750	1.237		12.7	10.0	26.8	30.0
Hexachlorobutadiene	Ave	1.066	1.243		11.7	10.0	16.6	30.0
Naphthalene	Ave	1.909	2.462		12.9	10.0	29.0	30.0
1,2,3-Trichlorobenzene	Ave	0.9788	1.057		10.8	10.0	8.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78004-1

SDG No.:

Lab Sample ID: CCVIS 200-216245/3 Calibration Date: 05/16/2025 09:20

Instrument ID: CHW.i Calib Start Date: 04/10/2025 18:22

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/11/2025 02:50

Lab File ID: 65160-03.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.083	0.9827		9.07	10.0	-9.2	30.0
Dichlorodifluoromethane	Ave	3.771	3.714		9.85	10.0	-1.5	30.0
Freon 22	Ave	2.079	2.031		9.76	10.0	-2.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.872	3.969		10.2	10.0	2.5	30.0
Chloromethane	Ave	1.256	1.151		9.17	10.0	-8.3	30.0
Vinyl chloride	Ave	1.107	0.9601		8.67	10.0	-13.3	30.0
n-Butane	Ave	1.606	1.303		8.11	10.0	-18.9	30.0
1,3-Butadiene	Ave	0.8220	0.6801		8.27	10.0	-17.3	30.0
Bromomethane	Ave	1.472	1.437		9.76	10.0	-2.4	30.0
Chloroethane	Ave	0.8532	0.7706		9.03	10.0	-9.7	30.0
Isopentane	Ave	1.630	1.407		8.63	10.0	-13.7	30.0
Bromoethene(Vinyl Bromide)	Ave	1.441	1.433		9.94	10.0	-0.5	30.0
Trichlorofluoromethane	Ave	3.742	3.861		10.3	10.0	3.2	30.0
n-Pentane	Ave	2.533	2.144		8.46	10.0	-15.4	30.0
Ethanol	Ave	0.7304	0.6404		13.2	15.0	-12.3	30.0
Ethyl ether	Ave	1.035	0.9705		9.38	10.0	-6.2	30.0
Acrolein	Ave	0.5533	0.4773		10.1	11.7	-13.7	30.0
1,1-Dichloroethene	Ave	1.558	1.537		9.86	10.0	-1.3	30.0
Freon TF	Ave	3.305	3.417		10.3	10.0	3.4	30.0
Acetone	Ave	2.021	1.973		9.76	10.0	-2.4	30.0
Isopropyl alcohol	Ave	2.203	1.918		10.1	11.6	-12.9	30.0
Carbon disulfide	Ave	4.581	4.396		9.59	10.0	-4.0	30.0
Acetonitrile	Ave	1.082	0.9646		8.91	10.0	-10.8	30.0
3-Chloropropene	Ave	1.759	1.342		7.63	10.0	-23.7	30.0
Methylene Chloride	Ave	1.680	1.527		9.09	10.0	-9.1	30.0
tert-Butyl alcohol	Ave	3.059	2.743		8.97	10.0	-10.3	30.0
Acrylonitrile	Ave	1.062	0.9557		9.00	10.0	-10.0	30.0
Methyl tert-butyl ether	Ave	4.334	4.232		9.76	10.0	-2.4	30.0
trans-1,2-Dichloroethene	Ave	2.096	2.122		10.1	10.0	1.2	30.0
n-Hexane	Ave	2.399	2.225		9.28	10.0	-7.2	30.0
1,1-Dichloroethane	Ave	2.717	2.726		10.0	10.0	0.3	30.0
Vinyl acetate	Ave	2.728	2.297		9.59	11.4	-15.8	30.0
Methyl Ethyl Ketone	Ave	0.9817	0.7597		7.74	10.0	-22.6	30.0
cis-1,2-Dichloroethene	Ave	1.789	1.772		9.91	10.0	-0.9	30.0
Ethyl acetate	Ave	0.1621	0.1580		9.75	10.0	-2.5	30.0
Tetrahydrofuran	Ave	0.3141	0.2868		9.13	10.0	-8.7	30.0
Chloroform	Ave	3.230	3.217		9.96	10.0	-0.4	30.0
1,1,1-Trichloroethane	Ave	0.6346	0.6805		10.7	10.0	7.2	30.0
Cyclohexane	Ave	0.4326	0.4455		10.3	10.0	3.0	30.0
Carbon tetrachloride	Ave	0.6460	0.7451		11.5	10.0	15.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78004-1

SDG No.:

Lab Sample ID: CCVIS 200-216245/3 Calibration Date: 05/16/2025 09:20

Instrument ID: CHW.i Calib Start Date: 04/10/2025 18:22

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/11/2025 02:50

Lab File ID: 65160-03.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.9780	0.9856		10.1	10.0	0.8	30.0
1,2-Dichloroethane	Ave	0.3672	0.4045		11.0	10.0	10.1	30.0
2,2,4-Trimethylpentane	Ave	1.462	1.493		10.2	10.0	2.1	30.0
n-Heptane	Ave	0.5077	0.4930		9.71	10.0	-2.9	30.0
n-Butanol	Ave	0.2176	0.2082		9.57	10.0	-4.3	30.0
Trichloroethene	Ave	0.4295	0.4602		10.7	10.0	7.1	30.0
1,2-Dichloropropane	Ave	0.3449	0.3550		10.3	10.0	2.9	30.0
Methyl methacrylate	Ave	0.3417	0.3493		10.2	10.0	2.2	30.0
1,4-Dioxane	Ave	0.1975	0.2262		11.4	10.0	14.5	30.0
Dibromomethane	Ave	0.4391	0.5211		11.9	10.0	18.7	30.0
Bromodichloromethane	Ave	0.6542	0.6936		10.6	10.0	6.0	30.0
cis-1,3-Dichloropropene	Ave	0.5676	0.5852		10.3	10.0	3.1	30.0
methyl isobutyl ketone	Ave	0.6081	0.5833		9.59	10.0	-4.1	30.0
Toluene	Ave	0.8395	0.8412		10.0	10.0	0.2	30.0
n-Octane	Ave	0.6910	0.7074		10.2	10.0	2.4	30.0
trans-1,3-Dichloropropene	Ave	0.4506	0.4901		10.9	10.0	8.8	30.0
1,1,2-Trichloroethane	Ave	0.3966	0.3881		9.78	10.0	-2.1	30.0
Tetrachloroethene	Ave	0.7596	0.7980		10.5	10.0	5.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.6741	0.6244		9.26	10.0	-7.4	30.0
Dibromochloromethane	Ave	0.8540	0.8432		9.87	10.0	-1.3	30.0
1,2-Dibromoethane	Ave	0.7465	0.7465		10.0	10.0	0.0	30.0
Chlorobenzene	Ave	1.192	1.202		10.1	10.0	0.9	30.0
Ethylbenzene	Ave	1.854	1.864		10.1	10.0	0.5	30.0
m,p-Xylene	Ave	0.7219	0.7613		21.1	20.0	5.5	30.0
n-Nonane	Ave	0.8470	0.8557		10.1	10.0	1.0	30.0
Xylene, o-	Ave	0.6857	0.7100		10.4	10.0	3.5	30.0
Styrene	Ave	1.090	1.204		11.0	10.0	10.4	30.0
Bromoform	Ave	0.8420	0.7655		9.09	10.0	-9.1	30.0
Cumene	Ave	2.099	2.190		10.4	10.0	4.3	30.0
1,1,2,2-Tetrachloroethane	Ave	1.036	1.022		9.86	10.0	-1.3	30.0
1,2,3-Trichloropropane	Ave	0.8544	0.8281		9.69	10.0	-3.1	30.0
n-Propylbenzene	Ave	2.522	2.608		10.3	10.0	3.4	30.0
2-Chlorotoluene	Ave	1.766	1.835		10.4	10.0	3.9	30.0
4-Ethyltoluene	Ave	2.068	2.240		10.8	10.0	8.3	30.0
1,3,5-Trimethylbenzene	Ave	1.748	1.915		11.0	10.0	9.6	30.0
n-Decane	Ave	1.156	1.143		9.88	10.0	-1.2	30.0
Alpha Methyl Styrene	Ave	0.8811	0.9838		11.2	10.0	11.7	30.0
tert-Butylbenzene	Ave	1.775	1.935		10.9	10.0	9.0	30.0
1,2,4-Trimethylbenzene	Ave	1.764	1.944		11.0	10.0	10.3	30.0
sec-Butylbenzene	Ave	2.611	2.829		10.8	10.0	8.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78004-1

SDG No.:

Lab Sample ID: CCVIS 200-216245/3 Calibration Date: 05/16/2025 09:20

Instrument ID: CHW.i Calib Start Date: 04/10/2025 18:22

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/11/2025 02:50

Lab File ID: 65160-03.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	1.277	1.389		10.9	10.0	8.8	30.0
4-Isopropyltoluene	Ave	2.261	2.506		11.1	10.0	10.9	30.0
1,4-Dichlorobenzene	Ave	1.282	1.402		10.9	10.0	9.4	30.0
Benzyl chloride	Ave	1.429	1.462		10.2	10.0	2.3	30.0
n-Butylbenzene	Ave	2.005	2.165		10.8	10.0	7.9	30.0
1,2-Dichlorobenzene	Ave	1.224	1.317		10.8	10.0	7.5	30.0
n-Undecane	Ave	1.311	1.297		9.89	10.0	-1.0	30.0
n-Dodecane	Ave	1.315	1.183		9.00	10.0	-10.0	30.0
1,2,4-Trichlorobenzene	Ave	0.9750	1.004		12.1	11.7	3.0	30.0
Hexachlorobutadiene	Ave	1.066	1.203		12.7	11.2	12.8	30.0
Naphthalene	Ave	1.909	1.986		12.4	11.9	4.0	30.0
1,2,3-Trichlorobenzene	Ave	0.9788	0.9892		11.8	11.6	1.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78029-1

SDG No.:

Lab Sample ID: ICV 200-215048/19 Calibration Date: 04/11/2025 06:13

Instrument ID: CHW.i Calib Start Date: 04/10/2025 18:22

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/11/2025 02:50

Lab File ID: 64660-19.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	3.771	3.884		10.3	10.0	3.0	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.872	4.067		10.5	10.0	5.0	30.0
Chloromethane	Ave	1.256	1.255		9.99	10.0	-0.0	30.0
Vinyl chloride	Ave	1.107	1.148		10.4	10.0	3.7	30.0
1,3-Butadiene	Ave	0.8220	0.8630		10.5	10.0	5.0	30.0
Bromomethane	Ave	1.472	1.516		10.3	10.0	3.0	30.0
Chloroethane	Ave	0.8532	0.8683		10.2	10.0	1.8	30.0
Vinyl bromide	Ave	1.441	1.553		10.8	10.0	7.8	30.0
Trichlorofluoromethane	Ave	3.742	3.940		10.5	10.0	5.3	30.0
Ethanol	Ave	0.7304	0.7068		14.5	15.0	-3.2	30.0
1,1-Dichloroethene	Ave	1.558	1.627		10.4	10.0	4.4	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	3.305	3.333		10.1	10.0	0.8	30.0
Acetone	Ave	2.021	2.005		9.92	10.0	-0.8	30.0
Isopropanol	Ave	2.203	2.320		10.5	10.0	5.3	30.0
Carbon disulfide	Ave	4.581	4.513		9.85	10.0	-1.5	30.0
Allyl chloride	Ave	1.759	1.629		9.26	10.0	-7.4	30.0
Methylene Chloride	Ave	1.680	1.628		9.69	10.0	-3.1	30.0
tert-Butyl alcohol	Ave	3.059	3.016		9.86	10.0	-1.4	30.0
Methyl tert-butyl ether	Ave	4.334	4.724		10.9	10.0	9.0	30.0
1,2-Dichloroethene, trans-	Ave	2.096	2.282		10.9	10.0	8.9	30.0
Hexane	Ave	2.399	2.543		10.6	10.0	6.0	30.0
1,1-Dichloroethane	Ave	2.717	2.796		10.3	10.0	2.9	30.0
Methyl ethyl ketone (MEK)	Ave	0.9817	0.8403		8.56	10.0	-14.4	30.0
1,2-Dichloroethene, cis-	Ave	1.789	1.788		9.99	10.0	-0.0	30.0
Tetrahydrofuran	Ave	0.3141	0.3117		9.92	10.0	-0.8	30.0
Chloroform	Ave	3.230	3.370		10.4	10.0	4.3	30.0
1,1,1-Trichloroethane	Ave	0.6346	0.6705		10.6	10.0	5.7	30.0
Cyclohexane	Ave	0.4326	0.4606		10.6	10.0	6.4	30.0
Carbon tetrachloride	Ave	0.6460	0.7022		10.9	10.0	8.7	30.0
Benzene	Ave	0.9780	1.023		10.5	10.0	4.6	30.0
1,2-Dichloroethane	Ave	0.3672	0.3936		10.7	10.0	7.2	30.0
2,2,4-Trimethylpentane	Ave	1.462	1.571		10.7	10.0	7.5	30.0
n-Heptane	Ave	0.5077	0.5370		10.6	10.0	5.8	30.0
Trichloroethene	Ave	0.4295	0.4575		10.6	10.0	6.5	30.0
1,2-Dichloropropane	Ave	0.3449	0.3607		10.5	10.0	4.6	30.0
Methyl methacrylate	Ave	0.3417	0.3615		10.6	10.0	5.8	30.0
1,4-Dioxane	Ave	0.1975	0.2035		10.3	10.0	3.0	30.0
Bromodichloromethane	Ave	0.6542	0.6990		10.7	10.0	6.8	30.0
1,3-Dichloropropene, cis-	Ave	0.5676	0.6200		10.9	10.0	9.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78029-1

SDG No.:

Lab Sample ID: ICV 200-215048/19 Calibration Date: 04/11/2025 06:13

Instrument ID: CHW.i Calib Start Date: 04/10/2025 18:22

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/11/2025 02:50

Lab File ID: 64660-19.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
Methyl isobutyl ketone (MIBK)	Ave	0.6081	0.6519		10.7	10.0	7.2	30.0
Toluene	Ave	0.8395	0.8971		10.7	10.0	6.9	30.0
1,3-Dichloropropene, trans-	Ave	0.4506	0.5376		11.9	10.0	19.3	30.0
1,1,2-Trichloroethane	Ave	0.3966	0.4209		10.6	10.0	6.1	30.0
Tetrachloroethene	Ave	0.7596	0.7987		10.5	10.0	5.1	30.0
2-Hexanone	Ave	0.6741	0.7318		10.9	10.0	8.6	30.0
Dibromochloromethane	Ave	0.8540	0.8817		10.3	10.0	3.2	30.0
1,2-Dibromoethane	Ave	0.7465	0.7848		10.5	10.0	5.1	30.0
Chlorobenzene	Ave	1.192	1.236		10.4	10.0	3.7	30.0
Ethylbenzene	Ave	1.854	1.978		10.7	10.0	6.7	30.0
m,p-Xylene	Ave	0.7219	0.7756		21.5	20.0	7.4	30.0
Xylene, o-	Ave	0.6857	0.7475		10.9	10.0	9.0	30.0
Styrene	Ave	1.090	1.227		11.3	10.0	12.6	30.0
Bromoform	Ave	0.8420	0.8417		9.99	10.0	-0.0	30.0
1,1,2,2-Tetrachloroethane	Ave	1.036	1.072		10.3	10.0	3.5	30.0
2-Chlorotoluene	Ave	1.766	1.885		10.7	10.0	6.7	30.0
4-Ethyltoluene	Ave	2.068	2.289		11.1	10.0	10.7	30.0
1,3,5-Trimethylbenzene	Ave	1.748	1.911		10.9	10.0	9.4	30.0
1,2,4-Trimethylbenzene	Ave	1.764	1.913		10.8	10.0	8.5	30.0
1,3-Dichlorobenzene	Ave	1.277	1.352		10.6	10.0	5.9	30.0
1,4-Dichlorobenzene	Ave	1.282	1.382		10.8	10.0	7.8	30.0
1,2-Dichlorobenzene	Ave	1.224	1.290		10.5	10.0	5.3	30.0
1,2,4-Trichlorobenzene	Ave	0.9750	1.237		12.7	10.0	26.8	30.0
Hexachlorobutadiene	Ave	1.066	1.243		11.7	10.0	16.6	30.0
Naphthalene	Ave	1.909	2.462		12.9	10.0	29.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78029-1

SDG No.:

Lab Sample ID: CCVIS 200-216346/2 Calibration Date: 05/20/2025 08:13

Instrument ID: CHW.i Calib Start Date: 04/10/2025 18:22

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/11/2025 02:50

Lab File ID: 65203-02.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	3.771	3.673		9.74	10.0	-2.6	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.872	3.902		10.1	10.0	0.8	30.0
Chloromethane	Ave	1.256	1.080		8.60	10.0	-14.0	30.0
Vinyl chloride	Ave	1.107	0.9137		8.25	10.0	-17.5	30.0
1,3-Butadiene	Ave	0.8220	0.6546		7.96	10.0	-20.4	30.0
Bromomethane	Ave	1.472	1.434		9.74	10.0	-2.6	30.0
Chloroethane	Ave	0.8532	0.7615		8.92	10.0	-10.8	30.0
Vinyl bromide	Ave	1.441	1.420		9.85	10.0	-1.5	30.0
Trichlorofluoromethane	Ave	3.742	3.879		10.4	10.0	3.7	30.0
Ethanol	Ave	0.7304	0.5925		12.2	15.0	-18.9	30.0
1,1-Dichloroethene	Ave	1.558	1.542		9.90	10.0	-1.0	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	3.305	3.407		10.3	10.0	3.1	30.0
Acetone	Ave	2.021	1.850		9.16	10.0	-8.4	30.0
Isopropanol	Ave	2.203	1.842		9.69	11.6	-16.4	30.0
Carbon disulfide	Ave	4.581	4.367		9.53	10.0	-4.7	30.0
Allyl chloride	Ave	1.759	1.321		7.51	10.0	-24.9	30.0
Methylene Chloride	Ave	1.680	1.520		9.04	10.0	-9.6	30.0
tert-Butyl alcohol	Ave	3.059	2.687		8.78	10.0	-12.2	30.0
Methyl tert-butyl ether	Ave	4.334	4.186		9.66	10.0	-3.4	30.0
1,2-Dichloroethene, trans-	Ave	2.096	2.126		10.1	10.0	1.4	30.0
Hexane	Ave	2.399	2.191		9.13	10.0	-8.7	30.0
1,1-Dichloroethane	Ave	2.717	2.693		9.91	10.0	-0.9	30.0
Methyl ethyl ketone (MEK)	Ave	0.9817	0.7531		7.67	10.0	-23.3	30.0
1,2-Dichloroethene, cis-	Ave	1.789	1.771		9.90	10.0	-1.0	30.0
Tetrahydrofuran	Ave	0.3141	0.2911		9.27	10.0	-7.3	30.0
Chloroform	Ave	3.230	3.271		10.1	10.0	1.3	30.0
1,1,1-Trichloroethane	Ave	0.6346	0.6911		10.9	10.0	8.9	30.0
Cyclohexane	Ave	0.4326	0.4482		10.4	10.0	3.6	30.0
Carbon tetrachloride	Ave	0.6460	0.7622		11.8	10.0	18.0	30.0
Benzene	Ave	0.9780	0.997		10.2	10.0	2.0	30.0
1,2-Dichloroethane	Ave	0.3672	0.4161		11.3	10.0	13.3	30.0
2,2,4-Trimethylpentane	Ave	1.462	1.502		10.3	10.0	2.8	30.0
n-Heptane	Ave	0.5077	0.4924		9.70	10.0	-3.0	30.0
Trichloroethene	Ave	0.4295	0.4678		10.9	10.0	8.9	30.0
1,2-Dichloropropane	Ave	0.3449	0.3551		10.3	10.0	2.9	30.0
Methyl methacrylate	Ave	0.3417	0.3545		10.4	10.0	3.8	30.0
1,4-Dioxane	Ave	0.1975	0.2275		11.5	10.0	15.2	30.0
Bromodichloromethane	Ave	0.6542	0.7062		10.8	10.0	8.0	30.0
1,3-Dichloropropene, cis-	Ave	0.5676	0.5809		10.2	10.0	2.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78029-1

SDG No.:

Lab Sample ID: CCVIS 200-216346/2 Calibration Date: 05/20/2025 08:13

Instrument ID: CHW.i Calib Start Date: 04/10/2025 18:22

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/11/2025 02:50

Lab File ID: 65203-02.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
Methyl isobutyl ketone (MIBK)	Ave	0.6081	0.5804		9.54	10.0	-4.6	30.0
Toluene	Ave	0.8395	0.8392		9.99	10.0	-0.0	30.0
1,3-Dichloropropene, trans-	Ave	0.4506	0.4919		10.9	10.0	9.2	30.0
1,1,2-Trichloroethane	Ave	0.3966	0.3888		9.80	10.0	-2.0	30.0
Tetrachloroethene	Ave	0.7596	0.8053		10.6	10.0	6.0	30.0
2-Hexanone	Ave	0.6741	0.6087		9.03	10.0	-9.7	30.0
Dibromochloromethane	Ave	0.8540	0.8496		9.95	10.0	-0.5	30.0
1,2-Dibromoethane	Ave	0.7465	0.7443		9.97	10.0	-0.3	30.0
Chlorobenzene	Ave	1.192	1.208		10.1	10.0	1.4	30.0
Ethylbenzene	Ave	1.854	1.890		10.2	10.0	2.0	30.0
m,p-Xylene	Ave	0.7219	0.7697		21.3	20.0	6.6	30.0
Xylene, o-	Ave	0.6857	0.7161		10.4	10.0	4.4	30.0
Styrene	Ave	1.090	1.213		11.1	10.0	11.2	30.0
Bromoform	Ave	0.8420	0.7631		9.06	10.0	-9.4	30.0
1,1,2,2-Tetrachloroethane	Ave	1.036	1.021		9.85	10.0	-1.5	30.0
2-Chlorotoluene	Ave	1.766	1.832		10.4	10.0	3.7	30.0
4-Ethyltoluene	Ave	2.068	2.254		10.9	10.0	9.0	30.0
1,3,5-Trimethylbenzene	Ave	1.748	1.934		11.1	10.0	10.7	30.0
1,2,4-Trimethylbenzene	Ave	1.764	1.957		11.1	10.0	11.0	30.0
1,3-Dichlorobenzene	Ave	1.277	1.403		11.0	10.0	9.9	30.0
1,4-Dichlorobenzene	Ave	1.282	1.410		11.0	10.0	10.0	30.0
1,2-Dichlorobenzene	Ave	1.224	1.328		10.8	10.0	8.4	30.0
1,2,4-Trichlorobenzene	Ave	0.9750	0.9780		11.8	11.7	0.3	30.0
Hexachlorobutadiene	Ave	1.066	1.178		12.4	11.2	10.5	30.0
Naphthalene	Ave	1.909	1.928		12.0	11.9	1.0	30.0

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-77862-1

SDG No.:

Instrument ID: CHAN.i Start Date: 04/15/2025 17:04

Analysis Batch Number: 215201 End Date: 04/16/2025 11:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-215201/1		04/15/2025 17:04	1	64733_001.D	RTX-624 0.32(mm)
IC 200-215201/4		04/15/2025 19:37	1	64733_004.D	RTX-624 0.32(mm)
IC 200-215201/6		04/15/2025 21:20	1	64733_006.D	RTX-624 0.32(mm)
ZZZZZ (QC)		04/15/2025 21:20	1		RTX-624 0.32(mm)
IC 200-215201/7		04/15/2025 22:12	1	64733_007.D	RTX-624 0.32(mm)
ZZZZZ (QC)		04/15/2025 22:12	1		RTX-624 0.32(mm)
ICIS 200-215201/9		04/15/2025 23:55	1	64733_009.D	RTX-624 0.32(mm)
IC 200-215201/10		04/16/2025 00:47	1	64733_010.D	RTX-624 0.32(mm)
IC 200-215201/13		04/16/2025 03:21	1	64733_013.D	RTX-624 0.32(mm)
IC 200-215201/14		04/16/2025 04:13	1	64733_014.D	RTX-624 0.32(mm)
ZZZZZ (Client)		04/16/2025 09:22	1		RTX-624 0.32(mm)
IC 200-215201/21		04/16/2025 10:13	1	64733_021.D	RTX-624 0.32(mm)
ZZZZZ (QC)		04/16/2025 10:13	1		RTX-624 0.32(mm)
ICV 200-215201/22		04/16/2025 11:40	1	64733_022.D	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-77862-1

SDG No.:

Instrument ID: CHAN.i Start Date: 05/05/2025 06:51

Analysis Batch Number: 215821 End Date: 05/06/2025 05:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-215821/1		05/05/2025 06:51	1	64994_001.D	RTX-624 0.32(mm)
CCVIS 200-215821/2		05/05/2025 07:42	1	64994_002.D	RTX-624 0.32(mm)
LCS 200-215821/4		05/05/2025 09:26	1	64994_004.D	RTX-624 0.32(mm)
MB 200-215821/6		05/05/2025 11:09	1	64994_006.D	RTX-624 0.32(mm)
200-77862-12	3643	05/05/2025 12:17	0.2	64994_007.D	RTX-624 0.32(mm)
ZZZZZ (Client)		05/05/2025 13:25	0.2		RTX-624 0.32(mm)
ZZZZZ (Client)		05/05/2025 14:18	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/05/2025 15:13	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/05/2025 16:12	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/05/2025 17:15	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/05/2025 18:07	2.99		RTX-624 0.32(mm)
ZZZZZ (Client)		05/05/2025 19:08	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/05/2025 20:10	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/05/2025 21:01	2		RTX-624 0.32(mm)
ZZZZZ (Client)		05/05/2025 21:53	10		RTX-624 0.32(mm)
ZZZZZ (Client)		05/05/2025 22:48	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/05/2025 23:50	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/06/2025 00:41	10		RTX-624 0.32(mm)
ZZZZZ (Client)		05/06/2025 01:33	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/06/2025 02:25	4		RTX-624 0.32(mm)
ZZZZZ (Client)		05/06/2025 03:17	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/06/2025 04:08	4		RTX-624 0.32(mm)
ZZZZZ (Client)		05/06/2025 05:02	1		RTX-624 0.32(mm)
ZZZZZ (QC)		05/06/2025 05:57	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-77863-1

SDG No.:

Instrument ID: CHAN.i Start Date: 04/15/2025 17:04

Analysis Batch Number: 215201 End Date: 04/16/2025 11:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-215201/1		04/15/2025 17:04	1	64733_001.D	RTX-624 0.32(mm)
IC 200-215201/4		04/15/2025 19:37	1	64733_004.D	RTX-624 0.32(mm)
IC 200-215201/6		04/15/2025 21:20	1	64733_006.D	RTX-624 0.32(mm)
ZZZZZ (QC)		04/15/2025 21:20	1		RTX-624 0.32(mm)
IC 200-215201/7		04/15/2025 22:12	1	64733_007.D	RTX-624 0.32(mm)
ZZZZZ (QC)		04/15/2025 22:12	1		RTX-624 0.32(mm)
ICIS 200-215201/9		04/15/2025 23:55	1	64733_009.D	RTX-624 0.32(mm)
IC 200-215201/10		04/16/2025 00:47	1	64733_010.D	RTX-624 0.32(mm)
IC 200-215201/13		04/16/2025 03:21	1	64733_013.D	RTX-624 0.32(mm)
IC 200-215201/14		04/16/2025 04:13	1	64733_014.D	RTX-624 0.32(mm)
ZZZZZ (Client)		04/16/2025 09:22	1		RTX-624 0.32(mm)
IC 200-215201/21		04/16/2025 10:13	1	64733_021.D	RTX-624 0.32(mm)
ZZZZZ (QC)		04/16/2025 10:13	1		RTX-624 0.32(mm)
ICV 200-215201/22		04/16/2025 11:40	1	64733_022.D	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-77863-1

SDG No.:

Instrument ID: CHAN.i Start Date: 05/02/2025 07:23

Analysis Batch Number: 215773 End Date: 05/03/2025 07:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-215773/1		05/02/2025 07:23	1	64975_001.D	RTX-624 0.32(mm)
CCVIS 200-215773/2		05/02/2025 08:14	1	64975_002.D	RTX-624 0.32(mm)
LCS 200-215773/3		05/02/2025 09:07	1	64975_003.D	RTX-624 0.32(mm)
MB 200-215773/5		05/02/2025 10:50	1	64975_005.D	RTX-624 0.32(mm)
200-77863-12	5455	05/02/2025 11:56	0.2	64975_006.D	RTX-624 0.32(mm)
ZZZZZ (Client)		05/02/2025 12:49	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/02/2025 13:43	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/02/2025 14:38	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/02/2025 15:30	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/02/2025 16:22	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/02/2025 17:19	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/02/2025 18:13	1		RTX-624 0.32(mm)
ZZZZZ (QC)		05/02/2025 19:09	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/02/2025 20:10	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/02/2025 21:07	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/02/2025 22:03	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/02/2025 22:59	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/02/2025 23:57	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/03/2025 00:53	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/03/2025 01:53	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/03/2025 02:45	2		RTX-624 0.32(mm)
ZZZZZ (QC)		05/03/2025 03:42	2		RTX-624 0.32(mm)
ZZZZZ (Client)		05/03/2025 04:36	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/03/2025 05:33	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/03/2025 06:24	2		RTX-624 0.32(mm)
ZZZZZ (Client)		05/03/2025 07:16	8		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-78004-1

SDG No.:

Instrument ID: CHW.i Start Date: 04/10/2025 15:50

Analysis Batch Number: 215048 End Date: 04/11/2025 06:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-215048/2		04/10/2025 15:50	1	64660-02.d	RTX-624 0.32(mm)
IC 200-215048/5		04/10/2025 18:22	1	64660-05.d	RTX-624 0.32(mm)
IC 200-215048/7		04/10/2025 20:04	1	64660-07.d	RTX-624 0.32(mm)
IC 200-215048/8		04/10/2025 20:55	1	64660-08.d	RTX-624 0.32(mm)
IC 200-215048/9		04/10/2025 21:46	1	64660-09.d	RTX-624 0.32(mm)
ICIS 200-215048/10		04/10/2025 22:36	1	64660-10.d	RTX-624 0.32(mm)
IC 200-215048/11		04/10/2025 23:27	1	64660-11.d	RTX-624 0.32(mm)
IC 200-215048/14		04/11/2025 02:00	1	64660-14.d	RTX-624 0.32(mm)
IC 200-215048/15		04/11/2025 02:50	1	64660-15.d	RTX-624 0.32(mm)
ZZZZZ (Client)		04/11/2025 05:22	1		RTX-624 0.32(mm)
ICV 200-215048/19		04/11/2025 06:13	1	64660-19.d	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-78004-1

SDG No.:

Instrument ID: CHW.i Start Date: 05/16/2025 08:28

Analysis Batch Number: 216245 End Date: 05/16/2025 22:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-216245/2		05/16/2025 08:28	1	65160-02.d	RTX-624 0.32(mm)
CCVIS 200-216245/3		05/16/2025 09:20	1	65160-03.d	RTX-624 0.32(mm)
LCS 200-216245/4		05/16/2025 10:11	1	65160-04.d	RTX-624 0.32(mm)
MB 200-216245/6		05/16/2025 11:54	1	65160-06.d	RTX-624 0.32(mm)
ZZZZZ (Client)		05/16/2025 12:58	0.2		RTX-624 0.32(mm)
200-78004-7	3390	05/16/2025 14:03	0.2	65160-08.d	RTX-624 0.32(mm)
ZZZZZ (Client)		05/16/2025 14:55	2		RTX-624 0.32(mm)
ZZZZZ (QC)		05/16/2025 15:46	2		RTX-624 0.32(mm)
ZZZZZ (Client)		05/16/2025 16:37	10		RTX-624 0.32(mm)
ZZZZZ (Client)		05/16/2025 17:30	2		RTX-624 0.32(mm)
ZZZZZ (Client)		05/16/2025 18:21	10		RTX-624 0.32(mm)
ZZZZZ (Client)		05/16/2025 19:13	2		RTX-624 0.32(mm)
ZZZZZ (Client)		05/16/2025 20:05	10		RTX-624 0.32(mm)
ZZZZZ (Client)		05/16/2025 20:58	51500		RTX-624 0.32(mm)
ZZZZZ (Client)		05/16/2025 21:50	103000		RTX-624 0.32(mm)
ZZZZZ (Client)		05/16/2025 22:42	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-78029-1

SDG No.:

Instrument ID: CHW.i Start Date: 04/10/2025 15:50

Analysis Batch Number: 215048 End Date: 04/11/2025 06:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-215048/2		04/10/2025 15:50	1	64660-02.d	RTX-624 0.32(mm)
IC 200-215048/5		04/10/2025 18:22	1	64660-05.d	RTX-624 0.32(mm)
IC 200-215048/7		04/10/2025 20:04	1	64660-07.d	RTX-624 0.32(mm)
IC 200-215048/8		04/10/2025 20:55	1	64660-08.d	RTX-624 0.32(mm)
IC 200-215048/9		04/10/2025 21:46	1	64660-09.d	RTX-624 0.32(mm)
ICIS 200-215048/10		04/10/2025 22:36	1	64660-10.d	RTX-624 0.32(mm)
IC 200-215048/11		04/10/2025 23:27	1	64660-11.d	RTX-624 0.32(mm)
IC 200-215048/14		04/11/2025 02:00	1	64660-14.d	RTX-624 0.32(mm)
IC 200-215048/15		04/11/2025 02:50	1	64660-15.d	RTX-624 0.32(mm)
ZZZZZ (Client)		04/11/2025 05:22	1		RTX-624 0.32(mm)
ICV 200-215048/19		04/11/2025 06:13	1	64660-19.d	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-78029-1

SDG No.:

Instrument ID: CHW.i Start Date: 05/20/2025 07:23

Analysis Batch Number: 216346 End Date: 05/21/2025 05:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-216346/1		05/20/2025 07:23	1	65203-01.d	RTX-624 0.32(mm)
CCVIS 200-216346/2		05/20/2025 08:13	1	65203-02.d	RTX-624 0.32(mm)
LCS 200-216346/4		05/20/2025 09:55	1	65203-04.d	RTX-624 0.32(mm)
MB 200-216346/6		05/20/2025 11:36	1	65203-06.d	RTX-624 0.32(mm)
ZZZZZ (Client)		05/20/2025 12:40	0.2		RTX-624 0.32(mm)
ZZZZZ (Client)		05/20/2025 13:45	0.2		RTX-624 0.32(mm)
ZZZZZ (Client)		05/20/2025 14:36	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/20/2025 15:28	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/20/2025 16:19	10		RTX-624 0.32(mm)
ZZZZZ (Client)		05/20/2025 17:09	25		RTX-624 0.32(mm)
ZZZZZ (Client)		05/20/2025 17:59	10		RTX-624 0.32(mm)
ZZZZZ (Client)		05/20/2025 18:50	10		RTX-624 0.32(mm)
ZZZZZ (Client)		05/20/2025 19:41	10		RTX-624 0.32(mm)
ZZZZZ (Client)		05/20/2025 20:31	10		RTX-624 0.32(mm)
ZZZZZ (QC)		05/20/2025 21:22	10		RTX-624 0.32(mm)
ZZZZZ (Client)		05/20/2025 22:12	2		RTX-624 0.32(mm)
ZZZZZ (Client)		05/20/2025 23:08	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/20/2025 23:59	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/21/2025 00:50	1		RTX-624 0.32(mm)
ZZZZZ (Client)		05/21/2025 01:54	0.2		RTX-624 0.32(mm)
ZZZZZ (Client)		05/21/2025 02:59	0.2		RTX-624 0.32(mm)
200-78029-8	34001609	05/21/2025 04:04	0.2	65203-24.d	RTX-624 0.32(mm)
ZZZZZ (Client)		05/21/2025 05:09	0.2		RTX-624 0.32(mm)

Shipping and Receiving Documents

NYC
222

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.

eurofins | Environment Testing America

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information	**Client Project Manager:** MaryBeth Lyons	**Samples Collected By:** SC	COC No: 1 of 1 COCs
Company Name: LOUX Environmental	Phone: 516 776 4599		TALS Project #:
Address: 209 Shaffer St	Email: mlyons@louxinc.com		**For Lab Use Only:**
City/State/Zip Island/NY/11749			Walk-in Client:
Phone: 631 831 8490	**Site Contact:** Joyce Ciollo		Lab Sampling:
FAX:	**Tel/Fax** 5166603060		
Project Name: 35-32 College Point Blvd, Flushing, NY	**Analysis Turnaround Time**		Job / SDG No.:
Site/Location: 35-32 College Point Blvd, Flushing, NY	Standard (Specific): 5 D		(See below for Add'l Items)
PO# 1633.0003Y002	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)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	[redacted]	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
RXSV-04	6/20/25	1045	06/20/25	1245	-30.00	-6.00	4532	4070		✓													
DUP_SV_06202025	↓	1055	06/20/25	1255	-30.00	-7.00	3118	5081		↓													
RXSV-05		1100	↓	1200	-29.00	-5.00	3470	3253															
RXSV-01		1110		1310	-30.00	-6.00	5187	3462															
RXSV-09		1124		1327	-30.00	-10.00	7631	2944															
RXSV-07		1415		1615	-30.00	-7.00	5203	3400046															

200-78438 Chain of Custody

Temperature (Fahrenheit)			
Start	Interior	Ambient	68°F
Stop			84

Pressure (inches of Hg)			
Start	Interior	Ambient	29.87
Stop			29.91

Special Instructions/QC Requirements & Comments:

Samples Shipped by:	**Date / Time:** 06/20/25 17:30	**Samples Received by:**
Samples Relinquished by:	**Date / Time:** 06/20/25 18:00	**Received by:**
Relinquished by:	**Date / Time:**	**Received by:** 6/23/2025 9:30

Lab Use Only: Shipper Name: Opened by: Condition:

ORIGIN ID:NYSM (646) 630-1481
AJAY SINGH

4732 32ND PLACE
SUITE 1141
LONG ISLAND CITY, NY 11101
UNITED STATES US

SHIP DATE: 21JUN25
ACTWGT: 20.00 LB
CAD: 112977992/INET4535

BILL RECIPIENT

TO **SAMPLING RECEIVING BVT**
TESTAMERICA
530 COMMUNITY DR STE 11

SOUTH BURLINGTON VT 05403
(802) 923-1026
INV
PO
REF
DEPT

58GJ1/0CF5/59F2

FedEx Express

J252025040801uv

MON - 23 JUN 10:30A
PRIORITY OVERNIGHT

1 of 2
TRK# 8821 9332 9948
0201
MASTER

XS BTVA

05403
VT-US BTV

After printing this label:
CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH
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Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 200-78438-1

Login Number: 78438
List Number: 1
Creator: Khudaier, Zahraa

List Source: Eurofins Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michelle Okvist
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, New York 11749

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JOB DESCRIPTION

35-32 College Point Blvd, Flushing, NY

JOB NUMBER

460-328732-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Eurofins Edison

Job Notes

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

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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



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Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Definitions/Glossary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	Surrogate is outside acceptance limits.
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

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

GC Semi VOA

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

Glossary

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-328732-1

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 6/17/2025 8:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.5°C.

Method 8260D - Volatile Organic Compounds by GC/MS
Samples RX-05(0-2) (460-328732-1), RX-05(4-6) (460-328732-2), RX-06(0-2) (460-328732-3), RX-06(0-2) (460-328732-3MS), RX-06(0-2) (460-328732-3MSD), DUP_SO_06162025 (460-328732-4), RX-06(6-8) (460-328732-5), FB_SO_06162025 (460-328732-6), TRIP BLANK (460-328732-7), RX-10(0-2) (460-328732-8), RX-10(4-6) (460-328732-9), RX-7(0-2) (460-328732-10), RX-7(4-6) (460-328732-11), RX-02(0-2) (460-328732-12) and RX-02(6-8) (460-328732-13) were analyzed for Volatile Organic Compounds by GC/MS. The samples were prepared on 6/18/2025 and analyzed on 6/21/2025, 6/22/2025 and 6/23/2025.

The continuing calibration verification (CCV) associated with batch 460-1045526 recovered above the upper control limit for Chloromethane and Methyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) for analytical batch 460-1045526 recovered outside control limits for the following analyte: Methyl acetate. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-1045338 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane and 1,1-Dichloroethene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1045466 was outside the method criteria for the following analyte: 1,2-Dichloroethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: RX-7(0-2) (460-328732-10) and RX-02(6-8) (460-328732-13). These results have been reported and qualified.

Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: RX-7(4-6) (460-328732-11). These results have been reported and qualified.

Method 8270E - Semivolatile Organic Compounds (GC/MS)
Samples RX-05(0-2) (460-328732-1), RX-05(4-6) (460-328732-2), RX-06(0-2) (460-328732-3), RX-06(0-2) (460-328732-3MS), RX-06(0-2) (460-328732-3MSD), DUP_SO_06162025 (460-328732-4), RX-06(6-8) (460-328732-5), FB_SO_06162025 (460-328732-6), RX-10(0-2) (460-328732-8), RX-10(4-6) (460-328732-9), RX-7(0-2) (460-328732-10), RX-7(4-6) (460-328732-11), RX-02(0-2) (460-328732-12) and RX-02(6-8) (460-328732-13) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared on 6/19/2025 and analyzed on 6/20/2025.

Sample RX-7(4-6) (460-328732-11)[2x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) analyzed in batch 460-1044894 was outside the method criteria for the following analyte(s): 4,6-Dinitro-2-methylphenol, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 2-Nitrophenol and Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-1044591 was outside the method criteria for the following analyte(s): 2,4-Dimethylphenol, 4-Nitrophenol, Benzaldehyde, Caprolactam and Hexachlorocyclopentadiene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-1044486 and analytical batch 460-1044591 recovered outside control limits for the following analytes: 1,4-Dioxane, Atrazine, Benzaldehyde, Caprolactam and Phenol. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1044959 was outside the method criteria for the following analyte(s): < Benzaldehyde and Hexachlorocyclopentadiene>. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8151A - Herbicides (GC)
Samples RX-05(0-2) (460-328732-1), RX-05(4-6) (460-328732-2), RX-06(0-2) (460-328732-3), RX-06(0-2) (460-328732-3MS), RX-06(0-2) (460-328732-3MSD), DUP_SO_06162025 (460-328732-4), RX-06(6-8) (460-328732-5), FB_SO_06162025 (460-328732-6), RX-10(0-2) (460-328732-8), RX-10(4-6) (460-328732-9), RX-7(0-2) (460-328732-10), RX-7(4-6) (460-328732-11), RX-02(0-2) (460-328732-12) and RX-02(6-8) (460-328732-13) were analyzed for Herbicides (GC). The samples were prepared on 6/18/2025 and 6/19/2025 and analyzed on 6/19/2025 and 6/21/2025.

The continuing calibration verification (CCV) associated with batch 460-1044535 recovered above the upper control limit for 2,4,5-T and Silvex (2,4,5-TP). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for preparation batch 460-1044665 and analytical batch 460-1045093. The associated laboratory control sample (LCS) met acceptance criteria.

The continuing calibration verification (CCV) associated with batch 460-1045093 recovered above the upper control limit for Silvex (2,4,5-TP). The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The associated sample is:(CCVRT 460-1045093/2).

Surrogate 2,4-Dichlorophenylacetic acid recovery for the following samples were outside control limits: RX-05(0-2) (460-328732-1), RX-05(4-6) (460-328732-2), RX-06(0-2) (460-328732-3), DUP_SO_06162025 (460-328732-4), RX-06(6-8) (460-328732-5), RX-10(0-2) (460-328732-8), RX-10(4-6) (460-328732-9), RX-7(0-2) (460-328732-10), RX-7(4-6) (460-328732-11), RX-02(0-2) (460-328732-12) and RX-02(6-8) (460-328732-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Samples RX-05(0-2) (460-328732-1), RX-05(4-6) (460-328732-2), RX-06(0-2) (460-328732-3), RX-06(0-2) (460-328732-3MS), RX-06(0-2) (460-328732-3MSD), DUP_SO_06162025 (460-328732-4), RX-06(6-8) (460-328732-5), FB_SO_06162025 (460-328732-6), RX-10(0-2) (460-328732-8), RX-10(4-6) (460-328732-9), RX-7(0-2) (460-328732-10), RX-7(4-6) (460-328732-11), RX-02(0-2) (460-328732-12) and RX-02(6-8) (460-328732-13) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 6/18/2025 and 6/19/2025 and analyzed on 6/19/2025 and 6/20/2025.

Tetrachloro-m-xylene and DCB Decachlorobiphenyl surrogate recoveries for the following samples were outside the upper control limit: DUP_SO_06162025 (460-328732-4), RX-06(6-8) (460-328732-5), RX-10(0-2) (460-328732-8) and RX-7(0-2) (460-328732-10). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Decachlorobiphenyl surrogate recovery for this samples were outside control limits
but Tetrachloro-m-xylene surrogate recovery within control limits; therefore the data have been qualified and reported.RX-05(0-2) (460-328732-1), RX-05(4-6) (460-328732-2), RX-06(0-2) (460-328732-3), DUP_SO_06162025 (460-328732-4), RX-06(6-8) (460-328732-5), RX-7(4-6) (460-328732-11) and RX-02(6-8) (460-328732-13)

Decachlorobiphenyl surrogate recovery for this samples were outside control limits
but Tetrachloro-m-xylene surrogate recovery within control limits; therefore the data have been qualified and reported.RX-06(0-2) (460-328732-3[MS]) and RX-06(0-2) (460-328732-3[MSD])

Surrogate DCB Decachlorobiphenyl recovery for the following sample was outside the upper control limit: RX-10(4-6) (460-328732-9). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

The Decachlorobiphenyl surrogate recovery for the following samples was outside acceptance limits (high biased) on the primary column due to matrix interference: RX-02(0-2) (460-328732-12). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Surrogate DCB Decachlorobiphenyl recovery for the following sample was outside the upper control limit: RX-7(0-2) (460-328732-10). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8081B - Organochlorine Pesticides (GC)
Samples RX-05(0-2) (460-328732-1), RX-05(4-6) (460-328732-2), RX-06(0-2) (460-328732-3), RX-06(0-2) (460-328732-3MS), RX-06(0-2) (460-328732-3MSD), DUP_SO_06162025 (460-328732-4), RX-06(6-8) (460-328732-5), FB_SO_06162025 (460-328732-6), RX-10(0-2) (460-328732-8), RX-10(4-6) (460-328732-9), RX-7(0-2) (460-328732-10), RX-7(4-6) (460-328732-11), RX-02(0-2) (460-328732-12) and RX-02(6-8) (460-328732-13) were analyzed for Organochlorine Pesticides (GC). The samples were prepared on 6/18/2025 and 6/19/2025 and analyzed on 6/19/2025 and 6/20/2025.

The DCB Decachlorobiphenyl surrogate recovery for the following samples was outside acceptance limits (low biased) on the confirmation column: (CCVIS 460-1044637/3). The recovery is within acceptance limits on the other column, therefore the data have been qualified and reported.

Method 6020B - Metals (ICP/MS)
Samples RX-05(0-2) (460-328732-1), RX-05(4-6) (460-328732-2), RX-06(0-2) (460-328732-3), RX-06(0-2) (460-328732-3MS), RX-06(0-2) (460-328732-3MSD), DUP_SO_06162025 (460-328732-4), RX-06(6-8) (460-328732-5), RX-10(0-2) (460-328732-8), RX-10(4-6) (460-328732-9), RX-7(0-2) (460-328732-10), RX-7(4-6) (460-328732-11), RX-02(0-2) (460-328732-12) and RX-02(6-8) (460-328732-13) were analyzed for Metals (ICP/MS). The samples were prepared on 6/18/2025 and 6/20/2025 and analyzed on 6/21/2025.

Sample RX-06(0-2) (460-328732-3MS)[2x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Method 6020B - Metals (ICP/MS) - Total Recoverable
Sample FB_SO_06162025 (460-328732-6) was analyzed for Metals (ICP/MS) - Total Recoverable. The sample was prepared on 6/21/2025 and analyzed on 6/22/2025.

Method 7470A - Mercury (CVAA)
Sample FB_SO_06162025 (460-328732-6) was analyzed for Mercury (CVAA). The sample was prepared and analyzed on 6/20/2025.

Method 7471B - Mercury (CVAA)
Samples RX-05(0-2) (460-328732-1), RX-05(4-6) (460-328732-2), RX-06(0-2) (460-328732-3), RX-06(0-2) (460-328732-3MS), RX-06(0-2) (460-328732-3MSD), DUP_SO_06162025 (460-328732-4), RX-06(6-8) (460-328732-5), RX-10(0-2) (460-328732-8), RX-10(4-6) (460-328732-9), RX-7(0-2) (460-328732-10), RX-7(4-6) (460-328732-11), RX-02(0-2) (460-328732-12) and RX-02(6-8) (460-328732-13) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 6/23/2025.

Method 7196A - Chromium, Hexavalent
Samples RX-05(0-2) (460-328732-1), RX-05(4-6) (460-328732-2), RX-06(0-2) (460-328732-3), RX-06(0-2) (460-328732-3DU), RX-06(0-2) (460-328732-3MSS), DUP_SO_06162025 (460-328732-4), RX-06(6-8) (460-328732-5), FB_SO_06162025 (460-328732-6), RX-10(0-2) (460-328732-8), RX-10(4-6) (460-328732-9), RX-7(0-2) (460-328732-10), RX-7(4-6) (460-328732-11), RX-02(0-2) (460-328732-12) and RX-02(6-8) (460-328732-13) were analyzed for Chromium, Hexavalent. The samples were prepared and analyzed on 6/24/2025 and 6/25/2025.

The following sample was analyzed outside of analytical holding time due to internal tracking error: FB_SO_06162025 (460-328732-6).

The matrix spike soluble/matrix spike insoluble (MSS/MSI) recoveries for batch 1045999, which is a re-prep of batch 1045734, were outside control limits due to sample matrix. The associated laboratory control sample (LCSS/LCSI) recoveries met

acceptance criteria. Both sets of data have been reported.

Method 7196A - Chromium, Trivalent (Colorimetric)
Samples RX-05(0-2) (460-328732-1), RX-05(4-6) (460-328732-2), RX-06(0-2) (460-328732-3), DUP_SO_06162025 (460-328732-4), RX-06(6-8) (460-328732-5), FB_SO_06162025 (460-328732-6), RX-10(0-2) (460-328732-8), RX-10(4-6) (460-328732-9), RX-7(0-2) (460-328732-10), RX-7(4-6) (460-328732-11), RX-02(0-2) (460-328732-12) and RX-02(6-8) (460-328732-13) were analyzed for Chromium, Trivalent (Colorimetric). The samples were analyzed on 6/23/2025 and 6/25/2025.

Method 9012B - Cyanide, Total andor Amenable
Samples RX-05(0-2) (460-328732-1), RX-05(4-6) (460-328732-2), RX-06(0-2) (460-328732-3), RX-06(0-2) (460-328732-3MS), RX-06(0-2) (460-328732-3MSD), DUP_SO_06162025 (460-328732-4), RX-06(6-8) (460-328732-5), FB_SO_06162025 (460-328732-6), RX-10(0-2) (460-328732-8), RX-10(4-6) (460-328732-9), RX-7(0-2) (460-328732-10), RX-7(4-6) (460-328732-11), RX-02(0-2) (460-328732-12) and RX-02(6-8) (460-328732-13) were analyzed for Cyanide, Total andor Amenable. The samples were prepared and analyzed on 6/22/2025.

Method Moisture - Percent Moisture
Samples RX-05(0-2) (460-328732-1), RX-05(4-6) (460-328732-2), RX-06(0-2) (460-328732-3), DUP_SO_06162025 (460-328732-4), RX-06(6-8) (460-328732-5), RX-10(0-2) (460-328732-8), RX-10(4-6) (460-328732-9), RX-7(0-2) (460-328732-10), RX-7(4-6) (460-328732-11), RX-02(0-2) (460-328732-12) and RX-02(6-8) (460-328732-13) were analyzed for Percent Moisture. The samples were analyzed on 6/19/2025.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-05(0-2)
Lab Sample ID: 460-328732-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0069		0.0058	0.00043	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.052		0.0070	0.0067	mg/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	0.019	J	0.35	0.0097	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.011	J	0.35	0.0099	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.034	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.22		0.035	0.026	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.23		0.035	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.32		0.035	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.074	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.15		0.035	0.0068	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.026	J	0.35	0.018	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.23	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.022	J	0.035	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.42		0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.084		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0092	J	0.35	0.0060	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.16	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.42		0.35	0.0086	mg/Kg	1	☼	8270E	Total/NA
Aluminum	4990		15.4	4.2	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.57	J	0.77	0.11	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.0		0.77	0.079	mg/Kg	1	☼	6020B	Total/NA
Barium	43.3		1.5	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.26	J	0.31	0.017	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.18	J	0.77	0.087	mg/Kg	1	☼	6020B	Total/NA
Calcium	53200		76.9	7.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	48.8		1.5	0.23	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.4		1.5	0.11	mg/Kg	1	☼	6020B	Total/NA
Copper	25.6		1.5	0.28	mg/Kg	1	☼	6020B	Total/NA
Iron	13200		46.1	5.9	mg/Kg	1	☼	6020B	Total/NA
Lead	52.2		0.46	0.15	mg/Kg	1	☼	6020B	Total/NA
Magnesium	9820		76.9	7.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	141		3.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Nickel	18.3		1.5	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	547		76.9	12.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.23	J	0.96	0.098	mg/Kg	1	☼	6020B	Total/NA
Sodium	146		76.9	35.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.059	J	0.31	0.032	mg/Kg	1	☼	6020B	Total/NA
Vanadium	14.0		1.5	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	53.0		6.2	0.84	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.36		0.016	0.0077	mg/Kg	1	☼	7471B	Total/NA
Cr (III)	44.7		2.0	2.0	mg/Kg	1	☼	7196A	Total/NA
Cr (VI)	4.1		2.0	0.85	mg/Kg	1	☼	7196A	Total/NA
Cr (VI)	4.0		2.0	0.85	mg/Kg	1	☼	7196A	Total/NA

Client Sample ID: RX-05(4-6)
Lab Sample ID: 460-328732-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00098	J	0.0012	0.00069	mg/Kg	1	☼	8260D	Total/NA
1,2,4-Trimethylbenzene	0.00081	J	0.0012	0.00028	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0028	J	0.0058	0.00042	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.031		0.0069	0.0066	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: RX-05(4-6) (Continued)
Lab Sample ID: 460-328732-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.00098	J	0.0012	0.00031	mg/Kg	1	☼	8260D	Total/NA
sec-Butylbenzene	0.0012		0.0012	0.00033	mg/Kg	1	☼	8260D	Total/NA
1,1'-Biphenyl	0.086	J	0.38	0.013	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.35	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.10	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.13	J	0.38	0.012	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.25		0.038	0.029	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.22		0.038	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.32		0.038	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.11	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.12		0.038	0.0075	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.24	J	0.38	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.028	J	0.038	0.017	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.062	J	0.38	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.68		0.38	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.14	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.11		0.038	0.015	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.13	J	0.38	0.0066	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.55		0.38	0.016	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.56		0.38	0.0095	mg/Kg	1	☼	8270E	Total/NA
Aluminum	4910		17.3	4.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.44	J	0.86	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.3		0.86	0.089	mg/Kg	1	☼	6020B	Total/NA
Barium	68.5		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.41		0.35	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.19	J	0.86	0.098	mg/Kg	1	☼	6020B	Total/NA
Calcium	27000		86.3	8.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	12.7		1.7	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.6		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	30.3		1.7	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	14200		51.8	6.6	mg/Kg	1	☼	6020B	Total/NA
Lead	154		0.52	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2870		86.3	8.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	137		3.5	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	18.2		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	842		86.3	14.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.83	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	144		86.3	39.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.35	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	17.1		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	62.6		6.9	0.94	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.049		0.019	0.0088	mg/Kg	1	☼	7471B	Total/NA
Cr (III)	12.7		2.0	2.0	mg/Kg	1	☼	7196A	Total/NA
Cr (VI)	2.3		2.2	0.94	mg/Kg	1	☼	7196A	Total/NA

Client Sample ID: RX-06(0-2)
Lab Sample ID: 460-328732-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0034	J	0.0061	0.00045	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.031		0.0073	0.0070	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0045		0.0012	0.00033	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-06(0-2) (Continued)
Lab Sample ID: 460-328732-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyclohexane	0.00072	J	0.0012	0.00027	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.0016		0.0012	0.00061	mg/Kg	1	☼	8260D	Total/NA
Acenaphthene	0.011	J	0.33	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.020	J	0.033	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.030	J	0.033	0.0086	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.020	J	0.33	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0094	J	0.033	0.0066	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.058	J	0.33	0.018	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.030	J	0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.047	J	0.33	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.011	J	0.33	0.0098	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0063	J	0.33	0.0058	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.026	J	0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.056	J	0.33	0.0083	mg/Kg	1	☼	8270E	Total/NA
Aluminum	6300		16.2	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.81		0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.8		0.81	0.083	mg/Kg	1	☼	6020B	Total/NA
Barium	41.9		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.21	J	0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.11	J	0.81	0.091	mg/Kg	1	☼	6020B	Total/NA
Calcium	41200		80.8	7.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	18.6		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.7		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	51.3		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	32300		48.5	6.2	mg/Kg	1	☼	6020B	Total/NA
Lead	60.7		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	18000		80.8	8.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	259		3.2	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.7		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	714		80.8	13.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.14	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.093	J	0.32	0.072	mg/Kg	1	☼	6020B	Total/NA
Sodium	724		80.8	36.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.053	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	50.4		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	57.3		6.5	0.88	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.030		0.016	0.0077	mg/Kg	1	☼	7471B	Total/NA
Cr (III)	18.6		2.0	2.0	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	0.23		0.23	0.13	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: DUP_SO_06162025
Lab Sample ID: 460-328732-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00061	J	0.00092	0.00055	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0027	J	0.0046	0.00034	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.024		0.0055	0.0053	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0021		0.00092	0.00025	mg/Kg	1	☼	8260D	Total/NA
Chloroethane	0.00066	J	0.00092	0.00048	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.00057	J	0.00092	0.00026	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.00065	J	0.00092	0.00046	mg/Kg	1	☼	8260D	Total/NA
sec-Butylbenzene	0.00055	J	0.00092	0.00027	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP_SO_06162025 (Continued)
Lab Sample ID: 460-328732-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.013	J	0.34	0.0097	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.011	J	0.034	0.0091	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.016	J	0.034	0.0088	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.023	J	0.34	0.018	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.024	J	0.34	0.012	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.015	J	0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.029	J	0.34	0.0085	mg/Kg	1	☼	8270E	Total/NA
Aluminum	6000		16.0	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.76	J	0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.1		0.80	0.083	mg/Kg	1	☼	6020B	Total/NA
Barium	45.4		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.20	J	0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.11	J	0.80	0.091	mg/Kg	1	☼	6020B	Total/NA
Calcium	34800		80.1	7.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	15.8		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.2		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	38.2		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	21100		48.1	6.1	mg/Kg	1	☼	6020B	Total/NA
Lead	62.8		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	14500		80.1	8.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	197		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.1		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	770		80.1	13.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.16	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.099	J	0.32	0.071	mg/Kg	1	☼	6020B	Total/NA
Sodium	643		80.1	36.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.051	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	43.2		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	59.8		6.4	0.87	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.028		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA
Cr (III)	15.8		2.0	2.0	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	0.15	J	0.24	0.13	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: RX-06(6-8)
Lab Sample ID: 460-328732-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.0031		0.0010	0.00026	mg/Kg	1	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.00051	J	0.0010	0.00033	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0010		0.0010	0.00028	mg/Kg	1	☼	8260D	Total/NA
Cyclohexane	0.0016		0.0010	0.00023	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.0027		0.0010	0.00049	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.052		0.0010	0.00030	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.018		0.0010	0.00052	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.0020		0.0010	0.00044	mg/Kg	1	☼	8260D	Total/NA
n-Butylbenzene	0.087		0.0010	0.00031	mg/Kg	1	☼	8260D	Total/NA
N-Propylbenzene	0.074		0.0010	0.00047	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.0026		0.0010	0.00048	mg/Kg	1	☼	8260D	Total/NA
sec-Butylbenzene	0.11		0.0010	0.00030	mg/Kg	1	☼	8260D	Total/NA
tert-Butylbenzene	0.0071		0.0010	0.00029	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.0046		0.0021	0.00018	mg/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	0.35	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-06(6-8) (Continued)
Lab Sample ID: 460-328732-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	1.7		0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.88		0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.49		0.036	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.34		0.036	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.48		0.036	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.14	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.17		0.036	0.0070	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.061	J	0.36	0.019	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.54		0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.039		0.036	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	1.0		0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	2.2		0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	2.2		0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.14		0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.19	J	0.36	0.0062	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	5.1		0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	1.8		0.36	0.0089	mg/Kg	1	☼	8270E	Total/NA
Aluminum	6560		16.2	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.34	J	0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.6		0.81	0.083	mg/Kg	1	☼	6020B	Total/NA
Barium	52.5		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.31	J	0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.14	J	0.81	0.092	mg/Kg	1	☼	6020B	Total/NA
Calcium	18900		81.0	7.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	13.7		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.6		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	20.5		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	14100		48.6	6.2	mg/Kg	1	☼	6020B	Total/NA
Lead	41.5		0.49	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	4010		81.0	8.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	189		3.2	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.3		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1050		81.0	13.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.36	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Sodium	307		81.0	37.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.094	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.7		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	45.1		6.5	0.88	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.074		0.017	0.0081	mg/Kg	1	☼	7471B	Total/NA
Cr (III)	13.7		2.0	2.0	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	0.17	J	0.25	0.14	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: FB_SO_06162025
Lab Sample ID: 460-328732-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	67		5.0	4.4	ug/L	1		8260D	Total/NA
Zinc	4.9	J	16.0	4.2	ug/L	1		6020B	Total Recoverable

Client Sample ID: TRIP BLANK
Lab Sample ID: 460-328732-7

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-10(0-2)
Lab Sample ID: 460-328732-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.0010	J	0.0012	0.00031	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0023	J	0.0062	0.00046	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.026		0.0075	0.0071	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.0012		0.0012	0.00058	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.0047		0.0012	0.00053	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.0024		0.0012	0.00058	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00077	J	0.0012	0.00029	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.0072		0.0025	0.00022	mg/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	0.015	J	0.34	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.017	J	0.034	0.0091	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.026	J	0.034	0.0088	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.052	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.010	J	0.034	0.0067	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.033	J	0.34	0.018	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.026	J	0.34	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.036		0.034	0.013	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.024	J	0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.026	J	0.34	0.0085	mg/Kg	1	☼	8270E	Total/NA
Aluminum	3830		16.5	4.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.18	J	0.82	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.2		0.82	0.085	mg/Kg	1	☼	6020B	Total/NA
Barium	27.2		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.36		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Calcium	59600		82.3	8.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	11.4		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.4		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	22.7		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	11200		49.4	6.3	mg/Kg	1	☼	6020B	Total/NA
Lead	15.9		0.49	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	26900		82.3	8.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	144		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	6.6		1.6	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	723		82.3	13.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.17	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	298		82.3	37.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.044	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	32.3		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	29.2		6.6	0.90	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.025		0.017	0.0082	mg/Kg	1	☼	7471B	Total/NA
Cr (III)	11.4		2.0	2.0	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	0.13	J	0.24	0.13	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: RX-10(4-6)
Lab Sample ID: 460-328732-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.0023		0.0016	0.00041	mg/Kg	1	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.00054	J	0.0016	0.00052	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.010		0.0082	0.00061	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.070		0.0099	0.0094	mg/Kg	1	☼	8260D	Total/NA
Cyclohexane	0.0042		0.0016	0.00036	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.00090	J	0.0016	0.00077	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-10(4-6) (Continued)
Lab Sample ID: 460-328732-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Isopropylbenzene	0.035		0.0016	0.00047	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.031		0.0016	0.00082	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.0014	J	0.0016	0.00070	mg/Kg	1	☼	8260D	Total/NA
n-Butylbenzene	0.030		0.0016	0.00049	mg/Kg	1	☼	8260D	Total/NA
N-Propylbenzene	0.020		0.0016	0.00074	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.0011	J	0.0016	0.00076	mg/Kg	1	☼	8260D	Total/NA
sec-Butylbenzene	0.088		0.0016	0.00048	mg/Kg	1	☼	8260D	Total/NA
tert-Butylbenzene	0.0092		0.0016	0.00046	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.0026	J	0.0033	0.00029	mg/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	0.60		0.39	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.29	J	0.39	0.011	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.13	J	0.39	0.012	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.085		0.039	0.030	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.089		0.039	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.13		0.039	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.050	J	0.39	0.012	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.046		0.039	0.0077	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.023	J	0.39	0.021	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.11	J	0.39	0.017	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.15	J	0.39	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.56		0.39	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.033	J	0.039	0.015	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.96		0.39	0.016	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.27	J	0.39	0.0098	mg/Kg	1	☼	8270E	Total/NA
Aluminum	5790		18.8	5.2	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.44	J	0.94	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.9		0.94	0.097	mg/Kg	1	☼	6020B	Total/NA
Barium	53.1		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.28	J	0.38	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.12	J	0.94	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	20500		94.1	9.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	13.0		1.9	0.28	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.5		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	25.9		1.9	0.35	mg/Kg	1	☼	6020B	Total/NA
Iron	14300		56.4	7.2	mg/Kg	1	☼	6020B	Total/NA
Lead	61.4		0.56	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6100		94.1	9.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	232		3.8	0.38	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.7		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	877		94.1	15.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.93	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Sodium	304		94.1	43.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.10	J	0.38	0.039	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.7		1.9	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	43.9		7.5	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.10		0.018	0.0087	mg/Kg	1	☼	7471B	Total/NA
Cr (III)	13.0		2.0	2.0	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	0.13	J	0.24	0.13	mg/Kg	1	☼	9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-7(0-2)
Lab Sample ID: 460-328732-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.13		0.0014	0.00034	mg/Kg	1	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.031		0.0014	0.00043	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.025		0.0069	0.00051	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.13		0.0083	0.0079	mg/Kg	1	☼	8260D	Total/NA
Benzene	0.011		0.0014	0.00078	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0069		0.0014	0.00037	mg/Kg	1	☼	8260D	Total/NA
Cyclohexane	0.0059		0.0014	0.00030	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.051		0.0014	0.00064	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.0086		0.0014	0.00039	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.0099		0.0014	0.00069	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.12		0.0014	0.00058	mg/Kg	1	☼	8260D	Total/NA
n-Butylbenzene	0.0019		0.0014	0.00041	mg/Kg	1	☼	8260D	Total/NA
N-Propylbenzene	0.014		0.0014	0.00062	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.022		0.0014	0.00064	mg/Kg	1	☼	8260D	Total/NA
sec-Butylbenzene	0.0015		0.0014	0.00040	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.0014		0.0014	0.00042	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.013		0.0014	0.00032	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.14		0.0028	0.00024	mg/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	0.026	J	0.35	0.0099	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.010	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.026	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.082		0.035	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.079		0.035	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.11		0.035	0.0091	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.049	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.045		0.035	0.0069	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.071	J	0.35	0.019	mg/Kg	1	☼	8270E	Total/NA
Butyl benzyl phthalate	0.18	J	0.35	0.017	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.080	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.15	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.038		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.034	J	0.35	0.0061	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.090	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.13	J	0.35	0.0088	mg/Kg	1	☼	8270E	Total/NA
4,4'-DDT	0.0022	J	0.0071	0.0013	mg/Kg	1	☼	8081B	Total/NA
Aluminum	5510		15.8	4.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.84		0.79	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.2		0.79	0.081	mg/Kg	1	☼	6020B	Total/NA
Barium	69.3		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.33		0.32	0.017	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.50	J	0.79	0.089	mg/Kg	1	☼	6020B	Total/NA
Calcium	34400		79.0	7.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.4		1.6	0.23	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.7		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	26.4		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	16400		47.4	6.0	mg/Kg	1	☼	6020B	Total/NA
Lead	47.2		0.47	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	5160		79.0	8.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	135		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.3		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	795		79.0	12.8	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-7(0-2) (Continued)
Lab Sample ID: 460-328732-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.27	J	0.99	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.20	J	0.32	0.070	mg/Kg	1	☼	6020B	Total/NA
Sodium	272		79.0	36.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.052	J	0.32	0.032	mg/Kg	1	☼	6020B	Total/NA
Vanadium	20.8		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	109		6.3	0.86	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.13		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA
Cr (III)	16.4		2.0	2.0	mg/Kg	1	☼	7196A	Total/NA

Client Sample ID: RX-7(4-6)
Lab Sample ID: 460-328732-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.0054		0.0010	0.00025	mg/Kg	1	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.0045		0.0010	0.00032	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.020		0.0052	0.00038	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.081		0.0062	0.0059	mg/Kg	1	☼	8260D	Total/NA
Benzene	0.012		0.0010	0.00058	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0087		0.0010	0.00027	mg/Kg	1	☼	8260D	Total/NA
Cyclohexane	0.077		0.0010	0.00023	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.0032		0.0010	0.00048	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.20		0.0010	0.00029	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.25		0.0010	0.00051	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.017		0.0010	0.00044	mg/Kg	1	☼	8260D	Total/NA
n-Butylbenzene	0.16		0.0010	0.00030	mg/Kg	1	☼	8260D	Total/NA
N-Propylbenzene	0.28		0.0010	0.00046	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.0092		0.0010	0.00048	mg/Kg	1	☼	8260D	Total/NA
sec-Butylbenzene	0.31		0.0010	0.00030	mg/Kg	1	☼	8260D	Total/NA
tert-Butylbenzene	0.030		0.0010	0.00028	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.0042		0.0010	0.00024	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.026		0.0021	0.00018	mg/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	3.1		0.35	0.0099	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	4.2		0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.94		0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.096		0.035	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.032	J	0.035	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.060		0.035	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.025	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.013	J	0.035	0.0070	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.18	J	0.35	0.019	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.25	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	3.8		0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	1.1		0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.016	J	0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	7.1		0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	2.1		0.35	0.0088	mg/Kg	1	☼	8270E	Total/NA
Fluorene - DL	7.7		0.71	0.021	mg/Kg	2	☼	8270E	Total/NA
Aluminum	3990		16.9	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.24	J	0.85	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.4		0.85	0.087	mg/Kg	1	☼	6020B	Total/NA
Barium	47.1		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.32	J	0.34	0.019	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-7(4-6) (Continued) — Lab Sample ID: 460-328732-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	13700		84.6	8.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	7.6		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.8		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	36.5		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	15800		50.8	6.5	mg/Kg	1	☼	6020B	Total/NA
Lead	11.0		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3380		84.6	8.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	97.9		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	8.2		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	469		84.6	13.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.24	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	267		84.6	38.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.098	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	35.0		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	42.7		6.8	0.92	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.086		0.017	0.0082	mg/Kg	1	☼	7471B	Total/NA
Cr (III)	7.6		2.0	2.0	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	0.24		0.22	0.12	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: RX-02(0-2) — Lab Sample ID: 460-328732-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.011		0.0072	0.00053	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.063		0.0086	0.0082	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.014		0.0014	0.00038	mg/Kg	1	☼	8260D	Total/NA
Chloroethane	0.0024		0.0014	0.00075	mg/Kg	1	☼	8260D	Total/NA
Benzo[b]fluoranthene	0.0094	J	0.033	0.0086	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.027	J	0.33	0.018	mg/Kg	1	☼	8270E	Total/NA
Butyl benzyl phthalate	0.090	J	0.33	0.016	mg/Kg	1	☼	8270E	Total/NA
Diethyl phthalate	0.011	J	0.33	0.011	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.014	J	0.33	0.0083	mg/Kg	1	☼	8270E	Total/NA
Aluminum	3440		16.0	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.49	J	0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.0		0.80	0.082	mg/Kg	1	☼	6020B	Total/NA
Barium	28.4		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.47		0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.12	J	0.80	0.090	mg/Kg	1	☼	6020B	Total/NA
Calcium	63300		79.9	7.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	10.2		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.0		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	19.6		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	9020		47.9	6.1	mg/Kg	1	☼	6020B	Total/NA
Lead	13.9		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	23900		79.9	8.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	130		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	6.0		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	621		79.9	12.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.19	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.11	J	0.32	0.071	mg/Kg	1	☼	6020B	Total/NA
Sodium	228		79.9	36.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.064	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-02(0-2) (Continued)
Lab Sample ID: 460-328732-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	24.0		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	70.1		6.4	0.87	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.048		0.015	0.0071	mg/Kg	1	☼	7471B	Total/NA
Cr (III)	10.2		2.0	2.0	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	0.16	J	0.24	0.13	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: RX-02(6-8)
Lab Sample ID: 460-328732-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0036	J	0.0076	0.00056	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.031		0.0091	0.0087	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0088		0.0015	0.00041	mg/Kg	1	☼	8260D	Total/NA
Cyclohexane	0.00040	J	0.0015	0.00034	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.0011	J	0.0015	0.00043	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.0040		0.0015	0.00076	mg/Kg	1	☼	8260D	Total/NA
n-Butylbenzene	0.0031		0.0015	0.00045	mg/Kg	1	☼	8260D	Total/NA
N-Propylbenzene	0.0012	J	0.0015	0.00068	mg/Kg	1	☼	8260D	Total/NA
sec-Butylbenzene	0.0068		0.0015	0.00044	mg/Kg	1	☼	8260D	Total/NA
tert-Butylbenzene	0.0019		0.0015	0.00042	mg/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	0.17	J	0.39	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.19	J	0.39	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.032	J	0.039	0.029	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.013	J	0.039	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.017	J	0.039	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0087	J	0.039	0.0076	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.036	J	0.39	0.021	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.022	J	0.39	0.016	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.14	J	0.39	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.085	J	0.39	0.0067	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.15	J	0.39	0.0097	mg/Kg	1	☼	8270E	Total/NA
Aluminum	1380		19.0	5.2	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.4		0.95	0.098	mg/Kg	1	☼	6020B	Total/NA
Barium	8.5		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.096	J	0.38	0.021	mg/Kg	1	☼	6020B	Total/NA
Calcium	26200		95.1	9.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	4.1		1.9	0.28	mg/Kg	1	☼	6020B	Total/NA
Cobalt	1.7	J	1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	5.2		1.9	0.35	mg/Kg	1	☼	6020B	Total/NA
Iron	5130		57.0	7.3	mg/Kg	1	☼	6020B	Total/NA
Lead	3.1		0.57	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	13800		95.1	9.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	78.9		3.8	0.38	mg/Kg	1	☼	6020B	Total/NA
Nickel	3.2		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	275		95.1	15.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.14	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Sodium	43.8	J	95.1	43.4	mg/Kg	1	☼	6020B	Total/NA
Vanadium	6.7		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	10.6		7.6	1.0	mg/Kg	1	☼	6020B	Total/NA
Cr (III)	4.1		2.0	2.0	mg/Kg	1	☼	7196A	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-05(0-2)
Date Collected: 06/16/25 12:00
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-1
Matrix: Solid
Percent Solids: 95.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
2-Butanone (MEK)	**0.0069**		0.0058	0.00043	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Acetone	**0.052**		0.0070	0.0067	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Chlorobromomethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Chlorodibromomethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
N-Propylbenzene	0.0012	U	0.0012	0.00053	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-05(0-2)
Lab Sample ID: 460-328732-1
Date Collected: 06/16/25 12:00
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 95.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	06/18/25 08:26	06/21/25 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*	*06/18/25 08:26*	*06/21/25 12:04*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*	*06/18/25 08:26*	*06/21/25 12:04*	*1*
Dibromofluoromethane (Surr)	*93*		*50 - 150*	*06/18/25 08:26*	*06/21/25 12:04*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*	*06/18/25 08:26*	*06/21/25 12:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.023	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.035	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
2,4-Dimethylphenol	0.35	U	0.35	0.041	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
2-Chloronaphthalene	0.35	U	0.35	0.044	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
2-Methylnaphthalene	**0.019**	**J**	0.35	0.0097	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
2-Nitroaniline	0.35	U	0.35	0.026	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
3-Nitroaniline	0.35	U	0.35	0.082	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.019	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
4-Chloroaniline	0.35	U	0.35	0.061	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
4-Nitroaniline	0.35	U	0.35	0.088	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Acenaphthene	**0.011**	**J**	0.35	0.0099	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Acenaphthylene	0.35	U	0.35	0.0099	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1

Client Sample ID: RX-05(0-2)
Date Collected: 06/16/25 12:00
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-1
Matrix: Solid
Percent Solids: 95.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**0.034**	**J**	0.35	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Benzaldehyde	0.35	U	0.35	0.057	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Benzo[a]anthracene	**0.22**		0.035	0.026	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Benzo[a]pyrene	**0.23**		0.035	0.0092	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Benzo[b]fluoranthene	**0.32**		0.035	0.0089	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Benzo[g,h,i]perylene	**0.074**	**J**	0.35	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Benzo[k]fluoranthene	**0.15**		0.035	0.0068	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Bis(2-ethylhexyl) phthalate	**0.026**	**J**	0.35	0.018	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Chrysene	**0.23**	**J**	0.35	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Dibenz(a,h)anthracene	**0.022**	**J**	0.035	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Fluoranthene	**0.42**		0.35	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Hexachlorobenzene	0.035	U	0.035	0.016	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Hexachlorobutadiene	0.070	U	0.070	0.0074	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.030	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Indeno[1,2,3-cd]pyrene	**0.084**		0.035	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Naphthalene	**0.0092**	**J**	0.35	0.0060	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.028	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Phenanthrene	**0.16**	**J**	0.35	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1
Pyrene	**0.42**		0.35	0.0086	mg/Kg	☼	06/19/25 18:37	06/20/25 12:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*18 - 137*	*06/19/25 18:37*	*06/20/25 12:00*	*1*
2-Fluorobiphenyl	*61*		*33 - 117*	*06/19/25 18:37*	*06/20/25 12:00*	*1*
2-Fluorophenol (Surr)	*63*		*24 - 120*	*06/19/25 18:37*	*06/20/25 12:00*	*1*
Nitrobenzene-d5 (Surr)	*59*		*27 - 120*	*06/19/25 18:37*	*06/20/25 12:00*	*1*
Phenol-d5 (Surr)	*62*		*28 - 118*	*06/19/25 18:37*	*06/20/25 12:00*	*1*
Terphenyl-d14 (Surr)	*58*		*33 - 124*	*06/19/25 18:37*	*06/20/25 12:00*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	06/18/25 17:35	06/19/25 09:42	1
4,4'-DDE	0.0070	U	0.0070	0.00083	mg/Kg	☼	06/18/25 17:35	06/19/25 09:42	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-05(0-2)
Lab Sample ID: 460-328732-1
Date Collected: 06/16/25 12:00
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 95.6

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	06/18/25 17:35	06/19/25 09:42	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	06/18/25 17:35	06/19/25 09:42	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	06/18/25 17:35	06/19/25 09:42	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	06/18/25 17:35	06/19/25 09:42	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	06/18/25 17:35	06/19/25 09:42	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	06/18/25 17:35	06/19/25 09:42	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	06/18/25 17:35	06/19/25 09:42	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	06/18/25 17:35	06/19/25 09:42	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	06/18/25 17:35	06/19/25 09:42	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	06/18/25 17:35	06/19/25 09:42	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	06/18/25 17:35	06/19/25 09:42	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	06/18/25 17:35	06/19/25 09:42	1
Endrin aldehyde	0.0070	U	0.0070	0.0017	mg/Kg	☼	06/18/25 17:35	06/19/25 09:42	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	06/18/25 17:35	06/19/25 09:42	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	06/18/25 17:35	06/19/25 09:42	1
Heptachlor	0.0070	U	0.0070	0.00083	mg/Kg	☼	06/18/25 17:35	06/19/25 09:42	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	06/18/25 17:35	06/19/25 09:42	1
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	06/18/25 17:35	06/19/25 09:42	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	06/18/25 17:35	06/19/25 09:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*06/18/25 17:35*	*06/19/25 09:42*	*1*
DCB Decachlorobiphenyl	*114*		*10 - 150*	*06/18/25 17:35*	*06/19/25 09:42*	*1*
Tetrachloro-m-xylene	*100*		*14 - 150*	*06/18/25 17:35*	*06/19/25 09:42*	*1*
Tetrachloro-m-xylene	*94*		*14 - 150*	*06/18/25 17:35*	*06/19/25 09:42*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 19:20	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 19:20	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 19:20	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 19:20	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 19:20	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 19:20	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 19:20	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 19:20	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 19:20	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*2*	*	*10 - 150*	*06/18/25 17:27*	*06/19/25 19:20*	*1*
DCB Decachlorobiphenyl	*175*	*	*10 - 150*	*06/18/25 17:27*	*06/19/25 19:20*	*1*
Tetrachloro-m-xylene	*131*		*10 - 150*	*06/18/25 17:27*	*06/19/25 19:20*	*1*
Tetrachloro-m-xylene	*143*		*10 - 150*	*06/18/25 17:27*	*06/19/25 19:20*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.035	U	0.035	0.0074	mg/Kg	☼	06/19/25 05:48	06/21/25 10:32	1
2,4-D	0.035	U	0.035	0.013	mg/Kg	☼	06/19/25 05:48	06/21/25 10:32	1
Silvex (2,4,5-TP)	0.035	U	0.035	0.0036	mg/Kg	☼	06/19/25 05:48	06/21/25 10:32	1

Client Sample ID: RX-05(0-2)
Lab Sample ID: 460-328732-1

Date Collected: 06/16/25 12:00
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 95.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*324*	*	*38 - 150*	*06/19/25 05:48*	*06/21/25 10:32*	*1*
2,4-Dichlorophenylacetic acid	*141*		*38 - 150*	*06/19/25 05:48*	*06/21/25 10:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4990**		15.4	4.2	mg/Kg	☼	06/20/25 19:05	06/21/25 17:40	1
Antimony	**0.57**	**J**	0.77	0.11	mg/Kg	☼	06/20/25 19:05	06/21/25 17:40	1
Arsenic	**4.0**		0.77	0.079	mg/Kg	☼	06/20/25 19:05	06/21/25 17:40	1
Barium	**43.3**		1.5	0.11	mg/Kg	☼	06/20/25 19:05	06/21/25 17:40	1
Beryllium	**0.26**	**J**	0.31	0.017	mg/Kg	☼	06/20/25 19:05	06/21/25 17:40	1
Cadmium	**0.18**	**J**	0.77	0.087	mg/Kg	☼	06/20/25 19:05	06/21/25 17:40	1
Calcium	**53200**		76.9	7.5	mg/Kg	☼	06/20/25 19:05	06/21/25 17:40	1
Chromium	**48.8**		1.5	0.23	mg/Kg	☼	06/20/25 19:05	06/21/25 17:40	1
Cobalt	**3.4**		1.5	0.11	mg/Kg	☼	06/20/25 19:05	06/21/25 17:40	1
Copper	**25.6**		1.5	0.28	mg/Kg	☼	06/20/25 19:05	06/21/25 17:40	1
Iron	**13200**		46.1	5.9	mg/Kg	☼	06/20/25 19:05	06/21/25 17:40	1
Lead	**52.2**		0.46	0.15	mg/Kg	☼	06/20/25 19:05	06/21/25 17:40	1
Magnesium	**9820**		76.9	7.8	mg/Kg	☼	06/20/25 19:05	06/21/25 17:40	1
Manganese	**141**		3.1	0.31	mg/Kg	☼	06/20/25 19:05	06/21/25 17:40	1
Nickel	**18.3**		1.5	0.14	mg/Kg	☼	06/20/25 19:05	06/21/25 17:40	1
Potassium	**547**		76.9	12.5	mg/Kg	☼	06/20/25 19:05	06/21/25 17:40	1
Selenium	**0.23**	**J**	0.96	0.098	mg/Kg	☼	06/20/25 19:05	06/21/25 17:40	1
Silver	0.31	U	0.31	0.068	mg/Kg	☼	06/20/25 19:05	06/21/25 17:40	1
Sodium	**146**		76.9	35.1	mg/Kg	☼	06/20/25 19:05	06/21/25 17:40	1
Thallium	**0.059**	**J**	0.31	0.032	mg/Kg	☼	06/20/25 19:05	06/21/25 17:40	1
Vanadium	**14.0**		1.5	0.16	mg/Kg	☼	06/20/25 19:05	06/21/25 17:40	1
Zinc	**53.0**		6.2	0.84	mg/Kg	☼	06/20/25 19:05	06/21/25 17:40	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.36**		0.016	0.0077	mg/Kg	☼	06/23/25 00:54	06/23/25 11:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	**44.7**		2.0	2.0	mg/Kg	☼		06/23/25 00:31	1
Cr (VI) (SW846 7196A)	**4.1**		2.0	0.85	mg/Kg	☼	06/24/25 08:40	06/24/25 15:15	1
Cr (VI) (SW846 7196A)	**4.0**		2.0	0.85	mg/Kg	☼	06/25/25 09:40	06/25/25 10:51	1
Cyanide, Total (SW846 9012B)	0.24	U	0.24	0.13	mg/Kg	☼	06/22/25 14:52	06/22/25 17:45	1
Percent Moisture (EPA Moisture)	**4.4**		1.0	1.0	%			06/19/25 08:42	1
Percent Solids (EPA Moisture)	**95.6**		1.0	1.0	%			06/19/25 08:42	1

Client Sample ID: RX-05(4-6)
Lab Sample ID: 460-328732-2

Date Collected: 06/16/25 12:10
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-05(4-6)
Date Collected: 06/16/25 12:10
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-2
Matrix: Solid
Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.00098**	**J**	0.0012	0.00069	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00085	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
1,2,4-Trimethylbenzene	**0.00081**	**J**	0.0012	0.00028	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
2-Butanone (MEK)	**0.0028**	**J**	0.0058	0.00042	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Acetone	**0.031**		0.0069	0.0066	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Benzene	0.0012	U	0.0012	0.00065	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Carbon disulfide	**0.00098**	**J**	0.0012	0.00031	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Chlorobenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Chloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Chloromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Cyclohexane	0.0012	U	0.0012	0.00025	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Methylcyclohexane	0.0012	U	0.0012	0.00057	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
sec-Butylbenzene	**0.0012**		0.0012	0.00033	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1

Client Sample ID: RX-05(4-6)
Date Collected: 06/16/25 12:10
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-2
Matrix: Solid
Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	06/18/25 08:27	06/21/25 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*65 - 138*	*06/18/25 08:27*	*06/21/25 15:23*	*1*
4-Bromofluorobenzene	*82*		*71 - 128*	*06/18/25 08:27*	*06/21/25 15:23*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*	*06/18/25 08:27*	*06/21/25 15:23*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*06/18/25 08:27*	*06/21/25 15:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**0.086**	**J**	0.38	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
1,4-Dioxane	0.038	U	0.038	0.033	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.023	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.026	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
2,4,5-Trichlorophenol	0.38	U	0.38	0.039	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.049	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
2,4-Dichlorophenol	0.15	U	0.15	0.025	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
2,4-Dimethylphenol	0.38	U	0.38	0.046	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
2,4-Dinitrophenol	0.31	U	0.31	0.19	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
2,4-Dinitrotoluene	0.077	U	0.077	0.041	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
2,6-Dinitrotoluene	0.077	U	0.077	0.028	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
2-Chloronaphthalene	0.38	U	0.38	0.049	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
2-Chlorophenol	0.38	U	0.38	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
2-Methylnaphthalene	**0.35**	**J**	0.38	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
2-Methylphenol	0.38	U	0.38	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
2-Nitroaniline	0.38	U	0.38	0.029	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
2-Nitrophenol	0.38	U	0.38	0.038	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
3 & 4 Methylphenol	0.38	U	0.38	0.024	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.058	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
3-Nitroaniline	0.38	U	0.38	0.091	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.16	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
4-Chloro-3-methylphenol	0.38	U	0.38	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
4-Chloroaniline	0.38	U	0.38	0.068	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
4-Methylphenol	0.38	U	0.38	0.024	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
4-Nitroaniline	0.38	U	0.38	0.097	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
4-Nitrophenol	0.77	U	0.77	0.062	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Acenaphthene	**0.10**	**J**	0.38	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Acenaphthylene	0.38	U	0.38	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Acetophenone	0.38	U	0.38	0.019	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Anthracene	**0.13**	**J**	0.38	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Atrazine	0.15	U	0.15	0.023	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Benzaldehyde	0.38	U	0.38	0.063	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Benzo[a]anthracene	**0.25**		0.038	0.029	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1

Client Sample ID: RX-05(4-6)
Lab Sample ID: 460-328732-2
Date Collected: 06/16/25 12:10
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**0.22**		0.038	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Benzo[b]fluoranthene	**0.32**		0.038	0.0099	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Benzo[g,h,i]perylene	**0.11**	**J**	0.38	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Benzo[k]fluoranthene	**0.12**		0.038	0.0075	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.071	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Butyl benzyl phthalate	0.38	U	0.38	0.018	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Caprolactam	0.38	U	0.38	0.060	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Carbazole	0.38	U	0.38	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Chrysene	**0.24**	**J**	0.38	0.016	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Dibenz(a,h)anthracene	**0.028**	**J**	0.038	0.017	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Dibenzofuran	**0.062**	**J**	0.38	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Diethyl phthalate	0.38	U	0.38	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Dimethyl phthalate	0.38	U	0.38	0.087	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Di-n-butyl phthalate	0.38	U	0.38	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Fluoranthene	**0.68**		0.38	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Fluorene	**0.14**	**J**	0.38	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Hexachlorobenzene	0.038	U	0.038	0.018	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Hexachlorobutadiene	0.077	U	0.077	0.0081	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.034	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Hexachloroethane	0.038	U	0.038	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Indeno[1,2,3-cd]pyrene	**0.11**		0.038	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Naphthalene	**0.13**	**J**	0.38	0.0066	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Nitrobenzene	0.038	U	0.038	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.028	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.031	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Pentachlorophenol	0.31	U	0.31	0.078	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Phenanthrene	**0.55**		0.38	0.016	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Phenol	0.38	U	0.38	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1
Pyrene	**0.56**		0.38	0.0095	mg/Kg	☼	06/19/25 18:37	06/20/25 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*18 - 137*	*06/19/25 18:37*	*06/20/25 12:18*	*1*
2-Fluorobiphenyl	*59*		*33 - 117*	*06/19/25 18:37*	*06/20/25 12:18*	*1*
2-Fluorophenol (Surr)	*60*		*24 - 120*	*06/19/25 18:37*	*06/20/25 12:18*	*1*
Nitrobenzene-d5 (Surr)	*58*		*27 - 120*	*06/19/25 18:37*	*06/20/25 12:18*	*1*
Phenol-d5 (Surr)	*60*		*28 - 118*	*06/19/25 18:37*	*06/20/25 12:18*	*1*
Terphenyl-d14 (Surr)	*54*		*33 - 124*	*06/19/25 18:37*	*06/20/25 12:18*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0077	U	0.0077	0.0013	mg/Kg	☼	06/18/25 17:35	06/19/25 09:54	1
4,4'-DDE	0.0077	U	0.0077	0.00091	mg/Kg	☼	06/18/25 17:35	06/19/25 09:54	1
4,4'-DDT	0.0077	U	0.0077	0.0014	mg/Kg	☼	06/18/25 17:35	06/19/25 09:54	1
Aldrin	0.0077	U	0.0077	0.0012	mg/Kg	☼	06/18/25 17:35	06/19/25 09:54	1
alpha-BHC	0.0023	U	0.0023	0.00079	mg/Kg	☼	06/18/25 17:35	06/19/25 09:54	1
beta-BHC	0.0023	U	0.0023	0.00087	mg/Kg	☼	06/18/25 17:35	06/19/25 09:54	1

Client Sample ID: RX-05(4-6)
Date Collected: 06/16/25 12:10
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-2
Matrix: Solid
Percent Solids: 86.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.077	U	0.077	0.019	mg/Kg	☼	06/18/25 17:35	06/19/25 09:54	1
cis-Chlordane	0.0077	U	0.0077	0.0012	mg/Kg	☼	06/18/25 17:35	06/19/25 09:54	1
delta-BHC	0.0023	U	0.0023	0.00047	mg/Kg	☼	06/18/25 17:35	06/19/25 09:54	1
Dieldrin	0.0023	U	0.0023	0.0010	mg/Kg	☼	06/18/25 17:35	06/19/25 09:54	1
Endosulfan I	0.0077	U	0.0077	0.0012	mg/Kg	☼	06/18/25 17:35	06/19/25 09:54	1
Endosulfan II	0.0077	U	0.0077	0.0020	mg/Kg	☼	06/18/25 17:35	06/19/25 09:54	1
Endosulfan sulfate	0.0077	U	0.0077	0.00097	mg/Kg	☼	06/18/25 17:35	06/19/25 09:54	1
Endrin	0.0077	U	0.0077	0.0011	mg/Kg	☼	06/18/25 17:35	06/19/25 09:54	1
Endrin aldehyde	0.0077	U	0.0077	0.0018	mg/Kg	☼	06/18/25 17:35	06/19/25 09:54	1
Endrin ketone	0.0077	U	0.0077	0.0015	mg/Kg	☼	06/18/25 17:35	06/19/25 09:54	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00072	mg/Kg	☼	06/18/25 17:35	06/19/25 09:54	1
Heptachlor	0.0077	U	0.0077	0.00091	mg/Kg	☼	06/18/25 17:35	06/19/25 09:54	1
Heptachlor epoxide	0.0077	U	0.0077	0.0012	mg/Kg	☼	06/18/25 17:35	06/19/25 09:54	1
Methoxychlor	0.0077	U	0.0077	0.0018	mg/Kg	☼	06/18/25 17:35	06/19/25 09:54	1
Toxaphene	0.077	U	0.077	0.028	mg/Kg	☼	06/18/25 17:35	06/19/25 09:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*104*		*10 - 150*	*06/18/25 17:35*	*06/19/25 09:54*	*1*
DCB Decachlorobiphenyl	*112*		*10 - 150*	*06/18/25 17:35*	*06/19/25 09:54*	*1*
Tetrachloro-m-xylene	*92*		*14 - 150*	*06/18/25 17:35*	*06/19/25 09:54*	*1*
Tetrachloro-m-xylene	*88*		*14 - 150*	*06/18/25 17:35*	*06/19/25 09:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.077	U	0.077	0.021	mg/Kg	☼	06/18/25 17:27	06/19/25 19:37	1
Aroclor 1221	0.077	U	0.077	0.021	mg/Kg	☼	06/18/25 17:27	06/19/25 19:37	1
Aroclor 1232	0.077	U	0.077	0.021	mg/Kg	☼	06/18/25 17:27	06/19/25 19:37	1
Aroclor 1242	0.077	U	0.077	0.021	mg/Kg	☼	06/18/25 17:27	06/19/25 19:37	1
Aroclor 1248	0.077	U	0.077	0.021	mg/Kg	☼	06/18/25 17:27	06/19/25 19:37	1
Aroclor 1254	0.077	U	0.077	0.021	mg/Kg	☼	06/18/25 17:27	06/19/25 19:37	1
Aroclor 1260	0.077	U	0.077	0.021	mg/Kg	☼	06/18/25 17:27	06/19/25 19:37	1
Aroclor-1262	0.077	U	0.077	0.021	mg/Kg	☼	06/18/25 17:27	06/19/25 19:37	1
Aroclor 1268	0.077	U	0.077	0.021	mg/Kg	☼	06/18/25 17:27	06/19/25 19:37	1
Polychlorinated biphenyls, Total	0.077	U	0.077	0.021	mg/Kg	☼	06/18/25 17:27	06/19/25 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*174*	*	*10 - 150*	*06/18/25 17:27*	*06/19/25 19:37*	*1*
DCB Decachlorobiphenyl	*179*	*	*10 - 150*	*06/18/25 17:27*	*06/19/25 19:37*	*1*
Tetrachloro-m-xylene	*128*		*10 - 150*	*06/18/25 17:27*	*06/19/25 19:37*	*1*
Tetrachloro-m-xylene	*138*		*10 - 150*	*06/18/25 17:27*	*06/19/25 19:37*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.038	U	0.038	0.0082	mg/Kg	☼	06/19/25 05:48	06/21/25 10:51	1
2,4-D	0.038	U	0.038	0.014	mg/Kg	☼	06/19/25 05:48	06/21/25 10:51	1
Silvex (2,4,5-TP)	0.038	U	0.038	0.0040	mg/Kg	☼	06/19/25 05:48	06/21/25 10:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*913*	*	*38 - 150*	*06/19/25 05:48*	*06/21/25 10:51*	*1*
2,4-Dichlorophenylacetic acid	*925*	*	*38 - 150*	*06/19/25 05:48*	*06/21/25 10:51*	*1*

Client Sample ID: RX-05(4-6)
Lab Sample ID: 460-328732-2

Date Collected: 06/16/25 12:10
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4910**		17.3	4.7	mg/Kg	☼	06/20/25 19:05	06/21/25 17:43	1
Antimony	**0.44**	**J**	0.86	0.13	mg/Kg	☼	06/20/25 19:05	06/21/25 17:43	1
Arsenic	**6.3**		0.86	0.089	mg/Kg	☼	06/20/25 19:05	06/21/25 17:43	1
Barium	**68.5**		1.7	0.13	mg/Kg	☼	06/20/25 19:05	06/21/25 17:43	1
Beryllium	**0.41**		0.35	0.019	mg/Kg	☼	06/20/25 19:05	06/21/25 17:43	1
Cadmium	**0.19**	**J**	0.86	0.098	mg/Kg	☼	06/20/25 19:05	06/21/25 17:43	1
Calcium	**27000**		86.3	8.4	mg/Kg	☼	06/20/25 19:05	06/21/25 17:43	1
Chromium	**12.7**		1.7	0.26	mg/Kg	☼	06/20/25 19:05	06/21/25 17:43	1
Cobalt	**6.6**		1.7	0.13	mg/Kg	☼	06/20/25 19:05	06/21/25 17:43	1
Copper	**30.3**		1.7	0.32	mg/Kg	☼	06/20/25 19:05	06/21/25 17:43	1
Iron	**14200**		51.8	6.6	mg/Kg	☼	06/20/25 19:05	06/21/25 17:43	1
Lead	**154**		0.52	0.17	mg/Kg	☼	06/20/25 19:05	06/21/25 17:43	1
Magnesium	**2870**		86.3	8.8	mg/Kg	☼	06/20/25 19:05	06/21/25 17:43	1
Manganese	**137**		3.5	0.35	mg/Kg	☼	06/20/25 19:05	06/21/25 17:43	1
Nickel	**18.2**		1.7	0.15	mg/Kg	☼	06/20/25 19:05	06/21/25 17:43	1
Potassium	**842**		86.3	14.0	mg/Kg	☼	06/20/25 19:05	06/21/25 17:43	1
Selenium	**0.83**	**J**	1.1	0.11	mg/Kg	☼	06/20/25 19:05	06/21/25 17:43	1
Silver	0.35	U	0.35	0.077	mg/Kg	☼	06/20/25 19:05	06/21/25 17:43	1
Sodium	**144**		86.3	39.4	mg/Kg	☼	06/20/25 19:05	06/21/25 17:43	1
Thallium	**0.13**	**J**	0.35	0.035	mg/Kg	☼	06/20/25 19:05	06/21/25 17:43	1
Vanadium	**17.1**		1.7	0.18	mg/Kg	☼	06/20/25 19:05	06/21/25 17:43	1
Zinc	**62.6**		6.9	0.94	mg/Kg	☼	06/20/25 19:05	06/21/25 17:43	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.049**		0.019	0.0088	mg/Kg	☼	06/23/25 00:54	06/23/25 11:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	**12.7**		2.0	2.0	mg/Kg	☼		06/23/25 00:31	1
Cr (VI) (SW846 7196A)	2.3	U	2.3	0.96	mg/Kg	☼	06/24/25 08:40	06/24/25 15:15	1
Cr (VI) (SW846 7196A)	**2.3**		2.2	0.94	mg/Kg	☼	06/25/25 09:40	06/25/25 10:51	1
Cyanide, Total (SW846 9012B)	0.27	U	0.27	0.15	mg/Kg	☼	06/22/25 14:52	06/22/25 17:46	1
Percent Moisture (EPA Moisture)	**13.5**		1.0	1.0	%			06/19/25 08:42	1
Percent Solids (EPA Moisture)	**86.5**		1.0	1.0	%			06/19/25 08:42	1

Client Sample ID: RX-06(0-2)
Lab Sample ID: 460-328732-3

Date Collected: 06/16/25 12:50
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 99.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00090	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328732-1

Client Sample ID: RX-06(0-2)
Date Collected: 06/16/25 12:50
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-3
Matrix: Solid
Percent Solids: 99.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
2-Butanone (MEK)	**0.0034**	**J**	0.0061	0.00045	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Acetone	**0.031**		0.0073	0.0070	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Carbon disulfide	**0.0045**		0.0012	0.00033	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Chlorobromomethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Chlorodibromomethane	0.0012	U	0.0012	0.00066	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Cyclohexane	**0.00072**	**J**	0.0012	0.00027	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Methyl acetate	0.0061	U	0.0061	0.0053	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Methylcyclohexane	**0.0016**		0.0012	0.00061	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
N-Propylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1

Client Sample ID: RX-06(0-2)
Date Collected: 06/16/25 12:50
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-3
Matrix: Solid
Percent Solids: 99.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	06/18/25 08:28	06/21/25 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*76*		*65 - 138*	*06/18/25 08:28*	*06/21/25 12:29*	*1*
4-Bromofluorobenzene	*73*		*71 - 128*	*06/18/25 08:28*	*06/21/25 12:29*	*1*
Dibromofluoromethane (Surr)	*78*		*50 - 150*	*06/18/25 08:28*	*06/21/25 12:29*	*1*
Toluene-d8 (Surr)	*85*		*71 - 126*	*06/18/25 08:28*	*06/21/25 12:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
4-Nitroaniline	0.33	U	0.33	0.085	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
4-Nitrophenol	0.68	U	0.68	0.054	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Acenaphthene	**0.011**	**J**	0.33	0.0095	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Acenaphthylene	0.33	U	0.33	0.0096	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Anthracene	0.33	U	0.33	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Atrazine	0.13	U	0.13	0.020	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Benzo[a]pyrene	**0.020**	**J**	0.033	0.0089	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Benzo[b]fluoranthene	**0.030**	**J**	0.033	0.0086	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Benzo[g,h,i]perylene	**0.020**	**J**	0.33	0.0099	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Benzo[k]fluoranthene	**0.0094**	**J**	0.033	0.0066	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1

Client Sample ID: RX-06(0-2)
Date Collected: 06/16/25 12:50
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-3
Matrix: Solid
Percent Solids: 99.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.062	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Bis(2-ethylhexyl) phthalate	**0.058**	**J**	0.33	0.018	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Caprolactam	0.33	U	0.33	0.052	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Carbazole	0.33	U	0.33	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Chrysene	**0.030**	**J**	0.33	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Di-n-butyl phthalate	0.33	U	0.33	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Fluoranthene	**0.047**	**J**	0.33	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Fluorene	**0.011**	**J**	0.33	0.0098	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Hexachlorobutadiene	0.068	U	0.068	0.0071	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Isophorone	0.13	U	0.13	0.097	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Naphthalene	**0.0063**	**J**	0.33	0.0058	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Nitrobenzene	0.033	U	0.033	0.019	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Phenanthrene	**0.026**	**J**	0.33	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Phenol	0.33	U	0.33	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1
Pyrene	**0.056**	**J**	0.33	0.0083	mg/Kg	☼	06/19/25 18:37	06/20/25 07:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*18 - 137*	*06/19/25 18:37*	*06/20/25 07:38*	*1*
2-Fluorobiphenyl	*62*		*33 - 117*	*06/19/25 18:37*	*06/20/25 07:38*	*1*
2-Fluorophenol (Surr)	*64*		*24 - 120*	*06/19/25 18:37*	*06/20/25 07:38*	*1*
Nitrobenzene-d5 (Surr)	*61*		*27 - 120*	*06/19/25 18:37*	*06/20/25 07:38*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*06/19/25 18:37*	*06/20/25 07:38*	*1*
Terphenyl-d14 (Surr)	*57*		*33 - 124*	*06/19/25 18:37*	*06/20/25 07:38*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0068	U	0.0068	0.0012	mg/Kg	☼	06/18/25 17:35	06/19/25 08:42	1
4,4'-DDE	0.0068	U	0.0068	0.00080	mg/Kg	☼	06/18/25 17:35	06/19/25 08:42	1
4,4'-DDT	0.0068	U	0.0068	0.0012	mg/Kg	☼	06/18/25 17:35	06/19/25 08:42	1
Aldrin	0.0068	U	0.0068	0.0010	mg/Kg	☼	06/18/25 17:35	06/19/25 08:42	1
alpha-BHC	0.0020	U	0.0020	0.00069	mg/Kg	☼	06/18/25 17:35	06/19/25 08:42	1
beta-BHC	0.0020	U	0.0020	0.00076	mg/Kg	☼	06/18/25 17:35	06/19/25 08:42	1
Chlordane (technical)	0.068	U	0.068	0.016	mg/Kg	☼	06/18/25 17:35	06/19/25 08:42	1
cis-Chlordane	0.0068	U	0.0068	0.0011	mg/Kg	☼	06/18/25 17:35	06/19/25 08:42	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg	☼	06/18/25 17:35	06/19/25 08:42	1
Dieldrin	0.0020	U	0.0020	0.00088	mg/Kg	☼	06/18/25 17:35	06/19/25 08:42	1

Client Sample ID: RX-06(0-2)
Date Collected: 06/16/25 12:50
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-3
Matrix: Solid
Percent Solids: 99.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	0.0068	U	0.0068	0.0010	mg/Kg	☼	06/18/25 17:35	06/19/25 08:42	1
Endosulfan II	0.0068	U	0.0068	0.0017	mg/Kg	☼	06/18/25 17:35	06/19/25 08:42	1
Endosulfan sulfate	0.0068	U	0.0068	0.00085	mg/Kg	☼	06/18/25 17:35	06/19/25 08:42	1
Endrin	0.0068	U	0.0068	0.00097	mg/Kg	☼	06/18/25 17:35	06/19/25 08:42	1
Endrin aldehyde	0.0068	U	0.0068	0.0016	mg/Kg	☼	06/18/25 17:35	06/19/25 08:42	1
Endrin ketone	0.0068	U	0.0068	0.0013	mg/Kg	☼	06/18/25 17:35	06/19/25 08:42	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00063	mg/Kg	☼	06/18/25 17:35	06/19/25 08:42	1
Heptachlor	0.0068	U	0.0068	0.00080	mg/Kg	☼	06/18/25 17:35	06/19/25 08:42	1
Heptachlor epoxide	0.0068	U	0.0068	0.0010	mg/Kg	☼	06/18/25 17:35	06/19/25 08:42	1
Methoxychlor	0.0068	U	0.0068	0.0015	mg/Kg	☼	06/18/25 17:35	06/19/25 08:42	1
Toxaphene	0.068	U	0.068	0.024	mg/Kg	☼	06/18/25 17:35	06/19/25 08:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*86*		*10 - 150*	*06/18/25 17:35*	*06/19/25 08:42*	*1*
DCB Decachlorobiphenyl	*94*		*10 - 150*	*06/18/25 17:35*	*06/19/25 08:42*	*1*
Tetrachloro-m-xylene	*81*		*14 - 150*	*06/18/25 17:35*	*06/19/25 08:42*	*1*
Tetrachloro-m-xylene	*84*		*14 - 150*	*06/18/25 17:35*	*06/19/25 08:42*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.068	U	0.068	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 19:53	1
Aroclor 1221	0.068	U	0.068	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 19:53	1
Aroclor 1232	0.068	U	0.068	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 19:53	1
Aroclor 1242	0.068	U	0.068	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 19:53	1
Aroclor 1248	0.068	U	0.068	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 19:53	1
Aroclor 1254	0.068	U	0.068	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 19:53	1
Aroclor 1260	0.068	U	0.068	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 19:53	1
Aroclor-1262	0.068	U	0.068	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 19:53	1
Aroclor 1268	0.068	U	0.068	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 19:53	1
Polychlorinated biphenyls, Total	0.068	U	0.068	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*151*	*	*10 - 150*	*06/18/25 17:27*	*06/19/25 19:53*	*1*
DCB Decachlorobiphenyl	*165*	*	*10 - 150*	*06/18/25 17:27*	*06/19/25 19:53*	*1*
Tetrachloro-m-xylene	*124*		*10 - 150*	*06/18/25 17:27*	*06/19/25 19:53*	*1*
Tetrachloro-m-xylene	*136*		*10 - 150*	*06/18/25 17:27*	*06/19/25 19:53*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.034	U	0.034	0.0071	mg/Kg	☼	06/19/25 05:48	06/21/25 10:13	1
2,4-D	0.034	U	0.034	0.012	mg/Kg	☼	06/19/25 05:48	06/21/25 10:13	1
Silvex (2,4,5-TP)	0.034	U	0.034	0.0035	mg/Kg	☼	06/19/25 05:48	06/21/25 10:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*957*	*	*38 - 150*	*06/19/25 05:48*	*06/21/25 10:13*	*1*
2,4-Dichlorophenylacetic acid	*155*	*	*38 - 150*	*06/19/25 05:48*	*06/21/25 10:13*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6300**		16.2	4.4	mg/Kg	☼	06/20/25 19:05	06/21/25 17:12	1
Antimony	**0.81**		0.81	0.12	mg/Kg	☼	06/20/25 19:05	06/21/25 17:12	1

Client Sample ID: RX-06(0-2)
Lab Sample ID: 460-328732-3
Date Collected: 06/16/25 12:50
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 99.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.8		0.81	0.083	mg/Kg	☼	06/20/25 19:05	06/21/25 17:12	1
Barium	41.9		1.6	0.12	mg/Kg	☼	06/20/25 19:05	06/21/25 17:12	1
Beryllium	0.21	J	0.32	0.018	mg/Kg	☼	06/20/25 19:05	06/21/25 17:12	1
Cadmium	0.11	J	0.81	0.091	mg/Kg	☼	06/20/25 19:05	06/21/25 17:12	1
Calcium	41200		80.8	7.9	mg/Kg	☼	06/20/25 19:05	06/21/25 17:12	1
Chromium	18.6		1.6	0.24	mg/Kg	☼	06/20/25 19:05	06/21/25 17:12	1
Cobalt	7.7		1.6	0.12	mg/Kg	☼	06/20/25 19:05	06/21/25 17:12	1
Copper	51.3		1.6	0.30	mg/Kg	☼	06/20/25 19:05	06/21/25 17:12	1
Iron	32300		48.5	6.2	mg/Kg	☼	06/20/25 19:05	06/21/25 17:12	1
Lead	60.7		0.48	0.16	mg/Kg	☼	06/20/25 19:05	06/21/25 17:12	1
Magnesium	18000		80.8	8.2	mg/Kg	☼	06/20/25 19:05	06/21/25 17:12	1
Manganese	259		3.2	0.33	mg/Kg	☼	06/20/25 19:05	06/21/25 17:12	1
Nickel	13.7		1.6	0.14	mg/Kg	☼	06/20/25 19:05	06/21/25 17:12	1
Potassium	714		80.8	13.1	mg/Kg	☼	06/20/25 19:05	06/21/25 17:12	1
Selenium	0.14	J	1.0	0.10	mg/Kg	☼	06/20/25 19:05	06/21/25 17:12	1
Silver	0.093	J	0.32	0.072	mg/Kg	☼	06/20/25 19:05	06/21/25 17:12	1
Sodium	724		80.8	36.9	mg/Kg	☼	06/20/25 19:05	06/21/25 17:12	1
Thallium	0.053	J	0.32	0.033	mg/Kg	☼	06/20/25 19:05	06/21/25 17:12	1
Vanadium	50.4		1.6	0.17	mg/Kg	☼	06/20/25 19:05	06/21/25 17:12	1
Zinc	57.3		6.5	0.88	mg/Kg	☼	06/20/25 19:05	06/21/25 17:12	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030		0.016	0.0077	mg/Kg	☼	06/23/25 00:54	06/23/25 10:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	18.6		2.0	2.0	mg/Kg	☼		06/23/25 00:31	1
Cr (VI) (SW846 7196A)	2.0	U	2.0	0.86	mg/Kg	☼	06/24/25 08:40	06/24/25 15:15	1
Cr (VI) (SW846 7196A)	2.0	U	2.0	0.86	mg/Kg	☼	06/25/25 09:40	06/25/25 10:51	1
Cyanide, Total (SW846 9012B)	0.23		0.23	0.13	mg/Kg	☼	06/22/25 14:55	06/22/25 17:50	1
Percent Moisture (EPA Moisture)	1.0		1.0	1.0	%			06/19/25 08:42	1
Percent Solids (EPA Moisture)	99.0		1.0	1.0	%			06/19/25 08:42	1

Client Sample ID: DUP_SO_06162025
Lab Sample ID: 460-328732-4
Date Collected: 06/16/25 13:00
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 96.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00092	U	0.00092	0.00021	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
1,1,2,2-Tetrachloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00092	U	0.00092	0.00028	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
1,1,2-Trichloroethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
1,1-Dichloroethane	0.00061	J	0.00092	0.00055	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
1,1-Dichloroethene	0.00092	U	0.00092	0.00021	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
1,2,3-Trichlorobenzene	0.00092	U	0.00092	0.00068	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
1,2,4-Trichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
1,2,4-Trimethylbenzene	0.00092	U	0.00092	0.00023	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
1,2-Dibromo-3-Chloropropane	0.00092	U	0.00092	0.00042	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328732-1

Client Sample ID: DUP_SO_06162025
Date Collected: 06/16/25 13:00
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-4
Matrix: Solid
Percent Solids: 96.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
1,2-Dichloroethane	0.00092	U	0.00092	0.00027	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
1,2-Dichloropropane	0.00092	U	0.00092	0.00039	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
1,3,5-Trimethylbenzene	0.00092	U	0.00092	0.00029	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
1,3-Dichlorobenzene	0.00092	U	0.00092	0.00034	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
1,4-Dichlorobenzene	0.00092	U	0.00092	0.00048	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
2-Butanone (MEK)	**0.0027**	**J**	0.0046	0.00034	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Acetone	**0.024**		0.0055	0.0053	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Benzene	0.00092	U	0.00092	0.00052	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Bromoform	0.00092	U	0.00092	0.00039	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Bromomethane	0.0018	U	0.0018	0.00092	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Carbon disulfide	**0.0021**		0.00092	0.00025	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Carbon tetrachloride	0.00092	U	0.00092	0.00036	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Chlorobenzene	0.00092	U	0.00092	0.00047	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Chlorobromomethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Chlorodibromomethane	0.00092	U	0.00092	0.00049	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Chloroethane	**0.00066**	**J**	0.00092	0.00048	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Chloroform	0.00092	U	0.00092	0.00089	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Chloromethane	0.00092	U	0.00092	0.00040	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
cis-1,2-Dichloroethene	0.00092	U	0.00092	0.00033	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
cis-1,3-Dichloropropene	0.00092	U	0.00092	0.00025	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Cyclohexane	0.00092	U	0.00092	0.00020	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Dichlorobromomethane	0.00092	U	0.00092	0.00024	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Dichlorodifluoromethane	0.00092	U	0.00092	0.00031	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Ethylbenzene	0.00092	U	0.00092	0.00043	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Ethylene Dibromide	0.00092	U	0.00092	0.00046	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Isopropylbenzene	**0.00057**	**J**	0.00092	0.00026	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Methyl acetate	0.0046	U	0.0046	0.0040	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Methyl tert-butyl ether	0.00092	U	0.00092	0.00047	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Methylcyclohexane	**0.00065**	**J**	0.00092	0.00046	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Methylene Chloride	0.0018	U	0.0018	0.0011	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
m-Xylene & p-Xylene	0.00092	U	0.00092	0.00039	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
n-Butylbenzene	0.00092	U	0.00092	0.00027	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
N-Propylbenzene	0.00092	U	0.00092	0.00041	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
o-Xylene	0.00092	U	0.00092	0.00042	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
sec-Butylbenzene	**0.00055**	**J**	0.00092	0.00027	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Styrene	0.00092	U	0.00092	0.00026	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
tert-Butylbenzene	0.00092	U	0.00092	0.00025	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Tetrachloroethene	0.00092	U	0.00092	0.00028	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Toluene	0.00092	U	0.00092	0.00022	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
trans-1,2-Dichloroethene	0.00092	U	0.00092	0.00023	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
trans-1,3-Dichloropropene	0.00092	U	0.00092	0.00025	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Trichloroethene	0.00092	U	0.00092	0.00030	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Trichlorofluoromethane	0.00092	U	0.00092	0.00037	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Vinyl chloride	0.00092	U	0.00092	0.00050	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	06/18/25 08:30	06/21/25 12:55	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328732-1

Client Sample ID: DUP_SO_06162025
Date Collected: 06/16/25 13:00
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-4
Matrix: Solid
Percent Solids: 96.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*65 - 138*	*06/18/25 08:30*	*06/21/25 12:55*	*1*
4-Bromofluorobenzene	*89*		*71 - 128*	*06/18/25 08:30*	*06/21/25 12:55*	*1*
Dibromofluoromethane (Surr)	*102*		*50 - 150*	*06/18/25 08:30*	*06/21/25 12:55*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*06/18/25 08:30*	*06/21/25 12:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
2-Methylnaphthalene	0.34	U	0.34	0.0096	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
3-Nitroaniline	0.34	U	0.34	0.081	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
4-Nitrophenol	0.69	U	0.69	0.056	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Acenaphthene	**0.013**	**J**	0.34	0.0097	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Acenaphthylene	0.34	U	0.34	0.0098	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Benzo[a]pyrene	**0.011**	**J**	0.034	0.0091	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Benzo[b]fluoranthene	**0.016**	**J**	0.034	0.0088	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0067	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Bis(2-ethylhexyl) phthalate	**0.023**	**J**	0.34	0.018	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1

Client Sample ID: DUP_SO_06162025
Lab Sample ID: 460-328732-4
Date Collected: 06/16/25 13:00
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 96.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Fluoranthene	**0.024**	**J**	0.34	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Hexachlorobutadiene	0.069	U	0.069	0.0073	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Isophorone	0.14	U	0.14	0.099	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Pentachlorophenol	0.27	U	0.27	0.070	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Phenanthrene	**0.015**	**J**	0.34	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1
Pyrene	**0.029**	**J**	0.34	0.0085	mg/Kg	☼	06/19/25 18:37	06/20/25 09:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*18 - 137*	*06/19/25 18:37*	*06/20/25 09:40*	*1*
2-Fluorobiphenyl	*62*		*33 - 117*	*06/19/25 18:37*	*06/20/25 09:40*	*1*
2-Fluorophenol (Surr)	*62*		*24 - 120*	*06/19/25 18:37*	*06/20/25 09:40*	*1*
Nitrobenzene-d5 (Surr)	*61*		*27 - 120*	*06/19/25 18:37*	*06/20/25 09:40*	*1*
Phenol-d5 (Surr)	*61*		*28 - 118*	*06/19/25 18:37*	*06/20/25 09:40*	*1*
Terphenyl-d14 (Surr)	*56*		*33 - 124*	*06/19/25 18:37*	*06/20/25 09:40*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	☼	06/18/25 17:35	06/19/25 10:07	1
4,4'-DDE	0.0069	U	0.0069	0.00082	mg/Kg	☼	06/18/25 17:35	06/19/25 10:07	1
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	☼	06/18/25 17:35	06/19/25 10:07	1
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	☼	06/18/25 17:35	06/19/25 10:07	1
alpha-BHC	0.0021	U	0.0021	0.00070	mg/Kg	☼	06/18/25 17:35	06/19/25 10:07	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	06/18/25 17:35	06/19/25 10:07	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	☼	06/18/25 17:35	06/19/25 10:07	1
cis-Chlordane	0.0069	U	0.0069	0.0011	mg/Kg	☼	06/18/25 17:35	06/19/25 10:07	1
delta-BHC	0.0021	U	0.0021	0.00042	mg/Kg	☼	06/18/25 17:35	06/19/25 10:07	1
Dieldrin	0.0021	U	0.0021	0.00090	mg/Kg	☼	06/18/25 17:35	06/19/25 10:07	1
Endosulfan I	0.0069	U	0.0069	0.0011	mg/Kg	☼	06/18/25 17:35	06/19/25 10:07	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	☼	06/18/25 17:35	06/19/25 10:07	1
Endosulfan sulfate	0.0069	U	0.0069	0.00087	mg/Kg	☼	06/18/25 17:35	06/19/25 10:07	1

Client Sample ID: DUP_SO_06162025
Lab Sample ID: 460-328732-4

Date Collected: 06/16/25 13:00
Matrix: Solid

Date Received: 06/17/25 20:00
Percent Solids: 96.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	0.0069	U	0.0069	0.00099	mg/Kg	☼	06/18/25 17:35	06/19/25 10:07	1
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	☼	06/18/25 17:35	06/19/25 10:07	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	☼	06/18/25 17:35	06/19/25 10:07	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	☼	06/18/25 17:35	06/19/25 10:07	1
Heptachlor	0.0069	U	0.0069	0.00082	mg/Kg	☼	06/18/25 17:35	06/19/25 10:07	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	☼	06/18/25 17:35	06/19/25 10:07	1
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	☼	06/18/25 17:35	06/19/25 10:07	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	☼	06/18/25 17:35	06/19/25 10:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*06/18/25 17:35*	*06/19/25 10:07*	*1*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*06/18/25 17:35*	*06/19/25 10:07*	*1*
Tetrachloro-m-xylene	*113*		*14 - 150*	*06/18/25 17:35*	*06/19/25 10:07*	*1*
Tetrachloro-m-xylene	*102*		*14 - 150*	*06/18/25 17:35*	*06/19/25 10:07*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 20:10	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 20:10	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 20:10	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 20:10	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 20:10	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 20:10	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 20:10	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 20:10	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 20:10	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*182*	*	*10 - 150*	*06/18/25 17:27*	*06/19/25 20:10*	*1*
DCB Decachlorobiphenyl	*190*	*	*10 - 150*	*06/18/25 17:27*	*06/19/25 20:10*	*1*
Tetrachloro-m-xylene	*147*		*10 - 150*	*06/18/25 17:27*	*06/19/25 20:10*	*1*
Tetrachloro-m-xylene	*160*	*	*10 - 150*	*06/18/25 17:27*	*06/19/25 20:10*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.034	U	0.034	0.0073	mg/Kg	☼	06/19/25 05:48	06/21/25 11:10	1
2,4-D	0.034	U	0.034	0.012	mg/Kg	☼	06/19/25 05:48	06/21/25 11:10	1
Silvex (2,4,5-TP)	0.034	U	0.034	0.0036	mg/Kg	☼	06/19/25 05:48	06/21/25 11:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*2245*	*	*38 - 150*	*06/19/25 05:48*	*06/21/25 11:10*	*1*
2,4-Dichlorophenylacetic acid	*204*	*	*38 - 150*	*06/19/25 05:48*	*06/21/25 11:10*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6000**		16.0	4.4	mg/Kg	☼	06/20/25 19:05	06/21/25 17:46	1
Antimony	**0.76**	**J**	0.80	0.12	mg/Kg	☼	06/20/25 19:05	06/21/25 17:46	1
Arsenic	**3.1**		0.80	0.083	mg/Kg	☼	06/20/25 19:05	06/21/25 17:46	1
Barium	**45.4**		1.6	0.12	mg/Kg	☼	06/20/25 19:05	06/21/25 17:46	1
Beryllium	**0.20**	**J**	0.32	0.018	mg/Kg	☼	06/20/25 19:05	06/21/25 17:46	1

Client Sample ID: DUP_SO_06162025
Lab Sample ID: 460-328732-4
Date Collected: 06/16/25 13:00
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 96.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.11	J	0.80	0.091	mg/Kg	☼	06/20/25 19:05	06/21/25 17:46	1
Calcium	34800		80.1	7.8	mg/Kg	☼	06/20/25 19:05	06/21/25 17:46	1
Chromium	15.8		1.6	0.24	mg/Kg	☼	06/20/25 19:05	06/21/25 17:46	1
Cobalt	6.2		1.6	0.12	mg/Kg	☼	06/20/25 19:05	06/21/25 17:46	1
Copper	38.2		1.6	0.29	mg/Kg	☼	06/20/25 19:05	06/21/25 17:46	1
Iron	21100		48.1	6.1	mg/Kg	☼	06/20/25 19:05	06/21/25 17:46	1
Lead	62.8		0.48	0.16	mg/Kg	☼	06/20/25 19:05	06/21/25 17:46	1
Magnesium	14500		80.1	8.2	mg/Kg	☼	06/20/25 19:05	06/21/25 17:46	1
Manganese	197		3.2	0.32	mg/Kg	☼	06/20/25 19:05	06/21/25 17:46	1
Nickel	11.1		1.6	0.14	mg/Kg	☼	06/20/25 19:05	06/21/25 17:46	1
Potassium	770		80.1	13.0	mg/Kg	☼	06/20/25 19:05	06/21/25 17:46	1
Selenium	0.16	J	1.0	0.10	mg/Kg	☼	06/20/25 19:05	06/21/25 17:46	1
Silver	0.099	J	0.32	0.071	mg/Kg	☼	06/20/25 19:05	06/21/25 17:46	1
Sodium	643		80.1	36.6	mg/Kg	☼	06/20/25 19:05	06/21/25 17:46	1
Thallium	0.051	J	0.32	0.033	mg/Kg	☼	06/20/25 19:05	06/21/25 17:46	1
Vanadium	43.2		1.6	0.17	mg/Kg	☼	06/20/25 19:05	06/21/25 17:46	1
Zinc	59.8		6.4	0.87	mg/Kg	☼	06/20/25 19:05	06/21/25 17:46	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.017	0.0079	mg/Kg	☼	06/23/25 01:17	06/23/25 12:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	15.8		2.0	2.0	mg/Kg	☼		06/23/25 00:31	1
Cr (VI) (SW846 7196A)	2.0	U	2.0	0.86	mg/Kg	☼	06/24/25 08:40	06/24/25 15:15	1
Cr (VI) (SW846 7196A)	2.0	U	2.0	0.86	mg/Kg	☼	06/25/25 09:40	06/25/25 10:51	1
Cyanide, Total (SW846 9012B)	0.15	J	0.24	0.13	mg/Kg	☼	06/22/25 14:52	06/22/25 17:47	1
Percent Moisture (EPA Moisture)	3.2		1.0	1.0	%			06/19/25 08:42	1
Percent Solids (EPA Moisture)	96.8		1.0	1.0	%			06/19/25 08:42	1

Client Sample ID: RX-06(6-8)
Lab Sample ID: 460-328732-5
Date Collected: 06/16/25 13:50
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 92.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00032	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00024	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
1,2,4-Trimethylbenzene	0.0031		0.0010	0.00026	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328732-1

Client Sample ID: RX-06(6-8)
Date Collected: 06/16/25 13:50
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-5
Matrix: Solid
Percent Solids: 92.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	**0.00051**	**J**	0.0010	0.00033	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00039	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Bromoform	0.0010	U	0.0010	0.00045	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Carbon disulfide	**0.0010**		0.0010	0.00028	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Carbon tetrachloride	0.0010	U	0.0010	0.00041	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Chloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Chloromethane	0.0010	U	0.0010	0.00046	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00038	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00029	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Cyclohexane	**0.0016**		0.0010	0.00023	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Ethylbenzene	**0.0027**		0.0010	0.00049	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Ethylene Dibromide	0.0010	U	0.0010	0.00053	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Isopropylbenzene	**0.052**		0.0010	0.00030	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00054	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Methylcyclohexane	**0.018**		0.0010	0.00052	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
m-Xylene & p-Xylene	**0.0020**		0.0010	0.00044	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
n-Butylbenzene	**0.087**		0.0010	0.00031	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
N-Propylbenzene	**0.074**		0.0010	0.00047	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
o-Xylene	**0.0026**		0.0010	0.00048	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
sec-Butylbenzene	**0.11**		0.0010	0.00030	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
tert-Butylbenzene	**0.0071**		0.0010	0.00029	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Toluene	0.0010	U	0.0010	0.00025	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Trichloroethene	0.0010	U	0.0010	0.00034	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1
Xylenes, Total	**0.0046**		0.0021	0.00018	mg/Kg	☼	06/18/25 08:31	06/21/25 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*78*		*65 - 138*	*06/18/25 08:31*	*06/21/25 15:48*	*1*
4-Bromofluorobenzene	*77*		*71 - 128*	*06/18/25 08:31*	*06/21/25 15:48*	*1*
Dibromofluoromethane (Surr)	*89*		*50 - 150*	*06/18/25 08:31*	*06/21/25 15:48*	*1*

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-06(6-8)
Lab Sample ID: 460-328732-5
Date Collected: 06/16/25 13:50
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 92.8

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*104*		*71 - 126*	*06/18/25 08:31*	*06/21/25 15:48*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
2-Methylnaphthalene	**0.35**	**J**	0.36	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
4-Nitroaniline	0.36	U	0.36	0.090	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Acenaphthene	**1.7**		0.36	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Acetophenone	0.36	U	0.36	0.017	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Anthracene	**0.88**		0.36	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Benzo[a]anthracene	**0.49**		0.036	0.027	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Benzo[a]pyrene	**0.34**		0.036	0.0095	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Benzo[b]fluoranthene	**0.48**		0.036	0.0092	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Benzo[g,h,i]perylene	**0.14**	**J**	0.36	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Benzo[k]fluoranthene	**0.17**		0.036	0.0070	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Bis(2-ethylhexyl) phthalate	**0.061**	**J**	0.36	0.019	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Caprolactam	0.36	U	0.36	0.055	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1

Client Sample ID: RX-06(6-8)
Date Collected: 06/16/25 13:50
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-5
Matrix: Solid
Percent Solids: 92.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Chrysene	**0.54**		0.36	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Dibenz(a,h)anthracene	**0.039**		0.036	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Dibenzofuran	**1.0**		0.36	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Diethyl phthalate	0.36	U	0.36	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Fluoranthene	**2.2**		0.36	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Fluorene	**2.2**		0.36	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Indeno[1,2,3-cd]pyrene	**0.14**		0.036	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Naphthalene	**0.19**	**J**	0.36	0.0062	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Phenanthrene	**5.1**		0.36	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1
Pyrene	**1.8**		0.36	0.0089	mg/Kg	☼	06/19/25 18:37	06/20/25 09:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*18 - 137*	*06/19/25 18:37*	*06/20/25 09:58*	*1*
2-Fluorobiphenyl	*63*		*33 - 117*	*06/19/25 18:37*	*06/20/25 09:58*	*1*
2-Fluorophenol (Surr)	*61*		*24 - 120*	*06/19/25 18:37*	*06/20/25 09:58*	*1*
Nitrobenzene-d5 (Surr)	*65*		*27 - 120*	*06/19/25 18:37*	*06/20/25 09:58*	*1*
Phenol-d5 (Surr)	*59*		*28 - 118*	*06/19/25 18:37*	*06/20/25 09:58*	*1*
Terphenyl-d14 (Surr)	*54*		*33 - 124*	*06/19/25 18:37*	*06/20/25 09:58*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	06/18/25 17:35	06/19/25 10:19	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	06/18/25 17:35	06/19/25 10:19	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	06/18/25 17:35	06/19/25 10:19	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	06/18/25 17:35	06/19/25 10:19	1
alpha-BHC	0.0022	U	0.0022	0.00073	mg/Kg	☼	06/18/25 17:35	06/19/25 10:19	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	06/18/25 17:35	06/19/25 10:19	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	06/18/25 17:35	06/19/25 10:19	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	06/18/25 17:35	06/19/25 10:19	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	06/18/25 17:35	06/19/25 10:19	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	06/18/25 17:35	06/19/25 10:19	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	06/18/25 17:35	06/19/25 10:19	1
Endosulfan II	0.0072	U	0.0072	0.0019	mg/Kg	☼	06/18/25 17:35	06/19/25 10:19	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	06/18/25 17:35	06/19/25 10:19	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	06/18/25 17:35	06/19/25 10:19	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	06/18/25 17:35	06/19/25 10:19	1

Client Sample ID: RX-06(6-8)
Lab Sample ID: 460-328732-5
Date Collected: 06/16/25 13:50
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 92.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	06/18/25 17:35	06/19/25 10:19	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	06/18/25 17:35	06/19/25 10:19	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	06/18/25 17:35	06/19/25 10:19	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	06/18/25 17:35	06/19/25 10:19	1
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	06/18/25 17:35	06/19/25 10:19	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	06/18/25 17:35	06/19/25 10:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*125*		*10 - 150*	*06/18/25 17:35*	*06/19/25 10:19*	*1*
DCB Decachlorobiphenyl	*132*		*10 - 150*	*06/18/25 17:35*	*06/19/25 10:19*	*1*
Tetrachloro-m-xylene	*110*		*14 - 150*	*06/18/25 17:35*	*06/19/25 10:19*	*1*
Tetrachloro-m-xylene	*102*		*14 - 150*	*06/18/25 17:35*	*06/19/25 10:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 20:27	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 20:27	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 20:27	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 20:27	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 20:27	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 20:27	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 20:27	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 20:27	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 20:27	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*180*	*	*10 - 150*	*06/18/25 17:27*	*06/19/25 20:27*	*1*
DCB Decachlorobiphenyl	*198*	*	*10 - 150*	*06/18/25 17:27*	*06/19/25 20:27*	*1*
Tetrachloro-m-xylene	*137*		*10 - 150*	*06/18/25 17:27*	*06/19/25 20:27*	*1*
Tetrachloro-m-xylene	*150*		*10 - 150*	*06/18/25 17:27*	*06/19/25 20:27*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0076	mg/Kg	☼	06/19/25 05:48	06/21/25 11:28	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	06/19/25 05:48	06/21/25 11:28	1
Silvex (2,4,5-TP)	0.036	U	0.036	0.0037	mg/Kg	☼	06/19/25 05:48	06/21/25 11:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*9869*	*	*38 - 150*	*06/19/25 05:48*	*06/21/25 11:28*	*1*
2,4-Dichlorophenylacetic acid	*194*	*	*38 - 150*	*06/19/25 05:48*	*06/21/25 11:28*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6560**		16.2	4.4	mg/Kg	☼	06/20/25 19:05	06/21/25 17:49	1
Antimony	**0.34**	**J**	0.81	0.12	mg/Kg	☼	06/20/25 19:05	06/21/25 17:49	1
Arsenic	**4.6**		0.81	0.083	mg/Kg	☼	06/20/25 19:05	06/21/25 17:49	1
Barium	**52.5**		1.6	0.12	mg/Kg	☼	06/20/25 19:05	06/21/25 17:49	1
Beryllium	**0.31**	**J**	0.32	0.018	mg/Kg	☼	06/20/25 19:05	06/21/25 17:49	1
Cadmium	**0.14**	**J**	0.81	0.092	mg/Kg	☼	06/20/25 19:05	06/21/25 17:49	1
Calcium	**18900**		81.0	7.9	mg/Kg	☼	06/20/25 19:05	06/21/25 17:49	1

Client Sample ID: RX-06(6-8)
Lab Sample ID: 460-328732-5

Date Collected: 06/16/25 13:50
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 92.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	13.7		1.6	0.24	mg/Kg	☼	06/20/25 19:05	06/21/25 17:49	1
Cobalt	5.6		1.6	0.12	mg/Kg	☼	06/20/25 19:05	06/21/25 17:49	1
Copper	20.5		1.6	0.30	mg/Kg	☼	06/20/25 19:05	06/21/25 17:49	1
Iron	14100		48.6	6.2	mg/Kg	☼	06/20/25 19:05	06/21/25 17:49	1
Lead	41.5		0.49	0.16	mg/Kg	☼	06/20/25 19:05	06/21/25 17:49	1
Magnesium	4010		81.0	8.3	mg/Kg	☼	06/20/25 19:05	06/21/25 17:49	1
Manganese	189		3.2	0.33	mg/Kg	☼	06/20/25 19:05	06/21/25 17:49	1
Nickel	13.3		1.6	0.14	mg/Kg	☼	06/20/25 19:05	06/21/25 17:49	1
Potassium	1050		81.0	13.1	mg/Kg	☼	06/20/25 19:05	06/21/25 17:49	1
Selenium	0.36	J	1.0	0.10	mg/Kg	☼	06/20/25 19:05	06/21/25 17:49	1
Silver	0.32	U	0.32	0.072	mg/Kg	☼	06/20/25 19:05	06/21/25 17:49	1
Sodium	307		81.0	37.0	mg/Kg	☼	06/20/25 19:05	06/21/25 17:49	1
Thallium	0.094	J	0.32	0.033	mg/Kg	☼	06/20/25 19:05	06/21/25 17:49	1
Vanadium	25.7		1.6	0.17	mg/Kg	☼	06/20/25 19:05	06/21/25 17:49	1
Zinc	45.1		6.5	0.88	mg/Kg	☼	06/20/25 19:05	06/21/25 17:49	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.074		0.017	0.0081	mg/Kg	☼	06/23/25 01:17	06/23/25 12:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	13.7		2.0	2.0	mg/Kg	☼		06/23/25 00:31	1
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.90	mg/Kg	☼	06/24/25 08:40	06/24/25 15:15	1
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.90	mg/Kg	☼	06/25/25 09:40	06/25/25 10:51	1
Cyanide, Total (SW846 9012B)	0.17	J	0.25	0.14	mg/Kg	☼	06/22/25 14:52	06/22/25 17:47	1
Percent Moisture (EPA Moisture)	7.2		1.0	1.0	%			06/19/25 08:42	1
Percent Solids (EPA Moisture)	92.8		1.0	1.0	%			06/19/25 08:42	1

Client Sample ID: FB_SO_06162025
Lab Sample ID: 460-328732-6

Date Collected: 06/16/25 15:50
Matrix: Water
Date Received: 06/17/25 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			06/23/25 12:38	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			06/23/25 12:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			06/23/25 12:38	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			06/23/25 12:38	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			06/23/25 12:38	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/23/25 12:38	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			06/23/25 12:38	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			06/23/25 12:38	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			06/23/25 12:38	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			06/23/25 12:38	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			06/23/25 12:38	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			06/23/25 12:38	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			06/23/25 12:38	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			06/23/25 12:38	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			06/23/25 12:38	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328732-1

Client Sample ID: FB_SO_06162025
Date Collected: 06/16/25 15:50
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			06/23/25 12:38	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			06/23/25 12:38	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			06/23/25 12:38	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			06/23/25 12:38	1
Acetone	**67**		5.0	4.4	ug/L			06/23/25 12:38	1
Benzene	0.45	U	0.45	0.070	ug/L			06/23/25 12:38	1
Bromoform	1.0	U	1.0	0.54	ug/L			06/23/25 12:38	1
Bromomethane	1.0	U	1.0	0.55	ug/L			06/23/25 12:38	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			06/23/25 12:38	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			06/23/25 12:38	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			06/23/25 12:38	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			06/23/25 12:38	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			06/23/25 12:38	1
Chloroethane	1.0	U	1.0	0.32	ug/L			06/23/25 12:38	1
Chloroform	1.0	U	1.0	0.33	ug/L			06/23/25 12:38	1
Chloromethane	1.0	U	1.0	0.40	ug/L			06/23/25 12:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			06/23/25 12:38	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			06/23/25 12:38	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			06/23/25 12:38	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			06/23/25 12:38	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/23/25 12:38	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			06/23/25 12:38	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			06/23/25 12:38	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			06/23/25 12:38	1
Methyl acetate	5.0	U *	5.0	0.79	ug/L			06/23/25 12:38	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			06/23/25 12:38	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			06/23/25 12:38	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			06/23/25 12:38	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			06/23/25 12:38	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			06/23/25 12:38	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			06/23/25 12:38	1
o-Xylene	1.0	U	1.0	0.36	ug/L			06/23/25 12:38	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			06/23/25 12:38	1
Styrene	1.0	U	1.0	0.42	ug/L			06/23/25 12:38	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			06/23/25 12:38	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			06/23/25 12:38	1
Toluene	1.0	U	1.0	0.38	ug/L			06/23/25 12:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/23/25 12:38	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			06/23/25 12:38	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			06/23/25 12:38	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			06/23/25 12:38	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			06/23/25 12:38	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			06/23/25 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 128*		*06/23/25 12:38*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*06/23/25 12:38*	*1*
Dibromofluoromethane (Surr)	*94*		*77 - 132*		*06/23/25 12:38*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*06/23/25 12:38*	*1*

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: FB_SO_06162025
Lab Sample ID: 460-328732-6
Date Collected: 06/16/25 15:50
Matrix: Water
Date Received: 06/17/25 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	5.0	U	5.0	1.2	ug/L		06/19/25 09:55	06/20/25 06:08	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		06/19/25 09:55	06/20/25 06:08	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		06/19/25 09:55	06/20/25 06:08	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		06/19/25 09:55	06/20/25 06:08	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		06/19/25 09:55	06/20/25 06:08	1
2,4,6-Trichlorophenol	3.0	U	3.0	0.86	ug/L		06/19/25 09:55	06/20/25 06:08	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		06/19/25 09:55	06/20/25 06:08	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		06/19/25 09:55	06/20/25 06:08	1
2,4-Dinitrophenol	40	U	40	11	ug/L		06/19/25 09:55	06/20/25 06:08	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		06/19/25 09:55	06/20/25 06:08	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		06/19/25 09:55	06/20/25 06:08	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		06/19/25 09:55	06/20/25 06:08	1
2-Chlorophenol	10	U	10	0.95	ug/L		06/19/25 09:55	06/20/25 06:08	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		06/19/25 09:55	06/20/25 06:08	1
2-Methylphenol	10	U	10	0.67	ug/L		06/19/25 09:55	06/20/25 06:08	1
2-Nitroaniline	10	U	10	1.2	ug/L		06/19/25 09:55	06/20/25 06:08	1
2-Nitrophenol	10	U	10	0.75	ug/L		06/19/25 09:55	06/20/25 06:08	1
3 & 4 Methylphenol	10	U	10	0.64	ug/L		06/19/25 09:55	06/20/25 06:08	1
3,3'-Dichlorobenzidine	5.2	U	5.2	1.4	ug/L		06/19/25 09:55	06/20/25 06:08	1
3-Nitroaniline	10	U	10	1.9	ug/L		06/19/25 09:55	06/20/25 06:08	1
4,6-Dinitro-2-methylphenol	20	U	20	8.6	ug/L		06/19/25 09:55	06/20/25 06:08	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		06/19/25 09:55	06/20/25 06:08	1
4-Chloro-3-methylphenol	10	U	10	1.3	ug/L		06/19/25 09:55	06/20/25 06:08	1
4-Chloroaniline	5.0	U	5.0	1.9	ug/L		06/19/25 09:55	06/20/25 06:08	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		06/19/25 09:55	06/20/25 06:08	1
4-Methylphenol	10	U	10	0.65	ug/L		06/19/25 09:55	06/20/25 06:08	1
4-Nitroaniline	10	U	10	1.2	ug/L		06/19/25 09:55	06/20/25 06:08	1
4-Nitrophenol	20	U *	20	4.0	ug/L		06/19/25 09:55	06/20/25 06:08	1
Acenaphthene	10	U	10	1.1	ug/L		06/19/25 09:55	06/20/25 06:08	1
Acenaphthylene	10	U	10	0.82	ug/L		06/19/25 09:55	06/20/25 06:08	1
Acetophenone	10	U	10	2.3	ug/L		06/19/25 09:55	06/20/25 06:08	1
Anthracene	10	U	10	1.3	ug/L		06/19/25 09:55	06/20/25 06:08	1
Atrazine	2.0	U *	2.0	1.3	ug/L		06/19/25 09:55	06/20/25 06:08	1
Benzaldehyde	10	U *	10	2.1	ug/L		06/19/25 09:55	06/20/25 06:08	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		06/19/25 09:55	06/20/25 06:08	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		06/19/25 09:55	06/20/25 06:08	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		06/19/25 09:55	06/20/25 06:08	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		06/19/25 09:55	06/20/25 06:08	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		06/19/25 09:55	06/20/25 06:08	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		06/19/25 09:55	06/20/25 06:08	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		06/19/25 09:55	06/20/25 06:08	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		06/19/25 09:55	06/20/25 06:08	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		06/19/25 09:55	06/20/25 06:08	1
Caprolactam	10	U *	10	2.2	ug/L		06/19/25 09:55	06/20/25 06:08	1
Carbazole	10	U	10	0.68	ug/L		06/19/25 09:55	06/20/25 06:08	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/19/25 09:55	06/20/25 06:08	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		06/19/25 09:55	06/20/25 06:08	1
Dibenzofuran	10	U	10	1.1	ug/L		06/19/25 09:55	06/20/25 06:08	1
Diethyl phthalate	10	U	10	0.98	ug/L		06/19/25 09:55	06/20/25 06:08	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: FB_SO_06162025
Lab Sample ID: 460-328732-6
Date Collected: 06/16/25 15:50
Matrix: Water
Date Received: 06/17/25 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	10	U	10	0.77	ug/L		06/19/25 09:55	06/20/25 06:08	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		06/19/25 09:55	06/20/25 06:08	1
Di-n-octyl phthalate	10	U	10	4.0	ug/L		06/19/25 09:55	06/20/25 06:08	1
Fluoranthene	10	U	10	0.84	ug/L		06/19/25 09:55	06/20/25 06:08	1
Fluorene	10	U	10	0.91	ug/L		06/19/25 09:55	06/20/25 06:08	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		06/19/25 09:55	06/20/25 06:08	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		06/19/25 09:55	06/20/25 06:08	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		06/19/25 09:55	06/20/25 06:08	1
Hexachloroethane	0.80	U	0.80	0.31	ug/L		06/19/25 09:55	06/20/25 06:08	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		06/19/25 09:55	06/20/25 06:08	1
Isophorone	10	U	10	0.80	ug/L		06/19/25 09:55	06/20/25 06:08	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/19/25 09:55	06/20/25 06:08	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		06/19/25 09:55	06/20/25 06:08	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		06/19/25 09:55	06/20/25 06:08	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		06/19/25 09:55	06/20/25 06:08	1
Pentachlorophenol	20	U	20	6.6	ug/L		06/19/25 09:55	06/20/25 06:08	1
Phenanthrene	10	U	10	1.3	ug/L		06/19/25 09:55	06/20/25 06:08	1
Phenol	10	U *	10	0.29	ug/L		06/19/25 09:55	06/20/25 06:08	1
Pyrene	10	U	10	1.6	ug/L		06/19/25 09:55	06/20/25 06:08	1
1,4-Dioxane	10	U *	10	1.6	ug/L		06/19/25 09:55	06/20/25 06:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*24 - 150*	*06/19/25 09:55*	*06/20/25 06:08*	*1*
2-Fluorobiphenyl	*99*		*38 - 139*	*06/19/25 09:55*	*06/20/25 06:08*	*1*
2-Fluorophenol (Surr)	*45*		*10 - 90*	*06/19/25 09:55*	*06/20/25 06:08*	*1*
Nitrobenzene-d5 (Surr)	*97*		*39 - 145*	*06/19/25 09:55*	*06/20/25 06:08*	*1*
Phenol-d5 (Surr)	*31*		*10 - 68*	*06/19/25 09:55*	*06/20/25 06:08*	*1*
Terphenyl-d14 (Surr)	*47*		*10 - 133*	*06/19/25 09:55*	*06/20/25 06:08*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		06/19/25 06:56	06/20/25 03:53	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		06/19/25 06:56	06/20/25 03:53	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		06/19/25 06:56	06/20/25 03:53	1
Aldrin	0.020	U	0.020	0.0030	ug/L		06/19/25 06:56	06/20/25 03:53	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		06/19/25 06:56	06/20/25 03:53	1
beta-BHC	0.020	U	0.020	0.015	ug/L		06/19/25 06:56	06/20/25 03:53	1
Chlordane (technical)	0.20	U	0.20	0.055	ug/L		06/19/25 06:56	06/20/25 03:53	1
cis-Chlordane	0.020	U	0.020	0.0020	ug/L		06/19/25 06:56	06/20/25 03:53	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		06/19/25 06:56	06/20/25 03:53	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		06/19/25 06:56	06/20/25 03:53	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		06/19/25 06:56	06/20/25 03:53	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		06/19/25 06:56	06/20/25 03:53	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		06/19/25 06:56	06/20/25 03:53	1
Endrin	0.020	U	0.020	0.0040	ug/L		06/19/25 06:56	06/20/25 03:53	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		06/19/25 06:56	06/20/25 03:53	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		06/19/25 06:56	06/20/25 03:53	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		06/19/25 06:56	06/20/25 03:53	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		06/19/25 06:56	06/20/25 03:53	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		06/19/25 06:56	06/20/25 03:53	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: FB_SO_06162025
Lab Sample ID: 460-328732-6
Date Collected: 06/16/25 15:50
Matrix: Water
Date Received: 06/17/25 20:00

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.020	U	0.020	0.0040	ug/L		06/19/25 06:56	06/20/25 03:53	1
Toxaphene	0.50	U	0.50	0.11	ug/L		06/19/25 06:56	06/20/25 03:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*92*		*10 - 131*	*06/19/25 06:56*	*06/20/25 03:53*	*1*
DCB Decachlorobiphenyl	*112*		*10 - 131*	*06/19/25 06:56*	*06/20/25 03:53*	*1*
Tetrachloro-m-xylene	*81*		*31 - 120*	*06/19/25 06:56*	*06/20/25 03:53*	*1*
Tetrachloro-m-xylene	*82*		*31 - 120*	*06/19/25 06:56*	*06/20/25 03:53*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.20	U	0.20	0.12	ug/L		06/19/25 06:53	06/20/25 18:34	1
Aroclor 1221	0.20	U	0.20	0.12	ug/L		06/19/25 06:53	06/20/25 18:34	1
Aroclor 1232	0.20	U	0.20	0.12	ug/L		06/19/25 06:53	06/20/25 18:34	1
Aroclor 1242	0.20	U	0.20	0.12	ug/L		06/19/25 06:53	06/20/25 18:34	1
Aroclor 1248	0.20	U	0.20	0.12	ug/L		06/19/25 06:53	06/20/25 18:34	1
Aroclor 1254	0.20	U	0.20	0.11	ug/L		06/19/25 06:53	06/20/25 18:34	1
Aroclor 1260	0.20	U	0.20	0.11	ug/L		06/19/25 06:53	06/20/25 18:34	1
Aroclor-1262	0.20	U	0.20	0.11	ug/L		06/19/25 06:53	06/20/25 18:34	1
Aroclor 1268	0.20	U	0.20	0.11	ug/L		06/19/25 06:53	06/20/25 18:34	1
Polychlorinated biphenyls, Total	0.20	U	0.20	0.12	ug/L		06/19/25 06:53	06/20/25 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*43*		*10 - 127*	*06/19/25 06:53*	*06/20/25 18:34*	*1*
DCB Decachlorobiphenyl	*46*		*10 - 127*	*06/19/25 06:53*	*06/20/25 18:34*	*1*
Tetrachloro-m-xylene	*36*		*21 - 139*	*06/19/25 06:53*	*06/20/25 18:34*	*1*
Tetrachloro-m-xylene	*37*		*21 - 139*	*06/19/25 06:53*	*06/20/25 18:34*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	1.2	U	1.2	0.12	ug/L		06/18/25 22:23	06/19/25 11:03	1
2,4-D	1.2	U	1.2	0.13	ug/L		06/18/25 22:23	06/19/25 11:03	1
Silvex (2,4,5-TP)	1.2	U	1.2	0.11	ug/L		06/18/25 22:23	06/19/25 11:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*90*		*10 - 150*	*06/18/25 22:23*	*06/19/25 11:03*	*1*
2,4-Dichlorophenylacetic acid	*87*		*10 - 150*	*06/18/25 22:23*	*06/19/25 11:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	40.0	U	40.0	11.7	ug/L		06/21/25 21:30	06/22/25 19:42	1
Antimony	2.0	U	2.0	0.48	ug/L		06/21/25 21:30	06/22/25 19:42	1
Arsenic	2.0	U	2.0	1.2	ug/L		06/21/25 21:30	06/22/25 19:42	1
Barium	4.0	U	4.0	0.93	ug/L		06/21/25 21:30	06/22/25 19:42	1
Beryllium	0.80	U	0.80	0.12	ug/L		06/21/25 21:30	06/22/25 19:42	1
Cadmium	0.92	U	0.92	0.26	ug/L		06/21/25 21:30	06/22/25 19:42	1
Calcium	500	U	500	31.7	ug/L		06/21/25 21:30	06/22/25 19:42	1
Chromium	4.0	U	4.0	1.7	ug/L		06/21/25 21:30	06/22/25 19:42	1
Cobalt	2.0	U	2.0	0.18	ug/L		06/21/25 21:30	06/22/25 19:42	1
Copper	4.0	U	4.0	2.0	ug/L		06/21/25 21:30	06/22/25 19:42	1
Iron	120	U	120	33.7	ug/L		06/21/25 21:30	06/22/25 19:42	1

Client Sample ID: FB_SO_06162025
Lab Sample ID: 460-328732-6
Date Collected: 06/16/25 15:50
Matrix: Water
Date Received: 06/17/25 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.2	U	1.2	0.42	ug/L		06/21/25 21:30	06/22/25 19:42	1
Magnesium	200	U	200	21.8	ug/L		06/21/25 21:30	06/22/25 19:42	1
Manganese	8.0	U	8.0	0.84	ug/L		06/21/25 21:30	06/22/25 19:42	1
Nickel	4.0	U	4.0	1.4	ug/L		06/21/25 21:30	06/22/25 19:42	1
Potassium	200	U	200	114	ug/L		06/21/25 21:30	06/22/25 19:42	1
Selenium	2.5	U	2.5	0.43	ug/L		06/21/25 21:30	06/22/25 19:42	1
Silver	2.0	U	2.0	1.3	ug/L		06/21/25 21:30	06/22/25 19:42	1
Sodium	500	U	500	180	ug/L		06/21/25 21:30	06/22/25 19:42	1
Thallium	0.50	U	0.50	0.16	ug/L		06/21/25 21:30	06/22/25 19:42	1
Vanadium	4.0	U	4.0	1.0	ug/L		06/21/25 21:30	06/22/25 19:42	1
Zinc	**4.9**	**J**	16.0	4.2	ug/L		06/21/25 21:30	06/22/25 19:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/20/25 11:54	06/20/25 19:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	10.0	U	10.0	10.0	ug/L			06/25/25 07:04	1
Cr (VI) (SW846 7196A)	10.0	U H	10.0	2.9	ug/L			06/24/25 12:25	1
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0040	mg/L		06/22/25 17:08	06/22/25 18:34	1

Client Sample ID: TRIP BLANK
Lab Sample ID: 460-328732-7
Date Collected: 06/17/25 00:00
Matrix: Water
Date Received: 06/17/25 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			06/23/25 12:58	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			06/23/25 12:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			06/23/25 12:58	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			06/23/25 12:58	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			06/23/25 12:58	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/23/25 12:58	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			06/23/25 12:58	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			06/23/25 12:58	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			06/23/25 12:58	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			06/23/25 12:58	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			06/23/25 12:58	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			06/23/25 12:58	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			06/23/25 12:58	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			06/23/25 12:58	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			06/23/25 12:58	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			06/23/25 12:58	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			06/23/25 12:58	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			06/23/25 12:58	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			06/23/25 12:58	1
Acetone	5.0	U	5.0	4.4	ug/L			06/23/25 12:58	1
Benzene	0.45	U	0.45	0.070	ug/L			06/23/25 12:58	1
Bromoform	1.0	U	1.0	0.54	ug/L			06/23/25 12:58	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: TRIP BLANK
Lab Sample ID: 460-328732-7
Date Collected: 06/17/25 00:00
Matrix: Water
Date Received: 06/17/25 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	1.0	U	1.0	0.55	ug/L			06/23/25 12:58	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			06/23/25 12:58	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			06/23/25 12:58	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			06/23/25 12:58	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			06/23/25 12:58	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			06/23/25 12:58	1
Chloroethane	1.0	U	1.0	0.32	ug/L			06/23/25 12:58	1
Chloroform	1.0	U	1.0	0.33	ug/L			06/23/25 12:58	1
Chloromethane	1.0	U	1.0	0.40	ug/L			06/23/25 12:58	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			06/23/25 12:58	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			06/23/25 12:58	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			06/23/25 12:58	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			06/23/25 12:58	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/23/25 12:58	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			06/23/25 12:58	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			06/23/25 12:58	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			06/23/25 12:58	1
Methyl acetate	5.0	U *	5.0	0.79	ug/L			06/23/25 12:58	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			06/23/25 12:58	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			06/23/25 12:58	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			06/23/25 12:58	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			06/23/25 12:58	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			06/23/25 12:58	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			06/23/25 12:58	1
o-Xylene	1.0	U	1.0	0.36	ug/L			06/23/25 12:58	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			06/23/25 12:58	1
Styrene	1.0	U	1.0	0.42	ug/L			06/23/25 12:58	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			06/23/25 12:58	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			06/23/25 12:58	1
Toluene	1.0	U	1.0	0.38	ug/L			06/23/25 12:58	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/23/25 12:58	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			06/23/25 12:58	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			06/23/25 12:58	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			06/23/25 12:58	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			06/23/25 12:58	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			06/23/25 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 128*		*06/23/25 12:58*	*1*
4-Bromofluorobenzene	*94*		*76 - 120*		*06/23/25 12:58*	*1*
Dibromofluoromethane (Surr)	*94*		*77 - 132*		*06/23/25 12:58*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*06/23/25 12:58*	*1*

Client Sample ID: RX-10(0-2)
Lab Sample ID: 460-328732-8
Date Collected: 06/17/25 07:45
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 97.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328732-1

Client Sample ID: RX-10(0-2)
Date Collected: 06/17/25 07:45
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-8
Matrix: Solid
Percent Solids: 97.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00038	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00075	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00075	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00092	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
1,2,4-Trimethylbenzene	**0.0010**	**J**	0.0012	0.00031	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00039	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00046	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00065	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
2-Butanone (MEK)	**0.0023**	**J**	0.0062	0.00046	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Acetone	**0.026**		0.0075	0.0071	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Benzene	0.0012	U	0.0012	0.00071	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Bromoform	0.0012	U	0.0012	0.00053	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Chlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Chlorobromomethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Chlorodibromomethane	0.0012	U	0.0012	0.00067	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Chloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00045	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Cyclohexane	0.0012	U	0.0012	0.00028	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Ethylbenzene	**0.0012**		0.0012	0.00058	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Ethylene Dibromide	0.0012	U	0.0012	0.00063	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Isopropylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Methyl acetate	0.0062	U	0.0062	0.0054	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00064	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
m-Xylene & p-Xylene	**0.0047**		0.0012	0.00053	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
n-Butylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
N-Propylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
o-Xylene	**0.0024**		0.0012	0.00058	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
sec-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Styrene	0.0012	U	0.0012	0.00035	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1

Client Sample ID: RX-10(0-2)
Date Collected: 06/17/25 07:45
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-8
Matrix: Solid
Percent Solids: 97.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Toluene	**0.00077**	**J**	0.0012	0.00029	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00031	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Vinyl chloride	0.0012	U	0.0012	0.00068	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1
Xylenes, Total	**0.0072**		0.0025	0.00022	mg/Kg	☼	06/18/25 08:32	06/21/25 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*	*06/18/25 08:32*	*06/21/25 13:19*	*1*
4-Bromofluorobenzene	*87*		*71 - 128*	*06/18/25 08:32*	*06/21/25 13:19*	*1*
Dibromofluoromethane (Surr)	*105*		*50 - 150*	*06/18/25 08:32*	*06/21/25 13:19*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*06/18/25 08:32*	*06/21/25 13:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
2-Methylnaphthalene	**0.015**	**J**	0.34	0.0095	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
3-Nitroaniline	0.34	U	0.34	0.081	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
4-Nitroaniline	0.34	U	0.34	0.086	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
4-Nitrophenol	0.69	U	0.69	0.055	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Acenaphthene	0.34	U	0.34	0.0097	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Acenaphthylene	0.34	U	0.34	0.0097	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1

Client Sample ID: RX-10(0-2)
Lab Sample ID: 460-328732-8
Date Collected: 06/17/25 07:45
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 97.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Benzo[a]pyrene	**0.017**	**J**	0.034	0.0091	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Benzo[b]fluoranthene	**0.026**	**J**	0.034	0.0088	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Benzo[g,h,i]perylene	**0.052**	**J**	0.34	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Benzo[k]fluoranthene	**0.010**	**J**	0.034	0.0067	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Bis(2-ethylhexyl) phthalate	**0.033**	**J**	0.34	0.018	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Dimethyl phthalate	0.34	U	0.34	0.077	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Fluoranthene	**0.026**	**J**	0.34	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Hexachlorobutadiene	0.069	U	0.069	0.0072	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Indeno[1,2,3-cd]pyrene	**0.036**		0.034	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Isophorone	0.14	U	0.14	0.098	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Pentachlorophenol	0.27	U	0.27	0.070	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Phenanthrene	**0.024**	**J**	0.34	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1
Pyrene	**0.026**	**J**	0.34	0.0085	mg/Kg	☼	06/19/25 18:37	06/20/25 10:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 137*	*06/19/25 18:37*	*06/20/25 10:15*	*1*
2-Fluorobiphenyl	*64*		*33 - 117*	*06/19/25 18:37*	*06/20/25 10:15*	*1*
2-Fluorophenol (Surr)	*65*		*24 - 120*	*06/19/25 18:37*	*06/20/25 10:15*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*06/19/25 18:37*	*06/20/25 10:15*	*1*
Phenol-d5 (Surr)	*65*		*28 - 118*	*06/19/25 18:37*	*06/20/25 10:15*	*1*
Terphenyl-d14 (Surr)	*60*		*33 - 124*	*06/19/25 18:37*	*06/20/25 10:15*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	☼	06/18/25 17:35	06/19/25 10:31	1
4,4'-DDE	0.0069	U	0.0069	0.00081	mg/Kg	☼	06/18/25 17:35	06/19/25 10:31	1
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	☼	06/18/25 17:35	06/19/25 10:31	1

Client Sample ID: RX-10(0-2)
Lab Sample ID: 460-328732-8
Date Collected: 06/17/25 07:45
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 97.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	☼	06/18/25 17:35	06/19/25 10:31	1
alpha-BHC	0.0021	U	0.0021	0.00070	mg/Kg	☼	06/18/25 17:35	06/19/25 10:31	1
beta-BHC	0.0021	U	0.0021	0.00077	mg/Kg	☼	06/18/25 17:35	06/19/25 10:31	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	☼	06/18/25 17:35	06/19/25 10:31	1
cis-Chlordane	0.0069	U	0.0069	0.0011	mg/Kg	☼	06/18/25 17:35	06/19/25 10:31	1
delta-BHC	0.0021	U	0.0021	0.00042	mg/Kg	☼	06/18/25 17:35	06/19/25 10:31	1
Dieldrin	0.0021	U	0.0021	0.00090	mg/Kg	☼	06/18/25 17:35	06/19/25 10:31	1
Endosulfan I	0.0069	U	0.0069	0.0010	mg/Kg	☼	06/18/25 17:35	06/19/25 10:31	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	☼	06/18/25 17:35	06/19/25 10:31	1
Endosulfan sulfate	0.0069	U	0.0069	0.00086	mg/Kg	☼	06/18/25 17:35	06/19/25 10:31	1
Endrin	0.0069	U	0.0069	0.00099	mg/Kg	☼	06/18/25 17:35	06/19/25 10:31	1
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	☼	06/18/25 17:35	06/19/25 10:31	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	☼	06/18/25 17:35	06/19/25 10:31	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	☼	06/18/25 17:35	06/19/25 10:31	1
Heptachlor	0.0069	U	0.0069	0.00081	mg/Kg	☼	06/18/25 17:35	06/19/25 10:31	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	☼	06/18/25 17:35	06/19/25 10:31	1
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	☼	06/18/25 17:35	06/19/25 10:31	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	☼	06/18/25 17:35	06/19/25 10:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*06/18/25 17:35*	*06/19/25 10:31*	*1*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*06/18/25 17:35*	*06/19/25 10:31*	*1*
Tetrachloro-m-xylene	*107*		*14 - 150*	*06/18/25 17:35*	*06/19/25 10:31*	*1*
Tetrachloro-m-xylene	*102*		*14 - 150*	*06/18/25 17:35*	*06/19/25 10:31*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 20:43	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 20:43	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 20:43	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 20:43	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 20:43	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 20:43	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 20:43	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 20:43	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 20:43	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☼	06/18/25 17:27	06/19/25 20:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*158*	*	*10 - 150*	*06/18/25 17:27*	*06/19/25 20:43*	*1*
DCB Decachlorobiphenyl	*167*	*	*10 - 150*	*06/18/25 17:27*	*06/19/25 20:43*	*1*
Tetrachloro-m-xylene	*132*		*10 - 150*	*06/18/25 17:27*	*06/19/25 20:43*	*1*
Tetrachloro-m-xylene	*145*		*10 - 150*	*06/18/25 17:27*	*06/19/25 20:43*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.034	U	0.034	0.0073	mg/Kg	☼	06/19/25 05:48	06/21/25 12:18	1
2,4-D	0.034	U	0.034	0.012	mg/Kg	☼	06/19/25 05:48	06/21/25 12:18	1
Silvex (2,4,5-TP)	0.034	U	0.034	0.0036	mg/Kg	☼	06/19/25 05:48	06/21/25 12:18	1

Client Sample ID: RX-10(0-2)
Lab Sample ID: 460-328732-8
Date Collected: 06/17/25 07:45
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 97.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*204*	*	*38 - 150*	*06/19/25 05:48*	*06/21/25 12:18*	*1*
2,4-Dichlorophenylacetic acid	*133*		*38 - 150*	*06/19/25 05:48*	*06/21/25 12:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3830**		16.5	4.5	mg/Kg	☼	06/20/25 19:05	06/21/25 17:52	1
Antimony	**0.18**	**J**	0.82	0.12	mg/Kg	☼	06/20/25 19:05	06/21/25 17:52	1
Arsenic	**2.2**		0.82	0.085	mg/Kg	☼	06/20/25 19:05	06/21/25 17:52	1
Barium	**27.2**		1.6	0.12	mg/Kg	☼	06/20/25 19:05	06/21/25 17:52	1
Beryllium	**0.36**		0.33	0.018	mg/Kg	☼	06/20/25 19:05	06/21/25 17:52	1
Cadmium	0.82	U	0.82	0.093	mg/Kg	☼	06/20/25 19:05	06/21/25 17:52	1
Calcium	**59600**		82.3	8.0	mg/Kg	☼	06/20/25 19:05	06/21/25 17:52	1
Chromium	**11.4**		1.6	0.24	mg/Kg	☼	06/20/25 19:05	06/21/25 17:52	1
Cobalt	**3.4**		1.6	0.12	mg/Kg	☼	06/20/25 19:05	06/21/25 17:52	1
Copper	**22.7**		1.6	0.30	mg/Kg	☼	06/20/25 19:05	06/21/25 17:52	1
Iron	**11200**		49.4	6.3	mg/Kg	☼	06/20/25 19:05	06/21/25 17:52	1
Lead	**15.9**		0.49	0.16	mg/Kg	☼	06/20/25 19:05	06/21/25 17:52	1
Magnesium	**26900**		82.3	8.4	mg/Kg	☼	06/20/25 19:05	06/21/25 17:52	1
Manganese	**144**		3.3	0.33	mg/Kg	☼	06/20/25 19:05	06/21/25 17:52	1
Nickel	**6.6**		1.6	0.15	mg/Kg	☼	06/20/25 19:05	06/21/25 17:52	1
Potassium	**723**		82.3	13.3	mg/Kg	☼	06/20/25 19:05	06/21/25 17:52	1
Selenium	**0.17**	**J**	1.0	0.11	mg/Kg	☼	06/20/25 19:05	06/21/25 17:52	1
Silver	0.33	U	0.33	0.073	mg/Kg	☼	06/20/25 19:05	06/21/25 17:52	1
Sodium	**298**		82.3	37.6	mg/Kg	☼	06/20/25 19:05	06/21/25 17:52	1
Thallium	**0.044**	**J**	0.33	0.034	mg/Kg	☼	06/20/25 19:05	06/21/25 17:52	1
Vanadium	**32.3**		1.6	0.17	mg/Kg	☼	06/20/25 19:05	06/21/25 17:52	1
Zinc	**29.2**		6.6	0.90	mg/Kg	☼	06/20/25 19:05	06/21/25 17:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.025**		0.017	0.0082	mg/Kg	☼	06/23/25 01:17	06/23/25 12:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	**11.4**		2.0	2.0	mg/Kg	☼		06/23/25 00:31	1
Cr (VI) (SW846 7196A)	2.0	U	2.0	0.84	mg/Kg	☼	06/24/25 08:40	06/24/25 15:15	1
Cr (VI) (SW846 7196A)	2.0	U	2.0	0.84	mg/Kg	☼	06/25/25 09:40	06/25/25 10:51	1
Cyanide, Total (SW846 9012B)	**0.13**	**J**	0.24	0.13	mg/Kg	☼	06/22/25 14:52	06/22/25 17:38	1
Percent Moisture (EPA Moisture)	**2.8**		1.0	1.0	%			06/19/25 08:42	1
Percent Solids (EPA Moisture)	**97.2**		1.0	1.0	%			06/19/25 08:42	1

Client Sample ID: RX-10(4-6)
Lab Sample ID: 460-328732-9
Date Collected: 06/17/25 08:00
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U	0.0016	0.00038	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00086	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U	0.0016	0.00050	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
1,1,2-Trichloroethane	0.0016	U	0.0016	0.00099	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328732-1

Client Sample ID: RX-10(4-6)
Date Collected: 06/17/25 08:00
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-9
Matrix: Solid
Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0016	U	0.0016	0.00098	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
1,1-Dichloroethene	0.0016	U	0.0016	0.00037	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.0012	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00059	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
1,2,4-Trimethylbenzene	**0.0023**		0.0016	0.00041	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00076	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00060	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00049	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00070	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
1,3,5-Trimethylbenzene	**0.00054**	**J**	0.0016	0.00052	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00060	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00086	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
2-Butanone (MEK)	**0.010**		0.0082	0.00061	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
2-Hexanone	0.0082	U	0.0082	0.0028	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
4-Methyl-2-pentanone (MIBK)	0.0082	U	0.0082	0.0026	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Acetone	**0.070**		0.0099	0.0094	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Benzene	0.0016	U	0.0016	0.00094	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Bromoform	0.0016	U	0.0016	0.00070	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Bromomethane	0.0033	U	0.0033	0.0016	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Carbon disulfide	0.0016	U	0.0016	0.00044	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Carbon tetrachloride	0.0016	U	0.0016	0.00064	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Chlorobenzene	0.0016	U	0.0016	0.00084	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Chlorobromomethane	0.0016	U	0.0016	0.00098	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Chlorodibromomethane	0.0016	U	0.0016	0.00089	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Chloroethane	0.0016	U	0.0016	0.00086	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Chloroform	0.0016	U	0.0016	0.0016	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Chloromethane	0.0016	U	0.0016	0.00072	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00059	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00045	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Cyclohexane	**0.0042**		0.0016	0.00036	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Dichlorobromomethane	0.0016	U	0.0016	0.00042	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Dichlorodifluoromethane	0.0016	U	0.0016	0.00056	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Ethylbenzene	**0.00090**	**J**	0.0016	0.00077	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Ethylene Dibromide	0.0016	U	0.0016	0.00083	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Isopropylbenzene	**0.035**		0.0016	0.00047	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Methyl acetate	0.0082	U	0.0082	0.0071	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00084	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Methylcyclohexane	**0.031**		0.0016	0.00082	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Methylene Chloride	0.0033	U	0.0033	0.0019	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
m-Xylene & p-Xylene	**0.0014**	**J**	0.0016	0.00070	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
n-Butylbenzene	**0.030**		0.0016	0.00049	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
N-Propylbenzene	**0.020**		0.0016	0.00074	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
o-Xylene	**0.0011**	**J**	0.0016	0.00076	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
sec-Butylbenzene	**0.088**		0.0016	0.00048	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Styrene	0.0016	U	0.0016	0.00046	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
tert-Butylbenzene	**0.0092**		0.0016	0.00046	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Tetrachloroethene	0.0016	U	0.0016	0.00050	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Toluene	0.0016	U	0.0016	0.00039	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00041	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1

Client Sample ID: RX-10(4-6)
Date Collected: 06/17/25 08:00
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-9
Matrix: Solid
Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00044	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Trichloroethene	0.0016	U	0.0016	0.00053	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Trichlorofluoromethane	0.0016	U	0.0016	0.00067	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Vinyl chloride	0.0016	U	0.0016	0.00090	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1
Xylenes, Total	**0.0026**	**J**	0.0033	0.00029	mg/Kg	☼	06/18/25 08:33	06/21/25 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*	*06/18/25 08:33*	*06/21/25 13:44*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*06/18/25 08:33*	*06/21/25 13:44*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*	*06/18/25 08:33*	*06/21/25 13:44*	*1*
Toluene-d8 (Surr)	*111*		*71 - 126*	*06/18/25 08:33*	*06/21/25 13:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.39	U	0.39	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
1,2,4,5-Tetrachlorobenzene	0.39	U	0.39	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
1,4-Dioxane	0.039	U	0.039	0.035	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
2,2'-oxybis[1-chloropropane]	0.39	U	0.39	0.024	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
2,3,4,6-Tetrachlorophenol	0.39	U	0.39	0.027	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
2,4,5-Trichlorophenol	0.39	U	0.39	0.040	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
2,4,6-Trichlorophenol	0.16	U	0.16	0.051	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
2,4-Dichlorophenol	0.16	U	0.16	0.025	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
2,4-Dimethylphenol	0.39	U	0.39	0.047	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
2,4-Dinitrophenol	0.32	U	0.32	0.19	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
2,4-Dinitrotoluene	0.080	U	0.080	0.043	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
2,6-Dinitrotoluene	0.080	U	0.080	0.029	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
2-Chloronaphthalene	0.39	U	0.39	0.051	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
2-Chlorophenol	0.39	U	0.39	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
2-Methylnaphthalene	**0.60**		0.39	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
2-Methylphenol	0.39	U	0.39	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
2-Nitroaniline	0.39	U	0.39	0.030	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
2-Nitrophenol	0.39	U	0.39	0.040	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
3 & 4 Methylphenol	0.39	U	0.39	0.025	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.060	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
3-Nitroaniline	0.39	U	0.39	0.094	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
4,6-Dinitro-2-methylphenol	0.32	U	0.32	0.16	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
4-Bromophenyl phenyl ether	0.39	U	0.39	0.016	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
4-Chloro-3-methylphenol	0.39	U	0.39	0.022	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
4-Chloroaniline	0.39	U	0.39	0.070	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
4-Chlorophenyl phenyl ether	0.39	U	0.39	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
4-Methylphenol	0.39	U	0.39	0.025	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
4-Nitroaniline	0.39	U	0.39	0.10	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
4-Nitrophenol	0.80	U	0.80	0.064	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Acenaphthene	**0.29**	**J**	0.39	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Acenaphthylene	0.39	U	0.39	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Acetophenone	0.39	U	0.39	0.019	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Anthracene	**0.13**	**J**	0.39	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Atrazine	0.16	U	0.16	0.023	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Benzaldehyde	0.39	U	0.39	0.065	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Benzo[a]anthracene	**0.085**		0.039	0.030	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-10(4-6)
Lab Sample ID: 460-328732-9
Date Collected: 06/17/25 08:00
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**0.089**		0.039	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Benzo[b]fluoranthene	**0.13**		0.039	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Benzo[g,h,i]perylene	**0.050**	**J**	0.39	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Benzo[k]fluoranthene	**0.046**		0.039	0.0077	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Bis(2-chloroethoxy)methane	0.39	U	0.39	0.073	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Bis(2-chloroethyl)ether	0.039	U	0.039	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Bis(2-ethylhexyl) phthalate	**0.023**	**J**	0.39	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Butyl benzyl phthalate	0.39	U	0.39	0.019	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Caprolactam	0.39	U	0.39	0.061	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Carbazole	0.39	U	0.39	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Chrysene	**0.11**	**J**	0.39	0.017	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Dibenz(a,h)anthracene	0.039	U	0.039	0.017	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Dibenzofuran	0.39	U	0.39	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Diethyl phthalate	0.39	U	0.39	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Dimethyl phthalate	0.39	U	0.39	0.090	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Di-n-butyl phthalate	0.39	U	0.39	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Di-n-octyl phthalate	0.39	U	0.39	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Fluoranthene	**0.15**	**J**	0.39	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Fluorene	**0.56**		0.39	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Hexachlorobenzene	0.039	U	0.039	0.019	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Hexachlorobutadiene	0.080	U	0.080	0.0084	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Hexachlorocyclopentadiene	0.39	U	0.39	0.035	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Hexachloroethane	0.039	U	0.039	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Indeno[1,2,3-cd]pyrene	**0.033**	**J**	0.039	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Isophorone	0.16	U	0.16	0.11	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Naphthalene	0.39	U	0.39	0.0068	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Nitrobenzene	0.039	U	0.039	0.022	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
N-Nitrosodi-n-propylamine	0.039	U	0.039	0.029	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
N-Nitrosodiphenylamine	0.39	U	0.39	0.032	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Pentachlorophenol	0.32	U	0.32	0.081	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Phenanthrene	**0.96**		0.39	0.016	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Phenol	0.39	U	0.39	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1
Pyrene	**0.27**	**J**	0.39	0.0098	mg/Kg	☼	06/19/25 18:37	06/20/25 10:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*64*		*18 - 137*	*06/19/25 18:37*	*06/20/25 10:33*	*1*
2-Fluorobiphenyl	*62*		*33 - 117*	*06/19/25 18:37*	*06/20/25 10:33*	*1*
2-Fluorophenol (Surr)	*64*		*24 - 120*	*06/19/25 18:37*	*06/20/25 10:33*	*1*
Nitrobenzene-d5 (Surr)	*64*		*27 - 120*	*06/19/25 18:37*	*06/20/25 10:33*	*1*
Phenol-d5 (Surr)	*62*		*28 - 118*	*06/19/25 18:37*	*06/20/25 10:33*	*1*
Terphenyl-d14 (Surr)	*58*		*33 - 124*	*06/19/25 18:37*	*06/20/25 10:33*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0080	U	0.0080	0.0014	mg/Kg	☼	06/18/25 17:35	06/20/25 04:49	1
4,4'-DDE	0.0080	U	0.0080	0.00094	mg/Kg	☼	06/18/25 17:35	06/20/25 04:49	1
4,4'-DDT	0.0080	U	0.0080	0.0015	mg/Kg	☼	06/18/25 17:35	06/20/25 04:49	1
Aldrin	0.0080	U	0.0080	0.0012	mg/Kg	☼	06/18/25 17:35	06/20/25 04:49	1
alpha-BHC	0.0024	U	0.0024	0.00081	mg/Kg	☼	06/18/25 17:35	06/20/25 04:49	1
beta-BHC	0.0024	U	0.0024	0.00090	mg/Kg	☼	06/18/25 17:35	06/20/25 04:49	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-10(4-6)
Lab Sample ID: 460-328732-9
Date Collected: 06/17/25 08:00
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 83.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.080	U	0.080	0.019	mg/Kg	☼	06/18/25 17:35	06/20/25 04:49	1
cis-Chlordane	0.0080	U	0.0080	0.0013	mg/Kg	☼	06/18/25 17:35	06/20/25 04:49	1
delta-BHC	0.0024	U	0.0024	0.00049	mg/Kg	☼	06/18/25 17:35	06/20/25 04:49	1
Dieldrin	0.0024	U	0.0024	0.0010	mg/Kg	☼	06/18/25 17:35	06/20/25 04:49	1
Endosulfan I	0.0080	U	0.0080	0.0012	mg/Kg	☼	06/18/25 17:35	06/20/25 04:49	1
Endosulfan II	0.0080	U	0.0080	0.0021	mg/Kg	☼	06/18/25 17:35	06/20/25 04:49	1
Endosulfan sulfate	0.0080	U	0.0080	0.0010	mg/Kg	☼	06/18/25 17:35	06/20/25 04:49	1
Endrin	0.0080	U	0.0080	0.0011	mg/Kg	☼	06/18/25 17:35	06/20/25 04:49	1
Endrin aldehyde	0.0080	U	0.0080	0.0019	mg/Kg	☼	06/18/25 17:35	06/20/25 04:49	1
Endrin ketone	0.0080	U	0.0080	0.0016	mg/Kg	☼	06/18/25 17:35	06/20/25 04:49	1
gamma-BHC (Lindane)	0.0024	U	0.0024	0.00074	mg/Kg	☼	06/18/25 17:35	06/20/25 04:49	1
Heptachlor	0.0080	U	0.0080	0.00094	mg/Kg	☼	06/18/25 17:35	06/20/25 04:49	1
Heptachlor epoxide	0.0080	U	0.0080	0.0012	mg/Kg	☼	06/18/25 17:35	06/20/25 04:49	1
Methoxychlor	0.0080	U	0.0080	0.0018	mg/Kg	☼	06/18/25 17:35	06/20/25 04:49	1
Toxaphene	0.080	U	0.080	0.029	mg/Kg	☼	06/18/25 17:35	06/20/25 04:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*06/18/25 17:35*	*06/20/25 04:49*	*1*
DCB Decachlorobiphenyl	*135*		*10 - 150*	*06/18/25 17:35*	*06/20/25 04:49*	*1*
Tetrachloro-m-xylene	*98*		*14 - 150*	*06/18/25 17:35*	*06/20/25 04:49*	*1*
Tetrachloro-m-xylene	*108*		*14 - 150*	*06/18/25 17:35*	*06/20/25 04:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.080	U	0.080	0.021	mg/Kg	☼	06/18/25 17:27	06/20/25 11:17	1
Aroclor 1221	0.080	U	0.080	0.021	mg/Kg	☼	06/18/25 17:27	06/20/25 11:17	1
Aroclor 1232	0.080	U	0.080	0.021	mg/Kg	☼	06/18/25 17:27	06/20/25 11:17	1
Aroclor 1242	0.080	U	0.080	0.021	mg/Kg	☼	06/18/25 17:27	06/20/25 11:17	1
Aroclor 1248	0.080	U	0.080	0.021	mg/Kg	☼	06/18/25 17:27	06/20/25 11:17	1
Aroclor 1254	0.080	U	0.080	0.021	mg/Kg	☼	06/18/25 17:27	06/20/25 11:17	1
Aroclor 1260	0.080	U	0.080	0.021	mg/Kg	☼	06/18/25 17:27	06/20/25 11:17	1
Aroclor-1262	0.080	U	0.080	0.021	mg/Kg	☼	06/18/25 17:27	06/20/25 11:17	1
Aroclor 1268	0.080	U	0.080	0.021	mg/Kg	☼	06/18/25 17:27	06/20/25 11:17	1
Polychlorinated biphenyls, Total	0.080	U	0.080	0.021	mg/Kg	☼	06/18/25 17:27	06/20/25 11:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*169*	*	*10 - 150*	*06/18/25 17:27*	*06/20/25 11:17*	*1*
DCB Decachlorobiphenyl	*173*	*	*10 - 150*	*06/18/25 17:27*	*06/20/25 11:17*	*1*
Tetrachloro-m-xylene	*124*		*10 - 150*	*06/18/25 17:27*	*06/20/25 11:17*	*1*
Tetrachloro-m-xylene	*136*		*10 - 150*	*06/18/25 17:27*	*06/20/25 11:17*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.040	U	0.040	0.0084	mg/Kg	☼	06/19/25 05:48	06/21/25 12:36	1
2,4-D	0.040	U	0.040	0.014	mg/Kg	☼	06/19/25 05:48	06/21/25 12:36	1
Silvex (2,4,5-TP)	0.040	U	0.040	0.0041	mg/Kg	☼	06/19/25 05:48	06/21/25 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*2240*	*	*38 - 150*	*06/19/25 05:48*	*06/21/25 12:36*	*1*
2,4-Dichlorophenylacetic acid	*210*	*	*38 - 150*	*06/19/25 05:48*	*06/21/25 12:36*	*1*

Client Sample ID: RX-10(4-6)

Lab Sample ID: 460-328732-9
Date Collected: 06/17/25 08:00
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5790		18.8	5.2	mg/Kg	☼	06/20/25 19:05	06/21/25 17:54	1
Antimony	0.44	J	0.94	0.14	mg/Kg	☼	06/20/25 19:05	06/21/25 17:54	1
Arsenic	4.9		0.94	0.097	mg/Kg	☼	06/20/25 19:05	06/21/25 17:54	1
Barium	53.1		1.9	0.14	mg/Kg	☼	06/20/25 19:05	06/21/25 17:54	1
Beryllium	0.28	J	0.38	0.021	mg/Kg	☼	06/20/25 19:05	06/21/25 17:54	1
Cadmium	0.12	J	0.94	0.11	mg/Kg	☼	06/20/25 19:05	06/21/25 17:54	1
Calcium	20500		94.1	9.2	mg/Kg	☼	06/20/25 19:05	06/21/25 17:54	1
Chromium	13.0		1.9	0.28	mg/Kg	☼	06/20/25 19:05	06/21/25 17:54	1
Cobalt	5.5		1.9	0.14	mg/Kg	☼	06/20/25 19:05	06/21/25 17:54	1
Copper	25.9		1.9	0.35	mg/Kg	☼	06/20/25 19:05	06/21/25 17:54	1
Iron	14300		56.4	7.2	mg/Kg	☼	06/20/25 19:05	06/21/25 17:54	1
Lead	61.4		0.56	0.19	mg/Kg	☼	06/20/25 19:05	06/21/25 17:54	1
Magnesium	6100		94.1	9.6	mg/Kg	☼	06/20/25 19:05	06/21/25 17:54	1
Manganese	232		3.8	0.38	mg/Kg	☼	06/20/25 19:05	06/21/25 17:54	1
Nickel	11.7		1.9	0.17	mg/Kg	☼	06/20/25 19:05	06/21/25 17:54	1
Potassium	877		94.1	15.2	mg/Kg	☼	06/20/25 19:05	06/21/25 17:54	1
Selenium	0.93	J	1.2	0.12	mg/Kg	☼	06/20/25 19:05	06/21/25 17:54	1
Silver	0.38	U	0.38	0.084	mg/Kg	☼	06/20/25 19:05	06/21/25 17:54	1
Sodium	304		94.1	43.0	mg/Kg	☼	06/20/25 19:05	06/21/25 17:54	1
Thallium	0.10	J	0.38	0.039	mg/Kg	☼	06/20/25 19:05	06/21/25 17:54	1
Vanadium	23.7		1.9	0.19	mg/Kg	☼	06/20/25 19:05	06/21/25 17:54	1
Zinc	43.9		7.5	1.0	mg/Kg	☼	06/20/25 19:05	06/21/25 17:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10		0.018	0.0087	mg/Kg	☼	06/23/25 01:17	06/23/25 12:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	13.0		2.0	2.0	mg/Kg	☼		06/23/25 00:31	1
Cr (VI) (SW846 7196A)	2.3	U	2.3	0.99	mg/Kg	☼	06/24/25 08:40	06/24/25 15:15	1
Cr (VI) (SW846 7196A)	2.3	U	2.3	0.99	mg/Kg	☼	06/25/25 09:40	06/25/25 10:51	1
Cyanide, Total (SW846 9012B)	0.13	J	0.24	0.13	mg/Kg	☼	06/22/25 14:52	06/22/25 17:38	1
Percent Moisture (EPA Moisture)	16.3		1.0	1.0	%			06/19/25 08:42	1
Percent Solids (EPA Moisture)	83.7		1.0	1.0	%			06/19/25 08:42	1

Client Sample ID: RX-7(0-2)

Lab Sample ID: 460-328732-10
Date Collected: 06/17/25 11:30
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328732-1

Client Sample ID: RX-7(0-2)
Date Collected: 06/17/25 11:30
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-10
Matrix: Solid
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**0.13**		0.0014	0.00034	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00063	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00058	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
1,3,5-Trimethylbenzene	**0.031**		0.0014	0.00043	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
2-Butanone (MEK)	**0.025**		0.0069	0.00051	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
2-Hexanone	0.0069	U	0.0069	0.0024	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
4-Methyl-2-pentanone (MIBK)	0.0069	U	0.0069	0.0021	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Acetone	**0.13**		0.0083	0.0079	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Benzene	**0.011**		0.0014	0.00078	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Bromoform	0.0014	U	0.0014	0.00059	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Carbon disulfide	**0.0069**		0.0014	0.00037	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Carbon tetrachloride	0.0014	U	0.0014	0.00053	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Chlorobenzene	0.0014	U	0.0014	0.00070	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Chlorobromomethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Chlorodibromomethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Chloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Chloromethane	0.0014	U	0.0014	0.00060	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Cyclohexane	**0.0059**		0.0014	0.00030	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00047	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Ethylbenzene	**0.051**		0.0014	0.00064	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Ethylene Dibromide	0.0014	U	0.0014	0.00069	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Isopropylbenzene	**0.0086**		0.0014	0.00039	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Methyl acetate	0.0069	U	0.0069	0.0059	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00071	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Methylcyclohexane	**0.0099**		0.0014	0.00069	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
m-Xylene & p-Xylene	**0.12**		0.0014	0.00058	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
n-Butylbenzene	**0.0019**		0.0014	0.00041	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
N-Propylbenzene	**0.014**		0.0014	0.00062	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
o-Xylene	**0.022**		0.0014	0.00064	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
sec-Butylbenzene	**0.0015**		0.0014	0.00040	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
tert-Butylbenzene	0.0014	U	0.0014	0.00038	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Tetrachloroethene	**0.0014**		0.0014	0.00042	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Toluene	**0.013**		0.0014	0.00032	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00056	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1
Vinyl chloride	0.0014	U	0.0014	0.00075	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1

Client Sample ID: RX-7(0-2)
Date Collected: 06/17/25 11:30
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-10
Matrix: Solid
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	**0.14**		0.0028	0.00024	mg/Kg	☼	06/18/25 08:33	06/21/25 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*79*		*65 - 138*	*06/18/25 08:33*	*06/21/25 14:09*	*1*
4-Bromofluorobenzene	*81*		*71 - 128*	*06/18/25 08:33*	*06/21/25 14:09*	*1*
Dibromofluoromethane (Surr)	*30*	*	*50 - 150*	*06/18/25 08:33*	*06/21/25 14:09*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*06/18/25 08:33*	*06/21/25 14:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
2-Methylnaphthalene	**0.026**	**J**	0.35	0.0099	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Acenaphthene	**0.010**	**J**	0.35	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Anthracene	**0.026**	**J**	0.35	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Benzo[a]anthracene	**0.082**		0.035	0.027	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Benzo[a]pyrene	**0.079**		0.035	0.0094	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Benzo[b]fluoranthene	**0.11**		0.035	0.0091	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Benzo[g,h,i]perylene	**0.049**	**J**	0.35	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Benzo[k]fluoranthene	**0.045**		0.035	0.0069	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-7(0-2)
Lab Sample ID: 460-328732-10
Date Collected: 06/17/25 11:30
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Bis(2-ethylhexyl) phthalate	**0.071**	**J**	0.35	0.019	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Butyl benzyl phthalate	**0.18**	**J**	0.35	0.017	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Chrysene	**0.080**	**J**	0.35	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Fluoranthene	**0.15**	**J**	0.35	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Indeno[1,2,3-cd]pyrene	**0.038**		0.035	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Naphthalene	**0.034**	**J**	0.35	0.0061	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Phenanthrene	**0.090**	**J**	0.35	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1
Pyrene	**0.13**	**J**	0.35	0.0088	mg/Kg	☼	06/19/25 18:37	06/20/25 10:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*18 - 137*	*06/19/25 18:37*	*06/20/25 10:50*	*1*
2-Fluorobiphenyl	*64*		*33 - 117*	*06/19/25 18:37*	*06/20/25 10:50*	*1*
2-Fluorophenol (Surr)	*64*		*24 - 120*	*06/19/25 18:37*	*06/20/25 10:50*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*06/19/25 18:37*	*06/20/25 10:50*	*1*
Phenol-d5 (Surr)	*64*		*28 - 118*	*06/19/25 18:37*	*06/20/25 10:50*	*1*
Terphenyl-d14 (Surr)	*59*		*33 - 124*	*06/19/25 18:37*	*06/20/25 10:50*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	06/18/25 17:35	06/19/25 10:56	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	06/18/25 17:35	06/19/25 10:56	1
4,4'-DDT	**0.0022**	**J**	0.0071	0.0013	mg/Kg	☼	06/18/25 17:35	06/19/25 10:56	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	06/18/25 17:35	06/19/25 10:56	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	06/18/25 17:35	06/19/25 10:56	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	06/18/25 17:35	06/19/25 10:56	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	06/18/25 17:35	06/19/25 10:56	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	06/18/25 17:35	06/19/25 10:56	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	06/18/25 17:35	06/19/25 10:56	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	06/18/25 17:35	06/19/25 10:56	1

Client Sample ID: RX-7(0-2)
Date Collected: 06/17/25 11:30
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-10
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	06/18/25 17:35	06/19/25 10:56	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	06/18/25 17:35	06/19/25 10:56	1
Endosulfan sulfate	0.0071	U	0.0071	0.00090	mg/Kg	☼	06/18/25 17:35	06/19/25 10:56	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	06/18/25 17:35	06/19/25 10:56	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	06/18/25 17:35	06/19/25 10:56	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	06/18/25 17:35	06/19/25 10:56	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	06/18/25 17:35	06/19/25 10:56	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	06/18/25 17:35	06/19/25 10:56	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	06/18/25 17:35	06/19/25 10:56	1
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	06/18/25 17:35	06/19/25 10:56	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	06/18/25 17:35	06/19/25 10:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*108*		*10 - 150*	*06/18/25 17:35*	*06/19/25 10:56*	*1*
DCB Decachlorobiphenyl	*117*		*10 - 150*	*06/18/25 17:35*	*06/19/25 10:56*	*1*
Tetrachloro-m-xylene	*104*		*14 - 150*	*06/18/25 17:35*	*06/19/25 10:56*	*1*
Tetrachloro-m-xylene	*102*		*14 - 150*	*06/18/25 17:35*	*06/19/25 10:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 21:17	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 21:17	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 21:17	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 21:17	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 21:17	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 21:17	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 21:17	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 21:17	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 21:17	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*166*	*	*10 - 150*	*06/18/25 17:27*	*06/19/25 21:17*	*1*
DCB Decachlorobiphenyl	*178*	*	*10 - 150*	*06/18/25 17:27*	*06/19/25 21:17*	*1*
Tetrachloro-m-xylene	*140*		*10 - 150*	*06/18/25 17:27*	*06/19/25 21:17*	*1*
Tetrachloro-m-xylene	*148*		*10 - 150*	*06/18/25 17:27*	*06/19/25 21:17*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.035	U	0.035	0.0075	mg/Kg	☼	06/19/25 05:48	06/21/25 12:55	1
2,4-D	0.035	U	0.035	0.013	mg/Kg	☼	06/19/25 05:48	06/21/25 12:55	1
Silvex (2,4,5-TP)	0.035	U	0.035	0.0037	mg/Kg	☼	06/19/25 05:48	06/21/25 12:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*868*	*	*38 - 150*	*06/19/25 05:48*	*06/21/25 12:55*	*1*
2,4-Dichlorophenylacetic acid	*119*		*38 - 150*	*06/19/25 05:48*	*06/21/25 12:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5510**		15.8	4.3	mg/Kg	☼	06/20/25 19:05	06/21/25 18:03	1
Antimony	**0.84**		0.79	0.12	mg/Kg	☼	06/20/25 19:05	06/21/25 18:03	1

Client Sample ID: RX-7(0-2)
Lab Sample ID: 460-328732-10

Date Collected: 06/17/25 11:30
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.2**		0.79	0.081	mg/Kg	☼	06/20/25 19:05	06/21/25 18:03	1
Barium	**69.3**		1.6	0.11	mg/Kg	☼	06/20/25 19:05	06/21/25 18:03	1
Beryllium	**0.33**		0.32	0.017	mg/Kg	☼	06/20/25 19:05	06/21/25 18:03	1
Cadmium	**0.50**	**J**	0.79	0.089	mg/Kg	☼	06/20/25 19:05	06/21/25 18:03	1
Calcium	**34400**		79.0	7.7	mg/Kg	☼	06/20/25 19:05	06/21/25 18:03	1
Chromium	**16.4**		1.6	0.23	mg/Kg	☼	06/20/25 19:05	06/21/25 18:03	1
Cobalt	**3.7**		1.6	0.12	mg/Kg	☼	06/20/25 19:05	06/21/25 18:03	1
Copper	**26.4**		1.6	0.29	mg/Kg	☼	06/20/25 19:05	06/21/25 18:03	1
Iron	**16400**		47.4	6.0	mg/Kg	☼	06/20/25 19:05	06/21/25 18:03	1
Lead	**47.2**		0.47	0.16	mg/Kg	☼	06/20/25 19:05	06/21/25 18:03	1
Magnesium	**5160**		79.0	8.1	mg/Kg	☼	06/20/25 19:05	06/21/25 18:03	1
Manganese	**135**		3.2	0.32	mg/Kg	☼	06/20/25 19:05	06/21/25 18:03	1
Nickel	**11.3**		1.6	0.14	mg/Kg	☼	06/20/25 19:05	06/21/25 18:03	1
Potassium	**795**		79.0	12.8	mg/Kg	☼	06/20/25 19:05	06/21/25 18:03	1
Selenium	**0.27**	**J**	0.99	0.10	mg/Kg	☼	06/20/25 19:05	06/21/25 18:03	1
Silver	**0.20**	**J**	0.32	0.070	mg/Kg	☼	06/20/25 19:05	06/21/25 18:03	1
Sodium	**272**		79.0	36.1	mg/Kg	☼	06/20/25 19:05	06/21/25 18:03	1
Thallium	**0.052**	**J**	0.32	0.032	mg/Kg	☼	06/20/25 19:05	06/21/25 18:03	1
Vanadium	**20.8**		1.6	0.16	mg/Kg	☼	06/20/25 19:05	06/21/25 18:03	1
Zinc	**109**		6.3	0.86	mg/Kg	☼	06/20/25 19:05	06/21/25 18:03	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.13**		0.018	0.0083	mg/Kg	☼	06/23/25 01:17	06/23/25 12:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	**16.4**		2.0	2.0	mg/Kg	☼		06/23/25 00:31	1
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.88	mg/Kg	☼	06/24/25 08:40	06/24/25 16:05	1
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.88	mg/Kg	☼	06/25/25 09:40	06/25/25 10:51	1
Cyanide, Total (SW846 9012B)	0.24	U	0.24	0.13	mg/Kg	☼	06/22/25 14:52	06/22/25 17:39	1
Percent Moisture (EPA Moisture)	**6.2**		1.0	1.0	%			06/19/25 08:42	1
Percent Solids (EPA Moisture)	**93.8**		1.0	1.0	%			06/19/25 08:42	1

Client Sample ID: RX-7(4-6)
Lab Sample ID: 460-328732-11

Date Collected: 06/17/25 11:40
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
1,2,4-Trimethylbenzene	**0.0054**		0.0010	0.00025	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328732-1

Client Sample ID: RX-7(4-6)
Date Collected: 06/17/25 11:40
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-11
Matrix: Solid
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
1,3,5-Trimethylbenzene	**0.0045**		0.0010	0.00032	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
2-Butanone (MEK)	**0.020**		0.0052	0.00038	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Acetone	**0.081**		0.0062	0.0059	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Benzene	**0.012**		0.0010	0.00058	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Carbon disulfide	**0.0087**		0.0010	0.00027	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Cyclohexane	**0.077**		0.0010	0.00023	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Ethylbenzene	**0.0032**		0.0010	0.00048	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Isopropylbenzene	**0.20**		0.0010	0.00029	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Methyl acetate	0.0052	U	0.0052	0.0044	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Methylcyclohexane	**0.25**		0.0010	0.00051	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
m-Xylene & p-Xylene	**0.017**		0.0010	0.00044	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
n-Butylbenzene	**0.16**		0.0010	0.00030	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
N-Propylbenzene	**0.28**		0.0010	0.00046	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
o-Xylene	**0.0092**		0.0010	0.00048	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
sec-Butylbenzene	**0.31**		0.0010	0.00030	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
tert-Butylbenzene	**0.030**		0.0010	0.00028	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Toluene	**0.0042**		0.0010	0.00024	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1
Xylenes, Total	**0.026**		0.0021	0.00018	mg/Kg	☼	06/18/25 08:34	06/23/25 11:06	1

Client Sample ID: RX-7(4-6)
Date Collected: 06/17/25 11:40
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-11
Matrix: Solid
Percent Solids: 93.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		65 - 138	06/18/25 08:34	06/23/25 11:06	1
4-Bromofluorobenzene	77		71 - 128	06/18/25 08:34	06/23/25 11:06	1
Dibromofluoromethane (Surr)	72		50 - 150	06/18/25 08:34	06/23/25 11:06	1
Toluene-d8 (Surr)	156	*	71 - 126	06/18/25 08:34	06/23/25 11:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
2,4-Dinitrophenol	0.29	U	0.29	0.17	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
2-Methylnaphthalene	**3.1**		0.35	0.0099	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
2-Nitrophenol	0.35	U	0.35	0.036	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Acenaphthene	**4.2**		0.35	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Anthracene	**0.94**		0.35	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Benzo[a]anthracene	**0.096**		0.035	0.027	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Benzo[a]pyrene	**0.032**	**J**	0.035	0.0095	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Benzo[b]fluoranthene	**0.060**		0.035	0.0092	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Benzo[g,h,i]perylene	**0.025**	**J**	0.35	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Benzo[k]fluoranthene	**0.013**	**J**	0.035	0.0070	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.066	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Bis(2-ethylhexyl) phthalate	**0.18**	**J**	0.35	0.019	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1

Client Sample ID: RX-7(4-6)
Date Collected: 06/17/25 11:40
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-11
Matrix: Solid
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Carbazole	0.35	U	0.35	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Chrysene	**0.25**	**J**	0.35	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Dibenzofuran	**3.8**		0.35	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Dimethyl phthalate	0.35	U	0.35	0.081	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Fluoranthene	**1.1**		0.35	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Indeno[1,2,3-cd]pyrene	**0.016**	**J**	0.035	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Phenanthrene	**7.1**		0.35	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1
Pyrene	**2.1**		0.35	0.0088	mg/Kg	☼	06/19/25 18:37	06/20/25 11:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*61*		*18 - 137*	*06/19/25 18:37*	*06/20/25 11:08*	*1*
2-Fluorobiphenyl	*66*		*33 - 117*	*06/19/25 18:37*	*06/20/25 11:08*	*1*
2-Fluorophenol (Surr)	*61*		*24 - 120*	*06/19/25 18:37*	*06/20/25 11:08*	*1*
Nitrobenzene-d5 (Surr)	*90*		*27 - 120*	*06/19/25 18:37*	*06/20/25 11:08*	*1*
Phenol-d5 (Surr)	*61*		*28 - 118*	*06/19/25 18:37*	*06/20/25 11:08*	*1*
Terphenyl-d14 (Surr)	*59*		*33 - 124*	*06/19/25 18:37*	*06/20/25 11:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	**7.7**		0.71	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 12:35	2

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	06/18/25 17:35	06/19/25 11:08	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	06/18/25 17:35	06/19/25 11:08	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	06/18/25 17:35	06/19/25 11:08	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	06/18/25 17:35	06/19/25 11:08	1
alpha-BHC	0.0022	U	0.0022	0.00073	mg/Kg	☼	06/18/25 17:35	06/19/25 11:08	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	06/18/25 17:35	06/19/25 11:08	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	06/18/25 17:35	06/19/25 11:08	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	06/18/25 17:35	06/19/25 11:08	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	06/18/25 17:35	06/19/25 11:08	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	06/18/25 17:35	06/19/25 11:08	1

Client Sample ID: RX-7(4-6)
Date Collected: 06/17/25 11:40
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-11
Matrix: Solid
Percent Solids: 93.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	06/18/25 17:35	06/19/25 11:08	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	06/18/25 17:35	06/19/25 11:08	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	06/18/25 17:35	06/19/25 11:08	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	06/18/25 17:35	06/19/25 11:08	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	06/18/25 17:35	06/19/25 11:08	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	06/18/25 17:35	06/19/25 11:08	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	06/18/25 17:35	06/19/25 11:08	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	06/18/25 17:35	06/19/25 11:08	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	06/18/25 17:35	06/19/25 11:08	1
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	06/18/25 17:35	06/19/25 11:08	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	06/18/25 17:35	06/19/25 11:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*122*		*10 - 150*	*06/18/25 17:35*	*06/19/25 11:08*	*1*
DCB Decachlorobiphenyl	*135*		*10 - 150*	*06/18/25 17:35*	*06/19/25 11:08*	*1*
Tetrachloro-m-xylene	*105*		*14 - 150*	*06/18/25 17:35*	*06/19/25 11:08*	*1*
Tetrachloro-m-xylene	*97*		*14 - 150*	*06/18/25 17:35*	*06/19/25 11:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 21:34	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 21:34	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 21:34	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 21:34	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 21:34	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 21:34	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 21:34	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 21:34	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 21:34	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	06/18/25 17:27	06/19/25 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*175*	*	*10 - 150*	*06/18/25 17:27*	*06/19/25 21:34*	*1*
DCB Decachlorobiphenyl	*188*	*	*10 - 150*	*06/18/25 17:27*	*06/19/25 21:34*	*1*
Tetrachloro-m-xylene	*132*		*10 - 150*	*06/18/25 17:27*	*06/19/25 21:34*	*1*
Tetrachloro-m-xylene	*144*		*10 - 150*	*06/18/25 17:27*	*06/19/25 21:34*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0076	mg/Kg	☼	06/19/25 05:48	06/21/25 13:14	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	06/19/25 05:48	06/21/25 13:14	1
Silvex (2,4,5-TP)	0.036	U	0.036	0.0037	mg/Kg	☼	06/19/25 05:48	06/21/25 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*13893*	*	*38 - 150*	*06/19/25 05:48*	*06/21/25 13:14*	*1*
2,4-Dichlorophenylacetic acid	*303*	*	*38 - 150*	*06/19/25 05:48*	*06/21/25 13:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3990**		16.9	4.6	mg/Kg	☼	06/20/25 19:05	06/21/25 18:06	1
Antimony	**0.24**	**J**	0.85	0.12	mg/Kg	☼	06/20/25 19:05	06/21/25 18:06	1

Client Sample ID: RX-7(4-6)
Lab Sample ID: 460-328732-11

Date Collected: 06/17/25 11:40
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.4		0.85	0.087	mg/Kg	☼	06/20/25 19:05	06/21/25 18:06	1
Barium	47.1		1.7	0.12	mg/Kg	☼	06/20/25 19:05	06/21/25 18:06	1
Beryllium	0.32	J	0.34	0.019	mg/Kg	☼	06/20/25 19:05	06/21/25 18:06	1
Cadmium	0.85	U	0.85	0.096	mg/Kg	☼	06/20/25 19:05	06/21/25 18:06	1
Calcium	13700		84.6	8.2	mg/Kg	☼	06/20/25 19:05	06/21/25 18:06	1
Chromium	7.6		1.7	0.25	mg/Kg	☼	06/20/25 19:05	06/21/25 18:06	1
Cobalt	4.8		1.7	0.13	mg/Kg	☼	06/20/25 19:05	06/21/25 18:06	1
Copper	36.5		1.7	0.31	mg/Kg	☼	06/20/25 19:05	06/21/25 18:06	1
Iron	15800		50.8	6.5	mg/Kg	☼	06/20/25 19:05	06/21/25 18:06	1
Lead	11.0		0.51	0.17	mg/Kg	☼	06/20/25 19:05	06/21/25 18:06	1
Magnesium	3380		84.6	8.6	mg/Kg	☼	06/20/25 19:05	06/21/25 18:06	1
Manganese	97.9		3.4	0.34	mg/Kg	☼	06/20/25 19:05	06/21/25 18:06	1
Nickel	8.2		1.7	0.15	mg/Kg	☼	06/20/25 19:05	06/21/25 18:06	1
Potassium	469		84.6	13.7	mg/Kg	☼	06/20/25 19:05	06/21/25 18:06	1
Selenium	0.24	J	1.1	0.11	mg/Kg	☼	06/20/25 19:05	06/21/25 18:06	1
Silver	0.34	U	0.34	0.075	mg/Kg	☼	06/20/25 19:05	06/21/25 18:06	1
Sodium	267		84.6	38.7	mg/Kg	☼	06/20/25 19:05	06/21/25 18:06	1
Thallium	0.098	J	0.34	0.035	mg/Kg	☼	06/20/25 19:05	06/21/25 18:06	1
Vanadium	35.0		1.7	0.17	mg/Kg	☼	06/20/25 19:05	06/21/25 18:06	1
Zinc	42.7		6.8	0.92	mg/Kg	☼	06/20/25 19:05	06/21/25 18:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.086		0.017	0.0082	mg/Kg	☼	06/23/25 01:17	06/23/25 12:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	7.6		2.0	2.0	mg/Kg	☼		06/23/25 00:31	1
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.90	mg/Kg	☼	06/24/25 08:40	06/24/25 16:05	1
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.90	mg/Kg	☼	06/25/25 09:40	06/25/25 10:51	1
Cyanide, Total (SW846 9012B)	0.24		0.22	0.12	mg/Kg	☼	06/22/25 14:52	06/22/25 17:40	1
Percent Moisture (EPA Moisture)	7.0		1.0	1.0	%			06/19/25 08:42	1
Percent Solids (EPA Moisture)	93.0		1.0	1.0	%			06/19/25 08:42	1

Client Sample ID: RX-02(0-2)
Lab Sample ID: 460-328732-12

Date Collected: 06/17/25 13:45
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 99.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00075	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00043	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00086	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00086	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00032	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0011	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00035	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00066	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1

Client Sample ID: RX-02(0-2)
Date Collected: 06/17/25 13:45
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-12
Matrix: Solid
Percent Solids: 99.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00043	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00061	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00045	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00075	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
2-Butanone (MEK)	**0.011**		0.0072	0.00053	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
2-Hexanone	0.0072	U	0.0072	0.0025	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
4-Methyl-2-pentanone (MIBK)	0.0072	U	0.0072	0.0022	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Acetone	**0.063**		0.0086	0.0082	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Benzene	0.0014	U	0.0014	0.00082	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Bromoform	0.0014	U	0.0014	0.00061	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Bromomethane	0.0029	U	0.0029	0.0014	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Carbon disulfide	**0.014**		0.0014	0.00038	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Carbon tetrachloride	0.0014	U	0.0014	0.00056	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Chlorobenzene	0.0014	U	0.0014	0.00073	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Chlorobromomethane	0.0014	U	0.0014	0.00086	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Chlorodibromomethane	0.0014	U	0.0014	0.00077	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Chloroethane	**0.0024**		0.0014	0.00075	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Chloromethane	0.0014	U	0.0014	0.00063	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00051	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00039	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Cyclohexane	0.0014	U	0.0014	0.00032	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Dichlorobromomethane	0.0014	U	0.0014	0.00037	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00049	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Ethylbenzene	0.0014	U	0.0014	0.00067	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Ethylene Dibromide	0.0014	U	0.0014	0.00072	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Isopropylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Methyl acetate	0.0072	U	0.0072	0.0062	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00074	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Methylcyclohexane	0.0014	U	0.0014	0.00072	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Methylene Chloride	0.0029	U	0.0029	0.0016	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00061	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
n-Butylbenzene	0.0014	U	0.0014	0.00042	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
N-Propylbenzene	0.0014	U	0.0014	0.00065	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
o-Xylene	0.0014	U	0.0014	0.00066	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
sec-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Styrene	0.0014	U	0.0014	0.00040	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
tert-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Tetrachloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Toluene	0.0014	U	0.0014	0.00034	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00035	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Trichloroethene	0.0014	U	0.0014	0.00046	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00058	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Vinyl chloride	0.0014	U	0.0014	0.00078	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1
Xylenes, Total	0.0029	U	0.0029	0.00025	mg/Kg	☼	06/18/25 08:35	06/22/25 08:45	1

Client Sample ID: RX-02(0-2)
Date Collected: 06/17/25 13:45
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-12
Matrix: Solid
Percent Solids: 99.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*81*		*65 - 138*	*06/18/25 08:35*	*06/22/25 08:45*	*1*
4-Bromofluorobenzene	*84*		*71 - 128*	*06/18/25 08:35*	*06/22/25 08:45*	*1*
Dibromofluoromethane (Surr)	*66*		*50 - 150*	*06/18/25 08:35*	*06/22/25 08:45*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*06/18/25 08:35*	*06/22/25 08:45*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Acenaphthene	0.33	U	0.33	0.0095	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Anthracene	0.33	U	0.33	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Atrazine	0.13	U	0.13	0.020	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Benzo[a]pyrene	0.033	U	0.033	0.0089	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Benzo[b]fluoranthene	**0.0094**	**J**	0.033	0.0086	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Bis(2-ethylhexyl) phthalate	**0.027**	**J**	0.33	0.018	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1

Client Sample ID: RX-02(0-2)
Lab Sample ID: 460-328732-12
Date Collected: 06/17/25 13:45
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 99.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	**0.090**	**J**	0.33	0.016	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Caprolactam	0.33	U	0.33	0.052	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Carbazole	0.33	U	0.33	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Chrysene	0.33	U	0.33	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Diethyl phthalate	**0.011**	**J**	0.33	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Di-n-butyl phthalate	0.33	U	0.33	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Hexachlorobutadiene	0.067	U	0.067	0.0071	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Isophorone	0.13	U	0.13	0.096	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Naphthalene	0.33	U	0.33	0.0058	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Phenol	0.33	U	0.33	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1
Pyrene	**0.014**	**J**	0.33	0.0083	mg/Kg	☼	06/19/25 18:37	06/20/25 11:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*18 - 137*	*06/19/25 18:37*	*06/20/25 11:25*	*1*
2-Fluorobiphenyl	*67*		*33 - 117*	*06/19/25 18:37*	*06/20/25 11:25*	*1*
2-Fluorophenol (Surr)	*68*		*24 - 120*	*06/19/25 18:37*	*06/20/25 11:25*	*1*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*	*06/19/25 18:37*	*06/20/25 11:25*	*1*
Phenol-d5 (Surr)	*66*		*28 - 118*	*06/19/25 18:37*	*06/20/25 11:25*	*1*
Terphenyl-d14 (Surr)	*60*		*33 - 124*	*06/19/25 18:37*	*06/20/25 11:25*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg	☼	06/18/25 17:35	06/20/25 05:01	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg	☼	06/18/25 17:35	06/20/25 05:01	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg	☼	06/18/25 17:35	06/20/25 05:01	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg	☼	06/18/25 17:35	06/20/25 05:01	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg	☼	06/18/25 17:35	06/20/25 05:01	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg	☼	06/18/25 17:35	06/20/25 05:01	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg	☼	06/18/25 17:35	06/20/25 05:01	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg	☼	06/18/25 17:35	06/20/25 05:01	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg	☼	06/18/25 17:35	06/20/25 05:01	1
Dieldrin	0.0020	U	0.0020	0.00088	mg/Kg	☼	06/18/25 17:35	06/20/25 05:01	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg	☼	06/18/25 17:35	06/20/25 05:01	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg	☼	06/18/25 17:35	06/20/25 05:01	1
Endosulfan sulfate	0.0067	U	0.0067	0.00085	mg/Kg	☼	06/18/25 17:35	06/20/25 05:01	1

Client Sample ID: RX-02(0-2)
Date Collected: 06/17/25 13:45
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-12
Matrix: Solid
Percent Solids: 99.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	0.0067	U	0.0067	0.00097	mg/Kg	☼	06/18/25 17:35	06/20/25 05:01	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg	☼	06/18/25 17:35	06/20/25 05:01	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg	☼	06/18/25 17:35	06/20/25 05:01	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg	☼	06/18/25 17:35	06/20/25 05:01	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg	☼	06/18/25 17:35	06/20/25 05:01	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg	☼	06/18/25 17:35	06/20/25 05:01	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg	☼	06/18/25 17:35	06/20/25 05:01	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg	☼	06/18/25 17:35	06/20/25 05:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*108*		*10 - 150*	*06/18/25 17:35*	*06/20/25 05:01*	*1*
DCB Decachlorobiphenyl	*117*		*10 - 150*	*06/18/25 17:35*	*06/20/25 05:01*	*1*
Tetrachloro-m-xylene	*97*		*14 - 150*	*06/18/25 17:35*	*06/20/25 05:01*	*1*
Tetrachloro-m-xylene	*99*		*14 - 150*	*06/18/25 17:35*	*06/20/25 05:01*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg	☼	06/18/25 17:27	06/20/25 11:34	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg	☼	06/18/25 17:27	06/20/25 11:34	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg	☼	06/18/25 17:27	06/20/25 11:34	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg	☼	06/18/25 17:27	06/20/25 11:34	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg	☼	06/18/25 17:27	06/20/25 11:34	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg	☼	06/18/25 17:27	06/20/25 11:34	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg	☼	06/18/25 17:27	06/20/25 11:34	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg	☼	06/18/25 17:27	06/20/25 11:34	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg	☼	06/18/25 17:27	06/20/25 11:34	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg	☼	06/18/25 17:27	06/20/25 11:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*145*		*10 - 150*	*06/18/25 17:27*	*06/20/25 11:34*	*1*
DCB Decachlorobiphenyl	*160*	*	*10 - 150*	*06/18/25 17:27*	*06/20/25 11:34*	*1*
Tetrachloro-m-xylene	*117*		*10 - 150*	*06/18/25 17:27*	*06/20/25 11:34*	*1*
Tetrachloro-m-xylene	*129*		*10 - 150*	*06/18/25 17:27*	*06/20/25 11:34*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg	☼	06/19/25 05:48	06/21/25 13:33	1
2,4-D	0.033	U	0.033	0.012	mg/Kg	☼	06/19/25 05:48	06/21/25 13:33	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg	☼	06/19/25 05:48	06/21/25 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*672*	*	*38 - 150*	*06/19/25 05:48*	*06/21/25 13:33*	*1*
2,4-Dichlorophenylacetic acid	*507*	*	*38 - 150*	*06/19/25 05:48*	*06/21/25 13:33*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3440**		16.0	4.4	mg/Kg	☼	06/20/25 19:05	06/21/25 18:09	1
Antimony	**0.49**	**J**	0.80	0.12	mg/Kg	☼	06/20/25 19:05	06/21/25 18:09	1
Arsenic	**3.0**		0.80	0.082	mg/Kg	☼	06/20/25 19:05	06/21/25 18:09	1
Barium	**28.4**		1.6	0.12	mg/Kg	☼	06/20/25 19:05	06/21/25 18:09	1
Beryllium	**0.47**		0.32	0.018	mg/Kg	☼	06/20/25 19:05	06/21/25 18:09	1

Client Sample ID: RX-02(0-2)
Lab Sample ID: 460-328732-12

Date Collected: 06/17/25 13:45
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 99.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.12	J	0.80	0.090	mg/Kg	☼	06/20/25 19:05	06/21/25 18:09	1
Calcium	63300		79.9	7.8	mg/Kg	☼	06/20/25 19:05	06/21/25 18:09	1
Chromium	10.2		1.6	0.24	mg/Kg	☼	06/20/25 19:05	06/21/25 18:09	1
Cobalt	3.0		1.6	0.12	mg/Kg	☼	06/20/25 19:05	06/21/25 18:09	1
Copper	19.6		1.6	0.29	mg/Kg	☼	06/20/25 19:05	06/21/25 18:09	1
Iron	9020		47.9	6.1	mg/Kg	☼	06/20/25 19:05	06/21/25 18:09	1
Lead	13.9		0.48	0.16	mg/Kg	☼	06/20/25 19:05	06/21/25 18:09	1
Magnesium	23900		79.9	8.1	mg/Kg	☼	06/20/25 19:05	06/21/25 18:09	1
Manganese	130		3.2	0.32	mg/Kg	☼	06/20/25 19:05	06/21/25 18:09	1
Nickel	6.0		1.6	0.14	mg/Kg	☼	06/20/25 19:05	06/21/25 18:09	1
Potassium	621		79.9	12.9	mg/Kg	☼	06/20/25 19:05	06/21/25 18:09	1
Selenium	0.19	J	1.0	0.10	mg/Kg	☼	06/20/25 19:05	06/21/25 18:09	1
Silver	0.11	J	0.32	0.071	mg/Kg	☼	06/20/25 19:05	06/21/25 18:09	1
Sodium	228		79.9	36.5	mg/Kg	☼	06/20/25 19:05	06/21/25 18:09	1
Thallium	0.064	J	0.32	0.033	mg/Kg	☼	06/20/25 19:05	06/21/25 18:09	1
Vanadium	24.0		1.6	0.16	mg/Kg	☼	06/20/25 19:05	06/21/25 18:09	1
Zinc	70.1		6.4	0.87	mg/Kg	☼	06/20/25 19:05	06/21/25 18:09	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.048		0.015	0.0071	mg/Kg	☼	06/23/25 01:17	06/23/25 12:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	10.2		2.0	2.0	mg/Kg	☼		06/23/25 00:31	1
Cr (VI) (SW846 7196A)	2.0	U	2.0	0.84	mg/Kg	☼	06/24/25 08:40	06/24/25 16:05	1
Cr (VI) (SW846 7196A)	2.0	U	2.0	0.84	mg/Kg	☼	06/25/25 09:40	06/25/25 10:51	1
Cyanide, Total (SW846 9012B)	0.16	J	0.24	0.13	mg/Kg	☼	06/22/25 14:55	06/22/25 17:53	1
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			06/19/25 08:42	1
Percent Solids (EPA Moisture)	99.4		1.0	1.0	%			06/19/25 08:42	1

Client Sample ID: RX-02(6-8)
Lab Sample ID: 460-328732-13

Date Collected: 06/17/25 13:55
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00035	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00079	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00046	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00092	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00091	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00034	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00037	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00070	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00045	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00064	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-02(6-8)
Lab Sample ID: 460-328732-13
Date Collected: 06/17/25 13:55
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00048	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00056	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00079	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
2-Butanone (MEK)	**0.0036**	**J**	0.0076	0.00056	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
2-Hexanone	0.0076	U	0.0076	0.0026	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
4-Methyl-2-pentanone (MIBK)	0.0076	U	0.0076	0.0024	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Acetone	**0.031**		0.0091	0.0087	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Benzene	0.0015	U	0.0015	0.00086	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Bromoform	0.0015	U	0.0015	0.00065	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Bromomethane	0.0030	U	0.0030	0.0015	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Carbon disulfide	**0.0088**		0.0015	0.00041	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Carbon tetrachloride	0.0015	U	0.0015	0.00059	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Chlorobenzene	0.0015	U	0.0015	0.00077	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Chlorobromomethane	0.0015	U	0.0015	0.00091	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Chlorodibromomethane	0.0015	U	0.0015	0.00082	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Chloroethane	0.0015	U	0.0015	0.00079	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Chloromethane	0.0015	U	0.0015	0.00066	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00055	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00042	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Cyclohexane	**0.00040**	**J**	0.0015	0.00034	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Dichlorobromomethane	0.0015	U	0.0015	0.00039	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00051	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Ethylbenzene	0.0015	U	0.0015	0.00071	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Ethylene Dibromide	0.0015	U	0.0015	0.00077	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Isopropylbenzene	**0.0011**	**J**	0.0015	0.00043	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Methyl acetate	0.0076	U	0.0076	0.0065	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00078	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Methylcyclohexane	**0.0040**		0.0015	0.00076	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Methylene Chloride	0.0030	U	0.0030	0.0017	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00064	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
n-Butylbenzene	**0.0031**		0.0015	0.00045	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
N-Propylbenzene	**0.0012**	**J**	0.0015	0.00068	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
o-Xylene	0.0015	U	0.0015	0.00070	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
sec-Butylbenzene	**0.0068**		0.0015	0.00044	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Styrene	0.0015	U	0.0015	0.00042	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
tert-Butylbenzene	**0.0019**		0.0015	0.00042	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Tetrachloroethene	0.0015	U	0.0015	0.00046	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Toluene	0.0015	U	0.0015	0.00036	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00037	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00041	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Trichloroethene	0.0015	U	0.0015	0.00049	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00062	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Vinyl chloride	0.0015	U	0.0015	0.00083	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1
Xylenes, Total	0.0030	U	0.0030	0.00026	mg/Kg	☼	06/18/25 08:36	06/21/25 14:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*80*		*65 - 138*	*06/18/25 08:36*	*06/21/25 14:59*	*1*
4-Bromofluorobenzene	*80*		*71 - 128*	*06/18/25 08:36*	*06/21/25 14:59*	*1*
Dibromofluoromethane (Surr)	*38*	*	*50 - 150*	*06/18/25 08:36*	*06/21/25 14:59*	*1*

Client Sample ID: RX-02(6-8)
Date Collected: 06/17/25 13:55
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-13
Matrix: Solid
Percent Solids: 84.8

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*94*		*71 - 126*	*06/18/25 08:36*	*06/21/25 14:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.39	U	0.39	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
1,2,4,5-Tetrachlorobenzene	0.39	U	0.39	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
1,4-Dioxane	0.039	U	0.039	0.034	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
2,2'-oxybis[1-chloropropane]	0.39	U	0.39	0.023	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
2,3,4,6-Tetrachlorophenol	0.39	U	0.39	0.026	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
2,4,5-Trichlorophenol	0.39	U	0.39	0.040	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
2,4,6-Trichlorophenol	0.16	U	0.16	0.050	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
2,4-Dichlorophenol	0.16	U	0.16	0.025	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
2,4-Dimethylphenol	0.39	U	0.39	0.047	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
2,4-Dinitrophenol	0.31	U	0.31	0.19	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
2,4-Dinitrotoluene	0.079	U	0.079	0.042	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
2,6-Dinitrotoluene	0.079	U	0.079	0.028	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
2-Chloronaphthalene	0.39	U	0.39	0.050	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
2-Chlorophenol	0.39	U	0.39	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
2-Methylnaphthalene	**0.17**	**J**	0.39	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
2-Methylphenol	0.39	U	0.39	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
2-Nitroaniline	0.39	U	0.39	0.030	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
2-Nitrophenol	0.39	U	0.39	0.039	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
3 & 4 Methylphenol	0.39	U	0.39	0.024	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.059	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
3-Nitroaniline	0.39	U	0.39	0.093	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.16	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
4-Bromophenyl phenyl ether	0.39	U	0.39	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
4-Chloro-3-methylphenol	0.39	U	0.39	0.022	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
4-Chloroaniline	0.39	U	0.39	0.069	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
4-Chlorophenyl phenyl ether	0.39	U	0.39	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
4-Methylphenol	0.39	U	0.39	0.024	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
4-Nitroaniline	0.39	U	0.39	0.099	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
4-Nitrophenol	0.79	U	0.79	0.064	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Acenaphthene	**0.19**	**J**	0.39	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Acenaphthylene	0.39	U	0.39	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Acetophenone	0.39	U	0.39	0.019	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Anthracene	0.39	U	0.39	0.012	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Atrazine	0.16	U	0.16	0.023	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Benzaldehyde	0.39	U	0.39	0.064	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Benzo[a]anthracene	**0.032**	**J**	0.039	0.029	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Benzo[a]pyrene	**0.013**	**J**	0.039	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Benzo[b]fluoranthene	**0.017**	**J**	0.039	0.010	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Benzo[g,h,i]perylene	0.39	U	0.39	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Benzo[k]fluoranthene	**0.0087**	**J**	0.039	0.0076	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Bis(2-chloroethoxy)methane	0.39	U	0.39	0.072	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Bis(2-chloroethyl)ether	0.039	U	0.039	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Bis(2-ethylhexyl) phthalate	**0.036**	**J**	0.39	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Butyl benzyl phthalate	0.39	U	0.39	0.018	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Caprolactam	0.39	U	0.39	0.061	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-02(6-8)
Lab Sample ID: 460-328732-13
Date Collected: 06/17/25 13:55
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbazole	0.39	U	0.39	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Chrysene	**0.022**	**J**	0.39	0.016	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Dibenz(a,h)anthracene	0.039	U	0.039	0.017	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Dibenzofuran	0.39	U	0.39	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Diethyl phthalate	0.39	U	0.39	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Dimethyl phthalate	0.39	U	0.39	0.089	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Di-n-butyl phthalate	0.39	U	0.39	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Di-n-octyl phthalate	0.39	U	0.39	0.021	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Fluoranthene	**0.14**	**J**	0.39	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Fluorene	0.39	U	0.39	0.011	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Hexachlorobenzene	0.039	U	0.039	0.019	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Hexachlorobutadiene	0.079	U	0.079	0.0083	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Hexachlorocyclopentadiene	0.39	U	0.39	0.034	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Hexachloroethane	0.039	U	0.039	0.013	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Indeno[1,2,3-cd]pyrene	0.039	U	0.039	0.015	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Isophorone	0.16	U	0.16	0.11	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Naphthalene	**0.085**	**J**	0.39	0.0067	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Nitrobenzene	0.039	U	0.039	0.022	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
N-Nitrosodi-n-propylamine	0.039	U	0.039	0.028	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
N-Nitrosodiphenylamine	0.39	U	0.39	0.032	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Pentachlorophenol	0.31	U	0.31	0.080	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Phenanthrene	0.39	U	0.39	0.016	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Phenol	0.39	U	0.39	0.014	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1
Pyrene	**0.15**	**J**	0.39	0.0097	mg/Kg	☼	06/19/25 18:37	06/20/25 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*18 - 137*	*06/19/25 18:37*	*06/20/25 11:43*	*1*
2-Fluorobiphenyl	*65*		*33 - 117*	*06/19/25 18:37*	*06/20/25 11:43*	*1*
2-Fluorophenol (Surr)	*64*		*24 - 120*	*06/19/25 18:37*	*06/20/25 11:43*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*06/19/25 18:37*	*06/20/25 11:43*	*1*
Phenol-d5 (Surr)	*64*		*28 - 118*	*06/19/25 18:37*	*06/20/25 11:43*	*1*
Terphenyl-d14 (Surr)	*60*		*33 - 124*	*06/19/25 18:37*	*06/20/25 11:43*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0079	U	0.0079	0.0013	mg/Kg	☼	06/18/25 17:35	06/19/25 11:33	1
4,4'-DDE	0.0079	U	0.0079	0.00093	mg/Kg	☼	06/18/25 17:35	06/19/25 11:33	1
4,4'-DDT	0.0079	U	0.0079	0.0014	mg/Kg	☼	06/18/25 17:35	06/19/25 11:33	1
Aldrin	0.0079	U	0.0079	0.0012	mg/Kg	☼	06/18/25 17:35	06/19/25 11:33	1
alpha-BHC	0.0024	U	0.0024	0.00080	mg/Kg	☼	06/18/25 17:35	06/19/25 11:33	1
beta-BHC	0.0024	U	0.0024	0.00088	mg/Kg	☼	06/18/25 17:35	06/19/25 11:33	1
Chlordane (technical)	0.079	U	0.079	0.019	mg/Kg	☼	06/18/25 17:35	06/19/25 11:33	1
cis-Chlordane	0.0079	U	0.0079	0.0012	mg/Kg	☼	06/18/25 17:35	06/19/25 11:33	1
delta-BHC	0.0024	U	0.0024	0.00048	mg/Kg	☼	06/18/25 17:35	06/19/25 11:33	1
Dieldrin	0.0024	U	0.0024	0.0010	mg/Kg	☼	06/18/25 17:35	06/19/25 11:33	1
Endosulfan I	0.0079	U	0.0079	0.0012	mg/Kg	☼	06/18/25 17:35	06/19/25 11:33	1
Endosulfan II	0.0079	U	0.0079	0.0020	mg/Kg	☼	06/18/25 17:35	06/19/25 11:33	1
Endosulfan sulfate	0.0079	U	0.0079	0.00099	mg/Kg	☼	06/18/25 17:35	06/19/25 11:33	1
Endrin	0.0079	U	0.0079	0.0011	mg/Kg	☼	06/18/25 17:35	06/19/25 11:33	1
Endrin aldehyde	0.0079	U	0.0079	0.0019	mg/Kg	☼	06/18/25 17:35	06/19/25 11:33	1

Client Sample ID: RX-02(6-8)
Date Collected: 06/17/25 13:55
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-13
Matrix: Solid
Percent Solids: 84.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin ketone	0.0079	U	0.0079	0.0015	mg/Kg	☼	06/18/25 17:35	06/19/25 11:33	1
gamma-BHC (Lindane)	0.0024	U	0.0024	0.00073	mg/Kg	☼	06/18/25 17:35	06/19/25 11:33	1
Heptachlor	0.0079	U	0.0079	0.00093	mg/Kg	☼	06/18/25 17:35	06/19/25 11:33	1
Heptachlor epoxide	0.0079	U	0.0079	0.0012	mg/Kg	☼	06/18/25 17:35	06/19/25 11:33	1
Methoxychlor	0.0079	U	0.0079	0.0018	mg/Kg	☼	06/18/25 17:35	06/19/25 11:33	1
Toxaphene	0.079	U	0.079	0.029	mg/Kg	☼	06/18/25 17:35	06/19/25 11:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*06/18/25 17:35*	*06/19/25 11:33*	*1*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*06/18/25 17:35*	*06/19/25 11:33*	*1*
Tetrachloro-m-xylene	*92*		*14 - 150*	*06/18/25 17:35*	*06/19/25 11:33*	*1*
Tetrachloro-m-xylene	*88*		*14 - 150*	*06/18/25 17:35*	*06/19/25 11:33*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.079	U	0.079	0.021	mg/Kg	☼	06/18/25 17:27	06/19/25 22:07	1
Aroclor 1221	0.079	U	0.079	0.021	mg/Kg	☼	06/18/25 17:27	06/19/25 22:07	1
Aroclor 1232	0.079	U	0.079	0.021	mg/Kg	☼	06/18/25 17:27	06/19/25 22:07	1
Aroclor 1242	0.079	U	0.079	0.021	mg/Kg	☼	06/18/25 17:27	06/19/25 22:07	1
Aroclor 1248	0.079	U	0.079	0.021	mg/Kg	☼	06/18/25 17:27	06/19/25 22:07	1
Aroclor 1254	0.079	U	0.079	0.021	mg/Kg	☼	06/18/25 17:27	06/19/25 22:07	1
Aroclor 1260	0.079	U	0.079	0.021	mg/Kg	☼	06/18/25 17:27	06/19/25 22:07	1
Aroclor-1262	0.079	U	0.079	0.021	mg/Kg	☼	06/18/25 17:27	06/19/25 22:07	1
Aroclor 1268	0.079	U	0.079	0.021	mg/Kg	☼	06/18/25 17:27	06/19/25 22:07	1
Polychlorinated biphenyls, Total	0.079	U	0.079	0.021	mg/Kg	☼	06/18/25 17:27	06/19/25 22:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*167*	*	*10 - 150*	*06/18/25 17:27*	*06/19/25 22:07*	*1*
DCB Decachlorobiphenyl	*177*	*	*10 - 150*	*06/18/25 17:27*	*06/19/25 22:07*	*1*
Tetrachloro-m-xylene	*131*		*10 - 150*	*06/18/25 17:27*	*06/19/25 22:07*	*1*
Tetrachloro-m-xylene	*140*		*10 - 150*	*06/18/25 17:27*	*06/19/25 22:07*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.039	U	0.039	0.0083	mg/Kg	☼	06/19/25 05:48	06/21/25 13:52	1
2,4-D	0.039	U	0.039	0.014	mg/Kg	☼	06/19/25 05:48	06/21/25 13:52	1
Silvex (2,4,5-TP)	0.039	U	0.039	0.0041	mg/Kg	☼	06/19/25 05:48	06/21/25 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*875*	*	*38 - 150*	*06/19/25 05:48*	*06/21/25 13:52*	*1*
2,4-Dichlorophenylacetic acid	*200*	*	*38 - 150*	*06/19/25 05:48*	*06/21/25 13:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1380**		19.0	5.2	mg/Kg	☼	06/20/25 19:05	06/21/25 18:11	1
Antimony	0.95	U	0.95	0.14	mg/Kg	☼	06/20/25 19:05	06/21/25 18:11	1
Arsenic	**3.4**		0.95	0.098	mg/Kg	☼	06/20/25 19:05	06/21/25 18:11	1
Barium	**8.5**		1.9	0.14	mg/Kg	☼	06/20/25 19:05	06/21/25 18:11	1
Beryllium	**0.096**	**J**	0.38	0.021	mg/Kg	☼	06/20/25 19:05	06/21/25 18:11	1
Cadmium	0.95	U	0.95	0.11	mg/Kg	☼	06/20/25 19:05	06/21/25 18:11	1
Calcium	**26200**		95.1	9.2	mg/Kg	☼	06/20/25 19:05	06/21/25 18:11	1

Client Sample ID: RX-02(6-8)
Lab Sample ID: 460-328732-13
Date Collected: 06/17/25 13:55
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	4.1		1.9	0.28	mg/Kg	☼	06/20/25 19:05	06/21/25 18:11	1
Cobalt	1.7	J	1.9	0.14	mg/Kg	☼	06/20/25 19:05	06/21/25 18:11	1
Copper	5.2		1.9	0.35	mg/Kg	☼	06/20/25 19:05	06/21/25 18:11	1
Iron	5130		57.0	7.3	mg/Kg	☼	06/20/25 19:05	06/21/25 18:11	1
Lead	3.1		0.57	0.19	mg/Kg	☼	06/20/25 19:05	06/21/25 18:11	1
Magnesium	13800		95.1	9.7	mg/Kg	☼	06/20/25 19:05	06/21/25 18:11	1
Manganese	78.9		3.8	0.38	mg/Kg	☼	06/20/25 19:05	06/21/25 18:11	1
Nickel	3.2		1.9	0.17	mg/Kg	☼	06/20/25 19:05	06/21/25 18:11	1
Potassium	275		95.1	15.4	mg/Kg	☼	06/20/25 19:05	06/21/25 18:11	1
Selenium	0.14	J	1.2	0.12	mg/Kg	☼	06/20/25 19:05	06/21/25 18:11	1
Silver	0.38	U	0.38	0.085	mg/Kg	☼	06/20/25 19:05	06/21/25 18:11	1
Sodium	43.8	J	95.1	43.4	mg/Kg	☼	06/20/25 19:05	06/21/25 18:11	1
Thallium	0.38	U	0.38	0.039	mg/Kg	☼	06/20/25 19:05	06/21/25 18:11	1
Vanadium	6.7		1.9	0.20	mg/Kg	☼	06/20/25 19:05	06/21/25 18:11	1
Zinc	10.6		7.6	1.0	mg/Kg	☼	06/20/25 19:05	06/21/25 18:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018	U	0.018	0.0087	mg/Kg	☼	06/23/25 01:17	06/23/25 12:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	4.1		2.0	2.0	mg/Kg	☼		06/23/25 00:31	1
Cr (VI) (SW846 7196A)	2.3	U	2.3	0.98	mg/Kg	☼	06/24/25 08:40	06/24/25 16:05	1
Cr (VI) (SW846 7196A)	2.3	U	2.3	0.98	mg/Kg	☼	06/25/25 09:40	06/25/25 10:51	1
Cyanide, Total (SW846 9012B)	0.25	U	0.25	0.14	mg/Kg	☼	06/22/25 14:55	06/22/25 17:57	1
Percent Moisture (EPA Moisture)	15.2		1.0	1.0	%			06/19/25 08:42	1
Percent Solids (EPA Moisture)	84.8		1.0	1.0	%			06/19/25 08:42	1

Surrogate Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-328732-1	RX-05(0-2)	93	92	93	105
460-328732-2	RX-05(4-6)	81	82	95	95
460-328732-3	RX-06(0-2)	76	73	78	85
460-328732-3 MS	RX-06(0-2)	77	79	89	94
460-328732-3 MSD	RX-06(0-2)	82	86	89	101
460-328732-4	DUP_SO_06162025	91	89	102	102
460-328732-5	RX-06(6-8)	78	77	89	104
460-328732-8	RX-10(0-2)	89	87	105	99
460-328732-9	RX-10(4-6)	89	96	107	111
460-328732-10	RX-7(0-2)	79	81	30 *	93
460-328732-11	RX-7(4-6)	85	77	72	156 *
460-328732-12	RX-02(0-2)	81	84	66	96
460-328732-13	RX-02(6-8)	80	80	38 *	94
LCS 460-1045199/3	Lab Control Sample	87	80	102	100
LCS 460-1045338/3	Lab Control Sample	84	85	100	99
LCS 460-1045466/3	Lab Control Sample	86	84	105	101
LCSD 460-1045199/4	Lab Control Sample Dup	83	76	100	96
LCSD 460-1045338/4	Lab Control Sample Dup	82	84	103	103
LCSD 460-1045466/4	Lab Control Sample Dup	80	81	100	96
MB 460-1045199/7	Method Blank	89	83	109	101
MB 460-1045338/7	Method Blank	81	83	101	99
MB 460-1045466/7	Method Blank	78	77	97	93

Surrogate Legend

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

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-328732-6	FB_SO_06162025	107	96	94	101
460-328732-7	TRIP BLANK	106	94	94	101
LCS 460-1045526/4	Lab Control Sample	102	94	91	102
LCSD 460-1045526/6	Lab Control Sample Dup	103	93	89	103
MB 460-1045526/10	Method Blank	106	95	93	106

Surrogate Legend

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

Surrogate Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(18-137)	(33-117)	(24-120)	(27-120)	(28-118)	(33-124)
460-328732-1	RX-05(0-2)	62	61	63	59	62	58
460-328732-2	RX-05(4-6)	60	59	60	58	60	54
460-328732-3	RX-06(0-2)	63	62	64	61	63	57
460-328732-3 MS	RX-06(0-2)	73	70	69	68	71	63
460-328732-3 MSD	RX-06(0-2)	67	65	66	64	67	58
460-328732-4	DUP_SO_06162025	63	62	62	61	61	56
460-328732-5	RX-06(6-8)	62	63	61	65	59	54
460-328732-8	RX-10(0-2)	66	64	65	62	65	60
460-328732-9	RX-10(4-6)	64	62	64	64	62	58
460-328732-10	RX-7(0-2)	56	64	64	62	64	59
460-328732-11	RX-7(4-6)	61	66	61	90	61	59
460-328732-12	RX-02(0-2)	67	67	68	66	66	60
460-328732-13	RX-02(6-8)	68	65	64	62	64	60
LCS 460-1044899/2-A	Lab Control Sample	75	72	73	71	71	65
LCSD 460-1044899/3-A	Lab Control Sample Dup	76	71	71	70	71	64
MB 460-1044899/1-A	Method Blank	67	65	67	66	65	66

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(24-150)	(38-139)	(10-90)	(39-145)	(10-68)	(10-133)
460-328732-6	FB_SO_06162025	90	99	45	97	31	47
LCS 460-1044486/2-A	Lab Control Sample	104	112	73	123	57	91
LCSD 460-1044486/3-A	Lab Control Sample Dup	99	106	68	115	54	86
MB 460-1044486/1-A	Method Blank	97	102	66	114	50	76

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(14-150)	(14-150)
460-328732-1	RX-05(0-2)	114	105	94	100
460-328732-2	RX-05(4-6)	112	104	88	92

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(14-150)	(14-150)
460-328732-3	RX-06(0-2)	94	86	84	81
460-328732-3 MS	RX-06(0-2)	101	90	96	88
460-328732-3 MSD	RX-06(0-2)	81	72	78	71
460-328732-4	DUP_SO_06162025	109	115	102	113
460-328732-5	RX-06(6-8)	132	125	102	110
460-328732-8	RX-10(0-2)	109	105	102	107
460-328732-9	RX-10(4-6)	135	115	108	98
460-328732-10	RX-7(0-2)	117	108	102	104
460-328732-11	RX-7(4-6)	135	122	97	105
460-328732-12	RX-02(0-2)	117	108	99	97
460-328732-13	RX-02(6-8)	120	106	88	92
LCS 460-1044574/2-A	Lab Control Sample	97	91	81	72
LCSD 460-1044574/3-A	Lab Control Sample Dup	105	96	88	80
MB 460-1044574/1-A	Method Blank	106	98	88	83

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-131)	(10-131)	(31-120)	(31-120)
460-328732-6	FB_SO_06162025	112	92	82	81
LCS 460-1044360/2-A	Lab Control Sample	77	76	74	77
LCSD 460-1044360/3-A	Lab Control Sample Dup	84	78	78	79
MB 460-1044360/1-A	Method Blank	69	80	68	80

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(10-150)	(10-150)
460-328732-1	RX-05(0-2)	175 *	2 *	143	131
460-328732-2	RX-05(4-6)	179 *	174 *	138	128
460-328732-3	RX-06(0-2)	165 *	151 *	136	124
460-328732-3 MS	RX-06(0-2)	169 *	159 *	139	129
460-328732-3 MSD	RX-06(0-2)	180 *	163 *	147	133
460-328732-4	DUP_SO_06162025	190 *	182 *	160 *	147
460-328732-5	RX-06(6-8)	198 *	180 *	150	137
460-328732-8	RX-10(0-2)	167 *	158 *	145	132
460-328732-9	RX-10(4-6)	173 *	169 *	136	124
460-328732-10	RX-7(0-2)	178 *	166 *	148	140
460-328732-11	RX-7(4-6)	188 *	175 *	144	132
460-328732-12	RX-02(0-2)	160 *	145	129	117

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (10-150)	TCX2 (10-150)
460-328732-13	RX-02(6-8)	177 *	167 *	140	131
LCS 460-1044567/2-A	Lab Control Sample	144	132	121	108
LCSD 460-1044567/3-A	Lab Control Sample Dup	136	124	112	100
MB 460-1044567/1-A	Method Blank	145	132	121	109

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-127)	DCBP2 (10-127)	TCX1 (21-139)	TCX2 (21-139)
460-328732-6	FB_SO_06162025	46	43	37	36
LCS 460-1044363/2-A	Lab Control Sample	118	113	98	100
LCSD 460-1044363/3-A	Lab Control Sample Dup	112	108	92	94
MB 460-1044363/1-A	Method Blank	77	82	64	70

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPAA1 (38-150)	DCPAA2 (38-150)
460-328732-1	RX-05(0-2)	141	324 *
460-328732-2	RX-05(4-6)	925 *	913 *
460-328732-3	RX-06(0-2)	155 *	957 *
460-328732-3 MS	RX-06(0-2)	173 *	1170 *
460-328732-3 MSD	RX-06(0-2)	154 *	1426 *
460-328732-4	DUP_SO_06162025	204 *	2245 *
460-328732-5	RX-06(6-8)	194 *	9869 *
460-328732-8	RX-10(0-2)	133	204 *
460-328732-9	RX-10(4-6)	210 *	2240 *
460-328732-10	RX-7(0-2)	119	868 *
460-328732-11	RX-7(4-6)	303 *	13893 *
460-328732-12	RX-02(0-2)	507 *	672 *
460-328732-13	RX-02(6-8)	200 *	875 *
LCS 460-1044665/2-A	Lab Control Sample	105	109
LCSD 460-1044665/3-A	Lab Control Sample Dup	120	125
MB 460-1044665/1-A	Method Blank	107	111

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Surrogate Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method: 8151A - Herbicides (GC)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	DCPAA1 (10-150)	DCPAA2 (10-150)								
460-328732-6	FB_SO_06162025	87	90								
LB 460-1044291/1-B	Method Blank	68	71								
LCS 460-1044619/2-A	Lab Control Sample	66	69								
LCSD 460-1044430/3-A	Lab Control Sample Dup	73	74								
LCSD 460-1044619/3-A	Lab Control Sample Dup	66	68								
MB 460-1044430/1-A	Method Blank	72	75								
MB 460-1044619/1-A	Method Blank	52	54								

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Method: 8151A - Herbicides (GC)

Matrix: Water
Prep Type: TCLP

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	DCPAA1 (10-150)	DCPAA2 (10-150)								
460-328180-A-1-H MS	Matrix Spike	115	215 *								

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

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

Lab Sample ID: 460-328732-3 MS
Matrix: Solid
Analysis Batch: 1045199

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1044397

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0012	U	0.0216	0.0148	*	mg/Kg	☼	69	78 - 120
1,1,2,2-Tetrachloroethane	0.0012	U	0.0216	0.00254	*	mg/Kg	☼	12	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0216	0.0172		mg/Kg	☼	80	75 - 121
1,1,2-Trichloroethane	0.0012	U	0.0216	0.0161	*	mg/Kg	☼	75	80 - 120
1,1-Dichloroethane	0.0012	U	0.0216	0.0197		mg/Kg	☼	91	72 - 120
1,1-Dichloroethene	0.0012	U	0.0216	0.0207		mg/Kg	☼	96	76 - 120
1,2,3-Trichlorobenzene	0.0012	U	0.0216	0.00428	*	mg/Kg	☼	20	77 - 137
1,2,4-Trichlorobenzene	0.0012	U	0.0216	0.00441	*	mg/Kg	☼	20	77 - 136
1,2,4-Trimethylbenzene	0.0012	U	0.0216	0.00813	*	mg/Kg	☼	38	75 - 120
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0216	0.0112	*	mg/Kg	☼	52	80 - 124
1,2-Dichlorobenzene	0.0012	U	0.0216	0.00938	*	mg/Kg	☼	43	80 - 120
1,2-Dichloroethane	0.0012	U	0.0216	0.0151		mg/Kg	☼	70	70 - 123
1,2-Dichloropropane	0.0012	U	0.0216	0.0178		mg/Kg	☼	82	73 - 124
1,3,5-Trimethylbenzene	0.0012	U	0.0216	0.00807	*	mg/Kg	☼	37	70 - 120
1,3-Dichlorobenzene	0.0012	U	0.0216	0.00907	*	mg/Kg	☼	42	80 - 120
1,4-Dichlorobenzene	0.0012	U	0.0216	0.00935	*	mg/Kg	☼	43	80 - 120
2-Butanone (MEK)	0.0034	J	0.108	0.106		mg/Kg	☼	95	64 - 128
2-Hexanone	0.0061	U	0.108	0.0962		mg/Kg	☼	89	75 - 120
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.108	0.103		mg/Kg	☼	95	80 - 120
Acetone	0.031		0.108	0.133		mg/Kg	☼	95	58 - 122
Benzene	0.0012	U	0.0216	0.0190		mg/Kg	☼	88	75 - 120
Bromoform	0.0012	U	0.0216	0.0159		mg/Kg	☼	74	61 - 125
Bromomethane	0.0024	U	0.0216	0.0293		mg/Kg	☼	136	37 - 150
Carbon disulfide	0.0045		0.0216	0.0214		mg/Kg	☼	78	57 - 133
Carbon tetrachloride	0.0012	U	0.0216	0.0142		mg/Kg	☼	66	66 - 127
Chlorobenzene	0.0012	U	0.0216	0.0146	*	mg/Kg	☼	68	80 - 120
Chlorobromomethane	0.0012	U	0.0216	0.0190		mg/Kg	☼	88	76 - 127
Chlorodibromomethane	0.0012	U	0.0216	0.0167		mg/Kg	☼	77	72 - 120
Chloroethane	0.0012	U	0.0216	0.0226		mg/Kg	☼	105	60 - 123
Chloroform	0.0012	U	0.0216	0.0178		mg/Kg	☼	82	79 - 126
Chloromethane	0.0012	U	0.0216	0.0234		mg/Kg	☼	109	46 - 122
cis-1,2-Dichloroethene	0.0012	U	0.0216	0.0189		mg/Kg	☼	88	80 - 123
cis-1,3-Dichloropropene	0.0012	U	0.0216	0.0150	*	mg/Kg	☼	70	75 - 120
Cyclohexane	0.00072	J	0.0216	0.0118	*	mg/Kg	☼	51	65 - 132
Dichlorobromomethane	0.0012	U	0.0216	0.0164	*	mg/Kg	☼	76	77 - 124
Dichlorodifluoromethane	0.0012	U	0.0216	0.0243		mg/Kg	☼	112	45 - 129
Ethylbenzene	0.0012	U	0.0216	0.0127	*	mg/Kg	☼	59	80 - 120
Ethylene Dibromide	0.0012	U	0.0216	0.0151	*	mg/Kg	☼	70	79 - 120
Isopropylbenzene	0.0012	U	0.0216	0.0106	*	mg/Kg	☼	49	74 - 120
Methyl acetate	0.0061	U	0.0432	0.0180	*	mg/Kg	☼	42	57 - 120
Methyl tert-butyl ether	0.0012	U	0.0216	0.0161		mg/Kg	☼	74	74 - 125
Methylcyclohexane	0.0016		0.0216	0.00992	*	mg/Kg	☼	38	66 - 125
Methylene Chloride	0.0024	U	0.0216	0.0205		mg/Kg	☼	95	78 - 120
m-Xylene & p-Xylene	0.0012	U	0.0216	0.0122	*	mg/Kg	☼	56	80 - 120
n-Butylbenzene	0.0012	U	0.0216	0.00582	*	mg/Kg	☼	27	72 - 120
N-Propylbenzene	0.0012	U	0.0216	0.00910	*	mg/Kg	☼	42	68 - 120
o-Xylene	0.0012	U	0.0216	0.0122	*	mg/Kg	☼	57	80 - 120
sec-Butylbenzene	0.0012	U	0.0216	0.00695	*	mg/Kg	☼	32	78 - 120

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

Lab Sample ID: 460-328732-3 MS
Matrix: Solid
Analysis Batch: 1045199

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1044397

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	0.0012	U	0.0216	0.0120	*	mg/Kg	☼	56	80 - 120
tert-Butylbenzene	0.0012	U	0.0216	0.00732	*	mg/Kg	☼	34	80 - 120
Tetrachloroethene	0.0012	U	0.0216	0.0125	*	mg/Kg	☼	58	73 - 120
Toluene	0.0012	U	0.0216	0.0154	*	mg/Kg	☼	71	80 - 120
trans-1,2-Dichloroethene	0.0012	U	0.0216	0.0199		mg/Kg	☼	92	78 - 120
trans-1,3-Dichloropropene	0.0012	U	0.0216	0.0135	*	mg/Kg	☼	62	77 - 120
Trichloroethene	0.0012	U	0.0216	0.0249		mg/Kg	☼	116	80 - 120
Trichlorofluoromethane	0.0012	U	0.0216	0.0207		mg/Kg	☼	96	61 - 130
Vinyl chloride	0.0012	U	0.0216	0.0248		mg/Kg	☼	115	54 - 122
Xylenes, Total	0.0024	U	0.0432	0.0244	*	mg/Kg	☼	56	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*77*		*65 - 138*
4-Bromofluorobenzene	*79*		*71 - 128*
Dibromofluoromethane (Surr)	*89*		*50 - 150*
Toluene-d8 (Surr)	*94*		*71 - 126*

Lab Sample ID: 460-328732-3 MSD
Matrix: Solid
Analysis Batch: 1045199

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1044397

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0012	U	0.0233	0.0165	*	mg/Kg	☼	71	78 - 120	10	30
1,1,2,2-Tetrachloroethane	0.0012	U	0.0233	0.0012	U *	mg/Kg	☼	0	70 - 133	NC	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0233	0.0190		mg/Kg	☼	82	75 - 121	10	30
1,1,2-Trichloroethane	0.0012	U	0.0233	0.0180	*	mg/Kg	☼	77	80 - 120	11	30
1,1-Dichloroethane	0.0012	U	0.0233	0.0212		mg/Kg	☼	91	72 - 120	7	30
1,1-Dichloroethene	0.0012	U	0.0233	0.0225		mg/Kg	☼	97	76 - 120	8	30
1,2,3-Trichlorobenzene	0.0012	U	0.0233	0.00525	*	mg/Kg	☼	23	77 - 137	20	30
1,2,4-Trichlorobenzene	0.0012	U	0.0233	0.00552	*	mg/Kg	☼	24	77 - 136	22	30
1,2,4-Trimethylbenzene	0.0012	U	0.0233	0.0101	*	mg/Kg	☼	43	75 - 120	22	30
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0233	0.0125	*	mg/Kg	☼	54	80 - 124	11	30
1,2-Dichlorobenzene	0.0012	U	0.0233	0.0113	*	mg/Kg	☼	49	80 - 120	19	30
1,2-Dichloroethane	0.0012	U	0.0233	0.0159	*	mg/Kg	☼	68	70 - 123	6	30
1,2-Dichloropropane	0.0012	U	0.0233	0.0192		mg/Kg	☼	83	73 - 124	8	30
1,3,5-Trimethylbenzene	0.0012	U	0.0233	0.0102	*	mg/Kg	☼	44	70 - 120	23	30
1,3-Dichlorobenzene	0.0012	U	0.0233	0.0112	*	mg/Kg	☼	48	80 - 120	21	30
1,4-Dichlorobenzene	0.0012	U	0.0233	0.0115	*	mg/Kg	☼	50	80 - 120	21	30
2-Butanone (MEK)	0.0034	J	0.116	0.115		mg/Kg	☼	96	64 - 128	8	30
2-Hexanone	0.0061	U	0.116	0.102		mg/Kg	☼	87	75 - 120	6	30
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.116	0.109		mg/Kg	☼	94	80 - 120	6	30
Acetone	0.031		0.116	0.137		mg/Kg	☼	91	58 - 122	3	30
Benzene	0.0012	U	0.0233	0.0209		mg/Kg	☼	90	75 - 120	9	30
Bromoform	0.0012	U	0.0233	0.0178		mg/Kg	☼	76	61 - 125	11	30
Bromomethane	0.0024	U	0.0233	0.0285		mg/Kg	☼	122	37 - 150	3	30
Carbon disulfide	0.0045		0.0233	0.0225		mg/Kg	☼	77	57 - 133	5	30
Carbon tetrachloride	0.0012	U	0.0233	0.0162		mg/Kg	☼	70	66 - 127	13	30
Chlorobenzene	0.0012	U	0.0233	0.0171	*	mg/Kg	☼	73	80 - 120	16	30

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

Lab Sample ID: 460-328732-3 MSD
Matrix: Solid
Analysis Batch: 1045199

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1044397

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorobromomethane	0.0012	U	0.0233	0.0207		mg/Kg	☼	89	76 - 127	9	30
Chlorodibromomethane	0.0012	U	0.0233	0.0188		mg/Kg	☼	81	72 - 120	12	30
Chloroethane	0.0012	U	0.0233	0.0229		mg/Kg	☼	98	60 - 123	1	30
Chloroform	0.0012	U	0.0233	0.0193		mg/Kg	☼	83	79 - 126	8	30
Chloromethane	0.0012	U	0.0233	0.0223		mg/Kg	☼	96	46 - 122	5	30
cis-1,2-Dichloroethene	0.0012	U	0.0233	0.0204		mg/Kg	☼	88	80 - 123	8	30
cis-1,3-Dichloropropene	0.0012	U	0.0233	0.0165	*	mg/Kg	☼	71	75 - 120	9	30
Cyclohexane	0.00072	J	0.0233	0.0134	*	mg/Kg	☼	55	65 - 132	13	30
Dichlorobromomethane	0.0012	U	0.0233	0.0178	*	mg/Kg	☼	76	77 - 124	8	30
Dichlorodifluoromethane	0.0012	U	0.0233	0.0254		mg/Kg	☼	109	45 - 129	5	30
Ethylbenzene	0.0012	U	0.0233	0.0152	*	mg/Kg	☼	65	80 - 120	18	30
Ethylene Dibromide	0.0012	U	0.0233	0.0167	*	mg/Kg	☼	72	79 - 120	10	30
Isopropylbenzene	0.0012	U	0.0233	0.0135	*	mg/Kg	☼	58	74 - 120	24	30
Methyl acetate	0.0061	U	0.0466	0.00856	*	mg/Kg	☼	18	57 - 120	71	30
Methyl tert-butyl ether	0.0012	U	0.0233	0.0170	*	mg/Kg	☼	73	74 - 125	5	30
Methylcyclohexane	0.0016		0.0233	0.0107	*	mg/Kg	☼	39	66 - 125	7	30
Methylene Chloride	0.0024	U	0.0233	0.0215		mg/Kg	☼	92	78 - 120	5	30
m-Xylene & p-Xylene	0.0012	U	0.0233	0.0149	*	mg/Kg	☼	64	80 - 120	20	30
n-Butylbenzene	0.0012	U	0.0233	0.00775	*	mg/Kg	☼	33	72 - 120	28	30
N-Propylbenzene	0.0012	U	0.0233	0.0117	*	mg/Kg	☼	50	68 - 120	25	30
o-Xylene	0.0012	U	0.0233	0.0148	*	mg/Kg	☼	63	80 - 120	19	30
sec-Butylbenzene	0.0012	U	0.0233	0.00917	*	mg/Kg	☼	39	78 - 120	28	30
Styrene	0.0012	U	0.0233	0.0143	*	mg/Kg	☼	61	80 - 120	17	30
tert-Butylbenzene	0.0012	U	0.0233	0.00954	*	mg/Kg	☼	41	80 - 120	26	30
Tetrachloroethene	0.0012	U	0.0233	0.0150	*	mg/Kg	☼	64	73 - 120	18	30
Toluene	0.0012	U	0.0233	0.0175	*	mg/Kg	☼	75	80 - 120	13	30
trans-1,2-Dichloroethene	0.0012	U	0.0233	0.0206		mg/Kg	☼	89	78 - 120	4	30
trans-1,3-Dichloropropene	0.0012	U	0.0233	0.0150	*	mg/Kg	☼	65	77 - 120	11	30
Trichloroethene	0.0012	U	0.0233	0.0296	*	mg/Kg	☼	127	80 - 120	17	30
Trichlorofluoromethane	0.0012	U	0.0233	0.0218		mg/Kg	☼	94	61 - 130	6	30
Vinyl chloride	0.0012	U	0.0233	0.0249		mg/Kg	☼	107	54 - 122	1	30
Xylenes, Total	0.0024	U	0.0466	0.0297	*	mg/Kg	☼	64	80 - 120	19	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*82*		*65 - 138*
4-Bromofluorobenzene	*86*		*71 - 128*
Dibromofluoromethane (Surr)	*89*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: MB 460-1045199/7
Matrix: Solid
Analysis Batch: 1045199

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			06/21/25 06:17	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/21/25 06:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/21/25 06:17	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/21/25 06:17	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328732-1

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

Lab Sample ID: MB 460-1045199/7
Matrix: Solid
Analysis Batch: 1045199

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/21/25 06:17	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/21/25 06:17	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/21/25 06:17	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/21/25 06:17	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			06/21/25 06:17	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/21/25 06:17	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/21/25 06:17	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/21/25 06:17	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/21/25 06:17	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			06/21/25 06:17	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/21/25 06:17	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/21/25 06:17	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/21/25 06:17	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/21/25 06:17	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/21/25 06:17	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/21/25 06:17	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/21/25 06:17	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/21/25 06:17	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/21/25 06:17	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/21/25 06:17	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/21/25 06:17	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/21/25 06:17	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/21/25 06:17	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/21/25 06:17	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/21/25 06:17	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/21/25 06:17	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			06/21/25 06:17	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/21/25 06:17	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/21/25 06:17	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/21/25 06:17	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/21/25 06:17	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/21/25 06:17	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/21/25 06:17	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/21/25 06:17	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/21/25 06:17	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/21/25 06:17	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/21/25 06:17	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/21/25 06:17	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/21/25 06:17	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/21/25 06:17	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/21/25 06:17	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			06/21/25 06:17	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/21/25 06:17	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/21/25 06:17	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/21/25 06:17	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			06/21/25 06:17	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/21/25 06:17	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/21/25 06:17	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/21/25 06:17	1

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

Lab Sample ID: MB 460-1045199/7
Matrix: Solid
Analysis Batch: 1045199

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/21/25 06:17	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/21/25 06:17	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/21/25 06:17	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/21/25 06:17	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			06/21/25 06:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*		*06/21/25 06:17*	*1*
4-Bromofluorobenzene	*83*		*71 - 128*		*06/21/25 06:17*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*		*06/21/25 06:17*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*06/21/25 06:17*	*1*

Lab Sample ID: LCS 460-1045199/3
Matrix: Solid
Analysis Batch: 1045199

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0177		mg/Kg		89	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0189		mg/Kg		95	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0233		mg/Kg		117	75 - 121
1,1,2-Trichloroethane	0.0200	0.0196		mg/Kg		98	80 - 120
1,1-Dichloroethane	0.0200	0.0196		mg/Kg		98	72 - 120
1,1-Dichloroethene	0.0200	0.0227		mg/Kg		114	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0186		mg/Kg		93	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0185		mg/Kg		92	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0170		mg/Kg		85	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0197		mg/Kg		99	80 - 124
1,2-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120
1,2-Dichloroethane	0.0200	0.0169		mg/Kg		85	70 - 123
1,2-Dichloropropane	0.0200	0.0199		mg/Kg		100	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0175		mg/Kg		87	70 - 120
1,3-Dichlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120
1,4-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120
2-Butanone (MEK)	0.100	0.0963		mg/Kg		96	64 - 128
2-Hexanone	0.100	0.0935		mg/Kg		93	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0943		mg/Kg		94	80 - 120
Acetone	0.100	0.114		mg/Kg		114	58 - 122
Benzene	0.0200	0.0202		mg/Kg		101	75 - 120
Bromoform	0.0200	0.0230		mg/Kg		115	61 - 125
Bromomethane	0.0200	0.0223		mg/Kg		111	37 - 150
Carbon disulfide	0.0200	0.0223		mg/Kg		111	57 - 133
Carbon tetrachloride	0.0200	0.0197		mg/Kg		99	66 - 127
Chlorobenzene	0.0200	0.0205		mg/Kg		102	80 - 120
Chlorobromomethane	0.0200	0.0213		mg/Kg		106	76 - 127
Chlorodibromomethane	0.0200	0.0216		mg/Kg		108	72 - 120
Chloroethane	0.0200	0.0168		mg/Kg		84	60 - 123
Chloroform	0.0200	0.0190		mg/Kg		95	79 - 126
Chloromethane	0.0200	0.0167		mg/Kg		83	46 - 122

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

Lab Sample ID: LCS 460-1045199/3
Matrix: Solid
Analysis Batch: 1045199

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.0200	0.0203		mg/Kg		101	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0181		mg/Kg		90	75 - 120
Cyclohexane	0.0200	0.0201		mg/Kg		101	65 - 132
Dichlorobromomethane	0.0200	0.0190		mg/Kg		95	77 - 124
Dichlorodifluoromethane	0.0200	0.0197		mg/Kg		99	45 - 129
Ethylbenzene	0.0200	0.0202		mg/Kg		101	80 - 120
Ethylene Dibromide	0.0200	0.0195		mg/Kg		97	79 - 120
Isopropylbenzene	0.0200	0.0195		mg/Kg		98	74 - 120
Methyl acetate	0.0400	0.0430		mg/Kg		108	57 - 120
Methyl tert-butyl ether	0.0200	0.0174		mg/Kg		87	74 - 125
Methylcyclohexane	0.0200	0.0207		mg/Kg		104	66 - 125
Methylene Chloride	0.0200	0.0212		mg/Kg		106	78 - 120
m-Xylene & p-Xylene	0.0200	0.0196		mg/Kg		98	80 - 120
n-Butylbenzene	0.0200	0.0190		mg/Kg		95	72 - 120
N-Propylbenzene	0.0200	0.0187		mg/Kg		93	68 - 120
o-Xylene	0.0200	0.0191		mg/Kg		95	80 - 120
sec-Butylbenzene	0.0200	0.0180		mg/Kg		90	78 - 120
Styrene	0.0200	0.0189		mg/Kg		94	80 - 120
tert-Butylbenzene	0.0200	0.0170		mg/Kg		85	80 - 120
Tetrachloroethene	0.0200	0.0211		mg/Kg		106	73 - 120
Toluene	0.0200	0.0194		mg/Kg		97	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0218		mg/Kg		109	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0170		mg/Kg		85	77 - 120
Trichloroethene	0.0200	0.0184		mg/Kg		92	80 - 120
Trichlorofluoromethane	0.0200	0.0175		mg/Kg		88	61 - 130
Vinyl chloride	0.0200	0.0187		mg/Kg		93	54 - 122
Xylenes, Total	0.0400	0.0387		mg/Kg		97	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*
4-Bromofluorobenzene	*80*		*71 - 128*
Dibromofluoromethane (Surr)	*102*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: LCSD 460-1045199/4
Matrix: Solid
Analysis Batch: 1045199

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0175		mg/Kg		87	78 - 120	2	30
1,1,2,2-Tetrachloroethane	0.0200	0.0190		mg/Kg		95	70 - 133	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0229		mg/Kg		114	75 - 121	2	30
1,1,2-Trichloroethane	0.0200	0.0197		mg/Kg		99	80 - 120	1	30
1,1-Dichloroethane	0.0200	0.0193		mg/Kg		97	72 - 120	1	30
1,1-Dichloroethene	0.0200	0.0224		mg/Kg		112	76 - 120	2	30
1,2,3-Trichlorobenzene	0.0200	0.0182		mg/Kg		91	77 - 137	2	30
1,2,4-Trichlorobenzene	0.0200	0.0181		mg/Kg		91	77 - 136	2	30
1,2,4-Trimethylbenzene	0.0200	0.0168		mg/Kg		84	75 - 120	1	30

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

Lab Sample ID: LCSD 460-1045199/4
Matrix: Solid
Analysis Batch: 1045199

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	0.0200	0.0193		mg/Kg		97	80 - 124	2	30
1,2-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120	2	30
1,2-Dichloroethane	0.0200	0.0170		mg/Kg		85	70 - 123	0	30
1,2-Dichloropropane	0.0200	0.0199		mg/Kg		99	73 - 124	0	30
1,3,5-Trimethylbenzene	0.0200	0.0174		mg/Kg		87	70 - 120	0	30
1,3-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120	1	30
1,4-Dichlorobenzene	0.0200	0.0195		mg/Kg		97	80 - 120	1	30
2-Butanone (MEK)	0.100	0.0958		mg/Kg		96	64 - 128	1	30
2-Hexanone	0.100	0.0924		mg/Kg		92	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0948		mg/Kg		95	80 - 120	0	30
Acetone	0.100	0.113		mg/Kg		113	58 - 122	1	30
Benzene	0.0200	0.0205		mg/Kg		103	75 - 120	1	30
Bromoform	0.0200	0.0223		mg/Kg		111	61 - 125	3	30
Bromomethane	0.0200	0.0206		mg/Kg		103	37 - 150	8	30
Carbon disulfide	0.0200	0.0219		mg/Kg		109	57 - 133	2	30
Carbon tetrachloride	0.0200	0.0189		mg/Kg		94	66 - 127	4	30
Chlorobenzene	0.0200	0.0205		mg/Kg		103	80 - 120	0	30
Chlorobromomethane	0.0200	0.0211		mg/Kg		106	76 - 127	1	30
Chlorodibromomethane	0.0200	0.0215		mg/Kg		107	72 - 120	1	30
Chloroethane	0.0200	0.0157		mg/Kg		79	60 - 123	7	30
Chloroform	0.0200	0.0190		mg/Kg		95	79 - 126	0	30
Chloromethane	0.0200	0.0158		mg/Kg		79	46 - 122	5	30
cis-1,2-Dichloroethene	0.0200	0.0200		mg/Kg		100	80 - 123	2	30
cis-1,3-Dichloropropene	0.0200	0.0182		mg/Kg		91	75 - 120	0	30
Cyclohexane	0.0200	0.0199		mg/Kg		100	65 - 132	1	30
Dichlorobromomethane	0.0200	0.0187		mg/Kg		93	77 - 124	2	30
Dichlorodifluoromethane	0.0200	0.0185		mg/Kg		93	45 - 129	6	30
Ethylbenzene	0.0200	0.0198		mg/Kg		99	80 - 120	2	30
Ethylene Dibromide	0.0200	0.0194		mg/Kg		97	79 - 120	0	30
Isopropylbenzene	0.0200	0.0194		mg/Kg		97	74 - 120	1	30
Methyl acetate	0.0400	0.0379		mg/Kg		95	57 - 120	13	30
Methyl tert-butyl ether	0.0200	0.0169		mg/Kg		85	74 - 125	3	30
Methylcyclohexane	0.0200	0.0204		mg/Kg		102	66 - 125	1	30
Methylene Chloride	0.0200	0.0209		mg/Kg		104	78 - 120	2	30
m-Xylene & p-Xylene	0.0200	0.0193		mg/Kg		96	80 - 120	2	30
n-Butylbenzene	0.0200	0.0189		mg/Kg		94	72 - 120	1	30
N-Propylbenzene	0.0200	0.0183		mg/Kg		92	68 - 120	2	30
o-Xylene	0.0200	0.0190		mg/Kg		95	80 - 120	0	30
sec-Butylbenzene	0.0200	0.0178		mg/Kg		89	78 - 120	1	30
Styrene	0.0200	0.0186		mg/Kg		93	80 - 120	2	30
tert-Butylbenzene	0.0200	0.0172		mg/Kg		86	80 - 120	1	30
Tetrachloroethene	0.0200	0.0208		mg/Kg		104	73 - 120	2	30
Toluene	0.0200	0.0191		mg/Kg		96	80 - 120	1	30
trans-1,2-Dichloroethene	0.0200	0.0215		mg/Kg		107	78 - 120	1	30
trans-1,3-Dichloropropene	0.0200	0.0168		mg/Kg		84	77 - 120	1	30
Trichloroethene	0.0200	0.0181		mg/Kg		90	80 - 120	2	30
Trichlorofluoromethane	0.0200	0.0169		mg/Kg		84	61 - 130	4	30
Vinyl chloride	0.0200	0.0173		mg/Kg		87	54 - 122	8	30
Xylenes, Total	0.0400	0.0383		mg/Kg		96	80 - 120	1	30

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	83		65 - 138
4-Bromofluorobenzene	76		71 - 128
Dibromofluoromethane (Surr)	100		50 - 150
Toluene-d8 (Surr)	96		71 - 126

Lab Sample ID: MB 460-1045338/7
Matrix: Solid
Analysis Batch: 1045338

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			06/22/25 07:31	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/22/25 07:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/22/25 07:31	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/22/25 07:31	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/22/25 07:31	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/22/25 07:31	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/22/25 07:31	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/22/25 07:31	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			06/22/25 07:31	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/22/25 07:31	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/22/25 07:31	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/22/25 07:31	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/22/25 07:31	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			06/22/25 07:31	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/22/25 07:31	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/22/25 07:31	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/22/25 07:31	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/22/25 07:31	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/22/25 07:31	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/22/25 07:31	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/22/25 07:31	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/22/25 07:31	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/22/25 07:31	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/22/25 07:31	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/22/25 07:31	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/22/25 07:31	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/22/25 07:31	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/22/25 07:31	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/22/25 07:31	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/22/25 07:31	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			06/22/25 07:31	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/22/25 07:31	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/22/25 07:31	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/22/25 07:31	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/22/25 07:31	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/22/25 07:31	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/22/25 07:31	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/22/25 07:31	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/22/25 07:31	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/22/25 07:31	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/22/25 07:31	1

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

Lab Sample ID: MB 460-1045338/7
Matrix: Solid
Analysis Batch: 1045338

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/22/25 07:31	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/22/25 07:31	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/22/25 07:31	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/22/25 07:31	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			06/22/25 07:31	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/22/25 07:31	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/22/25 07:31	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/22/25 07:31	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			06/22/25 07:31	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/22/25 07:31	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/22/25 07:31	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/22/25 07:31	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/22/25 07:31	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/22/25 07:31	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/22/25 07:31	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/22/25 07:31	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			06/22/25 07:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*65 - 138*		*06/22/25 07:31*	*1*
4-Bromofluorobenzene	*83*		*71 - 128*		*06/22/25 07:31*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 150*		*06/22/25 07:31*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*		*06/22/25 07:31*	*1*

Lab Sample ID: LCS 460-1045338/3
Matrix: Solid
Analysis Batch: 1045338

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0175		mg/Kg		88	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0200		mg/Kg		100	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0230		mg/Kg		115	75 - 121
1,1,2-Trichloroethane	0.0200	0.0193		mg/Kg		97	80 - 120
1,1-Dichloroethane	0.0200	0.0192		mg/Kg		96	72 - 120
1,1-Dichloroethene	0.0200	0.0232		mg/Kg		116	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0198		mg/Kg		99	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0196		mg/Kg		98	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0175		mg/Kg		88	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0220		mg/Kg		110	80 - 124
1,2-Dichlorobenzene	0.0200	0.0197		mg/Kg		99	80 - 120
1,2-Dichloroethane	0.0200	0.0161		mg/Kg		80	70 - 123
1,2-Dichloropropane	0.0200	0.0192		mg/Kg		96	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0177		mg/Kg		88	70 - 120
1,3-Dichlorobenzene	0.0200	0.0199		mg/Kg		99	80 - 120
1,4-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120
2-Butanone (MEK)	0.100	0.102		mg/Kg		102	64 - 128
2-Hexanone	0.100	0.0962		mg/Kg		96	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0969		mg/Kg		97	80 - 120

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

Lab Sample ID: LCS 460-1045338/3
Matrix: Solid
Analysis Batch: 1045338

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.100	0.116		mg/Kg		116	58 - 122
Benzene	0.0200	0.0200		mg/Kg		100	75 - 120
Bromoform	0.0200	0.0236		mg/Kg		118	61 - 125
Bromomethane	0.0200	0.0208		mg/Kg		104	37 - 150
Carbon disulfide	0.0200	0.0222		mg/Kg		111	57 - 133
Carbon tetrachloride	0.0200	0.0183		mg/Kg		91	66 - 127
Chlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120
Chlorobromomethane	0.0200	0.0212		mg/Kg		106	76 - 127
Chlorodibromomethane	0.0200	0.0215		mg/Kg		108	72 - 120
Chloroethane	0.0200	0.0161		mg/Kg		80	60 - 123
Chloroform	0.0200	0.0186		mg/Kg		93	79 - 126
Chloromethane	0.0200	0.0158		mg/Kg		79	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0203		mg/Kg		102	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0180		mg/Kg		90	75 - 120
Cyclohexane	0.0200	0.0207		mg/Kg		103	65 - 132
Dichlorobromomethane	0.0200	0.0186		mg/Kg		93	77 - 124
Dichlorodifluoromethane	0.0200	0.0183		mg/Kg		91	45 - 129
Ethylbenzene	0.0200	0.0203		mg/Kg		102	80 - 120
Ethylene Dibromide	0.0200	0.0198		mg/Kg		99	79 - 120
Isopropylbenzene	0.0200	0.0199		mg/Kg		99	74 - 120
Methyl acetate	0.0400	0.0409		mg/Kg		102	57 - 120
Methyl tert-butyl ether	0.0200	0.0182		mg/Kg		91	74 - 125
Methylcyclohexane	0.0200	0.0209		mg/Kg		105	66 - 125
Methylene Chloride	0.0200	0.0211		mg/Kg		105	78 - 120
m-Xylene & p-Xylene	0.0200	0.0202		mg/Kg		101	80 - 120
n-Butylbenzene	0.0200	0.0191		mg/Kg		96	72 - 120
N-Propylbenzene	0.0200	0.0194		mg/Kg		97	68 - 120
o-Xylene	0.0200	0.0199		mg/Kg		100	80 - 120
sec-Butylbenzene	0.0200	0.0186		mg/Kg		93	78 - 120
Styrene	0.0200	0.0192		mg/Kg		96	80 - 120
tert-Butylbenzene	0.0200	0.0179		mg/Kg		90	80 - 120
Tetrachloroethene	0.0200	0.0214		mg/Kg		107	73 - 120
Toluene	0.0200	0.0194		mg/Kg		97	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0222		mg/Kg		111	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0170		mg/Kg		85	77 - 120
Trichloroethene	0.0200	0.0185		mg/Kg		92	80 - 120
Trichlorofluoromethane	0.0200	0.0166		mg/Kg		83	61 - 130
Vinyl chloride	0.0200	0.0181		mg/Kg		90	54 - 122
Xylenes, Total	0.0400	0.0401		mg/Kg		100	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*65 - 138*
4-Bromofluorobenzene	*85*		*71 - 128*
Dibromofluoromethane (Surr)	*100*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

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

Lab Sample ID: LCSD 460-1045338/4
Matrix: Solid
Analysis Batch: 1045338

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0168		mg/Kg		84	78 - 120	4	30
1,1,2,2-Tetrachloroethane			0.0200	0.0168		mg/Kg		84	70 - 133	17	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0228		mg/Kg		114	75 - 121	1	30
1,1,2-Trichloroethane			0.0200	0.0177		mg/Kg		88	80 - 120	9	30
1,1-Dichloroethane			0.0200	0.0182		mg/Kg		91	72 - 120	5	30
1,1-Dichloroethene			0.0200	0.0222		mg/Kg		111	76 - 120	4	30
1,2,3-Trichlorobenzene			0.0200	0.0180		mg/Kg		90	77 - 137	10	30
1,2,4-Trichlorobenzene			0.0200	0.0182		mg/Kg		91	77 - 136	7	30
1,2,4-Trimethylbenzene			0.0200	0.0165		mg/Kg		82	75 - 120	6	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0181		mg/Kg		90	80 - 124	20	30
1,2-Dichlorobenzene			0.0200	0.0186		mg/Kg		93	80 - 120	6	30
1,2-Dichloroethane			0.0200	0.0149		mg/Kg		74	70 - 123	8	30
1,2-Dichloropropane			0.0200	0.0184		mg/Kg		92	73 - 124	4	30
1,3,5-Trimethylbenzene			0.0200	0.0168		mg/Kg		84	70 - 120	5	30
1,3-Dichlorobenzene			0.0200	0.0185		mg/Kg		93	80 - 120	7	30
1,4-Dichlorobenzene			0.0200	0.0187		mg/Kg		94	80 - 120	6	30
2-Butanone (MEK)			0.100	0.0965		mg/Kg		97	64 - 128	5	30
2-Hexanone			0.100	0.0940		mg/Kg		94	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0960		mg/Kg		96	80 - 120	1	30
Acetone			0.100	0.104		mg/Kg		104	58 - 122	11	30
Benzene			0.0200	0.0192		mg/Kg		96	75 - 120	4	30
Bromoform			0.0200	0.0214		mg/Kg		107	61 - 125	10	30
Bromomethane			0.0200	0.0223		mg/Kg		111	37 - 150	7	30
Carbon disulfide			0.0200	0.0213		mg/Kg		107	57 - 133	4	30
Carbon tetrachloride			0.0200	0.0181		mg/Kg		91	66 - 127	1	30
Chlorobenzene			0.0200	0.0191		mg/Kg		96	80 - 120	6	30
Chlorobromomethane			0.0200	0.0198		mg/Kg		99	76 - 127	7	30
Chlorodibromomethane			0.0200	0.0195		mg/Kg		97	72 - 120	10	30
Chloroethane			0.0200	0.0172		mg/Kg		86	60 - 123	7	30
Chloroform			0.0200	0.0178		mg/Kg		89	79 - 126	5	30
Chloromethane			0.0200	0.0172		mg/Kg		86	46 - 122	9	30
cis-1,2-Dichloroethene			0.0200	0.0196		mg/Kg		98	80 - 123	4	30
cis-1,3-Dichloropropene			0.0200	0.0170		mg/Kg		85	75 - 120	6	30
Cyclohexane			0.0200	0.0200		mg/Kg		100	65 - 132	3	30
Dichlorobromomethane			0.0200	0.0177		mg/Kg		89	77 - 124	5	30
Dichlorodifluoromethane			0.0200	0.0194		mg/Kg		97	45 - 129	6	30
Ethylbenzene			0.0200	0.0196		mg/Kg		98	80 - 120	4	30
Ethylene Dibromide			0.0200	0.0178		mg/Kg		89	79 - 120	11	30
Isopropylbenzene			0.0200	0.0191		mg/Kg		95	74 - 120	4	30
Methyl acetate			0.0400	0.0355		mg/Kg		89	57 - 120	14	30
Methyl tert-butyl ether			0.0200	0.0164		mg/Kg		82	74 - 125	10	30
Methylcyclohexane			0.0200	0.0200		mg/Kg		100	66 - 125	5	30
Methylene Chloride			0.0200	0.0205		mg/Kg		102	78 - 120	3	30
m-Xylene & p-Xylene			0.0200	0.0191		mg/Kg		96	80 - 120	5	30
n-Butylbenzene			0.0200	0.0178		mg/Kg		89	72 - 120	7	30
N-Propylbenzene			0.0200	0.0180		mg/Kg		90	68 - 120	7	30
o-Xylene			0.0200	0.0192		mg/Kg		96	80 - 120	4	30
sec-Butylbenzene			0.0200	0.0176		mg/Kg		88	78 - 120	6	30

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

Lab Sample ID: LCSD 460-1045338/4
Matrix: Solid
Analysis Batch: 1045338

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			0.0200	0.0186		mg/Kg		93	80 - 120	3	30
tert-Butylbenzene			0.0200	0.0167		mg/Kg		83	80 - 120	7	30
Tetrachloroethene			0.0200	0.0201		mg/Kg		100	73 - 120	6	30
Toluene			0.0200	0.0184		mg/Kg		92	80 - 120	5	30
trans-1,2-Dichloroethene			0.0200	0.0210		mg/Kg		105	78 - 120	5	30
trans-1,3-Dichloropropene			0.0200	0.0155		mg/Kg		77	77 - 120	9	30
Trichloroethene			0.0200	0.0177		mg/Kg		88	80 - 120	4	30
Trichlorofluoromethane			0.0200	0.0171		mg/Kg		85	61 - 130	3	30
Vinyl chloride			0.0200	0.0193		mg/Kg		97	54 - 122	6	30
Xylenes, Total			0.0400	0.0383		mg/Kg		96	80 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*82*		*65 - 138*
4-Bromofluorobenzene	*84*		*71 - 128*
Dibromofluoromethane (Surr)	*103*		*50 - 150*
Toluene-d8 (Surr)	*103*		*71 - 126*

Lab Sample ID: MB 460-1045466/7
Matrix: Solid
Analysis Batch: 1045466

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			06/23/25 06:29	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/23/25 06:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/23/25 06:29	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/23/25 06:29	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/23/25 06:29	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/23/25 06:29	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/23/25 06:29	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/23/25 06:29	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			06/23/25 06:29	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/23/25 06:29	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/23/25 06:29	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/23/25 06:29	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/23/25 06:29	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			06/23/25 06:29	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/23/25 06:29	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/23/25 06:29	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/23/25 06:29	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/23/25 06:29	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/23/25 06:29	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/23/25 06:29	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/23/25 06:29	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/23/25 06:29	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/23/25 06:29	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/23/25 06:29	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/23/25 06:29	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/23/25 06:29	1

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

Lab Sample ID: MB 460-1045466/7
Matrix: Solid
Analysis Batch: 1045466

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/23/25 06:29	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/23/25 06:29	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/23/25 06:29	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/23/25 06:29	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			06/23/25 06:29	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/23/25 06:29	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/23/25 06:29	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/23/25 06:29	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/23/25 06:29	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/23/25 06:29	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/23/25 06:29	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/23/25 06:29	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/23/25 06:29	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/23/25 06:29	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/23/25 06:29	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/23/25 06:29	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/23/25 06:29	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/23/25 06:29	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/23/25 06:29	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			06/23/25 06:29	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/23/25 06:29	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/23/25 06:29	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/23/25 06:29	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			06/23/25 06:29	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/23/25 06:29	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/23/25 06:29	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/23/25 06:29	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/23/25 06:29	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/23/25 06:29	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/23/25 06:29	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/23/25 06:29	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			06/23/25 06:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*78*		*65 - 138*		*06/23/25 06:29*	*1*
4-Bromofluorobenzene	*77*		*71 - 128*		*06/23/25 06:29*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*		*06/23/25 06:29*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*		*06/23/25 06:29*	*1*

Lab Sample ID: LCS 460-1045466/3
Matrix: Solid
Analysis Batch: 1045466

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0171		mg/Kg		85	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0182		mg/Kg		91	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0226		mg/Kg		113	75 - 121
1,1,2-Trichloroethane	0.0200	0.0190		mg/Kg		95	80 - 120

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328732-1

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

Lab Sample ID: LCS 460-1045466/3
Matrix: Solid
Analysis Batch: 1045466

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.0200	0.0188		mg/Kg		94	72 - 120
1,1-Dichloroethene	0.0200	0.0220		mg/Kg		110	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0189		mg/Kg		94	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0188		mg/Kg		94	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0167		mg/Kg		83	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0191		mg/Kg		95	80 - 124
1,2-Dichlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120
1,2-Dichloroethane	0.0200	0.0153		mg/Kg		77	70 - 123
1,2-Dichloropropane	0.0200	0.0186		mg/Kg		93	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0168		mg/Kg		84	70 - 120
1,3-Dichlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120
1,4-Dichlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120
2-Butanone (MEK)	0.100	0.0943		mg/Kg		94	64 - 128
2-Hexanone	0.100	0.0929		mg/Kg		93	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0960		mg/Kg		96	80 - 120
Acetone	0.100	0.107		mg/Kg		107	58 - 122
Benzene	0.0200	0.0192		mg/Kg		96	75 - 120
Bromoform	0.0200	0.0222		mg/Kg		111	61 - 125
Bromomethane	0.0200	0.0204		mg/Kg		102	37 - 150
Carbon disulfide	0.0200	0.0209		mg/Kg		105	57 - 133
Carbon tetrachloride	0.0200	0.0182		mg/Kg		91	66 - 127
Chlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120
Chlorobromomethane	0.0200	0.0207		mg/Kg		103	76 - 127
Chlorodibromomethane	0.0200	0.0205		mg/Kg		103	72 - 120
Chloroethane	0.0200	0.0158		mg/Kg		79	60 - 123
Chloroform	0.0200	0.0182		mg/Kg		91	79 - 126
Chloromethane	0.0200	0.0159		mg/Kg		80	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0198		mg/Kg		99	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0174		mg/Kg		87	75 - 120
Cyclohexane	0.0200	0.0197		mg/Kg		98	65 - 132
Dichlorobromomethane	0.0200	0.0181		mg/Kg		91	77 - 124
Dichlorodifluoromethane	0.0200	0.0173		mg/Kg		87	45 - 129
Ethylbenzene	0.0200	0.0199		mg/Kg		99	80 - 120
Ethylene Dibromide	0.0200	0.0185		mg/Kg		92	79 - 120
Isopropylbenzene	0.0200	0.0191		mg/Kg		95	74 - 120
Methyl acetate	0.0400	0.0384		mg/Kg		96	57 - 120
Methyl tert-butyl ether	0.0200	0.0172		mg/Kg		86	74 - 125
Methylcyclohexane	0.0200	0.0198		mg/Kg		99	66 - 125
Methylene Chloride	0.0200	0.0208		mg/Kg		104	78 - 120
m-Xylene & p-Xylene	0.0200	0.0192		mg/Kg		96	80 - 120
n-Butylbenzene	0.0200	0.0179		mg/Kg		89	72 - 120
N-Propylbenzene	0.0200	0.0182		mg/Kg		91	68 - 120
o-Xylene	0.0200	0.0193		mg/Kg		96	80 - 120
sec-Butylbenzene	0.0200	0.0176		mg/Kg		88	78 - 120
Styrene	0.0200	0.0185		mg/Kg		92	80 - 120
tert-Butylbenzene	0.0200	0.0170		mg/Kg		85	80 - 120
Tetrachloroethene	0.0200	0.0205		mg/Kg		103	73 - 120
Toluene	0.0200	0.0186		mg/Kg		93	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0208		mg/Kg		104	78 - 120

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

Lab Sample ID: LCS 460-1045466/3
Matrix: Solid
Analysis Batch: 1045466

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	0.0200	0.0165		mg/Kg		83	77 - 120
Trichloroethene	0.0200	0.0177		mg/Kg		89	80 - 120
Trichlorofluoromethane	0.0200	0.0162		mg/Kg		81	61 - 130
Vinyl chloride	0.0200	0.0173		mg/Kg		87	54 - 122
Xylenes, Total	0.0400	0.0385		mg/Kg		96	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*
4-Bromofluorobenzene	*84*		*71 - 128*
Dibromofluoromethane (Surr)	*105*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: LCSD 460-1045466/4
Matrix: Solid
Analysis Batch: 1045466

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0168		mg/Kg		84	78 - 120	2	30
1,1,2,2-Tetrachloroethane	0.0200	0.0186		mg/Kg		93	70 - 133	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0221		mg/Kg		110	75 - 121	2	30
1,1,2-Trichloroethane	0.0200	0.0186		mg/Kg		93	80 - 120	2	30
1,1-Dichloroethane	0.0200	0.0188		mg/Kg		94	72 - 120	0	30
1,1-Dichloroethene	0.0200	0.0223		mg/Kg		111	76 - 120	1	30
1,2,3-Trichlorobenzene	0.0200	0.0183		mg/Kg		92	77 - 137	3	30
1,2,4-Trichlorobenzene	0.0200	0.0184		mg/Kg		92	77 - 136	2	30
1,2,4-Trimethylbenzene	0.0200	0.0166		mg/Kg		83	75 - 120	0	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0192		mg/Kg		96	80 - 124	1	30
1,2-Dichlorobenzene	0.0200	0.0191		mg/Kg		96	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0153		mg/Kg		76	70 - 123	0	30
1,2-Dichloropropane	0.0200	0.0188		mg/Kg		94	73 - 124	1	30
1,3,5-Trimethylbenzene	0.0200	0.0171		mg/Kg		85	70 - 120	1	30
1,3-Dichlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120	0	30
1,4-Dichlorobenzene	0.0200	0.0188		mg/Kg		94	80 - 120	1	30
2-Butanone (MEK)	0.100	0.0973		mg/Kg		97	64 - 128	3	30
2-Hexanone	0.100	0.0938		mg/Kg		94	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0949		mg/Kg		95	80 - 120	1	30
Acetone	0.100	0.111		mg/Kg		111	58 - 122	4	30
Benzene	0.0200	0.0189		mg/Kg		95	75 - 120	1	30
Bromoform	0.0200	0.0226		mg/Kg		113	61 - 125	2	30
Bromomethane	0.0200	0.0221		mg/Kg		110	37 - 150	8	30
Carbon disulfide	0.0200	0.0206		mg/Kg		103	57 - 133	1	30
Carbon tetrachloride	0.0200	0.0178		mg/Kg		89	66 - 127	2	30
Chlorobenzene	0.0200	0.0195		mg/Kg		97	80 - 120	3	30
Chlorobromomethane	0.0200	0.0210		mg/Kg		105	76 - 127	1	30
Chlorodibromomethane	0.0200	0.0207		mg/Kg		104	72 - 120	1	30
Chloroethane	0.0200	0.0167		mg/Kg		83	60 - 123	5	30
Chloroform	0.0200	0.0183		mg/Kg		91	79 - 126	1	30
Chloromethane	0.0200	0.0172		mg/Kg		86	46 - 122	8	30

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

Lab Sample ID: LCSD 460-1045466/4
Matrix: Solid
Analysis Batch: 1045466

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene			0.0200	0.0200		mg/Kg		100	80 - 123	1	30
cis-1,3-Dichloropropene			0.0200	0.0173		mg/Kg		87	75 - 120	1	30
Cyclohexane			0.0200	0.0190		mg/Kg		95	65 - 132	3	30
Dichlorobromomethane			0.0200	0.0182		mg/Kg		91	77 - 124	0	30
Dichlorodifluoromethane			0.0200	0.0185		mg/Kg		93	45 - 129	7	30
Ethylbenzene			0.0200	0.0196		mg/Kg		98	80 - 120	1	30
Ethylene Dibromide			0.0200	0.0187		mg/Kg		94	79 - 120	1	30
Isopropylbenzene			0.0200	0.0190		mg/Kg		95	74 - 120	0	30
Methyl acetate			0.0400	0.0402		mg/Kg		100	57 - 120	5	30
Methyl tert-butyl ether			0.0200	0.0174		mg/Kg		87	74 - 125	1	30
Methylcyclohexane			0.0200	0.0200		mg/Kg		100	66 - 125	1	30
Methylene Chloride			0.0200	0.0201		mg/Kg		101	78 - 120	3	30
m-Xylene & p-Xylene			0.0200	0.0191		mg/Kg		95	80 - 120	1	30
n-Butylbenzene			0.0200	0.0179		mg/Kg		89	72 - 120	0	30
N-Propylbenzene			0.0200	0.0182		mg/Kg		91	68 - 120	0	30
o-Xylene			0.0200	0.0192		mg/Kg		96	80 - 120	0	30
sec-Butylbenzene			0.0200	0.0177		mg/Kg		88	78 - 120	0	30
Styrene			0.0200	0.0185		mg/Kg		93	80 - 120	0	30
tert-Butylbenzene			0.0200	0.0172		mg/Kg		86	80 - 120	1	30
Tetrachloroethene			0.0200	0.0204		mg/Kg		102	73 - 120	1	30
Toluene			0.0200	0.0186		mg/Kg		93	80 - 120	0	30
trans-1,2-Dichloroethene			0.0200	0.0208		mg/Kg		104	78 - 120	0	30
trans-1,3-Dichloropropene			0.0200	0.0163		mg/Kg		82	77 - 120	1	30
Trichloroethene			0.0200	0.0179		mg/Kg		89	80 - 120	1	30
Trichlorofluoromethane			0.0200	0.0178		mg/Kg		89	61 - 130	9	30
Vinyl chloride			0.0200	0.0187		mg/Kg		94	54 - 122	8	30
Xylenes, Total			0.0400	0.0383		mg/Kg		96	80 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*65 - 138*
4-Bromofluorobenzene	*81*		*71 - 128*
Dibromofluoromethane (Surr)	*100*		*50 - 150*
Toluene-d8 (Surr)	*96*		*71 - 126*

Lab Sample ID: MB 460-1045526/10
Matrix: Water
Analysis Batch: 1045526

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			06/23/25 12:19	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			06/23/25 12:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			06/23/25 12:19	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			06/23/25 12:19	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			06/23/25 12:19	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/23/25 12:19	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			06/23/25 12:19	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			06/23/25 12:19	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			06/23/25 12:19	1

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

Lab Sample ID: MB 460-1045526/10
Matrix: Water
Analysis Batch: 1045526

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			06/23/25 12:19	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			06/23/25 12:19	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			06/23/25 12:19	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			06/23/25 12:19	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			06/23/25 12:19	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			06/23/25 12:19	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			06/23/25 12:19	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			06/23/25 12:19	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			06/23/25 12:19	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			06/23/25 12:19	1
Acetone	5.0	U	5.0	4.4	ug/L			06/23/25 12:19	1
Benzene	0.45	U	0.45	0.070	ug/L			06/23/25 12:19	1
Bromoform	1.0	U	1.0	0.54	ug/L			06/23/25 12:19	1
Bromomethane	1.0	U	1.0	0.55	ug/L			06/23/25 12:19	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			06/23/25 12:19	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			06/23/25 12:19	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			06/23/25 12:19	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			06/23/25 12:19	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			06/23/25 12:19	1
Chloroethane	1.0	U	1.0	0.32	ug/L			06/23/25 12:19	1
Chloroform	1.0	U	1.0	0.33	ug/L			06/23/25 12:19	1
Chloromethane	1.0	U	1.0	0.40	ug/L			06/23/25 12:19	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			06/23/25 12:19	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			06/23/25 12:19	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			06/23/25 12:19	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			06/23/25 12:19	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/23/25 12:19	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			06/23/25 12:19	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			06/23/25 12:19	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			06/23/25 12:19	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			06/23/25 12:19	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			06/23/25 12:19	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			06/23/25 12:19	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			06/23/25 12:19	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			06/23/25 12:19	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			06/23/25 12:19	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			06/23/25 12:19	1
o-Xylene	1.0	U	1.0	0.36	ug/L			06/23/25 12:19	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			06/23/25 12:19	1
Styrene	1.0	U	1.0	0.42	ug/L			06/23/25 12:19	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			06/23/25 12:19	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			06/23/25 12:19	1
Toluene	1.0	U	1.0	0.38	ug/L			06/23/25 12:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/23/25 12:19	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			06/23/25 12:19	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			06/23/25 12:19	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			06/23/25 12:19	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			06/23/25 12:19	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			06/23/25 12:19	1

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 128		06/23/25 12:19	1
4-Bromofluorobenzene	95		76 - 120		06/23/25 12:19	1
Dibromofluoromethane (Surr)	93		77 - 132		06/23/25 12:19	1
Toluene-d8 (Surr)	106		80 - 120		06/23/25 12:19	1

Lab Sample ID: LCS 460-1045526/4
Matrix: Water
Analysis Batch: 1045526

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	19.9		ug/L		100	72 - 128
1,1,2,2-Tetrachloroethane	20.0	20.3		ug/L		102	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.3		ug/L		97	65 - 142
1,1,2-Trichloroethane	20.0	20.4		ug/L		102	74 - 125
1,1-Dichloroethane	20.0	22.7		ug/L		114	73 - 130
1,1-Dichloroethene	20.0	20.4		ug/L		102	68 - 133
1,2,3-Trichlorobenzene	20.0	18.6		ug/L		93	55 - 150
1,2,4-Trichlorobenzene	20.0	18.2		ug/L		91	67 - 132
1,2,4-Trimethylbenzene	20.0	21.8		ug/L		109	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	15.7		ug/L		79	58 - 132
1,2-Dichlorobenzene	20.0	20.5		ug/L		102	80 - 120
1,2-Dichloroethane	20.0	21.4		ug/L		107	66 - 129
1,2-Dichloropropane	20.0	20.7		ug/L		104	72 - 128
1,3,5-Trimethylbenzene	20.0	21.2		ug/L		106	75 - 125
1,3-Dichlorobenzene	20.0	21.2		ug/L		106	80 - 120
1,4-Dichlorobenzene	20.0	20.7		ug/L		104	80 - 120
2-Butanone (MEK)	100	82.8		ug/L		83	65 - 142
2-Hexanone	100	105		ug/L		105	72 - 134
4-Methyl-2-pentanone (MIBK)	100	109		ug/L		109	77 - 130
Acetone	100	106		ug/L		106	60 - 133
Benzene	20.0	23.2		ug/L		116	71 - 126
Bromoform	20.0	19.0		ug/L		95	58 - 128
Bromomethane	20.0	21.2		ug/L		106	33 - 150
Carbon disulfide	20.0	21.3		ug/L		106	35 - 150
Carbon tetrachloride	20.0	19.4		ug/L		97	65 - 131
Chlorobenzene	20.0	20.4		ug/L		102	80 - 120
Chlorobromomethane	20.0	17.2		ug/L		86	71 - 134
Chlorodibromomethane	20.0	19.7		ug/L		98	73 - 121
Chloroethane	20.0	22.2		ug/L		111	54 - 150
Chloroform	20.0	20.6		ug/L		103	78 - 125
Chloromethane	20.0	27.2		ug/L		136	43 - 149
cis-1,2-Dichloroethene	20.0	18.8		ug/L		94	78 - 121
cis-1,3-Dichloropropene	20.0	20.7		ug/L		104	74 - 125
Cyclohexane	20.0	20.7		ug/L		103	64 - 142
Dichlorobromomethane	20.0	20.2		ug/L		101	76 - 121
Dichlorodifluoromethane	20.0	21.4		ug/L		107	38 - 144
Ethylbenzene	20.0	20.7		ug/L		104	78 - 120
Ethylene Dibromide	20.0	18.1		ug/L		91	79 - 126
Isopropylbenzene	20.0	20.7		ug/L		104	79 - 125
Methyl acetate	40.0	62.0	*	ug/L		155	50 - 147
Methyl tert-butyl ether	20.0	17.9		ug/L		90	72 - 131

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

Lab Sample ID: LCS 460-1045526/4
Matrix: Water
Analysis Batch: 1045526

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylcyclohexane	20.0	21.2		ug/L		106	63 - 138
Methylene Chloride	20.0	19.7		ug/L		98	74 - 127
m-Xylene & p-Xylene	20.0	19.7		ug/L		98	78 - 120
n-Butylbenzene	20.0	22.8		ug/L		114	69 - 135
N-Propylbenzene	20.0	23.0		ug/L		115	68 - 129
o-Xylene	20.0	19.7		ug/L		99	78 - 120
sec-Butylbenzene	20.0	21.9		ug/L		110	77 - 129
Styrene	20.0	19.8		ug/L		99	82 - 127
tert-Butylbenzene	20.0	20.9		ug/L		104	78 - 120
Tetrachloroethene	20.0	19.0		ug/L		95	70 - 127
Toluene	20.0	21.2		ug/L		106	78 - 120
trans-1,2-Dichloroethene	20.0	19.8		ug/L		99	70 - 126
trans-1,3-Dichloropropene	20.0	20.3		ug/L		101	71 - 127
Trichloroethene	20.0	19.5		ug/L		98	73 - 121
Trichlorofluoromethane	20.0	21.4		ug/L		107	62 - 134
Vinyl chloride	20.0	22.9		ug/L		114	55 - 144
Xylenes, Total	40.0	39.4		ug/L		99	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 128*
4-Bromofluorobenzene	*94*		*76 - 120*
Dibromofluoromethane (Surr)	*91*		*77 - 132*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 460-1045526/6
Matrix: Water
Analysis Batch: 1045526

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	19.4		ug/L		97	72 - 128	3	30
1,1,2,2-Tetrachloroethane	20.0	22.2		ug/L		111	63 - 139	9	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.2		ug/L		96	65 - 142	1	30
1,1,2-Trichloroethane	20.0	19.8		ug/L		99	74 - 125	3	30
1,1-Dichloroethane	20.0	22.2		ug/L		111	73 - 130	3	30
1,1-Dichloroethene	20.0	19.7		ug/L		98	68 - 133	4	30
1,2,3-Trichlorobenzene	20.0	18.5		ug/L		93	55 - 150	1	30
1,2,4-Trichlorobenzene	20.0	19.1		ug/L		96	67 - 132	5	30
1,2,4-Trimethylbenzene	20.0	22.3		ug/L		112	75 - 125	2	30
1,2-Dibromo-3-Chloropropane	20.0	15.9		ug/L		79	58 - 132	1	30
1,2-Dichlorobenzene	20.0	21.0		ug/L		105	80 - 120	2	30
1,2-Dichloroethane	20.0	20.8		ug/L		104	66 - 129	3	30
1,2-Dichloropropane	20.0	19.5		ug/L		98	72 - 128	6	30
1,3,5-Trimethylbenzene	20.0	22.4		ug/L		112	75 - 125	5	30
1,3-Dichlorobenzene	20.0	21.5		ug/L		107	80 - 120	1	30
1,4-Dichlorobenzene	20.0	21.5		ug/L		107	80 - 120	3	30
2-Butanone (MEK)	100	74.9		ug/L		75	65 - 142	10	30
2-Hexanone	100	101		ug/L		101	72 - 134	3	30
4-Methyl-2-pentanone (MIBK)	100	103		ug/L		103	77 - 130	5	30

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

Lab Sample ID: LCSD 460-1045526/6
Matrix: Water
Analysis Batch: 1045526

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			100	105		ug/L		105	60 - 133	1	30
Benzene			20.0	22.9		ug/L		115	71 - 126	1	30
Bromoform			20.0	18.7		ug/L		94	58 - 128	1	30
Bromomethane			20.0	20.6		ug/L		103	33 - 150	3	30
Carbon disulfide			20.0	21.0		ug/L		105	35 - 150	1	30
Carbon tetrachloride			20.0	18.6		ug/L		93	65 - 131	5	30
Chlorobenzene			20.0	19.5		ug/L		98	80 - 120	5	30
Chlorobromomethane			20.0	16.4		ug/L		82	71 - 134	5	30
Chlorodibromomethane			20.0	18.8		ug/L		94	73 - 121	5	30
Chloroethane			20.0	23.0		ug/L		115	54 - 150	4	30
Chloroform			20.0	20.2		ug/L		101	78 - 125	2	30
Chloromethane			20.0	26.3		ug/L		131	43 - 149	3	30
cis-1,2-Dichloroethene			20.0	18.6		ug/L		93	78 - 121	1	30
cis-1,3-Dichloropropene			20.0	20.2		ug/L		101	74 - 125	2	30
Cyclohexane			20.0	20.4		ug/L		102	64 - 142	2	30
Dichlorobromomethane			20.0	19.3		ug/L		96	76 - 121	5	30
Dichlorodifluoromethane			20.0	22.3		ug/L		111	38 - 144	4	30
Ethylbenzene			20.0	20.4		ug/L		102	78 - 120	2	30
Ethylene Dibromide			20.0	17.0		ug/L		85	79 - 126	6	30
Isopropylbenzene			20.0	20.2		ug/L		101	79 - 125	2	30
Methyl acetate			40.0	58.4		ug/L		146	50 - 147	6	30
Methyl tert-butyl ether			20.0	16.9		ug/L		85	72 - 131	6	30
Methylcyclohexane			20.0	20.3		ug/L		102	63 - 138	4	30
Methylene Chloride			20.0	19.0		ug/L		95	74 - 127	3	30
m-Xylene & p-Xylene			20.0	19.6		ug/L		98	78 - 120	1	30
n-Butylbenzene			20.0	23.7		ug/L		118	69 - 135	4	30
N-Propylbenzene			20.0	24.2		ug/L		121	68 - 129	5	30
o-Xylene			20.0	19.5		ug/L		97	78 - 120	1	30
sec-Butylbenzene			20.0	22.7		ug/L		114	77 - 129	4	30
Styrene			20.0	19.0		ug/L		95	82 - 127	4	30
tert-Butylbenzene			20.0	21.4		ug/L		107	78 - 120	2	30
Tetrachloroethene			20.0	19.2		ug/L		96	70 - 127	1	30
Toluene			20.0	20.8		ug/L		104	78 - 120	2	30
trans-1,2-Dichloroethene			20.0	19.5		ug/L		97	70 - 126	2	30
trans-1,3-Dichloropropene			20.0	19.4		ug/L		97	71 - 127	4	30
Trichloroethene			20.0	19.1		ug/L		96	73 - 121	2	30
Trichlorofluoromethane			20.0	21.8		ug/L		109	62 - 134	2	30
Vinyl chloride			20.0	22.9		ug/L		114	55 - 144	0	30
Xylenes, Total			40.0	39.0		ug/L		98	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 128*
4-Bromofluorobenzene	*93*		*76 - 120*
Dibromofluoromethane (Surr)	*89*		*77 - 132*
Toluene-d8 (Surr)	*103*		*80 - 120*

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

Lab Sample ID: MB 460-1044486/1-A
Matrix: Water
Analysis Batch: 1044591

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1044486

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	5.0	U	5.0	1.2	ug/L		06/18/25 11:47	06/18/25 22:05	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		06/18/25 11:47	06/18/25 22:05	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		06/18/25 11:47	06/18/25 22:05	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		06/18/25 11:47	06/18/25 22:05	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		06/18/25 11:47	06/18/25 22:05	1
2,4,6-Trichlorophenol	3.0	U	3.0	0.86	ug/L		06/18/25 11:47	06/18/25 22:05	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		06/18/25 11:47	06/18/25 22:05	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		06/18/25 11:47	06/18/25 22:05	1
2,4-Dinitrophenol	40	U	40	11	ug/L		06/18/25 11:47	06/18/25 22:05	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		06/18/25 11:47	06/18/25 22:05	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		06/18/25 11:47	06/18/25 22:05	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		06/18/25 11:47	06/18/25 22:05	1
2-Chlorophenol	10	U	10	0.95	ug/L		06/18/25 11:47	06/18/25 22:05	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		06/18/25 11:47	06/18/25 22:05	1
2-Methylphenol	10	U	10	0.67	ug/L		06/18/25 11:47	06/18/25 22:05	1
2-Nitroaniline	10	U	10	1.2	ug/L		06/18/25 11:47	06/18/25 22:05	1
2-Nitrophenol	10	U	10	0.75	ug/L		06/18/25 11:47	06/18/25 22:05	1
3 & 4 Methylphenol	10	U	10	0.64	ug/L		06/18/25 11:47	06/18/25 22:05	1
3,3'-Dichlorobenzidine	5.2	U	5.2	1.4	ug/L		06/18/25 11:47	06/18/25 22:05	1
3-Nitroaniline	10	U	10	1.9	ug/L		06/18/25 11:47	06/18/25 22:05	1
4,6-Dinitro-2-methylphenol	20	U	20	8.6	ug/L		06/18/25 11:47	06/18/25 22:05	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		06/18/25 11:47	06/18/25 22:05	1
4-Chloro-3-methylphenol	10	U	10	1.3	ug/L		06/18/25 11:47	06/18/25 22:05	1
4-Chloroaniline	5.0	U	5.0	1.9	ug/L		06/18/25 11:47	06/18/25 22:05	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		06/18/25 11:47	06/18/25 22:05	1
4-Methylphenol	10	U	10	0.65	ug/L		06/18/25 11:47	06/18/25 22:05	1
4-Nitroaniline	10	U	10	1.2	ug/L		06/18/25 11:47	06/18/25 22:05	1
4-Nitrophenol	20	U	20	4.0	ug/L		06/18/25 11:47	06/18/25 22:05	1
Acenaphthene	10	U	10	1.1	ug/L		06/18/25 11:47	06/18/25 22:05	1
Acenaphthylene	10	U	10	0.82	ug/L		06/18/25 11:47	06/18/25 22:05	1
Acetophenone	10	U	10	2.3	ug/L		06/18/25 11:47	06/18/25 22:05	1
Anthracene	10	U	10	1.3	ug/L		06/18/25 11:47	06/18/25 22:05	1
Atrazine	2.0	U	2.0	1.3	ug/L		06/18/25 11:47	06/18/25 22:05	1
Benzaldehyde	10	U	10	2.1	ug/L		06/18/25 11:47	06/18/25 22:05	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		06/18/25 11:47	06/18/25 22:05	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		06/18/25 11:47	06/18/25 22:05	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		06/18/25 11:47	06/18/25 22:05	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		06/18/25 11:47	06/18/25 22:05	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		06/18/25 11:47	06/18/25 22:05	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		06/18/25 11:47	06/18/25 22:05	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		06/18/25 11:47	06/18/25 22:05	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		06/18/25 11:47	06/18/25 22:05	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		06/18/25 11:47	06/18/25 22:05	1
Caprolactam	10	U	10	2.2	ug/L		06/18/25 11:47	06/18/25 22:05	1
Carbazole	10	U	10	0.68	ug/L		06/18/25 11:47	06/18/25 22:05	1
Chrysene	2.0	U	2.0	0.91	ug/L		06/18/25 11:47	06/18/25 22:05	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		06/18/25 11:47	06/18/25 22:05	1
Dibenzofuran	10	U	10	1.1	ug/L		06/18/25 11:47	06/18/25 22:05	1

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

Lab Sample ID: MB 460-1044486/1-A
Matrix: Water
Analysis Batch: 1044591

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1044486

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	10	U	10	0.98	ug/L		06/18/25 11:47	06/18/25 22:05	1
Dimethyl phthalate	10	U	10	0.77	ug/L		06/18/25 11:47	06/18/25 22:05	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		06/18/25 11:47	06/18/25 22:05	1
Di-n-octyl phthalate	10	U	10	4.0	ug/L		06/18/25 11:47	06/18/25 22:05	1
Fluoranthene	10	U	10	0.84	ug/L		06/18/25 11:47	06/18/25 22:05	1
Fluorene	10	U	10	0.91	ug/L		06/18/25 11:47	06/18/25 22:05	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		06/18/25 11:47	06/18/25 22:05	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		06/18/25 11:47	06/18/25 22:05	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		06/18/25 11:47	06/18/25 22:05	1
Hexachloroethane	0.80	U	0.80	0.31	ug/L		06/18/25 11:47	06/18/25 22:05	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		06/18/25 11:47	06/18/25 22:05	1
Isophorone	10	U	10	0.80	ug/L		06/18/25 11:47	06/18/25 22:05	1
Naphthalene	2.0	U	2.0	0.54	ug/L		06/18/25 11:47	06/18/25 22:05	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		06/18/25 11:47	06/18/25 22:05	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		06/18/25 11:47	06/18/25 22:05	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		06/18/25 11:47	06/18/25 22:05	1
Pentachlorophenol	20	U	20	6.6	ug/L		06/18/25 11:47	06/18/25 22:05	1
Phenanthrene	10	U	10	1.3	ug/L		06/18/25 11:47	06/18/25 22:05	1
Phenol	10	U	10	0.29	ug/L		06/18/25 11:47	06/18/25 22:05	1
Pyrene	10	U	10	1.6	ug/L		06/18/25 11:47	06/18/25 22:05	1
1,4-Dioxane	10	U	10	1.6	ug/L		06/18/25 11:47	06/18/25 22:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*24 - 150*	*06/18/25 11:47*	*06/18/25 22:05*	*1*
2-Fluorobiphenyl	*102*		*38 - 139*	*06/18/25 11:47*	*06/18/25 22:05*	*1*
2-Fluorophenol (Surr)	*66*		*10 - 90*	*06/18/25 11:47*	*06/18/25 22:05*	*1*
Nitrobenzene-d5 (Surr)	*114*		*39 - 145*	*06/18/25 11:47*	*06/18/25 22:05*	*1*
Phenol-d5 (Surr)	*50*		*10 - 68*	*06/18/25 11:47*	*06/18/25 22:05*	*1*
Terphenyl-d14 (Surr)	*76*		*10 - 133*	*06/18/25 11:47*	*06/18/25 22:05*	*1*

Lab Sample ID: LCS 460-1044486/2-A
Matrix: Water
Analysis Batch: 1044591

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1044486

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	80.0	90.8		ug/L		114	56 - 123
1,2,4,5-Tetrachlorobenzene	80.0	84.1		ug/L		105	51 - 127
2,2'-oxybis[1-chloropropane]	80.0	96.0		ug/L		120	47 - 122
2,3,4,6-Tetrachlorophenol	80.0	86.3		ug/L		108	56 - 131
2,4,5-Trichlorophenol	80.0	84.5		ug/L		106	55 - 124
2,4,6-Trichlorophenol	80.0	86.2		ug/L		108	57 - 131
2,4-Dichlorophenol	80.0	82.2		ug/L		103	53 - 120
2,4-Dimethylphenol	80.0	96.7		ug/L		121	60 - 136
2,4-Dinitrophenol	160	179		ug/L		112	50 - 148
2,4-Dinitrotoluene	80.0	96.5		ug/L		121	62 - 142
2,6-Dinitrotoluene	80.0	93.7		ug/L		117	62 - 136
2-Chloronaphthalene	80.0	87.9		ug/L		110	54 - 129
2-Chlorophenol	80.0	78.5		ug/L		98	46 - 103

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

Lab Sample ID: LCS 460-1044486/2-A
Matrix: Water
Analysis Batch: 1044591

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1044486

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylnaphthalene	80.0	78.7		ug/L		98	45 - 110
2-Methylphenol	80.0	76.2		ug/L		95	39 - 95
2-Nitroaniline	80.0	87.2		ug/L		109	49 - 134
2-Nitrophenol	80.0	83.1		ug/L		104	54 - 124
3 & 4 Methylphenol	80.0	69.4		ug/L		87	44 - 89
3,3'-Dichlorobenzidine	80.0	85.1		ug/L		106	44 - 136
3-Nitroaniline	80.0	83.0		ug/L		104	33 - 120
4,6-Dinitro-2-methylphenol	160	190		ug/L		119	54 - 145
4-Bromophenyl phenyl ether	80.0	88.3		ug/L		110	59 - 132
4-Chloro-3-methylphenol	80.0	83.3		ug/L		104	50 - 120
4-Chloroaniline	80.0	75.7		ug/L		95	26 - 120
4-Chlorophenyl phenyl ether	80.0	86.9		ug/L		109	61 - 127
4-Methylphenol	80.0	69.8		ug/L		87	33 - 89
4-Nitroaniline	80.0	99.0		ug/L		124	49 - 135
4-Nitrophenol	160	143	*	ug/L		90	10 - 78
Acenaphthene	80.0	88.8		ug/L		111	58 - 127
Acenaphthylene	80.0	95.4		ug/L		119	63 - 133
Acetophenone	80.0	91.3		ug/L		114	54 - 125
Anthracene	80.0	95.4		ug/L		119	59 - 127
Atrazine	40.0	93.2	*	ug/L		233	10 - 150
Benzaldehyde	40.0	82.9	*	ug/L		207	16 - 150
Benzo[a]anthracene	80.0	85.4		ug/L		107	58 - 131
Benzo[a]pyrene	80.0	103		ug/L		129	63 - 148
Benzo[b]fluoranthene	80.0	97.6		ug/L		122	60 - 140
Benzo[g,h,i]perylene	80.0	84.9		ug/L		106	52 - 150
Benzo[k]fluoranthene	80.0	102		ug/L		128	60 - 140
Bis(2-chloroethoxy)methane	80.0	92.7		ug/L		116	57 - 122
Bis(2-chloroethyl)ether	80.0	91.8		ug/L		115	55 - 125
Bis(2-ethylhexyl) phthalate	80.0	90.2		ug/L		113	57 - 144
Butyl benzyl phthalate	80.0	90.4		ug/L		113	55 - 141
Caprolactam	40.0	33.8	*	ug/L		84	10 - 66
Carbazole	80.0	97.4		ug/L		122	58 - 132
Chrysene	80.0	82.2		ug/L		103	57 - 132
Dibenz(a,h)anthracene	80.0	83.9		ug/L		105	53 - 150
Dibenzofuran	80.0	89.6		ug/L		112	59 - 125
Diethyl phthalate	80.0	88.7		ug/L		111	56 - 131
Dimethyl phthalate	80.0	89.5		ug/L		112	60 - 129
Di-n-butyl phthalate	80.0	92.7		ug/L		116	55 - 139
Di-n-octyl phthalate	80.0	106		ug/L		132	51 - 150
Fluoranthene	80.0	98.8		ug/L		124	59 - 137
Fluorene	80.0	92.5		ug/L		116	61 - 125
Hexachlorobenzene	80.0	86.2		ug/L		108	62 - 135
Hexachlorobutadiene	80.0	81.2		ug/L		101	16 - 147
Hexachlorocyclopentadiene	80.0	105		ug/L		132	27 - 150
Hexachloroethane	80.0	89.7		ug/L		112	10 - 138
Indeno[1,2,3-cd]pyrene	80.0	84.5		ug/L		106	54 - 150
Isophorone	80.0	96.4		ug/L		121	58 - 128
Naphthalene	80.0	89.1		ug/L		111	45 - 126
Nitrobenzene	80.0	94.1		ug/L		118	58 - 127

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

Lab Sample ID: LCS 460-1044486/2-A
Matrix: Water
Analysis Batch: 1044591

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1044486

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
N-Nitrosodi-n-propylamine			80.0	99.7		ug/L		125	53 - 133		
N-Nitrosodiphenylamine			80.0	91.7		ug/L		115	57 - 128		
Pentachlorophenol			160	183		ug/L		115	54 - 140		
Phenanthrene			80.0	93.3		ug/L		117	58 - 126		
Phenol			80.0	47.8	*	ug/L		60	13 - 58		
Pyrene			80.0	85.9		ug/L		107	53 - 137		
1,4-Dioxane			80.0	59.1	*	ug/L		74	21 - 64		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*104*		*24 - 150*
2-Fluorobiphenyl	*112*		*38 - 139*
2-Fluorophenol (Surr)	*73*		*10 - 90*
Nitrobenzene-d5 (Surr)	*123*		*39 - 145*
Phenol-d5 (Surr)	*57*		*10 - 68*
Terphenyl-d14 (Surr)	*91*		*10 - 133*

Lab Sample ID: LCSD 460-1044486/3-A
Matrix: Water
Analysis Batch: 1044591

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1044486

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			80.0	85.7		ug/L		107	56 - 123	6	30
1,2,4,5-Tetrachlorobenzene			80.0	79.7		ug/L		100	51 - 127	5	30
2,2'-oxybis[1-chloropropane]			80.0	91.4		ug/L		114	47 - 122	5	30
2,3,4,6-Tetrachlorophenol			80.0	82.7		ug/L		103	56 - 131	4	30
2,4,5-Trichlorophenol			80.0	81.7		ug/L		102	55 - 124	3	30
2,4,6-Trichlorophenol			80.0	82.5		ug/L		103	57 - 131	4	30
2,4-Dichlorophenol			80.0	76.3		ug/L		95	53 - 120	7	30
2,4-Dimethylphenol			80.0	91.3		ug/L		114	60 - 136	6	30
2,4-Dinitrophenol			160	173		ug/L		108	50 - 148	3	30
2,4-Dinitrotoluene			80.0	91.4		ug/L		114	62 - 142	5	30
2,6-Dinitrotoluene			80.0	88.8		ug/L		111	62 - 136	5	30
2-Chloronaphthalene			80.0	82.8		ug/L		104	54 - 129	6	30
2-Chlorophenol			80.0	73.7		ug/L		92	46 - 103	6	30
2-Methylnaphthalene			80.0	73.4		ug/L		92	45 - 110	7	30
2-Methylphenol			80.0	71.8		ug/L		90	39 - 95	6	30
2-Nitroaniline			80.0	82.9		ug/L		104	49 - 134	5	30
2-Nitrophenol			80.0	79.3		ug/L		99	54 - 124	5	30
3 & 4 Methylphenol			80.0	65.3		ug/L		82	44 - 89	6	30
3,3'-Dichlorobenzidine			80.0	77.5		ug/L		97	44 - 136	9	30
3-Nitroaniline			80.0	79.1		ug/L		99	33 - 120	5	30
4,6-Dinitro-2-methylphenol			160	181		ug/L		113	54 - 145	5	30
4-Bromophenyl phenyl ether			80.0	82.6		ug/L		103	59 - 132	7	30
4-Chloro-3-methylphenol			80.0	77.6		ug/L		97	50 - 120	7	30
4-Chloroaniline			80.0	69.7		ug/L		87	26 - 120	8	30
4-Chlorophenyl phenyl ether			80.0	83.2		ug/L		104	61 - 127	4	30
4-Methylphenol			80.0	65.7		ug/L		82	33 - 89	6	30
4-Nitroaniline			80.0	95.7		ug/L		120	49 - 135	3	30

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

Lab Sample ID: LCSD 460-1044486/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1044591
Prep Batch: 1044486

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Nitrophenol			160	133	*	ug/L		83	10 - 78	7	30
Acenaphthene			80.0	85.4		ug/L		107	58 - 127	4	30
Acenaphthylene			80.0	89.6		ug/L		112	63 - 133	6	30
Acetophenone			80.0	85.3		ug/L		107	54 - 125	7	30
Anthracene			80.0	89.6		ug/L		112	59 - 127	6	30
Atrazine			40.0	88.1	*	ug/L		220	10 - 150	6	30
Benzaldehyde			40.0	78.2	*	ug/L		196	16 - 150	6	30
Benzo[a]anthracene			80.0	80.7		ug/L		101	58 - 131	6	30
Benzo[a]pyrene			80.0	99.2		ug/L		124	63 - 148	4	30
Benzo[b]fluoranthene			80.0	95.8		ug/L		120	60 - 140	2	30
Benzo[g,h,i]perylene			80.0	80.2		ug/L		100	52 - 150	6	30
Benzo[k]fluoranthene			80.0	94.7		ug/L		118	60 - 140	8	30
Bis(2-chloroethoxy)methane			80.0	86.7		ug/L		108	57 - 122	7	30
Bis(2-chloroethyl)ether			80.0	87.7		ug/L		110	55 - 125	5	30
Bis(2-ethylhexyl) phthalate			80.0	85.4		ug/L		107	57 - 144	5	30
Butyl benzyl phthalate			80.0	85.5		ug/L		107	55 - 141	6	30
Caprolactam			40.0	33.1	*	ug/L		83	10 - 66	2	30
Carbazole			80.0	93.6		ug/L		117	58 - 132	4	30
Chrysene			80.0	78.3		ug/L		98	57 - 132	5	30
Dibenz(a,h)anthracene			80.0	78.4		ug/L		98	53 - 150	7	30
Dibenzofuran			80.0	85.2		ug/L		106	59 - 125	5	30
Diethyl phthalate			80.0	83.7		ug/L		105	56 - 131	6	30
Dimethyl phthalate			80.0	84.2		ug/L		105	60 - 129	6	30
Di-n-butyl phthalate			80.0	87.9		ug/L		110	55 - 139	5	30
Di-n-octyl phthalate			80.0	101		ug/L		126	51 - 150	5	30
Fluoranthene			80.0	93.3		ug/L		117	59 - 137	6	30
Fluorene			80.0	87.4		ug/L		109	61 - 125	6	30
Hexachlorobenzene			80.0	79.9		ug/L		100	62 - 135	8	30
Hexachlorobutadiene			80.0	75.1		ug/L		94	16 - 147	8	30
Hexachlorocyclopentadiene			80.0	102		ug/L		128	27 - 150	3	30
Hexachloroethane			80.0	84.7		ug/L		106	10 - 138	6	30
Indeno[1,2,3-cd]pyrene			80.0	79.2		ug/L		99	54 - 150	6	30
Isophorone			80.0	90.8		ug/L		114	58 - 128	6	30
Naphthalene			80.0	83.3		ug/L		104	45 - 126	7	30
Nitrobenzene			80.0	88.9		ug/L		111	58 - 127	6	30
N-Nitrosodi-n-propylamine			80.0	94.1		ug/L		118	53 - 133	6	30
N-Nitrosodiphenylamine			80.0	86.4		ug/L		108	57 - 128	6	30
Pentachlorophenol			160	173		ug/L		108	54 - 140	6	30
Phenanthrene			80.0	87.8		ug/L		110	58 - 126	6	30
Phenol			80.0	44.9		ug/L		56	13 - 58	6	30
Pyrene			80.0	81.3		ug/L		102	53 - 137	5	30
1,4-Dioxane			80.0	54.6	*	ug/L		68	21 - 64	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*99*		*24 - 150*
2-Fluorobiphenyl	*106*		*38 - 139*
2-Fluorophenol (Surr)	*68*		*10 - 90*
Nitrobenzene-d5 (Surr)	*115*		*39 - 145*

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

Lab Sample ID: LCSD 460-1044486/3-A
Matrix: Water
Analysis Batch: 1044591

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1044486

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Phenol-d5 (Surr)	*54*		*10 - 68*
Terphenyl-d14 (Surr)	*86*		*10 - 133*

Lab Sample ID: MB 460-1044899/1-A
Matrix: Solid
Analysis Batch: 1044959

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1044899

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		06/19/25 18:37	06/20/25 05:37	1

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

Lab Sample ID: MB 460-1044899/1-A
Matrix: Solid
Analysis Batch: 1044959

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1044899

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Phenol	0.33	U	0.33	0.012	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		06/19/25 18:37	06/20/25 05:37	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		06/19/25 18:37	06/20/25 05:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*18 - 137*	*06/19/25 18:37*	*06/20/25 05:37*	*1*
2-Fluorobiphenyl	*65*		*33 - 117*	*06/19/25 18:37*	*06/20/25 05:37*	*1*
2-Fluorophenol (Surr)	*67*		*24 - 120*	*06/19/25 18:37*	*06/20/25 05:37*	*1*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*	*06/19/25 18:37*	*06/20/25 05:37*	*1*
Phenol-d5 (Surr)	*65*		*28 - 118*	*06/19/25 18:37*	*06/20/25 05:37*	*1*
Terphenyl-d14 (Surr)	*66*		*33 - 124*	*06/19/25 18:37*	*06/20/25 05:37*	*1*

Lab Sample ID: LCS 460-1044899/2-A
Matrix: Solid
Analysis Batch: 1044959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1044899

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.82		mg/Kg		84	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.78		mg/Kg		83	60 - 120
2,2'-oxybis[1-chloropropane]	3.33	2.82		mg/Kg		85	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.98		mg/Kg		90	62 - 120
2,4,5-Trichlorophenol	3.33	2.87		mg/Kg		86	64 - 120

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

Lab Sample ID: LCS 460-1044899/2-A
Matrix: Solid
Analysis Batch: 1044959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1044899

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,6-Trichlorophenol	3.33	3.00		mg/Kg		90	65 - 120
2,4-Dichlorophenol	3.33	2.96		mg/Kg		89	66 - 120
2,4-Dimethylphenol	3.33	2.80		mg/Kg		84	75 - 136
2,4-Dinitrophenol	6.67	5.84		mg/Kg		88	41 - 120
2,4-Dinitrotoluene	3.33	2.98		mg/Kg		90	65 - 124
2,6-Dinitrotoluene	3.33	2.96		mg/Kg		89	67 - 121
2-Chloronaphthalene	3.33	2.85		mg/Kg		85	64 - 120
2-Chlorophenol	3.33	2.84		mg/Kg		85	63 - 120
2-Methylnaphthalene	3.33	2.81		mg/Kg		84	56 - 102
2-Methylphenol	3.33	2.93		mg/Kg		88	63 - 120
2-Nitroaniline	3.33	2.90		mg/Kg		87	52 - 120
2-Nitrophenol	3.33	2.82		mg/Kg		85	64 - 120
3 & 4 Methylphenol	3.33	2.94		mg/Kg		88	61 - 120
3,3'-Dichlorobenzidine	3.33	2.64		mg/Kg		79	10 - 106
3-Nitroaniline	3.33	2.82		mg/Kg		85	18 - 105
4,6-Dinitro-2-methylphenol	6.67	6.43		mg/Kg		96	61 - 127
4-Bromophenyl phenyl ether	3.33	2.97		mg/Kg		89	64 - 120
4-Chloro-3-methylphenol	3.33	3.01		mg/Kg		90	68 - 120
4-Chloroaniline	3.33	2.53		mg/Kg		76	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.89		mg/Kg		87	62 - 120
4-Methylphenol	3.33	2.94		mg/Kg		88	61 - 120
4-Nitroaniline	3.33	2.95		mg/Kg		88	51 - 112
4-Nitrophenol	6.67	5.89		mg/Kg		88	52 - 122
Acenaphthene	3.33	2.80		mg/Kg		84	65 - 120
Acenaphthylene	3.33	2.85		mg/Kg		85	68 - 120
Acetophenone	3.33	2.77		mg/Kg		83	61 - 111
Anthracene	3.33	3.04		mg/Kg		91	67 - 120
Atrazine	2.67	1.38		mg/Kg		52	52 - 150
Benzaldehyde	2.67	1.19		mg/Kg		45	45 - 150
Benzo[a]anthracene	3.33	2.85		mg/Kg		86	66 - 120
Benzo[a]pyrene	3.33	3.13		mg/Kg		94	69 - 123
Benzo[b]fluoranthene	3.33	3.15		mg/Kg		95	66 - 125
Benzo[g,h,i]perylene	3.33	3.07		mg/Kg		92	66 - 138
Benzo[k]fluoranthene	3.33	2.95		mg/Kg		89	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.84		mg/Kg		85	62 - 120
Bis(2-chloroethyl)ether	3.33	2.86		mg/Kg		86	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.84		mg/Kg		85	64 - 125
Butyl benzyl phthalate	3.33	2.86		mg/Kg		86	62 - 127
Caprolactam	2.67	1.31		mg/Kg		49	46 - 150
Carbazole	3.33	3.04		mg/Kg		91	64 - 120
Chrysene	3.33	2.82		mg/Kg		85	67 - 120
Dibenz(a,h)anthracene	3.33	3.23		mg/Kg		97	66 - 128
Dibenzofuran	3.33	2.87		mg/Kg		86	61 - 120
Diethyl phthalate	3.33	2.87		mg/Kg		86	63 - 120
Dimethyl phthalate	3.33	2.91		mg/Kg		87	65 - 120
Di-n-butyl phthalate	3.33	3.05		mg/Kg		92	61 - 120
Di-n-octyl phthalate	3.33	3.05		mg/Kg		91	61 - 123
Fluoranthene	3.33	3.04		mg/Kg		91	61 - 120
Fluorene	3.33	2.89		mg/Kg		87	64 - 120

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

Lab Sample ID: LCS 460-1044899/2-A
Matrix: Solid
Analysis Batch: 1044959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1044899

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Hexachlorobenzene			3.33	3.03		mg/Kg		91	66 - 120		
Hexachlorobutadiene			3.33	2.74		mg/Kg		82	62 - 120		
Hexachlorocyclopentadiene			3.33	2.18		mg/Kg		65	32 - 150		
Hexachloroethane			3.33	2.74		mg/Kg		82	61 - 112		
Indeno[1,2,3-cd]pyrene			3.33	3.03		mg/Kg		91	63 - 137		
Isophorone			3.33	2.83		mg/Kg		85	61 - 120		
Naphthalene			3.33	2.73		mg/Kg		82	63 - 113		
Nitrobenzene			3.33	2.91		mg/Kg		87	63 - 120		
N-Nitrosodi-n-propylamine			3.33	2.93		mg/Kg		88	60 - 120		
N-Nitrosodiphenylamine			3.33	2.99		mg/Kg		90	63 - 120		
Pentachlorophenol			6.67	6.21		mg/Kg		93	61 - 126		
Phenanthrene			3.33	2.98		mg/Kg		89	66 - 120		
Phenol			3.33	2.88		mg/Kg		86	63 - 120		
Pyrene			3.33	2.81		mg/Kg		84	61 - 121		
1,4-Dioxane			3.33	2.65		mg/Kg		80	31 - 105		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*75*		*18 - 137*
2-Fluorobiphenyl	*72*		*33 - 117*
2-Fluorophenol (Surr)	*73*		*24 - 120*
Nitrobenzene-d5 (Surr)	*71*		*27 - 120*
Phenol-d5 (Surr)	*71*		*28 - 118*
Terphenyl-d14 (Surr)	*65*		*33 - 124*

Lab Sample ID: LCSD 460-1044899/3-A
Matrix: Solid
Analysis Batch: 1044959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1044899

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	2.70		mg/Kg		81	64 - 120	4	30
1,2,4,5-Tetrachlorobenzene			3.33	2.67		mg/Kg		80	60 - 120	4	30
2,2'-oxybis[1-chloropropane]			3.33	2.62		mg/Kg		79	50 - 126	7	30
2,3,4,6-Tetrachlorophenol			3.33	2.89		mg/Kg		87	62 - 120	3	30
2,4,5-Trichlorophenol			3.33	2.79		mg/Kg		84	64 - 120	3	30
2,4,6-Trichlorophenol			3.33	2.89		mg/Kg		87	65 - 120	4	30
2,4-Dichlorophenol			3.33	2.76		mg/Kg		83	66 - 120	7	30
2,4-Dimethylphenol			3.33	2.68		mg/Kg		80	75 - 136	5	30
2,4-Dinitrophenol			6.67	5.81		mg/Kg		87	41 - 120	1	30
2,4-Dinitrotoluene			3.33	2.90		mg/Kg		87	65 - 124	3	30
2,6-Dinitrotoluene			3.33	2.97		mg/Kg		89	67 - 121	0	30
2-Chloronaphthalene			3.33	2.71		mg/Kg		81	64 - 120	5	30
2-Chlorophenol			3.33	2.66		mg/Kg		80	63 - 120	7	30
2-Methylnaphthalene			3.33	2.67		mg/Kg		80	56 - 102	5	30
2-Methylphenol			3.33	2.77		mg/Kg		83	63 - 120	5	30
2-Nitroaniline			3.33	2.82		mg/Kg		84	52 - 120	3	30
2-Nitrophenol			3.33	2.62		mg/Kg		79	64 - 120	8	30
3 & 4 Methylphenol			3.33	2.79		mg/Kg		84	61 - 120	5	30
3,3'-Dichlorobenzidine			3.33	2.50		mg/Kg		75	10 - 106	6	30

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

Lab Sample ID: LCSD 460-1044899/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1044959
Prep Batch: 1044899

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
3-Nitroaniline	3.33	2.71		mg/Kg		81	18 - 105	4	30
4,6-Dinitro-2-methylphenol	6.67	6.11		mg/Kg		92	61 - 127	5	30
4-Bromophenyl phenyl ether	3.33	2.89		mg/Kg		87	64 - 120	3	30
4-Chloro-3-methylphenol	3.33	2.86		mg/Kg		86	68 - 120	5	30
4-Chloroaniline	3.33	2.45		mg/Kg		74	10 - 107	3	30
4-Chlorophenyl phenyl ether	3.33	2.81		mg/Kg		84	62 - 120	3	30
4-Methylphenol	3.33	2.79		mg/Kg		84	61 - 120	5	30
4-Nitroaniline	3.33	2.88		mg/Kg		86	51 - 112	2	30
4-Nitrophenol	6.67	5.87		mg/Kg		88	52 - 122	0	30
Acenaphthene	3.33	2.74		mg/Kg		82	65 - 120	2	30
Acenaphthylene	3.33	2.74		mg/Kg		82	68 - 120	4	30
Acetophenone	3.33	2.63		mg/Kg		79	61 - 111	5	30
Anthracene	3.33	2.92		mg/Kg		88	67 - 120	4	30
Atrazine	2.67	1.57		mg/Kg		59	52 - 150	13	30
Benzaldehyde	2.67	1.26		mg/Kg		47	45 - 150	6	30
Benzo[a]anthracene	3.33	2.69		mg/Kg		81	66 - 120	6	30
Benzo[a]pyrene	3.33	2.95		mg/Kg		89	69 - 123	6	30
Benzo[b]fluoranthene	3.33	3.04		mg/Kg		91	66 - 125	4	30
Benzo[g,h,i]perylene	3.33	2.90		mg/Kg		87	66 - 138	6	30
Benzo[k]fluoranthene	3.33	2.79		mg/Kg		84	67 - 122	6	30
Bis(2-chloroethoxy)methane	3.33	2.63		mg/Kg		79	62 - 120	8	30
Bis(2-chloroethyl)ether	3.33	2.66		mg/Kg		80	60 - 120	7	30
Bis(2-ethylhexyl) phthalate	3.33	2.67		mg/Kg		80	64 - 125	6	30
Butyl benzyl phthalate	3.33	2.74		mg/Kg		82	62 - 127	4	30
Caprolactam	2.67	1.47		mg/Kg		55	46 - 150	12	30
Carbazole	3.33	2.97		mg/Kg		89	64 - 120	2	30
Chrysene	3.33	2.67		mg/Kg		80	67 - 120	6	30
Dibenz(a,h)anthracene	3.33	3.08		mg/Kg		92	66 - 128	5	30
Dibenzofuran	3.33	2.76		mg/Kg		83	61 - 120	4	30
Diethyl phthalate	3.33	2.83		mg/Kg		85	63 - 120	1	30
Dimethyl phthalate	3.33	2.82		mg/Kg		85	65 - 120	3	30
Di-n-butyl phthalate	3.33	2.94		mg/Kg		88	61 - 120	4	30
Di-n-octyl phthalate	3.33	2.88		mg/Kg		86	61 - 123	6	30
Fluoranthene	3.33	2.94		mg/Kg		88	61 - 120	3	30
Fluorene	3.33	2.82		mg/Kg		84	64 - 120	3	30
Hexachlorobenzene	3.33	2.93		mg/Kg		88	66 - 120	4	30
Hexachlorobutadiene	3.33	2.57		mg/Kg		77	62 - 120	7	30
Hexachlorocyclopentadiene	3.33	2.06		mg/Kg		62	32 - 150	6	30
Hexachloroethane	3.33	2.60		mg/Kg		78	61 - 112	5	30
Indeno[1,2,3-cd]pyrene	3.33	2.86		mg/Kg		86	63 - 137	6	30
Isophorone	3.33	2.65		mg/Kg		79	61 - 120	7	30
Naphthalene	3.33	2.57		mg/Kg		77	63 - 113	6	30
Nitrobenzene	3.33	2.74		mg/Kg		82	63 - 120	6	30
N-Nitrosodi-n-propylamine	3.33	2.77		mg/Kg		83	60 - 120	6	30
N-Nitrosodiphenylamine	3.33	2.92		mg/Kg		87	63 - 120	3	30
Pentachlorophenol	6.67	5.93		mg/Kg		89	61 - 126	5	30
Phenanthrene	3.33	2.87		mg/Kg		86	66 - 120	4	30
Phenol	3.33	2.69		mg/Kg		81	63 - 120	7	30
Pyrene	3.33	2.67		mg/Kg		80	61 - 121	5	30

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

Lab Sample ID: LCSD 460-1044899/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1044959
Prep Batch: 1044899

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			3.33	2.55		mg/Kg		76	31 - 105	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*76*		*18 - 137*
2-Fluorobiphenyl	*71*		*33 - 117*
2-Fluorophenol (Surr)	*71*		*24 - 120*
Nitrobenzene-d5 (Surr)	*70*		*27 - 120*
Phenol-d5 (Surr)	*71*		*28 - 118*
Terphenyl-d14 (Surr)	*64*		*33 - 124*

Lab Sample ID: 460-328732-3 MS
Client Sample ID: RX-06(0-2)
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1044959
Prep Batch: 1044899

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.33	U	3.37	2.61		mg/Kg	☼	77	64 - 120
1,2,4,5-Tetrachlorobenzene	0.33	U	3.37	2.60		mg/Kg	☼	77	60 - 120
1,4-Dioxane	0.033	U	3.37	2.15		mg/Kg	☼	64	31 - 105
2,2'-oxybis[1-chloropropane]	0.33	U	3.37	2.60		mg/Kg	☼	77	50 - 126
2,3,4,6-Tetrachlorophenol	0.33	U	3.37	2.80		mg/Kg	☼	83	62 - 120
2,4,5-Trichlorophenol	0.33	U	3.37	2.67		mg/Kg	☼	79	64 - 120
2,4,6-Trichlorophenol	0.13	U	3.37	2.80		mg/Kg	☼	83	65 - 120
2,4-Dichlorophenol	0.13	U	3.37	2.77		mg/Kg	☼	82	66 - 120
2,4-Dimethylphenol	0.33	U	3.37	2.60		mg/Kg	☼	77	75 - 136
2,4-Dinitrophenol	0.27	U	6.74	4.87		mg/Kg	☼	72	41 - 120
2,4-Dinitrotoluene	0.068	U	3.37	2.76		mg/Kg	☼	82	65 - 124
2,6-Dinitrotoluene	0.068	U	3.37	2.73		mg/Kg	☼	81	67 - 121
2-Chloronaphthalene	0.33	U	3.37	2.59		mg/Kg	☼	77	64 - 120
2-Chlorophenol	0.33	U	3.37	2.61		mg/Kg	☼	78	63 - 120
2-Methylnaphthalene	0.33	U	3.37	2.56		mg/Kg	☼	76	56 - 102
2-Methylphenol	0.33	U	3.37	2.73		mg/Kg	☼	81	63 - 120
2-Nitroaniline	0.33	U	3.37	2.72		mg/Kg	☼	81	52 - 120
2-Nitrophenol	0.33	U	3.37	2.59		mg/Kg	☼	77	64 - 120
3 & 4 Methylphenol	0.33	U	3.37	2.70		mg/Kg	☼	80	61 - 120
3,3'-Dichlorobenzidine	0.13	U	3.37	2.47		mg/Kg	☼	73	10 - 106
3-Nitroaniline	0.33	U	3.37	2.46		mg/Kg	☼	73	18 - 105
4,6-Dinitro-2-methylphenol	0.27	U	6.74	5.36		mg/Kg	☼	80	61 - 127
4-Bromophenyl phenyl ether	0.33	U	3.37	2.80		mg/Kg	☼	83	64 - 120
4-Chloro-3-methylphenol	0.33	U	3.37	2.77		mg/Kg	☼	82	68 - 120
4-Chloroaniline	0.33	U	3.37	2.13		mg/Kg	☼	63	10 - 107
4-Chlorophenyl phenyl ether	0.33	U	3.37	2.69		mg/Kg	☼	80	62 - 120
4-Methylphenol	0.33	U	3.37	2.70		mg/Kg	☼	80	61 - 120
4-Nitroaniline	0.33	U	3.37	2.59		mg/Kg	☼	77	51 - 112
4-Nitrophenol	0.68	U	6.74	5.88		mg/Kg	☼	87	52 - 122
Acenaphthene	0.011	J	3.37	2.64		mg/Kg	☼	78	65 - 120
Acenaphthylene	0.33	U	3.37	2.62		mg/Kg	☼	78	68 - 120
Acetophenone	0.33	U	3.37	2.58		mg/Kg	☼	77	61 - 111
Anthracene	0.33	U	3.37	2.75		mg/Kg	☼	82	67 - 120

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

Lab Sample ID: 460-328732-3 MS
Matrix: Solid
Analysis Batch: 1044959

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1044899

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Atrazine	0.13	U	2.69	1.20	*	mg/Kg	☼	45	52 - 150
Benzaldehyde	0.33	U	2.69	1.06	*	mg/Kg	☼	39	45 - 150
Benzo[a]anthracene	0.033	U	3.37	2.66		mg/Kg	☼	79	66 - 120
Benzo[a]pyrene	0.020	J	3.37	2.85		mg/Kg	☼	84	69 - 123
Benzo[b]fluoranthene	0.030	J	3.37	2.82		mg/Kg	☼	83	66 - 125
Benzo[g,h,i]perylene	0.020	J	3.37	2.35		mg/Kg	☼	69	66 - 138
Benzo[k]fluoranthene	0.0094	J	3.37	2.79		mg/Kg	☼	83	67 - 122
Bis(2-chloroethoxy)methane	0.33	U	3.37	2.54		mg/Kg	☼	75	62 - 120
Bis(2-chloroethyl)ether	0.033	U	3.37	2.55		mg/Kg	☼	76	60 - 120
Bis(2-ethylhexyl) phthalate	0.058	J	3.37	2.65		mg/Kg	☼	77	64 - 125
Butyl benzyl phthalate	0.33	U	3.37	2.67		mg/Kg	☼	79	62 - 127
Caprolactam	0.33	U	2.69	1.24		mg/Kg	☼	46	46 - 150
Carbazole	0.33	U	3.37	2.78		mg/Kg	☼	82	64 - 120
Chrysene	0.030	J	3.37	2.58		mg/Kg	☼	76	67 - 120
Dibenz(a,h)anthracene	0.033	U	3.37	2.70		mg/Kg	☼	80	66 - 128
Dibenzofuran	0.33	U	3.37	2.63		mg/Kg	☼	78	61 - 120
Diethyl phthalate	0.33	U	3.37	2.68		mg/Kg	☼	79	63 - 120
Dimethyl phthalate	0.33	U	3.37	2.61		mg/Kg	☼	78	65 - 120
Di-n-butyl phthalate	0.33	U	3.37	2.86		mg/Kg	☼	85	61 - 120
Di-n-octyl phthalate	0.33	U	3.37	2.83		mg/Kg	☼	84	61 - 123
Fluoranthene	0.047	J	3.37	2.80		mg/Kg	☼	82	61 - 120
Fluorene	0.011	J	3.37	2.66		mg/Kg	☼	79	64 - 120
Hexachlorobenzene	0.033	U	3.37	2.82		mg/Kg	☼	84	66 - 120
Hexachlorobutadiene	0.068	U	3.37	2.53		mg/Kg	☼	75	62 - 120
Hexachlorocyclopentadiene	0.33	U	3.37	1.42		mg/Kg	☼	42	32 - 150
Hexachloroethane	0.033	U	3.37	2.48		mg/Kg	☼	74	61 - 112
Indeno[1,2,3-cd]pyrene	0.033	U	3.37	2.55		mg/Kg	☼	76	63 - 137
Isophorone	0.13	U	3.37	2.54		mg/Kg	☼	75	61 - 120
Naphthalene	0.0063	J	3.37	2.54		mg/Kg	☼	75	63 - 113
Nitrobenzene	0.033	U	3.37	2.71		mg/Kg	☼	80	63 - 120
N-Nitrosodi-n-propylamine	0.033	U	3.37	2.63		mg/Kg	☼	78	60 - 120
N-Nitrosodiphenylamine	0.33	U	3.37	2.82		mg/Kg	☼	84	63 - 120
Pentachlorophenol	0.27	U	6.74	5.99		mg/Kg	☼	89	61 - 126
Phenanthrene	0.026	J	3.37	2.78		mg/Kg	☼	82	66 - 120
Phenol	0.33	U	3.37	2.68		mg/Kg	☼	80	63 - 120
Pyrene	0.056	J	3.37	2.61		mg/Kg	☼	76	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*73*		*18 - 137*
2-Fluorobiphenyl	*70*		*33 - 117*
2-Fluorophenol (Surr)	*69*		*24 - 120*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*
Phenol-d5 (Surr)	*71*		*28 - 118*
Terphenyl-d14 (Surr)	*63*		*33 - 124*

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

Lab Sample ID: 460-328732-3 MSD
Client Sample ID: RX-06(0-2)
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1044959
Prep Batch: 1044899

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.33	U	3.37	2.51		mg/Kg	☼	74	64 - 120	4	30
1,2,4,5-Tetrachlorobenzene	0.33	U	3.37	2.47		mg/Kg	☼	73	60 - 120	5	30
1,4-Dioxane	0.033	U	3.37	2.15		mg/Kg	☼	64	31 - 105	0	30
2,2'-oxybis[1-chloropropane]	0.33	U	3.37	2.53		mg/Kg	☼	75	50 - 126	3	30
2,3,4,6-Tetrachlorophenol	0.33	U	3.37	2.67		mg/Kg	☼	79	62 - 120	5	30
2,4,5-Trichlorophenol	0.33	U	3.37	2.60		mg/Kg	☼	77	64 - 120	3	30
2,4,6-Trichlorophenol	0.13	U	3.37	2.69		mg/Kg	☼	80	65 - 120	4	30
2,4-Dichlorophenol	0.13	U	3.37	2.67		mg/Kg	☼	79	66 - 120	4	30
2,4-Dimethylphenol	0.33	U	3.37	2.60		mg/Kg	☼	77	75 - 136	0	30
2,4-Dinitrophenol	0.27	U	6.74	4.55		mg/Kg	☼	67	41 - 120	7	30
2,4-Dinitrotoluene	0.068	U	3.37	2.64		mg/Kg	☼	78	65 - 124	5	30
2,6-Dinitrotoluene	0.068	U	3.37	2.63		mg/Kg	☼	78	67 - 121	4	30
2-Chloronaphthalene	0.33	U	3.37	2.53		mg/Kg	☼	75	64 - 120	3	30
2-Chlorophenol	0.33	U	3.37	2.56		mg/Kg	☼	76	63 - 120	2	30
2-Methylnaphthalene	0.33	U	3.37	2.54		mg/Kg	☼	76	56 - 102	1	30
2-Methylphenol	0.33	U	3.37	2.64		mg/Kg	☼	78	63 - 120	4	30
2-Nitroaniline	0.33	U	3.37	2.73		mg/Kg	☼	81	52 - 120	0	30
2-Nitrophenol	0.33	U	3.37	2.51		mg/Kg	☼	74	64 - 120	3	30
3 & 4 Methylphenol	0.33	U	3.37	2.68		mg/Kg	☼	80	61 - 120	1	30
3,3'-Dichlorobenzidine	0.13	U	3.37	2.44		mg/Kg	☼	72	10 - 106	1	30
3-Nitroaniline	0.33	U	3.37	2.32		mg/Kg	☼	69	18 - 105	6	30
4,6-Dinitro-2-methylphenol	0.27	U	6.74	4.99		mg/Kg	☼	74	61 - 127	7	30
4-Bromophenyl phenyl ether	0.33	U	3.37	2.68		mg/Kg	☼	80	64 - 120	4	30
4-Chloro-3-methylphenol	0.33	U	3.37	2.63		mg/Kg	☼	78	68 - 120	5	30
4-Chloroaniline	0.33	U	3.37	2.06		mg/Kg	☼	61	10 - 107	3	30
4-Chlorophenyl phenyl ether	0.33	U	3.37	2.55		mg/Kg	☼	76	62 - 120	5	30
4-Methylphenol	0.33	U	3.37	2.68		mg/Kg	☼	80	61 - 120	1	30
4-Nitroaniline	0.33	U	3.37	2.45		mg/Kg	☼	73	51 - 112	6	30
4-Nitrophenol	0.68	U	6.74	5.63		mg/Kg	☼	84	52 - 122	4	30
Acenaphthene	0.011	J	3.37	2.55		mg/Kg	☼	75	65 - 120	4	30
Acenaphthylene	0.33	U	3.37	2.51		mg/Kg	☼	74	68 - 120	4	30
Acetophenone	0.33	U	3.37	2.53		mg/Kg	☼	75	61 - 111	2	30
Anthracene	0.33	U	3.37	2.67		mg/Kg	☼	79	67 - 120	3	30
Atrazine	0.13	U	2.69	1.57		mg/Kg	☼	58	52 - 150	27	30
Benzaldehyde	0.33	U	2.69	1.38		mg/Kg	☼	51	45 - 150	27	30
Benzo[a]anthracene	0.033	U	3.37	2.54		mg/Kg	☼	75	66 - 120	5	30
Benzo[a]pyrene	0.020	J	3.37	2.75		mg/Kg	☼	81	69 - 123	4	30
Benzo[b]fluoranthene	0.030	J	3.37	2.72		mg/Kg	☼	80	66 - 125	4	30
Benzo[g,h,i]perylene	0.020	J	3.37	2.21	*	mg/Kg	☼	65	66 - 138	6	30
Benzo[k]fluoranthene	0.0094	J	3.37	2.69		mg/Kg	☼	80	67 - 122	4	30
Bis(2-chloroethoxy)methane	0.33	U	3.37	2.51		mg/Kg	☼	75	62 - 120	1	30
Bis(2-chloroethyl)ether	0.033	U	3.37	2.53		mg/Kg	☼	75	60 - 120	1	30
Bis(2-ethylhexyl) phthalate	0.058	J	3.37	2.51		mg/Kg	☼	73	64 - 125	5	30
Butyl benzyl phthalate	0.33	U	3.37	2.54		mg/Kg	☼	75	62 - 127	5	30
Caprolactam	0.33	U	2.69	1.56		mg/Kg	☼	58	46 - 150	23	30
Carbazole	0.33	U	3.37	2.69		mg/Kg	☼	80	64 - 120	3	30
Chrysene	0.030	J	3.37	2.47		mg/Kg	☼	72	67 - 120	4	30
Dibenz(a,h)anthracene	0.033	U	3.37	2.51		mg/Kg	☼	75	66 - 128	7	30

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

Lab Sample ID: 460-328732-3 MSD
Matrix: Solid
Analysis Batch: 1044959

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1044899

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dibenzofuran	0.33	U	3.37	2.51		mg/Kg	☼	75	61 - 120	5	30
Diethyl phthalate	0.33	U	3.37	2.53		mg/Kg	☼	75	63 - 120	5	30
Dimethyl phthalate	0.33	U	3.37	2.51		mg/Kg	☼	74	65 - 120	4	30
Di-n-butyl phthalate	0.33	U	3.37	2.77		mg/Kg	☼	82	61 - 120	3	30
Di-n-octyl phthalate	0.33	U	3.37	2.75		mg/Kg	☼	82	61 - 123	3	30
Fluoranthene	0.047	J	3.37	2.69		mg/Kg	☼	79	61 - 120	4	30
Fluorene	0.011	J	3.37	2.53		mg/Kg	☼	75	64 - 120	5	30
Hexachlorobenzene	0.033	U	3.37	2.69		mg/Kg	☼	80	66 - 120	5	30
Hexachlorobutadiene	0.068	U	3.37	2.50		mg/Kg	☼	74	62 - 120	1	30
Hexachlorocyclopentadiene	0.33	U	3.37	1.22		mg/Kg	☼	36	32 - 150	15	30
Hexachloroethane	0.033	U	3.37	2.49		mg/Kg	☼	74	61 - 112	0	30
Indeno[1,2,3-cd]pyrene	0.033	U	3.37	2.21		mg/Kg	☼	66	63 - 137	14	30
Isophorone	0.13	U	3.37	2.51		mg/Kg	☼	75	61 - 120	1	30
Naphthalene	0.0063	J	3.37	2.51		mg/Kg	☼	74	63 - 113	1	30
Nitrobenzene	0.033	U	3.37	2.63		mg/Kg	☼	78	63 - 120	3	30
N-Nitrosodi-n-propylamine	0.033	U	3.37	2.59		mg/Kg	☼	77	60 - 120	1	30
N-Nitrosodiphenylamine	0.33	U	3.37	2.73		mg/Kg	☼	81	63 - 120	3	30
Pentachlorophenol	0.27	U	6.74	5.78		mg/Kg	☼	86	61 - 126	3	30
Phenanthrene	0.026	J	3.37	2.66		mg/Kg	☼	78	66 - 120	4	30
Phenol	0.33	U	3.37	2.60		mg/Kg	☼	77	63 - 120	3	30
Pyrene	0.056	J	3.37	2.52		mg/Kg	☼	73	61 - 121	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*67*		*18 - 137*
2-Fluorobiphenyl	*65*		*33 - 117*
2-Fluorophenol (Surr)	*66*		*24 - 120*
Nitrobenzene-d5 (Surr)	*64*		*27 - 120*
Phenol-d5 (Surr)	*67*		*28 - 118*
Terphenyl-d14 (Surr)	*58*		*33 - 124*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1044360/1-A
Matrix: Water
Analysis Batch: 1044637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1044360

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		06/18/25 06:42	06/19/25 04:16	1
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		06/18/25 06:42	06/19/25 04:16	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		06/18/25 06:42	06/19/25 04:16	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		06/18/25 06:42	06/19/25 04:16	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		06/18/25 06:42	06/19/25 04:16	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		06/18/25 06:42	06/19/25 04:16	1
Aldrin	0.020	U	0.020	0.0030	ug/L		06/18/25 06:42	06/19/25 04:16	1
Aldrin	0.020	U	0.020	0.0030	ug/L		06/18/25 06:42	06/19/25 04:16	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		06/18/25 06:42	06/19/25 04:16	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		06/18/25 06:42	06/19/25 04:16	1
beta-BHC	0.020	U	0.020	0.015	ug/L		06/18/25 06:42	06/19/25 04:16	1
beta-BHC	0.020	U	0.020	0.015	ug/L		06/18/25 06:42	06/19/25 04:16	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1044360/1-A
Matrix: Water
Analysis Batch: 1044637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1044360

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.20	U	0.20	0.055	ug/L		06/18/25 06:42	06/19/25 04:16	1
Chlordane (technical)	0.20	U	0.20	0.055	ug/L		06/18/25 06:42	06/19/25 04:16	1
cis-Chlordane	0.020	U	0.020	0.0020	ug/L		06/18/25 06:42	06/19/25 04:16	1
cis-Chlordane	0.020	U	0.020	0.0020	ug/L		06/18/25 06:42	06/19/25 04:16	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		06/18/25 06:42	06/19/25 04:16	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		06/18/25 06:42	06/19/25 04:16	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		06/18/25 06:42	06/19/25 04:16	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		06/18/25 06:42	06/19/25 04:16	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		06/18/25 06:42	06/19/25 04:16	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		06/18/25 06:42	06/19/25 04:16	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		06/18/25 06:42	06/19/25 04:16	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		06/18/25 06:42	06/19/25 04:16	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		06/18/25 06:42	06/19/25 04:16	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		06/18/25 06:42	06/19/25 04:16	1
Endrin	0.020	U	0.020	0.0040	ug/L		06/18/25 06:42	06/19/25 04:16	1
Endrin	0.020	U	0.020	0.0040	ug/L		06/18/25 06:42	06/19/25 04:16	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		06/18/25 06:42	06/19/25 04:16	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		06/18/25 06:42	06/19/25 04:16	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		06/18/25 06:42	06/19/25 04:16	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		06/18/25 06:42	06/19/25 04:16	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		06/18/25 06:42	06/19/25 04:16	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		06/18/25 06:42	06/19/25 04:16	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		06/18/25 06:42	06/19/25 04:16	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		06/18/25 06:42	06/19/25 04:16	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		06/18/25 06:42	06/19/25 04:16	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		06/18/25 06:42	06/19/25 04:16	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		06/18/25 06:42	06/19/25 04:16	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		06/18/25 06:42	06/19/25 04:16	1
Toxaphene	0.50	U	0.50	0.11	ug/L		06/18/25 06:42	06/19/25 04:16	1
Toxaphene	0.50	U	0.50	0.11	ug/L		06/18/25 06:42	06/19/25 04:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*80*		*10 - 131*	*06/18/25 06:42*	*06/19/25 04:16*	*1*
DCB Decachlorobiphenyl	*69*		*10 - 131*	*06/18/25 06:42*	*06/19/25 04:16*	*1*
Tetrachloro-m-xylene	*80*		*31 - 120*	*06/18/25 06:42*	*06/19/25 04:16*	*1*
Tetrachloro-m-xylene	*68*		*31 - 120*	*06/18/25 06:42*	*06/19/25 04:16*	*1*

Lab Sample ID: LCS 460-1044360/2-A
Matrix: Water
Analysis Batch: 1044637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1044360

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.800	0.955		ug/L		119	60 - 138
4,4'-DDD	0.800	0.920		ug/L		115	60 - 138
4,4'-DDE	0.800	0.961		ug/L		120	61 - 150
4,4'-DDE	0.800	0.877		ug/L		110	61 - 150
4,4'-DDT	0.800	1.01		ug/L		127	57 - 150
4,4'-DDT	0.800	0.923		ug/L		115	57 - 150

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1044360/2-A
Matrix: Water
Analysis Batch: 1044637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1044360

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aldrin			0.800	0.866		ug/L		108	57 - 147		
Aldrin			0.800	0.801		ug/L		100	57 - 147		
alpha-BHC			0.800	0.901		ug/L		113	57 - 150		
alpha-BHC			0.800	0.838		ug/L		105	57 - 150		
beta-BHC			0.800	0.850		ug/L		106	56 - 147		
beta-BHC			0.800	0.805		ug/L		101	56 - 147		
cis-Chlordane			0.800	0.928		ug/L		116	54 - 150		
cis-Chlordane			0.800	0.845		ug/L		106	54 - 150		
delta-BHC			0.800	0.890		ug/L		111	38 - 150		
delta-BHC			0.800	0.855		ug/L		107	38 - 150		
Dieldrin			0.800	0.938		ug/L		117	61 - 148		
Dieldrin			0.800	0.841		ug/L		105	61 - 148		
Endosulfan I			0.800	0.925		ug/L		116	60 - 150		
Endosulfan I			0.800	0.833		ug/L		104	60 - 150		
Endosulfan II			0.800	0.967		ug/L		121	63 - 150		
Endosulfan II			0.800	0.916		ug/L		115	63 - 150		
Endosulfan sulfate			0.800	0.913		ug/L		114	50 - 145		
Endosulfan sulfate			0.800	0.776		ug/L		97	50 - 145		
Endrin			0.800	0.918		ug/L		115	55 - 138		
Endrin			0.800	0.854		ug/L		107	55 - 138		
Endrin aldehyde			0.800	0.912		ug/L		114	60 - 133		
Endrin aldehyde			0.800	0.813		ug/L		102	60 - 133		
Endrin ketone			0.800	0.913		ug/L		114	56 - 150		
Endrin ketone			0.800	0.803		ug/L		100	56 - 150		
gamma-BHC (Lindane)			0.800	0.891		ug/L		111	59 - 150		
gamma-BHC (Lindane)			0.800	0.837		ug/L		105	59 - 150		
Heptachlor			0.800	0.896		ug/L		112	56 - 150		
Heptachlor			0.800	0.838		ug/L		105	56 - 150		
Heptachlor epoxide			0.800	0.915		ug/L		114	61 - 148		
Heptachlor epoxide			0.800	0.827		ug/L		103	61 - 148		
Methoxychlor			0.800	0.987		ug/L		123	58 - 150		
Methoxychlor			0.800	0.895		ug/L		112	58 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*76*		*10 - 131*
DCB Decachlorobiphenyl	*77*		*10 - 131*
Tetrachloro-m-xylene	*77*		*31 - 120*
Tetrachloro-m-xylene	*74*		*31 - 120*

Lab Sample ID: LCSD 460-1044360/3-A
Matrix: Water
Analysis Batch: 1044637

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1044360

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.800	0.961		ug/L		120	60 - 138	1	30
4,4'-DDD			0.800	0.957		ug/L		120	60 - 138	4	30
4,4'-DDE			0.800	0.977		ug/L		122	61 - 150	2	30
4,4'-DDE			0.800	0.913		ug/L		114	61 - 150	4	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1044360/3-A
Matrix: Water
Analysis Batch: 1044637

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1044360

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDT			0.800	1.02		ug/L		127	57 - 150	0	30
4,4'-DDT			0.800	0.955		ug/L		119	57 - 150	3	30
Aldrin			0.800	0.881		ug/L		110	57 - 147	2	30
Aldrin			0.800	0.837		ug/L		105	57 - 147	4	30
alpha-BHC			0.800	0.911		ug/L		114	57 - 150	1	30
alpha-BHC			0.800	0.872		ug/L		109	57 - 150	4	30
beta-BHC			0.800	0.862		ug/L		108	56 - 147	1	30
beta-BHC			0.800	0.832		ug/L		104	56 - 147	3	30
cis-Chlordane			0.800	0.944		ug/L		118	54 - 150	2	30
cis-Chlordane			0.800	0.882		ug/L		110	54 - 150	4	30
delta-BHC			0.800	0.900		ug/L		112	38 - 150	1	30
delta-BHC			0.800	0.886		ug/L		111	38 - 150	4	30
Dieldrin			0.800	0.947		ug/L		118	61 - 148	1	30
Dieldrin			0.800	0.878		ug/L		110	61 - 148	4	30
Endosulfan I			0.800	0.940		ug/L		118	60 - 150	2	30
Endosulfan I			0.800	0.870		ug/L		109	60 - 150	4	30
Endosulfan II			0.800	0.975		ug/L		122	63 - 150	1	30
Endosulfan II			0.800	0.958		ug/L		120	63 - 150	4	30
Endosulfan sulfate			0.800	0.924		ug/L		116	50 - 145	1	30
Endosulfan sulfate			0.800	0.809		ug/L		101	50 - 145	4	30
Endrin			0.800	0.918		ug/L		115	55 - 138	0	30
Endrin			0.800	0.891		ug/L		111	55 - 138	4	30
Endrin aldehyde			0.800	0.925		ug/L		116	60 - 133	1	30
Endrin aldehyde			0.800	0.854		ug/L		107	60 - 133	5	30
Endrin ketone			0.800	0.921		ug/L		115	56 - 150	1	30
Endrin ketone			0.800	0.838		ug/L		105	56 - 150	4	30
gamma-BHC (Lindane)			0.800	0.902		ug/L		113	59 - 150	1	30
gamma-BHC (Lindane)			0.800	0.869		ug/L		109	59 - 150	4	30
Heptachlor			0.800	0.907		ug/L		113	56 - 150	1	30
Heptachlor			0.800	0.873		ug/L		109	56 - 150	4	30
Heptachlor epoxide			0.800	0.931		ug/L		116	61 - 148	2	30
Heptachlor epoxide			0.800	0.862		ug/L		108	61 - 148	4	30
Methoxychlor			0.800	0.987		ug/L		123	58 - 150	0	30
Methoxychlor			0.800	0.925		ug/L		116	58 - 150	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*78*		*10 - 131*
DCB Decachlorobiphenyl	*84*		*10 - 131*
Tetrachloro-m-xylene	*79*		*31 - 120*
Tetrachloro-m-xylene	*78*		*31 - 120*

Lab Sample ID: MB 460-1044574/1-A
Matrix: Solid
Analysis Batch: 1044637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1044574

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		06/18/25 17:35	06/19/25 08:29	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1044574/1-A
Matrix: Solid
Analysis Batch: 1044637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1044574

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		06/18/25 17:35	06/19/25 08:29	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		06/18/25 17:35	06/19/25 08:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*98*		*10 - 150*	*06/18/25 17:35*	*06/19/25 08:29*	*1*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*06/18/25 17:35*	*06/19/25 08:29*	*1*
Tetrachloro-m-xylene	*83*		*14 - 150*	*06/18/25 17:35*	*06/19/25 08:29*	*1*
Tetrachloro-m-xylene	*88*		*14 - 150*	*06/18/25 17:35*	*06/19/25 08:29*	*1*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1044574/2-A
Matrix: Solid
Analysis Batch: 1044637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1044574

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			0.133	0.137		mg/Kg		102	71 - 134		
4,4'-DDD			0.133	0.141		mg/Kg		106	71 - 134		
4,4'-DDE			0.133	0.139		mg/Kg		105	71 - 137		
4,4'-DDE			0.133	0.139		mg/Kg		104	71 - 137		
4,4'-DDT			0.133	0.150		mg/Kg		112	69 - 140		
4,4'-DDT			0.133	0.145		mg/Kg		109	69 - 140		
Aldrin			0.133	0.127		mg/Kg		95	68 - 136		
Aldrin			0.133	0.130		mg/Kg		98	68 - 136		
alpha-BHC			0.133	0.130		mg/Kg		98	71 - 136		
alpha-BHC			0.133	0.135		mg/Kg		101	71 - 136		
beta-BHC			0.133	0.123		mg/Kg		92	67 - 133		
beta-BHC			0.133	0.125		mg/Kg		94	67 - 133		
cis-Chlordane			0.133	0.136		mg/Kg		102	70 - 140		
cis-Chlordane			0.133	0.134		mg/Kg		101	70 - 140		
delta-BHC			0.133	0.125		mg/Kg		94	70 - 135		
delta-BHC			0.133	0.133		mg/Kg		100	70 - 135		
Dieldrin			0.133	0.134		mg/Kg		101	71 - 135		
Dieldrin			0.133	0.132		mg/Kg		99	71 - 135		
Endosulfan I			0.133	0.135		mg/Kg		101	70 - 141		
Endosulfan I			0.133	0.132		mg/Kg		99	70 - 141		
Endosulfan II			0.133	0.139		mg/Kg		104	75 - 141		
Endosulfan II			0.133	0.139		mg/Kg		105	75 - 141		
Endosulfan sulfate			0.133	0.131		mg/Kg		98	67 - 130		
Endosulfan sulfate			0.133	0.121		mg/Kg		91	67 - 130		
Endrin			0.133	0.132		mg/Kg		99	66 - 143		
Endrin			0.133	0.134		mg/Kg		100	66 - 143		
Endrin aldehyde			0.133	0.131		mg/Kg		98	70 - 132		
Endrin aldehyde			0.133	0.126		mg/Kg		94	70 - 132		
Endrin ketone			0.133	0.131		mg/Kg		98	66 - 137		
Endrin ketone			0.133	0.124		mg/Kg		93	66 - 137		
gamma-BHC (Lindane)			0.133	0.128		mg/Kg		96	71 - 137		
gamma-BHC (Lindane)			0.133	0.132		mg/Kg		99	71 - 137		
Heptachlor			0.133	0.132		mg/Kg		99	70 - 140		
Heptachlor			0.133	0.136		mg/Kg		102	70 - 140		
Heptachlor epoxide			0.133	0.131		mg/Kg		98	70 - 135		
Heptachlor epoxide			0.133	0.132		mg/Kg		99	70 - 135		
Methoxychlor			0.133	0.149		mg/Kg		112	63 - 138		
Methoxychlor			0.133	0.145		mg/Kg		109	63 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*91*		*10 - 150*
DCB Decachlorobiphenyl	*97*		*10 - 150*
Tetrachloro-m-xylene	*72*		*14 - 150*
Tetrachloro-m-xylene	*81*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1044574/3-A
Matrix: Solid
Analysis Batch: 1044637

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1044574

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.141		mg/Kg		106	71 - 134	3	30
4,4'-DDD			0.133	0.142		mg/Kg		107	71 - 134	1	30
4,4'-DDE			0.133	0.146		mg/Kg		109	71 - 137	4	30
4,4'-DDE			0.133	0.140		mg/Kg		105	71 - 137	0	30
4,4'-DDT			0.133	0.149		mg/Kg		112	69 - 140	0	30
4,4'-DDT			0.133	0.145		mg/Kg		108	69 - 140	1	30
Aldrin			0.133	0.137		mg/Kg		103	68 - 136	7	30
Aldrin			0.133	0.134		mg/Kg		100	68 - 136	3	30
alpha-BHC			0.133	0.141		mg/Kg		106	71 - 136	8	30
alpha-BHC			0.133	0.139		mg/Kg		104	71 - 136	3	30
beta-BHC			0.133	0.134		mg/Kg		100	67 - 133	8	30
beta-BHC			0.133	0.135		mg/Kg		101	67 - 133	8	30
cis-Chlordane			0.133	0.144		mg/Kg		108	70 - 140	5	30
cis-Chlordane			0.133	0.139		mg/Kg		104	70 - 140	3	30
delta-BHC			0.133	0.134		mg/Kg		100	70 - 135	7	30
delta-BHC			0.133	0.135		mg/Kg		101	70 - 135	1	30
Dieldrin			0.133	0.141		mg/Kg		105	71 - 135	5	30
Dieldrin			0.133	0.136		mg/Kg		102	71 - 135	3	30
Endosulfan I			0.133	0.142		mg/Kg		107	70 - 141	5	30
Endosulfan I			0.133	0.139		mg/Kg		104	70 - 141	5	30
Endosulfan II			0.133	0.146		mg/Kg		109	75 - 141	5	30
Endosulfan II			0.133	0.147		mg/Kg		110	75 - 141	5	30
Endosulfan sulfate			0.133	0.135		mg/Kg		101	67 - 130	4	30
Endosulfan sulfate			0.133	0.125		mg/Kg		94	67 - 130	4	30
Endrin			0.133	0.137		mg/Kg		103	66 - 143	4	30
Endrin			0.133	0.137		mg/Kg		102	66 - 143	2	30
Endrin aldehyde			0.133	0.137		mg/Kg		103	70 - 132	4	30
Endrin aldehyde			0.133	0.130		mg/Kg		97	70 - 132	3	30
Endrin ketone			0.133	0.135		mg/Kg		101	66 - 137	3	30
Endrin ketone			0.133	0.128		mg/Kg		96	66 - 137	3	30
gamma-BHC (Lindane)			0.133	0.139		mg/Kg		104	71 - 137	8	30
gamma-BHC (Lindane)			0.133	0.138		mg/Kg		103	71 - 137	4	30
Heptachlor			0.133	0.141		mg/Kg		106	70 - 140	7	30
Heptachlor			0.133	0.137		mg/Kg		103	70 - 140	1	30
Heptachlor epoxide			0.133	0.140		mg/Kg		105	70 - 135	6	30
Heptachlor epoxide			0.133	0.135		mg/Kg		102	70 - 135	3	30
Methoxychlor			0.133	0.145		mg/Kg		109	63 - 138	3	30
Methoxychlor			0.133	0.140		mg/Kg		105	63 - 138	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*96*		*10 - 150*
DCB Decachlorobiphenyl	*105*		*10 - 150*
Tetrachloro-m-xylene	*80*		*14 - 150*
Tetrachloro-m-xylene	*88*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-328732-3 MS
Matrix: Solid
Analysis Batch: 1044637

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1044574

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0068	U	0.135	0.156		mg/Kg	☼	116	71 - 134
4,4'-DDD	0.0068	U	0.135	0.157		mg/Kg	☼	116	71 - 134
4,4'-DDE	0.0068	U	0.135	0.159		mg/Kg	☼	118	71 - 137
4,4'-DDE	0.0068	U	0.135	0.155		mg/Kg	☼	115	71 - 137
4,4'-DDT	0.0068	U	0.135	0.170		mg/Kg	☼	126	69 - 140
4,4'-DDT	0.0068	U	0.135	0.160		mg/Kg	☼	118	69 - 140
Aldrin	0.0068	U	0.135	0.151		mg/Kg	☼	112	68 - 136
Aldrin	0.0068	U	0.135	0.145		mg/Kg	☼	108	68 - 136
alpha-BHC	0.0020	U	0.135	0.157		mg/Kg	☼	117	71 - 136
alpha-BHC	0.0020	U	0.135	0.152		mg/Kg	☼	113	71 - 136
beta-BHC	0.0020	U	0.135	0.144		mg/Kg	☼	107	67 - 133
beta-BHC	0.0020	U	0.135	0.143		mg/Kg	☼	106	67 - 133
cis-Chlordane	0.0068	U	0.135	0.156		mg/Kg	☼	115	70 - 140
cis-Chlordane	0.0068	U	0.135	0.149		mg/Kg	☼	111	70 - 140
delta-BHC	0.0020	U	0.135	0.147		mg/Kg	☼	109	70 - 135
delta-BHC	0.0020	U	0.135	0.147		mg/Kg	☼	109	70 - 135
Dieldrin	0.0020	U	0.135	0.154		mg/Kg	☼	114	71 - 135
Dieldrin	0.0020	U	0.135	0.146		mg/Kg	☼	108	71 - 135
Endosulfan I	0.0068	U	0.135	0.154		mg/Kg	☼	114	70 - 141
Endosulfan I	0.0068	U	0.135	0.144		mg/Kg	☼	107	70 - 141
Endosulfan II	0.0068	U	0.135	0.156		mg/Kg	☼	116	75 - 141
Endosulfan II	0.0068	U	0.135	0.153		mg/Kg	☼	113	75 - 141
Endosulfan sulfate	0.0068	U	0.135	0.146		mg/Kg	☼	108	67 - 130
Endosulfan sulfate	0.0068	U	0.135	0.128		mg/Kg	☼	95	67 - 130
Endrin	0.0068	U	0.135	0.150		mg/Kg	☼	111	66 - 143
Endrin	0.0068	U	0.135	0.148		mg/Kg	☼	110	66 - 143
Endrin aldehyde	0.0068	U	0.135	0.150		mg/Kg	☼	111	70 - 132
Endrin aldehyde	0.0068	U	0.135	0.138		mg/Kg	☼	103	70 - 132
Endrin ketone	0.0068	U	0.135	0.146		mg/Kg	☼	109	66 - 137
Endrin ketone	0.0068	U	0.135	0.133		mg/Kg	☼	99	66 - 137
gamma-BHC (Lindane)	0.0020	U	0.135	0.154		mg/Kg	☼	114	71 - 137
gamma-BHC (Lindane)	0.0020	U	0.135	0.150		mg/Kg	☼	111	71 - 137
Heptachlor	0.0068	U	0.135	0.153		mg/Kg	☼	114	70 - 140
Heptachlor	0.0068	U	0.135	0.149		mg/Kg	☼	111	70 - 140
Heptachlor epoxide	0.0068	U	0.135	0.155		mg/Kg	☼	115	70 - 135
Heptachlor epoxide	0.0068	U	0.135	0.146		mg/Kg	☼	108	70 - 135
Methoxychlor	0.0068	U	0.135	0.173		mg/Kg	☼	128	63 - 138
Methoxychlor	0.0068	U	0.135	0.164		mg/Kg	☼	121	63 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*90*		*10 - 150*
DCB Decachlorobiphenyl	*101*		*10 - 150*
Tetrachloro-m-xylene	*88*		*14 - 150*
Tetrachloro-m-xylene	*96*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-328732-3 MSD
Matrix: Solid
Analysis Batch: 1044637

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1044574

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0068	U	0.135	0.127		mg/Kg	☼	94	71 - 134	21	30
4,4'-DDD	0.0068	U	0.135	0.127		mg/Kg	☼	95	71 - 134	21	30
4,4'-DDE	0.0068	U	0.135	0.129		mg/Kg	☼	96	71 - 137	21	30
4,4'-DDE	0.0068	U	0.135	0.126		mg/Kg	☼	93	71 - 137	21	30
4,4'-DDT	0.0068	U	0.135	0.138		mg/Kg	☼	103	69 - 140	20	30
4,4'-DDT	0.0068	U	0.135	0.129		mg/Kg	☼	96	69 - 140	21	30
Aldrin	0.0068	U	0.135	0.123		mg/Kg	☼	91	68 - 136	21	30
Aldrin	0.0068	U	0.135	0.117		mg/Kg	☼	87	68 - 136	21	30
alpha-BHC	0.0020	U	0.135	0.128		mg/Kg	☼	95	71 - 136	20	30
alpha-BHC	0.0020	U	0.135	0.122		mg/Kg	☼	91	71 - 136	22	30
beta-BHC	0.0020	U	0.135	0.118		mg/Kg	☼	88	67 - 133	20	30
beta-BHC	0.0020	U	0.135	0.115		mg/Kg	☼	86	67 - 133	21	30
cis-Chlordane	0.0068	U	0.135	0.127		mg/Kg	☼	94	70 - 140	20	30
cis-Chlordane	0.0068	U	0.135	0.121		mg/Kg	☼	90	70 - 140	21	30
delta-BHC	0.0020	U	0.135	0.120		mg/Kg	☼	89	70 - 135	21	30
delta-BHC	0.0020	U	0.135	0.118		mg/Kg	☼	88	70 - 135	21	30
Dieldrin	0.0020	U	0.135	0.125		mg/Kg	☼	93	71 - 135	21	30
Dieldrin	0.0020	U	0.135	0.117		mg/Kg	☼	87	71 - 135	21	30
Endosulfan I	0.0068	U	0.135	0.125		mg/Kg	☼	93	70 - 141	20	30
Endosulfan I	0.0068	U	0.135	0.117		mg/Kg	☼	86	70 - 141	21	30
Endosulfan II	0.0068	U	0.135	0.127		mg/Kg	☼	94	75 - 141	20	30
Endosulfan II	0.0068	U	0.135	0.124		mg/Kg	☼	92	75 - 141	21	30
Endosulfan sulfate	0.0068	U	0.135	0.119		mg/Kg	☼	88	67 - 130	20	30
Endosulfan sulfate	0.0068	U	0.135	0.104		mg/Kg	☼	77	67 - 130	21	30
Endrin	0.0068	U	0.135	0.122		mg/Kg	☼	90	66 - 143	21	30
Endrin	0.0068	U	0.135	0.120		mg/Kg	☼	89	66 - 143	21	30
Endrin aldehyde	0.0068	U	0.135	0.122		mg/Kg	☼	91	70 - 132	20	30
Endrin aldehyde	0.0068	U	0.135	0.112		mg/Kg	☼	83	70 - 132	21	30
Endrin ketone	0.0068	U	0.135	0.120		mg/Kg	☼	89	66 - 137	20	30
Endrin ketone	0.0068	U	0.135	0.108		mg/Kg	☼	80	66 - 137	21	30
gamma-BHC (Lindane)	0.0020	U	0.135	0.125		mg/Kg	☼	93	71 - 137	20	30
gamma-BHC (Lindane)	0.0020	U	0.135	0.121		mg/Kg	☼	90	71 - 137	21	30
Heptachlor	0.0068	U	0.135	0.125		mg/Kg	☼	93	70 - 140	20	30
Heptachlor	0.0068	U	0.135	0.121		mg/Kg	☼	90	70 - 140	21	30
Heptachlor epoxide	0.0068	U	0.135	0.127		mg/Kg	☼	94	70 - 135	20	30
Heptachlor epoxide	0.0068	U	0.135	0.118		mg/Kg	☼	88	70 - 135	21	30
Methoxychlor	0.0068	U	0.135	0.143		mg/Kg	☼	106	63 - 138	19	30
Methoxychlor	0.0068	U	0.135	0.133		mg/Kg	☼	99	63 - 138	21	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*72*		*10 - 150*
DCB Decachlorobiphenyl	*81*		*10 - 150*
Tetrachloro-m-xylene	*71*		*14 - 150*
Tetrachloro-m-xylene	*78*		*14 - 150*

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

Lab Sample ID: MB 460-1044363/1-A
Matrix: Water
Analysis Batch: 1044979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1044363

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.20	U	0.20	0.12	ug/L		06/18/25 06:53	06/20/25 17:49	1
Aroclor 1016	0.20	U	0.20	0.12	ug/L		06/18/25 06:53	06/20/25 17:49	1
Aroclor 1221	0.20	U	0.20	0.12	ug/L		06/18/25 06:53	06/20/25 17:49	1
Aroclor 1221	0.20	U	0.20	0.12	ug/L		06/18/25 06:53	06/20/25 17:49	1
Aroclor 1232	0.20	U	0.20	0.12	ug/L		06/18/25 06:53	06/20/25 17:49	1
Aroclor 1232	0.20	U	0.20	0.12	ug/L		06/18/25 06:53	06/20/25 17:49	1
Aroclor 1242	0.20	U	0.20	0.12	ug/L		06/18/25 06:53	06/20/25 17:49	1
Aroclor 1242	0.20	U	0.20	0.12	ug/L		06/18/25 06:53	06/20/25 17:49	1
Aroclor 1248	0.20	U	0.20	0.12	ug/L		06/18/25 06:53	06/20/25 17:49	1
Aroclor 1248	0.20	U	0.20	0.12	ug/L		06/18/25 06:53	06/20/25 17:49	1
Aroclor 1254	0.20	U	0.20	0.11	ug/L		06/18/25 06:53	06/20/25 17:49	1
Aroclor 1254	0.20	U	0.20	0.11	ug/L		06/18/25 06:53	06/20/25 17:49	1
Aroclor 1260	0.20	U	0.20	0.11	ug/L		06/18/25 06:53	06/20/25 17:49	1
Aroclor 1260	0.20	U	0.20	0.11	ug/L		06/18/25 06:53	06/20/25 17:49	1
Aroclor-1262	0.20	U	0.20	0.11	ug/L		06/18/25 06:53	06/20/25 17:49	1
Aroclor-1262	0.20	U	0.20	0.11	ug/L		06/18/25 06:53	06/20/25 17:49	1
Aroclor 1268	0.20	U	0.20	0.11	ug/L		06/18/25 06:53	06/20/25 17:49	1
Aroclor 1268	0.20	U	0.20	0.11	ug/L		06/18/25 06:53	06/20/25 17:49	1
Polychlorinated biphenyls, Total	0.20	U	0.20	0.12	ug/L		06/18/25 06:53	06/20/25 17:49	1
Polychlorinated biphenyls, Total	0.20	U	0.20	0.12	ug/L		06/18/25 06:53	06/20/25 17:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*10 - 127*	*06/18/25 06:53*	*06/20/25 17:49*	*1*
DCB Decachlorobiphenyl	*77*		*10 - 127*	*06/18/25 06:53*	*06/20/25 17:49*	*1*
Tetrachloro-m-xylene	*70*		*21 - 139*	*06/18/25 06:53*	*06/20/25 17:49*	*1*
Tetrachloro-m-xylene	*64*		*21 - 139*	*06/18/25 06:53*	*06/20/25 17:49*	*1*

Lab Sample ID: LCS 460-1044363/2-A
Matrix: Water
Analysis Batch: 1044979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1044363

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	4.00	4.53		ug/L		113	52 - 139
Aroclor 1016	4.00	3.93		ug/L		98	52 - 139
Aroclor 1260	4.00	4.85		ug/L		121	51 - 150
Aroclor 1260	4.00	4.66		ug/L		117	51 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*113*		*10 - 127*
DCB Decachlorobiphenyl	*118*		*10 - 127*
Tetrachloro-m-xylene	*100*		*21 - 139*
Tetrachloro-m-xylene	*98*		*21 - 139*

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

Lab Sample ID: LCSD 460-1044363/3-A
Matrix: Water
Analysis Batch: 1044979

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1044363

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			4.00	4.21		ug/L		105	52 - 139	7	30
Aroclor 1016			4.00	3.69		ug/L		92	52 - 139	6	30
Aroclor 1260			4.00	4.59		ug/L		115	51 - 150	6	30
Aroclor 1260			4.00	4.25		ug/L		106	51 - 150	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*108*		*10 - 127*
DCB Decachlorobiphenyl	*112*		*10 - 127*
Tetrachloro-m-xylene	*94*		*21 - 139*
Tetrachloro-m-xylene	*92*		*21 - 139*

Lab Sample ID: MB 460-1044567/1-A
Matrix: Solid
Analysis Batch: 1044816

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1044567

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		06/18/25 17:27	06/19/25 16:00	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		06/18/25 17:27	06/19/25 16:00	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		06/18/25 17:27	06/19/25 16:00	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		06/18/25 17:27	06/19/25 16:00	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		06/18/25 17:27	06/19/25 16:00	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		06/18/25 17:27	06/19/25 16:00	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		06/18/25 17:27	06/19/25 16:00	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		06/18/25 17:27	06/19/25 16:00	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		06/18/25 17:27	06/19/25 16:00	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		06/18/25 17:27	06/19/25 16:00	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		06/18/25 17:27	06/19/25 16:00	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		06/18/25 17:27	06/19/25 16:00	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		06/18/25 17:27	06/19/25 16:00	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		06/18/25 17:27	06/19/25 16:00	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		06/18/25 17:27	06/19/25 16:00	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		06/18/25 17:27	06/19/25 16:00	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		06/18/25 17:27	06/19/25 16:00	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		06/18/25 17:27	06/19/25 16:00	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		06/18/25 17:27	06/19/25 16:00	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		06/18/25 17:27	06/19/25 16:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*132*		*10 - 150*	*06/18/25 17:27*	*06/19/25 16:00*	*1*
DCB Decachlorobiphenyl	*145*		*10 - 150*	*06/18/25 17:27*	*06/19/25 16:00*	*1*
Tetrachloro-m-xylene	*109*		*10 - 150*	*06/18/25 17:27*	*06/19/25 16:00*	*1*
Tetrachloro-m-xylene	*121*		*10 - 150*	*06/18/25 17:27*	*06/19/25 16:00*	*1*

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

Lab Sample ID: LCS 460-1044567/2-A
Matrix: Solid
Analysis Batch: 1044816

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1044567

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016			0.333	0.452		mg/Kg		136	59 - 149		
Aroclor 1016			0.333	0.413		mg/Kg		124	59 - 149		
Aroclor 1260			0.333	0.460		mg/Kg		138	62 - 145		
Aroclor 1260			0.333	0.450		mg/Kg		135	62 - 145		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*132*		*10 - 150*
DCB Decachlorobiphenyl	*144*		*10 - 150*
Tetrachloro-m-xylene	*108*		*10 - 150*
Tetrachloro-m-xylene	*121*		*10 - 150*

Lab Sample ID: LCSD 460-1044567/3-A
Matrix: Solid
Analysis Batch: 1044816

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1044567

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.413		mg/Kg		124	59 - 149	9	30
Aroclor 1016			0.333	0.394		mg/Kg		118	59 - 149	5	30
Aroclor 1260			0.333	0.442		mg/Kg		133	62 - 145	4	30
Aroclor 1260			0.333	0.436		mg/Kg		131	62 - 145	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*124*		*10 - 150*
DCB Decachlorobiphenyl	*136*		*10 - 150*
Tetrachloro-m-xylene	*100*		*10 - 150*
Tetrachloro-m-xylene	*112*		*10 - 150*

Lab Sample ID: 460-328732-3 MS
Matrix: Solid
Analysis Batch: 1044816

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1044567

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016	0.068	U	0.337	0.530	*	mg/Kg	☼	157	59 - 149		
Aroclor 1016	0.068	U	0.337	0.514	*	mg/Kg	☼	153	59 - 149		
Aroclor 1260	0.068	U	0.337	0.576	*	mg/Kg	☼	171	62 - 145		
Aroclor 1260	0.068	U	0.337	0.544	*	mg/Kg	☼	161	62 - 145		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*159*	*	*10 - 150*
DCB Decachlorobiphenyl	*169*	*	*10 - 150*
Tetrachloro-m-xylene	*129*		*10 - 150*
Tetrachloro-m-xylene	*139*		*10 - 150*

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

Lab Sample ID: 460-328732-3 MSD
Matrix: Solid
Analysis Batch: 1044816

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1044567

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.068	U	0.337	0.516	*	mg/Kg	☼	153	59 - 149	3	30
Aroclor 1016	0.068	U	0.337	0.516	*	mg/Kg	☼	153	59 - 149	0	30
Aroclor 1260	0.068	U	0.337	0.552	*	mg/Kg	☼	164	62 - 145	4	30
Aroclor 1260	0.068	U	0.337	0.530	*	mg/Kg	☼	157	62 - 145	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*163*	*	*10 - 150*
DCB Decachlorobiphenyl	*180*	*	*10 - 150*
Tetrachloro-m-xylene	*133*		*10 - 150*
Tetrachloro-m-xylene	*147*		*10 - 150*

Method: 8151A - Herbicides (GC)

Lab Sample ID: LB 460-1044291/1-B
Matrix: Water
Analysis Batch: 1044535

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1044430

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	33	U	33	3.3	ug/L		06/18/25 09:13	06/19/25 08:49	1
2,4-D	33	U	33	3.6	ug/L		06/18/25 09:13	06/19/25 08:49	1
Silvex (2,4,5-TP)	33	U	33	3.1	ug/L		06/18/25 09:13	06/19/25 08:49	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*71*		*10 - 150*	*06/18/25 09:13*	*06/19/25 08:49*	*1*
2,4-Dichlorophenylacetic acid	*68*		*10 - 150*	*06/18/25 09:13*	*06/19/25 08:49*	*1*

Lab Sample ID: MB 460-1044430/1-A
Matrix: Water
Analysis Batch: 1044535

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1044430

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	33	U	33	3.3	ug/L		06/18/25 09:13	06/19/25 08:30	1
2,4,5-T	33	U	33	3.3	ug/L		06/18/25 09:13	06/19/25 08:30	1
2,4-D	33	U	33	3.6	ug/L		06/18/25 09:13	06/19/25 08:30	1
2,4-D	33	U	33	3.6	ug/L		06/18/25 09:13	06/19/25 08:30	1
Silvex (2,4,5-TP)	33	U	33	3.1	ug/L		06/18/25 09:13	06/19/25 08:30	1
Silvex (2,4,5-TP)	33	U	33	3.1	ug/L		06/18/25 09:13	06/19/25 08:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*75*		*10 - 150*	*06/18/25 09:13*	*06/19/25 08:30*	*1*
2,4-Dichlorophenylacetic acid	*72*		*10 - 150*	*06/18/25 09:13*	*06/19/25 08:30*	*1*

Lab Sample ID: LCSD 460-1044430/3-A
Matrix: Water
Analysis Batch: 1044535

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1044430

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T			33.3	35.8		ug/L		107	10 - 150	4	30

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCSD 460-1044430/3-A
Matrix: Water
Analysis Batch: 1044535

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1044430

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T			33.3	42.9		ug/L		129	10 - 150	6	30
2,4-D			133	111		ug/L		83	10 - 150	5	30
2,4-D			133	108		ug/L		81	10 - 150	6	30
Silvex (2,4,5-TP)			33.3	29.5	J	ug/L		88	10 - 150	2	30
Silvex (2,4,5-TP)			33.3	32.8	J	ug/L		98	10 - 150	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*74*		*10 - 150*
2,4-Dichlorophenylacetic acid	*73*		*10 - 150*

Lab Sample ID: MB 460-1044619/1-A
Matrix: Water
Analysis Batch: 1044535

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1044619

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	1.2	U	1.2	0.12	ug/L		06/18/25 22:23	06/19/25 10:44	1
2,4,5-T	1.2	U	1.2	0.12	ug/L		06/18/25 22:23	06/19/25 10:44	1
2,4-D	1.2	U	1.2	0.13	ug/L		06/18/25 22:23	06/19/25 10:44	1
2,4-D	1.2	U	1.2	0.13	ug/L		06/18/25 22:23	06/19/25 10:44	1
Silvex (2,4,5-TP)	1.2	U	1.2	0.11	ug/L		06/18/25 22:23	06/19/25 10:44	1
Silvex (2,4,5-TP)	1.2	U	1.2	0.11	ug/L		06/18/25 22:23	06/19/25 10:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*54*		*10 - 150*	*06/18/25 22:23*	*06/19/25 10:44*	*1*
2,4-Dichlorophenylacetic acid	*52*		*10 - 150*	*06/18/25 22:23*	*06/19/25 10:44*	*1*

Lab Sample ID: LCS 460-1044619/2-A
Matrix: Water
Analysis Batch: 1044535

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1044619

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T			2.00	1.48		ug/L		74	10 - 150
2,4,5-T			2.00	1.80		ug/L		90	10 - 150
2,4-D			8.00	4.96		ug/L		62	10 - 150
2,4-D			8.00	4.79		ug/L		60	10 - 150
Silvex (2,4,5-TP)			2.00	1.77		ug/L		88	10 - 150
Silvex (2,4,5-TP)			2.00	1.96		ug/L		98	10 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*69*		*10 - 150*
2,4-Dichlorophenylacetic acid	*66*		*10 - 150*

Lab Sample ID: LCSD 460-1044619/3-A
Matrix: Water
Analysis Batch: 1044535

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1044619

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T			2.00	1.48		ug/L		74	10 - 150	0	30

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCSD 460-1044619/3-A
Matrix: Water
Analysis Batch: 1044535

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1044619

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T			2.00	1.77		ug/L		88	10 - 150	2	30
2,4-D			8.00	4.95		ug/L		62	10 - 150	0	30
2,4-D			8.00	4.75		ug/L		59	10 - 150	1	30
Silvex (2,4,5-TP)			2.00	1.76		ug/L		88	10 - 150	0	30
Silvex (2,4,5-TP)			2.00	1.93		ug/L		96	10 - 150	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*68*		*10 - 150*
2,4-Dichlorophenylacetic acid	*66*		*10 - 150*

Lab Sample ID: MB 460-1044665/1-A
Matrix: Solid
Analysis Batch: 1045093

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1044665

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg		06/19/25 05:48	06/21/25 09:16	1
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg		06/19/25 05:48	06/21/25 09:16	1
2,4-D	0.033	U	0.033	0.012	mg/Kg		06/19/25 05:48	06/21/25 09:16	1
2,4-D	0.033	U	0.033	0.012	mg/Kg		06/19/25 05:48	06/21/25 09:16	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg		06/19/25 05:48	06/21/25 09:16	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg		06/19/25 05:48	06/21/25 09:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*111*		*38 - 150*	*06/19/25 05:48*	*06/21/25 09:16*	*1*
2,4-Dichlorophenylacetic acid	*107*		*38 - 150*	*06/19/25 05:48*	*06/21/25 09:16*	*1*

Lab Sample ID: LCS 460-1044665/2-A
Matrix: Solid
Analysis Batch: 1045093

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1044665

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T			0.0417	0.0338		mg/Kg		81	10 - 150
2,4,5-T			0.0417	0.0424		mg/Kg		102	10 - 150
2,4-D			0.167	0.133		mg/Kg		80	10 - 150
2,4-D			0.167	0.129		mg/Kg		78	10 - 150
Silvex (2,4,5-TP)			0.0417	0.0349		mg/Kg		84	22 - 150
Silvex (2,4,5-TP)			0.0417	0.0396		mg/Kg		95	22 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*109*		*38 - 150*
2,4-Dichlorophenylacetic acid	*105*		*38 - 150*

Lab Sample ID: LCSD 460-1044665/3-A
Matrix: Solid
Analysis Batch: 1045093

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1044665

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T			0.0417	0.0387		mg/Kg		93	10 - 150	14	30

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCSD 460-1044665/3-A
Matrix: Solid
Analysis Batch: 1045093

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1044665

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T			0.0417	0.0483		mg/Kg		116	10 - 150	NaN	30
2,4-D			0.167	0.152		mg/Kg		91	10 - 150	13	30
2,4-D			0.167	0.153		mg/Kg		92	10 - 150	NaN	30
Silvex (2,4,5-TP)			0.0417	0.0403		mg/Kg		97	22 - 150	14	30
Silvex (2,4,5-TP)			0.0417	0.0445		mg/Kg		107	22 - 150	NaN	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*125*		*38 - 150*
2,4-Dichlorophenylacetic acid	*120*		*38 - 150*

Lab Sample ID: 460-328732-3 MS
Matrix: Solid
Analysis Batch: 1045093

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1044665

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	0.034	U	0.0420	0.034	U *	mg/Kg	☼	0	10 - 150
2,4,5-T	0.034	U	0.0420	0.034	U *	mg/Kg	☼	0	10 - 150
2,4-D	0.034	U	0.168	0.034	U *	mg/Kg	☼	0	10 - 150
2,4-D	0.034	U	0.168	0.034	U *	mg/Kg	☼	0	10 - 150
Silvex (2,4,5-TP)	0.034	U	0.0420	0.034	U *	mg/Kg	☼	0	22 - 150
Silvex (2,4,5-TP)	0.034	U	0.0420	0.034	U *	mg/Kg	☼	0	22 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*1170*	*	*38 - 150*
2,4-Dichlorophenylacetic acid	*173*	*	*38 - 150*

Lab Sample ID: 460-328732-3 MSD
Matrix: Solid
Analysis Batch: 1045093

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1044665

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T	0.034	U	0.0421	0.034	U *	mg/Kg	☼	0	10 - 150	NC	30
2,4,5-T	0.034	U	0.0421	0.034	U *	mg/Kg	☼	0	10 - 150	NC	30
2,4-D	0.034	U	0.168	0.034	U *	mg/Kg	☼	0	10 - 150	NC	30
2,4-D	0.034	U	0.168	0.034	U *	mg/Kg	☼	0	10 - 150	NC	30
Silvex (2,4,5-TP)	0.034	U	0.0421	0.034	U *	mg/Kg	☼	0	22 - 150	NC	30
Silvex (2,4,5-TP)	0.034	U	0.0421	0.034	U *	mg/Kg	☼	0	22 - 150	NC	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*1426*	*	*38 - 150*
2,4-Dichlorophenylacetic acid	*154*	*	*38 - 150*

Lab Sample ID: 460-328180-A-1-H MS
Matrix: Water
Analysis Batch: 1044535

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 1044619

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	33	U	33.3	36.8		ug/L		110	10 - 150

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: 460-328180-A-1-H MS
Matrix: Water
Analysis Batch: 1044535

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 1044619

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	33	U	33.3	43.5		ug/L		131	10 - 150
2,4-D	33	U	133	145		ug/L		109	10 - 150
2,4-D	33	U	133	142		ug/L		106	10 - 150
Silvex (2,4,5-TP)	33	U	33.3	39.0		ug/L		117	10 - 150
Silvex (2,4,5-TP)	33	U	33.3	43.5		ug/L		130	10 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*215*	*	*10 - 150*
2,4-Dichlorophenylacetic acid	*115*		*10 - 150*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1045188/1-A
Matrix: Solid
Analysis Batch: 1045317

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045188

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		06/20/25 19:05	06/21/25 16:55	1
Antimony	1.0	U	1.0	0.15	mg/Kg		06/20/25 19:05	06/21/25 16:55	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		06/20/25 19:05	06/21/25 16:55	1
Barium	2.0	U	2.0	0.15	mg/Kg		06/20/25 19:05	06/21/25 16:55	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		06/20/25 19:05	06/21/25 16:55	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		06/20/25 19:05	06/21/25 16:55	1
Calcium	100	U	100	9.7	mg/Kg		06/20/25 19:05	06/21/25 16:55	1
Chromium	2.0	U	2.0	0.30	mg/Kg		06/20/25 19:05	06/21/25 16:55	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		06/20/25 19:05	06/21/25 16:55	1
Copper	2.0	U	2.0	0.37	mg/Kg		06/20/25 19:05	06/21/25 16:55	1
Iron	60.0	U	60.0	7.7	mg/Kg		06/20/25 19:05	06/21/25 16:55	1
Lead	0.60	U	0.60	0.20	mg/Kg		06/20/25 19:05	06/21/25 16:55	1
Magnesium	100	U	100	10.2	mg/Kg		06/20/25 19:05	06/21/25 16:55	1
Manganese	4.0	U	4.0	0.40	mg/Kg		06/20/25 19:05	06/21/25 16:55	1
Nickel	2.0	U	2.0	0.18	mg/Kg		06/20/25 19:05	06/21/25 16:55	1
Potassium	100	U	100	16.2	mg/Kg		06/20/25 19:05	06/21/25 16:55	1
Selenium	1.3	U	1.3	0.13	mg/Kg		06/20/25 19:05	06/21/25 16:55	1
Silver	0.40	U	0.40	0.089	mg/Kg		06/20/25 19:05	06/21/25 16:55	1
Sodium	100	U	100	45.7	mg/Kg		06/20/25 19:05	06/21/25 16:55	1
Thallium	0.40	U	0.40	0.041	mg/Kg		06/20/25 19:05	06/21/25 16:55	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		06/20/25 19:05	06/21/25 16:55	1
Zinc	8.0	U	8.0	1.1	mg/Kg		06/20/25 19:05	06/21/25 16:55	1

Lab Sample ID: LCSSRM 460-1045188/2-A ^3
Matrix: Solid
Analysis Batch: 1045317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045188

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	5845		mg/Kg		85.5	53.2 - 146.2
Antimony	131	73.31		mg/Kg		56.0	4.5 - 195.4

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

Lab Sample ID: LCSSRM 460-1045188/2-A ^3
Matrix: Solid
Analysis Batch: 1045317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045188

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	192	167.5		mg/Kg		87.2	81.3 - 118.8
Barium	219	183.6		mg/Kg		83.9	81.7 - 118.3
Beryllium	146	122.2		mg/Kg		83.7	82.2 - 117.8
Cadmium	114	94.27		mg/Kg		82.7	81.7 - 118.4
Calcium	4080	3641		mg/Kg		89.2	82.4 - 117.6
Chromium	153	130.7		mg/Kg		85.4	81.0 - 119.0
Cobalt	231	197.8		mg/Kg		85.6	83.1 - 117.3
Copper	91.2	78.22		mg/Kg		85.8	83.1 - 117.3
Iron	7020	6301		mg/Kg		89.8	60.7 - 139.2
Lead	141	120.7		mg/Kg		85.6	81.6 - 118.4
Magnesium	1900	1676		mg/Kg		88.2	76.3 - 123.7
Manganese	401	338.3		mg/Kg		84.4	80.8 - 119.0
Nickel	143	124.6		mg/Kg		87.1	81.8 - 118.9
Potassium	1760	1482		mg/Kg		84.2	72.2 - 127.8
Selenium	94.7	86.96		mg/Kg		91.8	78.5 - 121.4
Silver	77.0	66.31		mg/Kg		86.1	79.4 - 120.6
Sodium	661	599.9		mg/Kg		90.8	73.7 - 126.2
Thallium	183	160.8		mg/Kg		87.9	80.3 - 119.7
Vanadium	159	135.3		mg/Kg		85.1	78.6 - 122.0
Zinc	292	251.8		mg/Kg		86.2	79.8 - 120.2

Lab Sample ID: 460-328732-3 MS
Matrix: Solid
Analysis Batch: 1045317

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1045188

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6300		401	7217	4	mg/Kg	☼	228	75 - 125
Antimony	0.81		4.01	4.41		mg/Kg	☼	90	75 - 125
Arsenic	3.8		8.02	11.36		mg/Kg	☼	95	75 - 125
Barium	41.9		8.02	65.75	4	mg/Kg	☼	298	75 - 125
Beryllium	0.21	J	4.01	3.63	^	mg/Kg	☼	85	75 - 125
Cadmium	0.11	J	4.01	3.25		mg/Kg	☼	78	75 - 125
Calcium	41200		401	37990	4	mg/Kg	☼	-798	75 - 125
Chromium	18.6		8.02	26.42		mg/Kg	☼	97	75 - 125

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

Lab Sample ID: 460-328732-3 MS
Matrix: Solid
Analysis Batch: 1045317

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1045188

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	7.7		4.01	12.08		mg/Kg	☼	108	75 - 125
Copper	51.3		8.02	77.60	4	mg/Kg	☼	328	75 - 125
Iron	32300		401	41420	4	mg/Kg	☼	2281	75 - 125
Lead	60.7		4.01	166.3	4	mg/Kg	☼	2633	75 - 125
Magnesium	18000		401	16380	4	mg/Kg	☼	-394	75 - 125
Manganese	259		40.1	342.9	4	mg/Kg	☼	209	75 - 125
Nickel	13.7		8.02	26.01	N	mg/Kg	☼	154	75 - 125
Potassium	714		401	1103		mg/Kg	☼	97	75 - 125
Selenium	0.14	J	8.02	6.81		mg/Kg	☼	83	75 - 125
Silver	0.093	J	4.01	3.24	^	mg/Kg	☼	79	75 - 125
Sodium	724		401	1162		mg/Kg	☼	109	75 - 125
Thallium	0.053	J	3.21	2.69		mg/Kg	☼	82	75 - 125
Vanadium	50.4		8.02	60.84	4	mg/Kg	☼	131	75 - 125
Zinc	57.3		40.1	93.18		mg/Kg	☼	89	75 - 125

Lab Sample ID: 460-328732-3 MSD
Matrix: Solid
Analysis Batch: 1045317

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1045188

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	6300		392	6546	4	mg/Kg	☼	62	75 - 125	10	20
Antimony	0.81		3.92	4.42		mg/Kg	☼	92	75 - 125	0	20
Arsenic	3.8		7.83	9.96		mg/Kg	☼	79	75 - 125	13	20
Barium	41.9		7.83	61.80	4	mg/Kg	☼	255	75 - 125	6	20
Beryllium	0.21	J	3.92	3.73		mg/Kg	☼	90	75 - 125	3	20
Cadmium	0.11	J	3.92	3.37		mg/Kg	☼	83	75 - 125	4	20
Calcium	41200		392	45520	4	mg/Kg	☼	1106	75 - 125	18	20
Chromium	18.6		7.83	23.69	N	mg/Kg	☼	65	75 - 125	11	20
Cobalt	7.7		3.92	9.42	N	mg/Kg	☼	43	75 - 125	25	20
Copper	51.3		7.83	45.62	4 N	mg/Kg	☼	-73	75 - 125	52	20
Iron	32300		392	21760	4 N	mg/Kg	☼	-2686	75 - 125	62	20
Lead	60.7		3.92	95.23	4 N	mg/Kg	☼	881	75 - 125	54	20
Magnesium	18000		392	20590	4 N	mg/Kg	☼	671	75 - 125	23	20
Manganese	259		39.2	225.8	4 N	mg/Kg	☼	-85	75 - 125	41	20
Nickel	13.7		7.83	18.27	N	mg/Kg	☼	58	75 - 125	35	20
Potassium	714		392	1055		mg/Kg	☼	87	75 - 125	4	20
Selenium	0.14	J	7.83	6.74		mg/Kg	☼	84	75 - 125	1	20
Silver	0.093	J	3.92	3.27		mg/Kg	☼	81	75 - 125	1	20
Sodium	724		392	1071		mg/Kg	☼	88	75 - 125	8	20
Thallium	0.053	J	3.13	2.77		mg/Kg	☼	87	75 - 125	3	20
Vanadium	50.4		7.83	43.57	4 N	mg/Kg	☼	-87	75 - 125	33	20
Zinc	57.3		39.2	99.21		mg/Kg	☼	107	75 - 125	6	20

Lab Sample ID: 460-328732-3 DU
Matrix: Solid
Analysis Batch: 1045317

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1045188

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	6300		6215		mg/Kg	☼	1	20

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

Lab Sample ID: 460-328732-3 DU
Matrix: Solid
Analysis Batch: 1045317

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1045188

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Antimony	0.81			0.769	J	mg/Kg	☼			5	20
Arsenic	3.8			3.14		mg/Kg	☼			18	20
Barium	41.9			41.56		mg/Kg	☼			0.7	20
Beryllium	0.21	J		0.214	J	mg/Kg	☼			0.3	20
Cadmium	0.11	J		0.130	J	mg/Kg	☼			16	20
Calcium	41200			43570		mg/Kg	☼			6	20
Chromium	18.6			17.16		mg/Kg	☼			8	20
Cobalt	7.7			5.84	*	mg/Kg	☼			28	20
Copper	51.3			35.63	*	mg/Kg	☼			36	20
Iron	32300			22180	*	mg/Kg	☼			37	20
Lead	60.7			76.97	*	mg/Kg	☼			24	20
Magnesium	18000			18340		mg/Kg	☼			2	20
Manganese	259			222.1		mg/Kg	☼			15	20
Nickel	13.7			10.38	*	mg/Kg	☼			28	20
Potassium	714			784.0		mg/Kg	☼			9	20
Selenium	0.14	J		0.131	J	mg/Kg	☼			3	20
Silver	0.093	J		0.0911	J	mg/Kg	☼			2	20
Sodium	724			704.8		mg/Kg	☼			3	20
Thallium	0.053	J		0.0512	J	mg/Kg	☼			3	20
Vanadium	50.4			38.56	*	mg/Kg	☼			27	20
Zinc	57.3			56.07		mg/Kg	☼			2	20

Lab Sample ID: MB 460-1045336/1-A
Matrix: Water
Analysis Batch: 1045434

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 1045336

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	40.0	U	40.0	11.7	ug/L		06/21/25 21:30	06/22/25 19:05	1
Antimony	2.0	U	2.0	0.48	ug/L		06/21/25 21:30	06/22/25 19:05	1
Arsenic	2.0	U	2.0	1.2	ug/L		06/21/25 21:30	06/22/25 19:05	1
Barium	4.0	U	4.0	0.93	ug/L		06/21/25 21:30	06/22/25 19:05	1
Beryllium	0.80	U	0.80	0.12	ug/L		06/21/25 21:30	06/22/25 19:05	1
Cadmium	0.92	U	0.92	0.26	ug/L		06/21/25 21:30	06/22/25 19:05	1
Calcium	500	U	500	31.7	ug/L		06/21/25 21:30	06/22/25 19:05	1
Chromium	4.0	U	4.0	1.7	ug/L		06/21/25 21:30	06/22/25 19:05	1
Cobalt	2.0	U	2.0	0.18	ug/L		06/21/25 21:30	06/22/25 19:05	1
Copper	4.0	U	4.0	2.0	ug/L		06/21/25 21:30	06/22/25 19:05	1
Iron	120	U	120	33.7	ug/L		06/21/25 21:30	06/22/25 19:05	1
Lead	1.2	U	1.2	0.42	ug/L		06/21/25 21:30	06/22/25 19:05	1
Magnesium	200	U	200	21.8	ug/L		06/21/25 21:30	06/22/25 19:05	1
Manganese	1.35	J	8.0	0.84	ug/L		06/21/25 21:30	06/22/25 19:05	1
Nickel	4.0	U	4.0	1.4	ug/L		06/21/25 21:30	06/22/25 19:05	1
Potassium	200	U	200	114	ug/L		06/21/25 21:30	06/22/25 19:05	1
Selenium	2.5	U	2.5	0.43	ug/L		06/21/25 21:30	06/22/25 19:05	1
Silver	2.0	U	2.0	1.3	ug/L		06/21/25 21:30	06/22/25 19:05	1
Sodium	500	U	500	180	ug/L		06/21/25 21:30	06/22/25 19:05	1
Thallium	0.50	U	0.50	0.16	ug/L		06/21/25 21:30	06/22/25 19:05	1
Vanadium	4.0	U	4.0	1.0	ug/L		06/21/25 21:30	06/22/25 19:05	1
Zinc	16.0	U	16.0	4.2	ug/L		06/21/25 21:30	06/22/25 19:05	1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 460-1045336/2-A
Matrix: Water
Analysis Batch: 1045434

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1045336

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	2500	2639		ug/L		106	80 - 120
Antimony	25.0	24.85		ug/L		99	80 - 120
Arsenic	50.0	49.70		ug/L		99	80 - 120
Barium	50.0	51.55		ug/L		103	80 - 120
Beryllium	25.0	23.41		ug/L		94	80 - 120
Cadmium	25.0	23.93		ug/L		96	80 - 120
Calcium	2500	2595		ug/L		104	80 - 120
Chromium	50.0	50.85		ug/L		102	80 - 120
Cobalt	25.0	25.10		ug/L		100	80 - 120
Copper	50.0	50.21		ug/L		100	80 - 120
Iron	2500	2653		ug/L		106	80 - 120
Lead	25.0	24.44		ug/L		98	80 - 120
Magnesium	2500	2665		ug/L		107	80 - 120
Manganese	250	250.3		ug/L		100	80 - 120
Nickel	50.0	49.18		ug/L		98	80 - 120
Potassium	2500	2601		ug/L		104	80 - 120
Selenium	50.0	51.91		ug/L		104	80 - 120
Silver	25.0	25.27		ug/L		101	80 - 120
Sodium	2500	2604		ug/L		104	80 - 120
Thallium	20.0	19.41		ug/L		97	80 - 120
Vanadium	50.0	49.63		ug/L		99	80 - 120
Zinc	250	258.8		ug/L		104	80 - 120

Lab Sample ID: 460-327881-A-1-C MS
Matrix: Water
Analysis Batch: 1045434

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 1045336

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	30.9	J	2500	2665		ug/L		105	75 - 125
Antimony	2.0	U	25.0	25.17		ug/L		101	75 - 125
Arsenic	2.0	U	50.0	49.74		ug/L		99	75 - 125
Barium	42.4		50.0	94.42		ug/L		104	75 - 125
Beryllium	0.80	U	25.0	23.85		ug/L		95	75 - 125
Cadmium	0.92	U	25.0	24.37		ug/L		97	75 - 125
Calcium	25200		2500	27910	4	ug/L		110	75 - 125
Chromium	4.0	U	50.0	49.70		ug/L		99	75 - 125
Cobalt	2.0	U	25.0	25.35		ug/L		101	75 - 125
Copper	4.0	U	50.0	50.94		ug/L		102	75 - 125
Iron	120	U	2500	2675		ug/L		107	75 - 125
Lead	1.2	U	25.0	24.93		ug/L		100	75 - 125
Magnesium	8270		2500	10820		ug/L		102	75 - 125
Manganese	17.0	B	250	272.5		ug/L		102	75 - 125
Nickel	4.0	U	50.0	49.70		ug/L		99	75 - 125
Potassium	1980		2500	4522		ug/L		102	75 - 125
Selenium	2.5	U	50.0	51.94		ug/L		104	75 - 125
Silver	2.0	U	25.0	24.93		ug/L		100	75 - 125
Sodium	36900		2500	38940	4	ug/L		80	75 - 125
Thallium	0.50	U	20.0	19.80		ug/L		99	75 - 125
Vanadium	4.0	U	50.0	50.04		ug/L		100	75 - 125

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

Lab Sample ID: 460-327881-A-1-C MS
Matrix: Water
Analysis Batch: 1045434

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 1045336

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	5.5	J	250	259.3		ug/L		102	75 - 125

Lab Sample ID: 460-327881-A-1-B DU
Matrix: Water
Analysis Batch: 1045434

Client Sample ID: Duplicate
Prep Type: Total Recoverable
Prep Batch: 1045336

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	30.9	J	20.42	J	ug/L		41	20
Antimony	2.0	U	2.0	U	ug/L		NC	20
Arsenic	2.0	U	2.0	U	ug/L		NC	20
Barium	42.4		43.33		ug/L		2	20
Beryllium	0.80	U	0.80	U	ug/L		NC	20
Cadmium	0.92	U	0.92	U	ug/L		NC	20
Calcium	25200		25130		ug/L		0.1	20
Chromium	4.0	U	4.0	U	ug/L		NC	20
Cobalt	2.0	U	2.0	U	ug/L		NC	20
Copper	4.0	U	4.0	U	ug/L		NC	20
Iron	120	U	37.05	J	ug/L		NC	20
Lead	1.2	U	1.2	U	ug/L		NC	20
Magnesium	8270		8195		ug/L		1	20
Manganese	17.0	B	17.29		ug/L		1	20
Nickel	4.0	U	4.0	U	ug/L		NC	20
Potassium	1980		1969		ug/L		0.7	20
Selenium	2.5	U	2.5	U	ug/L		NC	20
Silver	2.0	U	2.0	U	ug/L		NC	20
Sodium	36900		36390		ug/L		2	20
Thallium	0.50	U	0.50	U	ug/L		NC	20
Vanadium	4.0	U	4.0	U	ug/L		NC	20
Zinc	5.5	J	7.60	J	ug/L		32	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 460-1045082/1-A
Matrix: Water
Analysis Batch: 1045180

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045082

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/20/25 11:54	06/20/25 17:52	1

Lab Sample ID: LCS 460-1045082/2-A
Matrix: Water
Analysis Batch: 1045180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045082

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	1.00	0.996		ug/L		100	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 460-328638-Q-7-D MS
Matrix: Water
Analysis Batch: 1045180

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1045082

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.20	U	1.00	1.04		ug/L		104	75 - 125

Lab Sample ID: 460-328638-Q-7-C DU
Matrix: Water
Analysis Batch: 1045180

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1045082

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.20	U	0.20	U	ug/L		NC	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1045445/10-A
Matrix: Solid
Analysis Batch: 1045578

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		06/23/25 00:54	06/23/25 10:22	1

Lab Sample ID: LCSSRM 460-1045445/11-A
Matrix: Solid
Analysis Batch: 1045578

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045445

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	12.77		mg/Kg		90.6	69.6 - 130.5

Lab Sample ID: 460-328732-3 MS
Matrix: Solid
Analysis Batch: 1045578

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1045445

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.030		0.0802	0.103		mg/Kg	☼	91	80 - 120

Lab Sample ID: 460-328732-3 MSD
Matrix: Solid
Analysis Batch: 1045578

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1045445

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.030		0.0802	0.104		mg/Kg	☼	92	80 - 120	1	20

Lab Sample ID: 460-328732-3 DU
Matrix: Solid
Analysis Batch: 1045578

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1045445

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.030		0.0380		mg/Kg	☼	25	20

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: MB 460-1045446/1-A
Matrix: Solid
Analysis Batch: 1045578

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045446

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		06/23/25 01:17	06/23/25 12:05	1

Lab Sample ID: LCSSRM 460-1045446/2-A ^40
Matrix: Solid
Analysis Batch: 1045578

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045446

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	13.12		mg/Kg		93.0	69.6 - 130.5

Lab Sample ID: 460-328622-A-9-H MS
Matrix: Solid
Analysis Batch: 1045578

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1045446

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.018	U	0.0871	0.0889		mg/Kg	☼	102	80 - 120

Lab Sample ID: 460-328622-A-9-G DU
Matrix: Solid
Analysis Batch: 1045578

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1045446

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.018	U	0.018	U	mg/Kg	☼	NC	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 460-1045722/15-A
Matrix: Solid
Analysis Batch: 1045734

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045722

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	2.0	U	2.0	0.85	mg/Kg		06/24/25 08:40	06/24/25 14:05	1

Lab Sample ID: LCSI 460-1045722/17-A
Matrix: Solid
Analysis Batch: 1045734

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045722

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	708	729.8		mg/Kg		103	80 - 120

Lab Sample ID: LCSSRM 460-1045722/16-A
Matrix: Solid
Analysis Batch: 1045734

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045722

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	14.9	14.08		mg/Kg		94.2	84.2 - 114.5

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: 460-328732-3 MSI
Matrix: Solid
Analysis Batch: 1045734

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1045722

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.0	U	715	514.7	N	mg/Kg	☼	72	75 - 125

Lab Sample ID: 460-328732-3 MSS
Matrix: Solid
Analysis Batch: 1045734

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1045722

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.0	U	40.4	23.56	N	mg/Kg	☼	58	75 - 125

Lab Sample ID: 460-328732-3 DU
Matrix: Solid
Analysis Batch: 1045734

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1045722

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	2.0	U	2.0	U	mg/Kg	☼	NC	20

Lab Sample ID: MB 460-1045800/10
Matrix: Water
Analysis Batch: 1045800

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	10.0	U	10.0	2.9	ug/L			06/24/25 12:15	1

Lab Sample ID: LCSSRM 460-1045800/11
Matrix: Water
Analysis Batch: 1045800

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

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	74.7	73.38		ug/L		98.2	84.2 - 114.5

Lab Sample ID: MRL 460-1045800/9
Matrix: Water
Analysis Batch: 1045800

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	10.0	11.09		ug/L		111	50 - 150

Lab Sample ID: 460-328781-C-6 MS
Matrix: Water
Analysis Batch: 1045800

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	10.0	U	30.0	27.43		ug/L		91	85 - 115

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: 460-328781-C-6 DU
Matrix: Water
Analysis Batch: 1045800

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cr (VI)	10.0	U		10.0	U	ug/L				NC	20

Lab Sample ID: MB 460-1045979/15-A
Matrix: Solid
Analysis Batch: 1045999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045979

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	2.0	U	2.0	0.85	mg/Kg		06/25/25 09:40	06/25/25 10:51	1

Lab Sample ID: LCSI 460-1045979/17-A
Matrix: Solid
Analysis Batch: 1045999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045979

Analyte			Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			708	694.0		mg/Kg		98	80 - 120		

Lab Sample ID: LCSSRM 460-1045979/16-A
Matrix: Solid
Analysis Batch: 1045999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045979

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			14.9	14.21		mg/Kg		95.1	84.2 - 114.5		

Lab Sample ID: 460-328732-3 MSI
Matrix: Solid
Analysis Batch: 1045999

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1045979

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)	2.0	U	715	504.6	N	mg/Kg	☼	71	75 - 125		

Lab Sample ID: 460-328732-3 MSS
Matrix: Solid
Analysis Batch: 1045999

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1045979

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)	2.0	U	40.4	18.43	N	mg/Kg	☼	46	75 - 125		

Lab Sample ID: 460-328732-3 DU
Matrix: Solid
Analysis Batch: 1045999

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1045979

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cr (VI)	2.0	U		2.0	U	mg/Kg	☼			NC	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MRL 460-1045183/12-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1045436
Prep Batch: 1045183

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0108		mg/L		108	50 - 150

Lab Sample ID: MB 460-1045427/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1045436
Prep Batch: 1045427

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0055	mg/Kg		06/22/25 14:52	06/22/25 17:14	1

Lab Sample ID: LCSSRM 460-1045427/2-A ^20
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1045436
Prep Batch: 1045427

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	172	103.2		mg/Kg		60.0	14.9 - 114.5

Lab Sample ID: 460-328722-H-14-C MS
Client Sample ID: Matrix Spike
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1045436
Prep Batch: 1045427

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.18	J	5.35	5.62	N	mg/Kg	☼	102	19 - 100

Lab Sample ID: 460-328722-H-14-D MSD
Client Sample ID: Matrix Spike Duplicate
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1045436
Prep Batch: 1045427

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.18	J	5.35	5.40		mg/Kg	☼	98	19 - 100	4	40

Lab Sample ID: MB 460-1045428/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1045436
Prep Batch: 1045428

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0055	mg/Kg		06/22/25 14:55	06/22/25 17:48	1

Lab Sample ID: LCSSRM 460-1045428/2-A ^20
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1045436
Prep Batch: 1045428

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	172	84.00		mg/Kg		48.8	14.9 - 114.5

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 460-328732-3 MS
Matrix: Solid
Analysis Batch: 1045436

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1045428

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.23		4.04	1.69		mg/Kg	☼	36	19 - 100

Lab Sample ID: 460-328732-3 MSD
Matrix: Solid
Analysis Batch: 1045436

Client Sample ID: RX-06(0-2)
Prep Type: Total/NA
Prep Batch: 1045428

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.23		4.04	1.88		mg/Kg	☼	41	19 - 100	11	40

Lab Sample ID: MB 460-1045431/1-A
Matrix: Water
Analysis Batch: 1045436

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045431

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0040	mg/L		06/22/25 17:08	06/22/25 18:22	1

Lab Sample ID: LCS 460-1045431/2-A
Matrix: Water
Analysis Batch: 1045436

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045431

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.0972		mg/L		97	85 - 115

Lab Sample ID: 460-328638-N-12-C MS
Matrix: Water
Analysis Batch: 1045436

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1045431

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.010	U	0.200	0.232	N	mg/L		116	90 - 110

Lab Sample ID: 460-328638-N-12-D MSD
Matrix: Water
Analysis Batch: 1045436

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1045431

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.010	U	0.200	0.239	N	mg/L		120	90 - 110	3	35

Method: Moisture - Percent Moisture

Lab Sample ID: 460-328732-12 DU
Matrix: Solid
Analysis Batch: 1044733

Client Sample ID: RX-02(0-2)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	1.0	U	1.9		%		NC	20
Percent Solids	99.4		98.1		%		1	20

GC/MS VOA

Prep Batch: 1044397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-1	RX-05(0-2)	Total/NA	Solid	5035	
460-328732-2	RX-05(4-6)	Total/NA	Solid	5035	
460-328732-3	RX-06(0-2)	Total/NA	Solid	5035	
460-328732-4	DUP_SO_06162025	Total/NA	Solid	5035	
460-328732-5	RX-06(6-8)	Total/NA	Solid	5035	
460-328732-8	RX-10(0-2)	Total/NA	Solid	5035	
460-328732-9	RX-10(4-6)	Total/NA	Solid	5035	
460-328732-10	RX-7(0-2)	Total/NA	Solid	5035	
460-328732-11	RX-7(4-6)	Total/NA	Solid	5035	
460-328732-12	RX-02(0-2)	Total/NA	Solid	5035	
460-328732-13	RX-02(6-8)	Total/NA	Solid	5035	
460-328732-3 MS	RX-06(0-2)	Total/NA	Solid	5035	
460-328732-3 MSD	RX-06(0-2)	Total/NA	Solid	5035	

Analysis Batch: 1045199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-1	RX-05(0-2)	Total/NA	Solid	8260D	1044397
460-328732-2	RX-05(4-6)	Total/NA	Solid	8260D	1044397
460-328732-3	RX-06(0-2)	Total/NA	Solid	8260D	1044397
460-328732-4	DUP_SO_06162025	Total/NA	Solid	8260D	1044397
460-328732-5	RX-06(6-8)	Total/NA	Solid	8260D	1044397
460-328732-8	RX-10(0-2)	Total/NA	Solid	8260D	1044397
460-328732-9	RX-10(4-6)	Total/NA	Solid	8260D	1044397
460-328732-10	RX-7(0-2)	Total/NA	Solid	8260D	1044397
460-328732-13	RX-02(6-8)	Total/NA	Solid	8260D	1044397
MB 460-1045199/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1045199/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1045199/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
460-328732-3 MS	RX-06(0-2)	Total/NA	Solid	8260D	1044397
460-328732-3 MSD	RX-06(0-2)	Total/NA	Solid	8260D	1044397

Analysis Batch: 1045338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-12	RX-02(0-2)	Total/NA	Solid	8260D	1044397
MB 460-1045338/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1045338/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1045338/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1045466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-11	RX-7(4-6)	Total/NA	Solid	8260D	1044397
MB 460-1045466/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1045466/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1045466/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1045526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-6	FB_SO_06162025	Total/NA	Water	8260D	
460-328732-7	TRIP BLANK	Total/NA	Water	8260D	
MB 460-1045526/10	Method Blank	Total/NA	Water	8260D	
LCS 460-1045526/4	Lab Control Sample	Total/NA	Water	8260D	

GC/MS VOA (Continued)

Analysis Batch: 1045526 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 460-1045526/6	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 1044486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-6	FB_SO_06162025	Total/NA	Water	3510C	
MB 460-1044486/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1044486/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1044486/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 1044591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1044486/1-A	Method Blank	Total/NA	Water	8270E	1044486
LCS 460-1044486/2-A	Lab Control Sample	Total/NA	Water	8270E	1044486
LCSD 460-1044486/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	1044486

Analysis Batch: 1044894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-6	FB_SO_06162025	Total/NA	Water	8270E	1044486

Prep Batch: 1044899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-1	RX-05(0-2)	Total/NA	Solid	3546	
460-328732-2	RX-05(4-6)	Total/NA	Solid	3546	
460-328732-3	RX-06(0-2)	Total/NA	Solid	3546	
460-328732-4	DUP_SO_06162025	Total/NA	Solid	3546	
460-328732-5	RX-06(6-8)	Total/NA	Solid	3546	
460-328732-8	RX-10(0-2)	Total/NA	Solid	3546	
460-328732-9	RX-10(4-6)	Total/NA	Solid	3546	
460-328732-10	RX-7(0-2)	Total/NA	Solid	3546	
460-328732-11 - DL	RX-7(4-6)	Total/NA	Solid	3546	
460-328732-11	RX-7(4-6)	Total/NA	Solid	3546	
460-328732-12	RX-02(0-2)	Total/NA	Solid	3546	
460-328732-13	RX-02(6-8)	Total/NA	Solid	3546	
MB 460-1044899/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1044899/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1044899/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-328732-3 MS	RX-06(0-2)	Total/NA	Solid	3546	
460-328732-3 MSD	RX-06(0-2)	Total/NA	Solid	3546	

Analysis Batch: 1044959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-1	RX-05(0-2)	Total/NA	Solid	8270E	1044899
460-328732-2	RX-05(4-6)	Total/NA	Solid	8270E	1044899
460-328732-3	RX-06(0-2)	Total/NA	Solid	8270E	1044899
460-328732-4	DUP_SO_06162025	Total/NA	Solid	8270E	1044899
460-328732-5	RX-06(6-8)	Total/NA	Solid	8270E	1044899
460-328732-8	RX-10(0-2)	Total/NA	Solid	8270E	1044899
460-328732-9	RX-10(4-6)	Total/NA	Solid	8270E	1044899
460-328732-10	RX-7(0-2)	Total/NA	Solid	8270E	1044899

GC/MS Semi VOA (Continued)

Analysis Batch: 1044959 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-11	RX-7(4-6)	Total/NA	Solid	8270E	1044899
460-328732-11 - DL	RX-7(4-6)	Total/NA	Solid	8270E	1044899
460-328732-12	RX-02(0-2)	Total/NA	Solid	8270E	1044899
460-328732-13	RX-02(6-8)	Total/NA	Solid	8270E	1044899
MB 460-1044899/1-A	Method Blank	Total/NA	Solid	8270E	1044899
LCS 460-1044899/2-A	Lab Control Sample	Total/NA	Solid	8270E	1044899
LCSD 460-1044899/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1044899
460-328732-3 MS	RX-06(0-2)	Total/NA	Solid	8270E	1044899
460-328732-3 MSD	RX-06(0-2)	Total/NA	Solid	8270E	1044899

GC Semi VOA

Leach Batch: 1044291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 460-1044291/1-B	Method Blank	Total/NA	Water	1311	
460-328180-A-1-H MS	Matrix Spike	TCLP	Water	1311	

Prep Batch: 1044360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-6	FB_SO_06162025	Total/NA	Water	3510C	
MB 460-1044360/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1044360/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1044360/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 1044363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-6	FB_SO_06162025	Total/NA	Water	3510C	
MB 460-1044363/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1044363/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1044363/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 1044430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 460-1044291/1-B	Method Blank	Total/NA	Water	8151A	1044291
MB 460-1044430/1-A	Method Blank	Total/NA	Water	8151A	
LCSD 460-1044430/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	

Analysis Batch: 1044535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-6	FB_SO_06162025	Total/NA	Water	8151A	1044619
LB 460-1044291/1-B	Method Blank	Total/NA	Water	8151A	1044430
MB 460-1044430/1-A	Method Blank	Total/NA	Water	8151A	1044430
MB 460-1044619/1-A	Method Blank	Total/NA	Water	8151A	1044619
LCS 460-1044619/2-A	Lab Control Sample	Total/NA	Water	8151A	1044619
LCSD 460-1044430/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	1044430
LCSD 460-1044619/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	1044619
460-328180-A-1-H MS	Matrix Spike	TCLP	Water	8151A	1044619

Prep Batch: 1044567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-1	RX-05(0-2)	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 1044567 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-2	RX-05(4-6)	Total/NA	Solid	3546	
460-328732-3	RX-06(0-2)	Total/NA	Solid	3546	
460-328732-4	DUP_SO_06162025	Total/NA	Solid	3546	
460-328732-5	RX-06(6-8)	Total/NA	Solid	3546	
460-328732-8	RX-10(0-2)	Total/NA	Solid	3546	
460-328732-9	RX-10(4-6)	Total/NA	Solid	3546	
460-328732-10	RX-7(0-2)	Total/NA	Solid	3546	
460-328732-11	RX-7(4-6)	Total/NA	Solid	3546	
460-328732-12	RX-02(0-2)	Total/NA	Solid	3546	
460-328732-13	RX-02(6-8)	Total/NA	Solid	3546	
MB 460-1044567/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1044567/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1044567/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-328732-3 MS	RX-06(0-2)	Total/NA	Solid	3546	
460-328732-3 MSD	RX-06(0-2)	Total/NA	Solid	3546	

Prep Batch: 1044574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-1	RX-05(0-2)	Total/NA	Solid	3546	
460-328732-2	RX-05(4-6)	Total/NA	Solid	3546	
460-328732-3	RX-06(0-2)	Total/NA	Solid	3546	
460-328732-4	DUP_SO_06162025	Total/NA	Solid	3546	
460-328732-5	RX-06(6-8)	Total/NA	Solid	3546	
460-328732-8	RX-10(0-2)	Total/NA	Solid	3546	
460-328732-9	RX-10(4-6)	Total/NA	Solid	3546	
460-328732-10	RX-7(0-2)	Total/NA	Solid	3546	
460-328732-11	RX-7(4-6)	Total/NA	Solid	3546	
460-328732-12	RX-02(0-2)	Total/NA	Solid	3546	
460-328732-13	RX-02(6-8)	Total/NA	Solid	3546	
MB 460-1044574/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1044574/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1044574/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-328732-3 MS	RX-06(0-2)	Total/NA	Solid	3546	
460-328732-3 MSD	RX-06(0-2)	Total/NA	Solid	3546	

Prep Batch: 1044619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-6	FB_SO_06162025	Total/NA	Water	8151A	
MB 460-1044619/1-A	Method Blank	Total/NA	Water	8151A	
LCS 460-1044619/2-A	Lab Control Sample	Total/NA	Water	8151A	
LCSD 460-1044619/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	
460-328180-A-1-H MS	Matrix Spike	TCLP	Water	8151A	1044291

Analysis Batch: 1044634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-1	RX-05(0-2)	Total/NA	Solid	8081B	1044574
460-328732-2	RX-05(4-6)	Total/NA	Solid	8081B	1044574
460-328732-4	DUP_SO_06162025	Total/NA	Solid	8081B	1044574
460-328732-5	RX-06(6-8)	Total/NA	Solid	8081B	1044574
460-328732-8	RX-10(0-2)	Total/NA	Solid	8081B	1044574
460-328732-10	RX-7(0-2)	Total/NA	Solid	8081B	1044574

GC Semi VOA (Continued)

Analysis Batch: 1044634 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-11	RX-7(4-6)	Total/NA	Solid	8081B	1044574
460-328732-13	RX-02(6-8)	Total/NA	Solid	8081B	1044574

Analysis Batch: 1044637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-3	RX-06(0-2)	Total/NA	Solid	8081B	1044574
MB 460-1044360/1-A	Method Blank	Total/NA	Water	8081B	1044360
MB 460-1044574/1-A	Method Blank	Total/NA	Solid	8081B	1044574
LCS 460-1044360/2-A	Lab Control Sample	Total/NA	Water	8081B	1044360
LCS 460-1044574/2-A	Lab Control Sample	Total/NA	Solid	8081B	1044574
LCSD 460-1044360/3-A	Lab Control Sample Dup	Total/NA	Water	8081B	1044360
LCSD 460-1044574/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1044574
460-328732-3 MS	RX-06(0-2)	Total/NA	Solid	8081B	1044574
460-328732-3 MSD	RX-06(0-2)	Total/NA	Solid	8081B	1044574

Prep Batch: 1044665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-1	RX-05(0-2)	Total/NA	Solid	8151A	
460-328732-2	RX-05(4-6)	Total/NA	Solid	8151A	
460-328732-3	RX-06(0-2)	Total/NA	Solid	8151A	
460-328732-4	DUP_SO_06162025	Total/NA	Solid	8151A	
460-328732-5	RX-06(6-8)	Total/NA	Solid	8151A	
460-328732-8	RX-10(0-2)	Total/NA	Solid	8151A	
460-328732-9	RX-10(4-6)	Total/NA	Solid	8151A	
460-328732-10	RX-7(0-2)	Total/NA	Solid	8151A	
460-328732-11	RX-7(4-6)	Total/NA	Solid	8151A	
460-328732-12	RX-02(0-2)	Total/NA	Solid	8151A	
460-328732-13	RX-02(6-8)	Total/NA	Solid	8151A	
MB 460-1044665/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 460-1044665/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 460-1044665/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
460-328732-3 MS	RX-06(0-2)	Total/NA	Solid	8151A	
460-328732-3 MSD	RX-06(0-2)	Total/NA	Solid	8151A	

Analysis Batch: 1044816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-1	RX-05(0-2)	Total/NA	Solid	8082A	1044567
460-328732-2	RX-05(4-6)	Total/NA	Solid	8082A	1044567
460-328732-3	RX-06(0-2)	Total/NA	Solid	8082A	1044567
460-328732-4	DUP_SO_06162025	Total/NA	Solid	8082A	1044567
460-328732-5	RX-06(6-8)	Total/NA	Solid	8082A	1044567
460-328732-8	RX-10(0-2)	Total/NA	Solid	8082A	1044567
460-328732-10	RX-7(0-2)	Total/NA	Solid	8082A	1044567
460-328732-11	RX-7(4-6)	Total/NA	Solid	8082A	1044567
460-328732-13	RX-02(6-8)	Total/NA	Solid	8082A	1044567
MB 460-1044567/1-A	Method Blank	Total/NA	Solid	8082A	1044567
LCS 460-1044567/2-A	Lab Control Sample	Total/NA	Solid	8082A	1044567
LCSD 460-1044567/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1044567
460-328732-3 MS	RX-06(0-2)	Total/NA	Solid	8082A	1044567
460-328732-3 MSD	RX-06(0-2)	Total/NA	Solid	8082A	1044567

GC Semi VOA

Analysis Batch: 1044941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-9	RX-10(4-6)	Total/NA	Solid	8081B	1044574
460-328732-12	RX-02(0-2)	Total/NA	Solid	8081B	1044574

Analysis Batch: 1044944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-6	FB_SO_06162025	Total/NA	Water	8081B	1044360

Analysis Batch: 1044973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-9	RX-10(4-6)	Total/NA	Solid	8082A	1044567
460-328732-12	RX-02(0-2)	Total/NA	Solid	8082A	1044567

Analysis Batch: 1044979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-6	FB_SO_06162025	Total/NA	Water	8082A	1044363
MB 460-1044363/1-A	Method Blank	Total/NA	Water	8082A	1044363
LCS 460-1044363/2-A	Lab Control Sample	Total/NA	Water	8082A	1044363
LCSD 460-1044363/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	1044363

Analysis Batch: 1045093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-1	RX-05(0-2)	Total/NA	Solid	8151A	1044665
460-328732-2	RX-05(4-6)	Total/NA	Solid	8151A	1044665
460-328732-3	RX-06(0-2)	Total/NA	Solid	8151A	1044665
460-328732-4	DUP_SO_06162025	Total/NA	Solid	8151A	1044665
460-328732-5	RX-06(6-8)	Total/NA	Solid	8151A	1044665
460-328732-8	RX-10(0-2)	Total/NA	Solid	8151A	1044665
460-328732-9	RX-10(4-6)	Total/NA	Solid	8151A	1044665
460-328732-10	RX-7(0-2)	Total/NA	Solid	8151A	1044665
460-328732-11	RX-7(4-6)	Total/NA	Solid	8151A	1044665
460-328732-12	RX-02(0-2)	Total/NA	Solid	8151A	1044665
460-328732-13	RX-02(6-8)	Total/NA	Solid	8151A	1044665
MB 460-1044665/1-A	Method Blank	Total/NA	Solid	8151A	1044665
LCS 460-1044665/2-A	Lab Control Sample	Total/NA	Solid	8151A	1044665
LCSD 460-1044665/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	1044665
460-328732-3 MS	RX-06(0-2)	Total/NA	Solid	8151A	1044665
460-328732-3 MSD	RX-06(0-2)	Total/NA	Solid	8151A	1044665

Metals

Prep Batch: 1045082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-6	FB_SO_06162025	Total/NA	Water	7470A	
MB 460-1045082/1-A	Method Blank	Total/NA	Water	7470A	
LCS 460-1045082/2-A	Lab Control Sample	Total/NA	Water	7470A	
460-328638-Q-7-D MS	Matrix Spike	Total/NA	Water	7470A	
460-328638-Q-7-C DU	Duplicate	Total/NA	Water	7470A	

Analysis Batch: 1045180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-6	FB_SO_06162025	Total/NA	Water	7470A	1045082

Metals (Continued)

Analysis Batch: 1045180 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1045082/1-A	Method Blank	Total/NA	Water	7470A	1045082
LCS 460-1045082/2-A	Lab Control Sample	Total/NA	Water	7470A	1045082
460-328638-Q-7-D MS	Matrix Spike	Total/NA	Water	7470A	1045082
460-328638-Q-7-C DU	Duplicate	Total/NA	Water	7470A	1045082

Prep Batch: 1045188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-1	RX-05(0-2)	Total/NA	Solid	3050B	
460-328732-2	RX-05(4-6)	Total/NA	Solid	3050B	
460-328732-3	RX-06(0-2)	Total/NA	Solid	3050B	
460-328732-4	DUP_SO_06162025	Total/NA	Solid	3050B	
460-328732-5	RX-06(6-8)	Total/NA	Solid	3050B	
460-328732-8	RX-10(0-2)	Total/NA	Solid	3050B	
460-328732-9	RX-10(4-6)	Total/NA	Solid	3050B	
460-328732-10	RX-7(0-2)	Total/NA	Solid	3050B	
460-328732-11	RX-7(4-6)	Total/NA	Solid	3050B	
460-328732-12	RX-02(0-2)	Total/NA	Solid	3050B	
460-328732-13	RX-02(6-8)	Total/NA	Solid	3050B	
MB 460-1045188/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1045188/2-A ^	Lab Control Sample	Total/NA	Solid	3050B	
460-328732-3 MS	RX-06(0-2)	Total/NA	Solid	3050B	
460-328732-3 MSD	RX-06(0-2)	Total/NA	Solid	3050B	
460-328732-3 DU	RX-06(0-2)	Total/NA	Solid	3050B	

Analysis Batch: 1045317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-1	RX-05(0-2)	Total/NA	Solid	6020B	1045188
460-328732-2	RX-05(4-6)	Total/NA	Solid	6020B	1045188
460-328732-3	RX-06(0-2)	Total/NA	Solid	6020B	1045188
460-328732-4	DUP_SO_06162025	Total/NA	Solid	6020B	1045188
460-328732-5	RX-06(6-8)	Total/NA	Solid	6020B	1045188
460-328732-8	RX-10(0-2)	Total/NA	Solid	6020B	1045188
460-328732-9	RX-10(4-6)	Total/NA	Solid	6020B	1045188
460-328732-10	RX-7(0-2)	Total/NA	Solid	6020B	1045188
460-328732-11	RX-7(4-6)	Total/NA	Solid	6020B	1045188
460-328732-12	RX-02(0-2)	Total/NA	Solid	6020B	1045188
460-328732-13	RX-02(6-8)	Total/NA	Solid	6020B	1045188
MB 460-1045188/1-A	Method Blank	Total/NA	Solid	6020B	1045188
LCSSRM 460-1045188/2-A ^	Lab Control Sample	Total/NA	Solid	6020B	1045188
460-328732-3 MS	RX-06(0-2)	Total/NA	Solid	6020B	1045188
460-328732-3 MSD	RX-06(0-2)	Total/NA	Solid	6020B	1045188
460-328732-3 DU	RX-06(0-2)	Total/NA	Solid	6020B	1045188

Prep Batch: 1045336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-6	FB_SO_06162025	Total Recoverable	Water	3005A	
MB 460-1045336/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 460-1045336/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
460-327881-A-1-C MS	Matrix Spike	Total Recoverable	Water	3005A	
460-327881-A-1-B DU	Duplicate	Total Recoverable	Water	3005A	

Metals

Analysis Batch: 1045434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-6	FB_SO_06162025	Total Recoverable	Water	6020B	1045336
MB 460-1045336/1-A	Method Blank	Total Recoverable	Water	6020B	1045336
LCS 460-1045336/2-A	Lab Control Sample	Total Recoverable	Water	6020B	1045336
460-327881-A-1-C MS	Matrix Spike	Total Recoverable	Water	6020B	1045336
460-327881-A-1-B DU	Duplicate	Total Recoverable	Water	6020B	1045336

Prep Batch: 1045445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-1	RX-05(0-2)	Total/NA	Solid	7471B	
460-328732-2	RX-05(4-6)	Total/NA	Solid	7471B	
460-328732-3	RX-06(0-2)	Total/NA	Solid	7471B	
MB 460-1045445/10-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1045445/11-A	Lab Control Sample	Total/NA	Solid	7471B	
460-328732-3 MS	RX-06(0-2)	Total/NA	Solid	7471B	
460-328732-3 MSD	RX-06(0-2)	Total/NA	Solid	7471B	
460-328732-3 DU	RX-06(0-2)	Total/NA	Solid	7471B	

Prep Batch: 1045446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-4	DUP_SO_06162025	Total/NA	Solid	7471B	
460-328732-5	RX-06(6-8)	Total/NA	Solid	7471B	
460-328732-8	RX-10(0-2)	Total/NA	Solid	7471B	
460-328732-9	RX-10(4-6)	Total/NA	Solid	7471B	
460-328732-10	RX-7(0-2)	Total/NA	Solid	7471B	
460-328732-11	RX-7(4-6)	Total/NA	Solid	7471B	
460-328732-12	RX-02(0-2)	Total/NA	Solid	7471B	
460-328732-13	RX-02(6-8)	Total/NA	Solid	7471B	
MB 460-1045446/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1045446/2-A ^	Lab Control Sample	Total/NA	Solid	7471B	
460-328622-A-9-H MS	Matrix Spike	Total/NA	Solid	7471B	
460-328622-A-9-G DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 1045578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-1	RX-05(0-2)	Total/NA	Solid	7471B	1045445
460-328732-2	RX-05(4-6)	Total/NA	Solid	7471B	1045445
460-328732-3	RX-06(0-2)	Total/NA	Solid	7471B	1045445
460-328732-4	DUP_SO_06162025	Total/NA	Solid	7471B	1045446
460-328732-5	RX-06(6-8)	Total/NA	Solid	7471B	1045446
460-328732-8	RX-10(0-2)	Total/NA	Solid	7471B	1045446
460-328732-9	RX-10(4-6)	Total/NA	Solid	7471B	1045446
460-328732-10	RX-7(0-2)	Total/NA	Solid	7471B	1045446
460-328732-11	RX-7(4-6)	Total/NA	Solid	7471B	1045446
460-328732-12	RX-02(0-2)	Total/NA	Solid	7471B	1045446
460-328732-13	RX-02(6-8)	Total/NA	Solid	7471B	1045446
MB 460-1045445/10-A	Method Blank	Total/NA	Solid	7471B	1045445
MB 460-1045446/1-A	Method Blank	Total/NA	Solid	7471B	1045446
LCSSRM 460-1045445/11-A	Lab Control Sample	Total/NA	Solid	7471B	1045445
LCSSRM 460-1045446/2-A ^	Lab Control Sample	Total/NA	Solid	7471B	1045446
460-328622-A-9-H MS	Matrix Spike	Total/NA	Solid	7471B	1045446
460-328732-3 MS	RX-06(0-2)	Total/NA	Solid	7471B	1045445

Metals (Continued)

Analysis Batch: 1045578 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-3 MSD	RX-06(0-2)	Total/NA	Solid	7471B	1045445
460-328622-A-9-G DU	Duplicate	Total/NA	Solid	7471B	1045446
460-328732-3 DU	RX-06(0-2)	Total/NA	Solid	7471B	1045445

General Chemistry

Analysis Batch: 1044733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-1	RX-05(0-2)	Total/NA	Solid	Moisture	
460-328732-2	RX-05(4-6)	Total/NA	Solid	Moisture	
460-328732-3	RX-06(0-2)	Total/NA	Solid	Moisture	
460-328732-4	DUP_SO_06162025	Total/NA	Solid	Moisture	
460-328732-5	RX-06(6-8)	Total/NA	Solid	Moisture	
460-328732-8	RX-10(0-2)	Total/NA	Solid	Moisture	
460-328732-9	RX-10(4-6)	Total/NA	Solid	Moisture	
460-328732-10	RX-7(0-2)	Total/NA	Solid	Moisture	
460-328732-11	RX-7(4-6)	Total/NA	Solid	Moisture	
460-328732-12	RX-02(0-2)	Total/NA	Solid	Moisture	
460-328732-13	RX-02(6-8)	Total/NA	Solid	Moisture	
460-328732-12 DU	RX-02(0-2)	Total/NA	Solid	Moisture	

Prep Batch: 1045183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 460-1045183/12-A	Lab Control Sample	Total/NA	Solid	9012B	

Prep Batch: 1045427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-1	RX-05(0-2)	Total/NA	Solid	9012B	
460-328732-2	RX-05(4-6)	Total/NA	Solid	9012B	
460-328732-4	DUP_SO_06162025	Total/NA	Solid	9012B	
460-328732-5	RX-06(6-8)	Total/NA	Solid	9012B	
460-328732-8	RX-10(0-2)	Total/NA	Solid	9012B	
460-328732-9	RX-10(4-6)	Total/NA	Solid	9012B	
460-328732-10	RX-7(0-2)	Total/NA	Solid	9012B	
460-328732-11	RX-7(4-6)	Total/NA	Solid	9012B	
MB 460-1045427/1-A	Method Blank	Total/NA	Solid	9012B	
LCSSRM 460-1045427/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	
460-328722-H-14-C MS	Matrix Spike	Total/NA	Solid	9012B	
460-328722-H-14-D MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	

Prep Batch: 1045428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-3	RX-06(0-2)	Total/NA	Solid	9012B	
460-328732-12	RX-02(0-2)	Total/NA	Solid	9012B	
460-328732-13	RX-02(6-8)	Total/NA	Solid	9012B	
MB 460-1045428/1-A	Method Blank	Total/NA	Solid	9012B	
LCSSRM 460-1045428/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	
460-328732-3 MS	RX-06(0-2)	Total/NA	Solid	9012B	
460-328732-3 MSD	RX-06(0-2)	Total/NA	Solid	9012B	

General Chemistry

Prep Batch: 1045431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-6	FB_SO_06162025	Total/NA	Water	9012B	
MB 460-1045431/1-A	Method Blank	Total/NA	Water	9012B	
LCS 460-1045431/2-A	Lab Control Sample	Total/NA	Water	9012B	
460-328638-N-12-C MS	Matrix Spike	Total/NA	Water	9012B	
460-328638-N-12-D MSD	Matrix Spike Duplicate	Total/NA	Water	9012B	

Analysis Batch: 1045436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-1	RX-05(0-2)	Total/NA	Solid	9012B	1045427
460-328732-2	RX-05(4-6)	Total/NA	Solid	9012B	1045427
460-328732-3	RX-06(0-2)	Total/NA	Solid	9012B	1045428
460-328732-4	DUP_SO_06162025	Total/NA	Solid	9012B	1045427
460-328732-5	RX-06(6-8)	Total/NA	Solid	9012B	1045427
460-328732-6	FB_SO_06162025	Total/NA	Water	9012B	1045431
460-328732-8	RX-10(0-2)	Total/NA	Solid	9012B	1045427
460-328732-9	RX-10(4-6)	Total/NA	Solid	9012B	1045427
460-328732-10	RX-7(0-2)	Total/NA	Solid	9012B	1045427
460-328732-11	RX-7(4-6)	Total/NA	Solid	9012B	1045427
460-328732-12	RX-02(0-2)	Total/NA	Solid	9012B	1045428
460-328732-13	RX-02(6-8)	Total/NA	Solid	9012B	1045428
MB 460-1045427/1-A	Method Blank	Total/NA	Solid	9012B	1045427
MB 460-1045428/1-A	Method Blank	Total/NA	Solid	9012B	1045428
MB 460-1045431/1-A	Method Blank	Total/NA	Water	9012B	1045431
LCS 460-1045431/2-A	Lab Control Sample	Total/NA	Water	9012B	1045431
LCSSRM 460-1045427/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	1045427
LCSSRM 460-1045428/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	1045428
MRL 460-1045183/12-A	Lab Control Sample	Total/NA	Solid	9012B	1045183
460-328638-N-12-C MS	Matrix Spike	Total/NA	Water	9012B	1045431
460-328638-N-12-D MSD	Matrix Spike Duplicate	Total/NA	Water	9012B	1045431
460-328722-H-14-C MS	Matrix Spike	Total/NA	Solid	9012B	1045427
460-328722-H-14-D MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	1045427
460-328732-3 MS	RX-06(0-2)	Total/NA	Solid	9012B	1045428
460-328732-3 MSD	RX-06(0-2)	Total/NA	Solid	9012B	1045428

Analysis Batch: 1045444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-1	RX-05(0-2)	Total/NA	Solid	7196A	
460-328732-2	RX-05(4-6)	Total/NA	Solid	7196A	
460-328732-3	RX-06(0-2)	Total/NA	Solid	7196A	
460-328732-4	DUP_SO_06162025	Total/NA	Solid	7196A	
460-328732-5	RX-06(6-8)	Total/NA	Solid	7196A	
460-328732-8	RX-10(0-2)	Total/NA	Solid	7196A	
460-328732-9	RX-10(4-6)	Total/NA	Solid	7196A	
460-328732-10	RX-7(0-2)	Total/NA	Solid	7196A	
460-328732-11	RX-7(4-6)	Total/NA	Solid	7196A	
460-328732-12	RX-02(0-2)	Total/NA	Solid	7196A	
460-328732-13	RX-02(6-8)	Total/NA	Solid	7196A	

Prep Batch: 1045722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-1	RX-05(0-2)	Total/NA	Solid	3060A	

General Chemistry (Continued)

Prep Batch: 1045722 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-2	RX-05(4-6)	Total/NA	Solid	3060A	
460-328732-3	RX-06(0-2)	Total/NA	Solid	3060A	
460-328732-4	DUP_SO_06162025	Total/NA	Solid	3060A	
460-328732-5	RX-06(6-8)	Total/NA	Solid	3060A	
460-328732-8	RX-10(0-2)	Total/NA	Solid	3060A	
460-328732-9	RX-10(4-6)	Total/NA	Solid	3060A	
460-328732-10	RX-7(0-2)	Total/NA	Solid	3060A	
460-328732-11	RX-7(4-6)	Total/NA	Solid	3060A	
460-328732-12	RX-02(0-2)	Total/NA	Solid	3060A	
460-328732-13	RX-02(6-8)	Total/NA	Solid	3060A	
MB 460-1045722/15-A	Method Blank	Total/NA	Solid	3060A	
LCSI 460-1045722/17-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSSRM 460-1045722/16-A	Lab Control Sample	Total/NA	Solid	3060A	
460-328732-3 MSI	RX-06(0-2)	Total/NA	Solid	3060A	
460-328732-3 MSS	RX-06(0-2)	Total/NA	Solid	3060A	
460-328732-3 DU	RX-06(0-2)	Total/NA	Solid	3060A	

Analysis Batch: 1045734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-1	RX-05(0-2)	Total/NA	Solid	7196A	1045722
460-328732-2	RX-05(4-6)	Total/NA	Solid	7196A	1045722
460-328732-3	RX-06(0-2)	Total/NA	Solid	7196A	1045722
460-328732-4	DUP_SO_06162025	Total/NA	Solid	7196A	1045722
460-328732-5	RX-06(6-8)	Total/NA	Solid	7196A	1045722
460-328732-8	RX-10(0-2)	Total/NA	Solid	7196A	1045722
460-328732-9	RX-10(4-6)	Total/NA	Solid	7196A	1045722
460-328732-10	RX-7(0-2)	Total/NA	Solid	7196A	1045722
460-328732-11	RX-7(4-6)	Total/NA	Solid	7196A	1045722
460-328732-12	RX-02(0-2)	Total/NA	Solid	7196A	1045722
460-328732-13	RX-02(6-8)	Total/NA	Solid	7196A	1045722
MB 460-1045722/15-A	Method Blank	Total/NA	Solid	7196A	1045722
LCSI 460-1045722/17-A	Lab Control Sample	Total/NA	Solid	7196A	1045722
LCSSRM 460-1045722/16-A	Lab Control Sample	Total/NA	Solid	7196A	1045722
460-328732-3 MSI	RX-06(0-2)	Total/NA	Solid	7196A	1045722
460-328732-3 MSS	RX-06(0-2)	Total/NA	Solid	7196A	1045722
460-328732-3 DU	RX-06(0-2)	Total/NA	Solid	7196A	1045722

Analysis Batch: 1045800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-6	FB_SO_06162025	Total/NA	Water	7196A	
MB 460-1045800/10	Method Blank	Total/NA	Water	7196A	
LCSSRM 460-1045800/11	Lab Control Sample	Total/NA	Water	7196A	
MRL 460-1045800/9	Lab Control Sample	Total/NA	Water	7196A	
460-328781-C-6 MS	Matrix Spike	Total/NA	Water	7196A	
460-328781-C-6 DU	Duplicate	Total/NA	Water	7196A	

Analysis Batch: 1045926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-6	FB_SO_06162025	Total/NA	Water	7196A	

QC Association Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

General Chemistry

Prep Batch: 1045979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-1	RX-05(0-2)	Total/NA	Solid	3060A	
460-328732-2	RX-05(4-6)	Total/NA	Solid	3060A	
460-328732-3	RX-06(0-2)	Total/NA	Solid	3060A	
460-328732-4	DUP_SO_06162025	Total/NA	Solid	3060A	
460-328732-5	RX-06(6-8)	Total/NA	Solid	3060A	
460-328732-8	RX-10(0-2)	Total/NA	Solid	3060A	
460-328732-9	RX-10(4-6)	Total/NA	Solid	3060A	
460-328732-10	RX-7(0-2)	Total/NA	Solid	3060A	
460-328732-11	RX-7(4-6)	Total/NA	Solid	3060A	
460-328732-12	RX-02(0-2)	Total/NA	Solid	3060A	
460-328732-13	RX-02(6-8)	Total/NA	Solid	3060A	
MB 460-1045979/15-A	Method Blank	Total/NA	Solid	3060A	
LCSI 460-1045979/17-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSSRM 460-1045979/16-A	Lab Control Sample	Total/NA	Solid	3060A	
460-328732-3 MSI	RX-06(0-2)	Total/NA	Solid	3060A	
460-328732-3 MSS	RX-06(0-2)	Total/NA	Solid	3060A	
460-328732-3 DU	RX-06(0-2)	Total/NA	Solid	3060A	

Analysis Batch: 1045999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328732-1	RX-05(0-2)	Total/NA	Solid	7196A	1045979
460-328732-2	RX-05(4-6)	Total/NA	Solid	7196A	1045979
460-328732-3	RX-06(0-2)	Total/NA	Solid	7196A	1045979
460-328732-4	DUP_SO_06162025	Total/NA	Solid	7196A	1045979
460-328732-5	RX-06(6-8)	Total/NA	Solid	7196A	1045979
460-328732-8	RX-10(0-2)	Total/NA	Solid	7196A	1045979
460-328732-9	RX-10(4-6)	Total/NA	Solid	7196A	1045979
460-328732-10	RX-7(0-2)	Total/NA	Solid	7196A	1045979
460-328732-11	RX-7(4-6)	Total/NA	Solid	7196A	1045979
460-328732-12	RX-02(0-2)	Total/NA	Solid	7196A	1045979
460-328732-13	RX-02(6-8)	Total/NA	Solid	7196A	1045979
MB 460-1045979/15-A	Method Blank	Total/NA	Solid	7196A	1045979
LCSI 460-1045979/17-A	Lab Control Sample	Total/NA	Solid	7196A	1045979
LCSSRM 460-1045979/16-A	Lab Control Sample	Total/NA	Solid	7196A	1045979
460-328732-3 MSI	RX-06(0-2)	Total/NA	Solid	7196A	1045979
460-328732-3 MSS	RX-06(0-2)	Total/NA	Solid	7196A	1045979
460-328732-3 DU	RX-06(0-2)	Total/NA	Solid	7196A	1045979

Client Sample ID: RX-05(0-2)
Date Collected: 06/16/25 12:00
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	7196A		1	1045444	ST1	EET EDI	06/23/25 00:31
Total/NA	Analysis	Moisture		1	1044733	MVA	EET EDI	06/19/25 08:42

Client Sample ID: RX-05(0-2)
Date Collected: 06/16/25 12:00
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-1
Matrix: Solid
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1044397	JCZ	EET EDI	06/18/25 08:26
Total/NA	Analysis	8260D		1	1045199	AAT	EET EDI	06/21/25 12:04
Total/NA	Prep	3546			1044899	ARA	EET EDI	06/19/25 18:37
Total/NA	Analysis	8270E		1	1044959	MDJ	EET EDI	06/20/25 12:00
Total/NA	Prep	3546			1044574	ARA	EET EDI	06/18/25 17:35
Total/NA	Analysis	8081B		1	1044634	FAM	EET EDI	06/19/25 09:42
Total/NA	Prep	3546			1044567	ARA	EET EDI	06/18/25 17:27
Total/NA	Analysis	8082A		1	1044816	FAM	EET EDI	06/19/25 19:20
Total/NA	Prep	8151A			1044665	AXB	EET EDI	06/19/25 05:48
Total/NA	Analysis	8151A		1	1045093	SAK	EET EDI	06/21/25 10:32
Total/NA	Prep	3050B			1045188	GAE	EET EDI	06/20/25 19:05
Total/NA	Analysis	6020B		1	1045317	CDC	EET EDI	06/21/25 17:40
Total/NA	Prep	7471B			1045445	TJS	EET EDI	06/23/25 00:54
Total/NA	Analysis	7471B		1	1045578	JKF	EET EDI	06/23/25 11:54
Total/NA	Prep	3060A			1045722	MNP	EET EDI	06/24/25 08:40 - 06/24/25 09:40 [1]
Total/NA	Analysis	7196A		1	1045734	MNP	EET EDI	06/24/25 15:15
Total/NA	Prep	3060A			1045979	MNP	EET EDI	06/25/25 09:40 - 06/25/25 10:40 [1]
Total/NA	Analysis	7196A		1	1045999	MNP	EET EDI	06/25/25 10:51
Total/NA	Prep	9012B			1045427	VBG	EET EDI	06/22/25 14:52
Total/NA	Analysis	9012B		1	1045436	VBG	EET EDI	06/22/25 17:45

Client Sample ID: RX-05(4-6)
Date Collected: 06/16/25 12:10
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	7196A		1	1045444	ST1	EET EDI	06/23/25 00:31
Total/NA	Analysis	Moisture		1	1044733	MVA	EET EDI	06/19/25 08:42

Client Sample ID: RX-05(4-6)
Date Collected: 06/16/25 12:10
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328732-2
Matrix: Solid
Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1044397	JCZ	EET EDI	06/18/25 08:27
Total/NA	Analysis	8260D		1	1045199	AAT	EET EDI	06/21/25 15:23

Client Sample ID: RX-05(4-6)
Lab Sample ID: 460-328732-2
Date Collected: 06/16/25 12:10
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1044899	ARA	EET EDI	06/19/25 18:37
Total/NA	Analysis	8270E		1	1044959	MDJ	EET EDI	06/20/25 12:18
Total/NA	Prep	3546			1044574	ARA	EET EDI	06/18/25 17:35
Total/NA	Analysis	8081B		1	1044634	FAM	EET EDI	06/19/25 09:54
Total/NA	Prep	3546			1044567	ARA	EET EDI	06/18/25 17:27
Total/NA	Analysis	8082A		1	1044816	FAM	EET EDI	06/19/25 19:37
Total/NA	Prep	8151A			1044665	AXB	EET EDI	06/19/25 05:48
Total/NA	Analysis	8151A		1	1045093	SAK	EET EDI	06/21/25 10:51
Total/NA	Prep	3050B			1045188	GAE	EET EDI	06/20/25 19:05
Total/NA	Analysis	6020B		1	1045317	CDC	EET EDI	06/21/25 17:43
Total/NA	Prep	7471B			1045445	TJS	EET EDI	06/23/25 00:54
Total/NA	Analysis	7471B		1	1045578	JKF	EET EDI	06/23/25 11:57
Total/NA	Prep	3060A			1045722	MNP	EET EDI	06/24/25 08:40 - 06/24/25 09:40 [1]
Total/NA	Analysis	7196A		1	1045734	MNP	EET EDI	06/24/25 15:15
Total/NA	Prep	3060A			1045979	MNP	EET EDI	06/25/25 09:40 - 06/25/25 10:40 [1]
Total/NA	Analysis	7196A		1	1045999	MNP	EET EDI	06/25/25 10:51
Total/NA	Prep	9012B			1045427	VBG	EET EDI	06/22/25 14:52
Total/NA	Analysis	9012B		1	1045436	VBG	EET EDI	06/22/25 17:46

Client Sample ID: RX-06(0-2)
Lab Sample ID: 460-328732-3
Date Collected: 06/16/25 12:50
Matrix: Solid
Date Received: 06/17/25 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	7196A		1	1045444	ST1	EET EDI	06/23/25 00:31
Total/NA	Analysis	Moisture		1	1044733	MVA	EET EDI	06/19/25 08:42

Client Sample ID: RX-06(0-2)
Lab Sample ID: 460-328732-3
Date Collected: 06/16/25 12:50
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 99.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1044397	JCZ	EET EDI	06/18/25 08:28
Total/NA	Analysis	8260D		1	1045199	AAT	EET EDI	06/21/25 12:29
Total/NA	Prep	3546			1044899	ARA	EET EDI	06/19/25 18:37
Total/NA	Analysis	8270E		1	1044959	MDJ	EET EDI	06/20/25 07:38
Total/NA	Prep	3546			1044574	ARA	EET EDI	06/18/25 17:35
Total/NA	Analysis	8081B		1	1044637	FAM	EET EDI	06/19/25 08:42
Total/NA	Prep	3546			1044567	ARA	EET EDI	06/18/25 17:27
Total/NA	Analysis	8082A		1	1044816	FAM	EET EDI	06/19/25 19:53
Total/NA	Prep	8151A			1044665	AXB	EET EDI	06/19/25 05:48
Total/NA	Analysis	8151A		1	1045093	SAK	EET EDI	06/21/25 10:13
Total/NA	Prep	3050B			1045188	GAE	EET EDI	06/20/25 19:05
Total/NA	Analysis	6020B		1	1045317	CDC	EET EDI	06/21/25 17:12

Client Sample ID: RX-06(0-2)
Lab Sample ID: 460-328732-3
Date Collected: 06/16/25 12:50
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 99.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			1045445	TJS	EET EDI	06/23/25 00:54
Total/NA	Analysis	7471B		1	1045578	JKF	EET EDI	06/23/25 10:36
Total/NA	Prep	3060A			1045722	MNP	EET EDI	06/24/25 08:40 - 06/24/25 09:40 [1]
Total/NA	Analysis	7196A		1	1045734	MNP	EET EDI	06/24/25 15:15
Total/NA	Prep	3060A			1045979	MNP	EET EDI	06/25/25 09:40 - 06/25/25 10:40 [1]
Total/NA	Analysis	7196A		1	1045999	MNP	EET EDI	06/25/25 10:51
Total/NA	Prep	9012B			1045428	VBG	EET EDI	06/22/25 14:55
Total/NA	Analysis	9012B		1	1045436	VBG	EET EDI	06/22/25 17:50

Client Sample ID: DUP_SO_06162025
Lab Sample ID: 460-328732-4
Date Collected: 06/16/25 13:00
Matrix: Solid
Date Received: 06/17/25 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	7196A		1	1045444	ST1	EET EDI	06/23/25 00:31
Total/NA	Analysis	Moisture		1	1044733	MVA	EET EDI	06/19/25 08:42

Client Sample ID: DUP_SO_06162025
Lab Sample ID: 460-328732-4
Date Collected: 06/16/25 13:00
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 96.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1044397	JCZ	EET EDI	06/18/25 08:30
Total/NA	Analysis	8260D		1	1045199	AAT	EET EDI	06/21/25 12:55
Total/NA	Prep	3546			1044899	ARA	EET EDI	06/19/25 18:37
Total/NA	Analysis	8270E		1	1044959	MDJ	EET EDI	06/20/25 09:40
Total/NA	Prep	3546			1044574	ARA	EET EDI	06/18/25 17:35
Total/NA	Analysis	8081B		1	1044634	FAM	EET EDI	06/19/25 10:07
Total/NA	Prep	3546			1044567	ARA	EET EDI	06/18/25 17:27
Total/NA	Analysis	8082A		1	1044816	FAM	EET EDI	06/19/25 20:10
Total/NA	Prep	8151A			1044665	AXB	EET EDI	06/19/25 05:48
Total/NA	Analysis	8151A		1	1045093	SAK	EET EDI	06/21/25 11:10
Total/NA	Prep	3050B			1045188	GAE	EET EDI	06/20/25 19:05
Total/NA	Analysis	6020B		1	1045317	CDC	EET EDI	06/21/25 17:46
Total/NA	Prep	7471B			1045446	TJS	EET EDI	06/23/25 01:17
Total/NA	Analysis	7471B		1	1045578	JKF	EET EDI	06/23/25 12:23
Total/NA	Prep	3060A			1045722	MNP	EET EDI	06/24/25 08:40 - 06/24/25 09:40 [1]
Total/NA	Analysis	7196A		1	1045734	MNP	EET EDI	06/24/25 15:15
Total/NA	Prep	3060A			1045979	MNP	EET EDI	06/25/25 09:40 - 06/25/25 10:40 [1]
Total/NA	Analysis	7196A		1	1045999	MNP	EET EDI	06/25/25 10:51
Total/NA	Prep	9012B			1045427	VBG	EET EDI	06/22/25 14:52
Total/NA	Analysis	9012B		1	1045436	VBG	EET EDI	06/22/25 17:47

Client Sample ID: RX-06(6-8)
Lab Sample ID: 460-328732-5
Date Collected: 06/16/25 13:50
Matrix: Solid
Date Received: 06/17/25 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	7196A		1	1045444	ST1	EET EDI	06/23/25 00:31
Total/NA	Analysis	Moisture		1	1044733	MVA	EET EDI	06/19/25 08:42

Client Sample ID: RX-06(6-8)
Lab Sample ID: 460-328732-5
Date Collected: 06/16/25 13:50
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 92.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1044397	JCZ	EET EDI	06/18/25 08:31
Total/NA	Analysis	8260D		1	1045199	AAT	EET EDI	06/21/25 15:48
Total/NA	Prep	3546			1044899	ARA	EET EDI	06/19/25 18:37
Total/NA	Analysis	8270E		1	1044959	MDJ	EET EDI	06/20/25 09:58
Total/NA	Prep	3546			1044574	ARA	EET EDI	06/18/25 17:35
Total/NA	Analysis	8081B		1	1044634	FAM	EET EDI	06/19/25 10:19
Total/NA	Prep	3546			1044567	ARA	EET EDI	06/18/25 17:27
Total/NA	Analysis	8082A		1	1044816	FAM	EET EDI	06/19/25 20:27
Total/NA	Prep	8151A			1044665	AXB	EET EDI	06/19/25 05:48
Total/NA	Analysis	8151A		1	1045093	SAK	EET EDI	06/21/25 11:28
Total/NA	Prep	3050B			1045188	GAE	EET EDI	06/20/25 19:05
Total/NA	Analysis	6020B		1	1045317	CDC	EET EDI	06/21/25 17:49
Total/NA	Prep	7471B			1045446	TJS	EET EDI	06/23/25 01:17
Total/NA	Analysis	7471B		1	1045578	JKF	EET EDI	06/23/25 12:26
Total/NA	Prep	3060A			1045722	MNP	EET EDI	06/24/25 08:40 - 06/24/25 09:40 [1]
Total/NA	Analysis	7196A		1	1045734	MNP	EET EDI	06/24/25 15:15
Total/NA	Prep	3060A			1045979	MNP	EET EDI	06/25/25 09:40 - 06/25/25 10:40 [1]
Total/NA	Analysis	7196A		1	1045999	MNP	EET EDI	06/25/25 10:51
Total/NA	Prep	9012B			1045427	VBG	EET EDI	06/22/25 14:52
Total/NA	Analysis	9012B		1	1045436	VBG	EET EDI	06/22/25 17:47

Client Sample ID: FB_SO_06162025
Lab Sample ID: 460-328732-6
Date Collected: 06/16/25 15:50
Matrix: Water
Date Received: 06/17/25 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1045526	CJM	EET EDI	06/23/25 12:38
Total/NA	Prep	3510C			1044486	NMP	EET EDI	06/19/25 09:55
Total/NA	Analysis	8270E		1	1044894	MME	EET EDI	06/20/25 06:08
Total/NA	Prep	3510C			1044360	AXB	EET EDI	06/19/25 06:56
Total/NA	Analysis	8081B		1	1044944	FAM	EET EDI	06/20/25 03:53
Total/NA	Prep	3510C			1044363	AXB	EET EDI	06/19/25 06:53
Total/NA	Analysis	8082A		1	1044979	MJS	EET EDI	06/20/25 18:34
Total/NA	Prep	8151A			1044619	JMS	EET EDI	06/18/25 22:23
Total/NA	Analysis	8151A		1	1044535	SAK	EET EDI	06/19/25 11:03
Total Recoverable	Prep	3005A			1045336	GAE	EET EDI	06/21/25 21:30
Total Recoverable	Analysis	6020B		1	1045434	CDC	EET EDI	06/22/25 19:42

Client Sample ID: FB_SO_06162025
Lab Sample ID: 460-328732-6
Date Collected: 06/16/25 15:50
Matrix: Water
Date Received: 06/17/25 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			1045082	JKF	EET EDI	06/20/25 11:54
Total/NA	Analysis	7470A		1	1045180	JKF	EET EDI	06/20/25 19:10
Total/NA	Analysis	7196A		1	1045926	JMP	EET EDI	06/25/25 07:04
Total/NA	Analysis	7196A		1	1045800	MNP	EET EDI	06/24/25 12:25
Total/NA	Prep	9012B			1045431	VBG	EET EDI	06/22/25 17:08
Total/NA	Analysis	9012B		1	1045436	VBG	EET EDI	06/22/25 18:34

Client Sample ID: TRIP BLANK
Lab Sample ID: 460-328732-7
Date Collected: 06/17/25 00:00
Matrix: Water
Date Received: 06/17/25 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1045526	CJM	EET EDI	06/23/25 12:58

Client Sample ID: RX-10(0-2)
Lab Sample ID: 460-328732-8
Date Collected: 06/17/25 07:45
Matrix: Solid
Date Received: 06/17/25 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	7196A		1	1045444	ST1	EET EDI	06/23/25 00:31
Total/NA	Analysis	Moisture		1	1044733	MVA	EET EDI	06/19/25 08:42

Client Sample ID: RX-10(0-2)
Lab Sample ID: 460-328732-8
Date Collected: 06/17/25 07:45
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1044397	JCZ	EET EDI	06/18/25 08:32
Total/NA	Analysis	8260D		1	1045199	AAT	EET EDI	06/21/25 13:19
Total/NA	Prep	3546			1044899	ARA	EET EDI	06/19/25 18:37
Total/NA	Analysis	8270E		1	1044959	MDJ	EET EDI	06/20/25 10:15
Total/NA	Prep	3546			1044574	ARA	EET EDI	06/18/25 17:35
Total/NA	Analysis	8081B		1	1044634	FAM	EET EDI	06/19/25 10:31
Total/NA	Prep	3546			1044567	ARA	EET EDI	06/18/25 17:27
Total/NA	Analysis	8082A		1	1044816	FAM	EET EDI	06/19/25 20:43
Total/NA	Prep	8151A			1044665	AXB	EET EDI	06/19/25 05:48
Total/NA	Analysis	8151A		1	1045093	SAK	EET EDI	06/21/25 12:18
Total/NA	Prep	3050B			1045188	GAE	EET EDI	06/20/25 19:05
Total/NA	Analysis	6020B		1	1045317	CDC	EET EDI	06/21/25 17:52
Total/NA	Prep	7471B			1045446	TJS	EET EDI	06/23/25 01:17
Total/NA	Analysis	7471B		1	1045578	JKF	EET EDI	06/23/25 12:28
Total/NA	Prep	3060A			1045722	MNP	EET EDI	06/24/25 08:40 - 06/24/25 09:40 [1]
Total/NA	Analysis	7196A		1	1045734	MNP	EET EDI	06/24/25 15:15
Total/NA	Prep	3060A			1045979	MNP	EET EDI	06/25/25 09:40 - 06/25/25 10:40 [1]
Total/NA	Analysis	7196A		1	1045999	MNP	EET EDI	06/25/25 10:51

Client Sample ID: RX-10(0-2)

Lab Sample ID: 460-328732-8

Date Collected: 06/17/25 07:45

Matrix: Solid

Date Received: 06/17/25 20:00

Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			1045427	VBG	EET EDI	06/22/25 14:52
Total/NA	Analysis	9012B		1	1045436	VBG	EET EDI	06/22/25 17:38

Client Sample ID: RX-10(4-6)

Lab Sample ID: 460-328732-9

Date Collected: 06/17/25 08:00

Matrix: Solid

Date Received: 06/17/25 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	7196A		1	1045444	ST1	EET EDI	06/23/25 00:31
Total/NA	Analysis	Moisture		1	1044733	MVA	EET EDI	06/19/25 08:42

Client Sample ID: RX-10(4-6)

Lab Sample ID: 460-328732-9

Date Collected: 06/17/25 08:00

Matrix: Solid

Date Received: 06/17/25 20:00

Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1044397	JCZ	EET EDI	06/18/25 08:33
Total/NA	Analysis	8260D		1	1045199	AAT	EET EDI	06/21/25 13:44
Total/NA	Prep	3546			1044899	ARA	EET EDI	06/19/25 18:37
Total/NA	Analysis	8270E		1	1044959	MDJ	EET EDI	06/20/25 10:33
Total/NA	Prep	3546			1044574	ARA	EET EDI	06/18/25 17:35
Total/NA	Analysis	8081B		1	1044941	FAM	EET EDI	06/20/25 04:49
Total/NA	Prep	3546			1044567	ARA	EET EDI	06/18/25 17:27
Total/NA	Analysis	8082A		1	1044973	FAM	EET EDI	06/20/25 11:17
Total/NA	Prep	8151A			1044665	AXB	EET EDI	06/19/25 05:48
Total/NA	Analysis	8151A		1	1045093	SAK	EET EDI	06/21/25 12:36
Total/NA	Prep	3050B			1045188	GAE	EET EDI	06/20/25 19:05
Total/NA	Analysis	6020B		1	1045317	CDC	EET EDI	06/21/25 17:54
Total/NA	Prep	7471B			1045446	TJS	EET EDI	06/23/25 01:17
Total/NA	Analysis	7471B		1	1045578	JKF	EET EDI	06/23/25 12:31
Total/NA	Prep	3060A			1045722	MNP	EET EDI	06/24/25 08:40 - 06/24/25 09:40 [1]
Total/NA	Analysis	7196A		1	1045734	MNP	EET EDI	06/24/25 15:15
Total/NA	Prep	3060A			1045979	MNP	EET EDI	06/25/25 09:40 - 06/25/25 10:40 [1]
Total/NA	Analysis	7196A		1	1045999	MNP	EET EDI	06/25/25 10:51
Total/NA	Prep	9012B			1045427	VBG	EET EDI	06/22/25 14:52
Total/NA	Analysis	9012B		1	1045436	VBG	EET EDI	06/22/25 17:38

Client Sample ID: RX-7(0-2)

Lab Sample ID: 460-328732-10

Date Collected: 06/17/25 11:30

Matrix: Solid

Date Received: 06/17/25 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	7196A		1	1045444	ST1	EET EDI	06/23/25 00:31
Total/NA	Analysis	Moisture		1	1044733	MVA	EET EDI	06/19/25 08:42

Client Sample ID: RX-7(0-2)

Lab Sample ID: 460-328732-10

Date Collected: 06/17/25 11:30

Matrix: Solid

Date Received: 06/17/25 20:00

Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1044397	JCZ	EET EDI	06/18/25 08:33
Total/NA	Analysis	8260D		1	1045199	AAT	EET EDI	06/21/25 14:09
Total/NA	Prep	3546			1044899	ARA	EET EDI	06/19/25 18:37
Total/NA	Analysis	8270E		1	1044959	MDJ	EET EDI	06/20/25 10:50
Total/NA	Prep	3546			1044574	ARA	EET EDI	06/18/25 17:35
Total/NA	Analysis	8081B		1	1044634	FAM	EET EDI	06/19/25 10:56
Total/NA	Prep	3546			1044567	ARA	EET EDI	06/18/25 17:27
Total/NA	Analysis	8082A		1	1044816	FAM	EET EDI	06/19/25 21:17
Total/NA	Prep	8151A			1044665	AXB	EET EDI	06/19/25 05:48
Total/NA	Analysis	8151A		1	1045093	SAK	EET EDI	06/21/25 12:55
Total/NA	Prep	3050B			1045188	GAE	EET EDI	06/20/25 19:05
Total/NA	Analysis	6020B		1	1045317	CDC	EET EDI	06/21/25 18:03
Total/NA	Prep	7471B			1045446	TJS	EET EDI	06/23/25 01:17
Total/NA	Analysis	7471B		1	1045578	JKF	EET EDI	06/23/25 12:40
Total/NA	Prep	3060A			1045722	MNP	EET EDI	06/24/25 08:40 - 06/24/25 09:40 [1]
Total/NA	Analysis	7196A		1	1045734	MNP	EET EDI	06/24/25 16:05
Total/NA	Prep	3060A			1045979	MNP	EET EDI	06/25/25 09:40 - 06/25/25 10:40 [1]
Total/NA	Analysis	7196A		1	1045999	MNP	EET EDI	06/25/25 10:51
Total/NA	Prep	9012B			1045427	VBG	EET EDI	06/22/25 14:52
Total/NA	Analysis	9012B		1	1045436	VBG	EET EDI	06/22/25 17:39

Client Sample ID: RX-7(4-6)

Lab Sample ID: 460-328732-11

Date Collected: 06/17/25 11:40

Matrix: Solid

Date Received: 06/17/25 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	7196A		1	1045444	ST1	EET EDI	06/23/25 00:31
Total/NA	Analysis	Moisture		1	1044733	MVA	EET EDI	06/19/25 08:42

Client Sample ID: RX-7(4-6)

Lab Sample ID: 460-328732-11

Date Collected: 06/17/25 11:40

Matrix: Solid

Date Received: 06/17/25 20:00

Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1044397	JCZ	EET EDI	06/18/25 08:34
Total/NA	Analysis	8260D		1	1045466	AAT	EET EDI	06/23/25 11:06
Total/NA	Prep	3546			1044899	ARA	EET EDI	06/19/25 18:37
Total/NA	Analysis	8270E		1	1044959	MDJ	EET EDI	06/20/25 11:08
Total/NA	Prep	3546	DL		1044899	ARA	EET EDI	06/19/25 18:37
Total/NA	Analysis	8270E	DL	2	1044959	MDJ	EET EDI	06/20/25 12:35
Total/NA	Prep	3546			1044574	ARA	EET EDI	06/18/25 17:35
Total/NA	Analysis	8081B		1	1044634	FAM	EET EDI	06/19/25 11:08
Total/NA	Prep	3546			1044567	ARA	EET EDI	06/18/25 17:27
Total/NA	Analysis	8082A		1	1044816	FAM	EET EDI	06/19/25 21:34

Client Sample ID: RX-7(4-6)

Lab Sample ID: 460-328732-11

Date Collected: 06/17/25 11:40

Matrix: Solid

Date Received: 06/17/25 20:00

Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8151A			1044665	AXB	EET EDI	06/19/25 05:48
Total/NA	Analysis	8151A		1	1045093	SAK	EET EDI	06/21/25 13:14
Total/NA	Prep	3050B			1045188	GAE	EET EDI	06/20/25 19:05
Total/NA	Analysis	6020B		1	1045317	CDC	EET EDI	06/21/25 18:06
Total/NA	Prep	7471B			1045446	TJS	EET EDI	06/23/25 01:17
Total/NA	Analysis	7471B		1	1045578	JKF	EET EDI	06/23/25 12:43
Total/NA	Prep	3060A			1045722	MNP	EET EDI	06/24/25 08:40 - 06/24/25 09:40 [1]
Total/NA	Analysis	7196A		1	1045734	MNP	EET EDI	06/24/25 16:05
Total/NA	Prep	3060A			1045979	MNP	EET EDI	06/25/25 09:40 - 06/25/25 10:40 [1]
Total/NA	Analysis	7196A		1	1045999	MNP	EET EDI	06/25/25 10:51
Total/NA	Prep	9012B			1045427	VBG	EET EDI	06/22/25 14:52
Total/NA	Analysis	9012B		1	1045436	VBG	EET EDI	06/22/25 17:40

Client Sample ID: RX-02(0-2)

Lab Sample ID: 460-328732-12

Date Collected: 06/17/25 13:45

Matrix: Solid

Date Received: 06/17/25 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	7196A		1	1045444	ST1	EET EDI	06/23/25 00:31
Total/NA	Analysis	Moisture		1	1044733	MVA	EET EDI	06/19/25 08:42

Client Sample ID: RX-02(0-2)

Lab Sample ID: 460-328732-12

Date Collected: 06/17/25 13:45

Matrix: Solid

Date Received: 06/17/25 20:00

Percent Solids: 99.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1044397	JCZ	EET EDI	06/18/25 08:35
Total/NA	Analysis	8260D		1	1045338	AAT	EET EDI	06/22/25 08:45
Total/NA	Prep	3546			1044899	ARA	EET EDI	06/19/25 18:37
Total/NA	Analysis	8270E		1	1044959	MDJ	EET EDI	06/20/25 11:25
Total/NA	Prep	3546			1044574	ARA	EET EDI	06/18/25 17:35
Total/NA	Analysis	8081B		1	1044941	FAM	EET EDI	06/20/25 05:01
Total/NA	Prep	3546			1044567	ARA	EET EDI	06/18/25 17:27
Total/NA	Analysis	8082A		1	1044973	FAM	EET EDI	06/20/25 11:34
Total/NA	Prep	8151A			1044665	AXB	EET EDI	06/19/25 05:48
Total/NA	Analysis	8151A		1	1045093	SAK	EET EDI	06/21/25 13:33
Total/NA	Prep	3050B			1045188	GAE	EET EDI	06/20/25 19:05
Total/NA	Analysis	6020B		1	1045317	CDC	EET EDI	06/21/25 18:09
Total/NA	Prep	7471B			1045446	TJS	EET EDI	06/23/25 01:17
Total/NA	Analysis	7471B		1	1045578	JKF	EET EDI	06/23/25 12:46
Total/NA	Prep	3060A			1045722	MNP	EET EDI	06/24/25 08:40 - 06/24/25 09:40 [1]
Total/NA	Analysis	7196A		1	1045734	MNP	EET EDI	06/24/25 16:05
Total/NA	Prep	3060A			1045979	MNP	EET EDI	06/25/25 09:40 - 06/25/25 10:40 [1]
Total/NA	Analysis	7196A		1	1045999	MNP	EET EDI	06/25/25 10:51

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-02(0-2)
Lab Sample ID: 460-328732-12
Date Collected: 06/17/25 13:45
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 99.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			1045428	VBG	EET EDI	06/22/25 14:55
Total/NA	Analysis	9012B		1	1045436	VBG	EET EDI	06/22/25 17:53

Client Sample ID: RX-02(6-8)
Lab Sample ID: 460-328732-13
Date Collected: 06/17/25 13:55
Matrix: Solid
Date Received: 06/17/25 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	7196A		1	1045444	ST1	EET EDI	06/23/25 00:31
Total/NA	Analysis	Moisture		1	1044733	MVA	EET EDI	06/19/25 08:42

Client Sample ID: RX-02(6-8)
Lab Sample ID: 460-328732-13
Date Collected: 06/17/25 13:55
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1044397	JCZ	EET EDI	06/18/25 08:36
Total/NA	Analysis	8260D		1	1045199	AAT	EET EDI	06/21/25 14:59
Total/NA	Prep	3546			1044899	ARA	EET EDI	06/19/25 18:37
Total/NA	Analysis	8270E		1	1044959	MDJ	EET EDI	06/20/25 11:43
Total/NA	Prep	3546			1044574	ARA	EET EDI	06/18/25 17:35
Total/NA	Analysis	8081B		1	1044634	FAM	EET EDI	06/19/25 11:33
Total/NA	Prep	3546			1044567	ARA	EET EDI	06/18/25 17:27
Total/NA	Analysis	8082A		1	1044816	FAM	EET EDI	06/19/25 22:07
Total/NA	Prep	8151A			1044665	AXB	EET EDI	06/19/25 05:48
Total/NA	Analysis	8151A		1	1045093	SAK	EET EDI	06/21/25 13:52
Total/NA	Prep	3050B			1045188	GAE	EET EDI	06/20/25 19:05
Total/NA	Analysis	6020B		1	1045317	CDC	EET EDI	06/21/25 18:11
Total/NA	Prep	7471B			1045446	TJS	EET EDI	06/23/25 01:17
Total/NA	Analysis	7471B		1	1045578	JKF	EET EDI	06/23/25 12:49
Total/NA	Prep	3060A			1045722	MNP	EET EDI	06/24/25 08:40 - 06/24/25 09:40 [1]
Total/NA	Analysis	7196A		1	1045734	MNP	EET EDI	06/24/25 16:05
Total/NA	Prep	3060A			1045979	MNP	EET EDI	06/25/25 09:40 - 06/25/25 10:40 [1]
Total/NA	Analysis	7196A		1	1045999	MNP	EET EDI	06/25/25 10:51
Total/NA	Prep	9012B			1045428	VBG	EET EDI	06/22/25 14:55
Total/NA	Analysis	9012B		1	1045436	VBG	EET EDI	06/22/25 17:57

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Laboratory: Eurofins Edison

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
7196A		Solid	Cr (III)
7196A		Water	Cr (III)
8270E	3510C	Water	3 & 4 Methylphenol
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
8151A	Herbicides (GC)	SW846	EET EDI
6020B	Metals (ICP/MS)	SW846	EET EDI
7470A	Mercury (CVAA)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
7196A	Chromium, Hexavalent	SW846	EET EDI
7196A	Chromium, Trivalent (Colorimetric)	SW846	EET EDI
9012B	Cyanide, Total andor Amenable	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET EDI
3050B	Preparation, Metals	SW846	EET EDI
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	EET EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7470A	Preparation, Mercury	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI
8151A	Extraction (Herbicides)	SW846	EET EDI
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328732-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-328732-1	RX-05(0-2)	Solid	06/16/25 12:00	06/17/25 20:00
460-328732-2	RX-05(4-6)	Solid	06/16/25 12:10	06/17/25 20:00
460-328732-3	RX-06(0-2)	Solid	06/16/25 12:50	06/17/25 20:00
460-328732-4	DUP_SO_06162025	Solid	06/16/25 13:00	06/17/25 20:00
460-328732-5	RX-06(6-8)	Solid	06/16/25 13:50	06/17/25 20:00
460-328732-6	FB_SO_06162025	Water	06/16/25 15:50	06/17/25 20:00
460-328732-7	TRIP BLANK	Water	06/17/25 00:00	06/17/25 20:00
460-328732-8	RX-10(0-2)	Solid	06/17/25 07:45	06/17/25 20:00
460-328732-9	RX-10(4-6)	Solid	06/17/25 08:00	06/17/25 20:00
460-328732-10	RX-7(0-2)	Solid	06/17/25 11:30	06/17/25 20:00
460-328732-11	RX-7(4-6)	Solid	06/17/25 11:40	06/17/25 20:00
460-328732-12	RX-02(0-2)	Solid	06/17/25 13:45	06/17/25 20:00
460-328732-13	RX-02(6-8)	Solid	06/17/25 13:55	06/17/25 20:00

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins

Client Information	Sampler: Josue Criollo	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-196054-128294.1
Client Contact: Josue Criollo	Phone: 516 660 3060	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: Roux Environmental Eng & Geology DPC	PWSID:	Analysis Requested		Job #:
Address: 209 Shafter St	Due Date Requested:			
City: Islandia	TAT Requested (days): 5D			
State, Zip: NY 11749	Compliance Project: Δ Yes Δ No			
Phone: 631-831-8490(Tel)	PO #: Purchase Order Requested			
Email: jcriollo@rouxinc.com	WO #:			
Project Name: 35-32 College Point Blvd Flushing NY	Project #: 46046973			
Site: 35-32 College Point Blvd, Flushing, NY	SSOW#:			

460-328732 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/Part 375 VOCs	8081B TCL/Part 375 Pest, 8082A PCBs, 8151A- Herbicides	8270E TCL/Part 375 BNAs+1,4-DX	6020B, 7471B TAL Metals, 9012B Total CN	7196A Hex Chrome, 7196A_CR3 Tri Chrome										Total Number of containers	Special Instructions/Note:
				Preservation Code:			N	N	N	N	N											
RX-05(0-2)	6/16/25	1200	G	Solid			✓	✓	✓	✓	✓										5	1
RX-05(4-6)		1210	G	Solid			✓	✓	✓	✓	✓										5	2
RX-06(0-2)		1250	G	Solid		Y	✓	✓	✓	✓	✓										5	MS/MSD 3
DUP_SO-06162025		1300	G	Solid			✓	✓	✓	✓	✓										5	4
RX-06(6-8)		1350	G	Solid			✓	✓	✓	✓	✓										5	5
FB_SO_06162025		1550	G	Solid			✓	✓	✓	✓	✓										15	6
TRIP BLANK	LAB	LAB	G	Solid			✓														2	7
RX-10(0-2)	6/17/25	7:45	G	Solid			✓	✓	✓	✓	✓										5	8
RX-10(4-6)		800	G	Solid			✓	✓	✓	✓	✓										5	9
RX-7(0-2)		1130	G	Solid			✓	✓	✓	✓	✓										5	10
RX-7(4-6)		1140	G	Solid			✓	✓	✓	✓	✓										5	11

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	6/17/25 16:45	ROUX			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	6/17/25 20:00	ESS		6/17 2000	ESS

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:
	NO CS	IR#9 4.1 - 4.5

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins

Client Information	Sampler: Josue Criollo	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-196054-128294.1
Client Contact: Josue Criollo	Phone: 516 660 3060	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: Roux Environmental Eng & Geology DPC	PWSID:			Job #:
Address: 209 Shafter St	Due Date Requested:			
City: Islandia	TAT Requested (days): 5D			
State, Zip: NY 11749	Compliance Project: Δ Yes Δ No			
Phone: 631-831-8490(Tel)	PO #: Purchase Order Requested			
Email: jcriollo@rouxinc.com	WO #:			
Project Name: 35-32 College Point Blvd, Flushing, NY	Project #: 46046973			
Site: 35-32 College Point Blvd, Flushing, NY	SSOW#:			

Analysis Requested

Preservation Codes:
N None
A HCL
B NaOH
D HNO3

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/Part 375 VOCs	8081B TCL/Part 375 Pest, 8082A PCBs, 8151A- Herbicides	8270E TCL/Part 375 BNAs+1,4-DX	6020B, 7471B TAL Metals, 9012B Total CN	7196A Hex Chrome, 7196A_CR3 Tri Chrome	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	N	N	N		
RX-02(0-2)	6/17/25	1345	C	Solid			✓	✓	✓	✓	✓	5	12
RX-02(6-8)	↓	1355	G	Solid			✓	✓	✓	✓	✓	5	13
	↓			Solid									
				Solid									
				Solid									
				Solid									
				Solid									
				Solid									
				Solid									
				Solid									
				Solid									
				Solid									

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	1645 6/17/25	ROUX			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	6/17/25 2000	ET	Roux	6/17 2000	ET

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.: NO CS
Cooler Temperature(s) °C and Other Remarks: IR#9 0.6 ~ 1.0

Ver: 05/06/2024

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 328737

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	4.1 °C	4.5 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or OAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
6				<2								12			

If pH adjustments are required record the information below*

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

EDS-WI-036, Rev 4.1
10/22/2019

Initials: MM Date: 6/17/25

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-328732-1

Login Number: 328732
List Number: 1
Creator: Rivera, Kenneth

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michelle Okvist
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, New York 11749

Generated 7/10/2025 10:15:02 AM

JOB DESCRIPTION

35-32 College Point Blvd, Flushing, NY

JOB NUMBER

460-328738-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Eurofins Edison

Job Notes

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

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

Compliance Statement

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

Authorization



Generated
7/10/2025 10:15:02 AM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Definitions/Glossary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328738-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Qualifiers

LCMS

Qualifier	Qualifier Description
*	Isotope Dilution analyte is outside acceptance limits.
*	LCS or LCSD is outside acceptance limits.
*	RPD of the LCS and LCSD exceeds the control limits
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

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

Job Narrative
460-328738-1

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 6/17/2025 8:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C.

Receipt Exceptions
Backup volume for 1633 method was placed in the freezer upon receipt.

Method 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A
Samples RX-05(0-2)_P (460-328738-1), RX-05(4-6)_P (460-328738-2), RX-06(0-2)_P (460-328738-3), RX-06(0-2)_P (460-328738-3MS), RX-06(0-2)_P (460-328738-3MSD), DUP_SO_06162025_P (460-328738-4), RX-06(6-8)_P (460-328738-5), FB_SO_06162026_P (460-328738-6), RX-10(0-2)_P (460-328738-7), RX-10(4-6)_P (460-328738-8), RX-7(0-2)_P (460-328738-9), RX-7(4-6)_P (460-328738-10), RX-02(0-2)_P (460-328738-11) and RX-02(6-8)_P (460-328738-12) were analyzed for Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A. The samples were prepared on 6/22/2025, 6/23/2025, 6/25/2025 and 7/2/2025 and analyzed on 6/23/2025, 6/28/2025, 6/30/2025, 7/2/2025, 7/4/2025 and 7/8/2025.

Samples RX-06(0-2)_P (460-328738-3)[10x] and RX-7(4-6)_P (460-328738-10)[10x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Analyte Perfluorononanoic acid (PFNA) was marked as non-detect for sample RX-10(4-6)_P (460-328738-8) due to a detection below RL and failing ion ratio.

The transition mass ratio for Perfluorodecanoic acid (PFDA) in sample RX-7(0-2)_P (460-328738-9) in analytical batch 410-664231 was outside of the established ratio limits. However, analyst judgment was used to positively identify the analyte. The analyte is flagged appropriately to identify this exceedance.

Analyte Perfluoroheptanoic acid (PFHpA) was marked as non-detect for sample RX-7(4-6)_P (460-328738-10) due to a detection below RL and failing ion ratio.

Analyte Perfluorooctanesulfonic acid (PFOS) was marked as non-detect for sample RX-02(0-2)_P (460-328738-11) due to a detection below RL and failing ion ratio.

The labeled isotopes 13C5 PFHxA are outside QC acceptance limits. Since the recovery in sample RX-02(6-8)_P (460-328738-12) is less than 200%, the data is reported.

The signal to noise for target analyte(s) Perfluorohexanoic acid (PFHxA) in the following sample: RX-7(0-2)_P (460-328738-9) is less than 3.0 due to an interfering peak that is not co-eluting. Analyst judgment was used to positively identify the analyte and the data is reported.

The labeled isotopes 13C3 PFBS and 13C3 HFPO-DA are outside QC acceptance limits. Since the recovery in sample RX-06(0-2)_P (460-328738-3) is greater than 5%, and the signal to noise ratio is greater than 10:1, the data is reported.

The labeled isotopes 13C5 PFPeA are outside QC acceptance limits. Since the recovery in sample RX-06(0-2)_P (460-328738-3) is greater than 5%, and the signal to noise ratio is greater than 10:1, the data is reported.

The recovery for the labeled isotope(s) 13C5 PFPeA and 13C5 PFHxA in the laboratory control spike samples associated with the

following samples: RX-05(0-2)_P (460-328738-1) and RX-05(4-6)_P (460-328738-2) is outside the QC acceptance limits. Since the recovery for target analytes is within the limits, the data is reported.

Analyte Perfluorooctanoic acid (PFOA) was marked as non-detect for sample RX-05(4-6)_P (460-328738-2) due to a detection below RL and failing ion ratio.

The recovery for labeled isotope(s) 13C5 PFHxA, 13C3 PFBS, 13C2 4:2 FTS and 13C3 HFPO-DA were outside QC acceptance criteria in sample RX-7(4-6)_P (460-328738-10). Since the labeled isotope recoveries were greater than or equal to 5% and the signal to noise was greater than 10:1, therefore, the data is reported.

The recovery for the labeled isotope 13C5-PFPeA in the following sample: RX-7(4-6)_P (460-328738-10) is outside the QC acceptance limits.The following action was taken: This sample was re-extracted within the required holding time and the recovery for the labeled isotope(s) is within the QC acceptance limits, however, the recovery for the target analytes: Perfluoro-3-methoxypropanoic acid (PFMPA) and 3-Perfluoropropylpropanoic acid (3:3 FTCA) in the low-level laboratory control spike sample associated with the following sample: RX-7(4-6)_P (460-328738-10) outside the QC acceptance limits.

Analytes Perfluorodecanesulfonic acid (PFDS) and 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) are out of QC acceptance limits in the laboratory control spike (LCS) in sample: FB_SO_06162026_P (460-328738-6). Since the recovery for these analytes is within QC acceptance limits in the lower-level laboratory control spike (LLCS), the laboratory control spike duplicate (LCSD), and because Perfluorodecanesulfonic acid (PFDS) and 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) are non-detect in the sample, the data is reported.

Analyte Perfluorodecanesulfonic acid (PFDS) is out of QC acceptance limits in the lower-level laboratory control spike (LLCS), the laboratory control spike (LCS), and the laboratory control spike duplicate (LCSD) . Since Perfluorodecanesulfonic acid (PFDS) is non-detect in the sample, the client was contacted and the data is reported.

Method Moisture - Percent Moisture
Samples RX-05(0-2)_P (460-328738-1), RX-05(4-6)_P (460-328738-2), RX-06(0-2)_P (460-328738-3), DUP_SO_06162025_P (460-328738-4), RX-06(6-8)_P (460-328738-5), RX-10(0-2)_P (460-328738-7), RX-10(4-6)_P (460-328738-8), RX-7(0-2)_P (460-328738-9), RX-7(4-6)_P (460-328738-10), RX-02(0-2)_P (460-328738-11) and RX-02(6-8)_P (460-328738-12) were analyzed for Percent Moisture. The samples were analyzed on 6/20/2025.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328738-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-05(0-2)_P — Lab Sample ID: 460-328738-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.061	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.076	J	0.20	0.049	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.40		0.20	0.11	ug/Kg	1	☼	1633A	Total/NA

Client Sample ID: RX-05(4-6)_P — Lab Sample ID: 460-328738-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	0.13	J	0.20	0.11	ug/Kg	1	☼	1633A	Total/NA

Client Sample ID: RX-06(0-2)_P — Lab Sample ID: 460-328738-3

No Detections.

Client Sample ID: DUP_SO_06162025_P — Lab Sample ID: 460-328738-4

No Detections.

Client Sample ID: RX-06(6-8)_P — Lab Sample ID: 460-328738-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.074	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA

Client Sample ID: FB_SO_06162026_P — Lab Sample ID: 460-328738-6

No Detections.

Client Sample ID: RX-10(0-2)_P — Lab Sample ID: 460-328738-7

No Detections.

Client Sample ID: RX-10(4-6)_P — Lab Sample ID: 460-328738-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.12	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.34		0.20	0.11	ug/Kg	1	☼	1633A	Total/NA

Client Sample ID: RX-7(0-2)_P — Lab Sample ID: 460-328738-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.20		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.18	J	0.20	0.070	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.72		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.35		0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.38		0.20	0.050	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.096	J	0.20	0.050	ug/Kg	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.11	J	0.20	0.050	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.02		0.20	0.11	ug/Kg	1	☼	1633A	Total/NA
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.31		0.20	0.11	ug/Kg	1	☼	1633A	Total/NA

Client Sample ID: RX-7(4-6)_P — Lab Sample ID: 460-328738-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.16	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.39		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.20		0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.25		0.19	0.048	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: RX-7(4-6)_P (Continued)
Lab Sample ID: 460-328738-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroundecanoic acid (PFUnA)	0.099	J	0.19	0.048	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.080	J	0.19	0.048	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.42		0.19	0.11	ug/Kg	1	☼	1633A	Total/NA
Perfluoropentanoic acid (PFPeA) - RE	0.11	J	0.40	0.099	ug/Kg	1	☼	1633A	Total/NA

Client Sample ID: RX-02(0-2)_P
Lab Sample ID: 460-328738-11

No Detections.

Client Sample ID: RX-02(6-8)_P
Lab Sample ID: 460-328738-12

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328738-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-05(0-2)_P
Lab Sample ID: 460-328738-1
Date Collected: 06/17/25 12:05
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 75.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.13	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.049	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.059	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Perfluorooctanoic acid (PFOA)	**0.061**	**J**	0.20	0.059	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.059	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Perfluorodecanoic acid (PFDA)	**0.076**	**J**	0.20	0.049	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.049	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.049	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.059	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.049	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Perfluorooctanesulfonic acid (PFOS)	**0.40**		0.20	0.11	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.049	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.059	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.099	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.13	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.13	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.089	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.089	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.079	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.30	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.30	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.059	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.049	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.089	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1

Client Sample ID: RX-05(0-2)_P
Lab Sample ID: 460-328738-1
Date Collected: 06/17/25 12:05
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 75.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.079	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.049	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.39	ug/Kg	☼	06/25/25 08:08	07/02/25 05:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*102*		*8 - 130*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
13C5 PFPeA	*115*		*35 - 130*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
13C5 PFHxA	*109*		*40 - 130*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
13C4 PFHpA	*110*		*40 - 130*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
13C8 PFOA	*102*		*40 - 130*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
13C9 PFNA	*94.5*		*40 - 130*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
13C6 PFDA	*91.9*		*40 - 130*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
13C7 PFUnA	*82.8*		*40 - 130*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
13C2 PFTeDA	*73.8*		*20 - 130*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
13C3 PFBS	*97.2*		*40 - 135*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
13C3 PFHxS	*92.4*		*40 - 130*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
13C8 PFOS	*90.8*		*40 - 130*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
13C8 FOSA	*74.6*		*40 - 130*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
d3-NMeFOSAA	*65.7*		*40 - 135*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
d5-NEtFOSAA	*59.8*		*40 - 150*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
13C2 4:2 FTS	*94.2*		*40 - 165*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
13C2 6:2 FTS	*84.2*		*40 - 215*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
13C2 8:2 FTS	*77.4*		*40 - 275*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
13C3 HFPO-DA	*109*		*40 - 130*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
d7-N-MeFOSE-M	*42.3*		*20 - 130*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
d9-N-EtFOSE-M	*41.5*		*15 - 130*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
d5-NEtPFOSA	*73.7*		*10 - 130*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
d3-NMePFOSA	*74.7*		*10 - 130*	*06/25/25 08:08*	*07/02/25 05:54*	*1*
13C2 PFDoA	*78.4*		*40 - 130*	*06/25/25 08:08*	*07/02/25 05:54*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**24.8**		1.0	1.0	%			06/20/25 10:11	1

Client Sample ID: RX-05(4-6)_P
Lab Sample ID: 460-328738-2
Date Collected: 06/17/25 12:15
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 87.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.13	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.059	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Perfluorooctanoic acid (PFOA)	0.064	U	0.064	0.064	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1

Client Sample ID: RX-05(4-6)_P
Date Collected: 06/17/25 12:15
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328738-2
Matrix: Solid
Percent Solids: 87.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.059	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.059	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Perfluorooctanesulfonic acid (PFOS)	**0.13**	**J**	0.20	0.11	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.059	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.099	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.089	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.089	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.079	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.30	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.30	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.059	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.089	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.079	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1

Client Sample ID: RX-05(4-6)_P
Lab Sample ID: 460-328738-2
Date Collected: 06/17/25 12:15
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 87.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.40	ug/Kg	☼	06/25/25 08:08	07/02/25 06:07	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*99.6*		*8 - 130*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
13C5 PFPeA	*104*		*35 - 130*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
13C5 PFHxA	*95.5*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
13C4 PFHpA	*102*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
13C8 PFOA	*92.9*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
13C9 PFNA	*96.1*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
13C6 PFDA	*93.9*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
13C7 PFUnA	*94.6*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
13C2 PFTeDA	*82.7*		*20 - 130*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
13C3 PFBS	*89.1*		*40 - 135*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
13C3 PFHxS	*88.9*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
13C8 PFOS	*94.7*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
13C8 FOSA	*75.7*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
d3-NMeFOSAA	*76.6*		*40 - 135*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
d5-NEtFOSAA	*74.6*		*40 - 150*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
13C2 4:2 FTS	*86.0*		*40 - 165*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
13C2 6:2 FTS	*85.6*		*40 - 215*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
13C2 8:2 FTS	*82.0*		*40 - 275*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
13C3 HFPO-DA	*89.9*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
d7-N-MeFOSE-M	*48.8*		*20 - 130*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
d9-N-EtFOSE-M	*40.1*		*15 - 130*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
d5-NEtPFOSA	*72.9*		*10 - 130*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
d3-NMePFOSA	*74.3*		*10 - 130*	*06/25/25 08:08*	*07/02/25 06:07*	*1*
13C2 PFDoA	*96.6*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.0**		1.0	1.0	%			06/20/25 10:11	1

Client Sample ID: RX-06(0-2)_P
Lab Sample ID: 460-328738-3
Date Collected: 06/17/25 12:55
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 96.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1

Client Sample ID: RX-06(0-2)_P
Date Collected: 06/17/25 12:55
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328738-3
Matrix: Solid
Percent Solids: 96.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.10	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.090	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.090	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.080	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.30	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.30	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.090	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.080	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.40	ug/Kg	☼	06/23/25 14:42	06/28/25 00:44	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C5 PFHxA	*48.9*		*40 - 130*	*06/23/25 14:42*	*06/28/25 00:44*	*1*
13C4 PFHpA	*90.8*		*40 - 130*	*06/23/25 14:42*	*06/28/25 00:44*	*1*
13C8 PFOA	*103*		*40 - 130*	*06/23/25 14:42*	*06/28/25 00:44*	*1*
13C9 PFNA	*105*		*40 - 130*	*06/23/25 14:42*	*06/28/25 00:44*	*1*
13C6 PFDA	*110*		*40 - 130*	*06/23/25 14:42*	*06/28/25 00:44*	*1*
13C7 PFUnA	*106*		*40 - 130*	*06/23/25 14:42*	*06/28/25 00:44*	*1*
13C2 PFTeDA	*104*		*20 - 130*	*06/23/25 14:42*	*06/28/25 00:44*	*1*
13C3 PFBS	*37.5*	*	*40 - 135*	*06/23/25 14:42*	*06/28/25 00:44*	*1*

Client Sample ID: RX-06(0-2)_P
Lab Sample ID: 460-328738-3
Date Collected: 06/17/25 12:55
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 96.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	100		40 - 130	06/23/25 14:42	06/28/25 00:44	1
13C8 PFOS	104		40 - 130	06/23/25 14:42	06/28/25 00:44	1
13C8 FOSA	102		40 - 130	06/23/25 14:42	06/28/25 00:44	1
d3-NMeFOSAA	99.1		40 - 135	06/23/25 14:42	06/28/25 00:44	1
d5-NEtFOSAA	97.4		40 - 150	06/23/25 14:42	06/28/25 00:44	1
13C2 4:2 FTS	66.3		40 - 165	06/23/25 14:42	06/28/25 00:44	1
13C2 6:2 FTS	98.0		40 - 215	06/23/25 14:42	06/28/25 00:44	1
13C2 8:2 FTS	93.1		40 - 275	06/23/25 14:42	06/28/25 00:44	1
13C3 HFPO-DA	30.8	*	40 - 130	06/23/25 14:42	06/28/25 00:44	1
d7-N-MeFOSE-M	81.3		20 - 130	06/23/25 14:42	06/28/25 00:44	1
d9-N-EtFOSE-M	77.9		15 - 130	06/23/25 14:42	06/28/25 00:44	1
d5-NEtPFOSA	97.0		10 - 130	06/23/25 14:42	06/28/25 00:44	1
d3-NMePFOSA	105		10 - 130	06/23/25 14:42	06/28/25 00:44	1
13C2 PFDoA	106		40 - 130	06/23/25 14:42	06/28/25 00:44	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.99	U	3.99	1.30	ug/Kg	☼	06/23/25 14:42	06/30/25 13:09	10
Perfluoropentanoic acid (PFPeA)	1.99	U	1.99	0.50	ug/Kg	☼	06/23/25 14:42	06/30/25 13:09	10
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.99	U	1.99	0.70	ug/Kg	☼	06/23/25 14:42	06/30/25 13:09	10
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.99	U	1.99	0.50	ug/Kg	☼	06/23/25 14:42	06/30/25 13:09	10
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.99	U	3.99	1.99	ug/Kg	☼	06/23/25 14:42	06/30/25 13:09	10

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	12.6		8 - 130	06/23/25 14:42	06/30/25 13:09	10
13C5 PFPeA	5.62	*	35 - 130	06/23/25 14:42	06/30/25 13:09	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.0		1.0	1.0	%			06/20/25 10:11	1

Client Sample ID: DUP_SO_06162025_P
Lab Sample ID: 460-328738-4
Date Collected: 06/17/25 13:05
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 78.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.13	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.050	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.060	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.070	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.060	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.050	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.050	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.050	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.070	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.070	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.070	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1

Client Sample ID: DUP_SO_06162025_P
Lab Sample ID: 460-328738-4
Date Collected: 06/17/25 13:05
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 78.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.060	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.050	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.070	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.11	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.070	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.050	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.060	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.10	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.090	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.090	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.080	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.30	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.30	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.060	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.070	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.050	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.070	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.090	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.080	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.050	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.40	ug/Kg	☼	07/02/25 15:14	07/08/25 14:29	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*108*		*8 - 130*	*07/02/25 15:14*	*07/08/25 14:29*	*1*
13C5 PFPeA	*113*		*35 - 130*	*07/02/25 15:14*	*07/08/25 14:29*	*1*
13C5 PFHxA	*106*		*40 - 130*	*07/02/25 15:14*	*07/08/25 14:29*	*1*

Client Sample ID: DUP_SO_06162025_P
Lab Sample ID: 460-328738-4
Date Collected: 06/17/25 13:05
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 78.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	106		40 - 130	07/02/25 15:14	07/08/25 14:29	1
13C8 PFOA	109		40 - 130	07/02/25 15:14	07/08/25 14:29	1
13C9 PFNA	111		40 - 130	07/02/25 15:14	07/08/25 14:29	1
13C6 PFDA	97.5		40 - 130	07/02/25 15:14	07/08/25 14:29	1
13C7 PFUnA	100		40 - 130	07/02/25 15:14	07/08/25 14:29	1
13C2 PFTeDA	74.1		20 - 130	07/02/25 15:14	07/08/25 14:29	1
13C3 PFBS	109		40 - 135	07/02/25 15:14	07/08/25 14:29	1
13C3 PFHxS	107		40 - 130	07/02/25 15:14	07/08/25 14:29	1
13C8 PFOS	97.8		40 - 130	07/02/25 15:14	07/08/25 14:29	1
13C8 FOSA	89.3		40 - 130	07/02/25 15:14	07/08/25 14:29	1
d3-NMeFOSAA	87.2		40 - 135	07/02/25 15:14	07/08/25 14:29	1
d5-NEtFOSAA	85.2		40 - 150	07/02/25 15:14	07/08/25 14:29	1
13C2 4:2 FTS	109		40 - 165	07/02/25 15:14	07/08/25 14:29	1
13C2 6:2 FTS	109		40 - 215	07/02/25 15:14	07/08/25 14:29	1
13C2 8:2 FTS	98.3		40 - 275	07/02/25 15:14	07/08/25 14:29	1
13C3 HFPO-DA	110		40 - 130	07/02/25 15:14	07/08/25 14:29	1
d7-N-MeFOSE-M	68.3		20 - 130	07/02/25 15:14	07/08/25 14:29	1
d9-N-EtFOSE-M	70.3		15 - 130	07/02/25 15:14	07/08/25 14:29	1
d5-NEtPFOSA	83.3		10 - 130	07/02/25 15:14	07/08/25 14:29	1
d3-NMePFOSA	80.7		10 - 130	07/02/25 15:14	07/08/25 14:29	1
13C2 PFDoA	83.4		40 - 130	07/02/25 15:14	07/08/25 14:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	21.7		1.0	1.0	%			06/20/25 10:11	1

Client Sample ID: RX-06(6-8)_P
Lab Sample ID: 460-328738-5
Date Collected: 06/17/25 14:00
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 64.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.13	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Perfluorooctanoic acid (PFOA)	0.074	J	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328738-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-06(6-8)_P
Lab Sample ID: 460-328738-5
Date Collected: 06/17/25 14:00
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 64.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.10	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.090	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.090	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.080	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.30	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.30	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.090	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.080	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.40	ug/Kg	☼	06/23/25 14:42	06/28/25 01:38	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*108*		*8 - 130*	*06/23/25 14:42*	*06/28/25 01:38*	*1*
13C5 PFPeA	*107*		*35 - 130*	*06/23/25 14:42*	*06/28/25 01:38*	*1*
13C5 PFHxA	*107*		*40 - 130*	*06/23/25 14:42*	*06/28/25 01:38*	*1*
13C4 PFHpA	*95.1*		*40 - 130*	*06/23/25 14:42*	*06/28/25 01:38*	*1*
13C8 PFOA	*100*		*40 - 130*	*06/23/25 14:42*	*06/28/25 01:38*	*1*
13C9 PFNA	*107*		*40 - 130*	*06/23/25 14:42*	*06/28/25 01:38*	*1*
13C6 PFDA	*102*		*40 - 130*	*06/23/25 14:42*	*06/28/25 01:38*	*1*
13C7 PFUnA	*98.4*		*40 - 130*	*06/23/25 14:42*	*06/28/25 01:38*	*1*
13C2 PFTeDA	*90.8*		*20 - 130*	*06/23/25 14:42*	*06/28/25 01:38*	*1*

Client Sample ID: RX-06(6-8)_P
Lab Sample ID: 460-328738-5
Date Collected: 06/17/25 14:00
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 64.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	103		40 - 135	06/23/25 14:42	06/28/25 01:38	1
13C3 PFHxS	101		40 - 130	06/23/25 14:42	06/28/25 01:38	1
13C8 PFOS	98.9		40 - 130	06/23/25 14:42	06/28/25 01:38	1
13C8 FOSA	81.1		40 - 130	06/23/25 14:42	06/28/25 01:38	1
d3-NMeFOSAA	90.3		40 - 135	06/23/25 14:42	06/28/25 01:38	1
d5-NEtFOSAA	89.0		40 - 150	06/23/25 14:42	06/28/25 01:38	1
13C2 4:2 FTS	95.1		40 - 165	06/23/25 14:42	06/28/25 01:38	1
13C2 6:2 FTS	98.1		40 - 215	06/23/25 14:42	06/28/25 01:38	1
13C2 8:2 FTS	90.0		40 - 275	06/23/25 14:42	06/28/25 01:38	1
13C3 HFPO-DA	87.6		40 - 130	06/23/25 14:42	06/28/25 01:38	1
d7-N-MeFOSE-M	70.8		20 - 130	06/23/25 14:42	06/28/25 01:38	1
d9-N-EtFOSE-M	66.5		15 - 130	06/23/25 14:42	06/28/25 01:38	1
d5-NEtPFOSA	75.6		10 - 130	06/23/25 14:42	06/28/25 01:38	1
d3-NMePFOSA	72.7		10 - 130	06/23/25 14:42	06/28/25 01:38	1
13C2 PFDoA	92.9		40 - 130	06/23/25 14:42	06/28/25 01:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	35.1		1.0	1.0	%			06/20/25 10:11	1

Client Sample ID: FB_SO_06162026_P
Lab Sample ID: 460-328738-6
Date Collected: 06/17/25 16:00
Matrix: Water
Date Received: 06/17/25 20:00

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	2.92	U	2.92	0.80	ng/L		06/22/25 10:07	06/23/25 17:12	1
Perfluoropentanoic acid (PFPeA)	1.46	U	1.46	0.44	ng/L		06/22/25 10:07	06/23/25 17:12	1
Perfluorohexanoic acid (PFHxA)	1.46	U	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
Perfluoroheptanoic acid (PFHpA)	1.46	U	1.46	0.58	ng/L		06/22/25 10:07	06/23/25 17:12	1
Perfluorooctanoic acid (PFOA)	1.46	U	1.46	0.66	ng/L		06/22/25 10:07	06/23/25 17:12	1
Perfluorononanoic acid (PFNA)	1.46	U	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
Perfluorodecanoic acid (PFDA)	1.46	U	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
Perfluoroundecanoic acid (PFUnA)	1.46	U	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
Perfluorododecanoic acid (PFDoA)	1.46	U	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
Perfluorotridecanoic acid (PFTrDA)	1.46	U	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
Perfluorotetradecanoic acid (PFTeDA)	1.46	U	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
Perfluorobutanesulfonic acid (PFBS)	1.46	U	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
Perfluoropentanesulfonic acid (PFPeS)	1.46	U	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
Perfluorohexanesulfonic acid (PFHxS)	1.46	U	1.46	0.58	ng/L		06/22/25 10:07	06/23/25 17:12	1
Perfluoroheptanesulfonic acid (PFHpS)	1.46	U	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
Perfluorooctanesulfonic acid (PFOS)	1.46	U	1.46	0.95	ng/L		06/22/25 10:07	06/23/25 17:12	1
Perfluorononanesulfonic acid (PFNS)	1.46	U	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
Perfluorodecanesulfonic acid (PFDS)	1.46	U *	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
Perfluorododecanesulfonic acid (PFDoS)	1.46	U *	1.46	0.44	ng/L		06/22/25 10:07	06/23/25 17:12	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	2.92	U	2.92	0.73	ng/L		06/22/25 10:07	06/23/25 17:12	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328738-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: FB_SO_06162026_P
Lab Sample ID: 460-328738-6
Date Collected: 06/17/25 16:00
Matrix: Water
Date Received: 06/17/25 20:00

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	2.92	U	2.92	0.73	ng/L		06/22/25 10:07	06/23/25 17:12	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	2.92	U	2.92	0.73	ng/L		06/22/25 10:07	06/23/25 17:12	1
Perfluorooctanesulfonamide (PFOSA)	1.46	U	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.46	U	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.46	U	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.46	U	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.46	U	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	7.30	U	7.30	1.82	ng/L		06/22/25 10:07	06/23/25 17:12	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	7.30	U	7.30	2.92	ng/L		06/22/25 10:07	06/23/25 17:12	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.46	U	1.46	1.02	ng/L		06/22/25 10:07	06/23/25 17:12	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.46	U	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.46	U	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.46	U	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.46	U	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.46	U	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.46	U *	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.46	U	1.46	0.36	ng/L		06/22/25 10:07	06/23/25 17:12	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	2.92	U	2.92	0.73	ng/L		06/22/25 10:07	06/23/25 17:12	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	7.30	U	7.30	2.04	ng/L		06/22/25 10:07	06/23/25 17:12	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	7.30	U	7.30	1.82	ng/L		06/22/25 10:07	06/23/25 17:12	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*109*		*5 - 130*	*06/22/25 10:07*	*06/23/25 17:12*	*1*
13C5 PFPeA	*104*		*40 - 130*	*06/22/25 10:07*	*06/23/25 17:12*	*1*
13C5 PFHxA	*103*		*40 - 130*	*06/22/25 10:07*	*06/23/25 17:12*	*1*
13C4 PFHpA	*96.8*		*40 - 130*	*06/22/25 10:07*	*06/23/25 17:12*	*1*
13C8 PFOA	*109*		*40 - 130*	*06/22/25 10:07*	*06/23/25 17:12*	*1*
13C9 PFNA	*106*		*40 - 130*	*06/22/25 10:07*	*06/23/25 17:12*	*1*
13C6 PFDA	*105*		*40 - 130*	*06/22/25 10:07*	*06/23/25 17:12*	*1*
13C7 PFUnA	*104*		*30 - 130*	*06/22/25 10:07*	*06/23/25 17:12*	*1*
13C2 PFTeDA	*105*		*10 - 130*	*06/22/25 10:07*	*06/23/25 17:12*	*1*
13C3 PFBS	*102*		*40 - 135*	*06/22/25 10:07*	*06/23/25 17:12*	*1*
13C3 PFHxS	*100*		*40 - 130*	*06/22/25 10:07*	*06/23/25 17:12*	*1*
13C8 PFOS	*104*		*40 - 130*	*06/22/25 10:07*	*06/23/25 17:12*	*1*
13C8 FOSA	*83.9*		*40 - 130*	*06/22/25 10:07*	*06/23/25 17:12*	*1*
d3-NMeFOSAA	*90.4*		*40 - 170*	*06/22/25 10:07*	*06/23/25 17:12*	*1*

Client Sample ID: FB_SO_06162026_P
Lab Sample ID: 460-328738-6
Date Collected: 06/17/25 16:00
Matrix: Water
Date Received: 06/17/25 20:00

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	94.2		25 - 135	06/22/25 10:07	06/23/25 17:12	1
13C2 4:2 FTS	103		40 - 200	06/22/25 10:07	06/23/25 17:12	1
13C2 6:2 FTS	113		40 - 200	06/22/25 10:07	06/23/25 17:12	1
13C2 8:2 FTS	102		40 - 300	06/22/25 10:07	06/23/25 17:12	1
13C3 HFPO-DA	96.1		40 - 130	06/22/25 10:07	06/23/25 17:12	1
d7-N-MeFOSE-M	78.6		10 - 130	06/22/25 10:07	06/23/25 17:12	1
d9-N-EtFOSE-M	75.5		10 - 130	06/22/25 10:07	06/23/25 17:12	1
d5-NEtPFOSA	70.5		10 - 130	06/22/25 10:07	06/23/25 17:12	1
d3-NMePFOSA	73.2		10 - 130	06/22/25 10:07	06/23/25 17:12	1
13C2 PFDoA	106		10 - 130	06/22/25 10:07	06/23/25 17:12	1

Client Sample ID: RX-10(0-2)_P
Lab Sample ID: 460-328738-7
Date Collected: 06/17/25 07:50
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 89.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.13	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.10	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.090	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.090	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.080	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1

Client Sample ID: RX-10(0-2)_P
Date Collected: 06/17/25 07:50
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328738-7
Matrix: Solid
Percent Solids: 89.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.30	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.30	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.090	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.080	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.40	ug/Kg	☼	06/23/25 14:42	06/28/25 01:52	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*9.21*		*8 - 130*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
13C5 PFPeA	*57.6*		*35 - 130*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
13C5 PFHxA	*104*		*40 - 130*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
13C4 PFHpA	*98.3*		*40 - 130*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
13C8 PFOA	*95.1*		*40 - 130*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
13C9 PFNA	*100*		*40 - 130*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
13C6 PFDA	*103*		*40 - 130*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
13C7 PFUnA	*105*		*40 - 130*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
13C2 PFTeDA	*93.4*		*20 - 130*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
13C3 PFBS	*104*		*40 - 135*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
13C3 PFHxS	*102*		*40 - 130*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
13C8 PFOS	*106*		*40 - 130*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
13C8 FOSA	*91.9*		*40 - 130*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
d3-NMeFOSAA	*99.2*		*40 - 135*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
d5-NEtFOSAA	*95.5*		*40 - 150*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
13C2 4:2 FTS	*101*		*40 - 165*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
13C2 6:2 FTS	*99.5*		*40 - 215*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
13C2 8:2 FTS	*93.5*		*40 - 275*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
13C3 HFPO-DA	*84.9*		*40 - 130*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
d7-N-MeFOSE-M	*66.6*		*20 - 130*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
d9-N-EtFOSE-M	*67.9*		*15 - 130*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
d5-NEtPFOSA	*92.5*		*10 - 130*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
d3-NMePFOSA	*94.2*		*10 - 130*	*06/23/25 14:42*	*06/28/25 01:52*	*1*
13C2 PFDoA	*101*		*40 - 130*	*06/23/25 14:42*	*06/28/25 01:52*	*1*

Client Sample ID: RX-10(0-2)_P
Lab Sample ID: 460-328738-7
Date Collected: 06/17/25 07:50
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 89.3

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.7		1.0	1.0	%			06/20/25 10:11	1

Client Sample ID: RX-10(4-6)_P
Lab Sample ID: 460-328738-8
Date Collected: 06/17/25 08:05
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 82.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.13	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Perfluorooctanoic acid (PFOA)	0.12	J	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Perfluorononanoic acid (PFNA)	0.070	U	0.070	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Perfluorooctanesulfonic acid (PFOS)	0.34		0.20	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.10	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.090	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.090	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.080	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.30	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.30	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328738-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-10(4-6)_P
Lab Sample ID: 460-328738-8
Date Collected: 06/17/25 08:05
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 82.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.090	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.080	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.40	ug/Kg	☼	06/23/25 14:42	06/28/25 02:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*112*		*8 - 130*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
13C5 PFPeA	*110*		*35 - 130*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
13C5 PFHxA	*101*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
13C4 PFHpA	*101*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
13C8 PFOA	*101*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
13C9 PFNA	*97.7*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
13C6 PFDA	*98.1*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
13C7 PFUnA	*102*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
13C2 PFTeDA	*102*		*20 - 130*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
13C3 PFBS	*121*		*40 - 135*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
13C3 PFHxS	*95.1*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
13C8 PFOS	*86.9*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
13C8 FOSA	*91.5*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
d3-NMeFOSAA	*82.4*		*40 - 135*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
d5-NEtFOSAA	*84.4*		*40 - 150*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
13C2 4:2 FTS	*105*		*40 - 165*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
13C2 6:2 FTS	*107*		*40 - 215*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
13C2 8:2 FTS	*93.2*		*40 - 275*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
13C3 HFPO-DA	*87.2*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
d7-N-MeFOSE-M	*79.5*		*20 - 130*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
d9-N-EtFOSE-M	*77.4*		*15 - 130*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
d5-NEtPFOSA	*85.1*		*10 - 130*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
d3-NMePFOSA	*89.7*		*10 - 130*	*06/23/25 14:42*	*06/28/25 02:05*	*1*
13C2 PFDoA	*96.8*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**17.8**		1.0	1.0	%			06/20/25 10:11	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328738-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-7(0-2)_P
Lab Sample ID: 460-328738-9
Date Collected: 06/17/25 11:35
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 92.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.13	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Perfluorohexanoic acid (PFHxA)	**0.20**		0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Perfluoroheptanoic acid (PFHpA)	**0.18**	**J**	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Perfluorooctanoic acid (PFOA)	**0.72**		0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Perfluorononanoic acid (PFNA)	**0.35**		0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Perfluorodecanoic acid (PFDA)	**0.38**		0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Perfluoroundecanoic acid (PFUnA)	**0.096**	**J**	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Perfluorododecanoic acid (PFDoA)	**0.11**	**J**	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Perfluorooctanesulfonic acid (PFOS)	**1.02**		0.20	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.099	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.090	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.090	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.080	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	**0.31**		0.20	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.30	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.30	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.070	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1

Client Sample ID: RX-7(0-2)_P
Lab Sample ID: 460-328738-9
Date Collected: 06/17/25 11:35
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 92.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.090	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.080	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.40	ug/Kg	☼	06/23/25 14:42	06/28/25 02:19	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*105*		*8 - 130*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
13C5 PFPeA	*99.5*		*35 - 130*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
13C5 PFHxA	*96.9*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
13C4 PFHpA	*85.4*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
13C8 PFOA	*98.5*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
13C9 PFNA	*99.7*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
13C6 PFDA	*99.9*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
13C7 PFUnA	*96.4*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
13C2 PFTeDA	*97.0*		*20 - 130*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
13C3 PFBS	*107*		*40 - 135*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
13C3 PFHxS	*109*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
13C8 PFOS	*103*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
13C8 FOSA	*110*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
d3-NMeFOSAA	*81.2*		*40 - 135*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
d5-NEtFOSAA	*83.7*		*40 - 150*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
13C2 4:2 FTS	*96.8*		*40 - 165*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
13C2 6:2 FTS	*93.1*		*40 - 215*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
13C2 8:2 FTS	*83.5*		*40 - 275*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
13C3 HFPO-DA	*76.4*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
d7-N-MeFOSE-M	*56.5*		*20 - 130*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
d9-N-EtFOSE-M	*50.5*		*15 - 130*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
d5-NEtPFOSA	*53.4*		*10 - 130*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
d3-NMePFOSA	*61.0*		*10 - 130*	*06/23/25 14:42*	*06/28/25 02:19*	*1*
13C2 PFDoA	*91.1*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.8**		1.0	1.0	%			06/20/25 10:11	1

Client Sample ID: RX-7(4-6)_P
Lab Sample ID: 460-328738-10
Date Collected: 06/17/25 11:45
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 88.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	**0.16**	**J**	0.19	0.058	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
Perfluoroheptanoic acid (PFHpA)	0.17	U	0.17	0.17	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
Perfluorooctanoic acid (PFOA)	**0.39**		0.19	0.058	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328738-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-7(4-6)_P
Lab Sample ID: 460-328738-10
Date Collected: 06/17/25 11:45
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 88.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanoic acid (PFNA)	**0.20**		0.19	0.058	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
Perfluorodecanoic acid (PFDA)	**0.25**		0.19	0.048	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
Perfluoroundecanoic acid (PFUnA)	**0.099**	**J**	0.19	0.048	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.048	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
Perfluorotridecanoic acid (PFTrDA)	0.19	U	0.19	0.067	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.067	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.067	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.058	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
Perfluorohexanesulfonic acid (PFHxS)	**0.080**	**J**	0.19	0.048	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.067	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
Perfluorooctanesulfonic acid (PFOS)	**0.42**		0.19	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.067	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.048	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.058	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.096	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.13	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.13	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.087	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.087	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.077	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.29	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.29	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.058	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.067	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.087	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.077	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.048	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.39	ug/Kg	☼	06/23/25 14:42	06/28/25 02:33	1

Client Sample ID: RX-7(4-6)_P
Lab Sample ID: 460-328738-10

Date Collected: 06/17/25 11:45
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 88.3

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C5 PFHxA	*26.7*	*	*40 - 130*	*06/23/25 14:42*	*06/28/25 02:33*	*1*
13C4 PFHpA	*89.8*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:33*	*1*
13C8 PFOA	*97.3*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:33*	*1*
13C9 PFNA	*99.8*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:33*	*1*
13C6 PFDA	*104*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:33*	*1*
13C7 PFUnA	*99.8*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:33*	*1*
13C2 PFTeDA	*75.7*		*20 - 130*	*06/23/25 14:42*	*06/28/25 02:33*	*1*
13C3 PFBS	*23.7*	*	*40 - 135*	*06/23/25 14:42*	*06/28/25 02:33*	*1*
13C3 PFHxS	*106*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:33*	*1*
13C8 PFOS	*99.0*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:33*	*1*
13C8 FOSA	*119*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:33*	*1*
d3-NMeFOSAA	*91.4*		*40 - 135*	*06/23/25 14:42*	*06/28/25 02:33*	*1*
d5-NEtFOSAA	*90.4*		*40 - 150*	*06/23/25 14:42*	*06/28/25 02:33*	*1*
13C2 4:2 FTS	*31.9*	*	*40 - 165*	*06/23/25 14:42*	*06/28/25 02:33*	*1*
13C2 6:2 FTS	*81.7*		*40 - 215*	*06/23/25 14:42*	*06/28/25 02:33*	*1*
13C2 8:2 FTS	*82.1*		*40 - 275*	*06/23/25 14:42*	*06/28/25 02:33*	*1*
13C3 HFPO-DA	*17.1*	*	*40 - 130*	*06/23/25 14:42*	*06/28/25 02:33*	*1*
d7-N-MeFOSE-M	*76.6*		*20 - 130*	*06/23/25 14:42*	*06/28/25 02:33*	*1*
d9-N-EtFOSE-M	*57.1*		*15 - 130*	*06/23/25 14:42*	*06/28/25 02:33*	*1*
d5-NEtPFOSA	*87.2*		*10 - 130*	*06/23/25 14:42*	*06/28/25 02:33*	*1*
d3-NMePFOSA	*105*		*10 - 130*	*06/23/25 14:42*	*06/28/25 02:33*	*1*
13C2 PFDoA	*98.6*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:33*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.86	U	3.86	1.25	ug/Kg	☼	06/23/25 14:42	06/30/25 13:22	10

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*11.9*		*8 - 130*	*06/23/25 14:42*	*06/30/25 13:22*	*10*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	**0.11**	**J**	0.40	0.099	ug/Kg	☼	07/02/25 07:41	07/04/25 12:05	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.40	U *	0.40	0.14	ug/Kg	☼	07/02/25 07:41	07/04/25 12:05	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.40	U	0.40	0.099	ug/Kg	☼	07/02/25 07:41	07/04/25 12:05	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.80	U *	0.80	0.40	ug/Kg	☼	07/02/25 07:41	07/04/25 12:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C5 PFPeA	*104*		*35 - 130*	*07/02/25 07:41*	*07/04/25 12:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.7**		1.0	1.0	%			06/20/25 10:11	1

Client Sample ID: RX-02(0-2)_P
Lab Sample ID: 460-328738-11

Date Collected: 06/17/25 13:50
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 97.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.13	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1

Client Sample ID: RX-02(0-2)_P
Date Collected: 06/17/25 13:50
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328738-11
Matrix: Solid
Percent Solids: 97.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.069	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.069	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.069	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.069	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.069	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
Perfluorooctanesulfonic acid (PFOS)	0.12	U	0.12	0.12	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.069	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.099	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.089	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.089	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.079	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.30	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.30	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.060	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.069	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.069	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.089	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.079	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1

Client Sample ID: RX-02(0-2)_P
Lab Sample ID: 460-328738-11
Date Collected: 06/17/25 13:50
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 97.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.050	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.40	ug/Kg	☼	06/23/25 14:42	06/28/25 02:46	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*114*		*8 - 130*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
13C5 PFPeA	*107*		*35 - 130*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
13C5 PFHxA	*104*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
13C4 PFHpA	*95.5*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
13C8 PFOA	*102*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
13C9 PFNA	*102*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
13C6 PFDA	*102*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
13C7 PFUnA	*97.0*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
13C2 PFTeDA	*105*		*20 - 130*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
13C3 PFBS	*109*		*40 - 135*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
13C3 PFHxS	*110*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
13C8 PFOS	*106*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
13C8 FOSA	*87.3*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
d3-NMeFOSAA	*85.2*		*40 - 135*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
d5-NEtFOSAA	*84.4*		*40 - 150*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
13C2 4:2 FTS	*111*		*40 - 165*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
13C2 6:2 FTS	*110*		*40 - 215*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
13C2 8:2 FTS	*96.5*		*40 - 275*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
13C3 HFPO-DA	*85.8*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
d7-N-MeFOSE-M	*75.5*		*20 - 130*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
d9-N-EtFOSE-M	*77.7*		*15 - 130*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
d5-NEtPFOSA	*93.0*		*10 - 130*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
d3-NMePFOSA	*92.5*		*10 - 130*	*06/23/25 14:42*	*06/28/25 02:46*	*1*
13C2 PFDoA	*102*		*40 - 130*	*06/23/25 14:42*	*06/28/25 02:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.6**		1.0	1.0	%			06/20/25 10:11	1

Client Sample ID: RX-02(6-8)_P
Lab Sample ID: 460-328738-12
Date Collected: 06/17/25 14:00
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 78.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.13	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.048	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.058	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.067	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.058	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Perfluorononanoic acid (PFNA)	0.19	U	0.19	0.058	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Perfluorodecanoic acid (PFDA)	0.19	U	0.19	0.048	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328738-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-02(6-8)_P
Lab Sample ID: 460-328738-12
Date Collected: 06/17/25 14:00
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 78.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroundecanoic acid (PFUnA)	0.19	U	0.19	0.048	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.048	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Perfluorotridecanoic acid (PFTrDA)	0.19	U	0.19	0.067	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.067	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.067	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.058	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.048	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.067	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.067	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.048	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.058	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.096	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.13	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.13	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.087	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.087	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.096	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.077	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.96	U	0.96	0.29	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.96	U	0.96	0.29	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.11	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.058	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.067	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.048	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.067	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.087	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.077	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.048	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.96	U	0.96	0.48	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1

Client Sample ID: RX-02(6-8)_P
Lab Sample ID: 460-328738-12

Date Collected: 06/17/25 14:00
Matrix: Solid

Date Received: 06/17/25 20:00
Percent Solids: 78.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.96	U	0.96	0.39	ug/Kg	☼	06/23/25 14:42	06/28/25 03:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*11.9*		*8 - 130*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
13C5 PFPeA	*67.8*		*35 - 130*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
13C5 PFHxA	*132*	*	*40 - 130*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
13C4 PFHpA	*116*		*40 - 130*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
13C8 PFOA	*113*		*40 - 130*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
13C9 PFNA	*120*		*40 - 130*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
13C6 PFDA	*122*		*40 - 130*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
13C7 PFUnA	*125*		*40 - 130*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
13C2 PFTeDA	*109*		*20 - 130*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
13C3 PFBS	*124*		*40 - 135*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
13C3 PFHxS	*118*		*40 - 130*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
13C8 PFOS	*117*		*40 - 130*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
13C8 FOSA	*103*		*40 - 130*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
d3-NMeFOSAA	*129*		*40 - 135*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
d5-NEtFOSAA	*125*		*40 - 150*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
13C2 4:2 FTS	*120*		*40 - 165*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
13C2 6:2 FTS	*122*		*40 - 215*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
13C2 8:2 FTS	*115*		*40 - 275*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
13C3 HFPO-DA	*108*		*40 - 130*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
d7-N-MeFOSE-M	*90.4*		*20 - 130*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
d9-N-EtFOSE-M	*92.0*		*15 - 130*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
d5-NEtPFOSA	*113*		*10 - 130*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
d3-NMePFOSA	*109*		*10 - 130*	*06/23/25 14:42*	*06/28/25 03:00*	*1*
13C2 PFDoA	*120*		*40 - 130*	*06/23/25 14:42*	*06/28/25 03:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**21.1**		1.0	1.0	%			06/20/25 10:11	1

Isotope Dilution Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328738-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (8-130)	PFPeA (35-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (40-130)
460-328738-1	RX-05(0-2)_P	102	115	109	110	102	94.5	91.9	82.8
460-328738-2	RX-05(4-6)_P	99.6	104	95.5	102	92.9	96.1	93.9	94.6
460-328738-3	RX-06(0-2)_P			48.9	90.8	103	105	110	106
460-328738-3 - DL	RX-06(0-2)_P	12.6	5.62 *						
460-328738-3 MS	RX-06(0-2)_P	107	97.1	100	88.3	99.2	102	105	101
460-328738-3 MSD	RX-06(0-2)_P	103	107	114	102	106	106	113	110
460-328738-4	DUP_SO_06162025_P	108	113	106	106	109	111	97.5	100
460-328738-5	RX-06(6-8)_P	108	107	107	95.1	100	107	102	98.4
460-328738-7	RX-10(0-2)_P	9.21	57.6	104	98.3	95.1	100	103	105
460-328738-8	RX-10(4-6)_P	112	110	101	101	101	97.7	98.1	102
460-328738-9	RX-7(0-2)_P	105	99.5	96.9	85.4	98.5	99.7	99.9	96.4
460-328738-10	RX-7(4-6)_P			26.7 *	89.8	97.3	99.8	104	99.8
460-328738-10 - DL	RX-7(4-6)_P	11.9							
460-328738-10 - RE	RX-7(4-6)_P		104						
460-328738-11	RX-02(0-2)_P	114	107	104	95.5	102	102	102	97.0
460-328738-12	RX-02(6-8)_P	11.9	67.8	132 *	116	113	120	122	125
480-230381-A-4-B MS	Matrix Spike	104	110	101	100	103	103	98.2	93.9
480-230381-A-4-C MSD	Matrix Spike Duplicate	107	103	108	98.3	105	99.0	102	100
LCS 410-661510/2-A	Lab Control Sample	104	108	104	94.4	95.3	96.5	96.4	94.5
LCS 410-662487/2-A	Lab Control Sample	120	141 *	132 *	124	113	101	98.7	94.1
LCS 410-665984/2-A	Lab Control Sample	13.1	80.7	116	113	113	111	102	97.1
LCS 410-666244/2-A	Lab Control Sample	90.4	94.0	95.0	90.5	84.6	88.0	85.4	85.8
LCSD 410-665984/3-A	Lab Control Sample Dup	33.7	61.7	136 *	135 *	131 *	136 *	121	128
LLCS 410-661510/3-A	Lab Control Sample	97.4	92.6	94.1	82.2	86.4	85.7	88.2	89.1
LLCS 410-662487/3-A	Lab Control Sample	113	121	124	118	104	110	101	90.4
LLCS 410-665984/4-A	Lab Control Sample	118	117	115	118	115	112	103	103
LLCS 410-666244/3-A	Lab Control Sample	106	107	109	103	104	106	91.8	87.7
MB 410-661510/1-A	Method Blank	87.5	85.5	81.1	79.9	80.2	79.5	82.9	82.6
MB 410-662487/1-A	Method Blank	106	120	114	102	91.5	82.2	69.6	68.1
MB 410-665984/1-A	Method Blank	2.97 *	46.5	98.0	97.8	105	98.8	95.1	97.9
MB 410-666244/1-A	Method Blank	97.4	101	101	96.4	90.3	108	86.8	83.0

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (20-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)	M242FTS (40-165)
460-328738-1	RX-05(0-2)_P	73.8	97.2	92.4	90.8	74.6	65.7	59.8	94.2
460-328738-2	RX-05(4-6)_P	82.7	89.1	88.9	94.7	75.7	76.6	74.6	86.0
460-328738-3	RX-06(0-2)_P	104	37.5 *	100	104	102	99.1	97.4	66.3
460-328738-3 - DL	RX-06(0-2)_P								
460-328738-3 MS	RX-06(0-2)_P	95.7	107	108	101	102	90.3	88.9	98.7
460-328738-3 MSD	RX-06(0-2)_P	103	107	110	112	105	99.7	99.5	103
460-328738-4	DUP_SO_06162025_P	74.1	109	107	97.8	89.3	87.2	85.2	109
460-328738-5	RX-06(6-8)_P	90.8	103	101	98.9	81.1	90.3	89.0	95.1
460-328738-7	RX-10(0-2)_P	93.4	104	102	106	91.9	99.2	95.5	101
460-328738-8	RX-10(4-6)_P	102	121	95.1	86.9	91.5	82.4	84.4	105
460-328738-9	RX-7(0-2)_P	97.0	107	109	103	110	81.2	83.7	96.8
460-328738-10	RX-7(4-6)_P	75.7	23.7 *	106	99.0	119	91.4	90.4	31.9 *
460-328738-10 - DL	RX-7(4-6)_P								
460-328738-10 - RE	RX-7(4-6)_P								
460-328738-11	RX-02(0-2)_P	105	109	110	106	87.3	85.2	84.4	111

Isotope Dilution Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328738-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (20-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)	M242FTS (40-165)
460-328738-12	RX-02(6-8)_P	109	124	118	117	103	129	125	120
480-230381-A-4-B MS	Matrix Spike	93.6	101	96.1	93.9	81.2	80.9	83.5	85.1
480-230381-A-4-C MSD	Matrix Spike Duplicate	81.3	99.0	94.4	103	79.6	88.0	81.5	84.8
LCS 410-661510/2-A	Lab Control Sample	90.2	94.8	96.2	92.4	79.7	92.9	85.6	94.2
LCS 410-662487/2-A	Lab Control Sample	69.3	119	112	87.4	88.1	84.5	80.6	119
LCS 410-665984/2-A	Lab Control Sample	91.2	101	103	98.7	99.2	110	109	115
LCS 410-666244/2-A	Lab Control Sample	76.1	87.8	87.5	88.6	73.9	77.1	71.0	89.7
LCSD 410-665984/3-A	Lab Control Sample Dup	112	115	123	114	114	121	117	128
LLCS 410-661510/3-A	Lab Control Sample	88.6	83.8	84.6	89.4	73.4	90.0	85.0	89.1
LLCS 410-662487/3-A	Lab Control Sample	66.8	100	93.0	98.2	82.1	85.3	74.7	99.1
LLCS 410-665984/4-A	Lab Control Sample	88.6	94.5	105	109	94.8	106	101	103
LLCS 410-666244/3-A	Lab Control Sample	68.8	103	102	95.7	82.5	81.1	74.8	106
MB 410-661510/1-A	Method Blank	77.3	81.1	83.4	78.9	64.2	75.7	71.1	82.8
MB 410-662487/1-A	Method Blank	78.2	89.2	64.8	50.4	71.8	75.1	68.0	97.2
MB 410-665984/1-A	Method Blank	72.5	92.0	95.3	104	91.4	99.0	95.6	93.0
MB 410-666244/1-A	Method Blank	76.0	101	100	93.6	80.1	88.4	85.1	104

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (40-130)
460-328738-1	RX-05(0-2)_P	84.2	77.4	109	42.3	41.5	73.7	74.7	78.4
460-328738-2	RX-05(4-6)_P	85.6	82.0	89.9	48.8	40.1	72.9	74.3	96.6
460-328738-3	RX-06(0-2)_P	98.0	93.1	30.8 *	81.3	77.9	97.0	105	106
460-328738-3 - DL	RX-06(0-2)_P								
460-328738-3 MS	RX-06(0-2)_P	101	94.2	80.3	78.6	73.7	79.0	88.4	96.2
460-328738-3 MSD	RX-06(0-2)_P	101	95.8	92.7	80.7	80.1	102	110	106
460-328738-4	DUP_SO_06162025_P	109	98.3	110	68.3	70.3	83.3	80.7	83.4
460-328738-5	RX-06(6-8)_P	98.1	90.0	87.6	70.8	66.5	75.6	72.7	92.9
460-328738-7	RX-10(0-2)_P	99.5	93.5	84.9	66.6	67.9	92.5	94.2	101
460-328738-8	RX-10(4-6)_P	107	93.2	87.2	79.5	77.4	85.1	89.7	96.8
460-328738-9	RX-7(0-2)_P	93.1	83.5	76.4	56.5	50.5	53.4	61.0	91.1
460-328738-10	RX-7(4-6)_P	81.7	82.1	17.1 *	76.6	57.1	87.2	105	98.6
460-328738-10 - DL	RX-7(4-6)_P								
460-328738-10 - RE	RX-7(4-6)_P								
460-328738-11	RX-02(0-2)_P	110	96.5	85.8	75.5	77.7	93.0	92.5	102
460-328738-12	RX-02(6-8)_P	122	115	108	90.4	92.0	113	109	120
480-230381-A-4-B MS	Matrix Spike	99.4	88.4	103	53.7	51.1	71.3	77.7	90.2
480-230381-A-4-C MSD	Matrix Spike Duplicate	94.0	88.1	95.0	56.3	50.9	69.8	75.7	89.3
LCS 410-661510/2-A	Lab Control Sample	99.9	84.8	86.8	67.0	63.3	76.0	74.3	90.8
LCS 410-662487/2-A	Lab Control Sample	124	98.7	117	60.9	50.5	70.3	79.5	92.9
LCS 410-665984/2-A	Lab Control Sample	110	96.1	96.1	89.6	84.4	85.1	88.3	99.1
LCS 410-666244/2-A	Lab Control Sample	91.9	82.3	91.7	51.6	48.0	60.8	64.1	73.0
LCSD 410-665984/3-A	Lab Control Sample Dup	137	113	117	99.7	96.4	105	109	125
LLCS 410-661510/3-A	Lab Control Sample	86.0	82.0	73.9	66.4	63.4	72.0	68.5	85.3
LLCS 410-662487/3-A	Lab Control Sample	99.3	89.2	115	42.0	34.3	64.2	75.3	83.5
LLCS 410-665984/4-A	Lab Control Sample	120	98.7	99.1	90.8	83.7	69.4	74.7	104
LLCS 410-666244/3-A	Lab Control Sample	106	93.5	106	60.2	47.3	62.4	67.2	77.0
MB 410-661510/1-A	Method Blank	83.4	77.4	75.2	51.3	48.2	54.7	53.0	80.4
MB 410-662487/1-A	Method Blank	92.7	75.6	112	65.2	62.7	63.9	68.4	73.1
MB 410-665984/1-A	Method Blank	93.0	91.0	84.5	80.1	73.6	78.7	83.3	96.5
MB 410-666244/1-A	Method Blank	101	88.8	97.3	62.8	58.3	69.3	73.9	74.6

Isotope Dilution Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328738-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(5-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(30-130)
460-328738-6	FB_SO_06162026_P	109	104	103	96.8	109	106	105	104
LCS 410-661075/2-A	Lab Control Sample	92.0	90.4	92.7	88.2	86.8	93.1	85.7	85.9
LCSD 410-661075/3-A	Lab Control Sample Dup	103	103	102	98.0	97.6	92.7	97.7	98.9
LLCS 410-661075/4-A	Lab Control Sample	102	102	100	101	94.1	97.5	90.6	88.8
MB 410-661075/1-A	Method Blank	97.7	97.6	101	92.7	92.2	92.2	87.3	87.9

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(10-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-170)	(25-135)	(40-200)
460-328738-6	FB_SO_06162026_P	105	102	100	104	83.9	90.4	94.2	103
LCS 410-661075/2-A	Lab Control Sample	43.9	91.3	88.3	85.8	67.6	70.8	74.1	90.3
LCSD 410-661075/3-A	Lab Control Sample Dup	53.8	97.3	92.8	96.7	78.0	77.0	85.5	93.8
LLCS 410-661075/4-A	Lab Control Sample	42.9	96.1	95.5	91.4	75.3	74.2	82.1	101
MB 410-661075/1-A	Method Blank	38.4	96.2	92.8	87.3	74.7	75.3	78.5	94.2

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-200)	(40-300)	(40-130)	(10-130)	(10-130)	(10-130)	(10-130)	(10-130)
460-328738-6	FB_SO_06162026_P	113	102	96.1	78.6	75.5	70.5	73.2	106
LCS 410-661075/2-A	Lab Control Sample	94.2	89.8	86.5	64.6	63.4	56.4	57.9	66.7
LCSD 410-661075/3-A	Lab Control Sample Dup	100	93.0	96.7	79.0	77.2	72.5	73.0	81.8
LLCS 410-661075/4-A	Lab Control Sample	109	96.9	99.4	73.7	73.1	65.4	67.0	78.6
MB 410-661075/1-A	Method Blank	102	91.0	96.2	75.2	76.4	66.2	70.3	71.6

Surrogate Legend

PFBA = 13C4 PFBA

Isotope Dilution Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328738-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-661075/1-A
Matrix: Water
Analysis Batch: 661479

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 661075

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.00	U	4.00	1.10	ng/L		06/22/25 10:07	06/23/25 15:50	1
Perfluoropentanoic acid (PFPeA)	2.00	U	2.00	0.60	ng/L		06/22/25 10:07	06/23/25 15:50	1
Perfluorohexanoic acid (PFHxA)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
Perfluoroheptanoic acid (PFHpA)	2.00	U	2.00	0.80	ng/L		06/22/25 10:07	06/23/25 15:50	1
Perfluorooctanoic acid (PFOA)	2.00	U	2.00	0.90	ng/L		06/22/25 10:07	06/23/25 15:50	1
Perfluorononanoic acid (PFNA)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
Perfluorodecanoic acid (PFDA)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
Perfluoroundecanoic acid (PFUnA)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
Perfluorododecanoic acid (PFDoA)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
Perfluorotridecanoic acid (PFTrDA)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
Perfluorotetradecanoic acid (PFTeDA)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
Perfluorobutanesulfonic acid (PFBS)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
Perfluoropentanesulfonic acid (PFPeS)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
Perfluorohexanesulfonic acid (PFHxS)	2.00	U	2.00	0.80	ng/L		06/22/25 10:07	06/23/25 15:50	1
Perfluoroheptanesulfonic acid (PFHpS)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
Perfluorooctanesulfonic acid (PFOS)	2.00	U	2.00	1.30	ng/L		06/22/25 10:07	06/23/25 15:50	1
Perfluorononanesulfonic acid (PFNS)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
Perfluorodecanesulfonic acid (PFDS)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
Perfluorododecanesulfonic acid (PFDoS)	2.00	U	2.00	0.60	ng/L		06/22/25 10:07	06/23/25 15:50	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.00	U	4.00	1.00	ng/L		06/22/25 10:07	06/23/25 15:50	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.00	U	4.00	1.00	ng/L		06/22/25 10:07	06/23/25 15:50	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.00	U	4.00	1.00	ng/L		06/22/25 10:07	06/23/25 15:50	1
Perfluorooctanesulfonamide (PFOSA)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	10.0	U	10.0	2.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	10.0	U	10.0	4.00	ng/L		06/22/25 10:07	06/23/25 15:50	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	U	2.00	1.40	ng/L		06/22/25 10:07	06/23/25 15:50	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-661075/1-A
Matrix: Water
Analysis Batch: 661479

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 661075

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.00	U	2.00	0.50	ng/L		06/22/25 10:07	06/23/25 15:50	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	4.00	U	4.00	1.00	ng/L		06/22/25 10:07	06/23/25 15:50	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	10.0	U	10.0	2.80	ng/L		06/22/25 10:07	06/23/25 15:50	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	10.0	U	10.0	2.50	ng/L		06/22/25 10:07	06/23/25 15:50	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*97.7*		*5 - 130*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
13C5 PFPeA	*97.6*		*40 - 130*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
13C5 PFHxA	*101*		*40 - 130*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
13C4 PFHpA	*92.7*		*40 - 130*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
13C8 PFOA	*92.2*		*40 - 130*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
13C9 PFNA	*92.2*		*40 - 130*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
13C6 PFDA	*87.3*		*40 - 130*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
13C7 PFUnA	*87.9*		*30 - 130*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
13C2 PFTeDA	*38.4*		*10 - 130*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
13C3 PFBS	*96.2*		*40 - 135*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
13C3 PFHxS	*92.8*		*40 - 130*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
13C8 PFOS	*87.3*		*40 - 130*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
13C8 FOSA	*74.7*		*40 - 130*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
d3-NMeFOSAA	*75.3*		*40 - 170*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
d5-NEtFOSAA	*78.5*		*25 - 135*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
13C2 4:2 FTS	*94.2*		*40 - 200*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
13C2 6:2 FTS	*102*		*40 - 200*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
13C2 8:2 FTS	*91.0*		*40 - 300*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
13C3 HFPO-DA	*96.2*		*40 - 130*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
d7-N-MeFOSE-M	*75.2*		*10 - 130*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
d9-N-EtFOSE-M	*76.4*		*10 - 130*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
d5-NEtPFOSA	*66.2*		*10 - 130*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
d3-NMePFOSA	*70.3*		*10 - 130*	*06/22/25 10:07*	*06/23/25 15:50*	*1*
13C2 PFDoA	*71.6*		*10 - 130*	*06/22/25 10:07*	*06/23/25 15:50*	*1*

Lab Sample ID: LCS 410-661075/2-A
Matrix: Water
Analysis Batch: 661479

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 661075

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	80.0	69.47		ng/L		87	70 - 140
Perfluoropentanoic acid (PFPeA)	40.0	36.16		ng/L		90	65 - 135
Perfluorohexanoic acid (PFHxA)	40.0	36.91		ng/L		92	70 - 145
Perfluoroheptanoic acid (PFHpA)	40.0	40.83		ng/L		102	70 - 150
Perfluorooctanoic acid (PFOA)	40.0	37.71		ng/L		94	70 - 150
Perfluorononanoic acid (PFNA)	40.0	36.39		ng/L		91	70 - 150
Perfluorodecanoic acid (PFDA)	40.0	35.61		ng/L		89	70 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-661075/2-A
Matrix: Water
Analysis Batch: 661479

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 661075

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	40.0	37.71		ng/L		94	70 - 145
Perfluorododecanoic acid (PFDoA)	40.0	37.14		ng/L		93	70 - 140
Perfluorotridecanoic acid (PFTrDA)	40.0	30.31		ng/L		76	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	40.0	35.81		ng/L		90	60 - 140
Perfluorobutanesulfonic acid (PFBS)	35.5	32.82		ng/L		92	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	37.6	37.94		ng/L		101	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	36.5	33.56		ng/L		92	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	38.2	34.64		ng/L		91	70 - 150
Perfluorooctanesulfonic acid (PFOS)	37.2	33.18		ng/L		89	55 - 150
Perfluorononanesulfonic acid (PFNS)	38.5	29.35		ng/L		76	65 - 145
Perfluorodecanesulfonic acid (PFDS)	38.6	21.74	*	ng/L		56	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	38.8	13.57	*	ng/L		35	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	72.28		ng/L		96	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	71.60		ng/L		94	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	69.82		ng/L		91	60 - 150
Perfluorooctanesulfonamide (PFOSA)	40.0	41.73		ng/L		104	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	40.74		ng/L		102	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	39.35		ng/L		98	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	37.42		ng/L		94	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	40.69		ng/L		102	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	185.7		ng/L		93	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	183.9		ng/L		92	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.0	30.65		ng/L		102	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	37.11		ng/L		98	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	36.64		ng/L		92	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	39.16		ng/L		98	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	40.0	37.53		ng/L		94	50 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-661075/2-A
Matrix: Water
Analysis Batch: 661479

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 661075

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			37.4	33.46		ng/L		90	70 - 155		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			37.8	20.00	*	ng/L		53	55 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			35.7	32.68		ng/L		92	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			80.0	63.94		ng/L		80	65 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			200	154.1		ng/L		77	70 - 135		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			200	118.7		ng/L		59	50 - 145		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*92.0*		*5 - 130*
13C5 PFPeA	*90.4*		*40 - 130*
13C5 PFHxA	*92.7*		*40 - 130*
13C4 PFHpA	*88.2*		*40 - 130*
13C8 PFOA	*86.8*		*40 - 130*
13C9 PFNA	*93.1*		*40 - 130*
13C6 PFDA	*85.7*		*40 - 130*
13C7 PFUnA	*85.9*		*30 - 130*
13C2 PFTeDA	*43.9*		*10 - 130*
13C3 PFBS	*91.3*		*40 - 135*
13C3 PFHxS	*88.3*		*40 - 130*
13C8 PFOS	*85.8*		*40 - 130*
13C8 FOSA	*67.6*		*40 - 130*
d3-NMeFOSAA	*70.8*		*40 - 170*
d5-NEtFOSAA	*74.1*		*25 - 135*
13C2 4:2 FTS	*90.3*		*40 - 200*
13C2 6:2 FTS	*94.2*		*40 - 200*
13C2 8:2 FTS	*89.8*		*40 - 300*
13C3 HFPO-DA	*86.5*		*40 - 130*
d7-N-MeFOSE-M	*64.6*		*10 - 130*
d9-N-EtFOSE-M	*63.4*		*10 - 130*
d5-NEtPFOSA	*56.4*		*10 - 130*
d3-NMePFOSA	*57.9*		*10 - 130*
13C2 PFDoA	*66.7*		*10 - 130*

Lab Sample ID: LCSD 410-661075/3-A
Matrix: Water
Analysis Batch: 661479

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 661075

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			80.0	71.91		ng/L		90	70 - 140	3	30
Perfluoropentanoic acid (PFPeA)			40.0	38.72		ng/L		97	65 - 135	7	30
Perfluorohexanoic acid (PFHxA)			40.0	37.51		ng/L		94	70 - 145	2	30
Perfluoroheptanoic acid (PFHpA)			40.0	38.60		ng/L		97	70 - 150	6	30
Perfluorooctanoic acid (PFOA)			40.0	38.58		ng/L		96	70 - 150	2	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-661075/3-A
Matrix: Water
Analysis Batch: 661479

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 661075

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorononanoic acid (PFNA)	40.0	39.80		ng/L		99	70 - 150	9	30
Perfluorodecanoic acid (PFDA)	40.0	36.10		ng/L		90	70 - 140	1	30
Perfluoroundecanoic acid (PFUnA)	40.0	37.04		ng/L		93	70 - 145	2	30
Perfluorododecanoic acid (PFDoA)	40.0	35.08		ng/L		88	70 - 140	6	30
Perfluorotridecanoic acid (PFTrDA)	40.0	31.21		ng/L		78	65 - 140	3	30
Perfluorotetradecanoic acid (PFTeDA)	40.0	37.84		ng/L		95	60 - 140	6	30
Perfluorobutanesulfonic acid (PFBS)	35.5	35.26		ng/L		99	60 - 145	7	30
Perfluoropentanesulfonic acid (PFPeS)	37.6	39.25		ng/L		104	65 - 140	3	30
Perfluorohexanesulfonic acid (PFHxS)	36.5	34.53		ng/L		95	65 - 145	3	30
Perfluoroheptanesulfonic acid (PFHpS)	38.2	36.13		ng/L		95	70 - 150	4	30
Perfluorooctanesulfonic acid (PFOS)	37.2	34.23		ng/L		92	55 - 150	3	30
Perfluorononanesulfonic acid (PFNS)	38.5	31.12		ng/L		81	65 - 145	6	30
Perfluorodecanesulfonic acid (PFDS)	38.6	23.90		ng/L		62	60 - 145	10	30
Perfluorododecanesulfonic acid (PFDoS)	38.8	17.90	*	ng/L		46	50 - 145	28	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	69.05		ng/L		92	70 - 145	5	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	75.78		ng/L		99	65 - 155	6	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	74.73		ng/L		97	60 - 150	7	30
Perfluorooctanesulfonamide (PFOSA)	40.0	42.77		ng/L		107	70 - 145	2	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	40.17		ng/L		100	60 - 150	1	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	40.75		ng/L		102	65 - 145	4	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	39.87		ng/L		100	50 - 140	6	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	41.17		ng/L		103	70 - 145	1	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	179.7		ng/L		90	70 - 145	3	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	187.7		ng/L		94	70 - 135	2	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.0	28.16		ng/L		94	70 - 140	8	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	38.56		ng/L		102	65 - 145	4	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	36.54		ng/L		91	55 - 140	0	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	39.05		ng/L		98	60 - 150	0	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-661075/3-A
Matrix: Water
Analysis Batch: 661479

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 661075

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			40.0	36.35		ng/L		91	50 - 150	3	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			37.4	35.26		ng/L		94	70 - 155	5	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			37.8	22.03		ng/L		58	55 - 160	10	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			35.7	33.31		ng/L		93	70 - 140	2	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			80.0	66.52		ng/L		83	65 - 130	4	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			200	155.9		ng/L		78	70 - 135	1	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			200	130.1		ng/L		65	50 - 145	9	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*103*		*5 - 130*
13C5 PFPeA	*103*		*40 - 130*
13C5 PFHxA	*102*		*40 - 130*
13C4 PFHpA	*98.0*		*40 - 130*
13C8 PFOA	*97.6*		*40 - 130*
13C9 PFNA	*92.7*		*40 - 130*
13C6 PFDA	*97.7*		*40 - 130*
13C7 PFUnA	*98.9*		*30 - 130*
13C2 PFTeDA	*53.8*		*10 - 130*
13C3 PFBS	*97.3*		*40 - 135*
13C3 PFHxS	*92.8*		*40 - 130*
13C8 PFOS	*96.7*		*40 - 130*
13C8 FOSA	*78.0*		*40 - 130*
d3-NMeFOSAA	*77.0*		*40 - 170*
d5-NEtFOSAA	*85.5*		*25 - 135*
13C2 4:2 FTS	*93.8*		*40 - 200*
13C2 6:2 FTS	*100*		*40 - 200*
13C2 8:2 FTS	*93.0*		*40 - 300*
13C3 HFPO-DA	*96.7*		*40 - 130*
d7-N-MeFOSE-M	*79.0*		*10 - 130*
d9-N-EtFOSE-M	*77.2*		*10 - 130*
d5-NEtPFOSA	*72.5*		*10 - 130*
d3-NMePFOSA	*73.0*		*10 - 130*
13C2 PFDoA	*81.8*		*10 - 130*

Lab Sample ID: LLCS 410-661075/4-A
Matrix: Water
Analysis Batch: 661479

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 661075

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)			8.00	7.035		ng/L		88	70 - 140
Perfluoropentanoic acid (PFPeA)			4.00	3.645		ng/L		91	65 - 135
Perfluorohexanoic acid (PFHxA)			4.00	3.830		ng/L		96	70 - 145

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-661075/4-A
Matrix: Water
Analysis Batch: 661479

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 661075

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanoic acid (PFHpA)	4.00	3.736		ng/L		93	70 - 150
Perfluorooctanoic acid (PFOA)	4.00	3.043		ng/L		76	70 - 150
Perfluorononanoic acid (PFNA)	4.00	3.791		ng/L		95	70 - 150
Perfluorodecanoic acid (PFDA)	4.00	3.813		ng/L		95	70 - 140
Perfluoroundecanoic acid (PFUnA)	4.00	3.895		ng/L		97	70 - 145
Perfluorododecanoic acid (PFDoA)	4.00	3.515		ng/L		88	70 - 140
Perfluorotridecanoic acid (PFTrDA)	4.00	2.987		ng/L		75	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	4.00	4.234		ng/L		106	60 - 140
Perfluorobutanesulfonic acid (PFBS)	3.55	3.698		ng/L		104	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	3.76	3.675		ng/L		98	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	3.65	3.481		ng/L		95	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	3.82	3.308		ng/L		87	70 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	3.687		ng/L		99	55 - 150
Perfluorononanesulfonic acid (PFNS)	3.85	2.920		ng/L		76	65 - 145
Perfluorodecanesulfonic acid (PFDS)	3.86	2.509		ng/L		65	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	3.88	1.675	J *	ng/L		43	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	7.50	7.611		ng/L		101	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	7.62	7.091		ng/L		93	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	7.68	7.125		ng/L		93	60 - 150
Perfluorooctanesulfonamide (PFOSA)	4.00	4.127		ng/L		103	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	4.00	3.960		ng/L		99	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	4.00	3.526		ng/L		88	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.00	3.691		ng/L		92	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.00	3.433		ng/L		86	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	18.77		ng/L		94	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	18.83		ng/L		94	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	3.00	2.617		ng/L		87	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	3.78	3.329		ng/L		88	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.00	3.439		ng/L		86	55 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-661075/4-A
Matrix: Water
Analysis Batch: 661479

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 661075

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluoro-4-methoxybutanoic acid (PFMBA)			4.00	3.530		ng/L		88	60 - 150		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			4.00	3.795		ng/L		95	50 - 150		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			3.74	3.206		ng/L		86	70 - 155		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			3.78	2.114		ng/L		56	55 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			3.57	3.184		ng/L		89	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			8.00	5.768		ng/L		72	65 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			20.0	14.79		ng/L		74	70 - 135		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			20.0	12.98		ng/L		65	50 - 145		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*102*		*5 - 130*
13C5 PFPeA	*102*		*40 - 130*
13C5 PFHxA	*100*		*40 - 130*
13C4 PFHpA	*101*		*40 - 130*
13C8 PFOA	*94.1*		*40 - 130*
13C9 PFNA	*97.5*		*40 - 130*
13C6 PFDA	*90.6*		*40 - 130*
13C7 PFUnA	*88.8*		*30 - 130*
13C2 PFTeDA	*42.9*		*10 - 130*
13C3 PFBS	*96.1*		*40 - 135*
13C3 PFHxS	*95.5*		*40 - 130*
13C8 PFOS	*91.4*		*40 - 130*
13C8 FOSA	*75.3*		*40 - 130*
d3-NMeFOSAA	*74.2*		*40 - 170*
d5-NEtFOSAA	*82.1*		*25 - 135*
13C2 4:2 FTS	*101*		*40 - 200*
13C2 6:2 FTS	*109*		*40 - 200*
13C2 8:2 FTS	*96.9*		*40 - 300*
13C3 HFPO-DA	*99.4*		*40 - 130*
d7-N-MeFOSE-M	*73.7*		*10 - 130*
d9-N-EtFOSE-M	*73.1*		*10 - 130*
d5-NEtPFOSA	*65.4*		*10 - 130*
d3-NMePFOSA	*67.0*		*10 - 130*
13C2 PFDoA	*78.6*		*10 - 130*

Lab Sample ID: MB 410-661510/1-A
Matrix: Solid
Analysis Batch: 664231

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 661510

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.13	ug/Kg		06/23/25 14:42	06/28/25 00:03	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-661510/1-A
Matrix: Solid
Analysis Batch: 664231

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 661510

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.050	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.060	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.070	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.060	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.050	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.050	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.050	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.070	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.070	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.070	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.060	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.050	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.070	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.11	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.070	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.050	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.060	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.10	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.13	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.13	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.090	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.090	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.080	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.30	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.30	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.060	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.070	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.050	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.070	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.090	ug/Kg		06/23/25 14:42	06/28/25 00:03	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-661510/1-A
Matrix: Solid
Analysis Batch: 664231

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 661510

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.080	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.050	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		06/23/25 14:42	06/28/25 00:03	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.40	ug/Kg		06/23/25 14:42	06/28/25 00:03	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87.5*		*8 - 130*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
13C5 PFPeA	*85.5*		*35 - 130*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
13C5 PFHxA	*81.1*		*40 - 130*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
13C4 PFHpA	*79.9*		*40 - 130*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
13C8 PFOA	*80.2*		*40 - 130*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
13C9 PFNA	*79.5*		*40 - 130*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
13C6 PFDA	*82.9*		*40 - 130*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
13C7 PFUnA	*82.6*		*40 - 130*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
13C2 PFTeDA	*77.3*		*20 - 130*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
13C3 PFBS	*81.1*		*40 - 135*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
13C3 PFHxS	*83.4*		*40 - 130*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
13C8 PFOS	*78.9*		*40 - 130*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
13C8 FOSA	*64.2*		*40 - 130*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
d3-NMeFOSAA	*75.7*		*40 - 135*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
d5-NEtFOSAA	*71.1*		*40 - 150*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
13C2 4:2 FTS	*82.8*		*40 - 165*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
13C2 6:2 FTS	*83.4*		*40 - 215*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
13C2 8:2 FTS	*77.4*		*40 - 275*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
13C3 HFPO-DA	*75.2*		*40 - 130*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
d7-N-MeFOSE-M	*51.3*		*20 - 130*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
d9-N-EtFOSE-M	*48.2*		*15 - 130*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
d5-NEtPFOSA	*54.7*		*10 - 130*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
d3-NMePFOSA	*53.0*		*10 - 130*	*06/23/25 14:42*	*06/28/25 00:03*	*1*
13C2 PFDoA	*80.4*		*40 - 130*	*06/23/25 14:42*	*06/28/25 00:03*	*1*

Lab Sample ID: LCS 410-661510/2-A
Matrix: Solid
Analysis Batch: 664231

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 661510

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	3.977		ug/Kg		80	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	1.753		ug/Kg		70	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	1.987		ug/Kg		79	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.050		ug/Kg		82	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	1.906		ug/Kg		76	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.109		ug/Kg		84	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	1.904		ug/Kg		76	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-661510/2-A
Matrix: Solid
Analysis Batch: 664231

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 661510

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	2.50	2.055		ug/Kg		82	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.178		ug/Kg		87	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.043		ug/Kg		82	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.263		ug/Kg		91	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	1.907		ug/Kg		86	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	1.903		ug/Kg		81	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	1.835		ug/Kg		81	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.015		ug/Kg		84	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	1.781		ug/Kg		77	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	1.935		ug/Kg		80	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	1.936		ug/Kg		80	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.806		ug/Kg		74	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.067		ug/Kg		87	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	3.817		ug/Kg		80	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.129		ug/Kg		86	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.204		ug/Kg		88	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.167		ug/Kg		87	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.006		ug/Kg		80	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.145		ug/Kg		86	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.100		ug/Kg		84	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	11.19		ug/Kg		90	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	11.04		ug/Kg		88	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.606		ug/Kg		86	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.270		ug/Kg		96	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	1.955		ug/Kg		78	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	1.909		ug/Kg		76	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	1.612		ug/Kg		64	60 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-661510/2-A
Matrix: Solid
Analysis Batch: 664231

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 661510

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	2.032		ug/Kg		87	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	2.033		ug/Kg		86	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	1.767		ug/Kg		79	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	3.710		ug/Kg		74	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	9.017		ug/Kg		72	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	8.503		ug/Kg		68	60 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*104*		*8 - 130*
13C5 PFPeA	*108*		*35 - 130*
13C5 PFHxA	*104*		*40 - 130*
13C4 PFHpA	*94.4*		*40 - 130*
13C8 PFOA	*95.3*		*40 - 130*
13C9 PFNA	*96.5*		*40 - 130*
13C6 PFDA	*96.4*		*40 - 130*
13C7 PFUnA	*94.5*		*40 - 130*
13C2 PFTeDA	*90.2*		*20 - 130*
13C3 PFBS	*94.8*		*40 - 135*
13C3 PFHxS	*96.2*		*40 - 130*
13C8 PFOS	*92.4*		*40 - 130*
13C8 FOSA	*79.7*		*40 - 130*
d3-NMeFOSAA	*92.9*		*40 - 135*
d5-NEtFOSAA	*85.6*		*40 - 150*
13C2 4:2 FTS	*94.2*		*40 - 165*
13C2 6:2 FTS	*99.9*		*40 - 215*
13C2 8:2 FTS	*84.8*		*40 - 275*
13C3 HFPO-DA	*86.8*		*40 - 130*
d7-N-MeFOSE-M	*67.0*		*20 - 130*
d9-N-EtFOSE-M	*63.3*		*15 - 130*
d5-NEtPFOSA	*76.0*		*10 - 130*
d3-NMePFOSA	*74.3*		*10 - 130*
13C2 PFDoA	*90.8*		*40 - 130*

Lab Sample ID: LLCS 410-661510/3-A
Matrix: Solid
Analysis Batch: 664231

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 661510

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.378	J	ug/Kg		76	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.189	J	ug/Kg		76	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.205		ug/Kg		82	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.210		ug/Kg		84	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.223		ug/Kg		89	70 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-661510/3-A
Matrix: Solid
Analysis Batch: 664231

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 661510

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanoic acid (PFNA)	0.250	0.236		ug/Kg		94	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.220		ug/Kg		88	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.216		ug/Kg		86	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.234		ug/Kg		94	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.226		ug/Kg		90	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.237		ug/Kg		95	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.216		ug/Kg		97	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.188	J	ug/Kg		80	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.225		ug/Kg		99	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.227		ug/Kg		95	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.204		ug/Kg		88	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.212		ug/Kg		88	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.199	J	ug/Kg		83	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.188	J	ug/Kg		78	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.438		ug/Kg		93	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.453		ug/Kg		95	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.462		ug/Kg		96	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.240		ug/Kg		96	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.252		ug/Kg		101	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.219		ug/Kg		88	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.216		ug/Kg		87	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.214		ug/Kg		85	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.251		ug/Kg		100	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.200		ug/Kg		96	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.155	J	ug/Kg		83	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.233		ug/Kg		99	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.201		ug/Kg		80	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.207		ug/Kg		83	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-661510/3-A
Matrix: Solid
Analysis Batch: 664231

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 661510

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.164	J	ug/Kg		66	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.202		ug/Kg		87	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.206		ug/Kg		87	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.171	J	ug/Kg		77	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.382	J	ug/Kg		76	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	0.944	J	ug/Kg		76	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	0.906	J	ug/Kg		73	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*97.4*		*8 - 130*
13C5 PFPeA	*92.6*		*35 - 130*
13C5 PFHxA	*94.1*		*40 - 130*
13C4 PFHpA	*82.2*		*40 - 130*
13C8 PFOA	*86.4*		*40 - 130*
13C9 PFNA	*85.7*		*40 - 130*
13C6 PFDA	*88.2*		*40 - 130*
13C7 PFUnA	*89.1*		*40 - 130*
13C2 PFTeDA	*88.6*		*20 - 130*
13C3 PFBS	*83.8*		*40 - 135*
13C3 PFHxS	*84.6*		*40 - 130*
13C8 PFOS	*89.4*		*40 - 130*
13C8 FOSA	*73.4*		*40 - 130*
d3-NMeFOSAA	*90.0*		*40 - 135*
d5-NEtFOSAA	*85.0*		*40 - 150*
13C2 4:2 FTS	*89.1*		*40 - 165*
13C2 6:2 FTS	*86.0*		*40 - 215*
13C2 8:2 FTS	*82.0*		*40 - 275*
13C3 HFPO-DA	*73.9*		*40 - 130*
d7-N-MeFOSE-M	*66.4*		*20 - 130*
d9-N-EtFOSE-M	*63.4*		*15 - 130*
d5-NEtPFOSA	*72.0*		*10 - 130*
d3-NMePFOSA	*68.5*		*10 - 130*
13C2 PFDoA	*85.3*		*40 - 130*

Lab Sample ID: 460-328738-3 MS
Matrix: Solid
Analysis Batch: 664231

Client Sample ID: RX-06(0-2)_P
Prep Type: Total/NA
Prep Batch: 661510

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.40	U	4.87	3.945		ug/Kg	☼	81	70 - 140
Perfluoropentanoic acid (PFPeA)	0.20	U	2.43	2.001		ug/Kg	☼	82	60 - 150
Perfluorohexanoic acid (PFHxA)	0.20	U	2.43	2.145		ug/Kg	☼	88	65 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-328738-3 MS
Client Sample ID: RX-06(0-2)_P
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 664231
Prep Batch: 661510

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanoic acid (PFHpA)	0.20	U	2.43	2.471		ug/Kg	☼	101	65 - 145
Perfluorooctanoic acid (PFOA)	0.20	U	2.43	2.593		ug/Kg	☼	106	70 - 150
Perfluorononanoic acid (PFNA)	0.20	U	2.43	2.251		ug/Kg	☼	92	70 - 155
Perfluorodecanoic acid (PFDA)	0.20	U	2.43	2.304		ug/Kg	☼	95	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.20	U	2.43	2.374		ug/Kg	☼	98	70 - 155
Perfluorododecanoic acid (PFDoA)	0.20	U	2.43	2.331		ug/Kg	☼	96	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.20	U	2.43	2.207		ug/Kg	☼	91	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	2.43	2.154		ug/Kg	☼	88	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.20	U	2.16	1.934		ug/Kg	☼	89	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	2.29	1.893		ug/Kg	☼	83	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	2.22	1.801		ug/Kg	☼	81	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	2.32	2.267		ug/Kg	☼	98	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.20	U	2.26	2.176		ug/Kg	☼	96	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.20	U	2.34	1.927		ug/Kg	☼	82	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.20	U	2.35	1.942		ug/Kg	☼	83	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	2.36	1.882		ug/Kg	☼	80	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	4.57	3.828		ug/Kg	☼	84	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	4.64	3.865		ug/Kg	☼	83	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	4.67	3.987		ug/Kg	☼	85	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.20	U	2.43	2.287		ug/Kg	☼	94	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	2.43	2.255		ug/Kg	☼	93	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	2.43	2.188		ug/Kg	☼	90	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	2.43	2.015		ug/Kg	☼	83	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	2.43	2.195		ug/Kg	☼	90	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	12.2	12.39		ug/Kg	☼	102	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	12.2	11.08		ug/Kg	☼	91	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	1.83	1.601		ug/Kg	☼	88	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	2.30	2.239		ug/Kg	☼	97	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	2.43	2.032		ug/Kg	☼	83	30 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-328738-3 MS
Matrix: Solid
Analysis Batch: 664231

Client Sample ID: RX-06(0-2)_P
Prep Type: Total/NA
Prep Batch: 661510

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	2.43	2.034		ug/Kg	☼	84	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	2.43	1.683		ug/Kg	☼	69	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	2.27	1.852		ug/Kg	☼	81	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	2.30	1.896		ug/Kg	☼	82	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	2.17	1.615		ug/Kg	☼	74	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	4.87	4.087		ug/Kg	☼	84	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	12.2	9.626		ug/Kg	☼	79	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	12.2	10.96		ug/Kg	☼	90	60 - 150

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4 PFBA	*107*		*8 - 130*
13C5 PFPeA	*97.1*		*35 - 130*
13C5 PFHxA	*100*		*40 - 130*
13C4 PFHpA	*88.3*		*40 - 130*
13C8 PFOA	*99.2*		*40 - 130*
13C9 PFNA	*102*		*40 - 130*
13C6 PFDA	*105*		*40 - 130*
13C7 PFUnA	*101*		*40 - 130*
13C2 PFTeDA	*95.7*		*20 - 130*
13C3 PFBS	*107*		*40 - 135*
13C3 PFHxS	*108*		*40 - 130*
13C8 PFOS	*101*		*40 - 130*
13C8 FOSA	*102*		*40 - 130*
d3-NMeFOSAA	*90.3*		*40 - 135*
d5-NEtFOSAA	*88.9*		*40 - 150*
13C2 4:2 FTS	*98.7*		*40 - 165*
13C2 6:2 FTS	*101*		*40 - 215*
13C2 8:2 FTS	*94.2*		*40 - 275*
13C3 HFPO-DA	*80.3*		*40 - 130*
d7-N-MeFOSE-M	*78.6*		*20 - 130*
d9-N-EtFOSE-M	*73.7*		*15 - 130*
d5-NEtPFOSA	*79.0*		*10 - 130*
d3-NMePFOSA	*88.4*		*10 - 130*
13C2 PFDoA	*96.2*		*40 - 130*

Lab Sample ID: 460-328738-3 MSD
Matrix: Solid
Analysis Batch: 664231

Client Sample ID: RX-06(0-2)_P
Prep Type: Total/NA
Prep Batch: 661510

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	0.40	U	4.96	3.842		ug/Kg	☼	77	70 - 140	3	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-328738-3 MSD
Matrix: Solid
Analysis Batch: 664231

Client Sample ID: RX-06(0-2)_P
Prep Type: Total/NA
Prep Batch: 661510

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoropentanoic acid (PFPeA)	0.20	U	2.48	1.985		ug/Kg	☼	80	60 - 150	1	30
Perfluorohexanoic acid (PFHxA)	0.20	U	2.48	2.062		ug/Kg	☼	83	65 - 140	4	30
Perfluoroheptanoic acid (PFHpA)	0.20	U	2.48	2.225		ug/Kg	☼	90	65 - 145	10	30
Perfluorooctanoic acid (PFOA)	0.20	U	2.48	2.386		ug/Kg	☼	96	70 - 150	8	30
Perfluorononanoic acid (PFNA)	0.20	U	2.48	2.005		ug/Kg	☼	81	70 - 155	12	30
Perfluorodecanoic acid (PFDA)	0.20	U	2.48	2.271		ug/Kg	☼	92	70 - 155	1	30
Perfluoroundecanoic acid (PFUnA)	0.20	U	2.48	2.386		ug/Kg	☼	96	70 - 155	1	30
Perfluorododecanoic acid (PFDoA)	0.20	U	2.48	2.364		ug/Kg	☼	95	70 - 150	1	30
Perfluorotridecanoic acid (PFTrDA)	0.20	U	2.48	2.150		ug/Kg	☼	87	65 - 150	3	30
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	2.48	2.252		ug/Kg	☼	91	65 - 150	4	30
Perfluorobutanesulfonic acid (PFBS)	0.20	U	2.20	2.128		ug/Kg	☼	97	65 - 145	10	30
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	2.33	2.060		ug/Kg	☼	88	55 - 160	8	30
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	2.26	2.000		ug/Kg	☼	88	60 - 150	10	30
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	2.37	2.217		ug/Kg	☼	94	65 - 155	2	30
Perfluorooctanesulfonic acid (PFOS)	0.20	U	2.31	2.000		ug/Kg	☼	87	65 - 160	8	30
Perfluorononanesulfonic acid (PFNS)	0.20	U	2.39	1.924		ug/Kg	☼	81	55 - 140	0	30
Perfluorodecanesulfonic acid (PFDS)	0.20	U	2.39	1.946		ug/Kg	☼	81	40 - 155	0	30
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	2.41	1.734		ug/Kg	☼	72	25 - 160	8	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	4.65	3.766		ug/Kg	☼	81	60 - 150	2	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	4.72	4.019		ug/Kg	☼	85	55 - 200	4	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	4.76	4.068		ug/Kg	☼	85	70 - 150	2	30
Perfluorooctanesulfonamide (PFOSA)	0.20	U	2.48	2.206		ug/Kg	☼	89	70 - 140	4	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	2.48	2.109		ug/Kg	☼	85	70 - 155	7	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	2.48	2.007		ug/Kg	☼	81	70 - 140	9	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	2.48	2.073		ug/Kg	☼	84	65 - 155	3	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	2.48	2.058		ug/Kg	☼	83	65 - 165	6	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	12.4	11.60		ug/Kg	☼	94	70 - 140	7	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	12.4	10.34		ug/Kg	☼	83	70 - 135	7	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	1.86	1.554		ug/Kg	☼	84	70 - 145	3	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	2.35	2.136		ug/Kg	☼	91	70 - 160	5	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-328738-3 MSD
Matrix: Solid
Analysis Batch: 664231

Client Sample ID: RX-06(0-2)_P
Prep Type: Total/NA
Prep Batch: 661510

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	2.48	1.890		ug/Kg	☼	76	30 - 140	7	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	2.48	2.017		ug/Kg	☼	81	60 - 150	1	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	2.48	1.508		ug/Kg	☼	61	60 - 155	11	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	2.32	1.808		ug/Kg	☼	78	70 - 150	2	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	2.34	1.922		ug/Kg	☼	82	45 - 160	1	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	2.21	1.571		ug/Kg	☼	71	70 - 140	3	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	4.96	3.747		ug/Kg	☼	76	45 - 130	9	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	12.4	9.089		ug/Kg	☼	73	60 - 130	6	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	12.4	9.391		ug/Kg	☼	76	60 - 150	15	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*103*		*8 - 130*
13C5 PFPeA	*107*		*35 - 130*
13C5 PFHxA	*114*		*40 - 130*
13C4 PFHpA	*102*		*40 - 130*
13C8 PFOA	*106*		*40 - 130*
13C9 PFNA	*106*		*40 - 130*
13C6 PFDA	*113*		*40 - 130*
13C7 PFUnA	*110*		*40 - 130*
13C2 PFTeDA	*103*		*20 - 130*
13C3 PFBS	*107*		*40 - 135*
13C3 PFHxS	*110*		*40 - 130*
13C8 PFOS	*112*		*40 - 130*
13C8 FOSA	*105*		*40 - 130*
d3-NMeFOSAA	*99.7*		*40 - 135*
d5-NEtFOSAA	*99.5*		*40 - 150*
13C2 4:2 FTS	*103*		*40 - 165*
13C2 6:2 FTS	*101*		*40 - 215*
13C2 8:2 FTS	*95.8*		*40 - 275*
13C3 HFPO-DA	*92.7*		*40 - 130*
d7-N-MeFOSE-M	*80.7*		*20 - 130*
d9-N-EtFOSE-M	*80.1*		*15 - 130*
d5-NEtPFOSA	*102*		*10 - 130*
d3-NMePFOSA	*110*		*10 - 130*
13C2 PFDoA	*106*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-662487/1-A
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 662487

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.13	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.050	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.059	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.069	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.059	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.050	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.050	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.050	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.069	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.069	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.069	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.059	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.050	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.069	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.11	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.069	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.050	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.059	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.099	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.13	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.13	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.089	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.089	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.079	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.30	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.30	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.059	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.069	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.050	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.069	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.089	ug/Kg		06/25/25 08:08	07/02/25 04:46	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-662487/1-A
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 662487

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.079	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.050	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.40	ug/Kg		06/25/25 08:08	07/02/25 04:46	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*106*		*8 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C5 PFPeA	*120*		*35 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C5 PFHxA	*114*		*40 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C4 PFHpA	*102*		*40 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C8 PFOA	*91.5*		*40 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C9 PFNA	*82.2*		*40 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C6 PFDA	*69.6*		*40 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C7 PFUnA	*68.1*		*40 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C2 PFTeDA	*78.2*		*20 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C3 PFBS	*89.2*		*40 - 135*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C3 PFHxS	*64.8*		*40 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C8 PFOS	*50.4*		*40 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C8 FOSA	*71.8*		*40 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
d3-NMeFOSAA	*75.1*		*40 - 135*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
d5-NEtFOSAA	*68.0*		*40 - 150*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C2 4:2 FTS	*97.2*		*40 - 165*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C2 6:2 FTS	*92.7*		*40 - 215*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C2 8:2 FTS	*75.6*		*40 - 275*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C3 HFPO-DA	*112*		*40 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
d7-N-MeFOSE-M	*65.2*		*20 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
d9-N-EtFOSE-M	*62.7*		*15 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
d5-NEtPFOSA	*63.9*		*10 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
d3-NMePFOSA	*68.4*		*10 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C2 PFDoA	*73.1*		*40 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*

Lab Sample ID: LCS 410-662487/2-A
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 662487

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	4.93	4.208		ug/Kg		85	70 - 140
Perfluoropentanoic acid (PFPeA)	2.46	2.013		ug/Kg		82	60 - 150
Perfluorohexanoic acid (PFHxA)	2.46	1.998		ug/Kg		81	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.46	2.225		ug/Kg		90	65 - 145
Perfluorooctanoic acid (PFOA)	2.46	1.994		ug/Kg		81	70 - 150
Perfluorononanoic acid (PFNA)	2.46	2.166		ug/Kg		88	70 - 155
Perfluorodecanoic acid (PFDA)	2.46	2.158		ug/Kg		88	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-662487/2-A
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 662487

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	2.46	2.011		ug/Kg		82	70 - 155
Perfluorododecanoic acid (PFDoA)	2.46	1.897		ug/Kg		77	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.46	1.972		ug/Kg		80	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.46	2.004		ug/Kg		81	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.19	1.970		ug/Kg		90	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.32	2.105		ug/Kg		91	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.25	1.954		ug/Kg		87	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.35	2.132		ug/Kg		91	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.29	1.866		ug/Kg		81	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.37	2.051		ug/Kg		87	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.37	2.157		ug/Kg		91	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.39	1.660		ug/Kg		69	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.62	4.220		ug/Kg		91	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.69	3.785		ug/Kg		81	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.73	4.131		ug/Kg		87	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.46	2.389		ug/Kg		97	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.46	2.197		ug/Kg		89	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.46	2.252		ug/Kg		91	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.46	2.095		ug/Kg		85	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.46	2.028		ug/Kg		82	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.3	10.80		ug/Kg		88	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.3	11.34		ug/Kg		92	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.85	1.717		ug/Kg		93	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.33	2.348		ug/Kg		101	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.46	2.248		ug/Kg		91	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.46	1.951		ug/Kg		79	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.46	2.045		ug/Kg		83	60 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-662487/2-A
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 662487

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.30	2.043		ug/Kg		89	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.33	2.004		ug/Kg		86	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.20	1.895		ug/Kg		86	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			4.93	4.179		ug/Kg		85	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.3	10.15		ug/Kg		82	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.3	8.537		ug/Kg		69	60 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*120*		*8 - 130*
13C5 PFPeA	*141*	*	*35 - 130*
13C5 PFHxA	*132*	*	*40 - 130*
13C4 PFHpA	*124*		*40 - 130*
13C8 PFOA	*113*		*40 - 130*
13C9 PFNA	*101*		*40 - 130*
13C6 PFDA	*98.7*		*40 - 130*
13C7 PFUnA	*94.1*		*40 - 130*
13C2 PFTeDA	*69.3*		*20 - 130*
13C3 PFBS	*119*		*40 - 135*
13C3 PFHxS	*112*		*40 - 130*
13C8 PFOS	*87.4*		*40 - 130*
13C8 FOSA	*88.1*		*40 - 130*
d3-NMeFOSAA	*84.5*		*40 - 135*
d5-NEtFOSAA	*80.6*		*40 - 150*
13C2 4:2 FTS	*119*		*40 - 165*
13C2 6:2 FTS	*124*		*40 - 215*
13C2 8:2 FTS	*98.7*		*40 - 275*
13C3 HFPO-DA	*117*		*40 - 130*
d7-N-MeFOSE-M	*60.9*		*20 - 130*
d9-N-EtFOSE-M	*50.5*		*15 - 130*
d5-NEtPFOSA	*70.3*		*10 - 130*
d3-NMePFOSA	*79.5*		*10 - 130*
13C2 PFDoA	*92.9*		*40 - 130*

Lab Sample ID: LLCS 410-662487/3-A
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 662487

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorobutanoic acid (PFBA)			0.488	0.401		ug/Kg		82	70 - 140		
Perfluoropentanoic acid (PFPeA)			0.244	0.213		ug/Kg		87	60 - 150		
Perfluorohexanoic acid (PFHxA)			0.244	0.191	J	ug/Kg		78	65 - 140		
Perfluoroheptanoic acid (PFHpA)			0.244	0.198	J	ug/Kg		81	65 - 145		
Perfluorooctanoic acid (PFOA)			0.244	0.195	J	ug/Kg		80	70 - 150		

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-662487/3-A
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 662487

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanoic acid (PFNA)	0.244	0.220		ug/Kg		90	70 - 155
Perfluorodecanoic acid (PFDA)	0.244	0.191	J	ug/Kg		78	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.244	0.176	J	ug/Kg		72	70 - 155
Perfluorododecanoic acid (PFDoA)	0.244	0.183	J	ug/Kg		75	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.244	0.184	J	ug/Kg		75	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.244	0.181	J	ug/Kg		74	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.217	0.176	J	ug/Kg		81	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.229	0.196	J	ug/Kg		85	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.222	0.198	J	ug/Kg		89	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.233	0.192	J	ug/Kg		83	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.227	0.181	J	ug/Kg		80	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.235	0.151	J	ug/Kg		65	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.235	0.161	J	ug/Kg		69	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.237	0.127	J	ug/Kg		53	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.458	0.401		ug/Kg		88	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.464	0.367	J	ug/Kg		79	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.468	0.423		ug/Kg		90	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.244	0.238		ug/Kg		98	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.244	0.189	J	ug/Kg		78	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.244	0.209		ug/Kg		86	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.244	0.172	J	ug/Kg		70	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.244	0.184	J	ug/Kg		75	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.22	1.243		ug/Kg		102	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.22	1.321		ug/Kg		108	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.183	0.152	J	ug/Kg		83	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.231	0.193	J	ug/Kg		83	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.244	0.201		ug/Kg		82	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.244	0.197	J	ug/Kg		81	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-662487/3-A
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 662487

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.244	0.205		ug/Kg		84	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.228	0.191	J	ug/Kg		84	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.230	0.129	J	ug/Kg		56	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.218	0.173	J	ug/Kg		79	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.488	0.453		ug/Kg		93	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.22	0.846	J	ug/Kg		69	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.22	0.819	J	ug/Kg		67	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*113*		*8 - 130*
13C5 PFPeA	*121*		*35 - 130*
13C5 PFHxA	*124*		*40 - 130*
13C4 PFHpA	*118*		*40 - 130*
13C8 PFOA	*104*		*40 - 130*
13C9 PFNA	*110*		*40 - 130*
13C6 PFDA	*101*		*40 - 130*
13C7 PFUnA	*90.4*		*40 - 130*
13C2 PFTeDA	*66.8*		*20 - 130*
13C3 PFBS	*100*		*40 - 135*
13C3 PFHxS	*93.0*		*40 - 130*
13C8 PFOS	*98.2*		*40 - 130*
13C8 FOSA	*82.1*		*40 - 130*
d3-NMeFOSAA	*85.3*		*40 - 135*
d5-NEtFOSAA	*74.7*		*40 - 150*
13C2 4:2 FTS	*99.1*		*40 - 165*
13C2 6:2 FTS	*99.3*		*40 - 215*
13C2 8:2 FTS	*89.2*		*40 - 275*
13C3 HFPO-DA	*115*		*40 - 130*
d7-N-MeFOSE-M	*42.0*		*20 - 130*
d9-N-EtFOSE-M	*34.3*		*15 - 130*
d5-NEtPFOSA	*64.2*		*10 - 130*
d3-NMePFOSA	*75.3*		*10 - 130*
13C2 PFDoA	*83.5*		*40 - 130*

Lab Sample ID: 480-230381-A-4-B MS
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 662487

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.40	U	4.83	4.041		ug/Kg	☼	84	70 - 140
Perfluoropentanoic acid (PFPeA)	0.20	U	2.42	2.061		ug/Kg	☼	85	60 - 150
Perfluorohexanoic acid (PFHxA)	0.20	U	2.42	2.189		ug/Kg	☼	91	65 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-230381-A-4-B MS
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 662487

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanoic acid (PFHpA)	0.20	U	2.42	2.193		ug/Kg	☼	91	65 - 145
Perfluorooctanoic acid (PFOA)	0.20	U	2.42	1.995		ug/Kg	☼	83	70 - 150
Perfluorononanoic acid (PFNA)	0.20	U	2.42	1.971		ug/Kg	☼	82	70 - 155
Perfluorodecanoic acid (PFDA)	0.20	U	2.42	1.828		ug/Kg	☼	76	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.20	U	2.42	1.869		ug/Kg	☼	77	70 - 155
Perfluorododecanoic acid (PFDoA)	0.20	U	2.42	2.060		ug/Kg	☼	85	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.20	U	2.42	2.080		ug/Kg	☼	86	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	2.42	1.887		ug/Kg	☼	78	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.20	U	2.15	1.926		ug/Kg	☼	90	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	2.27	2.131		ug/Kg	☼	94	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	2.20	2.173		ug/Kg	☼	99	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	2.31	2.196		ug/Kg	☼	95	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.20	U	2.25	1.916		ug/Kg	☼	85	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.20	U	2.32	1.940		ug/Kg	☼	83	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.20	U	2.33	1.983		ug/Kg	☼	85	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	2.34	1.689		ug/Kg	☼	72	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	4.53	3.984		ug/Kg	☼	88	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	4.60	4.206		ug/Kg	☼	91	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	4.64	3.963		ug/Kg	☼	85	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.20	U	2.42	2.425		ug/Kg	☼	100	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	2.42	2.112		ug/Kg	☼	87	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	2.42	2.120		ug/Kg	☼	88	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	2.42	2.028		ug/Kg	☼	84	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	2.42	2.141		ug/Kg	☼	89	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	12.1	10.71		ug/Kg	☼	89	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	12.1	10.84		ug/Kg	☼	90	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	1.81	1.552		ug/Kg	☼	86	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	2.29	2.075		ug/Kg	☼	91	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	2.42	2.080		ug/Kg	☼	86	30 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-230381-A-4-B MS
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 662487

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	2.42	1.967		ug/Kg	☼	81	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	2.42	2.186		ug/Kg	☼	90	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	2.26	1.910		ug/Kg	☼	85	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	2.28	1.812		ug/Kg	☼	79	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	2.16	1.974		ug/Kg	☼	92	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	4.83	4.368		ug/Kg	☼	90	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	12.1	10.70		ug/Kg	☼	89	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	12.1	9.811		ug/Kg	☼	81	60 - 150

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4 PFBA	*104*		*8 - 130*
13C5 PFPeA	*110*		*35 - 130*
13C5 PFHxA	*101*		*40 - 130*
13C4 PFHpA	*100*		*40 - 130*
13C8 PFOA	*103*		*40 - 130*
13C9 PFNA	*103*		*40 - 130*
13C6 PFDA	*98.2*		*40 - 130*
13C7 PFUnA	*93.9*		*40 - 130*
13C2 PFTeDA	*93.6*		*20 - 130*
13C3 PFBS	*101*		*40 - 135*
13C3 PFHxS	*96.1*		*40 - 130*
13C8 PFOS	*93.9*		*40 - 130*
13C8 FOSA	*81.2*		*40 - 130*
d3-NMeFOSAA	*80.9*		*40 - 135*
d5-NEtFOSAA	*83.5*		*40 - 150*
13C2 4:2 FTS	*85.1*		*40 - 165*
13C2 6:2 FTS	*99.4*		*40 - 215*
13C2 8:2 FTS	*88.4*		*40 - 275*
13C3 HFPO-DA	*103*		*40 - 130*
d7-N-MeFOSE-M	*53.7*		*20 - 130*
d9-N-EtFOSE-M	*51.1*		*15 - 130*
d5-NEtPFOSA	*71.3*		*10 - 130*
d3-NMePFOSA	*77.7*		*10 - 130*
13C2 PFDoA	*90.2*		*40 - 130*

Lab Sample ID: 480-230381-A-4-C MSD
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 662487

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	0.40	U	4.77	4.031		ug/Kg	☼	84	70 - 140	0	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-230381-A-4-C MSD
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 662487

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoropentanoic acid (PFPeA)	0.20	U	2.39	2.095		ug/Kg	☼	88	60 - 150	2	30
Perfluorohexanoic acid (PFHxA)	0.20	U	2.39	1.976		ug/Kg	☼	83	65 - 140	10	30
Perfluoroheptanoic acid (PFHpA)	0.20	U	2.39	2.028		ug/Kg	☼	85	65 - 145	8	30
Perfluorooctanoic acid (PFOA)	0.20	U	2.39	1.894		ug/Kg	☼	79	70 - 150	5	30
Perfluorononanoic acid (PFNA)	0.20	U	2.39	2.003		ug/Kg	☼	84	70 - 155	2	30
Perfluorodecanoic acid (PFDA)	0.20	U	2.39	1.812		ug/Kg	☼	76	70 - 155	1	30
Perfluoroundecanoic acid (PFUnA)	0.20	U	2.39	1.823		ug/Kg	☼	76	70 - 155	2	30
Perfluorododecanoic acid (PFDoA)	0.20	U	2.39	1.969		ug/Kg	☼	83	70 - 150	4	30
Perfluorotridecanoic acid (PFTrDA)	0.20	U	2.39	2.001		ug/Kg	☼	84	65 - 150	4	30
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	2.39	1.872		ug/Kg	☼	78	65 - 150	1	30
Perfluorobutanesulfonic acid (PFBS)	0.20	U	2.12	1.764		ug/Kg	☼	83	65 - 145	9	30
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	2.24	2.008		ug/Kg	☼	90	55 - 160	6	30
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	2.18	2.185		ug/Kg	☼	100	60 - 150	1	30
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	2.28	1.820		ug/Kg	☼	80	65 - 155	19	30
Perfluorooctanesulfonic acid (PFOS)	0.20	U	2.22	1.667		ug/Kg	☼	75	65 - 160	14	30
Perfluorononanesulfonic acid (PFNS)	0.20	U	2.30	1.695		ug/Kg	☼	74	55 - 140	13	30
Perfluorodecanesulfonic acid (PFDS)	0.20	U	2.30	1.745		ug/Kg	☼	76	40 - 155	13	30
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	2.31	1.412		ug/Kg	☼	61	25 - 160	18	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	4.48	3.503		ug/Kg	☼	78	60 - 150	13	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	4.54	3.904		ug/Kg	☼	86	55 - 200	7	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	4.58	3.837		ug/Kg	☼	84	70 - 150	3	30
Perfluorooctanesulfonamide (PFOSA)	0.20	U	2.39	2.381		ug/Kg	☼	100	70 - 140	2	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	2.39	2.235		ug/Kg	☼	94	70 - 155	6	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	2.39	2.193		ug/Kg	☼	92	70 - 140	3	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	2.39	1.982		ug/Kg	☼	83	65 - 155	2	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	2.39	2.169		ug/Kg	☼	91	65 - 165	1	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	11.9	10.60		ug/Kg	☼	89	70 - 140	1	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	11.9	10.64		ug/Kg	☼	89	70 - 135	2	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	1.79	1.587		ug/Kg	☼	89	70 - 145	2	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	2.26	2.071		ug/Kg	☼	92	70 - 160	0	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-230381-A-4-C MSD
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 662487

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	2.39	2.099		ug/Kg	☼	88	30 - 140	1	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	2.39	2.031		ug/Kg	☼	85	60 - 150	3	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	2.39	1.966		ug/Kg	☼	82	60 - 155	11	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	2.23	1.843		ug/Kg	☼	83	70 - 150	4	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	2.25	1.557		ug/Kg	☼	69	45 - 160	15	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	2.13	1.725		ug/Kg	☼	81	70 - 140	13	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	4.77	4.197		ug/Kg	☼	88	45 - 130	4	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	11.9	8.998		ug/Kg	☼	75	60 - 130	17	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	11.9	8.767		ug/Kg	☼	73	60 - 150	11	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*107*		*8 - 130*
13C5 PFPeA	*103*		*35 - 130*
13C5 PFHxA	*108*		*40 - 130*
13C4 PFHpA	*98.3*		*40 - 130*
13C8 PFOA	*105*		*40 - 130*
13C9 PFNA	*99.0*		*40 - 130*
13C6 PFDA	*102*		*40 - 130*
13C7 PFUnA	*100*		*40 - 130*
13C2 PFTeDA	*81.3*		*20 - 130*
13C3 PFBS	*99.0*		*40 - 135*
13C3 PFHxS	*94.4*		*40 - 130*
13C8 PFOS	*103*		*40 - 130*
13C8 FOSA	*79.6*		*40 - 130*
d3-NMeFOSAA	*88.0*		*40 - 135*
d5-NEtFOSAA	*81.5*		*40 - 150*
13C2 4:2 FTS	*84.8*		*40 - 165*
13C2 6:2 FTS	*94.0*		*40 - 215*
13C2 8:2 FTS	*88.1*		*40 - 275*
13C3 HFPO-DA	*95.0*		*40 - 130*
d7-N-MeFOSE-M	*56.3*		*20 - 130*
d9-N-EtFOSE-M	*50.9*		*15 - 130*
d5-NEtPFOSA	*69.8*		*10 - 130*
d3-NMePFOSA	*75.7*		*10 - 130*
13C2 PFDoA	*89.3*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-665984/1-A
Matrix: Solid
Analysis Batch: 667156

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 665984

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.13	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.048	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.058	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.068	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.058	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Perfluorononanoic acid (PFNA)	0.19	U	0.19	0.058	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Perfluorodecanoic acid (PFDA)	0.19	U	0.19	0.048	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Perfluoroundecanoic acid (PFUnA)	0.19	U	0.19	0.048	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.048	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Perfluorotridecanoic acid (PFTrDA)	0.19	U	0.19	0.068	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.068	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.068	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.058	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.048	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.068	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.11	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.068	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.048	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.058	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.097	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.13	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.13	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.087	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.087	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.077	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.11	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.29	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.29	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.11	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.058	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.068	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.048	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.068	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.087	ug/Kg		07/02/25 07:41	07/04/25 11:09	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-665984/1-A
Matrix: Solid
Analysis Batch: 667156

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 665984

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.077	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.048	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.48	ug/Kg		07/02/25 07:41	07/04/25 11:09	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.39	ug/Kg		07/02/25 07:41	07/04/25 11:09	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*2.97*	*	*8 - 130*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
13C5 PFPeA	*46.5*		*35 - 130*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
13C5 PFHxA	*98.0*		*40 - 130*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
13C4 PFHpA	*97.8*		*40 - 130*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
13C8 PFOA	*105*		*40 - 130*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
13C9 PFNA	*98.8*		*40 - 130*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
13C6 PFDA	*95.1*		*40 - 130*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
13C7 PFUnA	*97.9*		*40 - 130*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
13C2 PFTeDA	*72.5*		*20 - 130*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
13C3 PFBS	*92.0*		*40 - 135*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
13C3 PFHxS	*95.3*		*40 - 130*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
13C8 PFOS	*104*		*40 - 130*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
13C8 FOSA	*91.4*		*40 - 130*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
d3-NMeFOSAA	*99.0*		*40 - 135*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
d5-NEtFOSAA	*95.6*		*40 - 150*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
13C2 4:2 FTS	*93.0*		*40 - 165*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
13C2 6:2 FTS	*93.0*		*40 - 215*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
13C2 8:2 FTS	*91.0*		*40 - 275*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
13C3 HFPO-DA	*84.5*		*40 - 130*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
d7-N-MeFOSE-M	*80.1*		*20 - 130*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
d9-N-EtFOSE-M	*73.6*		*15 - 130*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
d5-NEtPFOSA	*78.7*		*10 - 130*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
d3-NMePFOSA	*83.3*		*10 - 130*	*07/02/25 07:41*	*07/04/25 11:09*	*1*
13C2 PFDoA	*96.5*		*40 - 130*	*07/02/25 07:41*	*07/04/25 11:09*	*1*

Lab Sample ID: LCS 410-665984/2-A
Matrix: Solid
Analysis Batch: 667156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 665984

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	4.88	3.901		ug/Kg		80	70 - 140
Perfluoropentanoic acid (PFPeA)	2.44	1.968		ug/Kg		81	60 - 150
Perfluorohexanoic acid (PFHxA)	2.44	2.015		ug/Kg		83	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.44	2.287		ug/Kg		94	65 - 145
Perfluorooctanoic acid (PFOA)	2.44	2.034		ug/Kg		83	70 - 150
Perfluorononanoic acid (PFNA)	2.44	2.122		ug/Kg		87	70 - 155
Perfluorodecanoic acid (PFDA)	2.44	2.168		ug/Kg		89	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-665984/2-A
Matrix: Solid
Analysis Batch: 667156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 665984

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	2.44	2.218		ug/Kg		91	70 - 155
Perfluorododecanoic acid (PFDoA)	2.44	2.198		ug/Kg		90	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.44	2.255		ug/Kg		92	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.44	2.266		ug/Kg		93	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.17	1.768		ug/Kg		82	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.29	2.221		ug/Kg		97	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.22	1.995		ug/Kg		90	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.33	2.112		ug/Kg		91	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.27	1.849		ug/Kg		82	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.35	1.672		ug/Kg		71	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.35	1.952		ug/Kg		83	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.37	1.910		ug/Kg		81	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.58	3.846		ug/Kg		84	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.64	4.423		ug/Kg		95	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.68	4.346		ug/Kg		93	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.44	2.401		ug/Kg		98	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.44	2.231		ug/Kg		91	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.44	2.225		ug/Kg		91	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.44	2.250		ug/Kg		92	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.44	2.179		ug/Kg		89	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.2	10.72		ug/Kg		88	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.2	10.06		ug/Kg		83	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.83	1.678		ug/Kg		92	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.31	2.621		ug/Kg		114	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.44	0.407	*	ug/Kg		17	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.44	2.747		ug/Kg		113	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.44	2.192		ug/Kg		90	60 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-665984/2-A
Matrix: Solid
Analysis Batch: 667156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 665984

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.28	1.670		ug/Kg		73	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.30	1.820		ug/Kg		79	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.18	1.704		ug/Kg		78	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			4.88	2.045	*	ug/Kg		42	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.2	10.13		ug/Kg		83	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.2	10.36		ug/Kg		85	60 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*13.1*		*8 - 130*
13C5 PFPeA	*80.7*		*35 - 130*
13C5 PFHxA	*116*		*40 - 130*
13C4 PFHpA	*113*		*40 - 130*
13C8 PFOA	*113*		*40 - 130*
13C9 PFNA	*111*		*40 - 130*
13C6 PFDA	*102*		*40 - 130*
13C7 PFUnA	*97.1*		*40 - 130*
13C2 PFTeDA	*91.2*		*20 - 130*
13C3 PFBS	*101*		*40 - 135*
13C3 PFHxS	*103*		*40 - 130*
13C8 PFOS	*98.7*		*40 - 130*
13C8 FOSA	*99.2*		*40 - 130*
d3-NMeFOSAA	*110*		*40 - 135*
d5-NEtFOSAA	*109*		*40 - 150*
13C2 4:2 FTS	*115*		*40 - 165*
13C2 6:2 FTS	*110*		*40 - 215*
13C2 8:2 FTS	*96.1*		*40 - 275*
13C3 HFPO-DA	*96.1*		*40 - 130*
d7-N-MeFOSE-M	*89.6*		*20 - 130*
d9-N-EtFOSE-M	*84.4*		*15 - 130*
d5-NEtPFOSA	*85.1*		*10 - 130*
d3-NMePFOSA	*88.3*		*10 - 130*
13C2 PFDoA	*99.1*		*40 - 130*

Lab Sample ID: LCSD 410-665984/3-A
Matrix: Solid
Analysis Batch: 667156

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 665984

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			4.76	4.107		ug/Kg		86	70 - 140	5	30
Perfluoropentanoic acid (PFPeA)			2.38	1.960		ug/Kg		82	60 - 150	0	30
Perfluorohexanoic acid (PFHxA)			2.38	1.982		ug/Kg		83	65 - 140	2	30
Perfluoroheptanoic acid (PFHpA)			2.38	2.108		ug/Kg		89	65 - 145	8	30
Perfluorooctanoic acid (PFOA)			2.38	1.970		ug/Kg		83	70 - 150	3	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-665984/3-A
Matrix: Solid
Analysis Batch: 667156

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 665984

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorononanoic acid (PFNA)	2.38	2.011		ug/Kg		84	70 - 155	5	30
Perfluorodecanoic acid (PFDA)	2.38	2.112		ug/Kg		89	70 - 155	3	30
Perfluoroundecanoic acid (PFUnA)	2.38	2.051		ug/Kg		86	70 - 155	8	30
Perfluorododecanoic acid (PFDoA)	2.38	2.167		ug/Kg		91	70 - 150	1	30
Perfluorotridecanoic acid (PFTrDA)	2.38	2.182		ug/Kg		92	65 - 150	3	30
Perfluorotetradecanoic acid (PFTeDA)	2.38	2.089		ug/Kg		88	65 - 150	8	30
Perfluorobutanesulfonic acid (PFBS)	2.11	1.676		ug/Kg		79	65 - 145	5	30
Perfluoropentanesulfonic acid (PFPeS)	2.24	2.028		ug/Kg		91	55 - 160	9	30
Perfluorohexanesulfonic acid (PFHxS)	2.17	1.928		ug/Kg		89	60 - 150	3	30
Perfluoroheptanesulfonic acid (PFHpS)	2.27	2.084		ug/Kg		92	65 - 155	1	30
Perfluorooctanesulfonic acid (PFOS)	2.21	1.886		ug/Kg		85	65 - 160	2	30
Perfluorononanesulfonic acid (PFNS)	2.29	1.721		ug/Kg		75	55 - 140	3	30
Perfluorodecanesulfonic acid (PFDS)	2.30	2.009		ug/Kg		88	40 - 155	3	30
Perfluorododecanesulfonic acid (PFDoS)	2.31	1.853		ug/Kg		80	25 - 160	3	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.47	3.649		ug/Kg		82	60 - 150	5	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.53	3.683		ug/Kg		81	55 - 200	18	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.57	4.354		ug/Kg		95	70 - 150	0	30
Perfluorooctanesulfonamide (PFOSA)	2.38	2.329		ug/Kg		98	70 - 140	3	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.38	2.151		ug/Kg		90	70 - 155	4	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.38	2.112		ug/Kg		89	70 - 140	5	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.38	2.055		ug/Kg		86	65 - 155	9	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.38	2.183		ug/Kg		92	65 - 165	0	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	11.9	10.53		ug/Kg		88	70 - 140	2	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	11.9	9.922		ug/Kg		83	70 - 135	1	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.79	1.582		ug/Kg		89	70 - 145	6	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.25	2.381		ug/Kg		106	70 - 160	10	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.38	1.241	*	ug/Kg		52	30 - 140	101	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.38	3.354		ug/Kg		141	60 - 150	20	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-665984/3-A
Matrix: Solid
Analysis Batch: 667156

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 665984

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.38	2.088		ug/Kg		88	60 - 155	5	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.22	1.561		ug/Kg		70	70 - 150	7	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.25	1.981		ug/Kg		88	45 - 160	8	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.12	1.719		ug/Kg		81	70 - 140	1	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			4.76	2.763		ug/Kg		58	45 - 130	30	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			11.9	9.790		ug/Kg		82	60 - 130	3	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			11.9	9.566		ug/Kg		80	60 - 150	8	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*33.7*		*8 - 130*
13C5 PFPeA	*61.7*		*35 - 130*
13C5 PFHxA	*136*	*	*40 - 130*
13C4 PFHpA	*135*	*	*40 - 130*
13C8 PFOA	*131*	*	*40 - 130*
13C9 PFNA	*136*	*	*40 - 130*
13C6 PFDA	*121*		*40 - 130*
13C7 PFUnA	*128*		*40 - 130*
13C2 PFTeDA	*112*		*20 - 130*
13C3 PFBS	*115*		*40 - 135*
13C3 PFHxS	*123*		*40 - 130*
13C8 PFOS	*114*		*40 - 130*
13C8 FOSA	*114*		*40 - 130*
d3-NMeFOSAA	*121*		*40 - 135*
d5-NEtFOSAA	*117*		*40 - 150*
13C2 4:2 FTS	*128*		*40 - 165*
13C2 6:2 FTS	*137*		*40 - 215*
13C2 8:2 FTS	*113*		*40 - 275*
13C3 HFPO-DA	*117*		*40 - 130*
d7-N-MeFOSE-M	*99.7*		*20 - 130*
d9-N-EtFOSE-M	*96.4*		*15 - 130*
d5-NEtPFOSA	*105*		*10 - 130*
d3-NMePFOSA	*109*		*10 - 130*
13C2 PFDoA	*125*		*40 - 130*

Lab Sample ID: LLCS 410-665984/4-A
Matrix: Solid
Analysis Batch: 667156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 665984

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)			0.495	0.463		ug/Kg		93	70 - 140
Perfluoropentanoic acid (PFPeA)			0.248	0.197	J	ug/Kg		80	60 - 150
Perfluorohexanoic acid (PFHxA)			0.248	0.225		ug/Kg		91	65 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-665984/4-A
Matrix: Solid
Analysis Batch: 667156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 665984

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanoic acid (PFHpA)	0.248	0.221		ug/Kg		89	65 - 145
Perfluorooctanoic acid (PFOA)	0.248	0.232		ug/Kg		94	70 - 150
Perfluorononanoic acid (PFNA)	0.248	0.225		ug/Kg		91	70 - 155
Perfluorodecanoic acid (PFDA)	0.248	0.210		ug/Kg		85	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.248	0.231		ug/Kg		93	70 - 155
Perfluorododecanoic acid (PFDoA)	0.248	0.226		ug/Kg		91	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.248	0.231		ug/Kg		93	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.248	0.225		ug/Kg		91	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.220	0.186	J	ug/Kg		85	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.233	0.224		ug/Kg		96	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.226	0.225		ug/Kg		100	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.236	0.221		ug/Kg		94	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.230	0.226		ug/Kg		98	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.238	0.182	J	ug/Kg		76	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.239	0.197	J	ug/Kg		83	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.240	0.165	J	ug/Kg		69	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.464	0.437		ug/Kg		94	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.471	0.447		ug/Kg		95	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.475	0.492		ug/Kg		104	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.248	0.270		ug/Kg		109	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.248	0.212		ug/Kg		86	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.248	0.233		ug/Kg		94	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.248	0.253		ug/Kg		102	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.248	0.252		ug/Kg		102	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.24	1.116		ug/Kg		90	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.24	1.145		ug/Kg		92	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.186	0.166	J	ug/Kg		90	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.234	0.251		ug/Kg		107	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.248	0.230		ug/Kg		93	30 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-665984/4-A
Matrix: Solid
Analysis Batch: 667156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 665984

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluoro-4-methoxybutanoic acid (PFMBA)			0.248	0.193	J	ug/Kg		78	60 - 150		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			0.248	0.226		ug/Kg		91	60 - 155		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			0.231	0.165	J	ug/Kg		71	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			0.234	0.181	J	ug/Kg		78	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			0.221	0.178	J	ug/Kg		80	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			0.495	0.545		ug/Kg		110	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			1.24	0.988	J	ug/Kg		80	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			1.24	1.047		ug/Kg		85	60 - 150		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*118*		*8 - 130*
13C5 PFPeA	*117*		*35 - 130*
13C5 PFHxA	*115*		*40 - 130*
13C4 PFHpA	*118*		*40 - 130*
13C8 PFOA	*115*		*40 - 130*
13C9 PFNA	*112*		*40 - 130*
13C6 PFDA	*103*		*40 - 130*
13C7 PFUnA	*103*		*40 - 130*
13C2 PFTeDA	*88.6*		*20 - 130*
13C3 PFBS	*94.5*		*40 - 135*
13C3 PFHxS	*105*		*40 - 130*
13C8 PFOS	*109*		*40 - 130*
13C8 FOSA	*94.8*		*40 - 130*
d3-NMeFOSAA	*106*		*40 - 135*
d5-NEtFOSAA	*101*		*40 - 150*
13C2 4:2 FTS	*103*		*40 - 165*
13C2 6:2 FTS	*120*		*40 - 215*
13C2 8:2 FTS	*98.7*		*40 - 275*
13C3 HFPO-DA	*99.1*		*40 - 130*
d7-N-MeFOSE-M	*90.8*		*20 - 130*
d9-N-EtFOSE-M	*83.7*		*15 - 130*
d5-NEtPFOSA	*69.4*		*10 - 130*
d3-NMePFOSA	*74.7*		*10 - 130*
13C2 PFDoA	*104*		*40 - 130*

Lab Sample ID: MB 410-666244/1-A
Matrix: Solid
Analysis Batch: 668232

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 666244

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.13	ug/Kg		07/02/25 15:14	07/08/25 13:48	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-666244/1-A
Matrix: Solid
Analysis Batch: 668232

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 666244

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.050	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.060	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.070	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.060	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.050	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.050	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.050	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.070	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.070	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.070	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.060	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.050	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.070	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.11	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.070	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.050	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.060	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.10	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.13	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.13	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.090	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.090	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.080	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.30	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.30	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.060	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.070	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.050	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.070	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.090	ug/Kg		07/02/25 15:14	07/08/25 13:48	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-666244/1-A
Matrix: Solid
Analysis Batch: 668232

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 666244

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.080	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.050	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		07/02/25 15:14	07/08/25 13:48	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.40	ug/Kg		07/02/25 15:14	07/08/25 13:48	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*97.4*		*8 - 130*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
13C5 PFPeA	*101*		*35 - 130*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
13C5 PFHxA	*101*		*40 - 130*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
13C4 PFHpA	*96.4*		*40 - 130*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
13C8 PFOA	*90.3*		*40 - 130*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
13C9 PFNA	*108*		*40 - 130*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
13C6 PFDA	*86.8*		*40 - 130*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
13C7 PFUnA	*83.0*		*40 - 130*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
13C2 PFTeDA	*76.0*		*20 - 130*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
13C3 PFBS	*101*		*40 - 135*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
13C3 PFHxS	*100*		*40 - 130*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
13C8 PFOS	*93.6*		*40 - 130*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
13C8 FOSA	*80.1*		*40 - 130*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
d3-NMeFOSAA	*88.4*		*40 - 135*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
d5-NEtFOSAA	*85.1*		*40 - 150*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
13C2 4:2 FTS	*104*		*40 - 165*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
13C2 6:2 FTS	*101*		*40 - 215*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
13C2 8:2 FTS	*88.8*		*40 - 275*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
13C3 HFPO-DA	*97.3*		*40 - 130*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
d7-N-MeFOSE-M	*62.8*		*20 - 130*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
d9-N-EtFOSE-M	*58.3*		*15 - 130*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
d5-NEtPFOSA	*69.3*		*10 - 130*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
d3-NMePFOSA	*73.9*		*10 - 130*	*07/02/25 15:14*	*07/08/25 13:48*	*1*
13C2 PFDoA	*74.6*		*40 - 130*	*07/02/25 15:14*	*07/08/25 13:48*	*1*

Lab Sample ID: LCS 410-666244/2-A
Matrix: Solid
Analysis Batch: 668232

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 666244

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.339		ug/Kg		87	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.173		ug/Kg		87	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.117		ug/Kg		85	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.269		ug/Kg		91	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.140		ug/Kg		86	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.246		ug/Kg		90	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.153		ug/Kg		86	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-666244/2-A
Matrix: Solid
Analysis Batch: 668232

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 666244

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	2.50	1.884		ug/Kg		75	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.349		ug/Kg		94	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	1.843		ug/Kg		74	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	1.983		ug/Kg		79	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	2.006		ug/Kg		90	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.164		ug/Kg		92	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	1.947		ug/Kg		85	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	1.998		ug/Kg		84	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	1.990		ug/Kg		86	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	1.978		ug/Kg		82	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	1.887		ug/Kg		78	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.671		ug/Kg		69	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.316		ug/Kg		92	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.331		ug/Kg		91	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.333		ug/Kg		90	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.493		ug/Kg		100	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.216		ug/Kg		89	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.340		ug/Kg		94	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.204		ug/Kg		88	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.323		ug/Kg		93	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	12.09		ug/Kg		97	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	11.12		ug/Kg		89	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.588		ug/Kg		85	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.028		ug/Kg		86	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.471		ug/Kg		99	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.205		ug/Kg		88	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.237		ug/Kg		89	60 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-666244/2-A
Matrix: Solid
Analysis Batch: 668232

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 666244

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	1.933		ug/Kg		83	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	1.763		ug/Kg		75	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	1.782		ug/Kg		80	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	4.404		ug/Kg		88	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	9.828		ug/Kg		79	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	9.106		ug/Kg		73	60 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*90.4*		*8 - 130*
13C5 PFPeA	*94.0*		*35 - 130*
13C5 PFHxA	*95.0*		*40 - 130*
13C4 PFHpA	*90.5*		*40 - 130*
13C8 PFOA	*84.6*		*40 - 130*
13C9 PFNA	*88.0*		*40 - 130*
13C6 PFDA	*85.4*		*40 - 130*
13C7 PFUnA	*85.8*		*40 - 130*
13C2 PFTeDA	*76.1*		*20 - 130*
13C3 PFBS	*87.8*		*40 - 135*
13C3 PFHxS	*87.5*		*40 - 130*
13C8 PFOS	*88.6*		*40 - 130*
13C8 FOSA	*73.9*		*40 - 130*
d3-NMeFOSAA	*77.1*		*40 - 135*
d5-NEtFOSAA	*71.0*		*40 - 150*
13C2 4:2 FTS	*89.7*		*40 - 165*
13C2 6:2 FTS	*91.9*		*40 - 215*
13C2 8:2 FTS	*82.3*		*40 - 275*
13C3 HFPO-DA	*91.7*		*40 - 130*
d7-N-MeFOSE-M	*51.6*		*20 - 130*
d9-N-EtFOSE-M	*48.0*		*15 - 130*
d5-NEtPFOSA	*60.8*		*10 - 130*
d3-NMePFOSA	*64.1*		*10 - 130*
13C2 PFDoA	*73.0*		*40 - 130*

Lab Sample ID: LLCS 410-666244/3-A
Matrix: Solid
Analysis Batch: 668232

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 666244

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorobutanoic acid (PFBA)			0.500	0.470		ug/Kg		94	70 - 140		
Perfluoropentanoic acid (PFPeA)			0.250	0.227		ug/Kg		91	60 - 150		
Perfluorohexanoic acid (PFHxA)			0.250	0.224		ug/Kg		89	65 - 140		
Perfluoroheptanoic acid (PFHpA)			0.250	0.226		ug/Kg		91	65 - 145		
Perfluorooctanoic acid (PFOA)			0.250	0.232		ug/Kg		93	70 - 150		

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-666244/3-A
Matrix: Solid
Analysis Batch: 668232

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 666244

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanoic acid (PFNA)	0.250	0.238		ug/Kg		95	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.223		ug/Kg		89	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.214		ug/Kg		86	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.232		ug/Kg		93	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.223		ug/Kg		89	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.224		ug/Kg		90	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.209		ug/Kg		94	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.211		ug/Kg		90	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.208		ug/Kg		91	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.215		ug/Kg		90	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.224		ug/Kg		97	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.206		ug/Kg		86	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.201		ug/Kg		84	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.164	J	ug/Kg		68	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.440		ug/Kg		94	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.471		ug/Kg		99	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.465		ug/Kg		97	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.275		ug/Kg		110	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.248		ug/Kg		99	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.244		ug/Kg		98	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.230		ug/Kg		92	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.238		ug/Kg		95	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.088		ug/Kg		87	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.286		ug/Kg		103	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.181	J	ug/Kg		96	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.199	J	ug/Kg		84	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.240		ug/Kg		96	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.232		ug/Kg		93	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-666244/3-A
Matrix: Solid
Analysis Batch: 668232

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 666244

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			0.250	0.286		ug/Kg		114	60 - 155		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			0.234	0.188	J	ug/Kg		81	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			0.236	0.182	J	ug/Kg		77	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			0.223	0.184	J	ug/Kg		83	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			0.500	0.491		ug/Kg		98	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			1.25	1.034		ug/Kg		83	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			1.25	0.868	J	ug/Kg		69	60 - 150		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*106*		*8 - 130*
13C5 PFPeA	*107*		*35 - 130*
13C5 PFHxA	*109*		*40 - 130*
13C4 PFHpA	*103*		*40 - 130*
13C8 PFOA	*104*		*40 - 130*
13C9 PFNA	*106*		*40 - 130*
13C6 PFDA	*91.8*		*40 - 130*
13C7 PFUnA	*87.7*		*40 - 130*
13C2 PFTeDA	*68.8*		*20 - 130*
13C3 PFBS	*103*		*40 - 135*
13C3 PFHxS	*102*		*40 - 130*
13C8 PFOS	*95.7*		*40 - 130*
13C8 FOSA	*82.5*		*40 - 130*
d3-NMeFOSAA	*81.1*		*40 - 135*
d5-NEtFOSAA	*74.8*		*40 - 150*
13C2 4:2 FTS	*106*		*40 - 165*
13C2 6:2 FTS	*106*		*40 - 215*
13C2 8:2 FTS	*93.5*		*40 - 275*
13C3 HFPO-DA	*106*		*40 - 130*
d7-N-MeFOSE-M	*60.2*		*20 - 130*
d9-N-EtFOSE-M	*47.3*		*15 - 130*
d5-NEtPFOSA	*62.4*		*10 - 130*
d3-NMePFOSA	*67.2*		*10 - 130*
13C2 PFDoA	*77.0*		*40 - 130*

LCMS

Prep Batch: 661075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328738-6	FB_SO_06162026_P	Total/NA	Water	1633A	
MB 410-661075/1-A	Method Blank	Total/NA	Water	1633A	
LCS 410-661075/2-A	Lab Control Sample	Total/NA	Water	1633A	
LCSD 410-661075/3-A	Lab Control Sample Dup	Total/NA	Water	1633A	
LLCS 410-661075/4-A	Lab Control Sample	Total/NA	Water	1633A	

Analysis Batch: 661479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328738-6	FB_SO_06162026_P	Total/NA	Water	1633A	661075
MB 410-661075/1-A	Method Blank	Total/NA	Water	1633A	661075
LCS 410-661075/2-A	Lab Control Sample	Total/NA	Water	1633A	661075
LCSD 410-661075/3-A	Lab Control Sample Dup	Total/NA	Water	1633A	661075
LLCS 410-661075/4-A	Lab Control Sample	Total/NA	Water	1633A	661075

Prep Batch: 661510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328738-3 - DL	RX-06(0-2)_P	Total/NA	Solid	1633A Shake	
460-328738-3	RX-06(0-2)_P	Total/NA	Solid	1633A Shake	
460-328738-5	RX-06(6-8)_P	Total/NA	Solid	1633A Shake	
460-328738-7	RX-10(0-2)_P	Total/NA	Solid	1633A Shake	
460-328738-8	RX-10(4-6)_P	Total/NA	Solid	1633A Shake	
460-328738-9	RX-7(0-2)_P	Total/NA	Solid	1633A Shake	
460-328738-10 - DL	RX-7(4-6)_P	Total/NA	Solid	1633A Shake	
460-328738-10	RX-7(4-6)_P	Total/NA	Solid	1633A Shake	
460-328738-11	RX-02(0-2)_P	Total/NA	Solid	1633A Shake	
460-328738-12	RX-02(6-8)_P	Total/NA	Solid	1633A Shake	
MB 410-661510/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-661510/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LLCS 410-661510/3-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
460-328738-3 MS	RX-06(0-2)_P	Total/NA	Solid	1633A Shake	
460-328738-3 MSD	RX-06(0-2)_P	Total/NA	Solid	1633A Shake	

Prep Batch: 662487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328738-1	RX-05(0-2)_P	Total/NA	Solid	1633A Shake	
460-328738-2	RX-05(4-6)_P	Total/NA	Solid	1633A Shake	
MB 410-662487/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-662487/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LLCS 410-662487/3-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
480-230381-A-4-B MS	Matrix Spike	Total/NA	Solid	1633A Shake	
480-230381-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	1633A Shake	

Analysis Batch: 664231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328738-3	RX-06(0-2)_P	Total/NA	Solid	1633A	661510
460-328738-5	RX-06(6-8)_P	Total/NA	Solid	1633A	661510
460-328738-7	RX-10(0-2)_P	Total/NA	Solid	1633A	661510
460-328738-8	RX-10(4-6)_P	Total/NA	Solid	1633A	661510
460-328738-9	RX-7(0-2)_P	Total/NA	Solid	1633A	661510
460-328738-10	RX-7(4-6)_P	Total/NA	Solid	1633A	661510
460-328738-11	RX-02(0-2)_P	Total/NA	Solid	1633A	661510

LCMS (Continued)

Analysis Batch: 664231 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328738-12	RX-02(6-8)_P	Total/NA	Solid	1633A	661510
MB 410-661510/1-A	Method Blank	Total/NA	Solid	1633A	661510
LCS 410-661510/2-A	Lab Control Sample	Total/NA	Solid	1633A	661510
LLCS 410-661510/3-A	Lab Control Sample	Total/NA	Solid	1633A	661510
460-328738-3 MS	RX-06(0-2)_P	Total/NA	Solid	1633A	661510
460-328738-3 MSD	RX-06(0-2)_P	Total/NA	Solid	1633A	661510

Analysis Batch: 664806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328738-3 - DL	RX-06(0-2)_P	Total/NA	Solid	1633A	661510
460-328738-10 - DL	RX-7(4-6)_P	Total/NA	Solid	1633A	661510

Analysis Batch: 665722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328738-1	RX-05(0-2)_P	Total/NA	Solid	1633A	662487
460-328738-2	RX-05(4-6)_P	Total/NA	Solid	1633A	662487
MB 410-662487/1-A	Method Blank	Total/NA	Solid	1633A	662487
LCS 410-662487/2-A	Lab Control Sample	Total/NA	Solid	1633A	662487
LLCS 410-662487/3-A	Lab Control Sample	Total/NA	Solid	1633A	662487
480-230381-A-4-B MS	Matrix Spike	Total/NA	Solid	1633A	662487
480-230381-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	1633A	662487

Prep Batch: 665984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328738-10 - RE	RX-7(4-6)_P	Total/NA	Solid	1633A Shake	
MB 410-665984/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-665984/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LCSD 410-665984/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A Shake	
LLCS 410-665984/4-A	Lab Control Sample	Total/NA	Solid	1633A Shake	

Prep Batch: 666244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328738-4	DUP_SO_06162025_P	Total/NA	Solid	1633A Shake	
MB 410-666244/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-666244/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LLCS 410-666244/3-A	Lab Control Sample	Total/NA	Solid	1633A Shake	

Analysis Batch: 667156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328738-10 - RE	RX-7(4-6)_P	Total/NA	Solid	1633A	665984
MB 410-665984/1-A	Method Blank	Total/NA	Solid	1633A	665984
LCS 410-665984/2-A	Lab Control Sample	Total/NA	Solid	1633A	665984
LCSD 410-665984/3-A	Lab Control Sample Dup	Total/NA	Solid	1633A	665984
LLCS 410-665984/4-A	Lab Control Sample	Total/NA	Solid	1633A	665984

Analysis Batch: 668232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328738-4	DUP_SO_06162025_P	Total/NA	Solid	1633A	666244
MB 410-666244/1-A	Method Blank	Total/NA	Solid	1633A	666244
LCS 410-666244/2-A	Lab Control Sample	Total/NA	Solid	1633A	666244
LLCS 410-666244/3-A	Lab Control Sample	Total/NA	Solid	1633A	666244

QC Association Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328738-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

General Chemistry

Analysis Batch: 660655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328738-1	RX-05(0-2)_P	Total/NA	Solid	Moisture	
460-328738-2	RX-05(4-6)_P	Total/NA	Solid	Moisture	
460-328738-3	RX-06(0-2)_P	Total/NA	Solid	Moisture	
460-328738-4	DUP_SO_06162025_P	Total/NA	Solid	Moisture	
460-328738-5	RX-06(6-8)_P	Total/NA	Solid	Moisture	
460-328738-7	RX-10(0-2)_P	Total/NA	Solid	Moisture	
460-328738-8	RX-10(4-6)_P	Total/NA	Solid	Moisture	
460-328738-9	RX-7(0-2)_P	Total/NA	Solid	Moisture	
460-328738-10	RX-7(4-6)_P	Total/NA	Solid	Moisture	
460-328738-11	RX-02(0-2)_P	Total/NA	Solid	Moisture	
460-328738-12	RX-02(6-8)_P	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328738-1

Client Sample ID: RX-05(0-2)_P
Date Collected: 06/17/25 12:05
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328738-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	660655	E5GC	ELLE	06/20/25 10:11

Client Sample ID: RX-05(0-2)_P
Date Collected: 06/17/25 12:05
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328738-1
Matrix: Solid
Percent Solids: 75.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			662487	X3LR	ELLE	06/25/25 08:08
Total/NA	Analysis	1633A		1	665722	P7EB	ELLE	07/02/25 05:54

Client Sample ID: RX-05(4-6)_P
Date Collected: 06/17/25 12:15
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328738-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	660655	E5GC	ELLE	06/20/25 10:11

Client Sample ID: RX-05(4-6)_P
Date Collected: 06/17/25 12:15
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328738-2
Matrix: Solid
Percent Solids: 87.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			662487	X3LR	ELLE	06/25/25 08:08
Total/NA	Analysis	1633A		1	665722	P7EB	ELLE	06/25/25 06:07

Client Sample ID: RX-06(0-2)_P
Date Collected: 06/17/25 12:55
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328738-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	660655	E5GC	ELLE	06/20/25 10:11

Client Sample ID: RX-06(0-2)_P
Date Collected: 06/17/25 12:55
Date Received: 06/17/25 20:00

Lab Sample ID: 460-328738-3
Matrix: Solid
Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			661510	M7AT	ELLE	06/23/25 14:42
Total/NA	Analysis	1633A		1	664231	P7EB	ELLE	06/28/25 00:44
Total/NA	Prep	1633A Shake	DL		661510	M7AT	ELLE	06/23/25 14:42
Total/NA	Analysis	1633A	DL	10	664806	P7EB	ELLE	06/30/25 13:09

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328738-1

Client Sample ID: DUP_SO_06162025_P
Lab Sample ID: 460-328738-4
Date Collected: 06/17/25 13:05
Matrix: Solid
Date Received: 06/17/25 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	660655	E5GC	ELLE	06/20/25 10:11

Client Sample ID: DUP_SO_06162025_P
Lab Sample ID: 460-328738-4
Date Collected: 06/17/25 13:05
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 78.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			666244	M7AT	ELLE	07/02/25 15:14
Total/NA	Analysis	1633A		1	668232	JU9U	ELLE	07/08/25 14:29

Client Sample ID: RX-06(6-8)_P
Lab Sample ID: 460-328738-5
Date Collected: 06/17/25 14:00
Matrix: Solid
Date Received: 06/17/25 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	660655	E5GC	ELLE	06/20/25 10:11

Client Sample ID: RX-06(6-8)_P
Lab Sample ID: 460-328738-5
Date Collected: 06/17/25 14:00
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 64.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			661510	M7AT	ELLE	06/23/25 14:42
Total/NA	Analysis	1633A		1	664231	P7EB	ELLE	06/28/25 01:38

Client Sample ID: FB_SO_06162026_P
Lab Sample ID: 460-328738-6
Date Collected: 06/17/25 16:00
Matrix: Water
Date Received: 06/17/25 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			661075	MSH2	ELLE	06/22/25 10:07
Total/NA	Analysis	1633A		1	661479	LDU5	ELLE	06/23/25 17:12

Client Sample ID: RX-10(0-2)_P
Lab Sample ID: 460-328738-7
Date Collected: 06/17/25 07:50
Matrix: Solid
Date Received: 06/17/25 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	660655	E5GC	ELLE	06/20/25 10:11

Client Sample ID: RX-10(0-2)_P
Lab Sample ID: 460-328738-7
Date Collected: 06/17/25 07:50
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			661510	M7AT	ELLE	06/23/25 14:42
Total/NA	Analysis	1633A		1	664231	P7EB	ELLE	06/28/25 01:52

Client Sample ID: RX-10(4-6)_P
Lab Sample ID: 460-328738-8
Date Collected: 06/17/25 08:05
Matrix: Solid
Date Received: 06/17/25 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	660655	E5GC	ELLE	06/20/25 10:11

Client Sample ID: RX-10(4-6)_P
Lab Sample ID: 460-328738-8
Date Collected: 06/17/25 08:05
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 82.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			661510	M7AT	ELLE	06/23/25 14:42
Total/NA	Analysis	1633A		1	664231	P7EB	ELLE	06/28/25 02:05

Client Sample ID: RX-7(0-2)_P
Lab Sample ID: 460-328738-9
Date Collected: 06/17/25 11:35
Matrix: Solid
Date Received: 06/17/25 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	660655	E5GC	ELLE	06/20/25 10:11

Client Sample ID: RX-7(0-2)_P
Lab Sample ID: 460-328738-9
Date Collected: 06/17/25 11:35
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			661510	M7AT	ELLE	06/23/25 14:42
Total/NA	Analysis	1633A		1	664231	P7EB	ELLE	06/28/25 02:19

Client Sample ID: RX-7(4-6)_P
Lab Sample ID: 460-328738-10
Date Collected: 06/17/25 11:45
Matrix: Solid
Date Received: 06/17/25 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	660655	E5GC	ELLE	06/20/25 10:11

Client Sample ID: RX-7(4-6)_P
Lab Sample ID: 460-328738-10
Date Collected: 06/17/25 11:45
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake	RE		665984	RC3V	ELLE	07/02/25 07:41
Total/NA	Analysis	1633A	RE	1	667156	UUV6	ELLE	07/04/25 12:05
Total/NA	Prep	1633A Shake			661510	M7AT	ELLE	06/23/25 14:42
Total/NA	Analysis	1633A		1	664231	P7EB	ELLE	06/28/25 02:33
Total/NA	Prep	1633A Shake	DL		661510	M7AT	ELLE	06/23/25 14:42
Total/NA	Analysis	1633A	DL	10	664806	P7EB	ELLE	06/30/25 13:22

Client Sample ID: RX-02(0-2)_P
Lab Sample ID: 460-328738-11
Date Collected: 06/17/25 13:50
Matrix: Solid
Date Received: 06/17/25 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	660655	E5GC	ELLE	06/20/25 10:11

Client Sample ID: RX-02(0-2)_P
Lab Sample ID: 460-328738-11
Date Collected: 06/17/25 13:50
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 97.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			661510	M7AT	ELLE	06/23/25 14:42
Total/NA	Analysis	1633A		1	664231	P7EB	ELLE	06/28/25 02:46

Client Sample ID: RX-02(6-8)_P
Lab Sample ID: 460-328738-12
Date Collected: 06/17/25 14:00
Matrix: Solid
Date Received: 06/17/25 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	660655	E5GC	ELLE	06/20/25 10:11

Client Sample ID: RX-02(6-8)_P
Lab Sample ID: 460-328738-12
Date Collected: 06/17/25 14:00
Matrix: Solid
Date Received: 06/17/25 20:00
Percent Solids: 78.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			661510	M7AT	ELLE	06/23/25 14:42
Total/NA	Analysis	1633A		1	664231	P7EB	ELLE	06/28/25 03:00

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328738-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture

Method Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328738-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method	Method Description	Protocol	Laboratory
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
Moisture	Percent Moisture	EPA	ELLE
1633A	Solid-Phase Extraction (SPE)	EPA	ELLE
1633A Shake	Shake Extraction with SPE	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328738-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-328738-1	RX-05(0-2)_P	Solid	06/17/25 12:05	06/17/25 20:00
460-328738-2	RX-05(4-6)_P	Solid	06/17/25 12:15	06/17/25 20:00
460-328738-3	RX-06(0-2)_P	Solid	06/17/25 12:55	06/17/25 20:00
460-328738-4	DUP_SO_06162025_P	Solid	06/17/25 13:05	06/17/25 20:00
460-328738-5	RX-06(6-8)_P	Solid	06/17/25 14:00	06/17/25 20:00
460-328738-6	FB_SO_06162026_P	Water	06/17/25 16:00	06/17/25 20:00
460-328738-7	RX-10(0-2)_P	Solid	06/17/25 07:50	06/17/25 20:00
460-328738-8	RX-10(4-6)_P	Solid	06/17/25 08:05	06/17/25 20:00
460-328738-9	RX-7(0-2)_P	Solid	06/17/25 11:35	06/17/25 20:00
460-328738-10	RX-7(4-6)_P	Solid	06/17/25 11:45	06/17/25 20:00
460-328738-11	RX-02(0-2)_P	Solid	06/17/25 13:50	06/17/25 20:00
460-328738-12	RX-02(6-8)_P	Solid	06/17/25 14:00	06/17/25 20:00

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins

Client Information	Sampler: Josue Criollo	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-196055-128295.3
Client Contact: Josue Criollo	Phone: 5166603060	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: Roux Environmental Eng & Geology DPC	PWSID:	Analysis Requested		Job #:
Address: 209 Shafter St	Due Date Requested:			Preservation Codes: N None
City: Islandia	TAT Requested (days): 5 D			328738
State, Zip: NY 11749	Compliance Project: Δ Yes Δ No			
Phone: 631-831-8490(Tel)	PO #: Purchase Order Requested			
Email: jcriollo@rouxinc.com	WO #:			
Project Name: 5-32 College Point Blvd, Flushing, NY	Project #: 46046973			
Site: 35-32 College Point Blvd, Flushing	SSOW#:			

460-328738 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A PFAS 1633 Standard List of 40	Total	Special Instructions/Note:
			Preservation Code:		X	X	N	X	
RX-05(0-2)_P	6/16/25	1205	G	Solid			✓	2	
RX-05(4-6)_P	6/16/25	1215		Water			✓	2	
RX-06(0-2)_P		1255		Water			✓	6	MS/MSD
~~RX-06(6-8)_P~~ DUP_SO_06162025_P		1305		Water			✓	2	
RX-06(6-8)_P		1400	↓	Water			✓	2	
FB_SO_06162026_P	6/16/25	1600		W			✓	2	
RX-10(0-2)_P	6/17/25	750		S			✓	2	
RX-10(4-6)_P	6/17/25	805		S			✓	2	
RX-7(0-2)_P		1135		S			✓	2	
RX-7(4-6)_P		1145	↓	S			✓	2	
				J			✓		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	6/17/25 1645	ROUX			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time: 6/17/25 2000	Company ERT	Received by:	Date/Time: 6/17 2000	Company ERT

Custody Seals Intact: Δ Yes Δ No	Custody Seal No. NO CS	Cooler Temperature(s) °C and Other Remarks: IR#9 0.6-1.0 6/18/25 2017

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins

Client Information	Sampler: Josue Criollo	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-196055-128295.3
Client Contact: Josue Criollo	Phone: 5166603060	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 3 of 3
Company: Roux Environmental Eng & Geology DPC	PWSID:	Analysis Requested		Job #:
Address: 209 Shafter St	Due Date Requested:			Preservation Codes: N None
City: Islandia	TAT Requested (days): 5D			
State, Zip: NY 11749	Compliance Project: Δ Yes Δ No			
Phone: 631-831-8490(Tel)	PO #: Purchase Order Requested			
Email: jcriollo@rouxinc.com	WO #:			
Project Name: 5-32 College Point Blvd Flushing, NY	Project #: 46046973			
Site: 35-32 College Point Blvd, Flushing	SSOW#:			Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A PFAS 1633 Standard List of 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	X	
RX-02(0-2)_P	6/17/25	1350	G	Solid			1	2	
RX-02(6-8)_P	6/17/25	1400	G	Water			1	2	
				Water					
				Water					
				Water					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 6/17/25 1645	Company: Roux	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time: 6/17/25 2000	Company: ESS	Received by:	Date/Time: 6/17 2000	Company: ESS

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: NO CS	Cooler Temperature(s) °C and Other Remarks: IR#9 4.1 - 4.5

6/18/25 2017

Ver: 05/06/2024

7/10/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 328738

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	0.6 °C	1.0 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below.

Sample No(s). adjusted. _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: MM Date: 6/17/25

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-74534.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-328738-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 6/24/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 5-32 College Point Blvd, Flushing, NY	Project #: 46046973			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_ShakePFAS 1633 Standard List of 40	MoisturePercent Moisture	1633A/1633A_SPEPFAS 1633 Standard List of 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
RX-05(0-2)_P (460-328738-1)	6/17/25	12:05 Eastern	G	Solid			X	X		2	
RX-05(4-6)_P (460-328738-2)	6/17/25	12:15 Eastern	G	Solid			X	X		2	
RX-06(0-2)_P (460-328738-3)	6/17/25	12:55 Eastern	G	Solid			X	X		2	
RX-06(0-2)_P (460-328738-3MS)	6/17/25	12:55 Eastern	G	Solid			X			2	
RX-06(0-2)_P (460-328738-3MSD)	6/17/25	12:55 Eastern	G	Solid			X			2	
DUP_SO_06162025_P (460-328738-4)	6/17/25	13:05 Eastern	G	Solid			X	X		2	
RX-06(6-8)_P (460-328738-5)	6/17/25	14:00 Eastern	G	Solid			X	X		2	
FB_SO_06162026_P (460-328738-6)	6/17/25	16:00 Eastern	G	Water					X	2	
RX-10(0-2)_P (460-328738-7)	6/17/25	07:50 Eastern	G	Solid			X	X		2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		6/19/25 1540	ET		6/19/25 1540	ET
2		6/19/25 2012	ET			
3					6/19/25 2012	ET

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 5.0-6.1 corr: 4.8-5.9

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-74534.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-328738-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 6/24/2025	Analysis Requested		Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 5-32 College Point Blvd, Flushing, NY	Project #: 46046973			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_ShakePFAS 1633 Standard List of 40	MoisturePercent Moisture	1633A/1633A_SPEPFAS 1633 Standard List of 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
RX-10(4-6)_P (460-328738-8)	6/17/25	08:05 Eastern	G	Solid			X	X		2	
RX-7(0-2)_P (460-328738-9)	6/17/25	11:35 Eastern	G	Solid			X	X		2	
RX-7(4-6)_P (460-328738-10)	6/17/25	11:45 Eastern	G	Solid			X	X		2	
RX-02(0-2)_P (460-328738-11)	6/17/25	13:50 Eastern	G	Solid			X	X		2	
RX-02(6-8)_P (460-328738-12)	6/17/25	14:00 Eastern	G	Solid			X	X		2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	6/19/25 1540	ETL	[signature]	6/19/25 1540	ELPT
2	Relinquished by: [signature]	Date/Time: 6/19/25 2012	Company ELPT	Received by: [signature]	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 10/19/25 2012	Company ELPT

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: Tan 5.0-6.1 cor 4.8-5.9

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-328738-1

Login Number: 328738
List Number: 1
Creator: Rivera, Kenneth

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-328738-1

Login Number: 328738
List Number: 2
Creator: McDonald, Teigan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 06/20/25 02:47 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michelle Okvist
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, New York 11749

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JOB DESCRIPTION

35-32 College Point Blvd, Flushing, NY

JOB NUMBER

460-328838-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Eurofins Edison

Job Notes

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

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

Compliance Statement

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

Authorization



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6/25/2025 5:21:49 PM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

GC Semi VOA

Qualifier	Qualifier Description
*	Surrogate is outside acceptance limits.
*	RPD of the LCS and LCSD exceeds the control limits
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

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

General Chemistry

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

Glossary

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

Glossary (Continued)

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

Job Narrative
460-328838-1

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 6/18/2025 7:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.9°C.

Receipt Exceptions
Per laboratory policy the Trip Blank sample date/time was added to reflect the latest sample date/time of the sampling event.

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. TRIP BLANK listed on the COC as a Solid, received 2 - 40ml preserved vials.

Method 8260D - Volatile Organic Compounds by GC/MS
Samples RX_04(0-2) (460-328838-1), RX_04(4-6) (460-328838-2), TRIP BLANK (460-328838-3), RX_01(0-2) (460-328838-4) and RX_01(4-6) (460-328838-5) were analyzed for Volatile Organic Compounds by GC/MS. The samples were prepared on 6/20/2025 and analyzed on 6/22/2025 and 6/24/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1045686 was outside the method criteria for the following analytes: 1,1,1-Trichloroethane (biased high) and 1,1,2,2-Tetrachloroethane, Chloromethane, Dichlorodifluoromethane and Vinyl chloride (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The laboratory control sample duplicate (LCSD) for analytical batch 460-1045686 recovered outside control limits for the following analytes: 1,1,1-Trichloroethane, Carbon tetrachloride and Tetrachloroethene. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-1045338 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane and 1,1-Dichloroethene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8270E - Semivolatile Organic Compounds (GC/MS)
Samples RX_04(0-2) (460-328838-1), RX_04(4-6) (460-328838-2), RX_01(0-2) (460-328838-4) and RX_01(4-6) (460-328838-5) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared on 6/21/2025 and analyzed on 6/23/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1045389 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-1045291 and analytical batch 460-1045389 recovered outside control limits for the following analytes: Atrazine, Benzaldehyde and Caprolactam. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1045487 was outside the method criteria for the following

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

Method 8151A - Herbicides (GC)
Samples RX_04(0-2) (460-328838-1), RX_04(4-6) (460-328838-2), RX_01(0-2) (460-328838-4) and RX_01(4-6) (460-328838-5) were analyzed for Herbicides (GC). The samples were prepared on 6/20/2025 and analyzed on 6/23/2025.

Surrogate 2,4-Dichlorophenylacetic acid recovery for the following samples were outside control limits: RX_04(0-2) (460-328838-1), RX_04(4-6) (460-328838-2), RX_01(0-2) (460-328838-4) and RX_01(4-6) (460-328838-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 460-1044976 and analytical batch 460-1045492 recovered outside control limits for 2,4,5-T.
(LCSD 460-1044976/3-A)

The continuing calibration verification (CCV) associated with batch 460-1045492 recovered above the upper control limit for 2,4,5-T and Silvex (2,4,5-TP). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Samples RX_04(0-2) (460-328838-1), RX_04(4-6) (460-328838-2), RX_01(0-2) (460-328838-4) and RX_01(4-6) (460-328838-5) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 6/19/2025 and analyzed on 6/21/2025.

Method 8081B - Organochlorine Pesticides (GC)
Samples RX_04(0-2) (460-328838-1), RX_04(4-6) (460-328838-2), RX_01(0-2) (460-328838-4) and RX_01(4-6) (460-328838-5) were analyzed for Organochlorine Pesticides (GC). The samples were prepared on 6/19/2025 and analyzed on 6/20/2025.

Method 6020B - Metals (ICP/MS)
Samples RX_04(0-2) (460-328838-1), RX_04(4-6) (460-328838-2), RX_01(0-2) (460-328838-4) and RX_01(4-6) (460-328838-5) were analyzed for Metals (ICP/MS). The samples were prepared on 6/23/2025 and analyzed on 6/23/2025 and 6/25/2025.

Sample RX_04(0-2) (460-328838-1)[2x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample was diluted due to the nature of the sample matrix (high internal standard recovery): RX_04(0-2) (460-328838-1). Elevated reporting limits (RLs) are provided.

Method 7471B - Mercury (CVAA)
Samples RX_04(0-2) (460-328838-1), RX_04(4-6) (460-328838-2), RX_01(0-2) (460-328838-4) and RX_01(4-6) (460-328838-5) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 6/24/2025.

Method 7196A - Chromium, Hexavalent
Samples RX_04(0-2) (460-328838-1), RX_04(4-6) (460-328838-2), RX_01(0-2) (460-328838-4) and RX_01(4-6) (460-328838-5) were analyzed for Chromium, Hexavalent. The samples were prepared and analyzed on 6/24/2025 and 6/25/2025.

The matrix spike soluble/matrix spike insoluble (MSS/MSI) recoveries for batch 1045999, which is a re-prep of batch 1045734, were outside control limits due to sample matrix. The associated laboratory control sample (LCSS/LCSI) recoveries met acceptance criteria. Both sets of data have been reported.

Method 7196A - Chromium, Trivalent (Colorimetric)
Samples RX_04(0-2) (460-328838-1), RX_04(4-6) (460-328838-2), RX_01(0-2) (460-328838-4) and RX_01(4-6) (460-328838-5) were analyzed for Chromium, Trivalent (Colorimetric). The samples were analyzed on 6/23/2025.

Method 9012B - Cyanide, Total andor Amenable
Samples RX_04(0-2) (460-328838-1), RX_04(4-6) (460-328838-2), RX_01(0-2) (460-328838-4) and RX_01(4-6) (460-328838-5) were analyzed for Cyanide, Total andor Amenable. The samples were prepared and analyzed on 6/24/2025.

Method Moisture - Percent Moisture

Job ID: 460-328838-1 (Continued)

Samples RX_04(0-2) (460-328838-1), RX_04(4-6) (460-328838-2), RX_01(0-2) (460-328838-4) and RX_01(4-6) (460-328838-5) were analyzed for Percent Moisture. The samples were analyzed on 6/20/2025.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328838-1

Client Sample ID: RX_04(0-2)

Lab Sample ID: 460-328838-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.0020		0.0010	0.00025	mg/Kg	1	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.0024		0.0010	0.00033	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0024	J	0.0052	0.00038	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.017		0.0062	0.0059	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0016	J	0.0021	0.0012	mg/Kg	1	☼	8260D	Total/NA
sec-Butylbenzene	0.00044	J	0.0010	0.00030	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00040	J	0.0010	0.00024	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.00084	J	0.0021	0.00018	mg/Kg	1	☼	8260D	Total/NA
1,1'-Biphenyl	0.038	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.29	J	0.35	0.0097	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.15	J	0.35	0.0099	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.021	J	0.35	0.0099	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.18	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.34		0.035	0.026	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.35		0.035	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.46		0.035	0.0090	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.19	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.14		0.035	0.0068	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.042	J	0.35	0.018	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.038	J	0.35	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.38		0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.059		0.035	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.094	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.92		0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.16	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.19		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.12	J	0.35	0.0060	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.84		0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.85		0.35	0.0086	mg/Kg	1	☼	8270E	Total/NA
Aluminum	4590		18.5	5.1	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.33	J	0.92	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.4		0.92	0.095	mg/Kg	1	☼	6020B	Total/NA
Barium	39.4		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.22	J	0.37	0.020	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.22	J	0.92	0.10	mg/Kg	1	☼	6020B	Total/NA
Calcium	24500		185	18.0	mg/Kg	2	☼	6020B	Total/NA
Chromium	9.7		1.8	0.27	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.1		1.8	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	39.1		1.8	0.34	mg/Kg	1	☼	6020B	Total/NA
Iron	9270		111	14.1	mg/Kg	2	☼	6020B	Total/NA
Lead	41.2		0.55	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	7550		92.5	9.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	120		3.7	0.37	mg/Kg	1	☼	6020B	Total/NA
Nickel	9.6		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	746		92.5	15.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.30	J	2.3	0.24	mg/Kg	2	☼	6020B	Total/NA
Silver	0.89		0.37	0.082	mg/Kg	1	☼	6020B	Total/NA
Sodium	252		92.5	42.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.076	J	0.37	0.038	mg/Kg	1	☼	6020B	Total/NA
Vanadium	20.2		1.8	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	45.8		7.4	1.0	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: RX_04(0-2) (Continued)
Lab Sample ID: 460-328838-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.054		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA
Cr (III)	9.7		2.0	2.0	mg/Kg	1	☼	7196A	Total/NA

Client Sample ID: RX_04(4-6)
Lab Sample ID: 460-328838-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.00095	J	0.0012	0.00029	mg/Kg	1	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.00086	J	0.0012	0.00037	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0051	J	0.0058	0.00043	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.045		0.0070	0.0067	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0011	J	0.0012	0.00031	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.00042	J	0.0012	0.00033	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00080	J	0.0012	0.00049	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.00082	J	0.0012	0.00054	mg/Kg	1	☼	8260D	Total/NA
sec-Butylbenzene	0.00096	J	0.0012	0.00034	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00090	J	0.0012	0.00027	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.0016	J	0.0023	0.00020	mg/Kg	1	☼	8260D	Total/NA
1,1'-Biphenyl	0.030	J	0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.21	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.13	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.11	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.41		0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.49		0.036	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.38		0.036	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.63		0.036	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.24	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.21		0.036	0.0071	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.098	J	0.36	0.019	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.044	J	0.36	0.014	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.55		0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.070		0.036	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.16	J	0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	1.9		0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.21	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.26		0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.16	J	0.36	0.0062	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	1.6		0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	1.3		0.36	0.0090	mg/Kg	1	☼	8270E	Total/NA
Aluminum	4900		20.1	5.5	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.5		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	28.4		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.21	J	0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.12	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	15400		101	9.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	9.2		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.4		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	31.9		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	11700		60.4	7.7	mg/Kg	1	☼	6020B	Total/NA
Lead	33.6		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	8070		101	10.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	145		4.0	0.41	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX_04(4-6) (Continued)
Lab Sample ID: 460-328838-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	8.5		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	673		101	16.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.22	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Sodium	277		101	46.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.061	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	16.5		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	41.0		8.1	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.023		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA
Cr (III)	9.2		2.0	2.0	mg/Kg	1	☼	7196A	Total/NA

Client Sample ID: TRIP BLANK
Lab Sample ID: 460-328838-3

No Detections.

Client Sample ID: RX_01(0-2)
Lab Sample ID: 460-328838-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00069	J	0.00099	0.00059	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.028		0.0059	0.0057	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0012		0.00099	0.00026	mg/Kg	1	☼	8260D	Total/NA
Chloroethane	0.0013		0.00099	0.00052	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0013	J	0.0020	0.0011	mg/Kg	1	☼	8260D	Total/NA
1,1'-Biphenyl	0.028	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.13	J	0.35	0.0098	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.067	J	0.35	0.0099	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.027	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.16	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.40		0.035	0.026	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.50		0.035	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.65		0.035	0.0090	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.37		0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.22		0.035	0.0068	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.11	J	0.35	0.018	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.045	J	0.35	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.42		0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.095		0.035	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.065	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.93		0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.052	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.36		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.077	J	0.35	0.0060	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.40		0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.77		0.35	0.0087	mg/Kg	1	☼	8270E	Total/NA
Aluminum	4670		19.5	5.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.28	J	0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.0		0.98	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	31.1		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.24	J	0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.28	J	0.98	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	35700		97.7	9.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	18.6		2.0	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.3		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX_01(0-2) (Continued)
Lab Sample ID: 460-328838-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	31.6		2.0	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	14600		58.6	7.5	mg/Kg	1	☼	6020B	Total/NA
Lead	70.6		0.59	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	14800		97.7	10	mg/Kg	1	☼	6020B	Total/NA
Manganese	157		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.2		2.0	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	743		97.7	15.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.23	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Sodium	273		97.7	44.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.062	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	26.1		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	65.2		7.8	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.051		0.017	0.0081	mg/Kg	1	☼	7471B	Total/NA
Cr (III)	18.6		2.0	2.0	mg/Kg	1	☼	7196A	Total/NA

Client Sample ID: RX_01(4-6)
Lab Sample ID: 460-328838-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.0013		0.0011	0.00026	mg/Kg	1	☼	8260D	Total/NA
1,1-Dichloroethane	0.00074	J	0.0011	0.00066	mg/Kg	1	☼	8260D	Total/NA
1,2,4-Trimethylbenzene	0.15		0.0011	0.00027	mg/Kg	1	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.043		0.0011	0.00035	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0021	J	0.0055	0.00041	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.011		0.0067	0.0063	mg/Kg	1	☼	8260D	Total/NA
Chloroethane	0.027		0.0011	0.00058	mg/Kg	1	☼	8260D	Total/NA
cis-1,2-Dichloroethene	0.0011		0.0011	0.00040	mg/Kg	1	☼	8260D	Total/NA
Cyclohexane	0.00047	J	0.0011	0.00025	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.0091		0.0011	0.00052	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.0093		0.0011	0.00032	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.0056		0.0011	0.00055	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.019		0.0011	0.00047	mg/Kg	1	☼	8260D	Total/NA
n-Butylbenzene	0.025		0.0011	0.00033	mg/Kg	1	☼	8260D	Total/NA
N-Propylbenzene	0.016		0.0011	0.00050	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.023		0.0011	0.00051	mg/Kg	1	☼	8260D	Total/NA
sec-Butylbenzene	0.026		0.0011	0.00032	mg/Kg	1	☼	8260D	Total/NA
tert-Butylbenzene	0.0069		0.0011	0.00031	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.0055		0.0011	0.00034	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.0031		0.0011	0.00026	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.042		0.0022	0.00019	mg/Kg	1	☼	8260D	Total/NA
1,1'-Biphenyl	0.68		0.37	0.013	mg/Kg	1	☼	8270E	Total/NA
1,4-Dioxane	0.24		0.037	0.032	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	4.4		0.37	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.34	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.22	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.30	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.27		0.037	0.028	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.27		0.037	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.35		0.037	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.14	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.12		0.037	0.0073	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.74		0.37	0.020	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX_01(4-6) (Continued)

Lab Sample ID: 460-328838-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Butyl benzyl phthalate	1.7		0.37	0.017	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.051	J	0.37	0.014	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.35	J	0.37	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.049		0.037	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.50		0.37	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.78		0.37	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.73		0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.14		0.037	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	2.1		0.37	0.0064	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	1.4		0.37	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.87		0.37	0.0092	mg/Kg	1	☼	8270E	Total/NA
Aluminum	3650		20.9	5.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.2		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.4		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	34.3		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.24	J	0.42	0.023	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.17	J	1.0	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	36500		105	10.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	10.4		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.1		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	21.0		2.1	0.39	mg/Kg	1	☼	6020B	Total/NA
Iron	11200		62.8	8.0	mg/Kg	1	☼	6020B	Total/NA
Lead	28.2		0.63	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	16000		105	10.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	140		4.2	0.42	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.5		2.1	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	650		105	17.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.27	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Sodium	253		105	47.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.42	0.043	mg/Kg	1	☼	6020B	Total/NA
Vanadium	33.4		2.1	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	43.8		8.4	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.099		0.018	0.0087	mg/Kg	1	☼	7471B	Total/NA
Cr (III)	10.4		2.0	2.0	mg/Kg	1	☼	7196A	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328838-1

Client Sample ID: RX_04(0-2)
Date Collected: 06/18/25 09:50
Date Received: 06/18/25 19:10

Lab Sample ID: 460-328838-1
Matrix: Solid
Percent Solids: 94.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
1,2,4-Trimethylbenzene	**0.0020**		0.0010	0.00025	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
1,3,5-Trimethylbenzene	**0.0024**		0.0010	0.00033	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
2-Butanone (MEK)	**0.0024**	**J**	0.0052	0.00038	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Acetone	**0.017**		0.0062	0.0059	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Methylene Chloride	**0.0016**	**J**	0.0021	0.0012	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
sec-Butylbenzene	**0.00044**	**J**	0.0010	0.00030	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1

Client Sample ID: RX_04(0-2)
Lab Sample ID: 460-328838-1
Date Collected: 06/18/25 09:50
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 94.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Toluene	**0.00040**	**J**	0.0010	0.00024	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1
Xylenes, Total	**0.00084**	**J**	0.0021	0.00018	mg/Kg	☼	06/20/25 07:26	06/22/25 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*06/20/25 07:26*	*06/22/25 12:29*	*1*
4-Bromofluorobenzene	*88*		*71 - 128*	*06/20/25 07:26*	*06/22/25 12:29*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 150*	*06/20/25 07:26*	*06/22/25 12:29*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*06/20/25 07:26*	*06/22/25 12:29*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**0.038**	**J**	0.35	0.012	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.023	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.035	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
2,4-Dimethylphenol	0.35	U	0.35	0.041	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
2-Methylnaphthalene	**0.29**	**J**	0.35	0.0097	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
2-Nitroaniline	0.35	U	0.35	0.026	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
3-Nitroaniline	0.35	U	0.35	0.082	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.019	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
4-Nitroaniline	0.35	U	0.35	0.088	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
4-Nitrophenol	0.70	U	0.70	0.057	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Acenaphthene	**0.15**	**J**	0.35	0.0099	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Acenaphthylene	**0.021**	**J**	0.35	0.0099	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328838-1

Client Sample ID: RX_04(0-2)
Date Collected: 06/18/25 09:50
Date Received: 06/18/25 19:10

Lab Sample ID: 460-328838-1
Matrix: Solid
Percent Solids: 94.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**0.18**	**J**	0.35	0.011	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Atrazine	0.14	U *	0.14	0.020	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Benzaldehyde	0.35	U *	0.35	0.057	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Benzo[a]anthracene	**0.34**		0.035	0.026	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Benzo[a]pyrene	**0.35**		0.035	0.0092	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Benzo[b]fluoranthene	**0.46**		0.035	0.0090	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Benzo[g,h,i]perylene	**0.19**	**J**	0.35	0.010	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Benzo[k]fluoranthene	**0.14**		0.035	0.0068	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Bis(2-ethylhexyl) phthalate	**0.042**	**J**	0.35	0.018	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Caprolactam	0.35	U *	0.35	0.054	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Carbazole	**0.038**	**J**	0.35	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Chrysene	**0.38**		0.35	0.015	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Dibenz(a,h)anthracene	**0.059**		0.035	0.015	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Dibenzofuran	**0.094**	**J**	0.35	0.012	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Fluoranthene	**0.92**		0.35	0.012	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Fluorene	**0.16**	**J**	0.35	0.010	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Hexachlorobenzene	0.035	U	0.035	0.016	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Hexachlorobutadiene	0.070	U	0.070	0.0074	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.030	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Indeno[1,2,3-cd]pyrene	**0.19**		0.035	0.014	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Naphthalene	**0.12**	**J**	0.35	0.0060	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Phenanthrene	**0.84**		0.35	0.014	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1
Pyrene	**0.85**		0.35	0.0086	mg/Kg	☼	06/21/25 11:49	06/23/25 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*18 - 137*	*06/21/25 11:49*	*06/23/25 13:06*	*1*
2-Fluorobiphenyl	*67*		*33 - 117*	*06/21/25 11:49*	*06/23/25 13:06*	*1*
2-Fluorophenol (Surr)	*65*		*24 - 120*	*06/21/25 11:49*	*06/23/25 13:06*	*1*
Nitrobenzene-d5 (Surr)	*58*		*27 - 120*	*06/21/25 11:49*	*06/23/25 13:06*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*06/21/25 11:49*	*06/23/25 13:06*	*1*
Terphenyl-d14 (Surr)	*57*		*33 - 124*	*06/21/25 11:49*	*06/23/25 13:06*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	06/19/25 18:22	06/20/25 13:51	1
4,4'-DDE	0.0071	U	0.0071	0.00083	mg/Kg	☼	06/19/25 18:22	06/20/25 13:51	1

Client Sample ID: RX_04(0-2)
Lab Sample ID: 460-328838-1
Date Collected: 06/18/25 09:50
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 94.9

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	06/19/25 18:22	06/20/25 13:51	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	06/19/25 18:22	06/20/25 13:51	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	06/19/25 18:22	06/20/25 13:51	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	06/19/25 18:22	06/20/25 13:51	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	06/19/25 18:22	06/20/25 13:51	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	06/19/25 18:22	06/20/25 13:51	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	06/19/25 18:22	06/20/25 13:51	1
Dieldrin	0.0021	U	0.0021	0.00092	mg/Kg	☼	06/19/25 18:22	06/20/25 13:51	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	06/19/25 18:22	06/20/25 13:51	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	06/19/25 18:22	06/20/25 13:51	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	06/19/25 18:22	06/20/25 13:51	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	06/19/25 18:22	06/20/25 13:51	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	06/19/25 18:22	06/20/25 13:51	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	06/19/25 18:22	06/20/25 13:51	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	06/19/25 18:22	06/20/25 13:51	1
Heptachlor	0.0071	U	0.0071	0.00083	mg/Kg	☼	06/19/25 18:22	06/20/25 13:51	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	06/19/25 18:22	06/20/25 13:51	1
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	06/19/25 18:22	06/20/25 13:51	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	06/19/25 18:22	06/20/25 13:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*117*		*10 - 150*	*06/19/25 18:22*	*06/20/25 13:51*	*1*
DCB Decachlorobiphenyl	*130*		*10 - 150*	*06/19/25 18:22*	*06/20/25 13:51*	*1*
Tetrachloro-m-xylene	*105*		*14 - 150*	*06/19/25 18:22*	*06/20/25 13:51*	*1*
Tetrachloro-m-xylene	*106*		*14 - 150*	*06/19/25 18:22*	*06/20/25 13:51*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	06/19/25 18:13	06/21/25 02:59	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	06/19/25 18:13	06/21/25 02:59	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	06/19/25 18:13	06/21/25 02:59	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	06/19/25 18:13	06/21/25 02:59	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	06/19/25 18:13	06/21/25 02:59	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	06/19/25 18:13	06/21/25 02:59	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	06/19/25 18:13	06/21/25 02:59	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	06/19/25 18:13	06/21/25 02:59	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	06/19/25 18:13	06/21/25 02:59	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	06/19/25 18:13	06/21/25 02:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*131*		*10 - 150*	*06/19/25 18:13*	*06/21/25 02:59*	*1*
DCB Decachlorobiphenyl	*141*		*10 - 150*	*06/19/25 18:13*	*06/21/25 02:59*	*1*
Tetrachloro-m-xylene	*107*		*10 - 150*	*06/19/25 18:13*	*06/21/25 02:59*	*1*
Tetrachloro-m-xylene	*118*		*10 - 150*	*06/19/25 18:13*	*06/21/25 02:59*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.035	U	0.035	0.0075	mg/Kg	☼	06/20/25 06:37	06/23/25 19:17	1
2,4-D	0.035	U	0.035	0.013	mg/Kg	☼	06/20/25 06:37	06/23/25 19:17	1
Silvex (2,4,5-TP)	0.035	U	0.035	0.0037	mg/Kg	☼	06/20/25 06:37	06/23/25 19:17	1

Client Sample ID: RX_04(0-2)

Lab Sample ID: 460-328838-1

Date Collected: 06/18/25 09:50
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 94.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	366	*	38 - 150	06/20/25 06:37	06/23/25 19:17	1
2,4-Dichlorophenylacetic acid	123		38 - 150	06/20/25 06:37	06/23/25 19:17	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4590		18.5	5.1	mg/Kg	☼	06/23/25 06:53	06/23/25 16:13	1
Antimony	0.33	J	0.92	0.14	mg/Kg	☼	06/23/25 06:53	06/23/25 16:13	1
Arsenic	4.4		0.92	0.095	mg/Kg	☼	06/23/25 06:53	06/23/25 16:13	1
Barium	39.4		1.8	0.13	mg/Kg	☼	06/23/25 06:53	06/23/25 16:13	1
Beryllium	0.22	J	0.37	0.020	mg/Kg	☼	06/23/25 06:53	06/23/25 16:13	1
Cadmium	0.22	J	0.92	0.10	mg/Kg	☼	06/23/25 06:53	06/23/25 16:13	1
Calcium	24500		185	18.0	mg/Kg	☼	06/23/25 06:53	06/25/25 14:01	2
Chromium	9.7		1.8	0.27	mg/Kg	☼	06/23/25 06:53	06/23/25 16:13	1
Cobalt	4.1		1.8	0.14	mg/Kg	☼	06/23/25 06:53	06/23/25 16:13	1
Copper	39.1		1.8	0.34	mg/Kg	☼	06/23/25 06:53	06/23/25 16:13	1
Iron	9270		111	14.1	mg/Kg	☼	06/23/25 06:53	06/25/25 14:01	2
Lead	41.2		0.55	0.18	mg/Kg	☼	06/23/25 06:53	06/23/25 16:13	1
Magnesium	7550		92.5	9.4	mg/Kg	☼	06/23/25 06:53	06/23/25 16:13	1
Manganese	120		3.7	0.37	mg/Kg	☼	06/23/25 06:53	06/23/25 16:13	1
Nickel	9.6		1.8	0.16	mg/Kg	☼	06/23/25 06:53	06/23/25 16:13	1
Potassium	746		92.5	15.0	mg/Kg	☼	06/23/25 06:53	06/23/25 16:13	1
Selenium	0.30	J	2.3	0.24	mg/Kg	☼	06/23/25 06:53	06/25/25 14:01	2
Silver	0.89		0.37	0.082	mg/Kg	☼	06/23/25 06:53	06/23/25 16:13	1
Sodium	252		92.5	42.3	mg/Kg	☼	06/23/25 06:53	06/23/25 16:13	1
Thallium	0.076	J	0.37	0.038	mg/Kg	☼	06/23/25 06:53	06/23/25 16:13	1
Vanadium	20.2		1.8	0.19	mg/Kg	☼	06/23/25 06:53	06/23/25 16:13	1
Zinc	45.8		7.4	1.0	mg/Kg	☼	06/23/25 06:53	06/23/25 16:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.054		0.018	0.0083	mg/Kg	☼	06/24/25 06:15	06/24/25 12:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	9.7		2.0	2.0	mg/Kg	☼		06/23/25 20:15	1
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.88	mg/Kg	☼	06/24/25 08:40	06/24/25 16:05	1
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.88	mg/Kg	☼	06/25/25 09:40	06/25/25 10:51	1
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	06/24/25 11:09	06/24/25 16:57	1
Percent Moisture (EPA Moisture)	5.1		1.0	1.0	%			06/20/25 08:32	1
Percent Solids (EPA Moisture)	94.9		1.0	1.0	%			06/20/25 08:32	1

Client Sample ID: RX_04(4-6)

Lab Sample ID: 460-328838-2

Date Collected: 06/18/25 10:00
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 91.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328838-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX_04(4-6)
Lab Sample ID: 460-328838-2
Date Collected: 06/18/25 10:00
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 91.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
1,2,4-Trimethylbenzene	**0.00095**	**J**	0.0012	0.00029	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
1,3,5-Trimethylbenzene	**0.00086**	**J**	0.0012	0.00037	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
2-Butanone (MEK)	**0.0051**	**J**	0.0058	0.00043	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Acetone	**0.045**		0.0070	0.0067	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Carbon disulfide	**0.0011**	**J**	0.0012	0.00031	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Chlorobromomethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Chlorodibromomethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Isopropylbenzene	**0.00042**	**J**	0.0012	0.00033	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
m-Xylene & p-Xylene	**0.00080**	**J**	0.0012	0.00049	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
n-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
N-Propylbenzene	0.0012	U	0.0012	0.00052	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
o-Xylene	**0.00082**	**J**	0.0012	0.00054	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
sec-Butylbenzene	**0.00096**	**J**	0.0012	0.00034	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
tert-Butylbenzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Toluene	**0.00090**	**J**	0.0012	0.00027	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1

Client Sample ID: RX_04(4-6)
Lab Sample ID: 460-328838-2
Date Collected: 06/18/25 10:00
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 91.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1
Xylenes, Total	**0.0016**	**J**	0.0023	0.00020	mg/Kg	☼	06/20/25 07:27	06/22/25 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*06/20/25 07:27*	*06/22/25 12:53*	*1*
4-Bromofluorobenzene	*85*		*71 - 128*	*06/20/25 07:27*	*06/22/25 12:53*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*06/20/25 07:27*	*06/22/25 12:53*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*06/20/25 07:27*	*06/22/25 12:53*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**0.030**	**J**	0.36	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
2-Methylnaphthalene	**0.21**	**J**	0.36	0.010	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Acenaphthene	**0.13**	**J**	0.36	0.010	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Acenaphthylene	**0.11**	**J**	0.36	0.010	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Anthracene	**0.41**		0.36	0.011	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Benzaldehyde	0.36	U *	0.36	0.060	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Benzo[a]anthracene	**0.49**		0.036	0.027	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328838-1

Client Sample ID: RX_04(4-6)
Date Collected: 06/18/25 10:00
Date Received: 06/18/25 19:10

Lab Sample ID: 460-328838-2
Matrix: Solid
Percent Solids: 91.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**0.38**		0.036	0.0096	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Benzo[b]fluoranthene	**0.63**		0.036	0.0093	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Benzo[g,h,i]perylene	**0.24**	**J**	0.36	0.011	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Benzo[k]fluoranthene	**0.21**		0.036	0.0071	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Bis(2-ethylhexyl) phthalate	**0.098**	**J**	0.36	0.019	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Caprolactam	0.36	U *	0.36	0.056	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Carbazole	**0.044**	**J**	0.36	0.014	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Chrysene	**0.55**		0.36	0.015	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Dibenz(a,h)anthracene	**0.070**		0.036	0.016	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Dibenzofuran	**0.16**	**J**	0.36	0.012	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Fluoranthene	**1.9**		0.36	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Fluorene	**0.21**	**J**	0.36	0.011	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Indeno[1,2,3-cd]pyrene	**0.26**		0.036	0.014	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Naphthalene	**0.16**	**J**	0.36	0.0062	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Phenanthrene	**1.6**		0.36	0.015	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1
Pyrene	**1.3**		0.36	0.0090	mg/Kg	☼	06/21/25 11:49	06/23/25 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*18 - 137*	*06/21/25 11:49*	*06/23/25 13:30*	*1*
2-Fluorobiphenyl	*71*		*33 - 117*	*06/21/25 11:49*	*06/23/25 13:30*	*1*
2-Fluorophenol (Surr)	*65*		*24 - 120*	*06/21/25 11:49*	*06/23/25 13:30*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*06/21/25 11:49*	*06/23/25 13:30*	*1*
Phenol-d5 (Surr)	*65*		*28 - 118*	*06/21/25 11:49*	*06/23/25 13:30*	*1*
Terphenyl-d14 (Surr)	*63*		*33 - 124*	*06/21/25 11:49*	*06/23/25 13:30*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0013	mg/Kg	☼	06/19/25 18:22	06/20/25 14:04	1
4,4'-DDE	0.0073	U	0.0073	0.00087	mg/Kg	☼	06/19/25 18:22	06/20/25 14:04	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	06/19/25 18:22	06/20/25 14:04	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	06/19/25 18:22	06/20/25 14:04	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	06/19/25 18:22	06/20/25 14:04	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	06/19/25 18:22	06/20/25 14:04	1

Client Sample ID: RX_04(4-6)
Lab Sample ID: 460-328838-2
Date Collected: 06/18/25 10:00
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 91.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	06/19/25 18:22	06/20/25 14:04	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	06/19/25 18:22	06/20/25 14:04	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	06/19/25 18:22	06/20/25 14:04	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	06/19/25 18:22	06/20/25 14:04	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	06/19/25 18:22	06/20/25 14:04	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	06/19/25 18:22	06/20/25 14:04	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	06/19/25 18:22	06/20/25 14:04	1
Endrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	06/19/25 18:22	06/20/25 14:04	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	06/19/25 18:22	06/20/25 14:04	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	06/19/25 18:22	06/20/25 14:04	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	06/19/25 18:22	06/20/25 14:04	1
Heptachlor	0.0073	U	0.0073	0.00087	mg/Kg	☼	06/19/25 18:22	06/20/25 14:04	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	06/19/25 18:22	06/20/25 14:04	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	06/19/25 18:22	06/20/25 14:04	1
Toxaphene	0.073	U	0.073	0.027	mg/Kg	☼	06/19/25 18:22	06/20/25 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*134*		*10 - 150*	*06/19/25 18:22*	*06/20/25 14:04*	*1*
DCB Decachlorobiphenyl	*147*		*10 - 150*	*06/19/25 18:22*	*06/20/25 14:04*	*1*
Tetrachloro-m-xylene	*115*		*14 - 150*	*06/19/25 18:22*	*06/20/25 14:04*	*1*
Tetrachloro-m-xylene	*116*		*14 - 150*	*06/19/25 18:22*	*06/20/25 14:04*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.020	mg/Kg	☼	06/19/25 18:13	06/21/25 03:15	1
Aroclor 1221	0.073	U	0.073	0.020	mg/Kg	☼	06/19/25 18:13	06/21/25 03:15	1
Aroclor 1232	0.073	U	0.073	0.020	mg/Kg	☼	06/19/25 18:13	06/21/25 03:15	1
Aroclor 1242	0.073	U	0.073	0.020	mg/Kg	☼	06/19/25 18:13	06/21/25 03:15	1
Aroclor 1248	0.073	U	0.073	0.020	mg/Kg	☼	06/19/25 18:13	06/21/25 03:15	1
Aroclor 1254	0.073	U	0.073	0.020	mg/Kg	☼	06/19/25 18:13	06/21/25 03:15	1
Aroclor 1260	0.073	U	0.073	0.020	mg/Kg	☼	06/19/25 18:13	06/21/25 03:15	1
Aroclor-1262	0.073	U	0.073	0.020	mg/Kg	☼	06/19/25 18:13	06/21/25 03:15	1
Aroclor 1268	0.073	U	0.073	0.020	mg/Kg	☼	06/19/25 18:13	06/21/25 03:15	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.020	mg/Kg	☼	06/19/25 18:13	06/21/25 03:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*132*		*10 - 150*	*06/19/25 18:13*	*06/21/25 03:15*	*1*
DCB Decachlorobiphenyl	*142*		*10 - 150*	*06/19/25 18:13*	*06/21/25 03:15*	*1*
Tetrachloro-m-xylene	*107*		*10 - 150*	*06/19/25 18:13*	*06/21/25 03:15*	*1*
Tetrachloro-m-xylene	*117*		*10 - 150*	*06/19/25 18:13*	*06/21/25 03:15*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0078	mg/Kg	☼	06/20/25 06:37	06/23/25 19:35	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	06/20/25 06:37	06/23/25 19:35	1
Silvex (2,4,5-TP)	0.036	U	0.036	0.0038	mg/Kg	☼	06/20/25 06:37	06/23/25 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*983*	*	*38 - 150*	*06/20/25 06:37*	*06/23/25 19:35*	*1*
2,4-Dichlorophenylacetic acid	*175*	*	*38 - 150*	*06/20/25 06:37*	*06/23/25 19:35*	*1*

Client Sample ID: RX_04(4-6)

Lab Sample ID: 460-328838-2

Date Collected: 06/18/25 10:00
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 91.2

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4900**		20.1	5.5	mg/Kg	☼	06/23/25 06:53	06/23/25 16:15	1
Antimony	1.0	U	1.0	0.15	mg/Kg	☼	06/23/25 06:53	06/23/25 16:15	1
Arsenic	**2.5**		1.0	0.10	mg/Kg	☼	06/23/25 06:53	06/23/25 16:15	1
Barium	**28.4**		2.0	0.15	mg/Kg	☼	06/23/25 06:53	06/23/25 16:15	1
Beryllium	**0.21**	**J**	0.40	0.022	mg/Kg	☼	06/23/25 06:53	06/23/25 16:15	1
Cadmium	**0.12**	**J**	1.0	0.11	mg/Kg	☼	06/23/25 06:53	06/23/25 16:15	1
Calcium	**15400**		101	9.8	mg/Kg	☼	06/23/25 06:53	06/23/25 16:15	1
Chromium	**9.2**		2.0	0.30	mg/Kg	☼	06/23/25 06:53	06/23/25 16:15	1
Cobalt	**4.4**		2.0	0.15	mg/Kg	☼	06/23/25 06:53	06/23/25 16:15	1
Copper	**31.9**		2.0	0.37	mg/Kg	☼	06/23/25 06:53	06/23/25 16:15	1
Iron	**11700**		60.4	7.7	mg/Kg	☼	06/23/25 06:53	06/23/25 16:15	1
Lead	**33.6**		0.60	0.20	mg/Kg	☼	06/23/25 06:53	06/23/25 16:15	1
Magnesium	**8070**		101	10.3	mg/Kg	☼	06/23/25 06:53	06/23/25 16:15	1
Manganese	**145**		4.0	0.41	mg/Kg	☼	06/23/25 06:53	06/23/25 16:15	1
Nickel	**8.5**		2.0	0.18	mg/Kg	☼	06/23/25 06:53	06/23/25 16:15	1
Potassium	**673**		101	16.3	mg/Kg	☼	06/23/25 06:53	06/23/25 16:15	1
Selenium	**0.22**	**J**	1.3	0.13	mg/Kg	☼	06/23/25 06:53	06/23/25 16:15	1
Silver	0.40	U	0.40	0.090	mg/Kg	☼	06/23/25 06:53	06/23/25 16:15	1
Sodium	**277**		101	46.0	mg/Kg	☼	06/23/25 06:53	06/23/25 16:15	1
Thallium	**0.061**	**J**	0.40	0.041	mg/Kg	☼	06/23/25 06:53	06/23/25 16:15	1
Vanadium	**16.5**		2.0	0.21	mg/Kg	☼	06/23/25 06:53	06/23/25 16:15	1
Zinc	**41.0**		8.1	1.1	mg/Kg	☼	06/23/25 06:53	06/23/25 16:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.023**		0.018	0.0084	mg/Kg	☼	06/24/25 06:15	06/24/25 12:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	**9.2**		2.0	2.0	mg/Kg	☼		06/23/25 20:15	1
Cr (VI) (SW846 7196A)	2.2	U	2.2	0.91	mg/Kg	☼	06/24/25 08:40	06/24/25 16:05	1
Cr (VI) (SW846 7196A)	2.2	U	2.2	0.91	mg/Kg	☼	06/25/25 09:40	06/25/25 10:51	1
Cyanide, Total (SW846 9012B)	0.25	U	0.25	0.14	mg/Kg	☼	06/24/25 11:09	06/24/25 16:58	1
Percent Moisture (EPA Moisture)	**8.8**		1.0	1.0	%			06/20/25 08:32	1
Percent Solids (EPA Moisture)	**91.2**		1.0	1.0	%			06/20/25 08:32	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 460-328838-3

Date Collected: 06/18/25 14:10
Matrix: Water
Date Received: 06/18/25 19:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U *	1.0	0.24	ug/L			06/24/25 15:54	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			06/24/25 15:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			06/24/25 15:54	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			06/24/25 15:54	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			06/24/25 15:54	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/24/25 15:54	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			06/24/25 15:54	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			06/24/25 15:54	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328838-1

Client Sample ID: TRIP BLANK
Date Collected: 06/18/25 14:10
Date Received: 06/18/25 19:10

Lab Sample ID: 460-328838-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			06/24/25 15:54	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			06/24/25 15:54	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			06/24/25 15:54	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			06/24/25 15:54	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			06/24/25 15:54	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			06/24/25 15:54	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			06/24/25 15:54	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			06/24/25 15:54	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			06/24/25 15:54	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			06/24/25 15:54	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			06/24/25 15:54	1
Acetone	5.0	U	5.0	4.4	ug/L			06/24/25 15:54	1
Benzene	0.45	U	0.45	0.070	ug/L			06/24/25 15:54	1
Bromoform	1.0	U	1.0	0.54	ug/L			06/24/25 15:54	1
Bromomethane	1.0	U	1.0	0.55	ug/L			06/24/25 15:54	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			06/24/25 15:54	1
Carbon tetrachloride	1.0	U *	1.0	0.21	ug/L			06/24/25 15:54	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			06/24/25 15:54	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			06/24/25 15:54	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			06/24/25 15:54	1
Chloroethane	1.0	U	1.0	0.32	ug/L			06/24/25 15:54	1
Chloroform	1.0	U	1.0	0.33	ug/L			06/24/25 15:54	1
Chloromethane	1.0	U	1.0	0.40	ug/L			06/24/25 15:54	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			06/24/25 15:54	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			06/24/25 15:54	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			06/24/25 15:54	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			06/24/25 15:54	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/24/25 15:54	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			06/24/25 15:54	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			06/24/25 15:54	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			06/24/25 15:54	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			06/24/25 15:54	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			06/24/25 15:54	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			06/24/25 15:54	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			06/24/25 15:54	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			06/24/25 15:54	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			06/24/25 15:54	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			06/24/25 15:54	1
o-Xylene	1.0	U	1.0	0.36	ug/L			06/24/25 15:54	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			06/24/25 15:54	1
Styrene	1.0	U	1.0	0.42	ug/L			06/24/25 15:54	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			06/24/25 15:54	1
Tetrachloroethene	0.40	U *	0.40	0.28	ug/L			06/24/25 15:54	1
Toluene	1.0	U	1.0	0.38	ug/L			06/24/25 15:54	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/24/25 15:54	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			06/24/25 15:54	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			06/24/25 15:54	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			06/24/25 15:54	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			06/24/25 15:54	1

Client Sample ID: TRIP BLANK
Lab Sample ID: 460-328838-3

Date Collected: 06/18/25 14:10
Matrix: Water

Date Received: 06/18/25 19:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	0.65	ug/L			06/24/25 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*		*06/24/25 15:54*	*1*
4-Bromofluorobenzene	*109*		*76 - 120*		*06/24/25 15:54*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 132*		*06/24/25 15:54*	*1*
Toluene-d8 (Surr)	*80*		*80 - 120*		*06/24/25 15:54*	*1*

Client Sample ID: RX_01(0-2)
Lab Sample ID: 460-328838-4

Date Collected: 06/18/25 14:00
Matrix: Solid

Date Received: 06/18/25 19:10
Percent Solids: 93.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
1,1-Dichloroethane	**0.00069**	**J**	0.00099	0.00059	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00035	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00046	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00051	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Acetone	**0.028**		0.0059	0.0057	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Bromomethane	0.0020	U	0.0020	0.00099	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Carbon disulfide	**0.0012**		0.00099	0.00026	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Chloroethane	**0.0013**		0.00099	0.00052	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00035	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Dichlorobromomethane	0.00099	U	0.00099	0.00025	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Dichlorodifluoromethane	0.00099	U	0.00099	0.00033	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1

Client Sample ID: RX_01(0-2)
Lab Sample ID: 460-328838-4
Date Collected: 06/18/25 14:00
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 93.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.00099	U	0.00099	0.00046	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Methyl acetate	0.0049	U	0.0049	0.0043	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Methylcyclohexane	0.00099	U	0.00099	0.00049	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Methylene Chloride	**0.0013**	**J**	0.0020	0.0011	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
n-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
N-Propylbenzene	0.00099	U	0.00099	0.00044	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
o-Xylene	0.00099	U	0.00099	0.00046	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
sec-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Styrene	0.00099	U	0.00099	0.00028	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
tert-Butylbenzene	0.00099	U	0.00099	0.00027	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	06/20/25 10:17	06/22/25 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*	*06/20/25 10:17*	*06/22/25 13:17*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*06/20/25 10:17*	*06/22/25 13:17*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*	*06/20/25 10:17*	*06/22/25 13:17*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*06/20/25 10:17*	*06/22/25 13:17*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**0.028**	**J**	0.35	0.012	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
2-Methylnaphthalene	**0.13**	**J**	0.35	0.0098	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
3 & 4 Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328838-1

Client Sample ID: RX_01(0-2)
Date Collected: 06/18/25 14:00
Date Received: 06/18/25 19:10

Lab Sample ID: 460-328838-4
Matrix: Solid
Percent Solids: 93.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Acenaphthene	**0.067**	**J**	0.35	0.0099	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Acenaphthylene	**0.027**	**J**	0.35	0.010	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Anthracene	**0.16**	**J**	0.35	0.011	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Benzaldehyde	0.35	U *	0.35	0.058	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Benzo[a]anthracene	**0.40**		0.035	0.026	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Benzo[a]pyrene	**0.50**		0.035	0.0093	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Benzo[b]fluoranthene	**0.65**		0.035	0.0090	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Benzo[g,h,i]perylene	**0.37**		0.35	0.010	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Benzo[k]fluoranthene	**0.22**		0.035	0.0068	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.064	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Bis(2-ethylhexyl) phthalate	**0.11**	**J**	0.35	0.018	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Caprolactam	0.35	U *	0.35	0.054	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Carbazole	**0.045**	**J**	0.35	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Chrysene	**0.42**		0.35	0.015	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Dibenz(a,h)anthracene	**0.095**		0.035	0.015	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Dibenzofuran	**0.065**	**J**	0.35	0.012	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Fluoranthene	**0.93**		0.35	0.012	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Fluorene	**0.052**	**J**	0.35	0.010	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Hexachlorobutadiene	0.071	U	0.071	0.0074	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Indeno[1,2,3-cd]pyrene	**0.36**		0.035	0.014	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Naphthalene	**0.077**	**J**	0.35	0.0060	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Phenanthrene	**0.40**		0.35	0.014	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1

Client Sample ID: RX_01(0-2)
Lab Sample ID: 460-328838-4
Date Collected: 06/18/25 14:00
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 93.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	0.77		0.35	0.0087	mg/Kg	☼	06/21/25 11:49	06/23/25 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*61*		*18 - 137*	*06/21/25 11:49*	*06/23/25 14:17*	*1*
2-Fluorobiphenyl	*66*		*33 - 117*	*06/21/25 11:49*	*06/23/25 14:17*	*1*
2-Fluorophenol (Surr)	*65*		*24 - 120*	*06/21/25 11:49*	*06/23/25 14:17*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*06/21/25 11:49*	*06/23/25 14:17*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*06/21/25 11:49*	*06/23/25 14:17*	*1*
Terphenyl-d14 (Surr)	*56*		*33 - 124*	*06/21/25 11:49*	*06/23/25 14:17*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	06/19/25 18:22	06/20/25 14:17	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	06/19/25 18:22	06/20/25 14:17	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	06/19/25 18:22	06/20/25 14:17	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	06/19/25 18:22	06/20/25 14:17	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	06/19/25 18:22	06/20/25 14:17	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	06/19/25 18:22	06/20/25 14:17	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	06/19/25 18:22	06/20/25 14:17	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	06/19/25 18:22	06/20/25 14:17	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	06/19/25 18:22	06/20/25 14:17	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	06/19/25 18:22	06/20/25 14:17	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	06/19/25 18:22	06/20/25 14:17	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	06/19/25 18:22	06/20/25 14:17	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	06/19/25 18:22	06/20/25 14:17	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	06/19/25 18:22	06/20/25 14:17	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	06/19/25 18:22	06/20/25 14:17	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	06/19/25 18:22	06/20/25 14:17	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	06/19/25 18:22	06/20/25 14:17	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	06/19/25 18:22	06/20/25 14:17	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	06/19/25 18:22	06/20/25 14:17	1
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	06/19/25 18:22	06/20/25 14:17	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	06/19/25 18:22	06/20/25 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*06/19/25 18:22*	*06/20/25 14:17*	*1*
DCB Decachlorobiphenyl	*128*		*10 - 150*	*06/19/25 18:22*	*06/20/25 14:17*	*1*
Tetrachloro-m-xylene	*100*		*14 - 150*	*06/19/25 18:22*	*06/20/25 14:17*	*1*
Tetrachloro-m-xylene	*104*		*14 - 150*	*06/19/25 18:22*	*06/20/25 14:17*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	06/19/25 18:13	06/21/25 03:32	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	06/19/25 18:13	06/21/25 03:32	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	06/19/25 18:13	06/21/25 03:32	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	06/19/25 18:13	06/21/25 03:32	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	06/19/25 18:13	06/21/25 03:32	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	06/19/25 18:13	06/21/25 03:32	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	06/19/25 18:13	06/21/25 03:32	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	06/19/25 18:13	06/21/25 03:32	1

Client Sample ID: RX_01(0-2)
Lab Sample ID: 460-328838-4
Date Collected: 06/18/25 14:00
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 93.9

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	06/19/25 18:13	06/21/25 03:32	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	06/19/25 18:13	06/21/25 03:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*129*		*10 - 150*	*06/19/25 18:13*	*06/21/25 03:32*	*1*
DCB Decachlorobiphenyl	*137*		*10 - 150*	*06/19/25 18:13*	*06/21/25 03:32*	*1*
Tetrachloro-m-xylene	*102*		*10 - 150*	*06/19/25 18:13*	*06/21/25 03:32*	*1*
Tetrachloro-m-xylene	*112*		*10 - 150*	*06/19/25 18:13*	*06/21/25 03:32*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.035	U	0.035	0.0075	mg/Kg	☼	06/20/25 06:37	06/23/25 19:54	1
2,4-D	0.035	U	0.035	0.013	mg/Kg	☼	06/20/25 06:37	06/23/25 19:54	1
Silvex (2,4,5-TP)	0.035	U	0.035	0.0037	mg/Kg	☼	06/20/25 06:37	06/23/25 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*3002*	*	*38 - 150*	*06/20/25 06:37*	*06/23/25 19:54*	*1*
2,4-Dichlorophenylacetic acid	*535*	*	*38 - 150*	*06/20/25 06:37*	*06/23/25 19:54*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4670**		19.5	5.4	mg/Kg	☼	06/23/25 06:53	06/23/25 16:18	1
Antimony	**0.28**	**J**	0.98	0.14	mg/Kg	☼	06/23/25 06:53	06/23/25 16:18	1
Arsenic	**4.0**		0.98	0.10	mg/Kg	☼	06/23/25 06:53	06/23/25 16:18	1
Barium	**31.1**		2.0	0.14	mg/Kg	☼	06/23/25 06:53	06/23/25 16:18	1
Beryllium	**0.24**	**J**	0.39	0.021	mg/Kg	☼	06/23/25 06:53	06/23/25 16:18	1
Cadmium	**0.28**	**J**	0.98	0.11	mg/Kg	☼	06/23/25 06:53	06/23/25 16:18	1
Calcium	**35700**		97.7	9.5	mg/Kg	☼	06/23/25 06:53	06/23/25 16:18	1
Chromium	**18.6**		2.0	0.29	mg/Kg	☼	06/23/25 06:53	06/23/25 16:18	1
Cobalt	**4.3**		2.0	0.14	mg/Kg	☼	06/23/25 06:53	06/23/25 16:18	1
Copper	**31.6**		2.0	0.36	mg/Kg	☼	06/23/25 06:53	06/23/25 16:18	1
Iron	**14600**		58.6	7.5	mg/Kg	☼	06/23/25 06:53	06/23/25 16:18	1
Lead	**70.6**		0.59	0.20	mg/Kg	☼	06/23/25 06:53	06/23/25 16:18	1
Magnesium	**14800**		97.7	10	mg/Kg	☼	06/23/25 06:53	06/23/25 16:18	1
Manganese	**157**		3.9	0.39	mg/Kg	☼	06/23/25 06:53	06/23/25 16:18	1
Nickel	**12.2**		2.0	0.17	mg/Kg	☼	06/23/25 06:53	06/23/25 16:18	1
Potassium	**743**		97.7	15.8	mg/Kg	☼	06/23/25 06:53	06/23/25 16:18	1
Selenium	**0.23**	**J**	1.2	0.13	mg/Kg	☼	06/23/25 06:53	06/23/25 16:18	1
Silver	0.39	U	0.39	0.087	mg/Kg	☼	06/23/25 06:53	06/23/25 16:18	1
Sodium	**273**		97.7	44.7	mg/Kg	☼	06/23/25 06:53	06/23/25 16:18	1
Thallium	**0.062**	**J**	0.39	0.040	mg/Kg	☼	06/23/25 06:53	06/23/25 16:18	1
Vanadium	**26.1**		2.0	0.20	mg/Kg	☼	06/23/25 06:53	06/23/25 16:18	1
Zinc	**65.2**		7.8	1.1	mg/Kg	☼	06/23/25 06:53	06/23/25 16:18	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.051**		0.017	0.0081	mg/Kg	☼	06/24/25 06:15	06/24/25 12:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	**18.6**		2.0	2.0	mg/Kg	☼		06/23/25 20:15	1

Client Sample ID: RX_01(0-2)

Lab Sample ID: 460-328838-4
Date Collected: 06/18/25 14:00
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 93.9

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.88	mg/Kg	☼	06/24/25 08:40	06/24/25 16:05	1
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.88	mg/Kg	☼	06/25/25 09:40	06/25/25 10:51	1
Cyanide, Total (SW846 9012B)	0.23	U	0.23	0.12	mg/Kg	☼	06/24/25 11:09	06/24/25 16:59	1
Percent Moisture (EPA Moisture)	**6.1**		1.0	1.0	%			06/20/25 08:32	1
Percent Solids (EPA Moisture)	**93.9**		1.0	1.0	%			06/20/25 08:32	1

Client Sample ID: RX_01(4-6)

Lab Sample ID: 460-328838-5
Date Collected: 06/18/25 14:10
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 89.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**0.0013**		0.0011	0.00026	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
1,1-Dichloroethane	**0.00074**	**J**	0.0011	0.00066	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
1,2,4-Trimethylbenzene	**0.15**		0.0011	0.00027	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
1,3,5-Trimethylbenzene	**0.043**		0.0011	0.00035	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
2-Butanone (MEK)	**0.0021**	**J**	0.0055	0.00041	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Acetone	**0.011**		0.0067	0.0063	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Chloroethane	**0.027**		0.0011	0.00058	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
cis-1,2-Dichloroethene	**0.0011**		0.0011	0.00040	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Cyclohexane	**0.00047**	**J**	0.0011	0.00025	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Ethylbenzene	**0.0091**		0.0011	0.00052	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328838-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX_01(4-6)
Lab Sample ID: 460-328838-5
Date Collected: 06/18/25 14:10
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 89.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	**0.0093**		0.0011	0.00032	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Methyl acetate	0.0055	U	0.0055	0.0048	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Methylcyclohexane	**0.0056**		0.0011	0.00055	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
m-Xylene & p-Xylene	**0.019**		0.0011	0.00047	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
n-Butylbenzene	**0.025**		0.0011	0.00033	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
N-Propylbenzene	**0.016**		0.0011	0.00050	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
o-Xylene	**0.023**		0.0011	0.00051	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
sec-Butylbenzene	**0.026**		0.0011	0.00032	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
tert-Butylbenzene	**0.0069**		0.0011	0.00031	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Tetrachloroethene	**0.0055**		0.0011	0.00034	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Toluene	**0.0031**		0.0011	0.00026	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1
Xylenes, Total	**0.042**		0.0022	0.00019	mg/Kg	☼	06/20/25 10:17	06/22/25 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*65 - 138*	*06/20/25 10:17*	*06/22/25 13:42*	*1*
4-Bromofluorobenzene	*80*		*71 - 128*	*06/20/25 10:17*	*06/22/25 13:42*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*06/20/25 10:17*	*06/22/25 13:42*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*06/20/25 10:17*	*06/22/25 13:42*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**0.68**		0.37	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
1,4-Dioxane	**0.24**		0.037	0.032	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.048	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
2-Chloronaphthalene	0.37	U	0.37	0.048	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
2-Methylnaphthalene	**4.4**		0.37	0.010	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
3-Nitroaniline	0.37	U	0.37	0.088	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328838-1

Client Sample ID: RX_01(4-6)
Date Collected: 06/18/25 14:10
Date Received: 06/18/25 19:10

Lab Sample ID: 460-328838-5
Matrix: Solid
Percent Solids: 89.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
4-Chloroaniline	0.37	U	0.37	0.066	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
4-Nitroaniline	0.37	U	0.37	0.094	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
4-Nitrophenol	0.75	U	0.75	0.060	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Acenaphthene	**0.34**	**J**	0.37	0.011	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Acenaphthylene	**0.22**	**J**	0.37	0.011	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Anthracene	**0.30**	**J**	0.37	0.011	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Atrazine	0.15	U *	0.15	0.022	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Benzaldehyde	0.37	U *	0.37	0.061	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Benzo[a]anthracene	**0.27**		0.037	0.028	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Benzo[a]pyrene	**0.27**		0.037	0.0099	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Benzo[b]fluoranthene	**0.35**		0.037	0.0096	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Benzo[g,h,i]perylene	**0.14**	**J**	0.37	0.011	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Benzo[k]fluoranthene	**0.12**		0.037	0.0073	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Bis(2-ethylhexyl) phthalate	**0.74**		0.37	0.020	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Butyl benzyl phthalate	**1.7**		0.37	0.017	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Caprolactam	0.37	U *	0.37	0.058	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Carbazole	**0.051**	**J**	0.37	0.014	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Chrysene	**0.35**	**J**	0.37	0.016	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Dibenz(a,h)anthracene	**0.049**		0.037	0.016	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Dibenzofuran	**0.50**		0.37	0.012	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Dimethyl phthalate	0.37	U	0.37	0.084	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Fluoranthene	**0.78**		0.37	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Fluorene	**0.73**		0.37	0.011	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.033	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Indeno[1,2,3-cd]pyrene	**0.14**		0.037	0.014	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Naphthalene	**2.1**		0.37	0.0064	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Nitrobenzene	0.037	U	0.037	0.021	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Phenanthrene	**1.4**		0.37	0.015	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1
Pyrene	**0.87**		0.37	0.0092	mg/Kg	☼	06/21/25 11:49	06/23/25 14:41	1

Client Sample ID: RX_01(4-6)
Lab Sample ID: 460-328838-5
Date Collected: 06/18/25 14:10
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 89.3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*18 - 137*	*06/21/25 11:49*	*06/23/25 14:41*	*1*
2-Fluorobiphenyl	*52*		*33 - 117*	*06/21/25 11:49*	*06/23/25 14:41*	*1*
2-Fluorophenol (Surr)	*75*		*24 - 120*	*06/21/25 11:49*	*06/23/25 14:41*	*1*
Nitrobenzene-d5 (Surr)	*89*		*27 - 120*	*06/21/25 11:49*	*06/23/25 14:41*	*1*
Phenol-d5 (Surr)	*70*		*28 - 118*	*06/21/25 11:49*	*06/23/25 14:41*	*1*
Terphenyl-d14 (Surr)	*72*		*33 - 124*	*06/21/25 11:49*	*06/23/25 14:41*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0075	U	0.0075	0.0013	mg/Kg	☼	06/19/25 18:22	06/20/25 14:30	1
4,4'-DDE	0.0075	U	0.0075	0.00088	mg/Kg	☼	06/19/25 18:22	06/20/25 14:30	1
4,4'-DDT	0.0075	U	0.0075	0.0014	mg/Kg	☼	06/19/25 18:22	06/20/25 14:30	1
Aldrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	06/19/25 18:22	06/20/25 14:30	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	06/19/25 18:22	06/20/25 14:30	1
beta-BHC	0.0022	U	0.0022	0.00084	mg/Kg	☼	06/19/25 18:22	06/20/25 14:30	1
Chlordane (technical)	0.075	U	0.075	0.018	mg/Kg	☼	06/19/25 18:22	06/20/25 14:30	1
cis-Chlordane	0.0075	U	0.0075	0.0012	mg/Kg	☼	06/19/25 18:22	06/20/25 14:30	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	06/19/25 18:22	06/20/25 14:30	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	06/19/25 18:22	06/20/25 14:30	1
Endosulfan I	0.0075	U	0.0075	0.0011	mg/Kg	☼	06/19/25 18:22	06/20/25 14:30	1
Endosulfan II	0.0075	U	0.0075	0.0019	mg/Kg	☼	06/19/25 18:22	06/20/25 14:30	1
Endosulfan sulfate	0.0075	U	0.0075	0.00094	mg/Kg	☼	06/19/25 18:22	06/20/25 14:30	1
Endrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	06/19/25 18:22	06/20/25 14:30	1
Endrin aldehyde	0.0075	U	0.0075	0.0018	mg/Kg	☼	06/19/25 18:22	06/20/25 14:30	1
Endrin ketone	0.0075	U	0.0075	0.0015	mg/Kg	☼	06/19/25 18:22	06/20/25 14:30	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	06/19/25 18:22	06/20/25 14:30	1
Heptachlor	0.0075	U	0.0075	0.00088	mg/Kg	☼	06/19/25 18:22	06/20/25 14:30	1
Heptachlor epoxide	0.0075	U	0.0075	0.0011	mg/Kg	☼	06/19/25 18:22	06/20/25 14:30	1
Methoxychlor	0.0075	U	0.0075	0.0017	mg/Kg	☼	06/19/25 18:22	06/20/25 14:30	1
Toxaphene	0.075	U	0.075	0.027	mg/Kg	☼	06/19/25 18:22	06/20/25 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*06/19/25 18:22*	*06/20/25 14:30*	*1*
DCB Decachlorobiphenyl	*133*		*10 - 150*	*06/19/25 18:22*	*06/20/25 14:30*	*1*
Tetrachloro-m-xylene	*109*		*14 - 150*	*06/19/25 18:22*	*06/20/25 14:30*	*1*
Tetrachloro-m-xylene	*111*		*14 - 150*	*06/19/25 18:22*	*06/20/25 14:30*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.020	mg/Kg	☼	06/19/25 18:13	06/21/25 03:49	1
Aroclor 1221	0.075	U	0.075	0.020	mg/Kg	☼	06/19/25 18:13	06/21/25 03:49	1
Aroclor 1232	0.075	U	0.075	0.020	mg/Kg	☼	06/19/25 18:13	06/21/25 03:49	1
Aroclor 1242	0.075	U	0.075	0.020	mg/Kg	☼	06/19/25 18:13	06/21/25 03:49	1
Aroclor 1248	0.075	U	0.075	0.020	mg/Kg	☼	06/19/25 18:13	06/21/25 03:49	1
Aroclor 1254	0.075	U	0.075	0.020	mg/Kg	☼	06/19/25 18:13	06/21/25 03:49	1
Aroclor 1260	0.075	U	0.075	0.020	mg/Kg	☼	06/19/25 18:13	06/21/25 03:49	1
Aroclor-1262	0.075	U	0.075	0.020	mg/Kg	☼	06/19/25 18:13	06/21/25 03:49	1
Aroclor 1268	0.075	U	0.075	0.020	mg/Kg	☼	06/19/25 18:13	06/21/25 03:49	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.020	mg/Kg	☼	06/19/25 18:13	06/21/25 03:49	1

Client Sample ID: RX_01(4-6)
Date Collected: 06/18/25 14:10
Date Received: 06/18/25 19:10

Lab Sample ID: 460-328838-5
Matrix: Solid
Percent Solids: 89.3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*139*		*10 - 150*	*06/19/25 18:13*	*06/21/25 03:49*	*1*
DCB Decachlorobiphenyl	*155*	*	*10 - 150*	*06/19/25 18:13*	*06/21/25 03:49*	*1*
Tetrachloro-m-xylene	*118*		*10 - 150*	*06/19/25 18:13*	*06/21/25 03:49*	*1*
Tetrachloro-m-xylene	*128*		*10 - 150*	*06/19/25 18:13*	*06/21/25 03:49*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.037	U	0.037	0.0079	mg/Kg	☼	06/20/25 06:37	06/23/25 20:13	1
2,4-D	0.037	U	0.037	0.014	mg/Kg	☼	06/20/25 06:37	06/23/25 20:13	1
Silvex (2,4,5-TP)	0.037	U	0.037	0.0039	mg/Kg	☼	06/20/25 06:37	06/23/25 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*9956*	*	*38 - 150*	*06/20/25 06:37*	*06/23/25 20:13*	*1*
2,4-Dichlorophenylacetic acid	*298*	*	*38 - 150*	*06/20/25 06:37*	*06/23/25 20:13*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3650**		20.9	5.7	mg/Kg	☼	06/23/25 06:53	06/23/25 16:21	1
Antimony	**1.2**		1.0	0.15	mg/Kg	☼	06/23/25 06:53	06/23/25 16:21	1
Arsenic	**4.4**		1.0	0.11	mg/Kg	☼	06/23/25 06:53	06/23/25 16:21	1
Barium	**34.3**		2.1	0.15	mg/Kg	☼	06/23/25 06:53	06/23/25 16:21	1
Beryllium	**0.24**	**J**	0.42	0.023	mg/Kg	☼	06/23/25 06:53	06/23/25 16:21	1
Cadmium	**0.17**	**J**	1.0	0.12	mg/Kg	☼	06/23/25 06:53	06/23/25 16:21	1
Calcium	**36500**		105	10.2	mg/Kg	☼	06/23/25 06:53	06/23/25 16:21	1
Chromium	**10.4**		2.1	0.31	mg/Kg	☼	06/23/25 06:53	06/23/25 16:21	1
Cobalt	**4.1**		2.1	0.15	mg/Kg	☼	06/23/25 06:53	06/23/25 16:21	1
Copper	**21.0**		2.1	0.39	mg/Kg	☼	06/23/25 06:53	06/23/25 16:21	1
Iron	**11200**		62.8	8.0	mg/Kg	☼	06/23/25 06:53	06/23/25 16:21	1
Lead	**28.2**		0.63	0.21	mg/Kg	☼	06/23/25 06:53	06/23/25 16:21	1
Magnesium	**16000**		105	10.7	mg/Kg	☼	06/23/25 06:53	06/23/25 16:21	1
Manganese	**140**		4.2	0.42	mg/Kg	☼	06/23/25 06:53	06/23/25 16:21	1
Nickel	**12.5**		2.1	0.19	mg/Kg	☼	06/23/25 06:53	06/23/25 16:21	1
Potassium	**650**		105	17.0	mg/Kg	☼	06/23/25 06:53	06/23/25 16:21	1
Selenium	**0.27**	**J**	1.3	0.13	mg/Kg	☼	06/23/25 06:53	06/23/25 16:21	1
Silver	0.42	U	0.42	0.093	mg/Kg	☼	06/23/25 06:53	06/23/25 16:21	1
Sodium	**253**		105	47.8	mg/Kg	☼	06/23/25 06:53	06/23/25 16:21	1
Thallium	**0.11**	**J**	0.42	0.043	mg/Kg	☼	06/23/25 06:53	06/23/25 16:21	1
Vanadium	**33.4**		2.1	0.22	mg/Kg	☼	06/23/25 06:53	06/23/25 16:21	1
Zinc	**43.8**		8.4	1.1	mg/Kg	☼	06/23/25 06:53	06/23/25 16:21	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.099**		0.018	0.0087	mg/Kg	☼	06/24/25 06:15	06/24/25 12:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	**10.4**		2.0	2.0	mg/Kg	☼		06/23/25 20:15	1
Cr (VI) (SW846 7196A)	2.2	U	2.2	0.91	mg/Kg	☼	06/24/25 08:40	06/24/25 16:05	1
Cr (VI) (SW846 7196A)	2.2	U	2.2	0.91	mg/Kg	☼	06/25/25 09:40	06/25/25 10:51	1
Cyanide, Total (SW846 9012B)	0.23	U	0.23	0.13	mg/Kg	☼	06/24/25 11:09	06/24/25 17:00	1
Percent Moisture (EPA Moisture)	**10.7**		1.0	1.0	%			06/20/25 08:32	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328838-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX_01(4-6)
Lab Sample ID: 460-328838-5
Date Collected: 06/18/25 14:10
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 89.3

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	89.3		1.0	1.0	%			06/20/25 08:32	1

Surrogate Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328838-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-328838-1	RX_04(0-2)	86	88	101	98
460-328838-2	RX_04(4-6)	85	85	99	96
460-328838-4	RX_01(0-2)	89	94	109	103
460-328838-5	RX_01(4-6)	81	80	97	96
LB3 460-1044983/1-A	Method Blank	95	81	116	101
LB3 460-1045049/1-A	Method Blank	80	76	95	89
LCS 460-1044951/3	Lab Control Sample	92	82	106	99
LCS 460-1045338/3	Lab Control Sample	84	85	100	99
LCSD 460-1044951/4	Lab Control Sample Dup	91	84	108	103
LCSD 460-1045338/4	Lab Control Sample Dup	82	84	103	103
MB 460-1044951/6	Method Blank	91	82	111	102
MB 460-1045338/7	Method Blank	81	83	101	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-328838-3	TRIP BLANK	100	109	103	80
LCS 460-1045686/5	Lab Control Sample	98	104	99	83
LCSD 460-1045686/6	Lab Control Sample Dup	99	104	102	83
MB 460-1045686/10	Method Blank	101	103	98	84

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(18-137)	(33-117)	(24-120)	(27-120)	(28-118)	(33-124)
460-328151-E-6-K MS	Matrix Spike	70	67	67	60	69	70
460-328151-E-6-L MSD	Matrix Spike Duplicate	51	62	58	56	57	59
460-328838-1	RX_04(0-2)	60	67	65	58	63	57
460-328838-2	RX_04(4-6)	70	71	65	62	65	63
460-328838-4	RX_01(0-2)	61	66	65	62	63	56
460-328838-5	RX_01(4-6)	79	52	75	89	70	72
LCS 460-1045291/2-A	Lab Control Sample	94	81	81	75	80	83
LCSD 460-1045291/3-A	Lab Control Sample Dup	95	82	81	76	79	82
MB 460-1045291/1-A	Method Blank	79	72	73	70	70	81

Surrogate Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328838-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(14-150)	(14-150)
460-328838-1	RX_04(0-2)	130	117	106	105
460-328838-2	RX_04(4-6)	147	134	116	115
460-328838-4	RX_01(0-2)	128	113	104	100
460-328838-5	RX_01(4-6)	133	115	111	109
LCS 460-1044895/2-A	Lab Control Sample	101	87	81	75
LCSD 460-1044895/3-A	Lab Control Sample Dup	98	89	84	77
MB 460-1044895/1-A	Method Blank	124	112	100	97

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(10-150)	(10-150)
460-328555-C-1-B MS	Matrix Spike	124	117	111	100
460-328555-C-1-C MSD	Matrix Spike Duplicate	118	111	106	95
460-328838-1	RX_04(0-2)	141	131	118	107
460-328838-2	RX_04(4-6)	142	132	117	107
460-328838-4	RX_01(0-2)	137	129	112	102
460-328838-5	RX_01(4-6)	155 *	139	128	118
LCS 460-1044879/2-A	Lab Control Sample	113	107	101	90
LCSD 460-1044879/3-A	Lab Control Sample Dup	115	108	103	92
MB 460-1044879/1-A	Method Blank	113	108	101	91

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		DCPAA1	DCPAA2								
Lab Sample ID	Client Sample ID	(38-150)	(38-150)								
460-328831-E-1-C MS	Matrix Spike	112	117								
460-328831-E-1-D MSD	Matrix Spike Duplicate	100	104								
460-328838-1	RX_04(0-2)	123	366 *								
460-328838-2	RX_04(4-6)	175 *	983 *								
460-328838-4	RX_01(0-2)	535 *	3002 *								
460-328838-5	RX_01(4-6)	298 *	9956 *								

Surrogate Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328838-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method: 8151A - Herbicides (GC) (Continued)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	DCPAA1 (38-150)	DCPAA2 (38-150)								
LCS 460-1044976/2-A	Lab Control Sample	121	128								
LCSD 460-1044976/3-A	Lab Control Sample Dup	92	95								
MB 460-1044976/1-A	Method Blank	89	92								

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1044951/6
Matrix: Solid
Analysis Batch: 1044951

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			06/20/25 06:18	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/20/25 06:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/20/25 06:18	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/20/25 06:18	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/20/25 06:18	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/20/25 06:18	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/20/25 06:18	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/20/25 06:18	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			06/20/25 06:18	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/20/25 06:18	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/20/25 06:18	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/20/25 06:18	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/20/25 06:18	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			06/20/25 06:18	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/20/25 06:18	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/20/25 06:18	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/20/25 06:18	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/20/25 06:18	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/20/25 06:18	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/20/25 06:18	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/20/25 06:18	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/20/25 06:18	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/20/25 06:18	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/20/25 06:18	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/20/25 06:18	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/20/25 06:18	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/20/25 06:18	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/20/25 06:18	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/20/25 06:18	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/20/25 06:18	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			06/20/25 06:18	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/20/25 06:18	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/20/25 06:18	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/20/25 06:18	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/20/25 06:18	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/20/25 06:18	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/20/25 06:18	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/20/25 06:18	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/20/25 06:18	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/20/25 06:18	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/20/25 06:18	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/20/25 06:18	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/20/25 06:18	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/20/25 06:18	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/20/25 06:18	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			06/20/25 06:18	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/20/25 06:18	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/20/25 06:18	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1044951/6
Matrix: Solid
Analysis Batch: 1044951

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/20/25 06:18	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			06/20/25 06:18	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/20/25 06:18	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/20/25 06:18	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/20/25 06:18	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/20/25 06:18	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/20/25 06:18	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/20/25 06:18	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/20/25 06:18	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			06/20/25 06:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*65 - 138*		*06/20/25 06:18*	*1*
4-Bromofluorobenzene	*82*		*71 - 128*		*06/20/25 06:18*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*		*06/20/25 06:18*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*		*06/20/25 06:18*	*1*

Lab Sample ID: LCS 460-1044951/3
Matrix: Solid
Analysis Batch: 1044951

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0172		mg/Kg		86	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0188		mg/Kg		94	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0229		mg/Kg		115	75 - 121
1,1,2-Trichloroethane	0.0200	0.0192		mg/Kg		96	80 - 120
1,1-Dichloroethane	0.0200	0.0194		mg/Kg		97	72 - 120
1,1-Dichloroethene	0.0200	0.0228		mg/Kg		114	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0183		mg/Kg		92	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0180		mg/Kg		90	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0167		mg/Kg		84	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0191		mg/Kg		95	80 - 124
1,2-Dichlorobenzene	0.0200	0.0189		mg/Kg		95	80 - 120
1,2-Dichloroethane	0.0200	0.0167		mg/Kg		84	70 - 123
1,2-Dichloropropane	0.0200	0.0192		mg/Kg		96	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0169		mg/Kg		85	70 - 120
1,3-Dichlorobenzene	0.0200	0.0187		mg/Kg		93	80 - 120
1,4-Dichlorobenzene	0.0200	0.0191		mg/Kg		96	80 - 120
2-Butanone (MEK)	0.100	0.0967		mg/Kg		97	64 - 128
2-Hexanone	0.100	0.0897		mg/Kg		90	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0931		mg/Kg		93	80 - 120
Acetone	0.100	0.109		mg/Kg		109	58 - 122
Benzene	0.0200	0.0195		mg/Kg		98	75 - 120
Bromoform	0.0200	0.0219		mg/Kg		110	61 - 125
Bromomethane	0.0200	0.0242		mg/Kg		121	37 - 150
Carbon disulfide	0.0200	0.0225		mg/Kg		112	57 - 133
Carbon tetrachloride	0.0200	0.0186		mg/Kg		93	66 - 127
Chlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1044951/3
Matrix: Solid
Analysis Batch: 1044951

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0200	0.0213		mg/Kg		107	76 - 127
Chlorodibromomethane	0.0200	0.0206		mg/Kg		103	72 - 120
Chloroethane	0.0200	0.0181		mg/Kg		91	60 - 123
Chloroform	0.0200	0.0189		mg/Kg		94	79 - 126
Chloromethane	0.0200	0.0193		mg/Kg		96	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0203		mg/Kg		102	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0178		mg/Kg		89	75 - 120
Cyclohexane	0.0200	0.0199		mg/Kg		99	65 - 132
Dichlorobromomethane	0.0200	0.0186		mg/Kg		93	77 - 124
Dichlorodifluoromethane	0.0200	0.0213		mg/Kg		106	45 - 129
Ethylbenzene	0.0200	0.0189		mg/Kg		95	80 - 120
Ethylene Dibromide	0.0200	0.0184		mg/Kg		92	79 - 120
Isopropylbenzene	0.0200	0.0185		mg/Kg		92	74 - 120
Methyl acetate	0.0400	0.0443		mg/Kg		111	57 - 120
Methyl tert-butyl ether	0.0200	0.0172		mg/Kg		86	74 - 125
Methylcyclohexane	0.0200	0.0202		mg/Kg		101	66 - 125
Methylene Chloride	0.0200	0.0211		mg/Kg		106	78 - 120
m-Xylene & p-Xylene	0.0200	0.0188		mg/Kg		94	80 - 120
n-Butylbenzene	0.0200	0.0182		mg/Kg		91	72 - 120
N-Propylbenzene	0.0200	0.0185		mg/Kg		92	68 - 120
o-Xylene	0.0200	0.0185		mg/Kg		92	80 - 120
sec-Butylbenzene	0.0200	0.0176		mg/Kg		88	78 - 120
Styrene	0.0200	0.0180		mg/Kg		90	80 - 120
tert-Butylbenzene	0.0200	0.0172		mg/Kg		86	80 - 120
Tetrachloroethene	0.0200	0.0200		mg/Kg		100	73 - 120
Toluene	0.0200	0.0185		mg/Kg		92	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0210		mg/Kg		105	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0162		mg/Kg		81	77 - 120
Trichloroethene	0.0200	0.0181		mg/Kg		90	80 - 120
Trichlorofluoromethane	0.0200	0.0194		mg/Kg		97	61 - 130
Vinyl chloride	0.0200	0.0206		mg/Kg		103	54 - 122
Xylenes, Total	0.0400	0.0373		mg/Kg		93	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*65 - 138*
4-Bromofluorobenzene	*82*		*71 - 128*
Dibromofluoromethane (Surr)	*106*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: LCSD 460-1044951/4
Matrix: Solid
Analysis Batch: 1044951

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0175		mg/Kg		88	78 - 120	2	30
1,1,2,2-Tetrachloroethane	0.0200	0.0186		mg/Kg		93	70 - 133	1	30
1,1,2-Trichloro-1,2,2-trifluoroetha ne	0.0200	0.0231		mg/Kg		115	75 - 121	1	30
1,1,2-Trichloroethane	0.0200	0.0191		mg/Kg		96	80 - 120	0	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1044951/4
Matrix: Solid
Analysis Batch: 1044951

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	0.0200	0.0196		mg/Kg		98	72 - 120	1	30
1,1-Dichloroethene	0.0200	0.0232		mg/Kg		116	76 - 120	2	30
1,2,3-Trichlorobenzene	0.0200	0.0181		mg/Kg		91	77 - 137	1	30
1,2,4-Trichlorobenzene	0.0200	0.0182		mg/Kg		91	77 - 136	1	30
1,2,4-Trimethylbenzene	0.0200	0.0170		mg/Kg		85	75 - 120	1	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0180		mg/Kg		90	80 - 124	6	30
1,2-Dichlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0168		mg/Kg		84	70 - 123	1	30
1,2-Dichloropropane	0.0200	0.0199		mg/Kg		100	73 - 124	4	30
1,3,5-Trimethylbenzene	0.0200	0.0174		mg/Kg		87	70 - 120	3	30
1,3-Dichlorobenzene	0.0200	0.0188		mg/Kg		94	80 - 120	1	30
1,4-Dichlorobenzene	0.0200	0.0193		mg/Kg		96	80 - 120	1	30
2-Butanone (MEK)	0.100	0.0970		mg/Kg		97	64 - 128	0	30
2-Hexanone	0.100	0.0913		mg/Kg		91	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0948		mg/Kg		95	80 - 120	2	30
Acetone	0.100	0.109		mg/Kg		109	58 - 122	0	30
Benzene	0.0200	0.0205		mg/Kg		102	75 - 120	5	30
Bromoform	0.0200	0.0224		mg/Kg		112	61 - 125	2	30
Bromomethane	0.0200	0.0227		mg/Kg		114	37 - 150	6	30
Carbon disulfide	0.0200	0.0226		mg/Kg		113	57 - 133	1	30
Carbon tetrachloride	0.0200	0.0188		mg/Kg		94	66 - 127	1	30
Chlorobenzene	0.0200	0.0206		mg/Kg		103	80 - 120	4	30
Chlorobromomethane	0.0200	0.0213		mg/Kg		106	76 - 127	0	30
Chlorodibromomethane	0.0200	0.0212		mg/Kg		106	72 - 120	3	30
Chloroethane	0.0200	0.0177		mg/Kg		89	60 - 123	2	30
Chloroform	0.0200	0.0192		mg/Kg		96	79 - 126	2	30
Chloromethane	0.0200	0.0187		mg/Kg		93	46 - 122	3	30
cis-1,2-Dichloroethene	0.0200	0.0203		mg/Kg		102	80 - 123	0	30
cis-1,3-Dichloropropene	0.0200	0.0183		mg/Kg		91	75 - 120	3	30
Cyclohexane	0.0200	0.0203		mg/Kg		102	65 - 132	2	30
Dichlorobromomethane	0.0200	0.0187		mg/Kg		94	77 - 124	1	30
Dichlorodifluoromethane	0.0200	0.0214		mg/Kg		107	45 - 129	1	30
Ethylbenzene	0.0200	0.0199		mg/Kg		100	80 - 120	5	30
Ethylene Dibromide	0.0200	0.0193		mg/Kg		97	79 - 120	5	30
Isopropylbenzene	0.0200	0.0196		mg/Kg		98	74 - 120	6	30
Methyl acetate	0.0400	0.0406		mg/Kg		102	57 - 120	9	30
Methyl tert-butyl ether	0.0200	0.0174		mg/Kg		87	74 - 125	1	30
Methylcyclohexane	0.0200	0.0208		mg/Kg		104	66 - 125	3	30
Methylene Chloride	0.0200	0.0215		mg/Kg		108	78 - 120	2	30
m-Xylene & p-Xylene	0.0200	0.0199		mg/Kg		99	80 - 120	5	30
n-Butylbenzene	0.0200	0.0186		mg/Kg		93	72 - 120	2	30
N-Propylbenzene	0.0200	0.0187		mg/Kg		94	68 - 120	1	30
o-Xylene	0.0200	0.0192		mg/Kg		96	80 - 120	4	30
sec-Butylbenzene	0.0200	0.0182		mg/Kg		91	78 - 120	3	30
Styrene	0.0200	0.0189		mg/Kg		94	80 - 120	5	30
tert-Butylbenzene	0.0200	0.0177		mg/Kg		89	80 - 120	3	30
Tetrachloroethene	0.0200	0.0209		mg/Kg		104	73 - 120	4	30
Toluene	0.0200	0.0191		mg/Kg		96	80 - 120	3	30
trans-1,2-Dichloroethene	0.0200	0.0221		mg/Kg		110	78 - 120	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1044951/4
Matrix: Solid
Analysis Batch: 1044951

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			0.0200	0.0169		mg/Kg		84	77 - 120	4	30
Trichloroethene			0.0200	0.0187		mg/Kg		94	80 - 120	3	30
Trichlorofluoromethane			0.0200	0.0188		mg/Kg		94	61 - 130	3	30
Vinyl chloride			0.0200	0.0196		mg/Kg		98	54 - 122	5	30
Xylenes, Total			0.0400	0.0391		mg/Kg		98	80 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*65 - 138*
4-Bromofluorobenzene	*84*		*71 - 128*
Dibromofluoromethane (Surr)	*108*		*50 - 150*
Toluene-d8 (Surr)	*103*		*71 - 126*

Lab Sample ID: LB3 460-1044983/1-A
Matrix: Solid
Analysis Batch: 1044951

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1044983

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		06/20/25 07:24	06/20/25 14:48	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-1044983/1-A
Matrix: Solid
Analysis Batch: 1044951

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1044983

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		06/20/25 07:24	06/20/25 14:48	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg		06/20/25 07:24	06/20/25 14:48	1

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*	*06/20/25 07:24*	*06/20/25 14:48*	*1*
4-Bromofluorobenzene	*81*		*71 - 128*	*06/20/25 07:24*	*06/20/25 14:48*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*06/20/25 07:24*	*06/20/25 14:48*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*06/20/25 07:24*	*06/20/25 14:48*	*1*

Lab Sample ID: LB3 460-1045049/1-A
Matrix: Solid
Analysis Batch: 1045338

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045049

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg		06/20/25 10:17	06/22/25 12:04	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-1045049/1-A
Matrix: Solid
Analysis Batch: 1045338

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045049

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		06/20/25 10:17	06/22/25 12:04	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg		06/20/25 10:17	06/22/25 12:04	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LB3 %Recovery	LB3 Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	80		65 - 138	06/20/25 10:17	06/22/25 12:04	1
4-Bromofluorobenzene	76		71 - 128	06/20/25 10:17	06/22/25 12:04	1
Dibromofluoromethane (Surr)	95		50 - 150	06/20/25 10:17	06/22/25 12:04	1
Toluene-d8 (Surr)	89		71 - 126	06/20/25 10:17	06/22/25 12:04	1

Lab Sample ID: MB 460-1045338/7
Matrix: Solid
Analysis Batch: 1045338

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			06/22/25 07:31	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/22/25 07:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/22/25 07:31	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/22/25 07:31	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/22/25 07:31	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/22/25 07:31	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/22/25 07:31	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/22/25 07:31	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			06/22/25 07:31	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/22/25 07:31	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/22/25 07:31	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/22/25 07:31	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/22/25 07:31	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			06/22/25 07:31	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/22/25 07:31	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/22/25 07:31	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/22/25 07:31	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/22/25 07:31	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/22/25 07:31	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/22/25 07:31	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/22/25 07:31	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/22/25 07:31	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/22/25 07:31	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/22/25 07:31	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/22/25 07:31	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/22/25 07:31	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/22/25 07:31	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/22/25 07:31	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/22/25 07:31	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/22/25 07:31	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			06/22/25 07:31	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/22/25 07:31	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/22/25 07:31	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/22/25 07:31	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/22/25 07:31	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/22/25 07:31	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/22/25 07:31	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/22/25 07:31	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/22/25 07:31	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/22/25 07:31	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/22/25 07:31	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1045338/7
Matrix: Solid
Analysis Batch: 1045338

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/22/25 07:31	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/22/25 07:31	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/22/25 07:31	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/22/25 07:31	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			06/22/25 07:31	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/22/25 07:31	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/22/25 07:31	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/22/25 07:31	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			06/22/25 07:31	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/22/25 07:31	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/22/25 07:31	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/22/25 07:31	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/22/25 07:31	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/22/25 07:31	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/22/25 07:31	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/22/25 07:31	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			06/22/25 07:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*65 - 138*		*06/22/25 07:31*	*1*
4-Bromofluorobenzene	*83*		*71 - 128*		*06/22/25 07:31*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 150*		*06/22/25 07:31*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*		*06/22/25 07:31*	*1*

Lab Sample ID: LCS 460-1045338/3
Matrix: Solid
Analysis Batch: 1045338

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0175		mg/Kg		88	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0200		mg/Kg		100	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0230		mg/Kg		115	75 - 121
1,1,2-Trichloroethane	0.0200	0.0193		mg/Kg		97	80 - 120
1,1-Dichloroethane	0.0200	0.0192		mg/Kg		96	72 - 120
1,1-Dichloroethene	0.0200	0.0232		mg/Kg		116	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0198		mg/Kg		99	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0196		mg/Kg		98	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0175		mg/Kg		88	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0220		mg/Kg		110	80 - 124
1,2-Dichlorobenzene	0.0200	0.0197		mg/Kg		99	80 - 120
1,2-Dichloroethane	0.0200	0.0161		mg/Kg		80	70 - 123
1,2-Dichloropropane	0.0200	0.0192		mg/Kg		96	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0177		mg/Kg		88	70 - 120
1,3-Dichlorobenzene	0.0200	0.0199		mg/Kg		99	80 - 120
1,4-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120
2-Butanone (MEK)	0.100	0.102		mg/Kg		102	64 - 128
2-Hexanone	0.100	0.0962		mg/Kg		96	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0969		mg/Kg		97	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1045338/3
Matrix: Solid
Analysis Batch: 1045338

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.100	0.116		mg/Kg		116	58 - 122
Benzene	0.0200	0.0200		mg/Kg		100	75 - 120
Bromoform	0.0200	0.0236		mg/Kg		118	61 - 125
Bromomethane	0.0200	0.0208		mg/Kg		104	37 - 150
Carbon disulfide	0.0200	0.0222		mg/Kg		111	57 - 133
Carbon tetrachloride	0.0200	0.0183		mg/Kg		91	66 - 127
Chlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120
Chlorobromomethane	0.0200	0.0212		mg/Kg		106	76 - 127
Chlorodibromomethane	0.0200	0.0215		mg/Kg		108	72 - 120
Chloroethane	0.0200	0.0161		mg/Kg		80	60 - 123
Chloroform	0.0200	0.0186		mg/Kg		93	79 - 126
Chloromethane	0.0200	0.0158		mg/Kg		79	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0203		mg/Kg		102	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0180		mg/Kg		90	75 - 120
Cyclohexane	0.0200	0.0207		mg/Kg		103	65 - 132
Dichlorobromomethane	0.0200	0.0186		mg/Kg		93	77 - 124
Dichlorodifluoromethane	0.0200	0.0183		mg/Kg		91	45 - 129
Ethylbenzene	0.0200	0.0203		mg/Kg		102	80 - 120
Ethylene Dibromide	0.0200	0.0198		mg/Kg		99	79 - 120
Isopropylbenzene	0.0200	0.0199		mg/Kg		99	74 - 120
Methyl acetate	0.0400	0.0409		mg/Kg		102	57 - 120
Methyl tert-butyl ether	0.0200	0.0182		mg/Kg		91	74 - 125
Methylcyclohexane	0.0200	0.0209		mg/Kg		105	66 - 125
Methylene Chloride	0.0200	0.0211		mg/Kg		105	78 - 120
m-Xylene & p-Xylene	0.0200	0.0202		mg/Kg		101	80 - 120
n-Butylbenzene	0.0200	0.0191		mg/Kg		96	72 - 120
N-Propylbenzene	0.0200	0.0194		mg/Kg		97	68 - 120
o-Xylene	0.0200	0.0199		mg/Kg		100	80 - 120
sec-Butylbenzene	0.0200	0.0186		mg/Kg		93	78 - 120
Styrene	0.0200	0.0192		mg/Kg		96	80 - 120
tert-Butylbenzene	0.0200	0.0179		mg/Kg		90	80 - 120
Tetrachloroethene	0.0200	0.0214		mg/Kg		107	73 - 120
Toluene	0.0200	0.0194		mg/Kg		97	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0222		mg/Kg		111	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0170		mg/Kg		85	77 - 120
Trichloroethene	0.0200	0.0185		mg/Kg		92	80 - 120
Trichlorofluoromethane	0.0200	0.0166		mg/Kg		83	61 - 130
Vinyl chloride	0.0200	0.0181		mg/Kg		90	54 - 122
Xylenes, Total	0.0400	0.0401		mg/Kg		100	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*65 - 138*
4-Bromofluorobenzene	*85*		*71 - 128*
Dibromofluoromethane (Surr)	*100*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1045338/4
Matrix: Solid
Analysis Batch: 1045338

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0168		mg/Kg		84	78 - 120	4	30
1,1,2,2-Tetrachloroethane	0.0200	0.0168		mg/Kg		84	70 - 133	17	30
1,1,2-Trichloro-1,2,2-trifluoroetha ne	0.0200	0.0228		mg/Kg		114	75 - 121	1	30
1,1,2-Trichloroethane	0.0200	0.0177		mg/Kg		88	80 - 120	9	30
1,1-Dichloroethane	0.0200	0.0182		mg/Kg		91	72 - 120	5	30
1,1-Dichloroethene	0.0200	0.0222		mg/Kg		111	76 - 120	4	30
1,2,3-Trichlorobenzene	0.0200	0.0180		mg/Kg		90	77 - 137	10	30
1,2,4-Trichlorobenzene	0.0200	0.0182		mg/Kg		91	77 - 136	7	30
1,2,4-Trimethylbenzene	0.0200	0.0165		mg/Kg		82	75 - 120	6	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0181		mg/Kg		90	80 - 124	20	30
1,2-Dichlorobenzene	0.0200	0.0186		mg/Kg		93	80 - 120	6	30
1,2-Dichloroethane	0.0200	0.0149		mg/Kg		74	70 - 123	8	30
1,2-Dichloropropane	0.0200	0.0184		mg/Kg		92	73 - 124	4	30
1,3,5-Trimethylbenzene	0.0200	0.0168		mg/Kg		84	70 - 120	5	30
1,3-Dichlorobenzene	0.0200	0.0185		mg/Kg		93	80 - 120	7	30
1,4-Dichlorobenzene	0.0200	0.0187		mg/Kg		94	80 - 120	6	30
2-Butanone (MEK)	0.100	0.0965		mg/Kg		97	64 - 128	5	30
2-Hexanone	0.100	0.0940		mg/Kg		94	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0960		mg/Kg		96	80 - 120	1	30
Acetone	0.100	0.104		mg/Kg		104	58 - 122	11	30
Benzene	0.0200	0.0192		mg/Kg		96	75 - 120	4	30
Bromoform	0.0200	0.0214		mg/Kg		107	61 - 125	10	30
Bromomethane	0.0200	0.0223		mg/Kg		111	37 - 150	7	30
Carbon disulfide	0.0200	0.0213		mg/Kg		107	57 - 133	4	30
Carbon tetrachloride	0.0200	0.0181		mg/Kg		91	66 - 127	1	30
Chlorobenzene	0.0200	0.0191		mg/Kg		96	80 - 120	6	30
Chlorobromomethane	0.0200	0.0198		mg/Kg		99	76 - 127	7	30
Chlorodibromomethane	0.0200	0.0195		mg/Kg		97	72 - 120	10	30
Chloroethane	0.0200	0.0172		mg/Kg		86	60 - 123	7	30
Chloroform	0.0200	0.0178		mg/Kg		89	79 - 126	5	30
Chloromethane	0.0200	0.0172		mg/Kg		86	46 - 122	9	30
cis-1,2-Dichloroethene	0.0200	0.0196		mg/Kg		98	80 - 123	4	30
cis-1,3-Dichloropropene	0.0200	0.0170		mg/Kg		85	75 - 120	6	30
Cyclohexane	0.0200	0.0200		mg/Kg		100	65 - 132	3	30
Dichlorobromomethane	0.0200	0.0177		mg/Kg		89	77 - 124	5	30
Dichlorodifluoromethane	0.0200	0.0194		mg/Kg		97	45 - 129	6	30
Ethylbenzene	0.0200	0.0196		mg/Kg		98	80 - 120	4	30
Ethylene Dibromide	0.0200	0.0178		mg/Kg		89	79 - 120	11	30
Isopropylbenzene	0.0200	0.0191		mg/Kg		95	74 - 120	4	30
Methyl acetate	0.0400	0.0355		mg/Kg		89	57 - 120	14	30
Methyl tert-butyl ether	0.0200	0.0164		mg/Kg		82	74 - 125	10	30
Methylcyclohexane	0.0200	0.0200		mg/Kg		100	66 - 125	5	30
Methylene Chloride	0.0200	0.0205		mg/Kg		102	78 - 120	3	30
m-Xylene & p-Xylene	0.0200	0.0191		mg/Kg		96	80 - 120	5	30
n-Butylbenzene	0.0200	0.0178		mg/Kg		89	72 - 120	7	30
N-Propylbenzene	0.0200	0.0180		mg/Kg		90	68 - 120	7	30
o-Xylene	0.0200	0.0192		mg/Kg		96	80 - 120	4	30
sec-Butylbenzene	0.0200	0.0176		mg/Kg		88	78 - 120	6	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1045338/4
Matrix: Solid
Analysis Batch: 1045338

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			0.0200	0.0186		mg/Kg		93	80 - 120	3	30
tert-Butylbenzene			0.0200	0.0167		mg/Kg		83	80 - 120	7	30
Tetrachloroethene			0.0200	0.0201		mg/Kg		100	73 - 120	6	30
Toluene			0.0200	0.0184		mg/Kg		92	80 - 120	5	30
trans-1,2-Dichloroethene			0.0200	0.0210		mg/Kg		105	78 - 120	5	30
trans-1,3-Dichloropropene			0.0200	0.0155		mg/Kg		77	77 - 120	9	30
Trichloroethene			0.0200	0.0177		mg/Kg		88	80 - 120	4	30
Trichlorofluoromethane			0.0200	0.0171		mg/Kg		85	61 - 130	3	30
Vinyl chloride			0.0200	0.0193		mg/Kg		97	54 - 122	6	30
Xylenes, Total			0.0400	0.0383		mg/Kg		96	80 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*82*		*65 - 138*
4-Bromofluorobenzene	*84*		*71 - 128*
Dibromofluoromethane (Surr)	*103*		*50 - 150*
Toluene-d8 (Surr)	*103*		*71 - 126*

Lab Sample ID: MB 460-1045686/10
Matrix: Water
Analysis Batch: 1045686

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			06/24/25 09:14	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			06/24/25 09:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			06/24/25 09:14	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			06/24/25 09:14	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			06/24/25 09:14	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/24/25 09:14	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			06/24/25 09:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			06/24/25 09:14	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			06/24/25 09:14	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			06/24/25 09:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			06/24/25 09:14	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			06/24/25 09:14	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			06/24/25 09:14	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			06/24/25 09:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			06/24/25 09:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			06/24/25 09:14	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			06/24/25 09:14	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			06/24/25 09:14	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			06/24/25 09:14	1
Acetone	5.0	U	5.0	4.4	ug/L			06/24/25 09:14	1
Benzene	0.45	U	0.45	0.070	ug/L			06/24/25 09:14	1
Bromoform	1.0	U	1.0	0.54	ug/L			06/24/25 09:14	1
Bromomethane	1.0	U	1.0	0.55	ug/L			06/24/25 09:14	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			06/24/25 09:14	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			06/24/25 09:14	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			06/24/25 09:14	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1045686/10
Matrix: Water
Analysis Batch: 1045686

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			06/24/25 09:14	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			06/24/25 09:14	1
Chloroethane	1.0	U	1.0	0.32	ug/L			06/24/25 09:14	1
Chloroform	1.0	U	1.0	0.33	ug/L			06/24/25 09:14	1
Chloromethane	1.0	U	1.0	0.40	ug/L			06/24/25 09:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			06/24/25 09:14	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			06/24/25 09:14	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			06/24/25 09:14	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			06/24/25 09:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/24/25 09:14	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			06/24/25 09:14	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			06/24/25 09:14	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			06/24/25 09:14	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			06/24/25 09:14	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			06/24/25 09:14	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			06/24/25 09:14	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			06/24/25 09:14	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			06/24/25 09:14	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			06/24/25 09:14	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			06/24/25 09:14	1
o-Xylene	1.0	U	1.0	0.36	ug/L			06/24/25 09:14	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			06/24/25 09:14	1
Styrene	1.0	U	1.0	0.42	ug/L			06/24/25 09:14	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			06/24/25 09:14	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			06/24/25 09:14	1
Toluene	1.0	U	1.0	0.38	ug/L			06/24/25 09:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/24/25 09:14	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			06/24/25 09:14	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			06/24/25 09:14	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			06/24/25 09:14	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			06/24/25 09:14	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			06/24/25 09:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 128*		*06/24/25 09:14*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*06/24/25 09:14*	*1*
Dibromofluoromethane (Surr)	*98*		*77 - 132*		*06/24/25 09:14*	*1*
Toluene-d8 (Surr)	*84*		*80 - 120*		*06/24/25 09:14*	*1*

Lab Sample ID: LCS 460-1045686/5
Matrix: Water
Analysis Batch: 1045686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	25.1		ug/L		125	72 - 128
1,1,2,2-Tetrachloroethane	20.0	16.0		ug/L		80	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroetha ne	20.0	22.5		ug/L		113	65 - 142
1,1,2-Trichloroethane	20.0	17.9		ug/L		89	74 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1045686/5
Matrix: Water
Analysis Batch: 1045686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	20.0	19.8		ug/L		99	73 - 130
1,1-Dichloroethene	20.0	21.8		ug/L		109	68 - 133
1,2,3-Trichlorobenzene	20.0	18.8		ug/L		94	55 - 150
1,2,4-Trichlorobenzene	20.0	19.7		ug/L		99	67 - 132
1,2,4-Trimethylbenzene	20.0	17.2		ug/L		86	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	16.5		ug/L		83	58 - 132
1,2-Dichlorobenzene	20.0	19.2		ug/L		96	80 - 120
1,2-Dichloroethane	20.0	21.8		ug/L		109	66 - 129
1,2-Dichloropropane	20.0	19.6		ug/L		98	72 - 128
1,3,5-Trimethylbenzene	20.0	17.0		ug/L		85	75 - 125
1,3-Dichlorobenzene	20.0	19.3		ug/L		97	80 - 120
1,4-Dichlorobenzene	20.0	19.5		ug/L		97	80 - 120
2-Butanone (MEK)	100	86.0		ug/L		86	65 - 142
2-Hexanone	100	92.8		ug/L		93	72 - 134
4-Methyl-2-pentanone (MIBK)	100	105		ug/L		105	77 - 130
Acetone	100	103		ug/L		103	60 - 133
Benzene	20.0	17.2		ug/L		86	71 - 126
Bromoform	20.0	15.0		ug/L		75	58 - 128
Bromomethane	20.0	16.5		ug/L		82	33 - 150
Carbon disulfide	20.0	19.6		ug/L		98	35 - 150
Carbon tetrachloride	20.0	25.8		ug/L		129	65 - 131
Chlorobenzene	20.0	18.9		ug/L		95	80 - 120
Chlorobromomethane	20.0	22.5		ug/L		113	71 - 134
Chlorodibromomethane	20.0	18.6		ug/L		93	73 - 121
Chloroethane	20.0	14.6		ug/L		73	54 - 150
Chloroform	20.0	20.7		ug/L		104	78 - 125
Chloromethane	20.0	14.0		ug/L		70	43 - 149
cis-1,2-Dichloroethene	20.0	19.4		ug/L		97	78 - 121
cis-1,3-Dichloropropene	20.0	16.8		ug/L		84	74 - 125
Cyclohexane	20.0	21.9		ug/L		109	64 - 142
Dichlorobromomethane	20.0	19.2		ug/L		96	76 - 121
Dichlorodifluoromethane	20.0	13.2		ug/L		66	38 - 144
Ethylbenzene	20.0	19.1		ug/L		96	78 - 120
Ethylene Dibromide	20.0	19.3		ug/L		97	79 - 126
Isopropylbenzene	20.0	19.6		ug/L		98	79 - 125
Methyl acetate	40.0	37.4		ug/L		94	50 - 147
Methyl tert-butyl ether	20.0	20.3		ug/L		101	72 - 131
Methylcyclohexane	20.0	19.7		ug/L		99	63 - 138
Methylene Chloride	20.0	19.6		ug/L		98	74 - 127
m-Xylene & p-Xylene	20.0	19.0		ug/L		95	78 - 120
n-Butylbenzene	20.0	16.5		ug/L		82	69 - 135
N-Propylbenzene	20.0	16.6		ug/L		83	68 - 129
o-Xylene	20.0	18.6		ug/L		93	78 - 120
sec-Butylbenzene	20.0	17.6		ug/L		88	77 - 129
Styrene	20.0	17.7		ug/L		89	82 - 127
tert-Butylbenzene	20.0	17.8		ug/L		89	78 - 120
Tetrachloroethene	20.0	23.5		ug/L		117	70 - 127
Toluene	20.0	16.8		ug/L		84	78 - 120
trans-1,2-Dichloroethene	20.0	20.1		ug/L		101	70 - 126

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1045686/5
Matrix: Water
Analysis Batch: 1045686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
trans-1,3-Dichloropropene			20.0	17.4		ug/L		87	71 - 127		
Trichloroethene			20.0	17.8		ug/L		89	73 - 121		
Trichlorofluoromethane			20.0	22.9		ug/L		115	62 - 134		
Vinyl chloride			20.0	14.8		ug/L		74	55 - 144		
Xylenes, Total			40.0	37.7		ug/L		94	80 - 120		

Surrogate			*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)			*98*		*70 - 128*
4-Bromofluorobenzene			*104*		*76 - 120*
Dibromofluoromethane (Surr)			*99*		*77 - 132*
Toluene-d8 (Surr)			*83*		*80 - 120*

Lab Sample ID: LCSD 460-1045686/6
Matrix: Water
Analysis Batch: 1045686

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	26.9	*	ug/L		134	72 - 128	7	30
1,1,2,2-Tetrachloroethane			20.0	16.8		ug/L		84	63 - 139	5	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	24.3		ug/L		121	65 - 142	7	30
1,1,2-Trichloroethane			20.0	19.7		ug/L		99	74 - 125	10	30
1,1-Dichloroethane			20.0	20.8		ug/L		104	73 - 130	5	30
1,1-Dichloroethene			20.0	23.4		ug/L		117	68 - 133	7	30
1,2,3-Trichlorobenzene			20.0	20.4		ug/L		102	55 - 150	8	30
1,2,4-Trichlorobenzene			20.0	21.4		ug/L		107	67 - 132	8	30
1,2,4-Trimethylbenzene			20.0	18.6		ug/L		93	75 - 125	8	30
1,2-Dibromo-3-Chloropropane			20.0	18.3		ug/L		92	58 - 132	10	30
1,2-Dichlorobenzene			20.0	20.9		ug/L		105	80 - 120	9	30
1,2-Dichloroethane			20.0	23.9		ug/L		120	66 - 129	9	30
1,2-Dichloropropane			20.0	21.5		ug/L		108	72 - 128	10	30
1,3,5-Trimethylbenzene			20.0	18.3		ug/L		92	75 - 125	8	30
1,3-Dichlorobenzene			20.0	21.0		ug/L		105	80 - 120	8	30
1,4-Dichlorobenzene			20.0	21.0		ug/L		105	80 - 120	8	30
2-Butanone (MEK)			100	91.7		ug/L		92	65 - 142	7	30
2-Hexanone			100	96.3		ug/L		96	72 - 134	4	30
4-Methyl-2-pentanone (MIBK)			100	109		ug/L		109	77 - 130	3	30
Acetone			100	112		ug/L		112	60 - 133	8	30
Benzene			20.0	18.1		ug/L		90	71 - 126	5	30
Bromoform			20.0	16.3		ug/L		81	58 - 128	8	30
Bromomethane			20.0	18.5		ug/L		93	33 - 150	12	30
Carbon disulfide			20.0	21.3		ug/L		107	35 - 150	9	30
Carbon tetrachloride			20.0	27.5	*	ug/L		138	65 - 131	7	30
Chlorobenzene			20.0	20.3		ug/L		101	80 - 120	7	30
Chlorobromomethane			20.0	24.0		ug/L		120	71 - 134	6	30
Chlorodibromomethane			20.0	20.3		ug/L		101	73 - 121	8	30
Chloroethane			20.0	16.0		ug/L		80	54 - 150	9	30
Chloroform			20.0	22.2		ug/L		111	78 - 125	7	30
Chloromethane			20.0	14.3		ug/L		72	43 - 149	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1045686/6
Matrix: Water
Analysis Batch: 1045686

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene			20.0	21.5		ug/L		107	78 - 121	10	30
cis-1,3-Dichloropropene			20.0	18.1		ug/L		90	74 - 125	7	30
Cyclohexane			20.0	23.7		ug/L		118	64 - 142	8	30
Dichlorobromomethane			20.0	21.2		ug/L		106	76 - 121	10	30
Dichlorodifluoromethane			20.0	14.1		ug/L		70	38 - 144	6	30
Ethylbenzene			20.0	20.0		ug/L		100	78 - 120	5	30
Ethylene Dibromide			20.0	20.9		ug/L		105	79 - 126	8	30
Isopropylbenzene			20.0	20.9		ug/L		104	79 - 125	6	30
Methyl acetate			40.0	39.4		ug/L		99	50 - 147	5	30
Methyl tert-butyl ether			20.0	21.7		ug/L		109	72 - 131	7	30
Methylcyclohexane			20.0	21.3		ug/L		106	63 - 138	8	30
Methylene Chloride			20.0	20.7		ug/L		103	74 - 127	5	30
m-Xylene & p-Xylene			20.0	20.4		ug/L		102	78 - 120	7	30
n-Butylbenzene			20.0	18.0		ug/L		90	69 - 135	9	30
N-Propylbenzene			20.0	17.9		ug/L		89	68 - 129	7	30
o-Xylene			20.0	20.2		ug/L		101	78 - 120	8	30
sec-Butylbenzene			20.0	18.6		ug/L		93	77 - 129	6	30
Styrene			20.0	19.1		ug/L		96	82 - 127	8	30
tert-Butylbenzene			20.0	19.4		ug/L		97	78 - 120	9	30
Tetrachloroethene			20.0	25.6	*	ug/L		128	70 - 127	9	30
Toluene			20.0	18.0		ug/L		90	78 - 120	7	30
trans-1,2-Dichloroethene			20.0	21.3		ug/L		106	70 - 126	5	30
trans-1,3-Dichloropropene			20.0	18.8		ug/L		94	71 - 127	8	30
Trichloroethene			20.0	19.2		ug/L		96	73 - 121	8	30
Trichlorofluoromethane			20.0	24.4		ug/L		122	62 - 134	6	30
Vinyl chloride			20.0	15.8		ug/L		79	55 - 144	6	30
Xylenes, Total			40.0	40.6		ug/L		102	80 - 120	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 128*
4-Bromofluorobenzene	*104*		*76 - 120*
Dibromofluoromethane (Surr)	*102*		*77 - 132*
Toluene-d8 (Surr)	*83*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1045291/1-A
Matrix: Solid
Analysis Batch: 1045389

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045291

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		06/21/25 11:49	06/22/25 14:04	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1045291/1-A
Matrix: Solid
Analysis Batch: 1045389

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045291

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		06/21/25 11:49	06/22/25 14:04	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1045291/1-A
Matrix: Solid
Analysis Batch: 1045389

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045291

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Phenol	0.33	U	0.33	0.012	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		06/21/25 11:49	06/22/25 14:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*18 - 137*	*06/21/25 11:49*	*06/22/25 14:04*	*1*
2-Fluorobiphenyl	*72*		*33 - 117*	*06/21/25 11:49*	*06/22/25 14:04*	*1*
2-Fluorophenol (Surr)	*73*		*24 - 120*	*06/21/25 11:49*	*06/22/25 14:04*	*1*
Nitrobenzene-d5 (Surr)	*70*		*27 - 120*	*06/21/25 11:49*	*06/22/25 14:04*	*1*
Phenol-d5 (Surr)	*70*		*28 - 118*	*06/21/25 11:49*	*06/22/25 14:04*	*1*
Terphenyl-d14 (Surr)	*81*		*33 - 124*	*06/21/25 11:49*	*06/22/25 14:04*	*1*

Lab Sample ID: LCS 460-1045291/2-A
Matrix: Solid
Analysis Batch: 1045389

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045291

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.81		mg/Kg		84	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.83		mg/Kg		85	60 - 120
1,4-Dioxane	3.33	1.81		mg/Kg		54	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.49		mg/Kg		75	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	3.24		mg/Kg		97	62 - 120
2,4,5-Trichlorophenol	3.33	3.05		mg/Kg		91	64 - 120
2,4,6-Trichlorophenol	3.33	3.03		mg/Kg		91	65 - 120
2,4-Dichlorophenol	3.33	3.03		mg/Kg		91	66 - 120
2,4-Dimethylphenol	3.33	2.88		mg/Kg		87	75 - 136
2,4-Dinitrophenol	6.67	6.31		mg/Kg		95	41 - 120
2,4-Dinitrotoluene	3.33	3.39		mg/Kg		102	65 - 124
2,6-Dinitrotoluene	3.33	3.22		mg/Kg		96	67 - 121
2-Chloronaphthalene	3.33	2.82		mg/Kg		85	64 - 120
2-Chlorophenol	3.33	2.93		mg/Kg		88	63 - 120
2-Methylnaphthalene	3.33	2.83		mg/Kg		85	56 - 102
2-Methylphenol	3.33	2.99		mg/Kg		90	63 - 120
2-Nitroaniline	3.33	2.50		mg/Kg		75	52 - 120
2-Nitrophenol	3.33	2.92		mg/Kg		88	64 - 120
3 & 4 Methylphenol	3.33	2.80		mg/Kg		84	61 - 120
3,3'-Dichlorobenzidine	3.33	1.87		mg/Kg		56	10 - 106
3-Nitroaniline	3.33	2.20		mg/Kg		66	18 - 105
4,6-Dinitro-2-methylphenol	6.67	7.04		mg/Kg		106	61 - 127

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1045291/2-A
Matrix: Solid
Analysis Batch: 1045389

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045291

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Bromophenyl phenyl ether	3.33	3.28		mg/Kg		98	64 - 120
4-Chloro-3-methylphenol	3.33	3.03		mg/Kg		91	68 - 120
4-Chloroaniline	3.33	1.35		mg/Kg		41	10 - 107
4-Chlorophenyl phenyl ether	3.33	3.06		mg/Kg		92	62 - 120
4-Methylphenol	3.33	2.80		mg/Kg		84	61 - 120
4-Nitroaniline	3.33	2.78		mg/Kg		83	51 - 112
4-Nitrophenol	6.67	5.72		mg/Kg		86	52 - 122
Acenaphthene	3.33	2.85		mg/Kg		85	65 - 120
Acenaphthylene	3.33	2.87		mg/Kg		86	68 - 120
Acetophenone	3.33	2.75		mg/Kg		83	61 - 111
Anthracene	3.33	3.18		mg/Kg		95	67 - 120
Atrazine	1.33	3.45	*	mg/Kg		259	52 - 150
Benzaldehyde	1.33	2.22	*	mg/Kg		167	45 - 150
Benzo[a]anthracene	3.33	3.05		mg/Kg		91	66 - 120
Benzo[a]pyrene	3.33	3.34		mg/Kg		100	69 - 123
Benzo[b]fluoranthene	3.33	3.38		mg/Kg		101	66 - 125
Benzo[g,h,i]perylene	3.33	3.05		mg/Kg		92	66 - 138
Benzo[k]fluoranthene	3.33	3.25		mg/Kg		97	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.72		mg/Kg		82	62 - 120
Bis(2-chloroethyl)ether	3.33	2.88		mg/Kg		86	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	3.18		mg/Kg		96	64 - 125
Butyl benzyl phthalate	3.33	3.17		mg/Kg		95	62 - 127
Caprolactam	1.33	2.98	*	mg/Kg		223	46 - 150
Carbazole	3.33	3.24		mg/Kg		97	64 - 120
Chrysene	3.33	3.01		mg/Kg		90	67 - 120
Dibenz(a,h)anthracene	3.33	3.17		mg/Kg		95	66 - 128
Dibenzofuran	3.33	3.00		mg/Kg		90	61 - 120
Diethyl phthalate	3.33	3.14		mg/Kg		94	63 - 120
Dimethyl phthalate	3.33	3.14		mg/Kg		94	65 - 120
Di-n-butyl phthalate	3.33	3.44		mg/Kg		103	61 - 120
Di-n-octyl phthalate	3.33	3.49		mg/Kg		105	61 - 123
Fluoranthene	3.33	3.33		mg/Kg		100	61 - 120
Fluorene	3.33	3.00		mg/Kg		90	64 - 120
Hexachlorobenzene	3.33	3.26		mg/Kg		98	66 - 120
Hexachlorobutadiene	3.33	2.83		mg/Kg		85	62 - 120
Hexachlorocyclopentadiene	3.33	2.58		mg/Kg		77	32 - 150
Hexachloroethane	3.33	2.71		mg/Kg		81	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	3.17		mg/Kg		95	63 - 137
Isophorone	3.33	2.72		mg/Kg		82	61 - 120
Naphthalene	3.33	2.78		mg/Kg		83	63 - 113
Nitrobenzene	3.33	2.80		mg/Kg		84	63 - 120
N-Nitrosodi-n-propylamine	3.33	2.78		mg/Kg		83	60 - 120
N-Nitrosodiphenylamine	3.33	3.10		mg/Kg		93	63 - 120
Pentachlorophenol	6.67	6.51		mg/Kg		98	61 - 126
Phenanthrene	3.33	3.13		mg/Kg		94	66 - 120
Phenol	3.33	2.94		mg/Kg		88	63 - 120
Pyrene	3.33	3.03		mg/Kg		91	61 - 121

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1045291/2-A
Matrix: Solid
Analysis Batch: 1045389

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045291

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	94		18 - 137
2-Fluorobiphenyl	81		33 - 117
2-Fluorophenol (Surr)	81		24 - 120
Nitrobenzene-d5 (Surr)	75		27 - 120
Phenol-d5 (Surr)	80		28 - 118
Terphenyl-d14 (Surr)	83		33 - 124

Lab Sample ID: LCSD 460-1045291/3-A
Matrix: Solid
Analysis Batch: 1045389

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1045291

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	2.85		mg/Kg		85	64 - 120	1	30
1,2,4,5-Tetrachlorobenzene			3.33	2.89		mg/Kg		87	60 - 120	2	30
1,4-Dioxane			3.33	1.79		mg/Kg		54	31 - 105	1	30
2,2'-oxybis[1-chloropropane]			3.33	2.42		mg/Kg		72	50 - 126	3	30
2,3,4,6-Tetrachlorophenol			3.33	3.26		mg/Kg		98	62 - 120	1	30
2,4,5-Trichlorophenol			3.33	3.12		mg/Kg		94	64 - 120	2	30
2,4,6-Trichlorophenol			3.33	3.08		mg/Kg		92	65 - 120	2	30
2,4-Dichlorophenol			3.33	3.05		mg/Kg		91	66 - 120	1	30
2,4-Dimethylphenol			3.33	2.90		mg/Kg		87	75 - 136	0	30
2,4-Dinitrophenol			6.67	6.27		mg/Kg		94	41 - 120	1	30
2,4-Dinitrotoluene			3.33	3.42		mg/Kg		102	65 - 124	1	30
2,6-Dinitrotoluene			3.33	3.25		mg/Kg		98	67 - 121	1	30
2-Chloronaphthalene			3.33	2.84		mg/Kg		85	64 - 120	1	30
2-Chlorophenol			3.33	2.89		mg/Kg		87	63 - 120	1	30
2-Methylnaphthalene			3.33	2.85		mg/Kg		86	56 - 102	1	30
2-Methylphenol			3.33	2.90		mg/Kg		87	63 - 120	3	30
2-Nitroaniline			3.33	2.53		mg/Kg		76	52 - 120	1	30
2-Nitrophenol			3.33	2.96		mg/Kg		89	64 - 120	1	30
3 & 4 Methylphenol			3.33	2.78		mg/Kg		83	61 - 120	1	30
3,3'-Dichlorobenzidine			3.33	1.91		mg/Kg		57	10 - 106	2	30
3-Nitroaniline			3.33	2.19		mg/Kg		66	18 - 105	0	30
4,6-Dinitro-2-methylphenol			6.67	7.10		mg/Kg		107	61 - 127	1	30
4-Bromophenyl phenyl ether			3.33	3.32		mg/Kg		100	64 - 120	1	30
4-Chloro-3-methylphenol			3.33	3.03		mg/Kg		91	68 - 120	0	30
4-Chloroaniline			3.33	1.40		mg/Kg		42	10 - 107	3	30
4-Chlorophenyl phenyl ether			3.33	3.13		mg/Kg		94	62 - 120	2	30
4-Methylphenol			3.33	2.78		mg/Kg		83	61 - 120	1	30
4-Nitroaniline			3.33	2.86		mg/Kg		86	51 - 112	3	30
4-Nitrophenol			6.67	6.17		mg/Kg		93	52 - 122	8	30
Acenaphthene			3.33	2.88		mg/Kg		86	65 - 120	1	30
Acenaphthylene			3.33	2.91		mg/Kg		87	68 - 120	1	30
Acetophenone			3.33	2.73		mg/Kg		82	61 - 111	1	30
Anthracene			3.33	3.21		mg/Kg		96	67 - 120	1	30
Atrazine			1.33	3.40	*	mg/Kg		255	52 - 150	2	30
Benzaldehyde			1.33	2.20	*	mg/Kg		165	45 - 150	1	30
Benzo[a]anthracene			3.33	3.03		mg/Kg		91	66 - 120	0	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1045291/3-A
Matrix: Solid
Analysis Batch: 1045389

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1045291

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]pyrene			3.33	3.37		mg/Kg		101	69 - 123	1	30
Benzo[b]fluoranthene			3.33	3.26		mg/Kg		98	66 - 125	3	30
Benzo[g,h,i]perylene			3.33	3.13		mg/Kg		94	66 - 138	3	30
Benzo[k]fluoranthene			3.33	3.35		mg/Kg		101	67 - 122	3	30
Bis(2-chloroethoxy)methane			3.33	2.73		mg/Kg		82	62 - 120	0	30
Bis(2-chloroethyl)ether			3.33	2.89		mg/Kg		87	60 - 120	0	30
Bis(2-ethylhexyl) phthalate			3.33	3.14		mg/Kg		94	64 - 125	1	30
Butyl benzyl phthalate			3.33	3.12		mg/Kg		94	62 - 127	1	30
Caprolactam			1.33	3.02	*	mg/Kg		226	46 - 150	1	30
Carbazole			3.33	3.28		mg/Kg		98	64 - 120	1	30
Chrysene			3.33	3.02		mg/Kg		91	67 - 120	0	30
Dibenz(a,h)anthracene			3.33	3.25		mg/Kg		98	66 - 128	3	30
Dibenzofuran			3.33	3.02		mg/Kg		91	61 - 120	1	30
Diethyl phthalate			3.33	3.15		mg/Kg		95	63 - 120	0	30
Dimethyl phthalate			3.33	3.14		mg/Kg		94	65 - 120	0	30
Di-n-butyl phthalate			3.33	3.49		mg/Kg		105	61 - 120	1	30
Di-n-octyl phthalate			3.33	3.43		mg/Kg		103	61 - 123	2	30
Fluoranthene			3.33	3.35		mg/Kg		101	61 - 120	1	30
Fluorene			3.33	3.04		mg/Kg		91	64 - 120	1	30
Hexachlorobenzene			3.33	3.29		mg/Kg		99	66 - 120	1	30
Hexachlorobutadiene			3.33	2.82		mg/Kg		84	62 - 120	0	30
Hexachlorocyclopentadiene			3.33	2.61		mg/Kg		78	32 - 150	1	30
Hexachloroethane			3.33	2.66		mg/Kg		80	61 - 112	2	30
Indeno[1,2,3-cd]pyrene			3.33	3.28		mg/Kg		98	63 - 137	4	30
Isophorone			3.33	2.73		mg/Kg		82	61 - 120	0	30
Naphthalene			3.33	2.80		mg/Kg		84	63 - 113	1	30
Nitrobenzene			3.33	2.75		mg/Kg		83	63 - 120	2	30
N-Nitrosodi-n-propylamine			3.33	2.73		mg/Kg		82	60 - 120	2	30
N-Nitrosodiphenylamine			3.33	3.09		mg/Kg		93	63 - 120	0	30
Pentachlorophenol			6.67	6.51		mg/Kg		98	61 - 126	0	30
Phenanthrene			3.33	3.19		mg/Kg		96	66 - 120	2	30
Phenol			3.33	2.86		mg/Kg		86	63 - 120	3	30
Pyrene			3.33	3.01		mg/Kg		90	61 - 121	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*95*		*18 - 137*
2-Fluorobiphenyl	*82*		*33 - 117*
2-Fluorophenol (Surr)	*81*		*24 - 120*
Nitrobenzene-d5 (Surr)	*76*		*27 - 120*
Phenol-d5 (Surr)	*79*		*28 - 118*
Terphenyl-d14 (Surr)	*82*		*33 - 124*

Lab Sample ID: 460-328151-E-6-K MS
Matrix: Solid
Analysis Batch: 1045389

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1045291

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1'-Biphenyl	0.35	U	3.48	2.49		mg/Kg	☼	72	64 - 120		

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-328151-E-6-K MS
Matrix: Solid
Analysis Batch: 1045389

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1045291

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4,5-Tetrachlorobenzene	0.35	U	3.48	2.48		mg/Kg	☼	71	60 - 120
1,4-Dioxane	0.035	U	3.48	1.63		mg/Kg	☼	47	31 - 105
2,2'-oxybis[1-chloropropane]	0.35	U	3.48	2.15		mg/Kg	☼	62	50 - 126
2,3,4,6-Tetrachlorophenol	0.35	U	3.48	1.82	*	mg/Kg	☼	52	62 - 120
2,4,5-Trichlorophenol	0.35	U	3.48	2.63		mg/Kg	☼	76	64 - 120
2,4,6-Trichlorophenol	0.14	U	3.48	2.31		mg/Kg	☼	67	65 - 120
2,4-Dichlorophenol	0.14	U	3.48	2.71		mg/Kg	☼	78	66 - 120
2,4-Dimethylphenol	0.35	U	3.48	2.57	*	mg/Kg	☼	74	75 - 136
2,4-Dinitrophenol	0.28	U	6.95	0.858	*	mg/Kg	☼	12	41 - 120
2,4-Dinitrotoluene	0.070	U	3.48	2.94		mg/Kg	☼	85	65 - 124
2,6-Dinitrotoluene	0.070	U	3.48	2.84		mg/Kg	☼	82	67 - 121
2-Chloronaphthalene	0.35	U	3.48	2.46		mg/Kg	☼	71	64 - 120
2-Chlorophenol	0.35	U	3.48	2.61		mg/Kg	☼	75	63 - 120
2-Methylnaphthalene	0.35	U	3.48	2.55		mg/Kg	☼	73	56 - 102
2-Methylphenol	0.35	U	3.48	2.74		mg/Kg	☼	79	63 - 120
2-Nitroaniline	0.35	U	3.48	2.17		mg/Kg	☼	62	52 - 120
2-Nitrophenol	0.35	U	3.48	2.45		mg/Kg	☼	70	64 - 120
3 & 4 Methylphenol	0.35	U	3.48	2.68		mg/Kg	☼	77	61 - 120
3,3'-Dichlorobenzidine	0.14	U	3.48	2.15		mg/Kg	☼	62	10 - 106
3-Nitroaniline	0.35	U	3.48	2.25		mg/Kg	☼	65	18 - 105
4,6-Dinitro-2-methylphenol	0.28	U	6.95	1.72	*	mg/Kg	☼	25	61 - 127
4-Bromophenyl phenyl ether	0.35	U	3.48	2.87		mg/Kg	☼	83	64 - 120
4-Chloro-3-methylphenol	0.35	U	3.48	2.83		mg/Kg	☼	81	68 - 120
4-Chloroaniline	0.35	U	3.48	1.83		mg/Kg	☼	53	10 - 107
4-Chlorophenyl phenyl ether	0.35	U	3.48	2.78		mg/Kg	☼	80	62 - 120
4-Methylphenol	0.35	U	3.48	2.68		mg/Kg	☼	77	61 - 120
4-Nitroaniline	0.35	U	3.48	2.44		mg/Kg	☼	70	51 - 112
4-Nitrophenol	0.70	U	6.95	4.87		mg/Kg	☼	70	52 - 122
Acenaphthene	0.017	J	3.48	2.64		mg/Kg	☼	75	65 - 120
Acenaphthylene	0.10	J	3.48	2.69		mg/Kg	☼	75	68 - 120
Acetophenone	0.35	U	3.48	2.52		mg/Kg	☼	72	61 - 111
Anthracene	0.12	J	3.48	2.89		mg/Kg	☼	80	67 - 120
Atrazine	0.14	U *	1.39	1.68		mg/Kg	☼	121	52 - 150
Benzaldehyde	0.35	U *	1.39	1.27	E	mg/Kg	☼	91	45 - 150
Benzo[a]anthracene	0.66		3.48	3.37		mg/Kg	☼	78	66 - 120
Benzo[a]pyrene	0.72		3.48	3.69		mg/Kg	☼	85	69 - 123
Benzo[b]fluoranthene	0.83		3.48	3.72		mg/Kg	☼	83	66 - 125
Benzo[g,h,i]perylene	0.55		3.48	3.36		mg/Kg	☼	81	66 - 138
Benzo[k]fluoranthene	0.29		3.48	3.16		mg/Kg	☼	82	67 - 122
Bis(2-chloroethoxy)methane	0.35	U	3.48	2.30		mg/Kg	☼	66	62 - 120
Bis(2-chloroethyl)ether	0.035	U	3.48	2.45		mg/Kg	☼	71	60 - 120
Bis(2-ethylhexyl) phthalate	0.031	J	3.48	2.76		mg/Kg	☼	78	64 - 125
Butyl benzyl phthalate	0.35	U	3.48	2.67		mg/Kg	☼	77	62 - 127
Caprolactam	0.35	U *	1.39	1.42		mg/Kg	☼	102	46 - 150
Carbazole	0.029	J	3.48	2.83		mg/Kg	☼	81	64 - 120
Chrysene	0.74		3.48	3.35		mg/Kg	☼	75	67 - 120
Dibenz(a,h)anthracene	0.15		3.48	3.12		mg/Kg	☼	85	66 - 128
Dibenzofuran	0.35	U	3.48	2.71		mg/Kg	☼	78	61 - 120
Diethyl phthalate	0.35	U	3.48	2.74		mg/Kg	☼	79	63 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-328151-E-6-K MS
Matrix: Solid
Analysis Batch: 1045389

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1045291

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethyl phthalate	0.35	U	3.48	2.74		mg/Kg	☼	79	65 - 120
Di-n-butyl phthalate	0.35	U	3.48	3.00		mg/Kg	☼	86	61 - 120
Di-n-octyl phthalate	0.35	U	3.48	2.89		mg/Kg	☼	83	61 - 123
Fluoranthene	1.0		3.48	3.95		mg/Kg	☼	85	61 - 120
Fluorene	0.015	J	3.48	2.76		mg/Kg	☼	79	64 - 120
Hexachlorobenzene	0.035	U	3.48	2.81		mg/Kg	☼	81	66 - 120
Hexachlorobutadiene	0.070	U	3.48	2.44		mg/Kg	☼	70	62 - 120
Hexachlorocyclopentadiene	0.35	U	3.48	1.61		mg/Kg	☼	46	32 - 150
Hexachloroethane	0.035	U	3.48	2.37		mg/Kg	☼	68	61 - 112
Indeno[1,2,3-cd]pyrene	0.50		3.48	3.49		mg/Kg	☼	86	63 - 137
Isophorone	0.14	U	3.48	2.33		mg/Kg	☼	67	61 - 120
Naphthalene	0.014	J	3.48	2.46		mg/Kg	☼	70	63 - 113
Nitrobenzene	0.035	U	3.48	2.54		mg/Kg	☼	73	63 - 120
N-Nitrosodi-n-propylamine	0.035	U	3.48	2.46		mg/Kg	☼	71	60 - 120
N-Nitrosodiphenylamine	0.35	U	3.48	2.68		mg/Kg	☼	77	63 - 120
Pentachlorophenol	0.28	U	6.95	1.97	*	mg/Kg	☼	28	61 - 126
Phenanthrene	0.33	J	3.48	3.14		mg/Kg	☼	81	66 - 120
Phenol	0.35	U	3.48	2.66		mg/Kg	☼	77	63 - 120
Pyrene	1.1		3.48	3.73		mg/Kg	☼	75	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*70*		*18 - 137*
2-Fluorobiphenyl	*67*		*33 - 117*
2-Fluorophenol (Surr)	*67*		*24 - 120*
Nitrobenzene-d5 (Surr)	*60*		*27 - 120*
Phenol-d5 (Surr)	*69*		*28 - 118*
Terphenyl-d14 (Surr)	*70*		*33 - 124*

Lab Sample ID: 460-328151-E-6-L MSD
Matrix: Solid
Analysis Batch: 1045487

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1045291

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.35	U	3.49	2.30		mg/Kg	☼	66	64 - 120	8	30
1,2,4,5-Tetrachlorobenzene	0.35	U	3.49	2.39		mg/Kg	☼	68	60 - 120	4	30
1,4-Dioxane	0.035	U	3.49	1.58		mg/Kg	☼	45	31 - 105	3	30
2,2'-oxybis[1-chloropropane]	0.35	U	3.49	1.92		mg/Kg	☼	55	50 - 126	11	30
2,3,4,6-Tetrachlorophenol	0.35	U	3.49	1.37		mg/Kg	☼	39	62 - 120	28	30
2,4,5-Trichlorophenol	0.35	U	3.49	2.11		mg/Kg	☼	60	64 - 120	22	30
2,4,6-Trichlorophenol	0.14	U	3.49	1.92		mg/Kg	☼	55	65 - 120	19	30
2,4-Dichlorophenol	0.14	U	3.49	2.28		mg/Kg	☼	65	66 - 120	17	30
2,4-Dimethylphenol	0.35	U	3.49	2.28		mg/Kg	☼	65	75 - 136	12	30
2,4-Dinitrophenol	0.28	U	6.97	0.274	J	mg/Kg	☼	4	41 - 120	103	30
2,4-Dinitrotoluene	0.070	U	3.49	2.26		mg/Kg	☼	65	65 - 124	26	30
2,6-Dinitrotoluene	0.070	U	3.49	2.28		mg/Kg	☼	65	67 - 121	22	30
2-Chloronaphthalene	0.35	U	3.49	2.25		mg/Kg	☼	65	64 - 120	9	30
2-Chlorophenol	0.35	U	3.49	2.22		mg/Kg	☼	64	63 - 120	16	30
2-Methylnaphthalene	0.35	U	3.49	2.23		mg/Kg	☼	64	56 - 102	13	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-328151-E-6-L MSD
Matrix: Solid
Analysis Batch: 1045487

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1045291

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Methylphenol	0.35	U	3.49	2.26		mg/Kg	☼	65	63 - 120	19	30
2-Nitroaniline	0.35	U	3.49	1.89		mg/Kg	☼	54	52 - 120	14	30
2-Nitrophenol	0.35	U	3.49	2.07		mg/Kg	☼	59	64 - 120	17	30
3 & 4 Methylphenol	0.35	U	3.49	2.14		mg/Kg	☼	61	61 - 120	22	30
3,3'-Dichlorobenzidine	0.14	U	3.49	1.81		mg/Kg	☼	52	10 - 106	17	30
3-Nitroaniline	0.35	U	3.49	2.00		mg/Kg	☼	58	18 - 105	12	30
4,6-Dinitro-2-methylphenol	0.28	U	6.97	0.310		mg/Kg	☼	4	61 - 127	139	30
4-Bromophenyl phenyl ether	0.35	U	3.49	2.48		mg/Kg	☼	71	64 - 120	15	30
4-Chloro-3-methylphenol	0.35	U	3.49	2.21		mg/Kg	☼	64	68 - 120	24	30
4-Chloroaniline	0.35	U	3.49	1.66		mg/Kg	☼	47	10 - 107	10	30
4-Chlorophenyl phenyl ether	0.35	U	3.49	2.29		mg/Kg	☼	66	62 - 120	19	30
4-Methylphenol	0.35	U	3.49	2.14		mg/Kg	☼	61	61 - 120	22	30
4-Nitroaniline	0.35	U	3.49	1.93		mg/Kg	☼	56	51 - 112	23	30
4-Nitrophenol	0.70	U	6.97	3.67		mg/Kg	☼	53	52 - 122	28	30
Acenaphthene	0.017	J	3.49	2.25		mg/Kg	☼	64	65 - 120	16	30
Acenaphthylene	0.10	J	3.49	2.34		mg/Kg	☼	64	68 - 120	14	30
Acetophenone	0.35	U	3.49	2.18		mg/Kg	☼	63	61 - 111	14	30
Anthracene	0.12	J	3.49	2.40		mg/Kg	☼	66	67 - 120	19	30
Atrazine	0.14	U *	1.39	1.46		mg/Kg	☼	105	52 - 150	14	30
Benzaldehyde	0.35	U *	1.39	1.29	E	mg/Kg	☼	93	45 - 150	2	30
Benzo[a]anthracene	0.66		3.49	2.84		mg/Kg	☼	63	66 - 120	17	30
Benzo[a]pyrene	0.72		3.49	3.03		mg/Kg	☼	66	69 - 123	20	30
Benzo[b]fluoranthene	0.83		3.49	3.18		mg/Kg	☼	67	66 - 125	16	30
Benzo[g,h,i]perylene	0.55		3.49	2.29		mg/Kg	☼	50	66 - 138	38	30
Benzo[k]fluoranthene	0.29		3.49	2.62		mg/Kg	☼	67	67 - 122	19	30
Bis(2-chloroethoxy)methane	0.35	U	3.49	2.15		mg/Kg	☼	62	62 - 120	7	30
Bis(2-chloroethyl)ether	0.035	U	3.49	2.18		mg/Kg	☼	63	60 - 120	12	30
Bis(2-ethylhexyl) phthalate	0.031	J	3.49	2.36		mg/Kg	☼	67	64 - 125	16	30
Butyl benzyl phthalate	0.35	U	3.49	2.29		mg/Kg	☼	66	62 - 127	15	30
Caprolactam	0.35	U *	1.39	1.20		mg/Kg	☼	86	46 - 150	17	30
Carbazole	0.029	J	3.49	2.34		mg/Kg	☼	66	64 - 120	19	30
Chrysene	0.74		3.49	2.78		mg/Kg	☼	58	67 - 120	19	30
Dibenz(a,h)anthracene	0.15		3.49	2.22		mg/Kg	☼	59	66 - 128	34	30
Dibenzofuran	0.35	U	3.49	2.27		mg/Kg	☼	65	61 - 120	17	30
Diethyl phthalate	0.35	U	3.49	2.27		mg/Kg	☼	65	63 - 120	19	30
Dimethyl phthalate	0.35	U	3.49	2.36		mg/Kg	☼	68	65 - 120	15	30
Di-n-butyl phthalate	0.35	U	3.49	2.44		mg/Kg	☼	70	61 - 120	21	30
Di-n-octyl phthalate	0.35	U	3.49	2.77		mg/Kg	☼	79	61 - 123	4	30
Fluoranthene	1.0		3.49	3.30		mg/Kg	☼	66	61 - 120	18	30
Fluorene	0.015	J	3.49	2.23		mg/Kg	☼	64	64 - 120	21	30
Hexachlorobenzene	0.035	U	3.49	2.39		mg/Kg	☼	69	66 - 120	16	30
Hexachlorobutadiene	0.070	U	3.49	2.30		mg/Kg	☼	66	62 - 120	6	30
Hexachlorocyclopentadiene	0.35	U	3.49	0.543		mg/Kg	☼	16	32 - 150	99	30
Hexachloroethane	0.035	U	3.49	1.87		mg/Kg	☼	54	61 - 112	23	30
Indeno[1,2,3-cd]pyrene	0.50		3.49	2.46		mg/Kg	☼	56	63 - 137	35	30
Isophorone	0.14	U	3.49	2.15		mg/Kg	☼	62	61 - 120	8	30
Naphthalene	0.014	J	3.49	2.27		mg/Kg	☼	65	63 - 113	8	30
Nitrobenzene	0.035	U	3.49	2.18		mg/Kg	☼	63	63 - 120	15	30
N-Nitrosodi-n-propylamine	0.035	U	3.49	2.10		mg/Kg	☼	60	60 - 120	16	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-328151-E-6-L MSD
Matrix: Solid
Analysis Batch: 1045487

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1045291

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-Nitrosodiphenylamine	0.35	U	3.49	2.35		mg/Kg	☼	67	63 - 120	13	30
Pentachlorophenol	0.28	U	6.97	1.51		mg/Kg	☼	22	61 - 126	27	30
Phenanthrene	0.33	J	3.49	2.63		mg/Kg	☼	66	66 - 120	18	30
Phenol	0.35	U	3.49	2.26		mg/Kg	☼	65	63 - 120	16	30
Pyrene	1.1		3.49	3.35		mg/Kg	☼	64	61 - 121	11	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*51*		*18 - 137*
2-Fluorobiphenyl	*62*		*33 - 117*
2-Fluorophenol (Surr)	*58*		*24 - 120*
Nitrobenzene-d5 (Surr)	*56*		*27 - 120*
Phenol-d5 (Surr)	*57*		*28 - 118*
Terphenyl-d14 (Surr)	*59*		*33 - 124*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1044895/1-A
Matrix: Solid
Analysis Batch: 1044944

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1044895

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		06/19/25 18:22	06/20/25 08:39	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1044895/1-A
Matrix: Solid
Analysis Batch: 1044944

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1044895

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		06/19/25 18:22	06/20/25 08:39	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		06/19/25 18:22	06/20/25 08:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*112*		*10 - 150*	*06/19/25 18:22*	*06/20/25 08:39*	*1*
DCB Decachlorobiphenyl	*124*		*10 - 150*	*06/19/25 18:22*	*06/20/25 08:39*	*1*
Tetrachloro-m-xylene	*97*		*14 - 150*	*06/19/25 18:22*	*06/20/25 08:39*	*1*
Tetrachloro-m-xylene	*100*		*14 - 150*	*06/19/25 18:22*	*06/20/25 08:39*	*1*

Lab Sample ID: LCS 460-1044895/2-A
Matrix: Solid
Analysis Batch: 1044944

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1044895

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.133	0.126		mg/Kg		95	71 - 134
4,4'-DDD	0.133	0.125		mg/Kg		94	71 - 134
4,4'-DDE	0.133	0.133		mg/Kg		100	71 - 137
4,4'-DDE	0.133	0.122		mg/Kg		92	71 - 137
4,4'-DDT	0.133	0.133		mg/Kg		100	69 - 140
4,4'-DDT	0.133	0.129		mg/Kg		97	69 - 140
Aldrin	0.133	0.123		mg/Kg		92	68 - 136
Aldrin	0.133	0.122		mg/Kg		92	68 - 136
alpha-BHC	0.133	0.129		mg/Kg		97	71 - 136
alpha-BHC	0.133	0.127		mg/Kg		95	71 - 136
beta-BHC	0.133	0.123		mg/Kg		92	67 - 133
beta-BHC	0.133	0.120		mg/Kg		90	67 - 133
cis-Chlordane	0.133	0.131		mg/Kg		99	70 - 140
cis-Chlordane	0.133	0.127		mg/Kg		95	70 - 140
delta-BHC	0.133	0.122		mg/Kg		92	70 - 135
delta-BHC	0.133	0.125		mg/Kg		93	70 - 135
Dieldrin	0.133	0.130		mg/Kg		98	71 - 135
Dieldrin	0.133	0.124		mg/Kg		93	71 - 135
Endosulfan I	0.133	0.131		mg/Kg		98	70 - 141
Endosulfan I	0.133	0.129		mg/Kg		97	70 - 141
Endosulfan II	0.133	0.136		mg/Kg		102	75 - 141
Endosulfan II	0.133	0.134		mg/Kg		101	75 - 141

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1044895/2-A
Matrix: Solid
Analysis Batch: 1044944

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1044895

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Endosulfan sulfate			0.133	0.125		mg/Kg		94	67 - 130		
Endosulfan sulfate			0.133	0.115		mg/Kg		86	67 - 130		
Endrin			0.133	0.123		mg/Kg		92	66 - 143		
Endrin			0.133	0.121		mg/Kg		90	66 - 143		
Endrin aldehyde			0.133	0.127		mg/Kg		95	70 - 132		
Endrin aldehyde			0.133	0.122		mg/Kg		92	70 - 132		
Endrin ketone			0.133	0.133		mg/Kg		100	66 - 137		
Endrin ketone			0.133	0.122		mg/Kg		92	66 - 137		
gamma-BHC (Lindane)			0.133	0.126		mg/Kg		95	71 - 137		
gamma-BHC (Lindane)			0.133	0.125		mg/Kg		94	71 - 137		
Heptachlor			0.133	0.127		mg/Kg		96	70 - 140		
Heptachlor			0.133	0.126		mg/Kg		94	70 - 140		
Heptachlor epoxide			0.133	0.127		mg/Kg		96	70 - 135		
Heptachlor epoxide			0.133	0.123		mg/Kg		93	70 - 135		
Methoxychlor			0.133	0.129		mg/Kg		97	63 - 138		
Methoxychlor			0.133	0.118		mg/Kg		89	63 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*87*		*10 - 150*
DCB Decachlorobiphenyl	*101*		*10 - 150*
Tetrachloro-m-xylene	*75*		*14 - 150*
Tetrachloro-m-xylene	*81*		*14 - 150*

Lab Sample ID: LCSD 460-1044895/3-A
Matrix: Solid
Analysis Batch: 1044944

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1044895

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.133		mg/Kg		100	71 - 134	5	30
4,4'-DDD			0.133	0.130		mg/Kg		98	71 - 134	4	30
4,4'-DDE			0.133	0.141		mg/Kg		106	71 - 137	6	30
4,4'-DDE			0.133	0.129		mg/Kg		97	71 - 137	5	30
4,4'-DDT			0.133	0.143		mg/Kg		107	69 - 140	7	30
4,4'-DDT			0.133	0.135		mg/Kg		101	69 - 140	5	30
Aldrin			0.133	0.129		mg/Kg		97	68 - 136	5	30
Aldrin			0.133	0.129		mg/Kg		97	68 - 136	5	30
alpha-BHC			0.133	0.137		mg/Kg		103	71 - 136	6	30
alpha-BHC			0.133	0.134		mg/Kg		101	71 - 136	6	30
beta-BHC			0.133	0.129		mg/Kg		97	67 - 133	5	30
beta-BHC			0.133	0.127		mg/Kg		95	67 - 133	6	30
cis-Chlordane			0.133	0.139		mg/Kg		104	70 - 140	5	30
cis-Chlordane			0.133	0.134		mg/Kg		100	70 - 140	5	30
delta-BHC			0.133	0.129		mg/Kg		97	70 - 135	6	30
delta-BHC			0.133	0.132		mg/Kg		99	70 - 135	6	30
Dieldrin			0.133	0.139		mg/Kg		104	71 - 135	7	30
Dieldrin			0.133	0.131		mg/Kg		98	71 - 135	5	30
Endosulfan I			0.133	0.138		mg/Kg		104	70 - 141	5	30
Endosulfan I			0.133	0.136		mg/Kg		102	70 - 141	5	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1044895/3-A
Matrix: Solid
Analysis Batch: 1044944

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1044895

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endosulfan II			0.133	0.144		mg/Kg		108	75 - 141	6	30
Endosulfan II			0.133	0.138		mg/Kg		103	75 - 141	3	30
Endosulfan sulfate			0.133	0.133		mg/Kg		100	67 - 130	7	30
Endosulfan sulfate			0.133	0.121		mg/Kg		91	67 - 130	5	30
Endrin			0.133	0.130		mg/Kg		98	66 - 143	6	30
Endrin			0.133	0.127		mg/Kg		95	66 - 143	5	30
Endrin aldehyde			0.133	0.137		mg/Kg		103	70 - 132	8	30
Endrin aldehyde			0.133	0.128		mg/Kg		96	70 - 132	5	30
Endrin ketone			0.133	0.140		mg/Kg		105	66 - 137	5	30
Endrin ketone			0.133	0.129		mg/Kg		97	66 - 137	5	30
gamma-BHC (Lindane)			0.133	0.134		mg/Kg		100	71 - 137	6	30
gamma-BHC (Lindane)			0.133	0.132		mg/Kg		99	71 - 137	6	30
Heptachlor			0.133	0.134		mg/Kg		101	70 - 140	5	30
Heptachlor			0.133	0.133		mg/Kg		99	70 - 140	5	30
Heptachlor epoxide			0.133	0.134		mg/Kg		100	70 - 135	5	30
Heptachlor epoxide			0.133	0.130		mg/Kg		97	70 - 135	5	30
Methoxychlor			0.133	0.135		mg/Kg		101	63 - 138	5	30
Methoxychlor			0.133	0.123		mg/Kg		93	63 - 138	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*89*		*10 - 150*
DCB Decachlorobiphenyl	*98*		*10 - 150*
Tetrachloro-m-xylene	*77*		*14 - 150*
Tetrachloro-m-xylene	*84*		*14 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1044879/1-A
Matrix: Solid
Analysis Batch: 1045162

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1044879

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		06/19/25 18:13	06/20/25 21:41	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		06/19/25 18:13	06/20/25 21:41	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		06/19/25 18:13	06/20/25 21:41	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		06/19/25 18:13	06/20/25 21:41	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		06/19/25 18:13	06/20/25 21:41	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		06/19/25 18:13	06/20/25 21:41	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		06/19/25 18:13	06/20/25 21:41	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		06/19/25 18:13	06/20/25 21:41	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		06/19/25 18:13	06/20/25 21:41	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		06/19/25 18:13	06/20/25 21:41	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		06/19/25 18:13	06/20/25 21:41	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		06/19/25 18:13	06/20/25 21:41	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		06/19/25 18:13	06/20/25 21:41	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		06/19/25 18:13	06/20/25 21:41	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		06/19/25 18:13	06/20/25 21:41	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		06/19/25 18:13	06/20/25 21:41	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		06/19/25 18:13	06/20/25 21:41	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-1044879/1-A
Matrix: Solid
Analysis Batch: 1045162

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1044879

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		06/19/25 18:13	06/20/25 21:41	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		06/19/25 18:13	06/20/25 21:41	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		06/19/25 18:13	06/20/25 21:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*108*		*10 - 150*	*06/19/25 18:13*	*06/20/25 21:41*	*1*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*06/19/25 18:13*	*06/20/25 21:41*	*1*
Tetrachloro-m-xylene	*91*		*10 - 150*	*06/19/25 18:13*	*06/20/25 21:41*	*1*
Tetrachloro-m-xylene	*101*		*10 - 150*	*06/19/25 18:13*	*06/20/25 21:41*	*1*

Lab Sample ID: LCS 460-1044879/2-A
Matrix: Solid
Analysis Batch: 1045162

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1044879

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016			0.333	0.352		mg/Kg		106	59 - 149		
Aroclor 1016			0.333	0.337		mg/Kg		101	59 - 149		
Aroclor 1260			0.333	0.373		mg/Kg		112	62 - 145		
Aroclor 1260			0.333	0.357		mg/Kg		107	62 - 145		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*107*		*10 - 150*
DCB Decachlorobiphenyl	*113*		*10 - 150*
Tetrachloro-m-xylene	*90*		*10 - 150*
Tetrachloro-m-xylene	*101*		*10 - 150*

Lab Sample ID: LCSD 460-1044879/3-A
Matrix: Solid
Analysis Batch: 1045162

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1044879

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.360		mg/Kg		108	59 - 149	2	30
Aroclor 1016			0.333	0.345		mg/Kg		104	59 - 149	2	30
Aroclor 1260			0.333	0.380		mg/Kg		114	62 - 145	2	30
Aroclor 1260			0.333	0.366		mg/Kg		110	62 - 145	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*108*		*10 - 150*
DCB Decachlorobiphenyl	*115*		*10 - 150*
Tetrachloro-m-xylene	*92*		*10 - 150*
Tetrachloro-m-xylene	*103*		*10 - 150*

Lab Sample ID: 460-328555-C-1-B MS
Matrix: Solid
Analysis Batch: 1045162

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1044879

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016	0.081	U	0.405	0.514		mg/Kg	☼	127	59 - 149		

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 460-328555-C-1-B MS
Matrix: Solid
Analysis Batch: 1045162

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1044879

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.081	U	0.405	0.472		mg/Kg	☼	116	59 - 149
Aroclor 1260	0.081	U	0.405	0.504		mg/Kg	☼	124	62 - 145
Aroclor 1260	0.081	U	0.405	0.489		mg/Kg	☼	121	62 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*117*		*10 - 150*
DCB Decachlorobiphenyl	*124*		*10 - 150*
Tetrachloro-m-xylene	*100*		*10 - 150*
Tetrachloro-m-xylene	*111*		*10 - 150*

Lab Sample ID: 460-328555-C-1-C MSD
Matrix: Solid
Analysis Batch: 1045162

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1044879

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.081	U	0.405	0.471		mg/Kg	☼	116	59 - 149	9	30
Aroclor 1016	0.081	U	0.405	0.434		mg/Kg	☼	107	59 - 149	8	30
Aroclor 1260	0.081	U	0.405	0.475		mg/Kg	☼	117	62 - 145	6	30
Aroclor 1260	0.081	U	0.405	0.453		mg/Kg	☼	112	62 - 145	7	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*111*		*10 - 150*
DCB Decachlorobiphenyl	*118*		*10 - 150*
Tetrachloro-m-xylene	*95*		*10 - 150*
Tetrachloro-m-xylene	*106*		*10 - 150*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 460-1044976/1-A
Matrix: Solid
Analysis Batch: 1045492

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1044976

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg		06/20/25 06:37	06/23/25 17:42	1
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg		06/20/25 06:37	06/23/25 17:42	1
2,4-D	0.033	U	0.033	0.012	mg/Kg		06/20/25 06:37	06/23/25 17:42	1
2,4-D	0.033	U	0.033	0.012	mg/Kg		06/20/25 06:37	06/23/25 17:42	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg		06/20/25 06:37	06/23/25 17:42	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg		06/20/25 06:37	06/23/25 17:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*92*		*38 - 150*	*06/20/25 06:37*	*06/23/25 17:42*	*1*
2,4-Dichlorophenylacetic acid	*89*		*38 - 150*	*06/20/25 06:37*	*06/23/25 17:42*	*1*

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 460-1044976/2-A
Matrix: Solid
Analysis Batch: 1045492

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1044976

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4,5-T			0.0417	0.0439		mg/Kg		105	10 - 150		
2,4,5-T			0.0417	0.0503		mg/Kg		121	10 - 150		
2,4-D			0.167	0.166		mg/Kg		100	10 - 150		
2,4-D			0.167	0.157		mg/Kg		94	10 - 150		
Silvex (2,4,5-TP)			0.0417	0.0426		mg/Kg		102	22 - 150		
Silvex (2,4,5-TP)			0.0417	0.0481		mg/Kg		116	22 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*128*		*38 - 150*
2,4-Dichlorophenylacetic acid	*121*		*38 - 150*

Lab Sample ID: LCSD 460-1044976/3-A
Matrix: Solid
Analysis Batch: 1045492

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1044976

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T			0.0417	0.0318	J *	mg/Kg		76	10 - 150	32	30
2,4,5-T			0.0417	0.0375		mg/Kg		90	10 - 150	29	30
2,4-D			0.167	0.125		mg/Kg		75	10 - 150	28	30
2,4-D			0.167	0.119		mg/Kg		71	10 - 150	28	30
Silvex (2,4,5-TP)			0.0417	0.0330		mg/Kg		79	22 - 150	26	30
Silvex (2,4,5-TP)			0.0417	0.0361		mg/Kg		87	22 - 150	28	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*95*		*38 - 150*
2,4-Dichlorophenylacetic acid	*92*		*38 - 150*

Lab Sample ID: 460-328831-E-1-C MS
Matrix: Solid
Analysis Batch: 1045492

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1044976

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4,5-T	0.041	U	0.0509	0.0454		mg/Kg	☼	89	10 - 150		
2,4,5-T	0.041	U	0.0509	0.0518		mg/Kg	☼	102	10 - 150		
2,4-D	0.041	U	0.204	0.172		mg/Kg	☼	84	10 - 150		
2,4-D	0.041	U	0.204	0.164		mg/Kg	☼	80	10 - 150		
Silvex (2,4,5-TP)	0.041	U	0.0509	0.0467		mg/Kg	☼	92	22 - 150		
Silvex (2,4,5-TP)	0.041	U	0.0509	0.0508		mg/Kg	☼	100	22 - 150		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*117*		*38 - 150*
2,4-Dichlorophenylacetic acid	*112*		*38 - 150*

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: 460-328831-E-1-D MSD
Matrix: Solid
Analysis Batch: 1045492

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1044976

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T	0.041	U	0.0509	0.0417		mg/Kg	☼	82	10 - 150	9	30
2,4,5-T	0.041	U	0.0509	0.0474		mg/Kg	☼	93	10 - 150	9	30
2,4-D	0.041	U	0.204	0.161		mg/Kg	☼	79	10 - 150	7	30
2,4-D	0.041	U	0.204	0.156		mg/Kg	☼	76	10 - 150	5	30
Silvex (2,4,5-TP)	0.041	U	0.0509	0.0430		mg/Kg	☼	84	22 - 150	8	30
Silvex (2,4,5-TP)	0.041	U	0.0509	0.0484		mg/Kg	☼	95	22 - 150	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*104*		*38 - 150*
2,4-Dichlorophenylacetic acid	*100*		*38 - 150*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1045489/1-A
Matrix: Solid
Analysis Batch: 1045602

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045489

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		06/23/25 06:53	06/23/25 14:57	1
Antimony	1.0	U	1.0	0.15	mg/Kg		06/23/25 06:53	06/23/25 14:57	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		06/23/25 06:53	06/23/25 14:57	1
Barium	2.0	U	2.0	0.15	mg/Kg		06/23/25 06:53	06/23/25 14:57	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		06/23/25 06:53	06/23/25 14:57	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		06/23/25 06:53	06/23/25 14:57	1
Calcium	100	U	100	9.7	mg/Kg		06/23/25 06:53	06/23/25 14:57	1
Chromium	2.0	U	2.0	0.30	mg/Kg		06/23/25 06:53	06/23/25 14:57	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		06/23/25 06:53	06/23/25 14:57	1
Copper	2.0	U	2.0	0.37	mg/Kg		06/23/25 06:53	06/23/25 14:57	1
Iron	60.0	U	60.0	7.7	mg/Kg		06/23/25 06:53	06/23/25 14:57	1
Lead	0.60	U	0.60	0.20	mg/Kg		06/23/25 06:53	06/23/25 14:57	1
Magnesium	100	U	100	10.2	mg/Kg		06/23/25 06:53	06/23/25 14:57	1
Manganese	4.0	U	4.0	0.40	mg/Kg		06/23/25 06:53	06/23/25 14:57	1
Nickel	2.0	U	2.0	0.18	mg/Kg		06/23/25 06:53	06/23/25 14:57	1
Potassium	100	U	100	16.2	mg/Kg		06/23/25 06:53	06/23/25 14:57	1
Selenium	1.3	U	1.3	0.13	mg/Kg		06/23/25 06:53	06/23/25 14:57	1
Silver	0.40	U	0.40	0.089	mg/Kg		06/23/25 06:53	06/23/25 14:57	1
Sodium	100	U	100	45.7	mg/Kg		06/23/25 06:53	06/23/25 14:57	1
Thallium	0.40	U	0.40	0.041	mg/Kg		06/23/25 06:53	06/23/25 14:57	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		06/23/25 06:53	06/23/25 14:57	1
Zinc	8.0	U	8.0	1.1	mg/Kg		06/23/25 06:53	06/23/25 14:57	1

Lab Sample ID: LCSSRM 460-1045489/2-A ^3
Matrix: Solid
Analysis Batch: 1045602

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045489

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Aluminum			6840	6270		mg/Kg		91.7	53.2 - 146.2		

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1045489/2-A ^3
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1045602
Prep Batch: 1045489

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	131	68.67		mg/Kg		52.4	4.5 - 195.4
Arsenic	192	171.8		mg/Kg		89.5	81.3 - 118.8
Barium	219	185.9		mg/Kg		84.9	81.7 - 118.3
Beryllium	146	135.3		mg/Kg		92.7	82.2 - 117.8
Cadmium	114	107.6		mg/Kg		94.3	81.7 - 118.4
Calcium	4080	4005		mg/Kg		98.2	82.4 - 117.6
Chromium	153	144.9		mg/Kg		94.7	81.0 - 119.0
Cobalt	231	219.3		mg/Kg		94.9	83.1 - 117.3
Copper	91.2	86.96		mg/Kg		95.4	83.1 - 117.3
Iron	7020	6748		mg/Kg		96.1	60.7 - 139.2
Lead	141	132.0		mg/Kg		93.6	81.6 - 118.4
Magnesium	1900	1809		mg/Kg		95.2	76.3 - 123.7
Manganese	401	376.5		mg/Kg		93.9	80.8 - 119.0
Nickel	143	138.8		mg/Kg		97.0	81.8 - 118.9
Potassium	1760	1609		mg/Kg		91.4	72.2 - 127.8
Selenium	94.7	96.24		mg/Kg		101.6	78.5 - 121.4
Silver	77.0	74.69		mg/Kg		97.0	79.4 - 120.6
Sodium	661	655.5		mg/Kg		99.2	73.7 - 126.2
Thallium	183	181.6		mg/Kg		99.2	80.3 - 119.7
Vanadium	159	148.1		mg/Kg		93.1	78.6 - 122.0
Zinc	292	282.0		mg/Kg		96.6	79.8 - 120.2

Lab Sample ID: 460-328863-H-1-F MS
Client Sample ID: Matrix Spike
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1045602
Prep Batch: 1045489

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	18400		513	20590	4	mg/Kg	☼	433	75 - 125
Antimony	0.56	J	5.13	2.11	N	mg/Kg	☼	30	75 - 125
Arsenic	6.3		10.3	13.89	N	mg/Kg	☼	74	75 - 125
Barium	95.1		10.3	106.5	4	mg/Kg	☼	111	75 - 125
Beryllium	0.77		5.13	5.30		mg/Kg	☼	88	75 - 125
Cadmium	0.30	J	5.13	4.61		mg/Kg	☼	84	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-328863-H-1-F MS
Matrix: Solid
Analysis Batch: 1045602

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1045489

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	6970		513	7347	4	mg/Kg	☼	73	75 - 125
Chromium	29.7		10.3	37.97		mg/Kg	☼	81	75 - 125
Cobalt	8.8		5.13	13.12		mg/Kg	☼	84	75 - 125
Copper	36.3		10.3	44.68		mg/Kg	☼	82	75 - 125
Iron	26000		513	26830	4	mg/Kg	☼	152	75 - 125
Lead	125		5.13	129.6	4	mg/Kg	☼	95	75 - 125
Magnesium	4050		513	4505	4	mg/Kg	☼	89	75 - 125
Manganese	296		51.3	339.0	4	mg/Kg	☼	84	75 - 125
Nickel	16.8		10.3	26.07		mg/Kg	☼	90	75 - 125
Potassium	2180		513	2670	4	mg/Kg	☼	95	75 - 125
Selenium	0.38	J	10.3	8.26		mg/Kg	☼	77	75 - 125
Silver	0.22	J	5.13	4.90		mg/Kg	☼	91	75 - 125
Sodium	255		513	688.1		mg/Kg	☼	84	75 - 125
Thallium	0.19	J	4.11	3.77		mg/Kg	☼	87	75 - 125
Vanadium	39.3		10.3	48.77		mg/Kg	☼	93	75 - 125
Zinc	104		51.3	147.0		mg/Kg	☼	83	75 - 125

Lab Sample ID: 460-328863-H-1-E DU
Matrix: Solid
Analysis Batch: 1045602

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1045489

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	18400		18420		mg/Kg	☼	0.3	20
Antimony	0.56	J	0.651	J	mg/Kg	☼	14	20
Arsenic	6.3		6.11		mg/Kg	☼	2	20
Barium	95.1		94.21		mg/Kg	☼	1	20
Beryllium	0.77		0.750		mg/Kg	☼	2	20
Cadmium	0.30	J	0.296	J	mg/Kg	☼	2	20
Calcium	6970		6981		mg/Kg	☼	0.1	20
Chromium	29.7		28.70		mg/Kg	☼	3	20
Cobalt	8.8		9.05		mg/Kg	☼	3	20
Copper	36.3		36.48		mg/Kg	☼	0.6	20
Iron	26000		26170		mg/Kg	☼	0.5	20
Lead	125		125.3		mg/Kg	☼	0.4	20
Magnesium	4050		3961		mg/Kg	☼	2	20
Manganese	296		298.1		mg/Kg	☼	0.7	20
Nickel	16.8		16.88		mg/Kg	☼	0.5	20
Potassium	2180		2137		mg/Kg	☼	2	20
Selenium	0.38	J	0.360	J	mg/Kg	☼	5	20
Silver	0.22	J	0.159	J	mg/Kg	☼	32	20
Sodium	255		253.4		mg/Kg	☼	0.8	20
Thallium	0.19	J	0.186	J	mg/Kg	☼	1	20
Vanadium	39.3		39.60		mg/Kg	☼	0.8	20
Zinc	104		105.4		mg/Kg	☼	0.9	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1045692/10-A
Matrix: Solid
Analysis Batch: 1045788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045692

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		06/24/25 06:15	06/24/25 11:57	1

Lab Sample ID: LCSSRM 460-1045692/11-A ^40
Matrix: Solid
Analysis Batch: 1045788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045692

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	12.75		mg/Kg		90.4	69.6 - 130.5

Lab Sample ID: 460-328842-G-15-D MS
Matrix: Solid
Analysis Batch: 1045788

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1045692

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.011	J	0.0848	0.0897		mg/Kg	☼	93	80 - 120

Lab Sample ID: 460-328842-G-15-C DU
Matrix: Solid
Analysis Batch: 1045788

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1045692

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.011	J	0.017	U	mg/Kg	☼	NC	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 460-1045722/15-A
Matrix: Solid
Analysis Batch: 1045734

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045722

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	2.0	U	2.0	0.85	mg/Kg		06/24/25 08:40	06/24/25 14:05	1

Lab Sample ID: LCSI 460-1045722/17-A
Matrix: Solid
Analysis Batch: 1045734

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045722

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	708	729.8		mg/Kg		103	80 - 120

Lab Sample ID: LCSSRM 460-1045722/16-A
Matrix: Solid
Analysis Batch: 1045734

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045722

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	14.9	14.08		mg/Kg		94.2	84.2 - 114.5

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: 460-328732-E-3-AA MSI
Matrix: Solid
Analysis Batch: 1045734

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1045722

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.0	U	715	514.7	N	mg/Kg	☼	72	75 - 125

Lab Sample ID: 460-328732-E-3-Z MSS
Matrix: Solid
Analysis Batch: 1045734

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1045722

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.0	U	40.4	23.56	N	mg/Kg	☼	58	75 - 125

Lab Sample ID: 460-328732-E-3-Y DU
Matrix: Solid
Analysis Batch: 1045734

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1045722

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	2.0	U	2.0	U	mg/Kg	☼	NC	20

Lab Sample ID: MB 460-1045979/15-A
Matrix: Solid
Analysis Batch: 1045999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045979

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	2.0	U	2.0	0.85	mg/Kg		06/25/25 09:40	06/25/25 10:51	1

Lab Sample ID: LCSI 460-1045979/17-A
Matrix: Solid
Analysis Batch: 1045999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045979

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	708	694.0		mg/Kg		98	80 - 120

Lab Sample ID: LCSSRM 460-1045979/16-A
Matrix: Solid
Analysis Batch: 1045999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045979

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	14.9	14.21		mg/Kg		95.1	84.2 - 114.5

Lab Sample ID: 460-328732-E-3-AD MSS
Matrix: Solid
Analysis Batch: 1045999

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1045979

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.0	U	40.4	18.43	N	mg/Kg	☼	46	75 - 125

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: 460-328732-E-3-AE MSI — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1045999 — **Prep Batch: 1045979**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.0	U	715	504.6	N	mg/Kg	☼	71	75 - 125

Lab Sample ID: 460-328732-E-3-AC DU — **Client Sample ID: Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1045999 — **Prep Batch: 1045979**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	2.0	U	2.0	U	mg/Kg	☼	NC	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 460-1045755/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1045830 — **Prep Batch: 1045755**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0055	mg/Kg		06/24/25 11:09	06/24/25 16:32	1

Lab Sample ID: LCSSRM 460-1045755/2-A ^20 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1045830 — **Prep Batch: 1045755**

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	172	85.92		mg/Kg		50.0	14.9 - 114.5

Lab Sample ID: 460-328721-E-2-J MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1045830 — **Prep Batch: 1045755**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.26	U	4.80	3.91		mg/Kg	☼	82	19 - 100

Lab Sample ID: 460-328721-E-2-K MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1045830 — **Prep Batch: 1045755**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.26	U	5.36	4.39		mg/Kg	☼	82	19 - 100	12	40

Lab Sample ID: MRL 460-1045762/12-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1045830 — **Prep Batch: 1045762**

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0139		mg/L		139	50 - 150

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328838-1

Method: Moisture - Percent Moisture

Lab Sample ID: 460-328842-D-12 DU
Matrix: Solid
Analysis Batch: 1045019

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	1.9			4.5	*	%				81	20
Percent Solids	98.1			95.5		%				3	20

Lab Sample ID: 460-328842-D-13 DU
Matrix: Solid
Analysis Batch: 1045019

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	4.7			8.4	*	%				58	20
Percent Solids	95.3			91.6		%				4	20

GC/MS VOA

Analysis Batch: 1044951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB3 460-1044983/1-A	Method Blank	Total/NA	Solid	8260D	1044983
MB 460-1044951/6	Method Blank	Total/NA	Solid	8260D	
LCS 460-1044951/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1044951/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 1044983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	5035	
460-328838-2	RX_04(4-6)	Total/NA	Solid	5035	
LB3 460-1044983/1-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 1045049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-4	RX_01(0-2)	Total/NA	Solid	5035	
460-328838-5	RX_01(4-6)	Total/NA	Solid	5035	
LB3 460-1045049/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 1045338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	8260D	1044983
460-328838-2	RX_04(4-6)	Total/NA	Solid	8260D	1044983
460-328838-4	RX_01(0-2)	Total/NA	Solid	8260D	1045049
460-328838-5	RX_01(4-6)	Total/NA	Solid	8260D	1045049
LB3 460-1045049/1-A	Method Blank	Total/NA	Solid	8260D	1045049
MB 460-1045338/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1045338/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1045338/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1045686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-3	TRIP BLANK	Total/NA	Water	8260D	
MB 460-1045686/10	Method Blank	Total/NA	Water	8260D	
LCS 460-1045686/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1045686/6	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 1045291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	3546	
460-328838-2	RX_04(4-6)	Total/NA	Solid	3546	
460-328838-4	RX_01(0-2)	Total/NA	Solid	3546	
460-328838-5	RX_01(4-6)	Total/NA	Solid	3546	
MB 460-1045291/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1045291/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1045291/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-328151-E-6-K MS	Matrix Spike	Total/NA	Solid	3546	
460-328151-E-6-L MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

GC/MS Semi VOA

Analysis Batch: 1045389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1045291/1-A	Method Blank	Total/NA	Solid	8270E	1045291
LCS 460-1045291/2-A	Lab Control Sample	Total/NA	Solid	8270E	1045291
LCSD 460-1045291/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1045291
460-328151-E-6-K MS	Matrix Spike	Total/NA	Solid	8270E	1045291

Analysis Batch: 1045487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	8270E	1045291
460-328838-2	RX_04(4-6)	Total/NA	Solid	8270E	1045291
460-328838-4	RX_01(0-2)	Total/NA	Solid	8270E	1045291
460-328838-5	RX_01(4-6)	Total/NA	Solid	8270E	1045291
460-328151-E-6-L MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	1045291

GC Semi VOA

Prep Batch: 1044879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	3546	
460-328838-2	RX_04(4-6)	Total/NA	Solid	3546	
460-328838-4	RX_01(0-2)	Total/NA	Solid	3546	
460-328838-5	RX_01(4-6)	Total/NA	Solid	3546	
MB 460-1044879/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1044879/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1044879/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-328555-C-1-B MS	Matrix Spike	Total/NA	Solid	3546	
460-328555-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 1044895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	3546	
460-328838-2	RX_04(4-6)	Total/NA	Solid	3546	
460-328838-4	RX_01(0-2)	Total/NA	Solid	3546	
460-328838-5	RX_01(4-6)	Total/NA	Solid	3546	
MB 460-1044895/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1044895/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1044895/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 1044944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	8081B	1044895
460-328838-2	RX_04(4-6)	Total/NA	Solid	8081B	1044895
460-328838-4	RX_01(0-2)	Total/NA	Solid	8081B	1044895
460-328838-5	RX_01(4-6)	Total/NA	Solid	8081B	1044895
MB 460-1044895/1-A	Method Blank	Total/NA	Solid	8081B	1044895
LCS 460-1044895/2-A	Lab Control Sample	Total/NA	Solid	8081B	1044895
LCSD 460-1044895/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1044895

Prep Batch: 1044976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	8151A	
460-328838-2	RX_04(4-6)	Total/NA	Solid	8151A	

GC Semi VOA (Continued)

Prep Batch: 1044976 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-4	RX_01(0-2)	Total/NA	Solid	8151A	
460-328838-5	RX_01(4-6)	Total/NA	Solid	8151A	
MB 460-1044976/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 460-1044976/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 460-1044976/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
460-328831-E-1-C MS	Matrix Spike	Total/NA	Solid	8151A	
460-328831-E-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8151A	

Analysis Batch: 1045162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	8082A	1044879
460-328838-2	RX_04(4-6)	Total/NA	Solid	8082A	1044879
460-328838-4	RX_01(0-2)	Total/NA	Solid	8082A	1044879
460-328838-5	RX_01(4-6)	Total/NA	Solid	8082A	1044879
MB 460-1044879/1-A	Method Blank	Total/NA	Solid	8082A	1044879
LCS 460-1044879/2-A	Lab Control Sample	Total/NA	Solid	8082A	1044879
LCSD 460-1044879/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1044879
460-328555-C-1-B MS	Matrix Spike	Total/NA	Solid	8082A	1044879
460-328555-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	1044879

Analysis Batch: 1045492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	8151A	1044976
460-328838-2	RX_04(4-6)	Total/NA	Solid	8151A	1044976
460-328838-4	RX_01(0-2)	Total/NA	Solid	8151A	1044976
460-328838-5	RX_01(4-6)	Total/NA	Solid	8151A	1044976
MB 460-1044976/1-A	Method Blank	Total/NA	Solid	8151A	1044976
LCS 460-1044976/2-A	Lab Control Sample	Total/NA	Solid	8151A	1044976
LCSD 460-1044976/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	1044976
460-328831-E-1-C MS	Matrix Spike	Total/NA	Solid	8151A	1044976
460-328831-E-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8151A	1044976

Metals

Prep Batch: 1045489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	3050B	
460-328838-2	RX_04(4-6)	Total/NA	Solid	3050B	
460-328838-4	RX_01(0-2)	Total/NA	Solid	3050B	
460-328838-5	RX_01(4-6)	Total/NA	Solid	3050B	
MB 460-1045489/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1045489/2-A ^3	Lab Control Sample	Total/NA	Solid	3050B	
460-328863-H-1-F MS	Matrix Spike	Total/NA	Solid	3050B	
460-328863-H-1-E DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 1045602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	6020B	1045489
460-328838-2	RX_04(4-6)	Total/NA	Solid	6020B	1045489
460-328838-4	RX_01(0-2)	Total/NA	Solid	6020B	1045489
460-328838-5	RX_01(4-6)	Total/NA	Solid	6020B	1045489

Metals (Continued)

Analysis Batch: 1045602 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1045489/1-A	Method Blank	Total/NA	Solid	6020B	1045489
LCSSRM 460-1045489/2-A ^3	Lab Control Sample	Total/NA	Solid	6020B	1045489
460-328863-H-1-F MS	Matrix Spike	Total/NA	Solid	6020B	1045489
460-328863-H-1-E DU	Duplicate	Total/NA	Solid	6020B	1045489

Prep Batch: 1045692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	7471B	
460-328838-2	RX_04(4-6)	Total/NA	Solid	7471B	
460-328838-4	RX_01(0-2)	Total/NA	Solid	7471B	
460-328838-5	RX_01(4-6)	Total/NA	Solid	7471B	
MB 460-1045692/10-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1045692/11-A ^40	Lab Control Sample	Total/NA	Solid	7471B	
460-328842-G-15-D MS	Matrix Spike	Total/NA	Solid	7471B	
460-328842-G-15-C DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 1045788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	7471B	1045692
460-328838-2	RX_04(4-6)	Total/NA	Solid	7471B	1045692
460-328838-4	RX_01(0-2)	Total/NA	Solid	7471B	1045692
460-328838-5	RX_01(4-6)	Total/NA	Solid	7471B	1045692
MB 460-1045692/10-A	Method Blank	Total/NA	Solid	7471B	1045692
LCSSRM 460-1045692/11-A ^40	Lab Control Sample	Total/NA	Solid	7471B	1045692
460-328842-G-15-D MS	Matrix Spike	Total/NA	Solid	7471B	1045692
460-328842-G-15-C DU	Duplicate	Total/NA	Solid	7471B	1045692

Analysis Batch: 1046047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	6020B	1045489

General Chemistry

Analysis Batch: 1045019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	Moisture	
460-328838-2	RX_04(4-6)	Total/NA	Solid	Moisture	
460-328838-4	RX_01(0-2)	Total/NA	Solid	Moisture	
460-328838-5	RX_01(4-6)	Total/NA	Solid	Moisture	
460-328241-B-1 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-328241-B-1 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-328842-D-12 DU	Duplicate	Total/NA	Solid	Moisture	
460-328842-D-13 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 1045646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	7196A	
460-328838-2	RX_04(4-6)	Total/NA	Solid	7196A	
460-328838-4	RX_01(0-2)	Total/NA	Solid	7196A	
460-328838-5	RX_01(4-6)	Total/NA	Solid	7196A	

General Chemistry

Prep Batch: 1045722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	3060A	
460-328838-2	RX_04(4-6)	Total/NA	Solid	3060A	
460-328838-4	RX_01(0-2)	Total/NA	Solid	3060A	
460-328838-5	RX_01(4-6)	Total/NA	Solid	3060A	
MB 460-1045722/15-A	Method Blank	Total/NA	Solid	3060A	
LCSI 460-1045722/17-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSSRM 460-1045722/16-A	Lab Control Sample	Total/NA	Solid	3060A	
460-328732-E-3-AA MSI	Matrix Spike	Total/NA	Solid	3060A	
460-328732-E-3-Z MSS	Matrix Spike	Total/NA	Solid	3060A	
460-328732-E-3-Y DU	Duplicate	Total/NA	Solid	3060A	

Analysis Batch: 1045734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	7196A	1045722
460-328838-2	RX_04(4-6)	Total/NA	Solid	7196A	1045722
460-328838-4	RX_01(0-2)	Total/NA	Solid	7196A	1045722
460-328838-5	RX_01(4-6)	Total/NA	Solid	7196A	1045722
MB 460-1045722/15-A	Method Blank	Total/NA	Solid	7196A	1045722
LCSI 460-1045722/17-A	Lab Control Sample	Total/NA	Solid	7196A	1045722
LCSSRM 460-1045722/16-A	Lab Control Sample	Total/NA	Solid	7196A	1045722
460-328732-E-3-AA MSI	Matrix Spike	Total/NA	Solid	7196A	1045722
460-328732-E-3-Z MSS	Matrix Spike	Total/NA	Solid	7196A	1045722
460-328732-E-3-Y DU	Duplicate	Total/NA	Solid	7196A	1045722

Prep Batch: 1045755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	9012B	
460-328838-2	RX_04(4-6)	Total/NA	Solid	9012B	
460-328838-4	RX_01(0-2)	Total/NA	Solid	9012B	
460-328838-5	RX_01(4-6)	Total/NA	Solid	9012B	
MB 460-1045755/1-A	Method Blank	Total/NA	Solid	9012B	
LCSSRM 460-1045755/2-A ^20	Lab Control Sample	Total/NA	Solid	9012B	
460-328721-E-2-J MS	Matrix Spike	Total/NA	Solid	9012B	
460-328721-E-2-K MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	

Prep Batch: 1045762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 460-1045762/12-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 1045830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	9012B	1045755
460-328838-2	RX_04(4-6)	Total/NA	Solid	9012B	1045755
460-328838-4	RX_01(0-2)	Total/NA	Solid	9012B	1045755
460-328838-5	RX_01(4-6)	Total/NA	Solid	9012B	1045755
MB 460-1045755/1-A	Method Blank	Total/NA	Solid	9012B	1045755
LCSSRM 460-1045755/2-A ^20	Lab Control Sample	Total/NA	Solid	9012B	1045755
MRL 460-1045762/12-A	Lab Control Sample	Total/NA	Solid	9012B	1045762
460-328721-E-2-J MS	Matrix Spike	Total/NA	Solid	9012B	1045755
460-328721-E-2-K MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	1045755

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328838-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

General Chemistry

Prep Batch: 1045979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	3060A	
460-328838-2	RX_04(4-6)	Total/NA	Solid	3060A	
460-328838-4	RX_01(0-2)	Total/NA	Solid	3060A	
460-328838-5	RX_01(4-6)	Total/NA	Solid	3060A	
MB 460-1045979/15-A	Method Blank	Total/NA	Solid	3060A	
LCSI 460-1045979/17-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSSRM 460-1045979/16-A	Lab Control Sample	Total/NA	Solid	3060A	
460-328732-E-3-AD MSS	Matrix Spike	Total/NA	Solid	3060A	
460-328732-E-3-AE MSI	Matrix Spike	Total/NA	Solid	3060A	
460-328732-E-3-AC DU	Duplicate	Total/NA	Solid	3060A	

Analysis Batch: 1045999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328838-1	RX_04(0-2)	Total/NA	Solid	7196A	1045979
460-328838-2	RX_04(4-6)	Total/NA	Solid	7196A	1045979
460-328838-4	RX_01(0-2)	Total/NA	Solid	7196A	1045979
460-328838-5	RX_01(4-6)	Total/NA	Solid	7196A	1045979
MB 460-1045979/15-A	Method Blank	Total/NA	Solid	7196A	1045979
LCSI 460-1045979/17-A	Lab Control Sample	Total/NA	Solid	7196A	1045979
LCSSRM 460-1045979/16-A	Lab Control Sample	Total/NA	Solid	7196A	1045979
460-328732-E-3-AD MSS	Matrix Spike	Total/NA	Solid	7196A	1045979
460-328732-E-3-AE MSI	Matrix Spike	Total/NA	Solid	7196A	1045979
460-328732-E-3-AC DU	Duplicate	Total/NA	Solid	7196A	1045979

Client Sample ID: RX_04(0-2)

Lab Sample ID: 460-328838-1

Date Collected: 06/18/25 09:50

Matrix: Solid

Date Received: 06/18/25 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	7196A		1	1045646	ST1	EET EDI	06/23/25 20:15
Total/NA	Analysis	Moisture		1	1045019	DAN	EET EDI	06/20/25 08:32

Client Sample ID: RX_04(0-2)

Lab Sample ID: 460-328838-1

Date Collected: 06/18/25 09:50

Matrix: Solid

Date Received: 06/18/25 19:10

Percent Solids: 94.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1044983	JCZ	EET EDI	06/20/25 07:26
Total/NA	Analysis	8260D		1	1045338	AAT	EET EDI	06/22/25 12:29
Total/NA	Prep	3546			1045291	SXS	EET EDI	06/21/25 11:49
Total/NA	Analysis	8270E		1	1045487	DXD	EET EDI	06/23/25 13:06
Total/NA	Prep	3546			1044895	ARA	EET EDI	06/19/25 18:22
Total/NA	Analysis	8081B		1	1044944	FAM	EET EDI	06/20/25 13:51
Total/NA	Prep	3546			1044879	ARA	EET EDI	06/19/25 18:13
Total/NA	Analysis	8082A		1	1045162	JHP	EET EDI	06/21/25 02:59
Total/NA	Prep	8151A			1044976	AXB	EET EDI	06/20/25 06:37
Total/NA	Analysis	8151A		1	1045492	SAK	EET EDI	06/23/25 19:17
Total/NA	Prep	3050B			1045489	FBT	EET EDI	06/23/25 06:53
Total/NA	Analysis	6020B		1	1045602	CDC	EET EDI	06/23/25 16:13
Total/NA	Prep	3050B			1045489	FBT	EET EDI	06/23/25 06:53
Total/NA	Analysis	6020B		2	1046047	CDC	EET EDI	06/25/25 14:01
Total/NA	Prep	7471B			1045692	FBT	EET EDI	06/24/25 06:15
Total/NA	Analysis	7471B		1	1045788	LBD	EET EDI	06/24/25 12:46
Total/NA	Prep	3060A			1045722	MNP	EET EDI	06/24/25 08:40 - 06/24/25 09:40 [1]
Total/NA	Analysis	7196A		1	1045734	MNP	EET EDI	06/24/25 16:05
Total/NA	Prep	3060A			1045979	MNP	EET EDI	06/25/25 09:40 - 06/25/25 10:40 [1]
Total/NA	Analysis	7196A		1	1045999	MNP	EET EDI	06/25/25 10:51
Total/NA	Prep	9012B			1045755	SBW	EET EDI	06/24/25 11:09
Total/NA	Analysis	9012B		1	1045830	AXP	EET EDI	06/24/25 16:57

Client Sample ID: RX_04(4-6)

Lab Sample ID: 460-328838-2

Date Collected: 06/18/25 10:00

Matrix: Solid

Date Received: 06/18/25 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	7196A		1	1045646	ST1	EET EDI	06/23/25 20:15
Total/NA	Analysis	Moisture		1	1045019	DAN	EET EDI	06/20/25 08:32

Client Sample ID: RX_04(4-6)

Lab Sample ID: 460-328838-2

Date Collected: 06/18/25 10:00
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1044983	JCZ	EET EDI	06/20/25 07:27
Total/NA	Analysis	8260D		1	1045338	AAT	EET EDI	06/22/25 12:53
Total/NA	Prep	3546			1045291	SXS	EET EDI	06/21/25 11:49
Total/NA	Analysis	8270E		1	1045487	DXD	EET EDI	06/23/25 13:30
Total/NA	Prep	3546			1044895	ARA	EET EDI	06/19/25 18:22
Total/NA	Analysis	8081B		1	1044944	FAM	EET EDI	06/20/25 14:04
Total/NA	Prep	3546			1044879	ARA	EET EDI	06/19/25 18:13
Total/NA	Analysis	8082A		1	1045162	JHP	EET EDI	06/21/25 03:15
Total/NA	Prep	8151A			1044976	AXB	EET EDI	06/20/25 06:37
Total/NA	Analysis	8151A		1	1045492	SAK	EET EDI	06/23/25 19:35
Total/NA	Prep	3050B			1045489	FBT	EET EDI	06/23/25 06:53
Total/NA	Analysis	6020B		1	1045602	CDC	EET EDI	06/23/25 16:15
Total/NA	Prep	7471B			1045692	FBT	EET EDI	06/24/25 06:15
Total/NA	Analysis	7471B		1	1045788	LBD	EET EDI	06/24/25 12:49
Total/NA	Prep	3060A			1045722	MNP	EET EDI	06/24/25 08:40 - 06/24/25 09:40 [1]
Total/NA	Analysis	7196A		1	1045734	MNP	EET EDI	06/24/25 16:05
Total/NA	Prep	3060A			1045979	MNP	EET EDI	06/25/25 09:40 - 06/25/25 10:40 [1]
Total/NA	Analysis	7196A		1	1045999	MNP	EET EDI	06/25/25 10:51
Total/NA	Prep	9012B			1045755	SBW	EET EDI	06/24/25 11:09
Total/NA	Analysis	9012B		1	1045830	AXP	EET EDI	06/24/25 16:58

Client Sample ID: TRIP BLANK

Lab Sample ID: 460-328838-3

Date Collected: 06/18/25 14:10
Matrix: Water
Date Received: 06/18/25 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1045686	CJM	EET EDI	06/24/25 15:54

Client Sample ID: RX_01(0-2)

Lab Sample ID: 460-328838-4

Date Collected: 06/18/25 14:00
Matrix: Solid
Date Received: 06/18/25 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	7196A		1	1045646	ST1	EET EDI	06/23/25 20:15
Total/NA	Analysis	Moisture		1	1045019	DAN	EET EDI	06/20/25 08:32

Client Sample ID: RX_01(0-2)

Lab Sample ID: 460-328838-4

Date Collected: 06/18/25 14:00
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1045049	JCZ	EET EDI	06/20/25 10:17
Total/NA	Analysis	8260D		1	1045338	AAT	EET EDI	06/22/25 13:17
Total/NA	Prep	3546			1045291	SXS	EET EDI	06/21/25 11:49
Total/NA	Analysis	8270E		1	1045487	DXD	EET EDI	06/23/25 14:17

Client Sample ID: RX_01(0-2)

Lab Sample ID: 460-328838-4

Date Collected: 06/18/25 14:00
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1044895	ARA	EET EDI	06/19/25 18:22
Total/NA	Analysis	8081B		1	1044944	FAM	EET EDI	06/20/25 14:17
Total/NA	Prep	3546			1044879	ARA	EET EDI	06/19/25 18:13
Total/NA	Analysis	8082A		1	1045162	JHP	EET EDI	06/21/25 03:32
Total/NA	Prep	8151A			1044976	AXB	EET EDI	06/20/25 06:37
Total/NA	Analysis	8151A		1	1045492	SAK	EET EDI	06/23/25 19:54
Total/NA	Prep	3050B			1045489	FBT	EET EDI	06/23/25 06:53
Total/NA	Analysis	6020B		1	1045602	CDC	EET EDI	06/23/25 16:18
Total/NA	Prep	7471B			1045692	FBT	EET EDI	06/24/25 06:15
Total/NA	Analysis	7471B		1	1045788	LBD	EET EDI	06/24/25 12:52
Total/NA	Prep	3060A			1045722	MNP	EET EDI	06/24/25 08:40 - 06/24/25 09:40 [1]
Total/NA	Analysis	7196A		1	1045734	MNP	EET EDI	06/24/25 16:05
Total/NA	Prep	3060A			1045979	MNP	EET EDI	06/25/25 09:40 - 06/25/25 10:40 [1]
Total/NA	Analysis	7196A		1	1045999	MNP	EET EDI	06/25/25 10:51
Total/NA	Prep	9012B			1045755	SBW	EET EDI	06/24/25 11:09
Total/NA	Analysis	9012B		1	1045830	AXP	EET EDI	06/24/25 16:59

Client Sample ID: RX_01(4-6)

Lab Sample ID: 460-328838-5

Date Collected: 06/18/25 14:10
Matrix: Solid
Date Received: 06/18/25 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	7196A		1	1045646	ST1	EET EDI	06/23/25 20:15
Total/NA	Analysis	Moisture		1	1045019	DAN	EET EDI	06/20/25 08:32

Client Sample ID: RX_01(4-6)

Lab Sample ID: 460-328838-5

Date Collected: 06/18/25 14:10
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1045049	JCZ	EET EDI	06/20/25 10:17
Total/NA	Analysis	8260D		1	1045338	AAT	EET EDI	06/22/25 13:42
Total/NA	Prep	3546			1045291	SXS	EET EDI	06/21/25 11:49
Total/NA	Analysis	8270E		1	1045487	DXD	EET EDI	06/23/25 14:41
Total/NA	Prep	3546			1044895	ARA	EET EDI	06/19/25 18:22
Total/NA	Analysis	8081B		1	1044944	FAM	EET EDI	06/20/25 14:30
Total/NA	Prep	3546			1044879	ARA	EET EDI	06/19/25 18:13
Total/NA	Analysis	8082A		1	1045162	JHP	EET EDI	06/21/25 03:49
Total/NA	Prep	8151A			1044976	AXB	EET EDI	06/20/25 06:37
Total/NA	Analysis	8151A		1	1045492	SAK	EET EDI	06/23/25 20:13
Total/NA	Prep	3050B			1045489	FBT	EET EDI	06/23/25 06:53
Total/NA	Analysis	6020B		1	1045602	CDC	EET EDI	06/23/25 16:21
Total/NA	Prep	7471B			1045692	FBT	EET EDI	06/24/25 06:15
Total/NA	Analysis	7471B		1	1045788	LBD	EET EDI	06/24/25 12:55

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328838-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX_01(4-6)
Lab Sample ID: 460-328838-5
Date Collected: 06/18/25 14:10
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			1045722	MNP	EET EDI	06/24/25 08:40 - 06/24/25 09:40 [1]
Total/NA	Analysis	7196A		1	1045734	MNP	EET EDI	06/24/25 16:05
Total/NA	Prep	3060A			1045979	MNP	EET EDI	06/25/25 09:40 - 06/25/25 10:40 [1]
Total/NA	Analysis	7196A		1	1045999	MNP	EET EDI	06/25/25 10:51
Total/NA	Prep	9012B			1045755	SBW	EET EDI	06/24/25 11:09
Total/NA	Analysis	9012B		1	1045830	AXP	EET EDI	06/24/25 17:00

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328838-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
7196A		Solid	Cr (III)
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328838-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
8151A	Herbicides (GC)	SW846	EET EDI
6020B	Metals (ICP/MS)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
7196A	Chromium, Hexavalent	SW846	EET EDI
7196A	Chromium, Trivalent (Colorimetric)	SW846	EET EDI
9012B	Cyanide, Total andor Amenable	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
3050B	Preparation, Metals	SW846	EET EDI
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI
8151A	Extraction (Herbicides)	SW846	EET EDI
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328838-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-328838-1	RX_04(0-2)	Solid	06/18/25 09:50	06/18/25 19:10
460-328838-2	RX_04(4-6)	Solid	06/18/25 10:00	06/18/25 19:10
460-328838-3	TRIP BLANK	Water	06/18/25 14:10	06/18/25 19:10
460-328838-4	RX_01(0-2)	Solid	06/18/25 14:00	06/18/25 19:10
460-328838-5	RX_01(4-6)	Solid	06/18/25 14:10	06/18/25 19:10

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

NYC 222

eurofins

Client Information	Sampler: Josue Criollo	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-196054-128294.1
Client Contact: Josue Criollo	Phone: 516 660 3060	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 1 of 3
Company: Roux Environmental Eng & Geology DPC	PWSID:	Analysis Requested		Job #: 328838
Address: 209 Shafter St	Due Date Requested:			Preservation Codes: N None; A - HCL; B NaOH; D HNO3
City: Islandia	TAT Requested (days): 5 D			
State, Zip: NY 11749	Compliance Project: Δ Yes Δ No			
Phone: 631-831-8490(Tel)	PO #: Purchase Order Requested			
Email: jcriollo@rouxinc.com	WO #:			
Project Name: 35-32 College Point Blvd, Flushing, NY	Project #: 46046973			
Site: 35-32 College Point Blvd, Flushing, NY	SSOW#:			

460-328838 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/Part 375 VOCs	8081B TCL/Part 375 Pest, 8082A PCBs, 8151A-Herbicides	8270E TCL/Part 375 BNAs+1,4-DX	6020B, 7471B TAL Metals, 9012B Total CN	7196A Hex Chrome, 7198A_CR3 Tri Chrome		Total	Special Instructions/Note:
			Preservation Code:		X	X	N	N	N	N	N		X	
RX_04(0-2)	6/18/25	950	G	Solid									5	1
RX_04(4-6)	6/18/25	1000	G	Solid									5	2
TRIP BLANK	LAB	LAB	G	Solid									1	3
RX-01(0-2)	6/18/25	1400	G	Solid									5	4
RX-01(4-6)	6/18/25	1410	G	Solid									5	5
				Solid										
				Solid										
				Solid										
				Solid										
				Solid										
				Solid										

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		6/18/25	ROUX 15:42		06/18/25 15:42	TAN YC
2	Relinquished by:	06/18/25 17:00	TAN YC	Received by:	Date/Time:	Company
3	Relinquished by:	6/18/25 1910	ERI	Received by:	Date/Time: 6/18 1910	Company ERI

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: NO 05

Cooler Temperature(s) °C and Other Remarks: IR#9 1.5 - 1.9

Ver 05/06/2024

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 328838

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.5 °C	1.9 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 6/18/25

EDS-WI-038, Rev 4.1
10/22/2019

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-328838-1

Login Number: 328838

List Source: Eurofins Edison

List Number: 1

Creator: Khlungprakhon, Sukanya

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	Refer to Job Narrative for details.
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michelle Okvist
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, New York 11749

Generated 7/2/2025 6:33:49 PM

JOB DESCRIPTION

35-32 College Point Blvd, Flushing, NY

JOB NUMBER

460-328839-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



Generated
7/2/2025 6:33:49 PM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Definitions/Glossary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328839-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Qualifiers

LCMS

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	RPD of the LCS and LCSD exceeds the control limits
*	Isotope Dilution analyte is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 460-328839-1 — Eurofins Edison

Job Narrative
460-328839-1

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 6/18/2025 7:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.9°C.

Receipt Exceptions
All backup containers for water samples received for 1633 PFAS analysis were frozen after receipt. GW-8D (460-328736-1), GW-8D (460-328736-1[MS]), GW-8D (460-328736-1[MSD]), GW-8D-1 (460-328736-2), EB-20250617 (460-328736-3), GW-7S (460-328736-4), LTMW-7-20250618 (460-328808-1), LTMW-7-20250618 (460-328808-1[MS]), LTMW-7-20250618 (460-328808-1[MSD]), LTMW-2-20250618 (460-328808-2), LTMW-3-20250618 (460-328808-3), RX-04(0-2)_P (460-328839-1), RX-04(4-6)_P (460-328839-2), FB_SO_06182025_P (460-328839-3), RX-01(0-2)_P (460-328839-4), RX-01(4-6)_P (460-328839-5), W-38 (460-328840-1), EP-D9 (4-5)_P (460-328906-1) and FB_06182025_P (460-328906-2)

Method 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A
Samples RX-04(0-2)_P (460-328839-1), RX-04(4-6)_P (460-328839-2), FB_SO_06182025_P (460-328839-3), RX-01(0-2)_P (460-328839-4) and RX-01(4-6)_P (460-328839-5) were analyzed for Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A. The samples were prepared on 6/24/2025 and 6/25/2025 and analyzed on 6/25/2025 and 7/2/2025.

The recovery for the labeled isotope(s) 13C5 PFPeA and 13C5 PFHxA in the laboratory control spike samples associated with the following samples: RX-04(0-2)_P (460-328839-1), RX-04(4-6)_P (460-328839-2), RX-01(0-2)_P (460-328839-4) and RX-01(4-6)_P (460-328839-5) is outside the QC acceptance limits. Since the recovery for target analytes is within the limits, the data is reported.

Analyte Perfluorooctanoic acid (PFOA) was marked as non-detect for sample RX-04(0-2)_P (460-328839-1) due to a detection below RL and failing ion ratio.

Target analyte Perfluorododecanesulfonic acid (PFDoS) has a relative percent difference (%RPD) outside of the QC acceptance limit in the Laboratory Control Spike Duplicate associated with samples FB_SO_06182025_P (460-328839-3). Since the individual recoveries meet acceptance limits and the analyte is not detected, the data is reported

The recovery for the target analytes: Perfluorododecanesulfonic acid (PFDoS) in the laboratory control spike sample associated with the following sample: FB_SO_06182025_P (460-328839-3) is outside the QC acceptance limits. Since this target was out marginally low, the laboratory control spike duplicate and the low level laboratory control spike is within the QC acceptance limit, and the analyte is not detected in samples, the data is reported.

Method Moisture - Percent Moisture
Samples RX-04(0-2)_P (460-328839-1), RX-04(4-6)_P (460-328839-2), RX-01(0-2)_P (460-328839-4) and RX-01(4-6)_P (460-328839-5) were analyzed for Percent Moisture. The samples were analyzed on 6/23/2025.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328839-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-04(0-2)_P — Lab Sample ID: 460-328839-1

No Detections.

Client Sample ID: RX-04(4-6)_P — Lab Sample ID: 460-328839-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	0.054	J	0.20	0.049	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.13	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.24		0.20	0.11	ug/Kg	1	☼	1633A	Total/NA

Client Sample ID: FB_SO_06182025_P — Lab Sample ID: 460-328839-3

No Detections.

Client Sample ID: RX-01(0-2)_P — Lab Sample ID: 460-328839-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	0.38		0.20	0.11	ug/Kg	1	☼	1633A	Total/NA

Client Sample ID: RX-01(4-6)_P — Lab Sample ID: 460-328839-5

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328839-1

Client Sample ID: RX-04(0-2)_P
Date Collected: 06/18/25 09:55
Date Received: 06/18/25 19:10

Lab Sample ID: 460-328839-1
Matrix: Solid
Percent Solids: 91.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.13	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.060	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.070	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.060	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.070	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.070	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.070	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.060	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.070	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Perfluorooctanesulfonic acid (PFOS)	0.13	U	0.13	0.13	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.070	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.060	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.10	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.090	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.090	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.080	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.30	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.30	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.060	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.070	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.070	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.090	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1

Client Sample ID: RX-04(0-2)_P

Lab Sample ID: 460-328839-1

Date Collected: 06/18/25 09:55
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 91.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.080	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.40	ug/Kg	☼	06/25/25 08:08	07/02/25 06:21	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*118*		*8 - 130*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
13C5 PFPeA	*129*		*35 - 130*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
13C5 PFHxA	*115*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
13C4 PFHpA	*116*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
13C8 PFOA	*113*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
13C9 PFNA	*110*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
13C6 PFDA	*103*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
13C7 PFUnA	*109*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
13C2 PFTeDA	*93.4*		*20 - 130*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
13C3 PFBS	*104*		*40 - 135*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
13C3 PFHxS	*106*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
13C8 PFOS	*101*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
13C8 FOSA	*90.4*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
d3-NMeFOSAA	*85.7*		*40 - 135*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
d5-NEtFOSAA	*85.5*		*40 - 150*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
13C2 4:2 FTS	*98.8*		*40 - 165*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
13C2 6:2 FTS	*98.8*		*40 - 215*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
13C2 8:2 FTS	*93.7*		*40 - 275*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
13C3 HFPO-DA	*110*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
d7-N-MeFOSE-M	*61.5*		*20 - 130*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
d9-N-EtFOSE-M	*51.7*		*15 - 130*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
d5-NEtPFOSA	*96.5*		*10 - 130*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
d3-NMePFOSA	*94.0*		*10 - 130*	*06/25/25 08:08*	*07/02/25 06:21*	*1*
13C2 PFDoA	*104*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.2**		1.0	1.0	%			06/23/25 06:42	1

Client Sample ID: RX-04(4-6)_P

Lab Sample ID: 460-328839-2

Date Collected: 06/18/25 10:05
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 88.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.13	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Perfluoropentanoic acid (PFPeA)	**0.054**	**J**	0.20	0.049	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.059	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Perfluorooctanoic acid (PFOA)	**0.13**	**J**	0.20	0.059	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1

Client Sample ID: RX-04(4-6)_P
Lab Sample ID: 460-328839-2
Date Collected: 06/18/25 10:05
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 88.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.059	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.049	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.049	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.049	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.059	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.049	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Perfluorooctanesulfonic acid (PFOS)	**0.24**		0.20	0.11	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.049	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.059	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.098	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.13	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.13	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.088	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.088	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.078	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.29	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.29	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.059	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.049	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.088	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.078	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.049	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1

Client Sample ID: RX-04(4-6)_P

Lab Sample ID: 460-328839-2

Date Collected: 06/18/25 10:05
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 88.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.39	ug/Kg	☼	06/25/25 08:08	07/02/25 06:34	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*109*		*8 - 130*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
13C5 PFPeA	*120*		*35 - 130*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
13C5 PFHxA	*110*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
13C4 PFHpA	*103*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
13C8 PFOA	*103*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
13C9 PFNA	*101*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
13C6 PFDA	*101*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
13C7 PFUnA	*98.7*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
13C2 PFTeDA	*84.9*		*20 - 130*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
13C3 PFBS	*105*		*40 - 135*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
13C3 PFHxS	*97.9*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
13C8 PFOS	*97.9*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
13C8 FOSA	*83.0*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
d3-NMeFOSAA	*82.6*		*40 - 135*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
d5-NEtFOSAA	*77.2*		*40 - 150*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
13C2 4:2 FTS	*99.1*		*40 - 165*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
13C2 6:2 FTS	*93.6*		*40 - 215*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
13C2 8:2 FTS	*82.2*		*40 - 275*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
13C3 HFPO-DA	*99.0*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
d7-N-MeFOSE-M	*69.6*		*20 - 130*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
d9-N-EtFOSE-M	*58.3*		*15 - 130*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
d5-NEtPFOSA	*81.0*		*10 - 130*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
d3-NMePFOSA	*80.9*		*10 - 130*	*06/25/25 08:08*	*07/02/25 06:34*	*1*
13C2 PFDoA	*96.7*		*40 - 130*	*06/25/25 08:08*	*07/02/25 06:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.3**		1.0	1.0	%			06/23/25 06:42	1

Client Sample ID: FB_SO_06182025_P

Lab Sample ID: 460-328839-3

Date Collected: 06/18/25 10:20
Matrix: Water
Date Received: 06/18/25 19:10

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.07	U	3.07	0.84	ng/L		06/24/25 06:26	06/25/25 14:06	1
Perfluoropentanoic acid (PFPeA)	1.54	U	1.54	0.46	ng/L		06/24/25 06:26	06/25/25 14:06	1
Perfluorohexanoic acid (PFHxA)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
Perfluoroheptanoic acid (PFHpA)	1.54	U	1.54	0.61	ng/L		06/24/25 06:26	06/25/25 14:06	1
Perfluorooctanoic acid (PFOA)	1.54	U	1.54	0.69	ng/L		06/24/25 06:26	06/25/25 14:06	1
Perfluorononanoic acid (PFNA)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
Perfluorodecanoic acid (PFDA)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
Perfluoroundecanoic acid (PFUnA)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
Perfluorododecanoic acid (PFDoA)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
Perfluorotridecanoic acid (PFTrDA)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1

Client Sample ID: FB_SO_06182025_P
Lab Sample ID: 460-328839-3
Date Collected: 06/18/25 10:20
Matrix: Water
Date Received: 06/18/25 19:10

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotetradecanoic acid (PFTeDA)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
Perfluorobutanesulfonic acid (PFBS)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
Perfluoropentanesulfonic acid (PFPeS)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
Perfluorohexanesulfonic acid (PFHxS)	1.54	U	1.54	0.61	ng/L		06/24/25 06:26	06/25/25 14:06	1
Perfluoroheptanesulfonic acid (PFHpS)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
Perfluorooctanesulfonic acid (PFOS)	1.54	U	1.54	1.0	ng/L		06/24/25 06:26	06/25/25 14:06	1
Perfluorononanesulfonic acid (PFNS)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
Perfluorodecanesulfonic acid (PFDS)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
Perfluorododecanesulfonic acid (PFDoS)	1.54	U *	1.54	0.46	ng/L		06/24/25 06:26	06/25/25 14:06	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.07	U	3.07	0.77	ng/L		06/24/25 06:26	06/25/25 14:06	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.07	U	3.07	0.77	ng/L		06/24/25 06:26	06/25/25 14:06	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.07	U	3.07	0.77	ng/L		06/24/25 06:26	06/25/25 14:06	1
Perfluorooctanesulfonamide (PFOSA)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	7.68	U	7.68	1.92	ng/L		06/24/25 06:26	06/25/25 14:06	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	7.68	U	7.68	3.07	ng/L		06/24/25 06:26	06/25/25 14:06	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.54	U	1.54	1.07	ng/L		06/24/25 06:26	06/25/25 14:06	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.54	U	1.54	0.38	ng/L		06/24/25 06:26	06/25/25 14:06	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.07	U	3.07	0.77	ng/L		06/24/25 06:26	06/25/25 14:06	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	7.68	U	7.68	2.15	ng/L		06/24/25 06:26	06/25/25 14:06	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	7.68	U	7.68	1.92	ng/L		06/24/25 06:26	06/25/25 14:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*97.3*		*5 - 130*	*06/24/25 06:26*	*06/25/25 14:06*	*1*

Client Sample ID: FB_SO_06182025_P

Lab Sample ID: 460-328839-3

Date Collected: 06/18/25 10:20

Matrix: Water

Date Received: 06/18/25 19:10

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFPeA	93.5		40 - 130	06/24/25 06:26	06/25/25 14:06	1
13C5 PFHxA	89.3		40 - 130	06/24/25 06:26	06/25/25 14:06	1
13C4 PFHpA	86.6		40 - 130	06/24/25 06:26	06/25/25 14:06	1
13C8 PFOA	92.0		40 - 130	06/24/25 06:26	06/25/25 14:06	1
13C9 PFNA	92.6		40 - 130	06/24/25 06:26	06/25/25 14:06	1
13C6 PFDA	92.5		40 - 130	06/24/25 06:26	06/25/25 14:06	1
13C7 PFUnA	98.7		30 - 130	06/24/25 06:26	06/25/25 14:06	1
13C2 PFTeDA	87.9		10 - 130	06/24/25 06:26	06/25/25 14:06	1
13C3 PFBS	88.3		40 - 135	06/24/25 06:26	06/25/25 14:06	1
13C3 PFHxS	89.2		40 - 130	06/24/25 06:26	06/25/25 14:06	1
13C8 PFOS	89.4		40 - 130	06/24/25 06:26	06/25/25 14:06	1
13C8 FOSA	72.5		40 - 130	06/24/25 06:26	06/25/25 14:06	1
d3-NMeFOSAA	94.6		40 - 170	06/24/25 06:26	06/25/25 14:06	1
d5-NEtFOSAA	84.1		25 - 135	06/24/25 06:26	06/25/25 14:06	1
13C2 4:2 FTS	91.9		40 - 200	06/24/25 06:26	06/25/25 14:06	1
13C2 6:2 FTS	81.2		40 - 200	06/24/25 06:26	06/25/25 14:06	1
13C2 8:2 FTS	76.1		40 - 300	06/24/25 06:26	06/25/25 14:06	1
13C3 HFPO-DA	85.1		40 - 130	06/24/25 06:26	06/25/25 14:06	1
d7-N-MeFOSE-M	83.7		10 - 130	06/24/25 06:26	06/25/25 14:06	1
d9-N-EtFOSE-M	81.5		10 - 130	06/24/25 06:26	06/25/25 14:06	1
d5-NEtPFOSA	52.2		10 - 130	06/24/25 06:26	06/25/25 14:06	1
d3-NMePFOSA	51.6		10 - 130	06/24/25 06:26	06/25/25 14:06	1
13C2 PFDoA	93.5		10 - 130	06/24/25 06:26	06/25/25 14:06	1

Client Sample ID: RX-01(0-2)_P

Lab Sample ID: 460-328839-4

Date Collected: 06/18/25 14:05

Matrix: Solid

Date Received: 06/18/25 19:10

Percent Solids: 90.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.13	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.060	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.060	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.060	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Perfluorooctanesulfonic acid (PFOS)	**0.38**		0.20	0.11	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328839-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-01(0-2)_P
Lab Sample ID: 460-328839-4
Date Collected: 06/18/25 14:05
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 90.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.060	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.099	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.089	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.089	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.079	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.30	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.30	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.060	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.069	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.089	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.079	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.40	ug/Kg	☼	06/25/25 08:08	07/02/25 07:15	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*109*		*8 - 130*	*06/25/25 08:08*	*07/02/25 07:15*	*1*
13C5 PFPeA	*98.9*		*35 - 130*	*06/25/25 08:08*	*07/02/25 07:15*	*1*
13C5 PFHxA	*92.4*		*40 - 130*	*06/25/25 08:08*	*07/02/25 07:15*	*1*
13C4 PFHpA	*89.8*		*40 - 130*	*06/25/25 08:08*	*07/02/25 07:15*	*1*
13C8 PFOA	*102*		*40 - 130*	*06/25/25 08:08*	*07/02/25 07:15*	*1*
13C9 PFNA	*102*		*40 - 130*	*06/25/25 08:08*	*07/02/25 07:15*	*1*
13C6 PFDA	*95.9*		*40 - 130*	*06/25/25 08:08*	*07/02/25 07:15*	*1*
13C7 PFUnA	*95.5*		*40 - 130*	*06/25/25 08:08*	*07/02/25 07:15*	*1*
13C2 PFTeDA	*91.1*		*20 - 130*	*06/25/25 08:08*	*07/02/25 07:15*	*1*
13C3 PFBS	*105*		*40 - 135*	*06/25/25 08:08*	*07/02/25 07:15*	*1*

Client Sample ID: RX-01(0-2)_P

Lab Sample ID: 460-328839-4

Date Collected: 06/18/25 14:05
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 90.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	101		40 - 130	06/25/25 08:08	07/02/25 07:15	1
13C8 PFOS	94.6		40 - 130	06/25/25 08:08	07/02/25 07:15	1
13C8 FOSA	87.2		40 - 130	06/25/25 08:08	07/02/25 07:15	1
d3-NMeFOSAA	81.2		40 - 135	06/25/25 08:08	07/02/25 07:15	1
d5-NEtFOSAA	79.1		40 - 150	06/25/25 08:08	07/02/25 07:15	1
13C2 4:2 FTS	86.8		40 - 165	06/25/25 08:08	07/02/25 07:15	1
13C2 6:2 FTS	93.1		40 - 215	06/25/25 08:08	07/02/25 07:15	1
13C2 8:2 FTS	92.0		40 - 275	06/25/25 08:08	07/02/25 07:15	1
13C3 HFPO-DA	86.1		40 - 130	06/25/25 08:08	07/02/25 07:15	1
d7-N-MeFOSE-M	69.8		20 - 130	06/25/25 08:08	07/02/25 07:15	1
d9-N-EtFOSE-M	66.3		15 - 130	06/25/25 08:08	07/02/25 07:15	1
d5-NEtPFOSA	84.2		10 - 130	06/25/25 08:08	07/02/25 07:15	1
d3-NMePFOSA	82.1		10 - 130	06/25/25 08:08	07/02/25 07:15	1
13C2 PFDoA	95.2		40 - 130	06/25/25 08:08	07/02/25 07:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.6		1.0	1.0	%			06/23/25 06:42	1

Client Sample ID: RX-01(4-6)_P

Lab Sample ID: 460-328839-5

Date Collected: 06/18/25 14:15
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 85.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.13	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.060	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.070	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.060	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.070	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.070	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.070	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.060	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.070	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.11	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.070	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.060	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.10	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1

Client Sample ID: RX-01(4-6)_P
Lab Sample ID: 460-328839-5
Date Collected: 06/18/25 14:15
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 85.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.090	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.090	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.080	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.30	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.30	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.060	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.070	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.070	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.090	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.080	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.050	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.40	ug/Kg	☼	06/25/25 08:08	07/02/25 07:29	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*103*		*8 - 130*	*06/25/25 08:08*	*07/02/25 07:29*	*1*
13C5 PFPeA	*91.6*		*35 - 130*	*06/25/25 08:08*	*07/02/25 07:29*	*1*
13C5 PFHxA	*90.6*		*40 - 130*	*06/25/25 08:08*	*07/02/25 07:29*	*1*
13C4 PFHpA	*88.2*		*40 - 130*	*06/25/25 08:08*	*07/02/25 07:29*	*1*
13C8 PFOA	*104*		*40 - 130*	*06/25/25 08:08*	*07/02/25 07:29*	*1*
13C9 PFNA	*102*		*40 - 130*	*06/25/25 08:08*	*07/02/25 07:29*	*1*
13C6 PFDA	*102*		*40 - 130*	*06/25/25 08:08*	*07/02/25 07:29*	*1*
13C7 PFUnA	*98.3*		*40 - 130*	*06/25/25 08:08*	*07/02/25 07:29*	*1*
13C2 PFTeDA	*96.2*		*20 - 130*	*06/25/25 08:08*	*07/02/25 07:29*	*1*
13C3 PFBS	*98.8*		*40 - 135*	*06/25/25 08:08*	*07/02/25 07:29*	*1*
13C3 PFHxS	*108*		*40 - 130*	*06/25/25 08:08*	*07/02/25 07:29*	*1*
13C8 PFOS	*108*		*40 - 130*	*06/25/25 08:08*	*07/02/25 07:29*	*1*
13C8 FOSA	*94.8*		*40 - 130*	*06/25/25 08:08*	*07/02/25 07:29*	*1*
d3-NMeFOSAA	*64.5*		*40 - 135*	*06/25/25 08:08*	*07/02/25 07:29*	*1*
d5-NEtFOSAA	*64.6*		*40 - 150*	*06/25/25 08:08*	*07/02/25 07:29*	*1*
13C2 4:2 FTS	*89.8*		*40 - 165*	*06/25/25 08:08*	*07/02/25 07:29*	*1*

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328839-1

Client Sample ID: RX-01(4-6)_P
Date Collected: 06/18/25 14:15
Date Received: 06/18/25 19:10

Lab Sample ID: 460-328839-5
Matrix: Solid
Percent Solids: 85.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 6:2 FTS	86.6		40 - 215	06/25/25 08:08	07/02/25 07:29	1
13C2 8:2 FTS	84.5		40 - 275	06/25/25 08:08	07/02/25 07:29	1
13C3 HFPO-DA	79.1		40 - 130	06/25/25 08:08	07/02/25 07:29	1
d7-N-MeFOSE-M	76.2		20 - 130	06/25/25 08:08	07/02/25 07:29	1
d9-N-EtFOSE-M	70.6		15 - 130	06/25/25 08:08	07/02/25 07:29	1
d5-NEtPFOSA	66.4		10 - 130	06/25/25 08:08	07/02/25 07:29	1
d3-NMePFOSA	77.2		10 - 130	06/25/25 08:08	07/02/25 07:29	1
13C2 PFDoA	105		40 - 130	06/25/25 08:08	07/02/25 07:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.7		1.0	1.0	%			06/23/25 06:42	1

Isotope Dilution Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328839-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(8-130)	(35-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)
460-328839-1	RX-04(0-2)_P	118	129	115	116	113	110	103	109
460-328839-2	RX-04(4-6)_P	109	120	110	103	103	101	101	98.7
460-328839-4	RX-01(0-2)_P	109	98.9	92.4	89.8	102	102	95.9	95.5
460-328839-5	RX-01(4-6)_P	103	91.6	90.6	88.2	104	102	102	98.3
480-230381-A-4-B MS	Matrix Spike	104	110	101	100	103	103	98.2	93.9
480-230381-A-4-C MSD	Matrix Spike Duplicate	107	103	108	98.3	105	99.0	102	100
LCS 410-662487/2-A	Lab Control Sample	120	141 *	132 *	124	113	101	98.7	94.1
LLCS 410-662487/3-A	Lab Control Sample	113	121	124	118	104	110	101	90.4
MB 410-662487/1-A	Method Blank	106	120	114	102	91.5	82.2	69.6	68.1

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(20-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-135)	(40-150)	(40-165)
460-328839-1	RX-04(0-2)_P	93.4	104	106	101	90.4	85.7	85.5	98.8
460-328839-2	RX-04(4-6)_P	84.9	105	97.9	97.9	83.0	82.6	77.2	99.1
460-328839-4	RX-01(0-2)_P	91.1	105	101	94.6	87.2	81.2	79.1	86.8
460-328839-5	RX-01(4-6)_P	96.2	98.8	108	108	94.8	64.5	64.6	89.8
480-230381-A-4-B MS	Matrix Spike	93.6	101	96.1	93.9	81.2	80.9	83.5	85.1
480-230381-A-4-C MSD	Matrix Spike Duplicate	81.3	99.0	94.4	103	79.6	88.0	81.5	84.8
LCS 410-662487/2-A	Lab Control Sample	69.3	119	112	87.4	88.1	84.5	80.6	119
LLCS 410-662487/3-A	Lab Control Sample	66.8	100	93.0	98.2	82.1	85.3	74.7	99.1
MB 410-662487/1-A	Method Blank	78.2	89.2	64.8	50.4	71.8	75.1	68.0	97.2

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-215)	(40-275)	(40-130)	(20-130)	(15-130)	(10-130)	(10-130)	(40-130)
460-328839-1	RX-04(0-2)_P	98.8	93.7	110	61.5	51.7	96.5	94.0	104
460-328839-2	RX-04(4-6)_P	93.6	82.2	99.0	69.6	58.3	81.0	80.9	96.7
460-328839-4	RX-01(0-2)_P	93.1	92.0	86.1	69.8	66.3	84.2	82.1	95.2
460-328839-5	RX-01(4-6)_P	86.6	84.5	79.1	76.2	70.6	66.4	77.2	105
480-230381-A-4-B MS	Matrix Spike	99.4	88.4	103	53.7	51.1	71.3	77.7	90.2
480-230381-A-4-C MSD	Matrix Spike Duplicate	94.0	88.1	95.0	56.3	50.9	69.8	75.7	89.3
LCS 410-662487/2-A	Lab Control Sample	124	98.7	117	60.9	50.5	70.3	79.5	92.9
LLCS 410-662487/3-A	Lab Control Sample	99.3	89.2	115	42.0	34.3	64.2	75.3	83.5
MB 410-662487/1-A	Method Blank	92.7	75.6	112	65.2	62.7	63.9	68.4	73.1

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA

d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(5-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(30-130)
460-328839-3	FB_SO_06182025_P	97.3	93.5	89.3	86.6	92.0	92.6	92.5	98.7
LCS 410-661742/2-A	Lab Control Sample	96.0	92.3	90.7	84.0	80.5	70.5	69.1	75.9
LCSD 410-661742/3-A	Lab Control Sample Dup	98.3	91.6	93.8	88.3	93.1	81.9	75.9	73.4
LLCS 410-661742/4-A	Lab Control Sample	97.5	95.3	95.0	91.9	93.9	87.1	77.2	74.3
MB 410-661742/1-A	Method Blank	93.4	88.6	92.5	86.7	89.5	81.2	72.9	70.9

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(10-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-170)	(25-135)	(40-200)
460-328839-3	FB_SO_06182025_P	87.9	88.3	89.2	89.4	72.5	94.6	84.1	91.9
LCS 410-661742/2-A	Lab Control Sample	25.4	88.7	77.0	67.8	69.3	70.2	68.7	92.5
LCSD 410-661742/3-A	Lab Control Sample Dup	47.8	90.5	85.7	71.4	73.6	82.7	76.5	93.9
LLCS 410-661742/4-A	Lab Control Sample	58.2	92.9	87.4	70.9	72.3	82.3	76.9	93.4
MB 410-661742/1-A	Method Blank	59.0	85.5	84.3	68.5	65.8	69.5	70.3	89.7

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-200)	(40-300)	(40-130)	(10-130)	(10-130)	(10-130)	(10-130)	(10-130)
460-328839-3	FB_SO_06182025_P	81.2	76.1	85.1	83.7	81.5	52.2	51.6	93.5
LCS 410-661742/2-A	Lab Control Sample	74.4	62.4	84.5	83.8	82.5	64.1	61.3	66.9
LCSD 410-661742/3-A	Lab Control Sample Dup	80.6	69.6	84.0	85.0	83.0	58.9	57.4	71.6
LLCS 410-661742/4-A	Lab Control Sample	87.0	70.5	91.9	89.4	86.2	68.9	68.1	71.7
MB 410-661742/1-A	Method Blank	80.7	66.0	82.4	78.3	75.5	57.7	56.4	66.6

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS

Isotope Dilution Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328839-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328839-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-661742/1-A
Matrix: Water
Analysis Batch: 662436

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 661742

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.00	U	4.00	1.10	ng/L		06/24/25 06:26	06/25/25 11:50	1
Perfluoropentanoic acid (PFPeA)	2.00	U	2.00	0.60	ng/L		06/24/25 06:26	06/25/25 11:50	1
Perfluorohexanoic acid (PFHxA)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
Perfluoroheptanoic acid (PFHpA)	2.00	U	2.00	0.80	ng/L		06/24/25 06:26	06/25/25 11:50	1
Perfluorooctanoic acid (PFOA)	2.00	U	2.00	0.90	ng/L		06/24/25 06:26	06/25/25 11:50	1
Perfluorononanoic acid (PFNA)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
Perfluorodecanoic acid (PFDA)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
Perfluoroundecanoic acid (PFUnA)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
Perfluorododecanoic acid (PFDoA)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
Perfluorotridecanoic acid (PFTrDA)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
Perfluorotetradecanoic acid (PFTeDA)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
Perfluorobutanesulfonic acid (PFBS)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
Perfluoropentanesulfonic acid (PFPeS)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
Perfluorohexanesulfonic acid (PFHxS)	2.00	U	2.00	0.80	ng/L		06/24/25 06:26	06/25/25 11:50	1
Perfluoroheptanesulfonic acid (PFHpS)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
Perfluorooctanesulfonic acid (PFOS)	2.00	U	2.00	1.30	ng/L		06/24/25 06:26	06/25/25 11:50	1
Perfluorononanesulfonic acid (PFNS)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
Perfluorodecanesulfonic acid (PFDS)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
Perfluorododecanesulfonic acid (PFDoS)	2.00	U	2.00	0.60	ng/L		06/24/25 06:26	06/25/25 11:50	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.00	U	4.00	1.00	ng/L		06/24/25 06:26	06/25/25 11:50	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.00	U	4.00	1.00	ng/L		06/24/25 06:26	06/25/25 11:50	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.00	U	4.00	1.00	ng/L		06/24/25 06:26	06/25/25 11:50	1
Perfluorooctanesulfonamide (PFOSA)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	10.0	U	10.0	2.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	10.0	U	10.0	4.00	ng/L		06/24/25 06:26	06/25/25 11:50	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	U	2.00	1.40	ng/L		06/24/25 06:26	06/25/25 11:50	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-661742/1-A
Matrix: Water
Analysis Batch: 662436

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 661742

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.00	U	2.00	0.50	ng/L		06/24/25 06:26	06/25/25 11:50	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	4.00	U	4.00	1.00	ng/L		06/24/25 06:26	06/25/25 11:50	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	10.0	U	10.0	2.80	ng/L		06/24/25 06:26	06/25/25 11:50	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	10.0	U	10.0	2.50	ng/L		06/24/25 06:26	06/25/25 11:50	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*93.4*		*5 - 130*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
13C5 PFPeA	*88.6*		*40 - 130*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
13C5 PFHxA	*92.5*		*40 - 130*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
13C4 PFHpA	*86.7*		*40 - 130*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
13C8 PFOA	*89.5*		*40 - 130*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
13C9 PFNA	*81.2*		*40 - 130*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
13C6 PFDA	*72.9*		*40 - 130*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
13C7 PFUnA	*70.9*		*30 - 130*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
13C2 PFTeDA	*59.0*		*10 - 130*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
13C3 PFBS	*85.5*		*40 - 135*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
13C3 PFHxS	*84.3*		*40 - 130*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
13C8 PFOS	*68.5*		*40 - 130*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
13C8 FOSA	*65.8*		*40 - 130*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
d3-NMeFOSAA	*69.5*		*40 - 170*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
d5-NEtFOSAA	*70.3*		*25 - 135*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
13C2 4:2 FTS	*89.7*		*40 - 200*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
13C2 6:2 FTS	*80.7*		*40 - 200*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
13C2 8:2 FTS	*66.0*		*40 - 300*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
13C3 HFPO-DA	*82.4*		*40 - 130*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
d7-N-MeFOSE-M	*78.3*		*10 - 130*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
d9-N-EtFOSE-M	*75.5*		*10 - 130*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
d5-NEtPFOSA	*57.7*		*10 - 130*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
d3-NMePFOSA	*56.4*		*10 - 130*	*06/24/25 06:26*	*06/25/25 11:50*	*1*
13C2 PFDoA	*66.6*		*10 - 130*	*06/24/25 06:26*	*06/25/25 11:50*	*1*

Lab Sample ID: LCS 410-661742/2-A
Matrix: Water
Analysis Batch: 662436

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 661742

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	80.0	69.29		ng/L		87	70 - 140
Perfluoropentanoic acid (PFPeA)	40.0	34.76		ng/L		87	65 - 135
Perfluorohexanoic acid (PFHxA)	40.0	36.36		ng/L		91	70 - 145
Perfluoroheptanoic acid (PFHpA)	40.0	35.71		ng/L		89	70 - 150
Perfluorooctanoic acid (PFOA)	40.0	36.84		ng/L		92	70 - 150
Perfluorononanoic acid (PFNA)	40.0	39.20		ng/L		98	70 - 150
Perfluorodecanoic acid (PFDA)	40.0	36.20		ng/L		90	70 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-661742/2-A
Matrix: Water
Analysis Batch: 662436

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 661742

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	40.0	35.52		ng/L		89	70 - 145
Perfluorododecanoic acid (PFDoA)	40.0	34.38		ng/L		86	70 - 140
Perfluorotridecanoic acid (PFTrDA)	40.0	28.17		ng/L		70	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	40.0	38.35		ng/L		96	60 - 140
Perfluorobutanesulfonic acid (PFBS)	35.5	32.71		ng/L		92	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	37.6	40.91		ng/L		109	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	36.5	37.34		ng/L		102	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	38.2	38.99		ng/L		102	70 - 150
Perfluorooctanesulfonic acid (PFOS)	37.2	36.79		ng/L		99	55 - 150
Perfluorononanesulfonic acid (PFNS)	38.5	37.39		ng/L		97	65 - 145
Perfluorodecanesulfonic acid (PFDS)	38.6	31.13		ng/L		81	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	38.8	11.32	*	ng/L		29	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	64.44		ng/L		86	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	70.30		ng/L		92	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	72.69		ng/L		95	60 - 150
Perfluorooctanesulfonamide (PFOSA)	40.0	42.09		ng/L		105	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	41.34		ng/L		103	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	40.29		ng/L		101	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	40.31		ng/L		101	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	40.78		ng/L		102	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	180.0		ng/L		90	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	177.0		ng/L		88	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.0	29.31		ng/L		98	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	38.55		ng/L		102	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	36.79		ng/L		92	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	33.38		ng/L		83	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	40.0	35.57		ng/L		89	50 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-661742/2-A
Matrix: Water
Analysis Batch: 662436

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 661742

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			37.4	38.58		ng/L		103	70 - 155		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			37.8	31.56		ng/L		84	55 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			35.7	33.59		ng/L		94	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			80.0	70.20		ng/L		88	65 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			200	167.0		ng/L		84	70 - 135		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			200	120.6		ng/L		60	50 - 145		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*96.0*		*5 - 130*
13C5 PFPeA	*92.3*		*40 - 130*
13C5 PFHxA	*90.7*		*40 - 130*
13C4 PFHpA	*84.0*		*40 - 130*
13C8 PFOA	*80.5*		*40 - 130*
13C9 PFNA	*70.5*		*40 - 130*
13C6 PFDA	*69.1*		*40 - 130*
13C7 PFUnA	*75.9*		*30 - 130*
13C2 PFTeDA	*25.4*		*10 - 130*
13C3 PFBS	*88.7*		*40 - 135*
13C3 PFHxS	*77.0*		*40 - 130*
13C8 PFOS	*67.8*		*40 - 130*
13C8 FOSA	*69.3*		*40 - 130*
d3-NMeFOSAA	*70.2*		*40 - 170*
d5-NEtFOSAA	*68.7*		*25 - 135*
13C2 4:2 FTS	*92.5*		*40 - 200*
13C2 6:2 FTS	*74.4*		*40 - 200*
13C2 8:2 FTS	*62.4*		*40 - 300*
13C3 HFPO-DA	*84.5*		*40 - 130*
d7-N-MeFOSE-M	*83.8*		*10 - 130*
d9-N-EtFOSE-M	*82.5*		*10 - 130*
d5-NEtPFOSA	*64.1*		*10 - 130*
d3-NMePFOSA	*61.3*		*10 - 130*
13C2 PFDoA	*66.9*		*10 - 130*

Lab Sample ID: LCSD 410-661742/3-A
Matrix: Water
Analysis Batch: 662436

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 661742

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			80.0	72.79		ng/L		91	70 - 140	5	30
Perfluoropentanoic acid (PFPeA)			40.0	36.45		ng/L		91	65 - 135	5	30
Perfluorohexanoic acid (PFHxA)			40.0	34.81		ng/L		87	70 - 145	4	30
Perfluoroheptanoic acid (PFHpA)			40.0	36.71		ng/L		92	70 - 150	3	30
Perfluorooctanoic acid (PFOA)			40.0	36.87		ng/L		92	70 - 150	0	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-661742/3-A
Matrix: Water
Analysis Batch: 662436

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 661742

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorononanoic acid (PFNA)	40.0	38.40		ng/L		96	70 - 150	2	30
Perfluorodecanoic acid (PFDA)	40.0	35.26		ng/L		88	70 - 140	3	30
Perfluoroundecanoic acid (PFUnA)	40.0	38.24		ng/L		96	70 - 145	7	30
Perfluorododecanoic acid (PFDoA)	40.0	36.21		ng/L		91	70 - 140	5	30
Perfluorotridecanoic acid (PFTrDA)	40.0	34.66		ng/L		87	65 - 140	21	30
Perfluorotetradecanoic acid (PFTeDA)	40.0	39.34		ng/L		98	60 - 140	3	30
Perfluorobutanesulfonic acid (PFBS)	35.5	31.80		ng/L		90	60 - 145	3	30
Perfluoropentanesulfonic acid (PFPeS)	37.6	39.90		ng/L		106	65 - 140	3	30
Perfluorohexanesulfonic acid (PFHxS)	36.5	38.10		ng/L		104	65 - 145	2	30
Perfluoroheptanesulfonic acid (PFHpS)	38.2	41.62		ng/L		109	70 - 150	7	30
Perfluorooctanesulfonic acid (PFOS)	37.2	36.68		ng/L		99	55 - 150	0	30
Perfluorononanesulfonic acid (PFNS)	38.5	36.72		ng/L		95	65 - 145	2	30
Perfluorodecanesulfonic acid (PFDS)	38.6	35.05		ng/L		91	60 - 145	12	30
Perfluorododecanesulfonic acid (PFDoS)	38.8	23.41	*	ng/L		60	50 - 145	70	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	68.62		ng/L		91	70 - 145	6	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	69.77		ng/L		92	65 - 155	1	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	71.31		ng/L		93	60 - 150	2	30
Perfluorooctanesulfonamide (PFOSA)	40.0	41.64		ng/L		104	70 - 145	1	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	41.95		ng/L		105	60 - 150	1	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	40.63		ng/L		102	65 - 145	1	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	35.44		ng/L		89	50 - 140	13	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	37.85		ng/L		95	70 - 145	7	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	180.5		ng/L		90	70 - 145	0	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	180.7		ng/L		90	70 - 135	2	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.0	29.54		ng/L		98	70 - 140	1	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	40.43		ng/L		107	65 - 145	5	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	37.48		ng/L		94	55 - 140	2	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	35.15		ng/L		88	60 - 150	5	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-661742/3-A
Matrix: Water
Analysis Batch: 662436

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 661742

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			40.0	35.36		ng/L		88	50 - 150	1	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			37.4	39.27		ng/L		105	70 - 155	2	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			37.8	36.44		ng/L		97	55 - 160	14	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			35.7	32.25		ng/L		90	70 - 140	4	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			80.0	69.60		ng/L		87	65 - 130	1	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			200	159.6		ng/L		80	70 - 135	5	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			200	122.3		ng/L		61	50 - 145	1	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*98.3*		*5 - 130*
13C5 PFPeA	*91.6*		*40 - 130*
13C5 PFHxA	*93.8*		*40 - 130*
13C4 PFHpA	*88.3*		*40 - 130*
13C8 PFOA	*93.1*		*40 - 130*
13C9 PFNA	*81.9*		*40 - 130*
13C6 PFDA	*75.9*		*40 - 130*
13C7 PFUnA	*73.4*		*30 - 130*
13C2 PFTeDA	*47.8*		*10 - 130*
13C3 PFBS	*90.5*		*40 - 135*
13C3 PFHxS	*85.7*		*40 - 130*
13C8 PFOS	*71.4*		*40 - 130*
13C8 FOSA	*73.6*		*40 - 130*
d3-NMeFOSAA	*82.7*		*40 - 170*
d5-NEtFOSAA	*76.5*		*25 - 135*
13C2 4:2 FTS	*93.9*		*40 - 200*
13C2 6:2 FTS	*80.6*		*40 - 200*
13C2 8:2 FTS	*69.6*		*40 - 300*
13C3 HFPO-DA	*84.0*		*40 - 130*
d7-N-MeFOSE-M	*85.0*		*10 - 130*
d9-N-EtFOSE-M	*83.0*		*10 - 130*
d5-NEtPFOSA	*58.9*		*10 - 130*
d3-NMePFOSA	*57.4*		*10 - 130*
13C2 PFDoA	*71.6*		*10 - 130*

Lab Sample ID: LLCS 410-661742/4-A
Matrix: Water
Analysis Batch: 662436

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 661742

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)			8.00	6.887		ng/L		86	70 - 140
Perfluoropentanoic acid (PFPeA)			4.00	3.541		ng/L		89	65 - 135
Perfluorohexanoic acid (PFHxA)			4.00	3.415		ng/L		85	70 - 145

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-661742/4-A
Matrix: Water
Analysis Batch: 662436

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 661742

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanoic acid (PFHpA)	4.00	3.676		ng/L		92	70 - 150
Perfluorooctanoic acid (PFOA)	4.00	3.190		ng/L		80	70 - 150
Perfluorononanoic acid (PFNA)	4.00	3.787		ng/L		95	70 - 150
Perfluorodecanoic acid (PFDA)	4.00	3.370		ng/L		84	70 - 140
Perfluoroundecanoic acid (PFUnA)	4.00	3.437		ng/L		86	70 - 145
Perfluorododecanoic acid (PFDoA)	4.00	3.270		ng/L		82	70 - 140
Perfluorotridecanoic acid (PFTrDA)	4.00	3.484		ng/L		87	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	4.00	4.047		ng/L		101	60 - 140
Perfluorobutanesulfonic acid (PFBS)	3.55	2.798		ng/L		79	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	3.76	3.550		ng/L		94	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	3.65	3.135		ng/L		86	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	3.82	3.994		ng/L		105	70 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	3.413		ng/L		92	55 - 150
Perfluorononanesulfonic acid (PFNS)	3.85	3.264		ng/L		85	65 - 145
Perfluorodecanesulfonic acid (PFDS)	3.86	3.252		ng/L		84	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	3.88	2.481		ng/L		64	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	7.50	6.447		ng/L		86	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	7.62	6.576		ng/L		86	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	7.68	7.116		ng/L		93	60 - 150
Perfluorooctanesulfonamide (PFOSA)	4.00	4.263		ng/L		107	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	4.00	3.704		ng/L		93	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	4.00	3.853		ng/L		96	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.00	3.481		ng/L		87	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.00	3.225		ng/L		81	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	16.63		ng/L		83	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	17.46		ng/L		87	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	3.00	2.754		ng/L		92	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	3.78	3.373		ng/L		89	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.00	3.443		ng/L		86	55 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-661742/4-A
Matrix: Water
Analysis Batch: 662436

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 661742

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluoro-4-methoxybutanoic acid (PFMBA)			4.00	3.193		ng/L		80	60 - 150		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			4.00	3.586		ng/L		90	50 - 150		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			3.74	3.425		ng/L		92	70 - 155		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			3.78	3.535		ng/L		94	55 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			3.57	3.036		ng/L		85	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			8.00	6.752		ng/L		84	65 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			20.0	17.66		ng/L		88	70 - 135		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			20.0	13.00		ng/L		65	50 - 145		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*97.5*		*5 - 130*
13C5 PFPeA	*95.3*		*40 - 130*
13C5 PFHxA	*95.0*		*40 - 130*
13C4 PFHpA	*91.9*		*40 - 130*
13C8 PFOA	*93.9*		*40 - 130*
13C9 PFNA	*87.1*		*40 - 130*
13C6 PFDA	*77.2*		*40 - 130*
13C7 PFUnA	*74.3*		*30 - 130*
13C2 PFTeDA	*58.2*		*10 - 130*
13C3 PFBS	*92.9*		*40 - 135*
13C3 PFHxS	*87.4*		*40 - 130*
13C8 PFOS	*70.9*		*40 - 130*
13C8 FOSA	*72.3*		*40 - 130*
d3-NMeFOSAA	*82.3*		*40 - 170*
d5-NEtFOSAA	*76.9*		*25 - 135*
13C2 4:2 FTS	*93.4*		*40 - 200*
13C2 6:2 FTS	*87.0*		*40 - 200*
13C2 8:2 FTS	*70.5*		*40 - 300*
13C3 HFPO-DA	*91.9*		*40 - 130*
d7-N-MeFOSE-M	*89.4*		*10 - 130*
d9-N-EtFOSE-M	*86.2*		*10 - 130*
d5-NEtPFOSA	*68.9*		*10 - 130*
d3-NMePFOSA	*68.1*		*10 - 130*
13C2 PFDoA	*71.7*		*10 - 130*

Lab Sample ID: MB 410-662487/1-A
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 662487

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.13	ug/Kg		06/25/25 08:08	07/02/25 04:46	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-662487/1-A
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 662487

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.050	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.059	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.069	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.059	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.050	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.050	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.050	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.069	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.069	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.069	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.059	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.050	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.069	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.11	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.069	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.050	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.059	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.099	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.13	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.13	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.089	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.089	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.079	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.30	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.30	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.059	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.069	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.050	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.069	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.089	ug/Kg		06/25/25 08:08	07/02/25 04:46	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-662487/1-A
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 662487

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.079	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.050	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg		06/25/25 08:08	07/02/25 04:46	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.40	ug/Kg		06/25/25 08:08	07/02/25 04:46	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*106*		*8 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C5 PFPeA	*120*		*35 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C5 PFHxA	*114*		*40 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C4 PFHpA	*102*		*40 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C8 PFOA	*91.5*		*40 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C9 PFNA	*82.2*		*40 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C6 PFDA	*69.6*		*40 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C7 PFUnA	*68.1*		*40 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C2 PFTeDA	*78.2*		*20 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C3 PFBS	*89.2*		*40 - 135*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C3 PFHxS	*64.8*		*40 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C8 PFOS	*50.4*		*40 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C8 FOSA	*71.8*		*40 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
d3-NMeFOSAA	*75.1*		*40 - 135*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
d5-NEtFOSAA	*68.0*		*40 - 150*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C2 4:2 FTS	*97.2*		*40 - 165*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C2 6:2 FTS	*92.7*		*40 - 215*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C2 8:2 FTS	*75.6*		*40 - 275*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C3 HFPO-DA	*112*		*40 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
d7-N-MeFOSE-M	*65.2*		*20 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
d9-N-EtFOSE-M	*62.7*		*15 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
d5-NEtPFOSA	*63.9*		*10 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
d3-NMePFOSA	*68.4*		*10 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*
13C2 PFDoA	*73.1*		*40 - 130*	*06/25/25 08:08*	*07/02/25 04:46*	*1*

Lab Sample ID: LCS 410-662487/2-A
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 662487

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	4.93	4.208		ug/Kg		85	70 - 140
Perfluoropentanoic acid (PFPeA)	2.46	2.013		ug/Kg		82	60 - 150
Perfluorohexanoic acid (PFHxA)	2.46	1.998		ug/Kg		81	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.46	2.225		ug/Kg		90	65 - 145
Perfluorooctanoic acid (PFOA)	2.46	1.994		ug/Kg		81	70 - 150
Perfluorononanoic acid (PFNA)	2.46	2.166		ug/Kg		88	70 - 155
Perfluorodecanoic acid (PFDA)	2.46	2.158		ug/Kg		88	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-662487/2-A
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 662487

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	2.46	2.011		ug/Kg		82	70 - 155
Perfluorododecanoic acid (PFDoA)	2.46	1.897		ug/Kg		77	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.46	1.972		ug/Kg		80	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.46	2.004		ug/Kg		81	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.19	1.970		ug/Kg		90	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.32	2.105		ug/Kg		91	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.25	1.954		ug/Kg		87	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.35	2.132		ug/Kg		91	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.29	1.866		ug/Kg		81	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.37	2.051		ug/Kg		87	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.37	2.157		ug/Kg		91	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.39	1.660		ug/Kg		69	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.62	4.220		ug/Kg		91	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.69	3.785		ug/Kg		81	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.73	4.131		ug/Kg		87	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.46	2.389		ug/Kg		97	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.46	2.197		ug/Kg		89	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.46	2.252		ug/Kg		91	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.46	2.095		ug/Kg		85	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.46	2.028		ug/Kg		82	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.3	10.80		ug/Kg		88	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.3	11.34		ug/Kg		92	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.85	1.717		ug/Kg		93	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.33	2.348		ug/Kg		101	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.46	2.248		ug/Kg		91	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.46	1.951		ug/Kg		79	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.46	2.045		ug/Kg		83	60 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-662487/2-A
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 662487

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.30	2.043		ug/Kg		89	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.33	2.004		ug/Kg		86	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.20	1.895		ug/Kg		86	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			4.93	4.179		ug/Kg		85	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.3	10.15		ug/Kg		82	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.3	8.537		ug/Kg		69	60 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*120*		*8 - 130*
13C5 PFPeA	*141*	*	*35 - 130*
13C5 PFHxA	*132*	*	*40 - 130*
13C4 PFHpA	*124*		*40 - 130*
13C8 PFOA	*113*		*40 - 130*
13C9 PFNA	*101*		*40 - 130*
13C6 PFDA	*98.7*		*40 - 130*
13C7 PFUnA	*94.1*		*40 - 130*
13C2 PFTeDA	*69.3*		*20 - 130*
13C3 PFBS	*119*		*40 - 135*
13C3 PFHxS	*112*		*40 - 130*
13C8 PFOS	*87.4*		*40 - 130*
13C8 FOSA	*88.1*		*40 - 130*
d3-NMeFOSAA	*84.5*		*40 - 135*
d5-NEtFOSAA	*80.6*		*40 - 150*
13C2 4:2 FTS	*119*		*40 - 165*
13C2 6:2 FTS	*124*		*40 - 215*
13C2 8:2 FTS	*98.7*		*40 - 275*
13C3 HFPO-DA	*117*		*40 - 130*
d7-N-MeFOSE-M	*60.9*		*20 - 130*
d9-N-EtFOSE-M	*50.5*		*15 - 130*
d5-NEtPFOSA	*70.3*		*10 - 130*
d3-NMePFOSA	*79.5*		*10 - 130*
13C2 PFDoA	*92.9*		*40 - 130*

Lab Sample ID: LLCS 410-662487/3-A
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 662487

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorobutanoic acid (PFBA)			0.488	0.401		ug/Kg		82	70 - 140		
Perfluoropentanoic acid (PFPeA)			0.244	0.213		ug/Kg		87	60 - 150		
Perfluorohexanoic acid (PFHxA)			0.244	0.191	J	ug/Kg		78	65 - 140		
Perfluoroheptanoic acid (PFHpA)			0.244	0.198	J	ug/Kg		81	65 - 145		
Perfluorooctanoic acid (PFOA)			0.244	0.195	J	ug/Kg		80	70 - 150		

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-662487/3-A
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 662487

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanoic acid (PFNA)	0.244	0.220		ug/Kg		90	70 - 155
Perfluorodecanoic acid (PFDA)	0.244	0.191	J	ug/Kg		78	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.244	0.176	J	ug/Kg		72	70 - 155
Perfluorododecanoic acid (PFDoA)	0.244	0.183	J	ug/Kg		75	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.244	0.184	J	ug/Kg		75	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.244	0.181	J	ug/Kg		74	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.217	0.176	J	ug/Kg		81	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.229	0.196	J	ug/Kg		85	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.222	0.198	J	ug/Kg		89	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.233	0.192	J	ug/Kg		83	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.227	0.181	J	ug/Kg		80	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.235	0.151	J	ug/Kg		65	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.235	0.161	J	ug/Kg		69	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.237	0.127	J	ug/Kg		53	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.458	0.401		ug/Kg		88	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.464	0.367	J	ug/Kg		79	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.468	0.423		ug/Kg		90	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.244	0.238		ug/Kg		98	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.244	0.189	J	ug/Kg		78	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.244	0.209		ug/Kg		86	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.244	0.172	J	ug/Kg		70	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.244	0.184	J	ug/Kg		75	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.22	1.243		ug/Kg		102	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.22	1.321		ug/Kg		108	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.183	0.152	J	ug/Kg		83	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.231	0.193	J	ug/Kg		83	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.244	0.201		ug/Kg		82	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.244	0.197	J	ug/Kg		81	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-662487/3-A
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 662487

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			0.244	0.205		ug/Kg		84	60 - 155		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			0.228	0.191	J	ug/Kg		84	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			0.230	0.129	J	ug/Kg		56	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			0.218	0.173	J	ug/Kg		79	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			0.488	0.453		ug/Kg		93	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			1.22	0.846	J	ug/Kg		69	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			1.22	0.819	J	ug/Kg		67	60 - 150		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*113*		*8 - 130*
13C5 PFPeA	*121*		*35 - 130*
13C5 PFHxA	*124*		*40 - 130*
13C4 PFHpA	*118*		*40 - 130*
13C8 PFOA	*104*		*40 - 130*
13C9 PFNA	*110*		*40 - 130*
13C6 PFDA	*101*		*40 - 130*
13C7 PFUnA	*90.4*		*40 - 130*
13C2 PFTeDA	*66.8*		*20 - 130*
13C3 PFBS	*100*		*40 - 135*
13C3 PFHxS	*93.0*		*40 - 130*
13C8 PFOS	*98.2*		*40 - 130*
13C8 FOSA	*82.1*		*40 - 130*
d3-NMeFOSAA	*85.3*		*40 - 135*
d5-NEtFOSAA	*74.7*		*40 - 150*
13C2 4:2 FTS	*99.1*		*40 - 165*
13C2 6:2 FTS	*99.3*		*40 - 215*
13C2 8:2 FTS	*89.2*		*40 - 275*
13C3 HFPO-DA	*115*		*40 - 130*
d7-N-MeFOSE-M	*42.0*		*20 - 130*
d9-N-EtFOSE-M	*34.3*		*15 - 130*
d5-NEtPFOSA	*64.2*		*10 - 130*
d3-NMePFOSA	*75.3*		*10 - 130*
13C2 PFDoA	*83.5*		*40 - 130*

Lab Sample ID: 480-230381-A-4-B MS
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 662487

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorobutanoic acid (PFBA)	0.40	U	4.83	4.041		ug/Kg	☼	84	70 - 140		
Perfluoropentanoic acid (PFPeA)	0.20	U	2.42	2.061		ug/Kg	☼	85	60 - 150		
Perfluorohexanoic acid (PFHxA)	0.20	U	2.42	2.189		ug/Kg	☼	91	65 - 140		

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-230381-A-4-B MS
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 662487

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanoic acid (PFHpA)	0.20	U	2.42	2.193		ug/Kg	☼	91	65 - 145
Perfluorooctanoic acid (PFOA)	0.20	U	2.42	1.995		ug/Kg	☼	83	70 - 150
Perfluorononanoic acid (PFNA)	0.20	U	2.42	1.971		ug/Kg	☼	82	70 - 155
Perfluorodecanoic acid (PFDA)	0.20	U	2.42	1.828		ug/Kg	☼	76	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.20	U	2.42	1.869		ug/Kg	☼	77	70 - 155
Perfluorododecanoic acid (PFDoA)	0.20	U	2.42	2.060		ug/Kg	☼	85	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.20	U	2.42	2.080		ug/Kg	☼	86	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	2.42	1.887		ug/Kg	☼	78	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.20	U	2.15	1.926		ug/Kg	☼	90	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	2.27	2.131		ug/Kg	☼	94	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	2.20	2.173		ug/Kg	☼	99	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	2.31	2.196		ug/Kg	☼	95	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.20	U	2.25	1.916		ug/Kg	☼	85	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.20	U	2.32	1.940		ug/Kg	☼	83	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.20	U	2.33	1.983		ug/Kg	☼	85	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	2.34	1.689		ug/Kg	☼	72	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	4.53	3.984		ug/Kg	☼	88	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	4.60	4.206		ug/Kg	☼	91	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	4.64	3.963		ug/Kg	☼	85	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.20	U	2.42	2.425		ug/Kg	☼	100	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	2.42	2.112		ug/Kg	☼	87	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	2.42	2.120		ug/Kg	☼	88	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	2.42	2.028		ug/Kg	☼	84	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	2.42	2.141		ug/Kg	☼	89	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	12.1	10.71		ug/Kg	☼	89	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	12.1	10.84		ug/Kg	☼	90	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	1.81	1.552		ug/Kg	☼	86	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	2.29	2.075		ug/Kg	☼	91	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	2.42	2.080		ug/Kg	☼	86	30 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-230381-A-4-B MS
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 662487

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	2.42	1.967		ug/Kg	☼	81	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	2.42	2.186		ug/Kg	☼	90	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	2.26	1.910		ug/Kg	☼	85	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	2.28	1.812		ug/Kg	☼	79	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	2.16	1.974		ug/Kg	☼	92	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	4.83	4.368		ug/Kg	☼	90	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	12.1	10.70		ug/Kg	☼	89	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	12.1	9.811		ug/Kg	☼	81	60 - 150

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4 PFBA	*104*		*8 - 130*
13C5 PFPeA	*110*		*35 - 130*
13C5 PFHxA	*101*		*40 - 130*
13C4 PFHpA	*100*		*40 - 130*
13C8 PFOA	*103*		*40 - 130*
13C9 PFNA	*103*		*40 - 130*
13C6 PFDA	*98.2*		*40 - 130*
13C7 PFUnA	*93.9*		*40 - 130*
13C2 PFTeDA	*93.6*		*20 - 130*
13C3 PFBS	*101*		*40 - 135*
13C3 PFHxS	*96.1*		*40 - 130*
13C8 PFOS	*93.9*		*40 - 130*
13C8 FOSA	*81.2*		*40 - 130*
d3-NMeFOSAA	*80.9*		*40 - 135*
d5-NEtFOSAA	*83.5*		*40 - 150*
13C2 4:2 FTS	*85.1*		*40 - 165*
13C2 6:2 FTS	*99.4*		*40 - 215*
13C2 8:2 FTS	*88.4*		*40 - 275*
13C3 HFPO-DA	*103*		*40 - 130*
d7-N-MeFOSE-M	*53.7*		*20 - 130*
d9-N-EtFOSE-M	*51.1*		*15 - 130*
d5-NEtPFOSA	*71.3*		*10 - 130*
d3-NMePFOSA	*77.7*		*10 - 130*
13C2 PFDoA	*90.2*		*40 - 130*

Lab Sample ID: 480-230381-A-4-C MSD
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 662487

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	0.40	U	4.77	4.031		ug/Kg	☼	84	70 - 140	0	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-230381-A-4-C MSD
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 662487

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoropentanoic acid (PFPeA)	0.20	U	2.39	2.095		ug/Kg	☼	88	60 - 150	2	30
Perfluorohexanoic acid (PFHxA)	0.20	U	2.39	1.976		ug/Kg	☼	83	65 - 140	10	30
Perfluoroheptanoic acid (PFHpA)	0.20	U	2.39	2.028		ug/Kg	☼	85	65 - 145	8	30
Perfluorooctanoic acid (PFOA)	0.20	U	2.39	1.894		ug/Kg	☼	79	70 - 150	5	30
Perfluorononanoic acid (PFNA)	0.20	U	2.39	2.003		ug/Kg	☼	84	70 - 155	2	30
Perfluorodecanoic acid (PFDA)	0.20	U	2.39	1.812		ug/Kg	☼	76	70 - 155	1	30
Perfluoroundecanoic acid (PFUnA)	0.20	U	2.39	1.823		ug/Kg	☼	76	70 - 155	2	30
Perfluorododecanoic acid (PFDoA)	0.20	U	2.39	1.969		ug/Kg	☼	83	70 - 150	4	30
Perfluorotridecanoic acid (PFTrDA)	0.20	U	2.39	2.001		ug/Kg	☼	84	65 - 150	4	30
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	2.39	1.872		ug/Kg	☼	78	65 - 150	1	30
Perfluorobutanesulfonic acid (PFBS)	0.20	U	2.12	1.764		ug/Kg	☼	83	65 - 145	9	30
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	2.24	2.008		ug/Kg	☼	90	55 - 160	6	30
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	2.18	2.185		ug/Kg	☼	100	60 - 150	1	30
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	2.28	1.820		ug/Kg	☼	80	65 - 155	19	30
Perfluorooctanesulfonic acid (PFOS)	0.20	U	2.22	1.667		ug/Kg	☼	75	65 - 160	14	30
Perfluorononanesulfonic acid (PFNS)	0.20	U	2.30	1.695		ug/Kg	☼	74	55 - 140	13	30
Perfluorodecanesulfonic acid (PFDS)	0.20	U	2.30	1.745		ug/Kg	☼	76	40 - 155	13	30
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	2.31	1.412		ug/Kg	☼	61	25 - 160	18	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	4.48	3.503		ug/Kg	☼	78	60 - 150	13	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	4.54	3.904		ug/Kg	☼	86	55 - 200	7	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	4.58	3.837		ug/Kg	☼	84	70 - 150	3	30
Perfluorooctanesulfonamide (PFOSA)	0.20	U	2.39	2.381		ug/Kg	☼	100	70 - 140	2	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	2.39	2.235		ug/Kg	☼	94	70 - 155	6	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	2.39	2.193		ug/Kg	☼	92	70 - 140	3	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	2.39	1.982		ug/Kg	☼	83	65 - 155	2	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	2.39	2.169		ug/Kg	☼	91	65 - 165	1	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	11.9	10.60		ug/Kg	☼	89	70 - 140	1	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	11.9	10.64		ug/Kg	☼	89	70 - 135	2	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	1.79	1.587		ug/Kg	☼	89	70 - 145	2	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	2.26	2.071		ug/Kg	☼	92	70 - 160	0	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-230381-A-4-C MSD
Matrix: Solid
Analysis Batch: 665722

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 662487

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	2.39	2.099		ug/Kg	☼	88	30 - 140	1	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	2.39	2.031		ug/Kg	☼	85	60 - 150	3	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	2.39	1.966		ug/Kg	☼	82	60 - 155	11	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	2.23	1.843		ug/Kg	☼	83	70 - 150	4	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	2.25	1.557		ug/Kg	☼	69	45 - 160	15	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	2.13	1.725		ug/Kg	☼	81	70 - 140	13	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	4.77	4.197		ug/Kg	☼	88	45 - 130	4	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	11.9	8.998		ug/Kg	☼	75	60 - 130	17	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	11.9	8.767		ug/Kg	☼	73	60 - 150	11	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*107*		*8 - 130*
13C5 PFPeA	*103*		*35 - 130*
13C5 PFHxA	*108*		*40 - 130*
13C4 PFHpA	*98.3*		*40 - 130*
13C8 PFOA	*105*		*40 - 130*
13C9 PFNA	*99.0*		*40 - 130*
13C6 PFDA	*102*		*40 - 130*
13C7 PFUnA	*100*		*40 - 130*
13C2 PFTeDA	*81.3*		*20 - 130*
13C3 PFBS	*99.0*		*40 - 135*
13C3 PFHxS	*94.4*		*40 - 130*
13C8 PFOS	*103*		*40 - 130*
13C8 FOSA	*79.6*		*40 - 130*
d3-NMeFOSAA	*88.0*		*40 - 135*
d5-NEtFOSAA	*81.5*		*40 - 150*
13C2 4:2 FTS	*84.8*		*40 - 165*
13C2 6:2 FTS	*94.0*		*40 - 215*
13C2 8:2 FTS	*88.1*		*40 - 275*
13C3 HFPO-DA	*95.0*		*40 - 130*
d7-N-MeFOSE-M	*56.3*		*20 - 130*
d9-N-EtFOSE-M	*50.9*		*15 - 130*
d5-NEtPFOSA	*69.8*		*10 - 130*
d3-NMePFOSA	*75.7*		*10 - 130*
13C2 PFDoA	*89.3*		*40 - 130*

LCMS

Prep Batch: 661742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328839-3	FB_SO_06182025_P	Total/NA	Water	1633A	
MB 410-661742/1-A	Method Blank	Total/NA	Water	1633A	
LCS 410-661742/2-A	Lab Control Sample	Total/NA	Water	1633A	
LCSD 410-661742/3-A	Lab Control Sample Dup	Total/NA	Water	1633A	
LLCS 410-661742/4-A	Lab Control Sample	Total/NA	Water	1633A	

Analysis Batch: 662436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328839-3	FB_SO_06182025_P	Total/NA	Water	1633A	661742
MB 410-661742/1-A	Method Blank	Total/NA	Water	1633A	661742
LCS 410-661742/2-A	Lab Control Sample	Total/NA	Water	1633A	661742
LCSD 410-661742/3-A	Lab Control Sample Dup	Total/NA	Water	1633A	661742
LLCS 410-661742/4-A	Lab Control Sample	Total/NA	Water	1633A	661742

Prep Batch: 662487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328839-1	RX-04(0-2)_P	Total/NA	Solid	1633A Shake	
460-328839-2	RX-04(4-6)_P	Total/NA	Solid	1633A Shake	
460-328839-4	RX-01(0-2)_P	Total/NA	Solid	1633A Shake	
460-328839-5	RX-01(4-6)_P	Total/NA	Solid	1633A Shake	
MB 410-662487/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-662487/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LLCS 410-662487/3-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
480-230381-A-4-B MS	Matrix Spike	Total/NA	Solid	1633A Shake	
480-230381-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	1633A Shake	

Analysis Batch: 665722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328839-1	RX-04(0-2)_P	Total/NA	Solid	1633A	662487
460-328839-2	RX-04(4-6)_P	Total/NA	Solid	1633A	662487
460-328839-4	RX-01(0-2)_P	Total/NA	Solid	1633A	662487
460-328839-5	RX-01(4-6)_P	Total/NA	Solid	1633A	662487
MB 410-662487/1-A	Method Blank	Total/NA	Solid	1633A	662487
LCS 410-662487/2-A	Lab Control Sample	Total/NA	Solid	1633A	662487
LLCS 410-662487/3-A	Lab Control Sample	Total/NA	Solid	1633A	662487
480-230381-A-4-B MS	Matrix Spike	Total/NA	Solid	1633A	662487
480-230381-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	1633A	662487

General Chemistry

Analysis Batch: 661170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328839-1	RX-04(0-2)_P	Total/NA	Solid	Moisture	
460-328839-2	RX-04(4-6)_P	Total/NA	Solid	Moisture	
460-328839-4	RX-01(0-2)_P	Total/NA	Solid	Moisture	
460-328839-5	RX-01(4-6)_P	Total/NA	Solid	Moisture	

Client Sample ID: RX-04(0-2)_P — **Lab Sample ID: 460-328839-1**
Date Collected: 06/18/25 09:55 — **Matrix: Solid**
Date Received: 06/18/25 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	661170	S9WT	ELLE	06/23/25 06:42

Client Sample ID: RX-04(0-2)_P — **Lab Sample ID: 460-328839-1**
Date Collected: 06/18/25 09:55 — **Matrix: Solid**
Date Received: 06/18/25 19:10 — **Percent Solids: 91.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			662487	X3LR	ELLE	06/25/25 08:08
Total/NA	Analysis	1633A		1	665722	P7EB	ELLE	07/02/25 06:21

Client Sample ID: RX-04(4-6)_P — **Lab Sample ID: 460-328839-2**
Date Collected: 06/18/25 10:05 — **Matrix: Solid**
Date Received: 06/18/25 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	661170	S9WT	ELLE	06/23/25 06:42

Client Sample ID: RX-04(4-6)_P — **Lab Sample ID: 460-328839-2**
Date Collected: 06/18/25 10:05 — **Matrix: Solid**
Date Received: 06/18/25 19:10 — **Percent Solids: 88.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			662487	X3LR	ELLE	06/25/25 08:08
Total/NA	Analysis	1633A		1	665722	P7EB	ELLE	07/02/25 06:34

Client Sample ID: FB_SO_06182025_P — **Lab Sample ID: 460-328839-3**
Date Collected: 06/18/25 10:20 — **Matrix: Water**
Date Received: 06/18/25 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			661742	RC3V	ELLE	06/24/25 06:26
Total/NA	Analysis	1633A		1	662436	P7EB	ELLE	06/25/25 14:06

Client Sample ID: RX-01(0-2)_P — **Lab Sample ID: 460-328839-4**
Date Collected: 06/18/25 14:05 — **Matrix: Solid**
Date Received: 06/18/25 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	661170	S9WT	ELLE	06/23/25 06:42

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328839-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-01(0-2)_P
Lab Sample ID: 460-328839-4
Date Collected: 06/18/25 14:05
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			662487	X3LR	ELLE	06/25/25 08:08
Total/NA	Analysis	1633A		1	665722	P7EB	ELLE	07/02/25 07:15

Client Sample ID: RX-01(4-6)_P
Lab Sample ID: 460-328839-5
Date Collected: 06/18/25 14:15
Matrix: Solid
Date Received: 06/18/25 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	661170	S9WT	ELLE	06/23/25 06:42

Client Sample ID: RX-01(4-6)_P
Lab Sample ID: 460-328839-5
Date Collected: 06/18/25 14:15
Matrix: Solid
Date Received: 06/18/25 19:10
Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			662487	X3LR	ELLE	06/25/25 08:08
Total/NA	Analysis	1633A		1	665722	P7EB	ELLE	07/02/25 07:29

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328839-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture

Method Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328839-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method	Method Description	Protocol	Laboratory
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
Moisture	Percent Moisture	EPA	ELLE
1633A	Solid-Phase Extraction (SPE)	EPA	ELLE
1633A Shake	Shake Extraction with SPE	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328839-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-328839-1	RX-04(0-2)_P	Solid	06/18/25 09:55	06/18/25 19:10
460-328839-2	RX-04(4-6)_P	Solid	06/18/25 10:05	06/18/25 19:10
460-328839-3	FB_SO_06182025_P	Water	06/18/25 10:20	06/18/25 19:10
460-328839-4	RX-01(0-2)_P	Solid	06/18/25 14:05	06/18/25 19:10
460-328839-5	RX-01(4-6)_P	Solid	06/18/25 14:15	06/18/25 19:10

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

NYC

eurofins

Client Information	Sampler: Josue Criollo	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s): 222	COC No: 460-196055-128295.3
Client Contact: Josue Criollo	Phone: 5166603060	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~1 of 3~~
Company: Roux Environmental Eng & Geology DPC	PWSID:	**Analysis Requested**		Job #: 328839
Address: 209 Shafter St	Due Date Requested:			Preservation Codes: N None
City: Islandia	TAT Requested (days): 5 D			
State, Zip: NY 11749	Compliance Project: Δ Yes Δ No			
Phone: 631-831-8490(Tel)	PO #: Purchase Order Requested			
Email: jcriollo@rouxinc.com	WO #:			
Project Name: 5-32 College Point Blvd, Flushing, NY	Project #: 46046973			
Site: 35-32 College Point Blvd, Flushing	SSOW#:			

460-328839 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A PFAS 1633 Standard List of 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
RX-04(0-2)_P	~~6/5~~ 6/18	955	G	Solid			/	2	1
RX-04(4-6)_P	~~6/5~~ 6/18	1005	G	Water			/	2	2
FD_50-06182025_P	~~6/5~~ 6/18	1020	G	Water			/	2	3
RX-01(0-2)_P	6/18/25	1405	G	Water			/	2	4
RX-01(4-6)_P	6/18/25	1415	G	Water			/	2	5

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 6/18/25	Company: Roux 1543	Received by:	Date/Time: 06/18/25 15:42	Company: TA NYC
Relinquished by:	Date/Time: 06/18/25 17:00	Company: TA NYC	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time: 6/18/25 1990	Company: EEI	Received by:	Date/Time: 6/18 1910	Company: EEI
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: NV CS		Cooler Temperature(s) °C and Other Remarks:	IR#9 1.5-1.9	

Ver: 05/06/2024

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 328839

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.5 °C	1.9 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below.

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

**Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: MM Date: 6/18/25

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-74566.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-328839-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 6/25/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 35-32 College Point Blvd, Flushing, NY	Project #: 46046973			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_ShakePFAS 1633 Standard List of 40	MoisturePercent Moisture	1633A/1633A_SPEPFAS 1633 Standard List of 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
RX-04(0-2)_P (460-328839-1)	6/18/25	09:55 Eastern	G	Solid			X	X		2	
RX-04(4-6)_P (460-328839-2)	6/18/25	10:05 Eastern	G	Solid			X	X		2	
FB_SO_06182025_P (460-328839-3)	6/18/25	10:20 Eastern	G	Water					X	2	
RX-01(0-2)_P (460-328839-4)	6/18/25	14:05 Eastern	G	Solid			X	X		2	
RX-01(4-6)_P (460-328839-5)	6/18/25	14:15 Eastern	G	Solid			X	X		2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		6/20/25 1555	ET	BG	6/20/25 1555	ET
2	BG	6/20/25 1930	ET			
3					6/20/25 1930	ET

Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-328839-1

Login Number: 328839

List Source: Eurofins Edison

List Number: 1

Creator: Khlungprakhon, Sukanya

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-328839-1

Login Number: 328839
List Number: 2
Creator: Fuehrer, Stephanie

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 06/20/25 10:29 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. MaryBeth Lyons
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, New York 11749

Generated 6/30/2025 7:39:45 AM

JOB DESCRIPTION

35-32 College Point Blvd, Flushing, NY

JOB NUMBER

460-328983-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



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Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	MS or MSD is outside acceptance limits.
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	Surrogate is outside acceptance limits.
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
J	Indicates an estimated value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-328983-1

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 6/20/2025 7:50 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C.

Method 8260D - Volatile Organic Compounds by GC/MS
Samples RX-09(0-2) (460-328983-1), RX-09(6-8) (460-328983-2), RX-08(0-2) (460-328983-3), RX-08(6-8) (460-328983-4), RX-03(0-2) (460-328983-5), RX-03(4-6) (460-328983-6) and TRIP BLANK (460-328983-7) were analyzed for Volatile Organic Compounds by GC/MS. The samples were prepared on 6/21/2025 and analyzed on 6/25/2025 and 6/27/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1046423 was outside the method criteria for the following analytes: Dichlorodifluoromethane (biased low) and Methyl acetate (biased high). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1046423 recovered outside control limits for the following analytes: Ethylene Dibromide (biased low) and Methyl acetate (biased high). These analytes were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-1045853 recovered above the upper control limit for Bromoform. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The laboratory control sample (LCS) for analytical batch 460-1045853 recovered outside control limits for the following analytes: 1,1,1-Trichloroethane and tert-Butylbenzene. These analytes were biased low in the LCS.

Method 8270E - Semivolatile Organic Compounds (GC/MS)
Samples RX-09(0-2) (460-328983-1), RX-09(6-8) (460-328983-2), RX-08(0-2) (460-328983-3), RX-08(6-8) (460-328983-4), RX-03(0-2) (460-328983-5) and RX-03(4-6) (460-328983-6) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared on 6/22/2025 and analyzed on 6/22/2025 and 6/23/2025.

Samples RX-09(6-8) (460-328983-2)[5x] and RX-03(0-2) (460-328983-5)[5x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) analyzed in batch 460-1045395 was outside the method criteria for the following analyte(s): Benzaldehyde and Hexachlorocyclopentadiene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-1045478 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8151A - Herbicides (GC)

Job ID: 460-328983-1 (Continued) Eurofins Edison

Samples RX-09(0-2) (460-328983-1), RX-09(6-8) (460-328983-2), RX-08(0-2) (460-328983-3), RX-08(6-8) (460-328983-4), RX-03(0-2) (460-328983-5) and RX-03(4-6) (460-328983-6) were analyzed for Herbicides (GC). The samples were prepared on 6/23/2025 and analyzed on 6/25/2025.

Surrogate 2,4-Dichlorophenylacetic acid recovery for the following samples) was outside lower control limits : RX-09(0-2) (460-328983-1), RX-09(6-8) (460-328983-2), RX-08(0-2) (460-328983-3), RX-08(6-8) (460-328983-4), RX-03(0-2) (460-328983-5), RX-03(4-6) (460-328983-6), (460-328983-E-1-B MS) and (460-328983-E-1-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed

RX-09(0-2) (460-328983-1), RX-09(6-8) (460-328983-2), RX-08(0-2) (460-328983-3), RX-08(6-8) (460-328983-4), RX-03(0-2) (460-328983-5), RX-03(4-6) (460-328983-6), (460-328983-E-1-B MS) and (460-328983-E-1-C MSD)

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Samples RX-09(0-2) (460-328983-1), RX-09(6-8) (460-328983-2), RX-08(0-2) (460-328983-3), RX-08(6-8) (460-328983-4), RX-03(0-2) (460-328983-5) and RX-03(4-6) (460-328983-6) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 6/23/2025 and 6/27/2025 and analyzed on 6/24/2025 and 6/27/2025.

Surrogate Decachlorobiphenyl and Tetrachloro-m-xylene recovery for the following sample was outside the upper control limit: RX-08(0-2) (460-328983-3). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

The Decachlorobiphenyl surrogate recovery for the following samples was outside acceptance limits (high biased) on the primary column due to matrix interference: RX-08(6-8) (460-328983-4). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Method 8081B - Organochlorine Pesticides (GC)
Samples RX-09(0-2) (460-328983-1), RX-09(6-8) (460-328983-2), RX-08(0-2) (460-328983-3), RX-08(6-8) (460-328983-4), RX-03(0-2) (460-328983-5) and RX-03(4-6) (460-328983-6) were analyzed for Organochlorine Pesticides (GC). The samples were prepared on 6/23/2025 and analyzed on 6/24/2025 and 6/25/2025.

The following samples required a copper clean-up, via EPA Method 3660B, to reduce matrix interferences: RX-09(6-8) (460-328983-2), RX-08(6-8) (460-328983-4) and RX-03(4-6) (460-328983-6).

The DCB Decachlorobiphenyl surrogate recovery for the CCV was outside acceptance limits (low biased) on the confirmation column: (CCVIS 460-1045883/3). The recovery is within acceptance limits on the other column, therefore the data have been qualified and reported.

Method 6020B - Metals (ICP/MS)
Samples RX-09(0-2) (460-328983-1), RX-09(6-8) (460-328983-2), RX-08(0-2) (460-328983-3), RX-08(6-8) (460-328983-4), RX-03(0-2) (460-328983-5) and RX-03(4-6) (460-328983-6) were analyzed for Metals (ICP/MS). The samples were prepared and analyzed on 6/26/2025.

Method 7471B - Mercury (CVAA)
Samples RX-09(0-2) (460-328983-1), RX-09(6-8) (460-328983-2), RX-08(0-2) (460-328983-3), RX-08(6-8) (460-328983-4), RX-03(0-2) (460-328983-5) and RX-03(4-6) (460-328983-6) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 6/26/2025.

Method 7196A - Chromium, Hexavalent
Samples RX-09(0-2) (460-328983-1), RX-09(6-8) (460-328983-2), RX-08(0-2) (460-328983-3), RX-08(6-8) (460-328983-4), RX-03(0-2) (460-328983-5) and RX-03(4-6) (460-328983-6) were analyzed for Chromium, Hexavalent. The samples were prepared and analyzed on 6/26/2025.

Method 7196A - Chromium, Trivalent (Colorimetric)
Samples RX-09(0-2) (460-328983-1), RX-09(6-8) (460-328983-2), RX-08(0-2) (460-328983-3), RX-08(6-8) (460-328983-4), RX-03(0-2) (460-328983-5) and RX-03(4-6) (460-328983-6) were analyzed for Chromium, Trivalent (Colorimetric). The samples were analyzed on 6/26/2025.

Method 9012B - Cyanide, Total andor Amenable
Samples RX-09(0-2) (460-328983-1), RX-09(6-8) (460-328983-2), RX-08(0-2) (460-328983-3), RX-08(6-8) (460-328983-4), RX-03(0-2) (460-328983-5) and RX-03(4-6) (460-328983-6) were analyzed for Cyanide, Total andor Amenable. The samples were prepared and analyzed on 6/27/2025.

Method Moisture - Percent Moisture
Samples RX-09(0-2) (460-328983-1), RX-09(6-8) (460-328983-2), RX-08(0-2) (460-328983-3), RX-08(6-8) (460-328983-4), RX-03(0-2) (460-328983-5) and RX-03(4-6) (460-328983-6) were analyzed for Percent Moisture. The samples were analyzed on 6/22/2025.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328983-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-09(0-2) — Lab Sample ID: 460-328983-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.023	J	0.33	0.0093	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.011	J	0.33	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.034		0.033	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.057		0.033	0.0086	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.029	J	0.33	0.0098	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.032	J	0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.033	J	0.33	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.018	J	0.033	0.013	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.018	J	0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.030	J	0.33	0.0083	mg/Kg	1	☼	8270E	Total/NA
Aluminum	3540		19.3	5.3	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.0		0.96	0.099	mg/Kg	1	☼	6020B	Total/NA
Barium	22.4		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.17	J	0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Calcium	43400		96.3	9.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	9.5		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.5		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	33.0		1.9	0.35	mg/Kg	1	☼	6020B	Total/NA
Iron	13200		57.8	7.4	mg/Kg	1	☼	6020B	Total/NA
Lead	17.4		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	23000		96.3	9.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	158		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	7.7		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	510		96.3	15.6	mg/Kg	1	☼	6020B	Total/NA
Sodium	358		96.3	44.0	mg/Kg	1	☼	6020B	Total/NA
Vanadium	29.0		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	41.8		7.7	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.014	J	0.016	0.0074	mg/Kg	1	☼	7471B	Total/NA
Cr (III)	9.5		2.0	2.0	mg/Kg	1	☼	7196A	Total/NA

Client Sample ID: RX-09(6-8) — Lab Sample ID: 460-328983-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0042	J	0.0055	0.00041	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.038		0.0066	0.0063	mg/Kg	1	☼	8260D	Total/NA
1,1'-Biphenyl	0.13	J	0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.11	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	5.4		0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.073	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	1.2		0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.85		0.036	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.23		0.036	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.40		0.036	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.048	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.15		0.036	0.0070	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.18	J	0.36	0.014	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.70		0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.016	J	0.036	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	4.5		0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	6.5		0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	4.8		0.36	0.010	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-09(6-8) (Continued)
Lab Sample ID: 460-328983-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Indeno[1,2,3-cd]pyrene	0.064		0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.39		0.36	0.0062	mg/Kg	1	☼	8270E	Total/NA
N-Nitrosodiphenylamine	0.17	J	0.36	0.029	mg/Kg	1	☼	8270E	Total/NA
Pyrene	3.6		0.36	0.0089	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene - DL	8.6		1.8	0.073	mg/Kg	5	☼	8270E	Total/NA
Aluminum	8240		19.3	5.3	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.9		0.97	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	66.1		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.36	J	0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Calcium	2970		96.6	9.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	18.8		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.7		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	14.7		1.9	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	19500		58.0	7.4	mg/Kg	1	☼	6020B	Total/NA
Lead	47.9		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2130		96.6	9.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	733		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	21.9		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	954		96.6	15.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.12	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.099	J	0.39	0.086	mg/Kg	1	☼	6020B	Total/NA
Sodium	152		96.6	44.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.086	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	22.7		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	25.6		7.7	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.028		0.018	0.0082	mg/Kg	1	☼	7471B	Total/NA
Cr (III)	18.8		2.0	2.0	mg/Kg	1	☼	7196A	Total/NA

Client Sample ID: RX-08(0-2)
Lab Sample ID: 460-328983-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.027	J	0.033	0.025	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.023	J	0.033	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.029	J	0.033	0.0086	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.10	J	0.33	0.0098	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.013	J	0.033	0.0065	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.022	J	0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.028	J	0.033	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.033	J	0.33	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.043		0.033	0.013	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.019	J	0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.028	J	0.33	0.0083	mg/Kg	1	☼	8270E	Total/NA
Aluminum	4400		18.6	5.1	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.22	J	0.93	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.1		0.93	0.096	mg/Kg	1	☼	6020B	Total/NA
Barium	40.4		1.9	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.25	J	0.37	0.020	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.22	J	0.93	0.10	mg/Kg	1	☼	6020B	Total/NA
Calcium	34300		92.8	9.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	32.4		1.9	0.28	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.9		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-08(0-2) (Continued)

Lab Sample ID: 460-328983-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	55.4		1.9	0.34	mg/Kg	1	☼	6020B	Total/NA
Iron	17000		55.7	7.1	mg/Kg	1	☼	6020B	Total/NA
Lead	32.7		0.56	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	14000		92.8	9.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	211		3.7	0.37	mg/Kg	1	☼	6020B	Total/NA
Nickel	20.2		1.9	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	850		92.8	15.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.12	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.12	J	0.37	0.083	mg/Kg	1	☼	6020B	Total/NA
Sodium	176		92.8	42.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.045	J	0.37	0.038	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.1		1.9	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	89.0		7.4	1.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.086		0.017	0.0081	mg/Kg	1	☼	7471B	Total/NA
Cr (III)	32.4		2.0	2.0	mg/Kg	1	☼	7196A	Total/NA

Client Sample ID: RX-08(6-8)

Lab Sample ID: 460-328983-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.011		0.0042	0.00031	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.065		0.0051	0.0048	mg/Kg	1	☼	8260D	Total/NA
Cyclohexane	0.0016		0.00084	0.00019	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.0046		0.00084	0.00024	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.024		0.00084	0.00042	mg/Kg	1	☼	8260D	Total/NA
n-Butylbenzene	0.0079		0.00084	0.00025	mg/Kg	1	☼	8260D	Total/NA
sec-Butylbenzene	0.030		0.00084	0.00024	mg/Kg	1	☼	8260D	Total/NA
tert-Butylbenzene	0.010	*	0.00084	0.00023	mg/Kg	1	☼	8260D	Total/NA
Acenaphthene	0.18	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.058	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.056	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.032	J	0.036	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.0098	J	0.036	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.016	J	0.036	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0076	J	0.036	0.0071	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.028	J	0.36	0.019	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.031	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.096	J	0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.19	J	0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.27	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.24	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.12	J	0.36	0.0090	mg/Kg	1	☼	8270E	Total/NA
Aluminum	11400		19.5	5.3	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.4		0.97	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	58.6		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.38	J	0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Calcium	960		97.4	9.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	19.3		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.9		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	21.2		1.9	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	16600		58.4	7.5	mg/Kg	1	☼	6020B	Total/NA
Lead	18.8		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-08(6-8) (Continued)
Lab Sample ID: 460-328983-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	2850		97.4	9.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	139		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.9		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	1480		97.4	15.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.15	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.11	J	0.39	0.087	mg/Kg	1	☼	6020B	Total/NA
Sodium	201		97.4	44.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.11	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	28.4		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	88.8		7.8	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.055		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA
Cr (III)	19.3		2.0	2.0	mg/Kg	1	☼	7196A	Total/NA

Client Sample ID: RX-03(0-2)
Lab Sample ID: 460-328983-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1'-Biphenyl	0.013	J	0.33	0.012	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.062	J	0.33	0.0094	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.80		0.33	0.0095	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.019	J	0.33	0.0096	mg/Kg	1	☼	8270E	Total/NA
Anthracene	3.2		0.33	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	5.6		0.033	0.025	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	6.4		0.033	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	1.8		0.33	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	3.4		0.033	0.0066	mg/Kg	1	☼	8270E	Total/NA
Butyl benzyl phthalate	0.028	J	0.33	0.016	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.31	J	0.33	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	6.5		0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.67		0.033	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.32	J	0.33	0.011	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.74		0.33	0.0098	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	2.1		0.033	0.013	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.037	J	0.33	0.0058	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	6.4		0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene - DL	6.9		0.17	0.043	mg/Kg	5	☼	8270E	Total/NA
Fluoranthene - DL	8.6		1.7	0.058	mg/Kg	5	☼	8270E	Total/NA
Pyrene - DL	6.8		1.7	0.042	mg/Kg	5	☼	8270E	Total/NA
Aluminum	2960		17.7	4.9	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.13	J	0.89	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.4		0.89	0.091	mg/Kg	1	☼	6020B	Total/NA
Barium	31.8		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.14	J	0.35	0.020	mg/Kg	1	☼	6020B	Total/NA
Calcium	62200		88.7	8.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	13.9		1.8	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.7		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	24.7		1.8	0.33	mg/Kg	1	☼	6020B	Total/NA
Iron	11700		53.2	6.8	mg/Kg	1	☼	6020B	Total/NA
Lead	41.2		0.53	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	31800		88.7	9.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	136		3.5	0.36	mg/Kg	1	☼	6020B	Total/NA
Nickel	8.7		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-03(0-2) (Continued)
Lab Sample ID: 460-328983-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	580		88.7	14.4	mg/Kg	1	☼	6020B	Total/NA
Sodium	250		88.7	40.5	mg/Kg	1	☼	6020B	Total/NA
Vanadium	30.1		1.8	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	26.8		7.1	0.97	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.016		0.016	0.0075	mg/Kg	1	☼	7471B	Total/NA
Cr (III)	13.9		2.0	2.0	mg/Kg	1	☼	7196A	Total/NA

Client Sample ID: RX-03(4-6)
Lab Sample ID: 460-328983-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0063	J	0.0068	0.00050	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.054		0.0082	0.0078	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0024		0.0014	0.00036	mg/Kg	1	☼	8260D	Total/NA
1,1'-Biphenyl	0.11	J	0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
2-Chloronaphthalene	0.36		0.36	0.046	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.11	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
3 & 4 Methylphenol	0.038	J	0.36	0.022	mg/Kg	1	☼	8270E	Total/NA
4-Methylphenol	0.038	J	0.36	0.023	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.014	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.45		0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.087	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.21		0.036	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.20		0.036	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.33		0.036	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.17	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.093		0.036	0.0071	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.25	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.048		0.036	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.034	J	0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.52		0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.058	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.15		0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	1.2		0.36	0.0062	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.51		0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.44		0.36	0.0090	mg/Kg	1	☼	8270E	Total/NA
Aluminum	3490		19.5	5.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.17	J	0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.9		0.98	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	51.8		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.45		0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Calcium	10600		97.6	9.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	11.6		2.0	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.1		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	25.4		2.0	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	11200		58.6	7.5	mg/Kg	1	☼	6020B	Total/NA
Lead	19.4		0.59	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	5610		97.6	10	mg/Kg	1	☼	6020B	Total/NA
Manganese	73.2		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.7		2.0	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	626		97.6	15.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.65	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RX-03(4-6) (Continued)
Lab Sample ID: 460-328983-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	162		97.6	44.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.16	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	19.0		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	31.5		7.8	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.019		0.017	0.0081	mg/Kg	1	☼	7471B	Total/NA
Cr (III)	11.6		2.0	2.0	mg/Kg	1	☼	7196A	Total/NA

Client Sample ID: TRIP BLANK
Lab Sample ID: 460-328983-7

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328983-1

Client Sample ID: RX-09(0-2)
Date Collected: 06/20/25 09:40
Date Received: 06/20/25 19:50

Lab Sample ID: 460-328983-1
Matrix: Solid
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U *	0.00099	0.00023	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00051	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00035	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00045	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00051	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Acetone	0.0059	U	0.0059	0.0056	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Bromomethane	0.0020	U	0.0020	0.00099	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Chloroethane	0.00099	U	0.00099	0.00051	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00035	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Dichlorobromomethane	0.00099	U	0.00099	0.00025	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Dichlorodifluoromethane	0.00099	U	0.00099	0.00033	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Ethylbenzene	0.00099	U	0.00099	0.00046	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00050	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Methylcyclohexane	0.00099	U	0.00099	0.00049	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
n-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
N-Propylbenzene	0.00099	U	0.00099	0.00044	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
o-Xylene	0.00099	U	0.00099	0.00045	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
sec-Butylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Styrene	0.00099	U	0.00099	0.00027	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1

Client Sample ID: RX-09(0-2)
Lab Sample ID: 460-328983-1
Date Collected: 06/20/25 09:40
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00099	U *	0.00099	0.00027	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	06/21/25 19:11	06/25/25 09:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*65 - 138*	*06/21/25 19:11*	*06/25/25 09:28*	*1*
4-Bromofluorobenzene	*91*		*71 - 128*	*06/21/25 19:11*	*06/25/25 09:28*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*06/21/25 19:11*	*06/25/25 09:28*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*06/21/25 19:11*	*06/25/25 09:28*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
2-Methylnaphthalene	**0.023**	**J**	0.33	0.0093	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
4-Nitroaniline	0.33	U	0.33	0.085	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
4-Nitrophenol	0.68	U	0.68	0.054	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Acenaphthene	0.33	U	0.33	0.0095	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Acenaphthylene	0.33	U	0.33	0.0096	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328983-1

Client Sample ID: RX-09(0-2)
Date Collected: 06/20/25 09:40
Date Received: 06/20/25 19:50

Lab Sample ID: 460-328983-1
Matrix: Solid
Percent Solids: 98.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**0.011**	**J**	0.33	0.010	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Atrazine	0.13	U *	0.13	0.020	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Benzaldehyde	0.33	U *	0.33	0.055	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Benzo[a]pyrene	**0.034**		0.033	0.0089	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Benzo[b]fluoranthene	**0.057**		0.033	0.0086	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Benzo[g,h,i]perylene	**0.029**	**J**	0.33	0.0098	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0066	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.062	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.018	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Caprolactam	0.33	U *	0.33	0.052	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Carbazole	0.33	U	0.33	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Chrysene	**0.032**	**J**	0.33	0.014	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Di-n-butyl phthalate	0.33	U	0.33	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Fluoranthene	**0.033**	**J**	0.33	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Fluorene	0.33	U	0.33	0.0098	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Hexachlorobutadiene	0.068	U	0.068	0.0071	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Indeno[1,2,3-cd]pyrene	**0.018**	**J**	0.033	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Isophorone	0.13	U	0.13	0.097	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Naphthalene	0.33	U	0.33	0.0058	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Nitrobenzene	0.033	U	0.033	0.019	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Phenanthrene	**0.018**	**J**	0.33	0.014	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Phenol	0.33	U	0.33	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1
Pyrene	**0.030**	**J**	0.33	0.0083	mg/Kg	☼	06/22/25 06:35	06/22/25 22:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*18 - 137*	*06/22/25 06:35*	*06/22/25 22:30*	*1*
2-Fluorobiphenyl	*78*		*33 - 117*	*06/22/25 06:35*	*06/22/25 22:30*	*1*
2-Fluorophenol (Surr)	*80*		*24 - 120*	*06/22/25 06:35*	*06/22/25 22:30*	*1*
Nitrobenzene-d5 (Surr)	*76*		*27 - 120*	*06/22/25 06:35*	*06/22/25 22:30*	*1*
Phenol-d5 (Surr)	*78*		*28 - 118*	*06/22/25 06:35*	*06/22/25 22:30*	*1*
Terphenyl-d14 (Surr)	*72*		*33 - 124*	*06/22/25 06:35*	*06/22/25 22:30*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0068	U	0.0068	0.0011	mg/Kg	☼	06/23/25 10:11	06/24/25 09:48	1
4,4'-DDE	0.0068	U	0.0068	0.00080	mg/Kg	☼	06/23/25 10:11	06/24/25 09:48	1

Client Sample ID: RX-09(0-2)
Lab Sample ID: 460-328983-1
Date Collected: 06/20/25 09:40
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 98.9

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.0068	U	0.0068	0.0012	mg/Kg	☼	06/23/25 10:11	06/24/25 09:48	1
Aldrin	0.0068	U	0.0068	0.0010	mg/Kg	☼	06/23/25 10:11	06/24/25 09:48	1
alpha-BHC	0.0020	U	0.0020	0.00069	mg/Kg	☼	06/23/25 10:11	06/24/25 09:48	1
beta-BHC	0.0020	U	0.0020	0.00076	mg/Kg	☼	06/23/25 10:11	06/24/25 09:48	1
Chlordane (technical)	0.068	U	0.068	0.016	mg/Kg	☼	06/23/25 10:11	06/24/25 09:48	1
cis-Chlordane	0.0068	U	0.0068	0.0011	mg/Kg	☼	06/23/25 10:11	06/24/25 09:48	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg	☼	06/23/25 10:11	06/24/25 09:48	1
Dieldrin	0.0020	U	0.0020	0.00088	mg/Kg	☼	06/23/25 10:11	06/24/25 09:48	1
Endosulfan I	0.0068	U	0.0068	0.0010	mg/Kg	☼	06/23/25 10:11	06/24/25 09:48	1
Endosulfan II	0.0068	U	0.0068	0.0017	mg/Kg	☼	06/23/25 10:11	06/24/25 09:48	1
Endosulfan sulfate	0.0068	U	0.0068	0.00085	mg/Kg	☼	06/23/25 10:11	06/24/25 09:48	1
Endrin	0.0068	U	0.0068	0.00097	mg/Kg	☼	06/23/25 10:11	06/24/25 09:48	1
Endrin aldehyde	0.0068	U	0.0068	0.0016	mg/Kg	☼	06/23/25 10:11	06/24/25 09:48	1
Endrin ketone	0.0068	U	0.0068	0.0013	mg/Kg	☼	06/23/25 10:11	06/24/25 09:48	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00063	mg/Kg	☼	06/23/25 10:11	06/24/25 09:48	1
Heptachlor	0.0068	U	0.0068	0.00080	mg/Kg	☼	06/23/25 10:11	06/24/25 09:48	1
Heptachlor epoxide	0.0068	U	0.0068	0.0010	mg/Kg	☼	06/23/25 10:11	06/24/25 09:48	1
Methoxychlor	0.0068	U	0.0068	0.0015	mg/Kg	☼	06/23/25 10:11	06/24/25 09:48	1
Toxaphene	0.068	U	0.068	0.024	mg/Kg	☼	06/23/25 10:11	06/24/25 09:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*87*		*10 - 150*	*06/23/25 10:11*	*06/24/25 09:48*	*1*
DCB Decachlorobiphenyl	*86*		*10 - 150*	*06/23/25 10:11*	*06/24/25 09:48*	*1*
Tetrachloro-m-xylene	*90*		*14 - 150*	*06/23/25 10:11*	*06/24/25 09:48*	*1*
Tetrachloro-m-xylene	*84*		*14 - 150*	*06/23/25 10:11*	*06/24/25 09:48*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.068	U	0.068	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 15:49	1
Aroclor 1221	0.068	U	0.068	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 15:49	1
Aroclor 1232	0.068	U	0.068	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 15:49	1
Aroclor 1242	0.068	U	0.068	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 15:49	1
Aroclor 1248	0.068	U	0.068	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 15:49	1
Aroclor 1254	0.068	U	0.068	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 15:49	1
Aroclor 1260	0.068	U	0.068	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 15:49	1
Aroclor-1262	0.068	U	0.068	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 15:49	1
Aroclor 1268	0.068	U	0.068	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 15:49	1
Polychlorinated biphenyls, Total	0.068	U	0.068	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*06/23/25 10:07*	*06/24/25 15:49*	*1*
DCB Decachlorobiphenyl	*89*		*10 - 150*	*06/23/25 10:07*	*06/24/25 15:49*	*1*
Tetrachloro-m-xylene	*87*		*10 - 150*	*06/23/25 10:07*	*06/24/25 15:49*	*1*
Tetrachloro-m-xylene	*79*		*10 - 150*	*06/23/25 10:07*	*06/24/25 15:49*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.034	U	0.034	0.0071	mg/Kg	☼	06/23/25 05:41	06/25/25 21:08	1
2,4-D	0.034	U	0.034	0.012	mg/Kg	☼	06/23/25 05:41	06/25/25 21:08	1
Silvex (2,4,5-TP)	0.034	U	0.034	0.0035	mg/Kg	☼	06/23/25 05:41	06/25/25 21:08	1

Client Sample ID: RX-09(0-2)

Lab Sample ID: 460-328983-1
Date Collected: 06/20/25 09:40
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 98.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	4	*	38 - 150	06/23/25 05:41	06/25/25 21:08	1
2,4-Dichlorophenylacetic acid	3	*	38 - 150	06/23/25 05:41	06/25/25 21:08	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3540**		19.3	5.3	mg/Kg	☼	06/26/25 07:01	06/26/25 14:26	1
Antimony	0.96	U	0.96	0.14	mg/Kg	☼	06/26/25 07:01	06/26/25 14:26	1
Arsenic	**3.0**		0.96	0.099	mg/Kg	☼	06/26/25 07:01	06/26/25 14:26	1
Barium	**22.4**		1.9	0.14	mg/Kg	☼	06/26/25 07:01	06/26/25 14:26	1
Beryllium	**0.17**	**J**	0.39	0.021	mg/Kg	☼	06/26/25 07:01	06/26/25 14:26	1
Cadmium	0.96	U	0.96	0.11	mg/Kg	☼	06/26/25 07:01	06/26/25 14:26	1
Calcium	**43400**		96.3	9.4	mg/Kg	☼	06/26/25 07:01	06/26/25 14:26	1
Chromium	**9.5**		1.9	0.29	mg/Kg	☼	06/26/25 07:01	06/26/25 14:26	1
Cobalt	**4.5**		1.9	0.14	mg/Kg	☼	06/26/25 07:01	06/26/25 14:26	1
Copper	**33.0**		1.9	0.35	mg/Kg	☼	06/26/25 07:01	06/26/25 14:26	1
Iron	**13200**		57.8	7.4	mg/Kg	☼	06/26/25 07:01	06/26/25 14:26	1
Lead	**17.4**		0.58	0.19	mg/Kg	☼	06/26/25 07:01	06/26/25 14:26	1
Magnesium	**23000**		96.3	9.8	mg/Kg	☼	06/26/25 07:01	06/26/25 14:26	1
Manganese	**158**		3.9	0.39	mg/Kg	☼	06/26/25 07:01	06/26/25 14:26	1
Nickel	**7.7**		1.9	0.17	mg/Kg	☼	06/26/25 07:01	06/26/25 14:26	1
Potassium	**510**		96.3	15.6	mg/Kg	☼	06/26/25 07:01	06/26/25 14:26	1
Selenium	1.2	U	1.2	0.12	mg/Kg	☼	06/26/25 07:01	06/26/25 14:26	1
Silver	0.39	U	0.39	0.086	mg/Kg	☼	06/26/25 07:01	06/26/25 14:26	1
Sodium	**358**		96.3	44.0	mg/Kg	☼	06/26/25 07:01	06/26/25 14:26	1
Thallium	0.39	U	0.39	0.039	mg/Kg	☼	06/26/25 07:01	06/26/25 14:26	1
Vanadium	**29.0**		1.9	0.20	mg/Kg	☼	06/26/25 07:01	06/26/25 14:26	1
Zinc	**41.8**		7.7	1.0	mg/Kg	☼	06/26/25 07:01	06/26/25 14:26	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.014**	**J**	0.016	0.0074	mg/Kg	☼	06/26/25 01:51	06/26/25 11:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	**9.5**		2.0	2.0	mg/Kg	☼		06/26/25 20:02	1
Cr (VI) (SW846 7196A)	2.0	U	2.0	0.84	mg/Kg	☼	06/26/25 12:20	06/26/25 20:20	1
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	06/27/25 12:42	06/27/25 21:53	1
Percent Moisture (EPA Moisture)	**1.1**		1.0	1.0	%			06/22/25 11:55	1
Percent Solids (EPA Moisture)	**98.9**		1.0	1.0	%			06/22/25 11:55	1

Client Sample ID: RX-09(6-8)

Lab Sample ID: 460-328983-2
Date Collected: 06/20/25 10:00
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00026	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328983-1

Client Sample ID: RX-09(6-8)
Date Collected: 06/20/25 10:00
Date Received: 06/20/25 19:50

Lab Sample ID: 460-328983-2
Matrix: Solid
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
2-Butanone (MEK)	**0.0042**	**J**	0.0055	0.00041	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Acetone	**0.038**		0.0066	0.0063	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
tert-Butylbenzene	0.0011	U *	0.0011	0.00030	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1

Client Sample ID: RX-09(6-8)
Lab Sample ID: 460-328983-2
Date Collected: 06/20/25 10:00
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 92.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	06/21/25 19:12	06/25/25 09:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*65 - 138*	*06/21/25 19:12*	*06/25/25 09:53*	*1*
4-Bromofluorobenzene	*87*		*71 - 128*	*06/21/25 19:12*	*06/25/25 09:53*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*06/21/25 19:12*	*06/25/25 09:53*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*06/21/25 19:12*	*06/25/25 09:53*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**0.13**	**J**	0.36	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
2-Methylnaphthalene	**0.11**	**J**	0.36	0.010	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
4-Nitroaniline	0.36	U	0.36	0.090	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Acenaphthene	**5.4**		0.36	0.010	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Acenaphthylene	**0.073**	**J**	0.36	0.010	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Acetophenone	0.36	U	0.36	0.017	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Anthracene	**1.2**		0.36	0.011	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Benzaldehyde	0.36	U *	0.36	0.059	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Benzo[a]anthracene	**0.85**		0.036	0.027	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Benzo[a]pyrene	**0.23**		0.036	0.0095	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1

Client Sample ID: RX-09(6-8)
Lab Sample ID: 460-328983-2
Date Collected: 06/20/25 10:00
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 92.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**0.40**		0.036	0.0092	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Benzo[g,h,i]perylene	**0.048**	**J**	0.36	0.011	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Benzo[k]fluoranthene	**0.15**		0.036	0.0070	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Caprolactam	0.36	U *	0.36	0.055	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Carbazole	**0.18**	**J**	0.36	0.014	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Chrysene	**0.70**		0.36	0.015	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Dibenz(a,h)anthracene	**0.016**	**J**	0.036	0.015	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Dibenzofuran	**4.5**		0.36	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Diethyl phthalate	0.36	U	0.36	0.011	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Fluoranthene	**6.5**		0.36	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Fluorene	**4.8**		0.36	0.010	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Indeno[1,2,3-cd]pyrene	**0.064**		0.036	0.014	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Naphthalene	**0.39**		0.36	0.0062	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
N-Nitrosodiphenylamine	**0.17**	**J**	0.36	0.029	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1
Pyrene	**3.6**		0.36	0.0089	mg/Kg	☼	06/22/25 06:35	06/22/25 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*18 - 137*	*06/22/25 06:35*	*06/22/25 17:13*	*1*
2-Fluorobiphenyl	*73*		*33 - 117*	*06/22/25 06:35*	*06/22/25 17:13*	*1*
2-Fluorophenol (Surr)	*72*		*24 - 120*	*06/22/25 06:35*	*06/22/25 17:13*	*1*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*	*06/22/25 06:35*	*06/22/25 17:13*	*1*
Phenol-d5 (Surr)	*72*		*28 - 118*	*06/22/25 06:35*	*06/22/25 17:13*	*1*
Terphenyl-d14 (Surr)	*72*		*33 - 124*	*06/22/25 06:35*	*06/22/25 17:13*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**8.6**		1.8	0.073	mg/Kg	☼	06/22/25 06:35	06/23/25 17:41	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*18 - 137*	*06/22/25 06:35*	*06/23/25 17:41*	*5*
2-Fluorobiphenyl	*55*		*33 - 117*	*06/22/25 06:35*	*06/23/25 17:41*	*5*
2-Fluorophenol (Surr)	*56*		*24 - 120*	*06/22/25 06:35*	*06/23/25 17:41*	*5*
Nitrobenzene-d5 (Surr)	*54*		*27 - 120*	*06/22/25 06:35*	*06/23/25 17:41*	*5*
Phenol-d5 (Surr)	*56*		*28 - 118*	*06/22/25 06:35*	*06/23/25 17:41*	*5*

Client Sample ID: RX-09(6-8)
Lab Sample ID: 460-328983-2
Date Collected: 06/20/25 10:00
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 92.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - DL (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	*55*		*33 - 124*	*06/22/25 06:35*	*06/23/25 17:41*	*5*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	06/23/25 10:11	06/25/25 11:24	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	06/23/25 10:11	06/25/25 11:24	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	06/23/25 10:11	06/25/25 11:24	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	06/23/25 10:11	06/25/25 11:24	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	06/23/25 10:11	06/25/25 11:24	1
beta-BHC	0.0021	U	0.0021	0.00081	mg/Kg	☼	06/23/25 10:11	06/25/25 11:24	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	06/23/25 10:11	06/25/25 11:24	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	06/23/25 10:11	06/25/25 11:24	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	06/23/25 10:11	06/25/25 11:24	1
Dieldrin	0.0021	U	0.0021	0.00094	mg/Kg	☼	06/23/25 10:11	06/25/25 11:24	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	06/23/25 10:11	06/25/25 11:24	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	06/23/25 10:11	06/25/25 11:24	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	06/23/25 10:11	06/25/25 11:24	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	06/23/25 10:11	06/25/25 11:24	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	06/23/25 10:11	06/25/25 11:24	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	06/23/25 10:11	06/25/25 11:24	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00067	mg/Kg	☼	06/23/25 10:11	06/25/25 11:24	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	06/23/25 10:11	06/25/25 11:24	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	06/23/25 10:11	06/25/25 11:24	1
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	06/23/25 10:11	06/25/25 11:24	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	06/23/25 10:11	06/25/25 11:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*110*		*10 - 150*	*06/23/25 10:11*	*06/25/25 11:24*	*1*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*06/23/25 10:11*	*06/25/25 11:24*	*1*
Tetrachloro-m-xylene	*116*		*14 - 150*	*06/23/25 10:11*	*06/25/25 11:24*	*1*
Tetrachloro-m-xylene	*91*		*14 - 150*	*06/23/25 10:11*	*06/25/25 11:24*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 16:06	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 16:06	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 16:06	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 16:06	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 16:06	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 16:06	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 16:06	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 16:06	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 16:06	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 16:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*120*		*10 - 150*	*06/23/25 10:07*	*06/24/25 16:06*	*1*
DCB Decachlorobiphenyl	*134*		*10 - 150*	*06/23/25 10:07*	*06/24/25 16:06*	*1*
Tetrachloro-m-xylene	*94*		*10 - 150*	*06/23/25 10:07*	*06/24/25 16:06*	*1*
Tetrachloro-m-xylene	*98*		*10 - 150*	*06/23/25 10:07*	*06/24/25 16:06*	*1*

Client Sample ID: RX-09(6-8)

Lab Sample ID: 460-328983-2
Date Collected: 06/20/25 10:00
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 92.4

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0077	mg/Kg	☼	06/23/25 05:41	06/25/25 21:25	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	06/23/25 05:41	06/25/25 21:25	1
Silvex (2,4,5-TP)	0.036	U	0.036	0.0038	mg/Kg	☼	06/23/25 05:41	06/25/25 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*4*	*	*38 - 150*	*06/23/25 05:41*	*06/25/25 21:25*	*1*
2,4-Dichlorophenylacetic acid	*7*	*	*38 - 150*	*06/23/25 05:41*	*06/25/25 21:25*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8240**		19.3	5.3	mg/Kg	☼	06/26/25 07:01	06/26/25 14:28	1
Antimony	0.97	U	0.97	0.14	mg/Kg	☼	06/26/25 07:01	06/26/25 14:28	1
Arsenic	**1.9**		0.97	0.10	mg/Kg	☼	06/26/25 07:01	06/26/25 14:28	1
Barium	**66.1**		1.9	0.14	mg/Kg	☼	06/26/25 07:01	06/26/25 14:28	1
Beryllium	**0.36**	**J**	0.39	0.021	mg/Kg	☼	06/26/25 07:01	06/26/25 14:28	1
Cadmium	0.97	U	0.97	0.11	mg/Kg	☼	06/26/25 07:01	06/26/25 14:28	1
Calcium	**2970**		96.6	9.4	mg/Kg	☼	06/26/25 07:01	06/26/25 14:28	1
Chromium	**18.8**		1.9	0.29	mg/Kg	☼	06/26/25 07:01	06/26/25 14:28	1
Cobalt	**6.7**		1.9	0.14	mg/Kg	☼	06/26/25 07:01	06/26/25 14:28	1
Copper	**14.7**		1.9	0.36	mg/Kg	☼	06/26/25 07:01	06/26/25 14:28	1
Iron	**19500**		58.0	7.4	mg/Kg	☼	06/26/25 07:01	06/26/25 14:28	1
Lead	**47.9**		0.58	0.19	mg/Kg	☼	06/26/25 07:01	06/26/25 14:28	1
Magnesium	**2130**		96.6	9.9	mg/Kg	☼	06/26/25 07:01	06/26/25 14:28	1
Manganese	**733**		3.9	0.39	mg/Kg	☼	06/26/25 07:01	06/26/25 14:28	1
Nickel	**21.9**		1.9	0.17	mg/Kg	☼	06/26/25 07:01	06/26/25 14:28	1
Potassium	**954**		96.6	15.7	mg/Kg	☼	06/26/25 07:01	06/26/25 14:28	1
Selenium	**0.12**	**J**	1.2	0.12	mg/Kg	☼	06/26/25 07:01	06/26/25 14:28	1
Silver	**0.099**	**J**	0.39	0.086	mg/Kg	☼	06/26/25 07:01	06/26/25 14:28	1
Sodium	**152**		96.6	44.2	mg/Kg	☼	06/26/25 07:01	06/26/25 14:28	1
Thallium	**0.086**	**J**	0.39	0.040	mg/Kg	☼	06/26/25 07:01	06/26/25 14:28	1
Vanadium	**22.7**		1.9	0.20	mg/Kg	☼	06/26/25 07:01	06/26/25 14:28	1
Zinc	**25.6**		7.7	1.1	mg/Kg	☼	06/26/25 07:01	06/26/25 14:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.028**		0.018	0.0082	mg/Kg	☼	06/26/25 01:51	06/26/25 11:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	**18.8**		2.0	2.0	mg/Kg	☼		06/26/25 20:02	1
Cr (VI) (SW846 7196A)	2.2	U	2.2	0.92	mg/Kg	☼	06/26/25 12:20	06/26/25 20:20	1
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	06/27/25 12:42	06/27/25 21:56	1
Percent Moisture (EPA Moisture)	**7.6**		1.0	1.0	%			06/22/25 11:55	1
Percent Solids (EPA Moisture)	**92.4**		1.0	1.0	%			06/22/25 11:55	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328983-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-08(0-2)
Lab Sample ID: 460-328983-3
Date Collected: 06/20/25 12:35
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 98.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00095	U *	0.00095	0.00022	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
1,1,2,2-Tetrachloroethane	0.00095	U	0.00095	0.00049	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00095	U	0.00095	0.00028	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
1,1,2-Trichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
1,1-Dichloroethane	0.00095	U	0.00095	0.00056	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
1,1-Dichloroethene	0.00095	U	0.00095	0.00021	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
1,2,3-Trichlorobenzene	0.00095	U	0.00095	0.00070	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
1,2,4-Trichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
1,2,4-Trimethylbenzene	0.00095	U	0.00095	0.00023	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
1,2-Dibromo-3-Chloropropane	0.00095	U	0.00095	0.00043	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
1,2-Dichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
1,2-Dichloroethane	0.00095	U	0.00095	0.00028	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
1,2-Dichloropropane	0.00095	U	0.00095	0.00040	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
1,3,5-Trimethylbenzene	0.00095	U	0.00095	0.00030	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
1,3-Dichlorobenzene	0.00095	U	0.00095	0.00035	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
1,4-Dichlorobenzene	0.00095	U	0.00095	0.00049	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Acetone	0.0057	U	0.0057	0.0054	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Benzene	0.00095	U	0.00095	0.00054	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Bromoform	0.00095	U	0.00095	0.00040	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Bromomethane	0.0019	U	0.0019	0.00095	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Carbon disulfide	0.00095	U	0.00095	0.00025	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Carbon tetrachloride	0.00095	U	0.00095	0.00037	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Chlorobenzene	0.00095	U	0.00095	0.00048	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Chlorobromomethane	0.00095	U	0.00095	0.00056	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Chlorodibromomethane	0.00095	U	0.00095	0.00051	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Chloroethane	0.00095	U	0.00095	0.00049	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Chloroform	0.00095	U	0.00095	0.00092	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Chloromethane	0.00095	U	0.00095	0.00041	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
cis-1,2-Dichloroethene	0.00095	U	0.00095	0.00034	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
cis-1,3-Dichloropropene	0.00095	U	0.00095	0.00026	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Cyclohexane	0.00095	U	0.00095	0.00021	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Dichlorobromomethane	0.00095	U	0.00095	0.00024	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Dichlorodifluoromethane	0.00095	U	0.00095	0.00032	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Ethylbenzene	0.00095	U	0.00095	0.00044	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Ethylene Dibromide	0.00095	U	0.00095	0.00048	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Isopropylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Methyl acetate	0.0047	U	0.0047	0.0041	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Methyl tert-butyl ether	0.00095	U	0.00095	0.00048	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Methylcyclohexane	0.00095	U	0.00095	0.00047	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
m-Xylene & p-Xylene	0.00095	U	0.00095	0.00040	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
n-Butylbenzene	0.00095	U	0.00095	0.00028	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
N-Propylbenzene	0.00095	U	0.00095	0.00042	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
o-Xylene	0.00095	U	0.00095	0.00044	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
sec-Butylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Styrene	0.00095	U	0.00095	0.00026	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328983-1

Client Sample ID: RX-08(0-2)
Date Collected: 06/20/25 12:35
Date Received: 06/20/25 19:50

Lab Sample ID: 460-328983-3
Matrix: Solid
Percent Solids: 98.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00095	U *	0.00095	0.00026	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Tetrachloroethene	0.00095	U	0.00095	0.00029	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Toluene	0.00095	U	0.00095	0.00022	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
trans-1,2-Dichloroethene	0.00095	U	0.00095	0.00023	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
trans-1,3-Dichloropropene	0.00095	U	0.00095	0.00025	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Trichloroethene	0.00095	U	0.00095	0.00030	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Trichlorofluoromethane	0.00095	U	0.00095	0.00038	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Vinyl chloride	0.00095	U	0.00095	0.00052	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1
Xylenes, Total	0.0019	U	0.0019	0.00016	mg/Kg	☼	06/21/25 19:13	06/25/25 10:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*65 - 138*	*06/21/25 19:13*	*06/25/25 10:18*	*1*
4-Bromofluorobenzene	*84*		*71 - 128*	*06/21/25 19:13*	*06/25/25 10:18*	*1*
Dibromofluoromethane (Surr)	*105*		*50 - 150*	*06/21/25 19:13*	*06/25/25 10:18*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*06/21/25 19:13*	*06/25/25 10:18*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
4-Nitroaniline	0.33	U	0.33	0.085	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
4-Nitrophenol	0.68	U	0.68	0.054	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Acenaphthene	0.33	U	0.33	0.0095	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328983-1

Client Sample ID: RX-08(0-2)
Date Collected: 06/20/25 12:35
Date Received: 06/20/25 19:50

Lab Sample ID: 460-328983-3
Matrix: Solid
Percent Solids: 98.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.33	U	0.33	0.010	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Atrazine	0.13	U *	0.13	0.020	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Benzaldehyde	0.33	U *	0.33	0.055	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Benzo[a]anthracene	**0.027**	**J**	0.033	0.025	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Benzo[a]pyrene	**0.023**	**J**	0.033	0.0089	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Benzo[b]fluoranthene	**0.029**	**J**	0.033	0.0086	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Benzo[g,h,i]perylene	**0.10**	**J**	0.33	0.0098	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Benzo[k]fluoranthene	**0.013**	**J**	0.033	0.0065	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.062	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.018	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Caprolactam	0.33	U *	0.33	0.052	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Carbazole	0.33	U	0.33	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Chrysene	**0.022**	**J**	0.33	0.014	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Dibenz(a,h)anthracene	**0.028**	**J**	0.033	0.014	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Di-n-butyl phthalate	0.33	U	0.33	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Fluoranthene	**0.033**	**J**	0.33	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Fluorene	0.33	U	0.33	0.0098	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Hexachlorobutadiene	0.068	U	0.068	0.0071	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Indeno[1,2,3-cd]pyrene	**0.043**		0.033	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Isophorone	0.13	U	0.13	0.096	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Naphthalene	0.33	U	0.33	0.0058	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Phenanthrene	**0.019**	**J**	0.33	0.014	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Phenol	0.33	U	0.33	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1
Pyrene	**0.028**	**J**	0.33	0.0083	mg/Kg	☼	06/22/25 06:35	06/22/25 22:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*64*		*18 - 137*	*06/22/25 06:35*	*06/22/25 22:12*	*1*
2-Fluorobiphenyl	*61*		*33 - 117*	*06/22/25 06:35*	*06/22/25 22:12*	*1*
2-Fluorophenol (Surr)	*62*		*24 - 120*	*06/22/25 06:35*	*06/22/25 22:12*	*1*
Nitrobenzene-d5 (Surr)	*56*		*27 - 120*	*06/22/25 06:35*	*06/22/25 22:12*	*1*
Phenol-d5 (Surr)	*61*		*28 - 118*	*06/22/25 06:35*	*06/22/25 22:12*	*1*
Terphenyl-d14 (Surr)	*57*		*33 - 124*	*06/22/25 06:35*	*06/22/25 22:12*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg	☼	06/23/25 10:11	06/24/25 10:37	1
4,4'-DDE	0.0067	U	0.0067	0.00080	mg/Kg	☼	06/23/25 10:11	06/24/25 10:37	1

Client Sample ID: RX-08(0-2)
Lab Sample ID: 460-328983-3
Date Collected: 06/20/25 12:35
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 98.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg	☼	06/23/25 10:11	06/24/25 10:37	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg	☼	06/23/25 10:11	06/24/25 10:37	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg	☼	06/23/25 10:11	06/24/25 10:37	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg	☼	06/23/25 10:11	06/24/25 10:37	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg	☼	06/23/25 10:11	06/24/25 10:37	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg	☼	06/23/25 10:11	06/24/25 10:37	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg	☼	06/23/25 10:11	06/24/25 10:37	1
Dieldrin	0.0020	U	0.0020	0.00088	mg/Kg	☼	06/23/25 10:11	06/24/25 10:37	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg	☼	06/23/25 10:11	06/24/25 10:37	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg	☼	06/23/25 10:11	06/24/25 10:37	1
Endosulfan sulfate	0.0067	U	0.0067	0.00085	mg/Kg	☼	06/23/25 10:11	06/24/25 10:37	1
Endrin	0.0067	U	0.0067	0.00097	mg/Kg	☼	06/23/25 10:11	06/24/25 10:37	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg	☼	06/23/25 10:11	06/24/25 10:37	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg	☼	06/23/25 10:11	06/24/25 10:37	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg	☼	06/23/25 10:11	06/24/25 10:37	1
Heptachlor	0.0067	U	0.0067	0.00080	mg/Kg	☼	06/23/25 10:11	06/24/25 10:37	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg	☼	06/23/25 10:11	06/24/25 10:37	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg	☼	06/23/25 10:11	06/24/25 10:37	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg	☼	06/23/25 10:11	06/24/25 10:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*65*		*10 - 150*	*06/23/25 10:11*	*06/24/25 10:37*	*1*
DCB Decachlorobiphenyl	*67*		*10 - 150*	*06/23/25 10:11*	*06/24/25 10:37*	*1*
Tetrachloro-m-xylene	*76*		*14 - 150*	*06/23/25 10:11*	*06/24/25 10:37*	*1*
Tetrachloro-m-xylene	*68*		*14 - 150*	*06/23/25 10:11*	*06/24/25 10:37*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 16:22	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 16:22	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 16:22	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 16:22	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 16:22	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 16:22	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 16:22	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 16:22	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 16:22	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*170*	*	*10 - 150*	*06/23/25 10:07*	*06/24/25 16:22*	*1*
DCB Decachlorobiphenyl	*158*	*	*10 - 150*	*06/23/25 10:07*	*06/24/25 16:22*	*1*
Tetrachloro-m-xylene	*151*	*	*10 - 150*	*06/23/25 10:07*	*06/24/25 16:22*	*1*
Tetrachloro-m-xylene	*144*		*10 - 150*	*06/23/25 10:07*	*06/24/25 16:22*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.034	U	0.034	0.0072	mg/Kg	☼	06/23/25 05:41	06/25/25 21:41	1
2,4-D	0.034	U	0.034	0.012	mg/Kg	☼	06/23/25 05:41	06/25/25 21:41	1
Silvex (2,4,5-TP)	0.034	U	0.034	0.0035	mg/Kg	☼	06/23/25 05:41	06/25/25 21:41	1

Client Sample ID: RX-08(0-2)

Lab Sample ID: 460-328983-3

Date Collected: 06/20/25 12:35
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 98.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	2	*	38 - 150	06/23/25 05:41	06/25/25 21:41	1
2,4-Dichlorophenylacetic acid	3	*	38 - 150	06/23/25 05:41	06/25/25 21:41	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4400		18.6	5.1	mg/Kg	☼	06/26/25 07:01	06/26/25 14:31	1
Antimony	0.22	J	0.93	0.14	mg/Kg	☼	06/26/25 07:01	06/26/25 14:31	1
Arsenic	5.1		0.93	0.096	mg/Kg	☼	06/26/25 07:01	06/26/25 14:31	1
Barium	40.4		1.9	0.13	mg/Kg	☼	06/26/25 07:01	06/26/25 14:31	1
Beryllium	0.25	J	0.37	0.020	mg/Kg	☼	06/26/25 07:01	06/26/25 14:31	1
Cadmium	0.22	J	0.93	0.10	mg/Kg	☼	06/26/25 07:01	06/26/25 14:31	1
Calcium	34300		92.8	9.0	mg/Kg	☼	06/26/25 07:01	06/26/25 14:31	1
Chromium	32.4		1.9	0.28	mg/Kg	☼	06/26/25 07:01	06/26/25 14:31	1
Cobalt	4.9		1.9	0.14	mg/Kg	☼	06/26/25 07:01	06/26/25 14:31	1
Copper	55.4		1.9	0.34	mg/Kg	☼	06/26/25 07:01	06/26/25 14:31	1
Iron	17000		55.7	7.1	mg/Kg	☼	06/26/25 07:01	06/26/25 14:31	1
Lead	32.7		0.56	0.19	mg/Kg	☼	06/26/25 07:01	06/26/25 14:31	1
Magnesium	14000		92.8	9.5	mg/Kg	☼	06/26/25 07:01	06/26/25 14:31	1
Manganese	211		3.7	0.37	mg/Kg	☼	06/26/25 07:01	06/26/25 14:31	1
Nickel	20.2		1.9	0.16	mg/Kg	☼	06/26/25 07:01	06/26/25 14:31	1
Potassium	850		92.8	15.0	mg/Kg	☼	06/26/25 07:01	06/26/25 14:31	1
Selenium	0.12	J	1.2	0.12	mg/Kg	☼	06/26/25 07:01	06/26/25 14:31	1
Silver	0.12	J	0.37	0.083	mg/Kg	☼	06/26/25 07:01	06/26/25 14:31	1
Sodium	176		92.8	42.4	mg/Kg	☼	06/26/25 07:01	06/26/25 14:31	1
Thallium	0.045	J	0.37	0.038	mg/Kg	☼	06/26/25 07:01	06/26/25 14:31	1
Vanadium	24.1		1.9	0.19	mg/Kg	☼	06/26/25 07:01	06/26/25 14:31	1
Zinc	89.0		7.4	1.0	mg/Kg	☼	06/26/25 07:01	06/26/25 14:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.086		0.017	0.0081	mg/Kg	☼	06/26/25 01:51	06/26/25 11:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	32.4		2.0	2.0	mg/Kg	☼		06/26/25 20:02	1
Cr (VI) (SW846 7196A)	2.0	U	2.0	0.83	mg/Kg	☼	06/26/25 12:20	06/26/25 21:10	1
Cyanide, Total (SW846 9012B)	0.21	U	0.21	0.11	mg/Kg	☼	06/27/25 12:42	06/27/25 21:57	1
Percent Moisture (EPA Moisture)	1.2		1.0	1.0	%			06/22/25 11:55	1
Percent Solids (EPA Moisture)	98.8		1.0	1.0	%			06/22/25 11:55	1

Client Sample ID: RX-08(6-8)

Lab Sample ID: 460-328983-4

Date Collected: 06/20/25 12:45
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 91.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00084	U *	0.00084	0.00020	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
1,1,2,2-Tetrachloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00084	U	0.00084	0.00025	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
1,1,2-Trichloroethane	0.00084	U	0.00084	0.00051	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
1,1-Dichloroethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328983-1

Client Sample ID: RX-08(6-8)
Date Collected: 06/20/25 12:45
Date Received: 06/20/25 19:50

Lab Sample ID: 460-328983-4
Matrix: Solid
Percent Solids: 91.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.00084	U	0.00084	0.00019	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
1,2,3-Trichlorobenzene	0.00084	U	0.00084	0.00062	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
1,2,4-Trichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
1,2,4-Trimethylbenzene	0.00084	U	0.00084	0.00021	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
1,2-Dibromo-3-Chloropropane	0.00084	U	0.00084	0.00039	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
1,2-Dichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
1,2-Dichloroethane	0.00084	U	0.00084	0.00025	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
1,2-Dichloropropane	0.00084	U	0.00084	0.00036	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
1,3,5-Trimethylbenzene	0.00084	U	0.00084	0.00026	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
1,3-Dichlorobenzene	0.00084	U	0.00084	0.00031	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
1,4-Dichlorobenzene	0.00084	U	0.00084	0.00044	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
2-Butanone (MEK)	**0.011**		0.0042	0.00031	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
2-Hexanone	0.0042	U	0.0042	0.0014	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
4-Methyl-2-pentanone (MIBK)	0.0042	U	0.0042	0.0013	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Acetone	**0.065**		0.0051	0.0048	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Benzene	0.00084	U	0.00084	0.00048	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Bromoform	0.00084	U	0.00084	0.00036	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Bromomethane	0.0017	U	0.0017	0.00084	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Carbon disulfide	0.00084	U	0.00084	0.00022	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Carbon tetrachloride	0.00084	U	0.00084	0.00033	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Chlorobenzene	0.00084	U	0.00084	0.00043	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Chlorobromomethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Chlorodibromomethane	0.00084	U	0.00084	0.00045	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Chloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Chloroform	0.00084	U	0.00084	0.00082	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Chloromethane	0.00084	U	0.00084	0.00037	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
cis-1,2-Dichloroethene	0.00084	U	0.00084	0.00030	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
cis-1,3-Dichloropropene	0.00084	U	0.00084	0.00023	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Cyclohexane	**0.0016**		0.00084	0.00019	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Dichlorobromomethane	0.00084	U	0.00084	0.00022	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Dichlorodifluoromethane	0.00084	U	0.00084	0.00028	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Ethylbenzene	0.00084	U	0.00084	0.00039	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Ethylene Dibromide	0.00084	U	0.00084	0.00042	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Isopropylbenzene	**0.0046**		0.00084	0.00024	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Methyl acetate	0.0042	U	0.0042	0.0036	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Methyl tert-butyl ether	0.00084	U	0.00084	0.00043	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Methylcyclohexane	**0.024**		0.00084	0.00042	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Methylene Chloride	0.0017	U	0.0017	0.00096	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
m-Xylene & p-Xylene	0.00084	U	0.00084	0.00036	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
n-Butylbenzene	**0.0079**		0.00084	0.00025	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
N-Propylbenzene	0.00084	U	0.00084	0.00038	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
o-Xylene	0.00084	U	0.00084	0.00039	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
sec-Butylbenzene	**0.030**		0.00084	0.00024	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Styrene	0.00084	U	0.00084	0.00023	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
tert-Butylbenzene	**0.010**	*	0.00084	0.00023	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Tetrachloroethene	0.00084	U	0.00084	0.00026	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Toluene	0.00084	U	0.00084	0.00020	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
trans-1,2-Dichloroethene	0.00084	U	0.00084	0.00021	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
trans-1,3-Dichloropropene	0.00084	U	0.00084	0.00022	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1

Client Sample ID: RX-08(6-8)
Lab Sample ID: 460-328983-4
Date Collected: 06/20/25 12:45
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 91.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.00084	U	0.00084	0.00027	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Trichlorofluoromethane	0.00084	U	0.00084	0.00034	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Vinyl chloride	0.00084	U	0.00084	0.00046	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	06/21/25 19:14	06/25/25 10:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*80*		*65 - 138*	*06/21/25 19:14*	*06/25/25 10:43*	*1*
4-Bromofluorobenzene	*84*		*71 - 128*	*06/21/25 19:14*	*06/25/25 10:43*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 150*	*06/21/25 19:14*	*06/25/25 10:43*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*06/21/25 19:14*	*06/25/25 10:43*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.046	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Acenaphthene	**0.18**	**J**	0.36	0.010	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Acenaphthylene	**0.058**	**J**	0.36	0.010	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Anthracene	**0.056**	**J**	0.36	0.011	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Atrazine	0.15	U *	0.15	0.021	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Benzaldehyde	0.36	U *	0.36	0.060	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Benzo[a]anthracene	**0.032**	**J**	0.036	0.027	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Benzo[a]pyrene	**0.0098**	**J**	0.036	0.0096	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1

Client Sample ID: RX-08(6-8)
Lab Sample ID: 460-328983-4
Date Collected: 06/20/25 12:45
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 91.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**0.016**	**J**	0.036	0.0093	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Benzo[k]fluoranthene	**0.0076**	**J**	0.036	0.0071	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Bis(2-ethylhexyl) phthalate	**0.028**	**J**	0.36	0.019	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Caprolactam	0.36	U *	0.36	0.056	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Chrysene	**0.031**	**J**	0.36	0.015	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Dibenzofuran	**0.096**	**J**	0.36	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Fluoranthene	**0.19**	**J**	0.36	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Fluorene	**0.27**	**J**	0.36	0.011	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Isophorone	0.15	U	0.15	0.10	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Phenanthrene	**0.24**	**J**	0.36	0.015	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1
Pyrene	**0.12**	**J**	0.36	0.0090	mg/Kg	☼	06/22/25 06:35	06/22/25 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*18 - 137*	*06/22/25 06:35*	*06/22/25 17:30*	*1*
2-Fluorobiphenyl	*63*		*33 - 117*	*06/22/25 06:35*	*06/22/25 17:30*	*1*
2-Fluorophenol (Surr)	*63*		*24 - 120*	*06/22/25 06:35*	*06/22/25 17:30*	*1*
Nitrobenzene-d5 (Surr)	*60*		*27 - 120*	*06/22/25 06:35*	*06/22/25 17:30*	*1*
Phenol-d5 (Surr)	*61*		*28 - 118*	*06/22/25 06:35*	*06/22/25 17:30*	*1*
Terphenyl-d14 (Surr)	*61*		*33 - 124*	*06/22/25 06:35*	*06/22/25 17:30*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	06/23/25 10:11	06/25/25 11:37	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	06/23/25 10:11	06/25/25 11:37	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	06/23/25 10:11	06/25/25 11:37	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	06/23/25 10:11	06/25/25 11:37	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	06/23/25 10:11	06/25/25 11:37	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	06/23/25 10:11	06/25/25 11:37	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	06/23/25 10:11	06/25/25 11:37	1

Client Sample ID: RX-08(6-8)
Lab Sample ID: 460-328983-4
Date Collected: 06/20/25 12:45
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 91.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	06/23/25 10:11	06/25/25 11:37	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	06/23/25 10:11	06/25/25 11:37	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	06/23/25 10:11	06/25/25 11:37	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	06/23/25 10:11	06/25/25 11:37	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	06/23/25 10:11	06/25/25 11:37	1
Endosulfan sulfate	0.0073	U	0.0073	0.00091	mg/Kg	☼	06/23/25 10:11	06/25/25 11:37	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	06/23/25 10:11	06/25/25 11:37	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	06/23/25 10:11	06/25/25 11:37	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	06/23/25 10:11	06/25/25 11:37	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	06/23/25 10:11	06/25/25 11:37	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	06/23/25 10:11	06/25/25 11:37	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	06/23/25 10:11	06/25/25 11:37	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	06/23/25 10:11	06/25/25 11:37	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	06/23/25 10:11	06/25/25 11:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*112*		*10 - 150*	*06/23/25 10:11*	*06/25/25 11:37*	*1*
DCB Decachlorobiphenyl	*96*		*10 - 150*	*06/23/25 10:11*	*06/25/25 11:37*	*1*
Tetrachloro-m-xylene	*92*		*14 - 150*	*06/23/25 10:11*	*06/25/25 11:37*	*1*
Tetrachloro-m-xylene	*101*		*14 - 150*	*06/23/25 10:11*	*06/25/25 11:37*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 16:39	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 16:39	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 16:39	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 16:39	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 16:39	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 16:39	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 16:39	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 16:39	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 16:39	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*136*		*10 - 150*	*06/23/25 10:07*	*06/24/25 16:39*	*1*
DCB Decachlorobiphenyl	*159*	*	*10 - 150*	*06/23/25 10:07*	*06/24/25 16:39*	*1*
Tetrachloro-m-xylene	*116*		*10 - 150*	*06/23/25 10:07*	*06/24/25 16:39*	*1*
Tetrachloro-m-xylene	*121*		*10 - 150*	*06/23/25 10:07*	*06/24/25 16:39*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0077	mg/Kg	☼	06/23/25 05:41	06/25/25 21:58	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	06/23/25 05:41	06/25/25 21:58	1
Silvex (2,4,5-TP)	0.036	U	0.036	0.0038	mg/Kg	☼	06/23/25 05:41	06/25/25 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*3*	*	*38 - 150*	*06/23/25 05:41*	*06/25/25 21:58*	*1*
2,4-Dichlorophenylacetic acid	*4*	*	*38 - 150*	*06/23/25 05:41*	*06/25/25 21:58*	*1*

Client Sample ID: RX-08(6-8)

Lab Sample ID: 460-328983-4
Date Collected: 06/20/25 12:45
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 91.7

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11400**		19.5	5.3	mg/Kg	☼	06/26/25 07:01	06/26/25 14:34	1
Antimony	0.97	U	0.97	0.14	mg/Kg	☼	06/26/25 07:01	06/26/25 14:34	1
Arsenic	**2.4**		0.97	0.10	mg/Kg	☼	06/26/25 07:01	06/26/25 14:34	1
Barium	**58.6**		1.9	0.14	mg/Kg	☼	06/26/25 07:01	06/26/25 14:34	1
Beryllium	**0.38**	**J**	0.39	0.021	mg/Kg	☼	06/26/25 07:01	06/26/25 14:34	1
Cadmium	0.97	U	0.97	0.11	mg/Kg	☼	06/26/25 07:01	06/26/25 14:34	1
Calcium	**960**		97.4	9.5	mg/Kg	☼	06/26/25 07:01	06/26/25 14:34	1
Chromium	**19.3**		1.9	0.29	mg/Kg	☼	06/26/25 07:01	06/26/25 14:34	1
Cobalt	**5.9**		1.9	0.14	mg/Kg	☼	06/26/25 07:01	06/26/25 14:34	1
Copper	**21.2**		1.9	0.36	mg/Kg	☼	06/26/25 07:01	06/26/25 14:34	1
Iron	**16600**		58.4	7.5	mg/Kg	☼	06/26/25 07:01	06/26/25 14:34	1
Lead	**18.8**		0.58	0.19	mg/Kg	☼	06/26/25 07:01	06/26/25 14:34	1
Magnesium	**2850**		97.4	9.9	mg/Kg	☼	06/26/25 07:01	06/26/25 14:34	1
Manganese	**139**		3.9	0.39	mg/Kg	☼	06/26/25 07:01	06/26/25 14:34	1
Nickel	**15.9**		1.9	0.17	mg/Kg	☼	06/26/25 07:01	06/26/25 14:34	1
Potassium	**1480**		97.4	15.8	mg/Kg	☼	06/26/25 07:01	06/26/25 14:34	1
Selenium	**0.15**	**J**	1.2	0.12	mg/Kg	☼	06/26/25 07:01	06/26/25 14:34	1
Silver	**0.11**	**J**	0.39	0.087	mg/Kg	☼	06/26/25 07:01	06/26/25 14:34	1
Sodium	**201**		97.4	44.5	mg/Kg	☼	06/26/25 07:01	06/26/25 14:34	1
Thallium	**0.11**	**J**	0.39	0.040	mg/Kg	☼	06/26/25 07:01	06/26/25 14:34	1
Vanadium	**28.4**		1.9	0.20	mg/Kg	☼	06/26/25 07:01	06/26/25 14:34	1
Zinc	**88.8**		7.8	1.1	mg/Kg	☼	06/26/25 07:01	06/26/25 14:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.055**		0.018	0.0083	mg/Kg	☼	06/26/25 01:51	06/26/25 11:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	**19.3**		2.0	2.0	mg/Kg	☼		06/26/25 20:02	1
Cr (VI) (SW846 7196A)	2.2	U	2.2	0.93	mg/Kg	☼	06/26/25 12:20	06/26/25 21:10	1
Cyanide, Total (SW846 9012B)	0.24	U	0.24	0.13	mg/Kg	☼	06/27/25 12:42	06/27/25 21:59	1
Percent Moisture (EPA Moisture)	**8.3**		1.0	1.0	%			06/22/25 11:55	1
Percent Solids (EPA Moisture)	**91.7**		1.0	1.0	%			06/22/25 11:55	1

Client Sample ID: RX-03(0-2)

Lab Sample ID: 460-328983-5
Date Collected: 06/20/25 14:35
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U *	0.0010	0.00024	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00032	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00024	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328983-1

Client Sample ID: RX-03(0-2)
Date Collected: 06/20/25 14:35
Date Received: 06/20/25 19:50

Lab Sample ID: 460-328983-5
Matrix: Solid
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00039	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Carbon tetrachloride	0.0010	U	0.0010	0.00041	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Chloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Chloromethane	0.0010	U	0.0010	0.00046	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00029	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Ethylene Dibromide	0.0010	U	0.0010	0.00053	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00054	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
tert-Butylbenzene	0.0010	U *	0.0010	0.00029	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Trichloroethene	0.0010	U	0.0010	0.00034	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1
Xylenes, Total	0.0021	U	0.0021	0.00018	mg/Kg	☼	06/21/25 19:15	06/25/25 11:08	1

Client Sample ID: RX-03(0-2)
Date Collected: 06/20/25 14:35
Date Received: 06/20/25 19:50

Lab Sample ID: 460-328983-5
Matrix: Solid
Percent Solids: 98.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*73*		*65 - 138*	*06/21/25 19:15*	*06/25/25 11:08*	*1*
4-Bromofluorobenzene	*77*		*71 - 128*	*06/21/25 19:15*	*06/25/25 11:08*	*1*
Dibromofluoromethane (Surr)	*92*		*50 - 150*	*06/21/25 19:15*	*06/25/25 11:08*	*1*
Toluene-d8 (Surr)	*87*		*71 - 126*	*06/21/25 19:15*	*06/25/25 11:08*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**0.013**	**J**	0.33	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
2-Methylnaphthalene	**0.062**	**J**	0.33	0.0094	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
2-Nitrophenol	0.33	U	0.33	0.034	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.051	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
4-Nitroaniline	0.33	U	0.33	0.085	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
4-Nitrophenol	0.68	U	0.68	0.055	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Acenaphthene	**0.80**		0.33	0.0095	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Acenaphthylene	**0.019**	**J**	0.33	0.0096	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Anthracene	**3.2**		0.33	0.010	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Atrazine	0.13	U *	0.13	0.020	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Benzaldehyde	0.33	U *	0.33	0.055	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Benzo[a]anthracene	**5.6**		0.033	0.025	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Benzo[a]pyrene	**6.4**		0.033	0.0089	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Benzo[g,h,i]perylene	**1.8**		0.33	0.0099	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Benzo[k]fluoranthene	**3.4**		0.033	0.0066	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.062	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.018	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Butyl benzyl phthalate	**0.028**	**J**	0.33	0.016	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1

Client Sample ID: RX-03(0-2)
Lab Sample ID: 460-328983-5
Date Collected: 06/20/25 14:35
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 98.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	0.33	U *	0.33	0.052	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Carbazole	**0.31**	**J**	0.33	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Chrysene	**6.5**		0.33	0.014	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Dibenz(a,h)anthracene	**0.67**		0.033	0.014	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Dibenzofuran	**0.32**	**J**	0.33	0.011	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Di-n-butyl phthalate	0.33	U	0.33	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Fluorene	**0.74**		0.33	0.0098	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Hexachlorobutadiene	0.068	U	0.068	0.0071	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Indeno[1,2,3-cd]pyrene	**2.1**		0.033	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Isophorone	0.13	U	0.13	0.097	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Naphthalene	**0.037**	**J**	0.33	0.0058	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Nitrobenzene	0.033	U	0.033	0.019	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.028	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Phenanthrene	**6.4**		0.33	0.014	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1
Phenol	0.33	U	0.33	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*18 - 137*	*06/22/25 06:35*	*06/22/25 22:47*	*1*
2-Fluorobiphenyl	*65*		*33 - 117*	*06/22/25 06:35*	*06/22/25 22:47*	*1*
2-Fluorophenol (Surr)	*67*		*24 - 120*	*06/22/25 06:35*	*06/22/25 22:47*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*06/22/25 06:35*	*06/22/25 22:47*	*1*
Phenol-d5 (Surr)	*68*		*28 - 118*	*06/22/25 06:35*	*06/22/25 22:47*	*1*
Terphenyl-d14 (Surr)	*59*		*33 - 124*	*06/22/25 06:35*	*06/22/25 22:47*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**6.9**		0.17	0.043	mg/Kg	☼	06/22/25 06:35	06/23/25 17:59	5
Fluoranthene	**8.6**		1.7	0.058	mg/Kg	☼	06/22/25 06:35	06/23/25 17:59	5
Pyrene	**6.8**		1.7	0.042	mg/Kg	☼	06/22/25 06:35	06/23/25 17:59	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*47*		*18 - 137*	*06/22/25 06:35*	*06/23/25 17:59*	*5*
2-Fluorobiphenyl	*51*		*33 - 117*	*06/22/25 06:35*	*06/23/25 17:59*	*5*
2-Fluorophenol (Surr)	*51*		*24 - 120*	*06/22/25 06:35*	*06/23/25 17:59*	*5*
Nitrobenzene-d5 (Surr)	*49*		*27 - 120*	*06/22/25 06:35*	*06/23/25 17:59*	*5*
Phenol-d5 (Surr)	*50*		*28 - 118*	*06/22/25 06:35*	*06/23/25 17:59*	*5*
Terphenyl-d14 (Surr)	*45*		*33 - 124*	*06/22/25 06:35*	*06/23/25 17:59*	*5*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg	☼	06/23/25 10:11	06/24/25 11:01	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg	☼	06/23/25 10:11	06/24/25 11:01	1

Client Sample ID: RX-03(0-2)
Lab Sample ID: 460-328983-5
Date Collected: 06/20/25 14:35
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 98.9

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg	☼	06/23/25 10:11	06/24/25 11:01	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg	☼	06/23/25 10:11	06/24/25 11:01	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg	☼	06/23/25 10:11	06/24/25 11:01	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg	☼	06/23/25 10:11	06/24/25 11:01	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg	☼	06/23/25 10:11	06/24/25 11:01	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg	☼	06/23/25 10:11	06/24/25 11:01	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg	☼	06/23/25 10:11	06/24/25 11:01	1
Dieldrin	0.0020	U	0.0020	0.00088	mg/Kg	☼	06/23/25 10:11	06/24/25 11:01	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg	☼	06/23/25 10:11	06/24/25 11:01	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg	☼	06/23/25 10:11	06/24/25 11:01	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg	☼	06/23/25 10:11	06/24/25 11:01	1
Endrin	0.0067	U	0.0067	0.00097	mg/Kg	☼	06/23/25 10:11	06/24/25 11:01	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg	☼	06/23/25 10:11	06/24/25 11:01	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg	☼	06/23/25 10:11	06/24/25 11:01	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg	☼	06/23/25 10:11	06/24/25 11:01	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg	☼	06/23/25 10:11	06/24/25 11:01	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg	☼	06/23/25 10:11	06/24/25 11:01	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg	☼	06/23/25 10:11	06/24/25 11:01	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg	☼	06/23/25 10:11	06/24/25 11:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*70*		*10 - 150*	*06/23/25 10:11*	*06/24/25 11:01*	*1*
DCB Decachlorobiphenyl	*65*		*10 - 150*	*06/23/25 10:11*	*06/24/25 11:01*	*1*
Tetrachloro-m-xylene	*72*		*14 - 150*	*06/23/25 10:11*	*06/24/25 11:01*	*1*
Tetrachloro-m-xylene	*70*		*14 - 150*	*06/23/25 10:11*	*06/24/25 11:01*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 16:55	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 16:55	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 16:55	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 16:55	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 16:55	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 16:55	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 16:55	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 16:55	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 16:55	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg	☼	06/23/25 10:07	06/24/25 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*06/23/25 10:07*	*06/24/25 16:55*	*1*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*06/23/25 10:07*	*06/24/25 16:55*	*1*
Tetrachloro-m-xylene	*106*		*10 - 150*	*06/23/25 10:07*	*06/24/25 16:55*	*1*
Tetrachloro-m-xylene	*101*		*10 - 150*	*06/23/25 10:07*	*06/24/25 16:55*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.034	U	0.034	0.0072	mg/Kg	☼	06/23/25 05:41	06/25/25 22:15	1
2,4-D	0.034	U	0.034	0.012	mg/Kg	☼	06/23/25 05:41	06/25/25 22:15	1
Silvex (2,4,5-TP)	0.034	U	0.034	0.0035	mg/Kg	☼	06/23/25 05:41	06/25/25 22:15	1

Client Sample ID: RX-03(0-2)

Lab Sample ID: 460-328983-5

Date Collected: 06/20/25 14:35
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 98.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	4	*	38 - 150	06/23/25 05:41	06/25/25 22:15	1
2,4-Dichlorophenylacetic acid	3	*	38 - 150	06/23/25 05:41	06/25/25 22:15	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2960**		17.7	4.9	mg/Kg	☼	06/26/25 07:01	06/26/25 14:37	1
Antimony	**0.13**	**J**	0.89	0.13	mg/Kg	☼	06/26/25 07:01	06/26/25 14:37	1
Arsenic	**4.4**		0.89	0.091	mg/Kg	☼	06/26/25 07:01	06/26/25 14:37	1
Barium	**31.8**		1.8	0.13	mg/Kg	☼	06/26/25 07:01	06/26/25 14:37	1
Beryllium	**0.14**	**J**	0.35	0.020	mg/Kg	☼	06/26/25 07:01	06/26/25 14:37	1
Cadmium	0.89	U	0.89	0.10	mg/Kg	☼	06/26/25 07:01	06/26/25 14:37	1
Calcium	**62200**		88.7	8.6	mg/Kg	☼	06/26/25 07:01	06/26/25 14:37	1
Chromium	**13.9**		1.8	0.26	mg/Kg	☼	06/26/25 07:01	06/26/25 14:37	1
Cobalt	**3.7**		1.8	0.13	mg/Kg	☼	06/26/25 07:01	06/26/25 14:37	1
Copper	**24.7**		1.8	0.33	mg/Kg	☼	06/26/25 07:01	06/26/25 14:37	1
Iron	**11700**		53.2	6.8	mg/Kg	☼	06/26/25 07:01	06/26/25 14:37	1
Lead	**41.2**		0.53	0.18	mg/Kg	☼	06/26/25 07:01	06/26/25 14:37	1
Magnesium	**31800**		88.7	9.0	mg/Kg	☼	06/26/25 07:01	06/26/25 14:37	1
Manganese	**136**		3.5	0.36	mg/Kg	☼	06/26/25 07:01	06/26/25 14:37	1
Nickel	**8.7**		1.8	0.16	mg/Kg	☼	06/26/25 07:01	06/26/25 14:37	1
Potassium	**580**		88.7	14.4	mg/Kg	☼	06/26/25 07:01	06/26/25 14:37	1
Selenium	1.1	U	1.1	0.11	mg/Kg	☼	06/26/25 07:01	06/26/25 14:37	1
Silver	0.35	U	0.35	0.079	mg/Kg	☼	06/26/25 07:01	06/26/25 14:37	1
Sodium	**250**		88.7	40.5	mg/Kg	☼	06/26/25 07:01	06/26/25 14:37	1
Thallium	0.35	U	0.35	0.036	mg/Kg	☼	06/26/25 07:01	06/26/25 14:37	1
Vanadium	**30.1**		1.8	0.18	mg/Kg	☼	06/26/25 07:01	06/26/25 14:37	1
Zinc	**26.8**		7.1	0.97	mg/Kg	☼	06/26/25 07:01	06/26/25 14:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.016**		0.016	0.0075	mg/Kg	☼	06/26/25 01:51	06/26/25 11:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	**13.9**		2.0	2.0	mg/Kg	☼		06/26/25 20:02	1
Cr (VI) (SW846 7196A)	2.0	U	2.0	0.84	mg/Kg	☼	06/26/25 12:20	06/26/25 21:10	1
Cyanide, Total (SW846 9012B)	0.24	U	0.24	0.13	mg/Kg	☼	06/27/25 12:42	06/27/25 22:00	1
Percent Moisture (EPA Moisture)	**1.1**		1.0	1.0	%			06/22/25 11:55	1
Percent Solids (EPA Moisture)	**98.9**		1.0	1.0	%			06/22/25 11:55	1

Client Sample ID: RX-03(4-6)

Lab Sample ID: 460-328983-6

Date Collected: 06/20/25 14:45
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U *	0.0014	0.00032	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00071	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00081	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328983-1

Client Sample ID: RX-03(4-6)
Date Collected: 06/20/25 14:45
Date Received: 06/20/25 19:50

Lab Sample ID: 460-328983-6
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00063	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00040	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00058	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00043	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00071	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
2-Butanone (MEK)	**0.0063**	**J**	0.0068	0.00050	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
2-Hexanone	0.0068	U	0.0068	0.0023	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
4-Methyl-2-pentanone (MIBK)	0.0068	U	0.0068	0.0021	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Acetone	**0.054**		0.0082	0.0078	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Benzene	0.0014	U	0.0014	0.00077	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Bromoform	0.0014	U	0.0014	0.00058	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Bromomethane	0.0027	U	0.0027	0.0014	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Carbon disulfide	**0.0024**		0.0014	0.00036	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Carbon tetrachloride	0.0014	U	0.0014	0.00053	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Chlorobenzene	0.0014	U	0.0014	0.00069	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Chlorobromomethane	0.0014	U	0.0014	0.00081	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Chlorodibromomethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Chloroethane	0.0014	U	0.0014	0.00071	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Chloromethane	0.0014	U	0.0014	0.00059	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00046	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Ethylbenzene	0.0014	U	0.0014	0.00064	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Ethylene Dibromide	0.0014	U	0.0014	0.00069	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Methyl acetate	0.0068	U	0.0068	0.0059	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00070	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Methylcyclohexane	0.0014	U	0.0014	0.00068	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Methylene Chloride	0.0027	U	0.0027	0.0016	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00058	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
n-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
N-Propylbenzene	0.0014	U	0.0014	0.00061	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
o-Xylene	0.0014	U	0.0014	0.00063	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
sec-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
tert-Butylbenzene	0.0014	U *	0.0014	0.00038	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00036	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1

Client Sample ID: RX-03(4-6)
Lab Sample ID: 460-328983-6
Date Collected: 06/20/25 14:45
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00055	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Vinyl chloride	0.0014	U	0.0014	0.00074	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1
Xylenes, Total	0.0027	U	0.0027	0.00024	mg/Kg	☼	06/21/25 19:16	06/25/25 11:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*65 - 138*	*06/21/25 19:16*	*06/25/25 11:32*	*1*
4-Bromofluorobenzene	*84*		*71 - 128*	*06/21/25 19:16*	*06/25/25 11:32*	*1*
Dibromofluoromethane (Surr)	*87*		*50 - 150*	*06/21/25 19:16*	*06/25/25 11:32*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*06/21/25 19:16*	*06/25/25 11:32*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**0.11**	**J**	0.36	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
2-Chloronaphthalene	**0.36**		0.36	0.046	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
2-Methylnaphthalene	**0.11**	**J**	0.36	0.010	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
3 & 4 Methylphenol	**0.038**	**J**	0.36	0.022	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
4-Methylphenol	**0.038**	**J**	0.36	0.023	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Acenaphthene	**0.014**	**J**	0.36	0.010	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Acenaphthylene	**0.45**		0.36	0.010	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Anthracene	**0.087**	**J**	0.36	0.011	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Benzaldehyde	0.36	U *	0.36	0.060	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Benzo[a]anthracene	**0.21**		0.036	0.027	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Benzo[a]pyrene	**0.20**		0.036	0.0096	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1

Client Sample ID: RX-03(4-6)
Lab Sample ID: 460-328983-6
Date Collected: 06/20/25 14:45
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 91.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**0.33**		0.036	0.0093	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Benzo[g,h,i]perylene	**0.17**	**J**	0.36	0.011	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Benzo[k]fluoranthene	**0.093**		0.036	0.0071	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Caprolactam	0.36	U *	0.36	0.056	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Chrysene	**0.25**	**J**	0.36	0.015	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Dibenz(a,h)anthracene	**0.048**		0.036	0.016	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Dibenzofuran	**0.034**	**J**	0.36	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Fluoranthene	**0.52**		0.36	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Fluorene	**0.058**	**J**	0.36	0.011	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Indeno[1,2,3-cd]pyrene	**0.15**		0.036	0.014	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Naphthalene	**1.2**		0.36	0.0062	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Phenanthrene	**0.51**		0.36	0.015	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1
Pyrene	**0.44**		0.36	0.0090	mg/Kg	☼	06/22/25 06:35	06/22/25 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*18 - 137*	*06/22/25 06:35*	*06/22/25 20:27*	*1*
2-Fluorobiphenyl	*75*		*33 - 117*	*06/22/25 06:35*	*06/22/25 20:27*	*1*
2-Fluorophenol (Surr)	*76*		*24 - 120*	*06/22/25 06:35*	*06/22/25 20:27*	*1*
Nitrobenzene-d5 (Surr)	*72*		*27 - 120*	*06/22/25 06:35*	*06/22/25 20:27*	*1*
Phenol-d5 (Surr)	*75*		*28 - 118*	*06/22/25 06:35*	*06/22/25 20:27*	*1*
Terphenyl-d14 (Surr)	*75*		*33 - 124*	*06/22/25 06:35*	*06/22/25 20:27*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	06/23/25 10:11	06/25/25 11:50	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	06/23/25 10:11	06/25/25 11:50	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	06/23/25 10:11	06/25/25 11:50	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	06/23/25 10:11	06/25/25 11:50	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	06/23/25 10:11	06/25/25 11:50	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	06/23/25 10:11	06/25/25 11:50	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	06/23/25 10:11	06/25/25 11:50	1

Client Sample ID: RX-03(4-6)
Lab Sample ID: 460-328983-6
Date Collected: 06/20/25 14:45
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 91.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	06/23/25 10:11	06/25/25 11:50	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	06/23/25 10:11	06/25/25 11:50	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	06/23/25 10:11	06/25/25 11:50	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	06/23/25 10:11	06/25/25 11:50	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	06/23/25 10:11	06/25/25 11:50	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	06/23/25 10:11	06/25/25 11:50	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	06/23/25 10:11	06/25/25 11:50	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	06/23/25 10:11	06/25/25 11:50	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	06/23/25 10:11	06/25/25 11:50	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	06/23/25 10:11	06/25/25 11:50	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	06/23/25 10:11	06/25/25 11:50	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	06/23/25 10:11	06/25/25 11:50	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	06/23/25 10:11	06/25/25 11:50	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	06/23/25 10:11	06/25/25 11:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*78*		*10 - 150*	*06/23/25 10:11*	*06/25/25 11:50*	*1*
DCB Decachlorobiphenyl	*81*		*10 - 150*	*06/23/25 10:11*	*06/25/25 11:50*	*1*
Tetrachloro-m-xylene	*76*		*14 - 150*	*06/23/25 10:11*	*06/25/25 11:50*	*1*
Tetrachloro-m-xylene	*95*		*14 - 150*	*06/23/25 10:11*	*06/25/25 11:50*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 17:12	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 17:12	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 17:12	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 17:12	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 17:12	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 17:12	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 17:12	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 17:12	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 17:12	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	06/23/25 10:07	06/24/25 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*118*		*10 - 150*	*06/23/25 10:07*	*06/24/25 17:12*	*1*
DCB Decachlorobiphenyl	*108*		*10 - 150*	*06/23/25 10:07*	*06/24/25 17:12*	*1*
Tetrachloro-m-xylene	*122*		*10 - 150*	*06/23/25 10:07*	*06/24/25 17:12*	*1*
Tetrachloro-m-xylene	*121*		*10 - 150*	*06/23/25 10:07*	*06/24/25 17:12*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0077	mg/Kg	☼	06/23/25 05:41	06/25/25 22:32	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	06/23/25 05:41	06/25/25 22:32	1
Silvex (2,4,5-TP)	0.036	U	0.036	0.0038	mg/Kg	☼	06/23/25 05:41	06/25/25 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*1*	*	*38 - 150*	*06/23/25 05:41*	*06/25/25 22:32*	*1*
2,4-Dichlorophenylacetic acid	*3*	*	*38 - 150*	*06/23/25 05:41*	*06/25/25 22:32*	*1*

Client Sample ID: RX-03(4-6)

Lab Sample ID: 460-328983-6

Date Collected: 06/20/25 14:45
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 91.4

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3490		19.5	5.4	mg/Kg	☼	06/26/25 07:01	06/26/25 14:39	1
Antimony	0.17	J	0.98	0.14	mg/Kg	☼	06/26/25 07:01	06/26/25 14:39	1
Arsenic	8.9		0.98	0.10	mg/Kg	☼	06/26/25 07:01	06/26/25 14:39	1
Barium	51.8		2.0	0.14	mg/Kg	☼	06/26/25 07:01	06/26/25 14:39	1
Beryllium	0.45		0.39	0.021	mg/Kg	☼	06/26/25 07:01	06/26/25 14:39	1
Cadmium	0.98	U	0.98	0.11	mg/Kg	☼	06/26/25 07:01	06/26/25 14:39	1
Calcium	10600		97.6	9.5	mg/Kg	☼	06/26/25 07:01	06/26/25 14:39	1
Chromium	11.6		2.0	0.29	mg/Kg	☼	06/26/25 07:01	06/26/25 14:39	1
Cobalt	5.1		2.0	0.14	mg/Kg	☼	06/26/25 07:01	06/26/25 14:39	1
Copper	25.4		2.0	0.36	mg/Kg	☼	06/26/25 07:01	06/26/25 14:39	1
Iron	11200		58.6	7.5	mg/Kg	☼	06/26/25 07:01	06/26/25 14:39	1
Lead	19.4		0.59	0.20	mg/Kg	☼	06/26/25 07:01	06/26/25 14:39	1
Magnesium	5610		97.6	10	mg/Kg	☼	06/26/25 07:01	06/26/25 14:39	1
Manganese	73.2		3.9	0.39	mg/Kg	☼	06/26/25 07:01	06/26/25 14:39	1
Nickel	12.7		2.0	0.17	mg/Kg	☼	06/26/25 07:01	06/26/25 14:39	1
Potassium	626		97.6	15.8	mg/Kg	☼	06/26/25 07:01	06/26/25 14:39	1
Selenium	0.65	J	1.2	0.12	mg/Kg	☼	06/26/25 07:01	06/26/25 14:39	1
Silver	0.39	U	0.39	0.087	mg/Kg	☼	06/26/25 07:01	06/26/25 14:39	1
Sodium	162		97.6	44.6	mg/Kg	☼	06/26/25 07:01	06/26/25 14:39	1
Thallium	0.16	J	0.39	0.040	mg/Kg	☼	06/26/25 07:01	06/26/25 14:39	1
Vanadium	19.0		2.0	0.20	mg/Kg	☼	06/26/25 07:01	06/26/25 14:39	1
Zinc	31.5		7.8	1.1	mg/Kg	☼	06/26/25 07:01	06/26/25 14:39	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019		0.017	0.0081	mg/Kg	☼	06/26/25 01:51	06/26/25 11:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	11.6		2.0	2.0	mg/Kg	☼		06/26/25 20:02	1
Cr (VI) (SW846 7196A)	2.2	U	2.2	0.92	mg/Kg	☼	06/26/25 12:20	06/26/25 21:10	1
Cyanide, Total (SW846 9012B)	0.23	U	0.23	0.13	mg/Kg	☼	06/27/25 12:42	06/27/25 22:01	1
Percent Moisture (EPA Moisture)	8.6		1.0	1.0	%			06/22/25 11:55	1
Percent Solids (EPA Moisture)	91.4		1.0	1.0	%			06/22/25 11:55	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 460-328983-7

Date Collected: 06/20/25 00:00
Matrix: Water
Date Received: 06/20/25 19:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			06/27/25 10:05	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			06/27/25 10:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			06/27/25 10:05	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			06/27/25 10:05	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			06/27/25 10:05	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/27/25 10:05	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			06/27/25 10:05	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			06/27/25 10:05	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			06/27/25 10:05	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328983-1

Client Sample ID: TRIP BLANK
Date Collected: 06/20/25 00:00
Date Received: 06/20/25 19:50

Lab Sample ID: 460-328983-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			06/27/25 10:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			06/27/25 10:05	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			06/27/25 10:05	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			06/27/25 10:05	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			06/27/25 10:05	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			06/27/25 10:05	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			06/27/25 10:05	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			06/27/25 10:05	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			06/27/25 10:05	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			06/27/25 10:05	1
Acetone	5.0	U	5.0	4.4	ug/L			06/27/25 10:05	1
Benzene	0.45	U	0.45	0.070	ug/L			06/27/25 10:05	1
Bromoform	1.0	U	1.0	0.54	ug/L			06/27/25 10:05	1
Bromomethane	1.0	U	1.0	0.55	ug/L			06/27/25 10:05	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			06/27/25 10:05	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			06/27/25 10:05	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			06/27/25 10:05	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			06/27/25 10:05	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			06/27/25 10:05	1
Chloroethane	1.0	U	1.0	0.32	ug/L			06/27/25 10:05	1
Chloroform	1.0	U	1.0	0.33	ug/L			06/27/25 10:05	1
Chloromethane	1.0	U	1.0	0.40	ug/L			06/27/25 10:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			06/27/25 10:05	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			06/27/25 10:05	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			06/27/25 10:05	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			06/27/25 10:05	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/27/25 10:05	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			06/27/25 10:05	1
Ethylene Dibromide	1.0	U *	1.0	0.50	ug/L			06/27/25 10:05	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			06/27/25 10:05	1
Methyl acetate	5.0	U *	5.0	0.79	ug/L			06/27/25 10:05	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			06/27/25 10:05	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			06/27/25 10:05	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			06/27/25 10:05	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			06/27/25 10:05	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			06/27/25 10:05	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			06/27/25 10:05	1
o-Xylene	1.0	U	1.0	0.36	ug/L			06/27/25 10:05	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			06/27/25 10:05	1
Styrene	1.0	U	1.0	0.42	ug/L			06/27/25 10:05	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			06/27/25 10:05	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			06/27/25 10:05	1
Toluene	1.0	U	1.0	0.38	ug/L			06/27/25 10:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/27/25 10:05	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			06/27/25 10:05	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			06/27/25 10:05	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			06/27/25 10:05	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			06/27/25 10:05	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			06/27/25 10:05	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328983-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: TRIP BLANK
Lab Sample ID: 460-328983-7
Date Collected: 06/20/25 00:00
Matrix: Water
Date Received: 06/20/25 19:50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		70 - 128		06/27/25 10:05	1
4-Bromofluorobenzene	92		76 - 120		06/27/25 10:05	1
Dibromofluoromethane (Surr)	94		77 - 132		06/27/25 10:05	1
Toluene-d8 (Surr)	99		80 - 120		06/27/25 10:05	1

Surrogate Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-328983-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-328983-1	RX-09(0-2)	90	91	113	101
460-328983-2	RX-09(6-8)	90	87	113	103
460-328983-3	RX-08(0-2)	81	84	105	95
460-328983-4	RX-08(6-8)	80	84	100	103
460-328983-5	RX-03(0-2)	73	77	92	87
460-328983-6	RX-03(4-6)	81	84	87	94
LCS 460-1045853/28	Lab Control Sample	84	81	101	97
LCSD 460-1045853/4	Lab Control Sample Dup	89	85	106	101
MB 460-1045853/7	Method Blank	80	73	97	87

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-328983-7	TRIP BLANK	107	92	94	99
LCS 460-1046423/5	Lab Control Sample	101	93	91	103
LCSD 460-1046423/6	Lab Control Sample Dup	101	91	90	104
MB 460-1046423/10	Method Blank	103	88	94	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(18-137)	(33-117)	(24-120)	(27-120)	(28-118)	(33-124)
460-328983-1	RX-09(0-2)	78	78	80	76	78	72
460-328983-2	RX-09(6-8)	77	73	72	68	72	72
460-328983-2 - DL	RX-09(6-8)	57	55	56	54	56	55
460-328983-3	RX-08(0-2)	64	61	62	56	61	57
460-328983-4	RX-08(6-8)	65	63	63	60	61	61
460-328983-5	RX-03(0-2)	65	65	67	62	68	59
460-328983-5 - DL	RX-03(0-2)	47	51	51	49	50	45
460-328983-6	RX-03(4-6)	82	75	76	72	75	75
460-329017-B-4-A MS	Matrix Spike	73	63	57	56	60	64
460-329017-B-4-B MSD	Matrix Spike Duplicate	67	59	59	56	59	60
LCS 460-1045347/2-A	Lab Control Sample	85	80	82	79	82	77
LCSD 460-1045347/3-A	Lab Control Sample Dup	89	84	82	80	83	81

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(18-137)	(33-117)	(24-120)	(27-120)	(28-118)	(33-124)
MB 460-1045347/1-A	Method Blank	66	64	66	62	65	65

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(14-150)	(14-150)
460-328983-1	RX-09(0-2)	86	87	84	90
460-328983-1 MS	RX-09(0-2)	62	63	73	70
460-328983-1 MSD	RX-09(0-2)	53	53	63	61
460-328983-2	RX-09(6-8)	95	110	91	116
460-328983-3	RX-08(0-2)	67	65	68	76
460-328983-4	RX-08(6-8)	96	112	101	92
460-328983-5	RX-03(0-2)	65	70	70	72
460-328983-6	RX-03(4-6)	81	78	95	76
LCS 460-1045548/2-A	Lab Control Sample	112	104	96	91
LCSD 460-1045548/3-A	Lab Control Sample Dup	112	100	97	90
MB 460-1045548/1-A	Method Blank	130	117	111	112

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(10-150)	(10-150)
460-328983-1	RX-09(0-2)	89	100	79	87
460-328983-1 MS	RX-09(0-2)	130	136	114	117
460-328983-1 MSD	RX-09(0-2)	151 *	167 *	141	146
460-328983-2	RX-09(6-8)	134	120	98	94
460-328983-3	RX-08(0-2)	158 *	170 *	144	151 *
460-328983-4	RX-08(6-8)	159 *	136	121	116
460-328983-5	RX-03(0-2)	109	120	101	106
460-328983-6	RX-03(4-6)	108	118	121	122
LCS 460-1045547/2-A	Lab Control Sample	118	113	88	103
LCSD 460-1045547/3-A	Lab Control Sample Dup	122	119	108	107
MB 460-1045547/1-A	Method Blank	116	116	99	105

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

Surrogate Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328983-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	DCPAA1 (38-150)	DCPAA2 (38-150)										
460-328983-1	RX-09(0-2)	3 *	4 *										
460-328983-1 MS	RX-09(0-2)	3 *	6 *										
460-328983-1 MSD	RX-09(0-2)	4 *	7 *										
460-328983-2	RX-09(6-8)	7 *	4 *										
460-328983-3	RX-08(0-2)	3 *	2 *										
460-328983-4	RX-08(6-8)	4 *	3 *										
460-328983-5	RX-03(0-2)	3 *	4 *										
460-328983-6	RX-03(4-6)	3 *	1 *										
LCS 460-1045480/2-A	Lab Control Sample	113	124										
LCSD 460-1045480/3-A	Lab Control Sample Dup	112	124										
MB 460-1045480/1-A	Method Blank	106	118										

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1045853/7
Matrix: Solid
Analysis Batch: 1045853

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			06/25/25 05:52	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/25/25 05:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/25/25 05:52	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/25/25 05:52	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/25/25 05:52	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/25/25 05:52	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/25/25 05:52	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/25/25 05:52	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			06/25/25 05:52	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/25/25 05:52	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/25/25 05:52	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/25/25 05:52	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/25/25 05:52	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			06/25/25 05:52	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/25/25 05:52	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/25/25 05:52	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/25/25 05:52	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/25/25 05:52	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/25/25 05:52	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/25/25 05:52	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/25/25 05:52	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/25/25 05:52	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/25/25 05:52	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/25/25 05:52	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/25/25 05:52	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/25/25 05:52	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/25/25 05:52	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/25/25 05:52	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/25/25 05:52	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/25/25 05:52	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			06/25/25 05:52	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/25/25 05:52	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/25/25 05:52	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/25/25 05:52	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/25/25 05:52	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/25/25 05:52	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/25/25 05:52	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/25/25 05:52	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/25/25 05:52	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/25/25 05:52	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/25/25 05:52	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/25/25 05:52	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/25/25 05:52	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/25/25 05:52	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/25/25 05:52	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			06/25/25 05:52	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/25/25 05:52	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/25/25 05:52	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1045853/7
Matrix: Solid
Analysis Batch: 1045853

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/25/25 05:52	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			06/25/25 05:52	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/25/25 05:52	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/25/25 05:52	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/25/25 05:52	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/25/25 05:52	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/25/25 05:52	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/25/25 05:52	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/25/25 05:52	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			06/25/25 05:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*80*		*65 - 138*		*06/25/25 05:52*	*1*
4-Bromofluorobenzene	*73*		*71 - 128*		*06/25/25 05:52*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*		*06/25/25 05:52*	*1*
Toluene-d8 (Surr)	*87*		*71 - 126*		*06/25/25 05:52*	*1*

Lab Sample ID: LCS 460-1045853/28
Matrix: Solid
Analysis Batch: 1045853

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0147	*	mg/Kg		74	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0192		mg/Kg		96	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0179		mg/Kg		90	75 - 121
1,1,2-Trichloroethane	0.0200	0.0198		mg/Kg		99	80 - 120
1,1-Dichloroethane	0.0200	0.0179		mg/Kg		90	72 - 120
1,1-Dichloroethene	0.0200	0.0198		mg/Kg		99	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0176		mg/Kg		88	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0169		mg/Kg		85	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0156		mg/Kg		78	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0210		mg/Kg		105	80 - 124
1,2-Dichlorobenzene	0.0200	0.0187		mg/Kg		94	80 - 120
1,2-Dichloroethane	0.0200	0.0168		mg/Kg		84	70 - 123
1,2-Dichloropropane	0.0200	0.0190		mg/Kg		95	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0156		mg/Kg		78	70 - 120
1,3-Dichlorobenzene	0.0200	0.0181		mg/Kg		91	80 - 120
1,4-Dichlorobenzene	0.0200	0.0185		mg/Kg		93	80 - 120
2-Butanone (MEK)	0.100	0.103		mg/Kg		103	64 - 128
2-Hexanone	0.100	0.0971		mg/Kg		97	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0967		mg/Kg		97	80 - 120
Acetone	0.100	0.109		mg/Kg		109	58 - 122
Benzene	0.0200	0.0188		mg/Kg		94	75 - 120
Bromoform	0.0200	0.0240		mg/Kg		120	61 - 125
Bromomethane	0.0200	0.0238		mg/Kg		119	37 - 150
Carbon disulfide	0.0200	0.0183		mg/Kg		92	57 - 133
Carbon tetrachloride	0.0200	0.0153		mg/Kg		77	66 - 127
Chlorobenzene	0.0200	0.0199		mg/Kg		99	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1045853/28
Matrix: Solid
Analysis Batch: 1045853

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0200	0.0216		mg/Kg		108	76 - 127
Chlorodibromomethane	0.0200	0.0221		mg/Kg		111	72 - 120
Chloroethane	0.0200	0.0173		mg/Kg		87	60 - 123
Chloroform	0.0200	0.0180		mg/Kg		90	79 - 126
Chloromethane	0.0200	0.0169		mg/Kg		84	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0198		mg/Kg		99	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0179		mg/Kg		90	75 - 120
Cyclohexane	0.0200	0.0158		mg/Kg		79	65 - 132
Dichlorobromomethane	0.0200	0.0188		mg/Kg		94	77 - 124
Dichlorodifluoromethane	0.0200	0.0171		mg/Kg		86	45 - 129
Ethylbenzene	0.0200	0.0185		mg/Kg		92	80 - 120
Ethylene Dibromide	0.0200	0.0208		mg/Kg		104	79 - 120
Isopropylbenzene	0.0200	0.0181		mg/Kg		91	74 - 120
Methyl acetate	0.0400	0.0428		mg/Kg		107	57 - 120
Methyl tert-butyl ether	0.0200	0.0182		mg/Kg		91	74 - 125
Methylcyclohexane	0.0200	0.0164		mg/Kg		82	66 - 125
Methylene Chloride	0.0200	0.0209		mg/Kg		105	78 - 120
m-Xylene & p-Xylene	0.0200	0.0179		mg/Kg		89	80 - 120
n-Butylbenzene	0.0200	0.0151		mg/Kg		76	72 - 120
N-Propylbenzene	0.0200	0.0166		mg/Kg		83	68 - 120
o-Xylene	0.0200	0.0184		mg/Kg		92	80 - 120
sec-Butylbenzene	0.0200	0.0155		mg/Kg		78	78 - 120
Styrene	0.0200	0.0185		mg/Kg		93	80 - 120
tert-Butylbenzene	0.0200	0.0159	*	mg/Kg		79	80 - 120
Tetrachloroethene	0.0200	0.0183		mg/Kg		92	73 - 120
Toluene	0.0200	0.0179		mg/Kg		90	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0199		mg/Kg		99	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0168		mg/Kg		84	77 - 120
Trichloroethene	0.0200	0.0176		mg/Kg		88	80 - 120
Trichlorofluoromethane	0.0200	0.0179		mg/Kg		90	61 - 130
Vinyl chloride	0.0200	0.0189		mg/Kg		95	54 - 122
Xylenes, Total	0.0400	0.0362		mg/Kg		91	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*65 - 138*
4-Bromofluorobenzene	*81*		*71 - 128*
Dibromofluoromethane (Surr)	*101*		*50 - 150*
Toluene-d8 (Surr)	*97*		*71 - 126*

Lab Sample ID: LCSD 460-1045853/4
Matrix: Solid
Analysis Batch: 1045853

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0175		mg/Kg		87	78 - 120	17	30
1,1,2,2-Tetrachloroethane	0.0200	0.0197		mg/Kg		98	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroetha ne	0.0200	0.0225		mg/Kg		112	75 - 121	23	30
1,1,2-Trichloroethane	0.0200	0.0210		mg/Kg		105	80 - 120	6	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1045853/4
Matrix: Solid
Analysis Batch: 1045853

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane			0.0200	0.0198		mg/Kg		99	72 - 120	10	30
1,1-Dichloroethene			0.0200	0.0226		mg/Kg		113	76 - 120	14	30
1,2,3-Trichlorobenzene			0.0200	0.0189		mg/Kg		94	77 - 137	7	30
1,2,4-Trichlorobenzene			0.0200	0.0176		mg/Kg		88	77 - 136	4	30
1,2,4-Trimethylbenzene			0.0200	0.0168		mg/Kg		84	75 - 120	7	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0212		mg/Kg		106	80 - 124	1	30
1,2-Dichlorobenzene			0.0200	0.0195		mg/Kg		97	80 - 120	4	30
1,2-Dichloroethane			0.0200	0.0174		mg/Kg		87	70 - 123	3	30
1,2-Dichloropropane			0.0200	0.0204		mg/Kg		102	73 - 124	7	30
1,3,5-Trimethylbenzene			0.0200	0.0172		mg/Kg		86	70 - 120	10	30
1,3-Dichlorobenzene			0.0200	0.0190		mg/Kg		95	80 - 120	5	30
1,4-Dichlorobenzene			0.0200	0.0193		mg/Kg		97	80 - 120	4	30
2-Butanone (MEK)			0.100	0.107		mg/Kg		107	64 - 128	4	30
2-Hexanone			0.100	0.0978		mg/Kg		98	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)			0.100	0.103		mg/Kg		103	80 - 120	6	30
Acetone			0.100	0.111		mg/Kg		111	58 - 122	2	30
Benzene			0.0200	0.0201		mg/Kg		101	75 - 120	7	30
Bromoform			0.0200	0.0245		mg/Kg		122	61 - 125	2	30
Bromomethane			0.0200	0.0261		mg/Kg		131	37 - 150	9	30
Carbon disulfide			0.0200	0.0217		mg/Kg		109	57 - 133	17	30
Carbon tetrachloride			0.0200	0.0184		mg/Kg		92	66 - 127	18	30
Chlorobenzene			0.0200	0.0211		mg/Kg		106	80 - 120	6	30
Chlorobromomethane			0.0200	0.0233		mg/Kg		117	76 - 127	8	30
Chlorodibromomethane			0.0200	0.0225		mg/Kg		113	72 - 120	2	30
Chloroethane			0.0200	0.0198		mg/Kg		99	60 - 123	13	30
Chloroform			0.0200	0.0193		mg/Kg		97	79 - 126	7	30
Chloromethane			0.0200	0.0193		mg/Kg		97	46 - 122	13	30
cis-1,2-Dichloroethene			0.0200	0.0213		mg/Kg		107	80 - 123	7	30
cis-1,3-Dichloropropene			0.0200	0.0185		mg/Kg		93	75 - 120	3	30
Cyclohexane			0.0200	0.0192		mg/Kg		96	65 - 132	19	30
Dichlorobromomethane			0.0200	0.0202		mg/Kg		101	77 - 124	7	30
Dichlorodifluoromethane			0.0200	0.0200		mg/Kg		100	45 - 129	16	30
Ethylbenzene			0.0200	0.0200		mg/Kg		100	80 - 120	8	30
Ethylene Dibromide			0.0200	0.0208		mg/Kg		104	79 - 120	0	30
Isopropylbenzene			0.0200	0.0203		mg/Kg		102	74 - 120	12	30
Methyl acetate			0.0400	0.0470		mg/Kg		117	57 - 120	9	30
Methyl tert-butyl ether			0.0200	0.0189		mg/Kg		95	74 - 125	4	30
Methylcyclohexane			0.0200	0.0200		mg/Kg		100	66 - 125	20	30
Methylene Chloride			0.0200	0.0226		mg/Kg		113	78 - 120	8	30
m-Xylene & p-Xylene			0.0200	0.0194		mg/Kg		97	80 - 120	8	30
n-Butylbenzene			0.0200	0.0167		mg/Kg		83	72 - 120	10	30
N-Propylbenzene			0.0200	0.0186		mg/Kg		93	68 - 120	12	30
o-Xylene			0.0200	0.0201		mg/Kg		101	80 - 120	9	30
sec-Butylbenzene			0.0200	0.0176		mg/Kg		88	78 - 120	12	30
Styrene			0.0200	0.0195		mg/Kg		97	80 - 120	5	30
tert-Butylbenzene			0.0200	0.0176		mg/Kg		88	80 - 120	10	30
Tetrachloroethene			0.0200	0.0209		mg/Kg		104	73 - 120	13	30
Toluene			0.0200	0.0192		mg/Kg		96	80 - 120	7	30
trans-1,2-Dichloroethene			0.0200	0.0221		mg/Kg		110	78 - 120	10	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1045853/4
Matrix: Solid
Analysis Batch: 1045853

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			0.0200	0.0175		mg/Kg		88	77 - 120	4	30
Trichloroethene			0.0200	0.0192		mg/Kg		96	80 - 120	9	30
Trichlorofluoromethane			0.0200	0.0206		mg/Kg		103	61 - 130	14	30
Vinyl chloride			0.0200	0.0217		mg/Kg		108	54 - 122	13	30
Xylenes, Total			0.0400	0.0395		mg/Kg		99	80 - 120	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*
4-Bromofluorobenzene	*85*		*71 - 128*
Dibromofluoromethane (Surr)	*106*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: MB 460-1046423/10
Matrix: Water
Analysis Batch: 1046423

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			06/27/25 09:05	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			06/27/25 09:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			06/27/25 09:05	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			06/27/25 09:05	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			06/27/25 09:05	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/27/25 09:05	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			06/27/25 09:05	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			06/27/25 09:05	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			06/27/25 09:05	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			06/27/25 09:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			06/27/25 09:05	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			06/27/25 09:05	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			06/27/25 09:05	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			06/27/25 09:05	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			06/27/25 09:05	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			06/27/25 09:05	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			06/27/25 09:05	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			06/27/25 09:05	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			06/27/25 09:05	1
Acetone	5.0	U	5.0	4.4	ug/L			06/27/25 09:05	1
Benzene	0.45	U	0.45	0.070	ug/L			06/27/25 09:05	1
Bromoform	1.0	U	1.0	0.54	ug/L			06/27/25 09:05	1
Bromomethane	1.0	U	1.0	0.55	ug/L			06/27/25 09:05	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			06/27/25 09:05	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			06/27/25 09:05	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			06/27/25 09:05	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			06/27/25 09:05	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			06/27/25 09:05	1
Chloroethane	1.0	U	1.0	0.32	ug/L			06/27/25 09:05	1
Chloroform	1.0	U	1.0	0.33	ug/L			06/27/25 09:05	1
Chloromethane	1.0	U	1.0	0.40	ug/L			06/27/25 09:05	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1046423/10
Matrix: Water
Analysis Batch: 1046423

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			06/27/25 09:05	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			06/27/25 09:05	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			06/27/25 09:05	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			06/27/25 09:05	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/27/25 09:05	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			06/27/25 09:05	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			06/27/25 09:05	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			06/27/25 09:05	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			06/27/25 09:05	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			06/27/25 09:05	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			06/27/25 09:05	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			06/27/25 09:05	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			06/27/25 09:05	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			06/27/25 09:05	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			06/27/25 09:05	1
o-Xylene	1.0	U	1.0	0.36	ug/L			06/27/25 09:05	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			06/27/25 09:05	1
Styrene	1.0	U	1.0	0.42	ug/L			06/27/25 09:05	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			06/27/25 09:05	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			06/27/25 09:05	1
Toluene	1.0	U	1.0	0.38	ug/L			06/27/25 09:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/27/25 09:05	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			06/27/25 09:05	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			06/27/25 09:05	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			06/27/25 09:05	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			06/27/25 09:05	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			06/27/25 09:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 128*		*06/27/25 09:05*	*1*
4-Bromofluorobenzene	*88*		*76 - 120*		*06/27/25 09:05*	*1*
Dibromofluoromethane (Surr)	*94*		*77 - 132*		*06/27/25 09:05*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*06/27/25 09:05*	*1*

Lab Sample ID: LCS 460-1046423/5
Matrix: Water
Analysis Batch: 1046423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	22.1		ug/L		110	72 - 128
1,1,2,2-Tetrachloroethane	20.0	20.8		ug/L		104	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.1		ug/L		110	65 - 142
1,1,2-Trichloroethane	20.0	20.6		ug/L		103	74 - 125
1,1-Dichloroethane	20.0	25.1		ug/L		126	73 - 130
1,1-Dichloroethene	20.0	22.1		ug/L		111	68 - 133
1,2,3-Trichlorobenzene	20.0	16.5		ug/L		83	55 - 150
1,2,4-Trichlorobenzene	20.0	18.0		ug/L		90	67 - 132
1,2,4-Trimethylbenzene	20.0	23.8		ug/L		119	75 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1046423/5
Matrix: Water
Analysis Batch: 1046423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	20.0	13.7		ug/L		69	58 - 132
1,2-Dichlorobenzene	20.0	21.7		ug/L		108	80 - 120
1,2-Dichloroethane	20.0	22.7		ug/L		114	66 - 129
1,2-Dichloropropane	20.0	22.4		ug/L		112	72 - 128
1,3,5-Trimethylbenzene	20.0	23.5		ug/L		117	75 - 125
1,3-Dichlorobenzene	20.0	23.1		ug/L		115	80 - 120
1,4-Dichlorobenzene	20.0	22.0		ug/L		110	80 - 120
2-Butanone (MEK)	100	79.3		ug/L		79	65 - 142
2-Hexanone	100	111		ug/L		111	72 - 134
4-Methyl-2-pentanone (MIBK)	100	116		ug/L		116	77 - 130
Acetone	100	124		ug/L		124	60 - 133
Benzene	20.0	25.0		ug/L		125	71 - 126
Bromoform	20.0	18.8		ug/L		94	58 - 128
Bromomethane	20.0	19.2		ug/L		96	33 - 150
Carbon disulfide	20.0	23.8		ug/L		119	35 - 150
Carbon tetrachloride	20.0	21.7		ug/L		108	65 - 131
Chlorobenzene	20.0	21.8		ug/L		109	80 - 120
Chlorobromomethane	20.0	17.2		ug/L		86	71 - 134
Chlorodibromomethane	20.0	19.8		ug/L		99	73 - 121
Chloroethane	20.0	22.0		ug/L		110	54 - 150
Chloroform	20.0	22.4		ug/L		112	78 - 125
Chloromethane	20.0	22.7		ug/L		114	43 - 149
cis-1,2-Dichloroethene	20.0	20.0		ug/L		100	78 - 121
cis-1,3-Dichloropropene	20.0	21.3		ug/L		107	74 - 125
Cyclohexane	20.0	23.0		ug/L		115	64 - 142
Dichlorobromomethane	20.0	21.5		ug/L		108	76 - 121
Dichlorodifluoromethane	20.0	11.5		ug/L		58	38 - 144
Ethylbenzene	20.0	22.3		ug/L		112	78 - 120
Ethylene Dibromide	20.0	18.4		ug/L		92	79 - 126
Isopropylbenzene	20.0	22.4		ug/L		112	79 - 125
Methyl acetate	40.0	63.7	*	ug/L		159	50 - 147
Methyl tert-butyl ether	20.0	17.6		ug/L		88	72 - 131
Methylcyclohexane	20.0	22.4		ug/L		112	63 - 138
Methylene Chloride	20.0	21.1		ug/L		106	74 - 127
m-Xylene & p-Xylene	20.0	21.3		ug/L		106	78 - 120
n-Butylbenzene	20.0	25.3		ug/L		127	69 - 135
N-Propylbenzene	20.0	25.9		ug/L		129	68 - 129
o-Xylene	20.0	21.1		ug/L		105	78 - 120
sec-Butylbenzene	20.0	24.1		ug/L		121	77 - 129
Styrene	20.0	21.7		ug/L		108	82 - 127
tert-Butylbenzene	20.0	22.1		ug/L		111	78 - 120
Tetrachloroethene	20.0	20.0		ug/L		100	70 - 127
Toluene	20.0	22.9		ug/L		114	78 - 120
trans-1,2-Dichloroethene	20.0	20.7		ug/L		103	70 - 126
trans-1,3-Dichloropropene	20.0	20.6		ug/L		103	71 - 127
Trichloroethene	20.0	21.3		ug/L		107	73 - 121
Trichlorofluoromethane	20.0	20.4		ug/L		102	62 - 134
Vinyl chloride	20.0	19.8		ug/L		99	55 - 144
Xylenes, Total	40.0	42.3		ug/L		106	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 128
4-Bromofluorobenzene	93		76 - 120
Dibromofluoromethane (Surr)	91		77 - 132
Toluene-d8 (Surr)	103		80 - 120

Lab Sample ID: LCSD 460-1046423/6
Matrix: Water
Analysis Batch: 1046423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	18.8		ug/L		94	72 - 128	16	30
1,1,2,2-Tetrachloroethane			20.0	18.0		ug/L		90	63 - 139	15	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	19.8		ug/L		99	65 - 142	11	30
1,1,2-Trichloroethane			20.0	18.0		ug/L		90	74 - 125	13	30
1,1-Dichloroethane			20.0	22.0		ug/L		110	73 - 130	14	30
1,1-Dichloroethene			20.0	19.1		ug/L		95	68 - 133	15	30
1,2,3-Trichlorobenzene			20.0	15.2		ug/L		76	55 - 150	8	30
1,2,4-Trichlorobenzene			20.0	16.7		ug/L		83	67 - 132	7	30
1,2,4-Trimethylbenzene			20.0	21.8		ug/L		109	75 - 125	9	30
1,2-Dibromo-3-Chloropropane			20.0	12.6		ug/L		63	58 - 132	8	30
1,2-Dichlorobenzene			20.0	19.9		ug/L		99	80 - 120	9	30
1,2-Dichloroethane			20.0	19.4		ug/L		97	66 - 129	16	30
1,2-Dichloropropane			20.0	19.3		ug/L		97	72 - 128	15	30
1,3,5-Trimethylbenzene			20.0	21.8		ug/L		109	75 - 125	7	30
1,3-Dichlorobenzene			20.0	21.3		ug/L		107	80 - 120	8	30
1,4-Dichlorobenzene			20.0	20.5		ug/L		102	80 - 120	7	30
2-Butanone (MEK)			100	72.2		ug/L		72	65 - 142	9	30
2-Hexanone			100	91.0		ug/L		91	72 - 134	20	30
4-Methyl-2-pentanone (MIBK)			100	96.9		ug/L		97	77 - 130	18	30
Acetone			100	114		ug/L		114	60 - 133	8	30
Benzene			20.0	22.4		ug/L		112	71 - 126	11	30
Bromoform			20.0	15.8		ug/L		79	58 - 128	18	30
Bromomethane			20.0	18.4		ug/L		92	33 - 150	5	30
Carbon disulfide			20.0	20.9		ug/L		104	35 - 150	13	30
Carbon tetrachloride			20.0	19.1		ug/L		96	65 - 131	13	30
Chlorobenzene			20.0	18.8		ug/L		94	80 - 120	15	30
Chlorobromomethane			20.0	14.9		ug/L		74	71 - 134	15	30
Chlorodibromomethane			20.0	17.1		ug/L		86	73 - 121	15	30
Chloroethane			20.0	20.8		ug/L		104	54 - 150	5	30
Chloroform			20.0	19.5		ug/L		98	78 - 125	14	30
Chloromethane			20.0	21.1		ug/L		106	43 - 149	7	30
cis-1,2-Dichloroethene			20.0	17.9		ug/L		89	78 - 121	11	30
cis-1,3-Dichloropropene			20.0	19.0		ug/L		95	74 - 125	12	30
Cyclohexane			20.0	20.2		ug/L		101	64 - 142	13	30
Dichlorobromomethane			20.0	18.5		ug/L		93	76 - 121	15	30
Dichlorodifluoromethane			20.0	10.3		ug/L		52	38 - 144	11	30
Ethylbenzene			20.0	19.7		ug/L		99	78 - 120	12	30
Ethylene Dibromide			20.0	14.9	*	ug/L		75	79 - 126	21	30
Isopropylbenzene			20.0	19.3		ug/L		97	79 - 125	15	30
Methyl acetate			40.0	60.0	*	ug/L		150	50 - 147	6	30
Methyl tert-butyl ether			20.0	14.5		ug/L		72	72 - 131	19	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1046423/6
Matrix: Water
Analysis Batch: 1046423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylcyclohexane			20.0	19.7		ug/L		99	63 - 138	13	30
Methylene Chloride			20.0	18.8		ug/L		94	74 - 127	12	30
m-Xylene & p-Xylene			20.0	18.2		ug/L		91	78 - 120	15	30
n-Butylbenzene			20.0	24.0		ug/L		120	69 - 135	5	30
N-Propylbenzene			20.0	23.3		ug/L		116	68 - 129	10	30
o-Xylene			20.0	18.5		ug/L		93	78 - 120	13	30
sec-Butylbenzene			20.0	22.0		ug/L		110	77 - 129	9	30
Styrene			20.0	17.4		ug/L		87	82 - 127	22	30
tert-Butylbenzene			20.0	19.8		ug/L		99	78 - 120	11	30
Tetrachloroethene			20.0	17.5		ug/L		88	70 - 127	13	30
Toluene			20.0	20.4		ug/L		102	78 - 120	11	30
trans-1,2-Dichloroethene			20.0	18.7		ug/L		94	70 - 126	10	30
trans-1,3-Dichloropropene			20.0	17.6		ug/L		88	71 - 127	16	30
Trichloroethene			20.0	17.8		ug/L		89	73 - 121	18	30
Trichlorofluoromethane			20.0	19.6		ug/L		98	62 - 134	4	30
Vinyl chloride			20.0	18.9		ug/L		94	55 - 144	5	30
Xylenes, Total			40.0	36.8		ug/L		92	80 - 120	14	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 128*
4-Bromofluorobenzene	*91*		*76 - 120*
Dibromofluoromethane (Surr)	*90*		*77 - 132*
Toluene-d8 (Surr)	*104*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1045347/1-A
Matrix: Solid
Analysis Batch: 1045395

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045347

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		06/22/25 06:35	06/22/25 13:24	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1045347/1-A
Matrix: Solid
Analysis Batch: 1045395

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045347

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		06/22/25 06:35	06/22/25 13:24	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1045347/1-A
Matrix: Solid
Analysis Batch: 1045395

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045347

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.33	U	0.33	0.012	mg/Kg		06/22/25 06:35	06/22/25 13:24	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		06/22/25 06:35	06/22/25 13:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 137*	*06/22/25 06:35*	*06/22/25 13:24*	*1*
2-Fluorobiphenyl	*64*		*33 - 117*	*06/22/25 06:35*	*06/22/25 13:24*	*1*
2-Fluorophenol (Surr)	*66*		*24 - 120*	*06/22/25 06:35*	*06/22/25 13:24*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*06/22/25 06:35*	*06/22/25 13:24*	*1*
Phenol-d5 (Surr)	*65*		*28 - 118*	*06/22/25 06:35*	*06/22/25 13:24*	*1*
Terphenyl-d14 (Surr)	*65*		*33 - 124*	*06/22/25 06:35*	*06/22/25 13:24*	*1*

Lab Sample ID: LCS 460-1045347/2-A
Matrix: Solid
Analysis Batch: 1045395

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045347

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.86		mg/Kg		86	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.80		mg/Kg		84	60 - 120
1,4-Dioxane	3.33	2.12		mg/Kg		64	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.83		mg/Kg		85	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	3.14		mg/Kg		94	62 - 120
2,4,5-Trichlorophenol	3.33	2.96		mg/Kg		89	64 - 120
2,4,6-Trichlorophenol	3.33	3.11		mg/Kg		93	65 - 120
2,4-Dichlorophenol	3.33	3.01		mg/Kg		90	66 - 120
2,4-Dimethylphenol	3.33	2.92		mg/Kg		88	75 - 136
2,4-Dinitrophenol	6.67	5.94		mg/Kg		89	41 - 120
2,4-Dinitrotoluene	3.33	3.12		mg/Kg		94	65 - 124
2,6-Dinitrotoluene	3.33	3.10		mg/Kg		93	67 - 121
2-Chloronaphthalene	3.33	2.85		mg/Kg		85	64 - 120
2-Chlorophenol	3.33	2.92		mg/Kg		87	63 - 120
2-Methylnaphthalene	3.33	2.86		mg/Kg		86	56 - 102
2-Methylphenol	3.33	2.97		mg/Kg		89	63 - 120
2-Nitroaniline	3.33	2.97		mg/Kg		89	52 - 120
2-Nitrophenol	3.33	2.83		mg/Kg		85	64 - 120
3 & 4 Methylphenol	3.33	3.02		mg/Kg		90	61 - 120
3,3'-Dichlorobenzidine	3.33	2.47		mg/Kg		74	10 - 106
3-Nitroaniline	3.33	2.58		mg/Kg		77	18 - 105
4,6-Dinitro-2-methylphenol	6.67	6.54		mg/Kg		98	61 - 127
4-Bromophenyl phenyl ether	3.33	3.11		mg/Kg		93	64 - 120
4-Chloro-3-methylphenol	3.33	3.07		mg/Kg		92	68 - 120
4-Chloroaniline	3.33	2.20		mg/Kg		66	10 - 107
4-Chlorophenyl phenyl ether	3.33	3.01		mg/Kg		90	62 - 120
4-Methylphenol	3.33	3.02		mg/Kg		90	61 - 120
4-Nitroaniline	3.33	3.12		mg/Kg		94	51 - 112
4-Nitrophenol	6.67	6.36		mg/Kg		95	52 - 122
Acenaphthene	3.33	2.93		mg/Kg		88	65 - 120
Acenaphthylene	3.33	2.91		mg/Kg		87	68 - 120
Acetophenone	3.33	2.88		mg/Kg		86	61 - 111

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1045347/2-A
Matrix: Solid
Analysis Batch: 1045395

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045347

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	3.33	3.24		mg/Kg		97	67 - 120
Atrazine	1.33	2.50	*	mg/Kg		188	52 - 150
Benzaldehyde	1.33	2.15	*	mg/Kg		161	45 - 150
Benzo[a]anthracene	3.33	3.02		mg/Kg		90	66 - 120
Benzo[a]pyrene	3.33	3.30		mg/Kg		99	69 - 123
Benzo[b]fluoranthene	3.33	3.32		mg/Kg		100	66 - 125
Benzo[g,h,i]perylene	3.33	3.22		mg/Kg		97	66 - 138
Benzo[k]fluoranthene	3.33	3.20		mg/Kg		96	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.84		mg/Kg		85	62 - 120
Bis(2-chloroethyl)ether	3.33	2.83		mg/Kg		85	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	3.01		mg/Kg		90	64 - 125
Butyl benzyl phthalate	3.33	3.02		mg/Kg		91	62 - 127
Caprolactam	1.33	2.36	*	mg/Kg		177	46 - 150
Carbazole	3.33	3.24		mg/Kg		97	64 - 120
Chrysene	3.33	3.02		mg/Kg		90	67 - 120
Dibenz(a,h)anthracene	3.33	3.36		mg/Kg		101	66 - 128
Dibenzofuran	3.33	2.97		mg/Kg		89	61 - 120
Diethyl phthalate	3.33	3.06		mg/Kg		92	63 - 120
Dimethyl phthalate	3.33	3.03		mg/Kg		91	65 - 120
Di-n-butyl phthalate	3.33	3.25		mg/Kg		98	61 - 120
Di-n-octyl phthalate	3.33	3.13		mg/Kg		94	61 - 123
Fluoranthene	3.33	3.23		mg/Kg		97	61 - 120
Fluorene	3.33	2.98		mg/Kg		89	64 - 120
Hexachlorobenzene	3.33	3.17		mg/Kg		95	66 - 120
Hexachlorobutadiene	3.33	2.75		mg/Kg		82	62 - 120
Hexachlorocyclopentadiene	3.33	1.82		mg/Kg		54	32 - 150
Hexachloroethane	3.33	2.76		mg/Kg		83	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	3.09		mg/Kg		93	63 - 137
Isophorone	3.33	2.81		mg/Kg		84	61 - 120
Naphthalene	3.33	2.77		mg/Kg		83	63 - 113
Nitrobenzene	3.33	2.88		mg/Kg		86	63 - 120
N-Nitrosodi-n-propylamine	3.33	2.87		mg/Kg		86	60 - 120
N-Nitrosodiphenylamine	3.33	3.17		mg/Kg		95	63 - 120
Pentachlorophenol	6.67	6.67		mg/Kg		100	61 - 126
Phenanthrene	3.33	3.17		mg/Kg		95	66 - 120
Phenol	3.33	2.96		mg/Kg		89	63 - 120
Pyrene	3.33	3.04		mg/Kg		91	61 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*85*		*18 - 137*
2-Fluorobiphenyl	*80*		*33 - 117*
2-Fluorophenol (Surr)	*82*		*24 - 120*
Nitrobenzene-d5 (Surr)	*79*		*27 - 120*
Phenol-d5 (Surr)	*82*		*28 - 118*
Terphenyl-d14 (Surr)	*77*		*33 - 124*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1045347/3-A
Matrix: Solid
Analysis Batch: 1045395

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1045347

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	3.04		mg/Kg		91	64 - 120	6	30
1,2,4,5-Tetrachlorobenzene			3.33	2.97		mg/Kg		89	60 - 120	6	30
1,4-Dioxane			3.33	2.12		mg/Kg		64	31 - 105	0	30
2,2'-oxybis[1-chloropropane]			3.33	2.96		mg/Kg		89	50 - 126	5	30
2,3,4,6-Tetrachlorophenol			3.33	3.34		mg/Kg		100	62 - 120	6	30
2,4,5-Trichlorophenol			3.33	3.23		mg/Kg		97	64 - 120	9	30
2,4,6-Trichlorophenol			3.33	3.29		mg/Kg		99	65 - 120	6	30
2,4-Dichlorophenol			3.33	3.19		mg/Kg		96	66 - 120	6	30
2,4-Dimethylphenol			3.33	3.11		mg/Kg		93	75 - 136	6	30
2,4-Dinitrophenol			6.67	6.81		mg/Kg		102	41 - 120	14	30
2,4-Dinitrotoluene			3.33	3.35		mg/Kg		101	65 - 124	7	30
2,6-Dinitrotoluene			3.33	3.30		mg/Kg		99	67 - 121	7	30
2-Chloronaphthalene			3.33	3.06		mg/Kg		92	64 - 120	7	30
2-Chlorophenol			3.33	3.03		mg/Kg		91	63 - 120	4	30
2-Methylnaphthalene			3.33	3.03		mg/Kg		91	56 - 102	6	30
2-Methylphenol			3.33	3.14		mg/Kg		94	63 - 120	6	30
2-Nitroaniline			3.33	3.24		mg/Kg		97	52 - 120	9	30
2-Nitrophenol			3.33	2.98		mg/Kg		90	64 - 120	5	30
3 & 4 Methylphenol			3.33	3.16		mg/Kg		95	61 - 120	5	30
3,3'-Dichlorobenzidine			3.33	2.49		mg/Kg		75	10 - 106	1	30
3-Nitroaniline			3.33	2.61		mg/Kg		78	18 - 105	1	30
4,6-Dinitro-2-methylphenol			6.67	7.11		mg/Kg		107	61 - 127	8	30
4-Bromophenyl phenyl ether			3.33	3.31		mg/Kg		99	64 - 120	6	30
4-Chloro-3-methylphenol			3.33	3.24		mg/Kg		97	68 - 120	5	30
4-Chloroaniline			3.33	2.08		mg/Kg		62	10 - 107	5	30
4-Chlorophenyl phenyl ether			3.33	3.21		mg/Kg		96	62 - 120	7	30
4-Methylphenol			3.33	3.16		mg/Kg		95	61 - 120	5	30
4-Nitroaniline			3.33	3.31		mg/Kg		99	51 - 112	6	30
4-Nitrophenol			6.67	6.85		mg/Kg		103	52 - 122	7	30
Acenaphthene			3.33	3.08		mg/Kg		92	65 - 120	5	30
Acenaphthylene			3.33	3.12		mg/Kg		94	68 - 120	7	30
Acetophenone			3.33	2.99		mg/Kg		90	61 - 111	4	30
Anthracene			3.33	3.38		mg/Kg		101	67 - 120	4	30
Atrazine			1.33	2.53	*	mg/Kg		190	52 - 150	1	30
Benzaldehyde			1.33	2.00		mg/Kg		150	45 - 150	7	30
Benzo[a]anthracene			3.33	3.22		mg/Kg		96	66 - 120	6	30
Benzo[a]pyrene			3.33	3.55		mg/Kg		106	69 - 123	7	30
Benzo[b]fluoranthene			3.33	3.60		mg/Kg		108	66 - 125	8	30
Benzo[g,h,i]perylene			3.33	3.47		mg/Kg		104	66 - 138	8	30
Benzo[k]fluoranthene			3.33	3.41		mg/Kg		102	67 - 122	6	30
Bis(2-chloroethoxy)methane			3.33	3.02		mg/Kg		91	62 - 120	6	30
Bis(2-chloroethyl)ether			3.33	2.92		mg/Kg		88	60 - 120	3	30
Bis(2-ethylhexyl) phthalate			3.33	3.19		mg/Kg		96	64 - 125	6	30
Butyl benzyl phthalate			3.33	3.22		mg/Kg		97	62 - 127	6	30
Caprolactam			1.33	2.29	*	mg/Kg		172	46 - 150	3	30
Carbazole			3.33	3.45		mg/Kg		104	64 - 120	6	30
Chrysene			3.33	3.20		mg/Kg		96	67 - 120	6	30
Dibenz(a,h)anthracene			3.33	3.68		mg/Kg		111	66 - 128	9	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1045347/3-A
Matrix: Solid
Analysis Batch: 1045395

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1045347

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dibenzofuran			3.33	3.15		mg/Kg		95	61 - 120	6	30
Diethyl phthalate			3.33	3.28		mg/Kg		98	63 - 120	7	30
Dimethyl phthalate			3.33	3.26		mg/Kg		98	65 - 120	7	30
Di-n-butyl phthalate			3.33	3.48		mg/Kg		105	61 - 120	7	30
Di-n-octyl phthalate			3.33	3.39		mg/Kg		102	61 - 123	8	30
Fluoranthene			3.33	3.44		mg/Kg		103	61 - 120	6	30
Fluorene			3.33	3.23		mg/Kg		97	64 - 120	8	30
Hexachlorobenzene			3.33	3.39		mg/Kg		102	66 - 120	7	30
Hexachlorobutadiene			3.33	2.85		mg/Kg		85	62 - 120	4	30
Hexachlorocyclopentadiene			3.33	1.94		mg/Kg		58	32 - 150	7	30
Hexachloroethane			3.33	2.78		mg/Kg		83	61 - 112	1	30
Indeno[1,2,3-cd]pyrene			3.33	3.33		mg/Kg		100	63 - 137	8	30
Isophorone			3.33	2.94		mg/Kg		88	61 - 120	4	30
Naphthalene			3.33	2.90		mg/Kg		87	63 - 113	5	30
Nitrobenzene			3.33	3.06		mg/Kg		92	63 - 120	6	30
N-Nitrosodi-n-propylamine			3.33	3.06		mg/Kg		92	60 - 120	7	30
N-Nitrosodiphenylamine			3.33	3.36		mg/Kg		101	63 - 120	6	30
Pentachlorophenol			6.67	7.03		mg/Kg		105	61 - 126	5	30
Phenanthrene			3.33	3.36		mg/Kg		101	66 - 120	6	30
Phenol			3.33	3.05		mg/Kg		91	63 - 120	3	30
Pyrene			3.33	3.16		mg/Kg		95	61 - 121	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*89*		*18 - 137*
2-Fluorobiphenyl	*84*		*33 - 117*
2-Fluorophenol (Surr)	*82*		*24 - 120*
Nitrobenzene-d5 (Surr)	*80*		*27 - 120*
Phenol-d5 (Surr)	*83*		*28 - 118*
Terphenyl-d14 (Surr)	*81*		*33 - 124*

Lab Sample ID: 460-329017-B-4-A MS
Matrix: Solid
Analysis Batch: 1045395

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1045347

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.34	U	3.49	2.38		mg/Kg	☼	68	64 - 120
1,2,4,5-Tetrachlorobenzene	0.34	U	3.49	2.36		mg/Kg	☼	68	60 - 120
1,4-Dioxane	0.034	U	3.49	1.49		mg/Kg	☼	43	31 - 105
2,2'-oxybis[1-chloropropane]	0.34	U	3.49	2.14		mg/Kg	☼	61	50 - 126
2,3,4,6-Tetrachlorophenol	0.34	U	3.49	2.78		mg/Kg	☼	80	62 - 120
2,4,5-Trichlorophenol	0.34	U	3.49	2.60		mg/Kg	☼	75	64 - 120
2,4,6-Trichlorophenol	0.14	U	3.49	2.62		mg/Kg	☼	75	65 - 120
2,4-Dichlorophenol	0.14	U	3.49	2.51		mg/Kg	☼	72	66 - 120
2,4-Dimethylphenol	0.34	U	3.49	2.43	*	mg/Kg	☼	70	75 - 136
2,4-Dinitrophenol	0.28	U	6.98	3.67		mg/Kg	☼	53	41 - 120
2,4-Dinitrotoluene	0.070	U	3.49	2.73		mg/Kg	☼	78	65 - 124
2,6-Dinitrotoluene	0.070	U	3.49	2.70		mg/Kg	☼	77	67 - 121
2-Chloronaphthalene	0.34	U	3.49	2.37		mg/Kg	☼	68	64 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-329017-B-4-A MS
Matrix: Solid
Analysis Batch: 1045395

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1045347

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorophenol	0.34	U	3.49	2.24		mg/Kg	☼	64	63 - 120
2-Methylnaphthalene	0.34	U	3.49	2.35		mg/Kg	☼	67	56 - 102
2-Methylphenol	0.34	U	3.49	2.37		mg/Kg	☼	68	63 - 120
2-Nitroaniline	0.34	U	3.49	2.64		mg/Kg	☼	76	52 - 120
2-Nitrophenol	0.34	U	3.49	2.17	*	mg/Kg	☼	62	64 - 120
3 & 4 Methylphenol	0.34	U	3.49	2.41		mg/Kg	☼	69	61 - 120
3,3'-Dichlorobenzidine	0.14	U	3.49	2.52		mg/Kg	☼	72	10 - 106
3-Nitroaniline	0.34	U	3.49	2.52		mg/Kg	☼	72	18 - 105
4,6-Dinitro-2-methylphenol	0.28	U	6.98	4.19	*	mg/Kg	☼	60	61 - 127
4-Bromophenyl phenyl ether	0.34	U	3.49	2.71		mg/Kg	☼	78	64 - 120
4-Chloro-3-methylphenol	0.34	U	3.49	2.64		mg/Kg	☼	76	68 - 120
4-Chloroaniline	0.34	U	3.49	2.12		mg/Kg	☼	61	10 - 107
4-Chlorophenyl phenyl ether	0.34	U	3.49	2.62		mg/Kg	☼	75	62 - 120
4-Methylphenol	0.34	U	3.49	2.41		mg/Kg	☼	69	61 - 120
4-Nitroaniline	0.34	U	3.49	2.60		mg/Kg	☼	74	51 - 112
4-Nitrophenol	0.70	U	6.98	5.62		mg/Kg	☼	80	52 - 122
Acenaphthene	0.34	U	3.49	2.49		mg/Kg	☼	71	65 - 120
Acenaphthylene	0.34	U	3.49	2.46		mg/Kg	☼	71	68 - 120
Acetophenone	0.34	U	3.49	2.17		mg/Kg	☼	62	61 - 111
Anthracene	0.34	U	3.49	2.74		mg/Kg	☼	78	67 - 120
Atrazine	0.14	U *	1.40	2.45	E *	mg/Kg	☼	175	52 - 150
Benzaldehyde	0.34	U *	1.40	1.68	E	mg/Kg	☼	120	45 - 150
Benzo[a]anthracene	0.034	U	3.49	2.61		mg/Kg	☼	75	66 - 120
Benzo[a]pyrene	0.012	J	3.49	2.91		mg/Kg	☼	83	69 - 123
Benzo[b]fluoranthene	0.018	J	3.49	2.85		mg/Kg	☼	81	66 - 125
Benzo[g,h,i]perylene	0.34	U	3.49	2.44		mg/Kg	☼	70	66 - 138
Benzo[k]fluoranthene	0.0093	J	3.49	2.80		mg/Kg	☼	80	67 - 122
Bis(2-chloroethoxy)methane	0.34	U	3.49	2.24		mg/Kg	☼	64	62 - 120
Bis(2-chloroethyl)ether	0.034	U	3.49	2.10		mg/Kg	☼	60	60 - 120
Bis(2-ethylhexyl) phthalate	0.34	U	3.49	2.64		mg/Kg	☼	76	64 - 125
Butyl benzyl phthalate	0.34	U	3.49	2.65		mg/Kg	☼	76	62 - 127
Caprolactam	0.34	U *	1.40	2.20	*	mg/Kg	☼	158	46 - 150
Carbazole	0.34	U	3.49	2.77		mg/Kg	☼	79	64 - 120
Chrysene	0.024	J	3.49	2.65		mg/Kg	☼	75	67 - 120
Dibenz(a,h)anthracene	0.034	U	3.49	2.76		mg/Kg	☼	79	66 - 128
Dibenzofuran	0.34	U	3.49	2.54		mg/Kg	☼	73	61 - 120
Diethyl phthalate	0.34	U	3.49	2.63		mg/Kg	☼	75	63 - 120
Dimethyl phthalate	0.34	U	3.49	2.58		mg/Kg	☼	74	65 - 120
Di-n-butyl phthalate	0.34	U	3.49	2.83		mg/Kg	☼	81	61 - 120
Di-n-octyl phthalate	0.34	U	3.49	2.82		mg/Kg	☼	81	61 - 123
Fluoranthene	0.031	J	3.49	2.80		mg/Kg	☼	79	61 - 120
Fluorene	0.34	U	3.49	2.59		mg/Kg	☼	74	64 - 120
Hexachlorobenzene	0.034	U	3.49	2.74		mg/Kg	☼	79	66 - 120
Hexachlorobutadiene	0.070	U	3.49	2.14	*	mg/Kg	☼	61	62 - 120
Hexachlorocyclopentadiene	0.34	U	3.49	0.499	*	mg/Kg	☼	14	32 - 150
Hexachloroethane	0.034	U	3.49	1.85	*	mg/Kg	☼	53	61 - 112
Indeno[1,2,3-cd]pyrene	0.034	U	3.49	2.47		mg/Kg	☼	71	63 - 137
Isophorone	0.14	U	3.49	2.27		mg/Kg	☼	65	61 - 120
Naphthalene	0.34	U	3.49	2.18		mg/Kg	☼	63	63 - 113

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-329017-B-4-A MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1045395 — **Prep Batch: 1045347**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrobenzene	0.034	U	3.49	2.23		mg/Kg	☼	64	63 - 120
N-Nitrosodi-n-propylamine	0.034	U	3.49	2.22		mg/Kg	☼	64	60 - 120
N-Nitrosodiphenylamine	0.34	U	3.49	2.76		mg/Kg	☼	79	63 - 120
Pentachlorophenol	0.28	U	6.98	5.89		mg/Kg	☼	84	61 - 126
Phenanthrene	0.040	J	3.49	2.75		mg/Kg	☼	78	66 - 120
Phenol	0.34	U	3.49	2.29		mg/Kg	☼	66	63 - 120
Pyrene	0.046	J	3.49	2.63		mg/Kg	☼	74	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*73*		*18 - 137*
2-Fluorobiphenyl	*63*		*33 - 117*
2-Fluorophenol (Surr)	*57*		*24 - 120*
Nitrobenzene-d5 (Surr)	*56*		*27 - 120*
Phenol-d5 (Surr)	*60*		*28 - 118*
Terphenyl-d14 (Surr)	*64*		*33 - 124*

Lab Sample ID: 460-329017-B-4-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1045395 — **Prep Batch: 1045347**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.34	U	3.48	2.38		mg/Kg	☼	68	64 - 120	0	30
1,2,4,5-Tetrachlorobenzene	0.34	U	3.48	2.37		mg/Kg	☼	68	60 - 120	1	30
1,4-Dioxane	0.034	U	3.48	1.73		mg/Kg	☼	50	31 - 105	15	30
2,2'-oxybis[1-chloropropane]	0.34	U	3.48	2.28		mg/Kg	☼	65	50 - 126	6	30
2,3,4,6-Tetrachlorophenol	0.34	U	3.48	2.76		mg/Kg	☼	79	62 - 120	1	30
2,4,5-Trichlorophenol	0.34	U	3.48	2.59		mg/Kg	☼	74	64 - 120	1	30
2,4,6-Trichlorophenol	0.14	U	3.48	2.61		mg/Kg	☼	75	65 - 120	0	30
2,4-Dichlorophenol	0.14	U	3.48	2.51		mg/Kg	☼	72	66 - 120	0	30
2,4-Dimethylphenol	0.34	U	3.48	2.39	*	mg/Kg	☼	69	75 - 136	2	30
2,4-Dinitrophenol	0.28	U	6.96	3.44		mg/Kg	☼	49	41 - 120	7	30
2,4-Dinitrotoluene	0.070	U	3.48	2.70		mg/Kg	☼	77	65 - 124	1	30
2,6-Dinitrotoluene	0.070	U	3.48	2.70		mg/Kg	☼	78	67 - 121	0	30
2-Chloronaphthalene	0.34	U	3.48	2.39		mg/Kg	☼	69	64 - 120	1	30
2-Chlorophenol	0.34	U	3.48	2.37		mg/Kg	☼	68	63 - 120	6	30
2-Methylnaphthalene	0.34	U	3.48	2.38		mg/Kg	☼	68	56 - 102	1	30
2-Methylphenol	0.34	U	3.48	2.46		mg/Kg	☼	71	63 - 120	4	30
2-Nitroaniline	0.34	U	3.48	2.61		mg/Kg	☼	75	52 - 120	1	30
2-Nitrophenol	0.34	U	3.48	2.33		mg/Kg	☼	67	64 - 120	7	30
3 & 4 Methylphenol	0.34	U	3.48	2.52		mg/Kg	☼	72	61 - 120	4	30
3,3'-Dichlorobenzidine	0.14	U	3.48	2.62		mg/Kg	☼	75	10 - 106	4	30
3-Nitroaniline	0.34	U	3.48	2.52		mg/Kg	☼	72	18 - 105	0	30
4,6-Dinitro-2-methylphenol	0.28	U	6.96	4.30		mg/Kg	☼	62	61 - 127	3	30
4-Bromophenyl phenyl ether	0.34	U	3.48	2.73		mg/Kg	☼	78	64 - 120	1	30
4-Chloro-3-methylphenol	0.34	U	3.48	2.67		mg/Kg	☼	77	68 - 120	1	30
4-Chloroaniline	0.34	U	3.48	2.22		mg/Kg	☼	64	10 - 107	5	30
4-Chlorophenyl phenyl ether	0.34	U	3.48	2.57		mg/Kg	☼	74	62 - 120	2	30
4-Methylphenol	0.34	U	3.48	2.52		mg/Kg	☼	72	61 - 120	4	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-329017-B-4-B MSD
Matrix: Solid
Analysis Batch: 1045395

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1045347

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Nitroaniline	0.34	U	3.48	0.34	U *	mg/Kg	☼	0	51 - 112	NC	30
4-Nitrophenol	0.70	U	6.96	5.80		mg/Kg	☼	83	52 - 122	3	30
Acenaphthene	0.34	U	3.48	2.46		mg/Kg	☼	71	65 - 120	1	30
Acenaphthylene	0.34	U	3.48	2.48		mg/Kg	☼	71	68 - 120	1	30
Acetophenone	0.34	U	3.48	2.32		mg/Kg	☼	67	61 - 111	7	30
Anthracene	0.34	U	3.48	2.77		mg/Kg	☼	80	67 - 120	1	30
Atrazine	0.14	U *	1.39	2.42	E *	mg/Kg	☼	174	52 - 150	1	30
Benzaldehyde	0.34	U *	1.39	1.76	E	mg/Kg	☼	127	45 - 150	5	30
Benzo[a]anthracene	0.034	U	3.48	2.67		mg/Kg	☼	77	66 - 120	2	30
Benzo[a]pyrene	0.012	J	3.48	2.93		mg/Kg	☼	84	69 - 123	1	30
Benzo[b]fluoranthene	0.018	J	3.48	2.93		mg/Kg	☼	84	66 - 125	3	30
Benzo[g,h,i]perylene	0.34	U	3.48	2.60		mg/Kg	☼	75	66 - 138	6	30
Benzo[k]fluoranthene	0.0093	J	3.48	2.76		mg/Kg	☼	79	67 - 122	2	30
Bis(2-chloroethoxy)methane	0.34	U	3.48	2.34		mg/Kg	☼	67	62 - 120	4	30
Bis(2-chloroethyl)ether	0.034	U	3.48	2.28		mg/Kg	☼	65	60 - 120	8	30
Bis(2-ethylhexyl) phthalate	0.34	U	3.48	2.62		mg/Kg	☼	75	64 - 125	1	30
Butyl benzyl phthalate	0.34	U	3.48	2.64		mg/Kg	☼	76	62 - 127	1	30
Caprolactam	0.34	U *	1.39	2.24	E *	mg/Kg	☼	161	46 - 150	2	30
Carbazole	0.34	U	3.48	2.84		mg/Kg	☼	82	64 - 120	3	30
Chrysene	0.024	J	3.48	2.64		mg/Kg	☼	75	67 - 120	0	30
Dibenz(a,h)anthracene	0.034	U	3.48	2.86		mg/Kg	☼	82	66 - 128	3	30
Dibenzofuran	0.34	U	3.48	2.51		mg/Kg	☼	72	61 - 120	1	30
Diethyl phthalate	0.34	U	3.48	2.64		mg/Kg	☼	76	63 - 120	0	30
Dimethyl phthalate	0.34	U	3.48	2.59		mg/Kg	☼	74	65 - 120	1	30
Di-n-butyl phthalate	0.34	U	3.48	2.86		mg/Kg	☼	82	61 - 120	1	30
Di-n-octyl phthalate	0.34	U	3.48	2.82		mg/Kg	☼	81	61 - 123	0	30
Fluoranthene	0.031	J	3.48	2.79		mg/Kg	☼	79	61 - 120	0	30
Fluorene	0.34	U	3.48	2.58		mg/Kg	☼	74	64 - 120	0	30
Hexachlorobenzene	0.034	U	3.48	2.80		mg/Kg	☼	80	66 - 120	2	30
Hexachlorobutadiene	0.070	U	3.48	2.29		mg/Kg	☼	66	62 - 120	7	30
Hexachlorocyclopentadiene	0.34	U	3.48	0.505	*	mg/Kg	☼	15	32 - 150	1	30
Hexachloroethane	0.034	U	3.48	2.01	*	mg/Kg	☼	58	61 - 112	9	30
Indeno[1,2,3-cd]pyrene	0.034	U	3.48	2.56		mg/Kg	☼	73	63 - 137	3	30
Isophorone	0.14	U	3.48	2.34		mg/Kg	☼	67	61 - 120	3	30
Naphthalene	0.34	U	3.48	2.29		mg/Kg	☼	66	63 - 113	5	30
Nitrobenzene	0.034	U	3.48	2.40		mg/Kg	☼	69	63 - 120	7	30
N-Nitrosodi-n-propylamine	0.034	U	3.48	2.33		mg/Kg	☼	67	60 - 120	5	30
N-Nitrosodiphenylamine	0.34	U	3.48	2.76		mg/Kg	☼	79	63 - 120	0	30
Pentachlorophenol	0.28	U	6.96	5.96		mg/Kg	☼	86	61 - 126	1	30
Phenanthrene	0.040	J	3.48	2.79		mg/Kg	☼	79	66 - 120	2	30
Phenol	0.34	U	3.48	2.37		mg/Kg	☼	68	63 - 120	3	30
Pyrene	0.046	J	3.48	2.64		mg/Kg	☼	75	61 - 121	0	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*67*		*18 - 137*
2-Fluorobiphenyl	*59*		*33 - 117*
2-Fluorophenol (Surr)	*59*		*24 - 120*
Nitrobenzene-d5 (Surr)	*56*		*27 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-329017-B-4-B MSD
Matrix: Solid
Analysis Batch: 1045395

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1045347

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Phenol-d5 (Surr)	*59*		*28 - 118*
Terphenyl-d14 (Surr)	*60*		*33 - 124*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1045548/1-A
Matrix: Solid
Analysis Batch: 1045660

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045548

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		06/23/25 10:11	06/24/25 09:35	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1045548/1-A
Matrix: Solid
Analysis Batch: 1045660

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045548

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		06/23/25 10:11	06/24/25 09:35	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		06/23/25 10:11	06/24/25 09:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*117*		*10 - 150*	*06/23/25 10:11*	*06/24/25 09:35*	*1*
DCB Decachlorobiphenyl	*130*		*10 - 150*	*06/23/25 10:11*	*06/24/25 09:35*	*1*
Tetrachloro-m-xylene	*112*		*14 - 150*	*06/23/25 10:11*	*06/24/25 09:35*	*1*
Tetrachloro-m-xylene	*111*		*14 - 150*	*06/23/25 10:11*	*06/24/25 09:35*	*1*

Lab Sample ID: LCS 460-1045548/2-A
Matrix: Solid
Analysis Batch: 1045660

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045548

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.133	0.137		mg/Kg		103	71 - 134
4,4'-DDD	0.133	0.150		mg/Kg		112	71 - 134
4,4'-DDE	0.133	0.142		mg/Kg		107	71 - 137
4,4'-DDE	0.133	0.153		mg/Kg		114	71 - 137
4,4'-DDT	0.133	0.154		mg/Kg		116	69 - 140
4,4'-DDT	0.133	0.152		mg/Kg		114	69 - 140
Aldrin	0.133	0.142		mg/Kg		106	68 - 136
Aldrin	0.133	0.147		mg/Kg		110	68 - 136
alpha-BHC	0.133	0.145		mg/Kg		109	71 - 136
alpha-BHC	0.133	0.151		mg/Kg		113	71 - 136
beta-BHC	0.133	0.143		mg/Kg		107	67 - 133
beta-BHC	0.133	0.150		mg/Kg		113	67 - 133
cis-Chlordane	0.133	0.145		mg/Kg		109	70 - 140
cis-Chlordane	0.133	0.153		mg/Kg		115	70 - 140
delta-BHC	0.133	0.144		mg/Kg		108	70 - 135
delta-BHC	0.133	0.149		mg/Kg		112	70 - 135
Dieldrin	0.133	0.139		mg/Kg		104	71 - 135
Dieldrin	0.133	0.149		mg/Kg		112	71 - 135
Endosulfan I	0.133	0.145		mg/Kg		109	70 - 141
Endosulfan I	0.133	0.148		mg/Kg		111	70 - 141
Endosulfan II	0.133	0.144		mg/Kg		108	75 - 141
Endosulfan II	0.133	0.154		mg/Kg		115	75 - 141
Endosulfan sulfate	0.133	0.138		mg/Kg		103	67 - 130
Endosulfan sulfate	0.133	0.144		mg/Kg		108	67 - 130
Endrin	0.133	0.132		mg/Kg		99	66 - 143
Endrin	0.133	0.143		mg/Kg		107	66 - 143
Endrin aldehyde	0.133	0.137		mg/Kg		103	70 - 132
Endrin aldehyde	0.133	0.140		mg/Kg		105	70 - 132
Endrin ketone	0.133	0.135		mg/Kg		101	66 - 137
Endrin ketone	0.133	0.146		mg/Kg		109	66 - 137
gamma-BHC (Lindane)	0.133	0.146		mg/Kg		109	71 - 137
gamma-BHC (Lindane)	0.133	0.151		mg/Kg		114	71 - 137
Heptachlor	0.133	0.154		mg/Kg		116	70 - 140

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1045548/2-A
Matrix: Solid
Analysis Batch: 1045660

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045548

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Heptachlor			0.133	0.156		mg/Kg		117	70 - 140		
Heptachlor epoxide			0.133	0.145		mg/Kg		109	70 - 135		
Heptachlor epoxide			0.133	0.152		mg/Kg		114	70 - 135		
Methoxychlor			0.133	0.152		mg/Kg		114	63 - 138		
Methoxychlor			0.133	0.154		mg/Kg		116	63 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*104*		*10 - 150*
DCB Decachlorobiphenyl	*112*		*10 - 150*
Tetrachloro-m-xylene	*91*		*14 - 150*
Tetrachloro-m-xylene	*96*		*14 - 150*

Lab Sample ID: LCSD 460-1045548/3-A
Matrix: Solid
Analysis Batch: 1045660

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1045548

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.133		mg/Kg		100	71 - 134	3	30
4,4'-DDD			0.133	0.151		mg/Kg		113	71 - 134	1	30
4,4'-DDE			0.133	0.138		mg/Kg		104	71 - 137	3	30
4,4'-DDE			0.133	0.153		mg/Kg		115	71 - 137	0	30
4,4'-DDT			0.133	0.149		mg/Kg		112	69 - 140	4	30
4,4'-DDT			0.133	0.154		mg/Kg		116	69 - 140	2	30
Aldrin			0.133	0.137		mg/Kg		103	68 - 136	3	30
Aldrin			0.133	0.148		mg/Kg		111	68 - 136	1	30
alpha-BHC			0.133	0.141		mg/Kg		106	71 - 136	3	30
alpha-BHC			0.133	0.152		mg/Kg		114	71 - 136	1	30
beta-BHC			0.133	0.138		mg/Kg		104	67 - 133	3	30
beta-BHC			0.133	0.151		mg/Kg		113	67 - 133	1	30
cis-Chlordane			0.133	0.141		mg/Kg		106	70 - 140	3	30
cis-Chlordane			0.133	0.153		mg/Kg		115	70 - 140	0	30
delta-BHC			0.133	0.140		mg/Kg		105	70 - 135	3	30
delta-BHC			0.133	0.150		mg/Kg		113	70 - 135	1	30
Dieldrin			0.133	0.135		mg/Kg		101	71 - 135	3	30
Dieldrin			0.133	0.152		mg/Kg		114	71 - 135	2	30
Endosulfan I			0.133	0.141		mg/Kg		106	70 - 141	3	30
Endosulfan I			0.133	0.149		mg/Kg		111	70 - 141	0	30
Endosulfan II			0.133	0.140		mg/Kg		105	75 - 141	3	30
Endosulfan II			0.133	0.156		mg/Kg		117	75 - 141	2	30
Endosulfan sulfate			0.133	0.133		mg/Kg		100	67 - 130	3	30
Endosulfan sulfate			0.133	0.146		mg/Kg		109	67 - 130	1	30
Endrin			0.133	0.128		mg/Kg		96	66 - 143	3	30
Endrin			0.133	0.144		mg/Kg		108	66 - 143	1	30
Endrin aldehyde			0.133	0.134		mg/Kg		100	70 - 132	3	30
Endrin aldehyde			0.133	0.144		mg/Kg		108	70 - 132	3	30
Endrin ketone			0.133	0.129		mg/Kg		97	66 - 137	5	30
Endrin ketone			0.133	0.147		mg/Kg		110	66 - 137	1	30
gamma-BHC (Lindane)			0.133	0.142		mg/Kg		106	71 - 137	3	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1045548/3-A
Matrix: Solid
Analysis Batch: 1045660

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1045548

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
gamma-BHC (Lindane)			0.133	0.153		mg/Kg		114	71 - 137	1	30
Heptachlor			0.133	0.149		mg/Kg		112	70 - 140	3	30
Heptachlor			0.133	0.157		mg/Kg		117	70 - 140	0	30
Heptachlor epoxide			0.133	0.141		mg/Kg		105	70 - 135	3	30
Heptachlor epoxide			0.133	0.153		mg/Kg		115	70 - 135	1	30
Methoxychlor			0.133	0.145		mg/Kg		109	63 - 138	5	30
Methoxychlor			0.133	0.154		mg/Kg		115	63 - 138	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*100*		*10 - 150*
DCB Decachlorobiphenyl	*112*		*10 - 150*
Tetrachloro-m-xylene	*90*		*14 - 150*
Tetrachloro-m-xylene	*97*		*14 - 150*

Lab Sample ID: 460-328983-1 MS
Matrix: Solid
Analysis Batch: 1045660

Client Sample ID: RX-09(0-2)
Prep Type: Total/NA
Prep Batch: 1045548

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0068	U	0.0673	0.0816		mg/Kg	☼	121	71 - 134
4,4'-DDD	0.0068	U	0.0673	0.0876		mg/Kg	☼	130	71 - 134
4,4'-DDE	0.0068	U	0.0673	0.0882		mg/Kg	☼	131	71 - 137
4,4'-DDE	0.0068	U	0.0673	0.0918		mg/Kg	☼	136	71 - 137
4,4'-DDT	0.0068	U	0.0673	0.0966	*	mg/Kg	☼	144	69 - 140
4,4'-DDT	0.0068	U	0.0673	0.0936		mg/Kg	☼	139	69 - 140
Aldrin	0.0068	U	0.0673	0.0898		mg/Kg	☼	133	68 - 136
Aldrin	0.0068	U	0.0673	0.0918		mg/Kg	☼	136	68 - 136
alpha-BHC	0.0020	U	0.0673	0.0941	*	mg/Kg	☼	140	71 - 136
alpha-BHC	0.0020	U	0.0673	0.0965	*	mg/Kg	☼	143	71 - 136
beta-BHC	0.0020	U	0.0673	0.0801		mg/Kg	☼	119	67 - 133
beta-BHC	0.0020	U	0.0673	0.0845		mg/Kg	☼	126	67 - 133
cis-Chlordane	0.0068	U	0.0673	0.0919		mg/Kg	☼	137	70 - 140
cis-Chlordane	0.0068	U	0.0673	0.0934		mg/Kg	☼	139	70 - 140
delta-BHC	0.0020	U	0.0673	0.0862		mg/Kg	☼	128	70 - 135
delta-BHC	0.0020	U	0.0673	0.0888		mg/Kg	☼	132	70 - 135
Dieldrin	0.0020	U	0.0673	0.0873		mg/Kg	☼	130	71 - 135
Dieldrin	0.0020	U	0.0673	0.0912	*	mg/Kg	☼	136	71 - 135
Endosulfan I	0.0068	U	0.0673	0.0912		mg/Kg	☼	135	70 - 141
Endosulfan I	0.0068	U	0.0673	0.0911		mg/Kg	☼	135	70 - 141
Endosulfan II	0.0068	U	0.0673	0.0840		mg/Kg	☼	125	75 - 141
Endosulfan II	0.0068	U	0.0673	0.0876		mg/Kg	☼	130	75 - 141
Endosulfan sulfate	0.0068	U	0.0673	0.0776		mg/Kg	☼	115	67 - 130
Endosulfan sulfate	0.0068	U	0.0673	0.0760		mg/Kg	☼	113	67 - 130
Endrin	0.0068	U	0.0673	0.0904		mg/Kg	☼	134	66 - 143
Endrin	0.0068	U	0.0673	0.0982	*	mg/Kg	☼	146	66 - 143
Endrin aldehyde	0.0068	U	0.0673	0.0669		mg/Kg	☼	99	70 - 132
Endrin aldehyde	0.0068	U	0.0673	0.0679		mg/Kg	☼	101	70 - 132
Endrin ketone	0.0068	U	0.0673	0.0764		mg/Kg	☼	113	66 - 137

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-328983-1 MS
Matrix: Solid
Analysis Batch: 1045660

Client Sample ID: RX-09(0-2)
Prep Type: Total/NA
Prep Batch: 1045548

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Endrin ketone	0.0068	U	0.0673	0.0793		mg/Kg	☼	118	66 - 137
gamma-BHC (Lindane)	0.0020	U	0.0673	0.0926	*	mg/Kg	☼	138	71 - 137
gamma-BHC (Lindane)	0.0020	U	0.0673	0.0950	*	mg/Kg	☼	141	71 - 137
Heptachlor	0.0068	U	0.0673	0.102	*	mg/Kg	☼	151	70 - 140
Heptachlor	0.0068	U	0.0673	0.104	*	mg/Kg	☼	154	70 - 140
Heptachlor epoxide	0.0068	U	0.0673	0.0903		mg/Kg	☼	134	70 - 135
Heptachlor epoxide	0.0068	U	0.0673	0.0942	*	mg/Kg	☼	140	70 - 135
Methoxychlor	0.0068	U	0.0673	0.0936	*	mg/Kg	☼	139	63 - 138
Methoxychlor	0.0068	U	0.0673	0.0964	*	mg/Kg	☼	143	63 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*63*		*10 - 150*
DCB Decachlorobiphenyl	*62*		*10 - 150*
Tetrachloro-m-xylene	*70*		*14 - 150*
Tetrachloro-m-xylene	*73*		*14 - 150*

Lab Sample ID: 460-328983-1 MSD
Matrix: Solid
Analysis Batch: 1045660

Client Sample ID: RX-09(0-2)
Prep Type: Total/NA
Prep Batch: 1045548

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0068	U	0.0672	0.0564	*	mg/Kg	☼	84	71 - 134	37	30
4,4'-DDD	0.0068	U	0.0672	0.0599	*	mg/Kg	☼	89	71 - 134	38	30
4,4'-DDE	0.0068	U	0.0672	0.0599	*	mg/Kg	☼	89	71 - 137	38	30
4,4'-DDE	0.0068	U	0.0672	0.0611	*	mg/Kg	☼	91	71 - 137	40	30
4,4'-DDT	0.0068	U	0.0672	0.0642	*	mg/Kg	☼	96	69 - 140	40	30
4,4'-DDT	0.0068	U	0.0672	0.0617	*	mg/Kg	☼	92	69 - 140	41	30
Aldrin	0.0068	U	0.0672	0.0603	*	mg/Kg	☼	90	68 - 136	39	30
Aldrin	0.0068	U	0.0672	0.0615	*	mg/Kg	☼	91	68 - 136	40	30
alpha-BHC	0.0020	U	0.0672	0.0628	*	mg/Kg	☼	93	71 - 136	40	30
alpha-BHC	0.0020	U	0.0672	0.0657	*	mg/Kg	☼	98	71 - 136	38	30
beta-BHC	0.0020	U	0.0672	0.0546	*	mg/Kg	☼	81	67 - 133	38	30
beta-BHC	0.0020	U	0.0672	0.0590	*	mg/Kg	☼	88	67 - 133	36	30
cis-Chlordane	0.0068	U	0.0672	0.0625	*	mg/Kg	☼	93	70 - 140	38	30
cis-Chlordane	0.0068	U	0.0672	0.0629	*	mg/Kg	☼	94	70 - 140	39	30
delta-BHC	0.0020	U	0.0672	0.0575	*	mg/Kg	☼	86	70 - 135	40	30
delta-BHC	0.0020	U	0.0672	0.0594	*	mg/Kg	☼	88	70 - 135	40	30
Dieldrin	0.0020	U	0.0672	0.0595	*	mg/Kg	☼	88	71 - 135	38	30
Dieldrin	0.0020	U	0.0672	0.0621	*	mg/Kg	☼	92	71 - 135	38	30
Endosulfan I	0.0068	U	0.0672	0.0621	*	mg/Kg	☼	92	70 - 141	38	30
Endosulfan I	0.0068	U	0.0672	0.0615	*	mg/Kg	☼	91	70 - 141	39	30
Endosulfan II	0.0068	U	0.0672	0.0579	*	mg/Kg	☼	86	75 - 141	37	30
Endosulfan II	0.0068	U	0.0672	0.0594	*	mg/Kg	☼	88	75 - 141	38	30
Endosulfan sulfate	0.0068	U	0.0672	0.0533	*	mg/Kg	☼	79	67 - 130	37	30
Endosulfan sulfate	0.0068	U	0.0672	0.0517	*	mg/Kg	☼	77	67 - 130	38	30
Endrin	0.0068	U	0.0672	0.0618	*	mg/Kg	☼	92	66 - 143	38	30
Endrin	0.0068	U	0.0672	0.0662	*	mg/Kg	☼	99	66 - 143	39	30
Endrin aldehyde	0.0068	U	0.0672	0.0463	*	mg/Kg	☼	69	70 - 132	36	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-328983-1 MSD
Matrix: Solid
Analysis Batch: 1045660

Client Sample ID: RX-09(0-2)
Prep Type: Total/NA
Prep Batch: 1045548

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endrin aldehyde	0.0068	U	0.0672	0.0465	*	mg/Kg	☼	69	70 - 132	37	30
Endrin ketone	0.0068	U	0.0672	0.0534	*	mg/Kg	☼	79	66 - 137	35	30
Endrin ketone	0.0068	U	0.0672	0.0544	*	mg/Kg	☼	81	66 - 137	37	30
gamma-BHC (Lindane)	0.0020	U	0.0672	0.0617	*	mg/Kg	☼	92	71 - 137	40	30
gamma-BHC (Lindane)	0.0020	U	0.0672	0.0641	*	mg/Kg	☼	95	71 - 137	39	30
Heptachlor	0.0068	U	0.0672	0.0682	*	mg/Kg	☼	101	70 - 140	39	30
Heptachlor	0.0068	U	0.0672	0.0692	*	mg/Kg	☼	103	70 - 140	40	30
Heptachlor epoxide	0.0068	U	0.0672	0.0614	*	mg/Kg	☼	91	70 - 135	38	30
Heptachlor epoxide	0.0068	U	0.0672	0.0639	*	mg/Kg	☼	95	70 - 135	38	30
Methoxychlor	0.0068	U	0.0672	0.0637	*	mg/Kg	☼	95	63 - 138	38	30
Methoxychlor	0.0068	U	0.0672	0.0646	*	mg/Kg	☼	96	63 - 138	40	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*53*		*10 - 150*
DCB Decachlorobiphenyl	*53*		*10 - 150*
Tetrachloro-m-xylene	*61*		*14 - 150*
Tetrachloro-m-xylene	*63*		*14 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1045547/1-A
Matrix: Solid
Analysis Batch: 1045721

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045547

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		06/23/25 10:07	06/24/25 14:59	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		06/23/25 10:07	06/24/25 14:59	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		06/23/25 10:07	06/24/25 14:59	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		06/23/25 10:07	06/24/25 14:59	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		06/23/25 10:07	06/24/25 14:59	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		06/23/25 10:07	06/24/25 14:59	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		06/23/25 10:07	06/24/25 14:59	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		06/23/25 10:07	06/24/25 14:59	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		06/23/25 10:07	06/24/25 14:59	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		06/23/25 10:07	06/24/25 14:59	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		06/23/25 10:07	06/24/25 14:59	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		06/23/25 10:07	06/24/25 14:59	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		06/23/25 10:07	06/24/25 14:59	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		06/23/25 10:07	06/24/25 14:59	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		06/23/25 10:07	06/24/25 14:59	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		06/23/25 10:07	06/24/25 14:59	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		06/23/25 10:07	06/24/25 14:59	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		06/23/25 10:07	06/24/25 14:59	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		06/23/25 10:07	06/24/25 14:59	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		06/23/25 10:07	06/24/25 14:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*116*		*10 - 150*	*06/23/25 10:07*	*06/24/25 14:59*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-1045547/1-A
Matrix: Solid
Analysis Batch: 1045721

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045547

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	116		10 - 150	06/23/25 10:07	06/24/25 14:59	1
Tetrachloro-m-xylene	105		10 - 150	06/23/25 10:07	06/24/25 14:59	1
Tetrachloro-m-xylene	99		10 - 150	06/23/25 10:07	06/24/25 14:59	1

Lab Sample ID: LCS 460-1045547/2-A
Matrix: Solid
Analysis Batch: 1045721

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045547

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016			0.333	0.348		mg/Kg		105	59 - 149		
Aroclor 1016			0.333	0.345		mg/Kg		104	59 - 149		
Aroclor 1260			0.333	0.367		mg/Kg		110	62 - 145		
Aroclor 1260			0.333	0.376		mg/Kg		113	62 - 145		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	113		10 - 150
DCB Decachlorobiphenyl	118		10 - 150
Tetrachloro-m-xylene	103		10 - 150
Tetrachloro-m-xylene	88		10 - 150

Lab Sample ID: LCSD 460-1045547/3-A
Matrix: Solid
Analysis Batch: 1045721

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1045547

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.376		mg/Kg		113	59 - 149	8	30
Aroclor 1016			0.333	0.363		mg/Kg		109	59 - 149	5	30
Aroclor 1260			0.333	0.392		mg/Kg		118	62 - 145	6	30
Aroclor 1260			0.333	0.386		mg/Kg		116	62 - 145	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	119		10 - 150
DCB Decachlorobiphenyl	122		10 - 150
Tetrachloro-m-xylene	107		10 - 150
Tetrachloro-m-xylene	108		10 - 150

Lab Sample ID: 460-328983-1 MS
Matrix: Solid
Analysis Batch: 1045721

Client Sample ID: RX-09(0-2)
Prep Type: Total/NA
Prep Batch: 1045547

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016	0.068	U	0.337	0.395		mg/Kg	☼	117	59 - 149		
Aroclor 1016	0.068	U	0.337	0.390		mg/Kg	☼	116	59 - 149		
Aroclor 1260	0.068	U	0.337	0.406		mg/Kg	☼	121	62 - 145		
Aroclor 1260	0.068	U	0.337	0.382		mg/Kg	☼	114	62 - 145		

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 460-328983-1 MS
Matrix: Solid
Analysis Batch: 1045721

Client Sample ID: RX-09(0-2)
Prep Type: Total/NA
Prep Batch: 1045547

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*136*		*10 - 150*
DCB Decachlorobiphenyl	*130*		*10 - 150*
Tetrachloro-m-xylene	*117*		*10 - 150*
Tetrachloro-m-xylene	*114*		*10 - 150*

Lab Sample ID: 460-328983-1 MSD
Matrix: Solid
Analysis Batch: 1045721

Client Sample ID: RX-09(0-2)
Prep Type: Total/NA
Prep Batch: 1045547

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.068	U	0.336	0.463		mg/Kg	☼	138	59 - 149	16	30
Aroclor 1016	0.068	U	0.336	0.460		mg/Kg	☼	137	59 - 149	16	30
Aroclor 1260	0.068	U	0.336	0.494	*	mg/Kg	☼	147	62 - 145	20	30
Aroclor 1260	0.068	U	0.336	0.447		mg/Kg	☼	133	62 - 145	16	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*167*	*	*10 - 150*
DCB Decachlorobiphenyl	*151*	*	*10 - 150*
Tetrachloro-m-xylene	*146*		*10 - 150*
Tetrachloro-m-xylene	*141*		*10 - 150*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 460-1045480/1-A
Matrix: Solid
Analysis Batch: 1046003

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1045480

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg		06/23/25 05:41	06/25/25 20:18	1
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg		06/23/25 05:41	06/25/25 20:18	1
2,4-D	0.033	U	0.033	0.012	mg/Kg		06/23/25 05:41	06/25/25 20:18	1
2,4-D	0.033	U	0.033	0.012	mg/Kg		06/23/25 05:41	06/25/25 20:18	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg		06/23/25 05:41	06/25/25 20:18	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg		06/23/25 05:41	06/25/25 20:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*118*		*38 - 150*	*06/23/25 05:41*	*06/25/25 20:18*	*1*
2,4-Dichlorophenylacetic acid	*106*		*38 - 150*	*06/23/25 05:41*	*06/25/25 20:18*	*1*

Lab Sample ID: LCS 460-1045480/2-A
Matrix: Solid
Analysis Batch: 1046003

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045480

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	0.0417	0.0493		mg/Kg		118	10 - 150
2,4,5-T	0.0417	0.0475		mg/Kg		114	10 - 150
2,4-D	0.167	0.207		mg/Kg		124	10 - 150
2,4-D	0.167	0.180		mg/Kg		108	10 - 150

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 460-1045480/2-A
Matrix: Solid
Analysis Batch: 1046003

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045480

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Silvex (2,4,5-TP)			0.0417	0.0487		mg/Kg		117	22 - 150		
Silvex (2,4,5-TP)			0.0417	0.0465		mg/Kg		112	22 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*124*		*38 - 150*
2,4-Dichlorophenylacetic acid	*113*		*38 - 150*

Lab Sample ID: LCSD 460-1045480/3-A
Matrix: Solid
Analysis Batch: 1046003

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1045480

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T			0.0417	0.0483		mg/Kg		116	10 - 150	2	30
2,4,5-T			0.0417	0.0455		mg/Kg		109	10 - 150	4	30
2,4-D			0.167	0.201		mg/Kg		121	10 - 150	3	30
2,4-D			0.167	0.175		mg/Kg		105	10 - 150	3	30
Silvex (2,4,5-TP)			0.0417	0.0471		mg/Kg		113	22 - 150	3	30
Silvex (2,4,5-TP)			0.0417	0.0449		mg/Kg		108	22 - 150	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*124*		*38 - 150*
2,4-Dichlorophenylacetic acid	*112*		*38 - 150*

Lab Sample ID: 460-328983-1 MS
Matrix: Solid
Analysis Batch: 1046003

Client Sample ID: RX-09(0-2)
Prep Type: Total/NA
Prep Batch: 1045480

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4,5-T	0.034	U	0.0421	0.0229	J	mg/Kg	☼	54	10 - 150		
2,4,5-T	0.034	U	0.0421	0.0214	J	mg/Kg	☼	51	10 - 150		
2,4-D	0.034	U	0.168	0.195		mg/Kg	☼	116	10 - 150		
2,4-D	0.034	U	0.168	0.104	p	mg/Kg	☼	62	10 - 150		
Silvex (2,4,5-TP)	0.034	U	0.0421	0.0190	J	mg/Kg	☼	45	22 - 150		
Silvex (2,4,5-TP)	0.034	U	0.0421	0.0159	J	mg/Kg	☼	38	22 - 150		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*6*	*	*38 - 150*
2,4-Dichlorophenylacetic acid	*3*	*	*38 - 150*

Lab Sample ID: 460-328983-1 MSD
Matrix: Solid
Analysis Batch: 1046003

Client Sample ID: RX-09(0-2)
Prep Type: Total/NA
Prep Batch: 1045480

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T	0.034	U	0.0421	0.0262	J	mg/Kg	☼	62	10 - 150	14	30
2,4,5-T	0.034	U	0.0421	0.0231	J	mg/Kg	☼	55	10 - 150	7	30
2,4-D	0.034	U	0.168	0.214		mg/Kg	☼	127	10 - 150	9	30
2,4-D	0.034	U	0.168	0.0995	p	mg/Kg	☼	59	10 - 150	5	30

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: 460-328983-1 MSD
Matrix: Solid
Analysis Batch: 1046003

Client Sample ID: RX-09(0-2)
Prep Type: Total/NA
Prep Batch: 1045480

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silvex (2,4,5-TP)	0.034	U	0.0421	0.0224	J	mg/Kg	☼	53	22 - 150	17	30
Silvex (2,4,5-TP)	0.034	U	0.0421	0.0177	J	mg/Kg	☼	42	22 - 150	11	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*7*	*	*38 - 150*
2,4-Dichlorophenylacetic acid	*4*	*	*38 - 150*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1046170/1-A
Matrix: Solid
Analysis Batch: 1046314

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1046170

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		06/26/25 07:01	06/26/25 13:45	1
Antimony	1.0	U	1.0	0.15	mg/Kg		06/26/25 07:01	06/26/25 13:45	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		06/26/25 07:01	06/26/25 13:45	1
Barium	2.0	U	2.0	0.15	mg/Kg		06/26/25 07:01	06/26/25 13:45	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		06/26/25 07:01	06/26/25 13:45	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		06/26/25 07:01	06/26/25 13:45	1
Calcium	100	U	100	9.7	mg/Kg		06/26/25 07:01	06/26/25 13:45	1
Chromium	2.0	U	2.0	0.30	mg/Kg		06/26/25 07:01	06/26/25 13:45	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		06/26/25 07:01	06/26/25 13:45	1
Copper	2.0	U	2.0	0.37	mg/Kg		06/26/25 07:01	06/26/25 13:45	1
Iron	60.0	U	60.0	7.7	mg/Kg		06/26/25 07:01	06/26/25 13:45	1
Lead	0.60	U	0.60	0.20	mg/Kg		06/26/25 07:01	06/26/25 13:45	1
Magnesium	100	U	100	10.2	mg/Kg		06/26/25 07:01	06/26/25 13:45	1
Manganese	4.0	U	4.0	0.40	mg/Kg		06/26/25 07:01	06/26/25 13:45	1
Nickel	2.0	U	2.0	0.18	mg/Kg		06/26/25 07:01	06/26/25 13:45	1
Potassium	100	U	100	16.2	mg/Kg		06/26/25 07:01	06/26/25 13:45	1
Selenium	1.3	U	1.3	0.13	mg/Kg		06/26/25 07:01	06/26/25 13:45	1
Silver	0.40	U	0.40	0.089	mg/Kg		06/26/25 07:01	06/26/25 13:45	1
Sodium	100	U	100	45.7	mg/Kg		06/26/25 07:01	06/26/25 13:45	1
Thallium	0.40	U	0.40	0.041	mg/Kg		06/26/25 07:01	06/26/25 13:45	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		06/26/25 07:01	06/26/25 13:45	1
Zinc	8.0	U	8.0	1.1	mg/Kg		06/26/25 07:01	06/26/25 13:45	1

Lab Sample ID: LCSSRM 460-1046170/2-A ^3
Matrix: Solid
Analysis Batch: 1046314

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1046170

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	6417		mg/Kg		93.8	53.2 - 146.2
Antimony	131	70.05		mg/Kg		53.5	4.5 - 195.4
Arsenic	192	185.7		mg/Kg		96.7	81.3 - 118.8
Barium	219	216.0		mg/Kg		98.6	81.7 - 118.3

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1046170/2-A ^3
Matrix: Solid
Analysis Batch: 1046314

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1046170

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	146	150.2		mg/Kg		102.8	82.2 - 117.8
Cadmium	114	115.2		mg/Kg		101.0	81.7 - 118.4
Calcium	4080	3555		mg/Kg		87.1	82.4 - 117.6
Chromium	153	155.8		mg/Kg		101.8	81.0 - 119.0
Cobalt	231	239.4		mg/Kg		103.6	83.1 - 117.3
Copper	91.2	92.53		mg/Kg		101.5	83.1 - 117.3
Iron	7020	5632		mg/Kg		80.2	60.7 - 139.2
Lead	141	134.8		mg/Kg		95.6	81.6 - 118.4
Magnesium	1900	1917		mg/Kg		100.9	76.3 - 123.7
Manganese	401	388.6		mg/Kg		96.9	80.8 - 119.0
Nickel	143	153.2		mg/Kg		107.1	81.8 - 118.9
Potassium	1760	1601		mg/Kg		91.0	72.2 - 127.8
Selenium	94.7	84.52		mg/Kg		89.3	78.5 - 121.4
Silver	77.0	77.87		mg/Kg		101.1	79.4 - 120.6
Sodium	661	740.4		mg/Kg		112.0	73.7 - 126.2
Thallium	183	189.1		mg/Kg		103.3	80.3 - 119.7
Vanadium	159	155.4		mg/Kg		97.7	78.6 - 122.0
Zinc	292	292.3		mg/Kg		100.1	79.8 - 120.2

Lab Sample ID: 460-328995-G-5-M MS
Matrix: Solid
Analysis Batch: 1046314

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1046170

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	7700		511	7478	4	mg/Kg	☼	-43	75 - 125
Antimony	1.0	U	5.11	2.37	N	mg/Kg	☼	46	75 - 125
Arsenic	3.3		10.2	10.45	N	mg/Kg	☼	70	75 - 125
Barium	39.5		10.2	40.71	N	mg/Kg	☼	12	75 - 125
Beryllium	0.40	J	5.11	4.48		mg/Kg	☼	80	75 - 125
Cadmium	1.0	U	5.11	4.44		mg/Kg	☼	87	75 - 125
Calcium	1910		511	1794	N	mg/Kg	☼	-23	75 - 125
Chromium	19.9		10.2	24.87	N	mg/Kg	☼	49	75 - 125
Cobalt	6.3		5.11	9.93	N	mg/Kg	☼	71	75 - 125
Copper	8.5		10.2	16.62		mg/Kg	☼	80	75 - 125
Iron	14600		511	11040	4	mg/Kg	☼	-705	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-328995-G-5-M MS
Matrix: Solid
Analysis Batch: 1046314

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1046170

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	6.4		5.11	10.03	N	mg/Kg	☼	71	75 - 125
Magnesium	2610		511	2702	4	mg/Kg	☼	18	75 - 125
Manganese	395		51.1	371.0	4	mg/Kg	☼	-47	75 - 125
Nickel	13.8		10.2	20.46	N	mg/Kg	☼	66	75 - 125
Potassium	1280		511	1519	N	mg/Kg	☼	46	75 - 125
Selenium	1.3	U	10.2	8.03		mg/Kg	☼	79	75 - 125
Silver	0.41	U	5.11	4.62		mg/Kg	☼	90	75 - 125
Sodium	113		511	561.1		mg/Kg	☼	88	75 - 125
Thallium	0.070	J	4.09	3.64		mg/Kg	☼	87	75 - 125
Vanadium	19.1		10.2	24.23	N	mg/Kg	☼	50	75 - 125
Zinc	35.7		51.1	75.08		mg/Kg	☼	77	75 - 125

Lab Sample ID: 460-328995-G-5-N MSD
Matrix: Solid
Analysis Batch: 1046314

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1046170

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	7700		511	8377	4	mg/Kg	☼	133	75 - 125	11	20
Antimony	1.0	U	5.11	2.33	N	mg/Kg	☼	46	75 - 125	2	20
Arsenic	3.3		10.2	10.91	N	mg/Kg	☼	74	75 - 125	4	20
Barium	39.5		10.2	45.73	N	mg/Kg	☼	61	75 - 125	12	20
Beryllium	0.40	J	5.11	4.94		mg/Kg	☼	89	75 - 125	10	20
Cadmium	1.0	U	5.11	4.47		mg/Kg	☼	87	75 - 125	0	20
Calcium	1910		511	2720	N	mg/Kg	☼	158	75 - 125	41	20
Chromium	19.9		10.2	24.17	N	mg/Kg	☼	42	75 - 125	3	20
Cobalt	6.3		5.11	10.35		mg/Kg	☼	80	75 - 125	4	20
Copper	8.5		10.2	17.36		mg/Kg	☼	87	75 - 125	4	20
Iron	14600		511	13760	4 N	mg/Kg	☼	-173	75 - 125	22	20
Lead	6.4		5.11	10.77		mg/Kg	☼	85	75 - 125	7	20
Magnesium	2610		511	3111	4	mg/Kg	☼	98	75 - 125	14	20
Manganese	395		51.1	457.7	4 N	mg/Kg	☼	123	75 - 125	21	20
Nickel	13.8		10.2	20.81	N	mg/Kg	☼	69	75 - 125	2	20
Potassium	1280		511	1674		mg/Kg	☼	77	75 - 125	10	20
Selenium	1.3	U	10.2	8.47		mg/Kg	☼	83	75 - 125	5	20
Silver	0.41	U	5.11	4.57		mg/Kg	☼	89	75 - 125	1	20
Sodium	113		511	577.1		mg/Kg	☼	91	75 - 125	3	20
Thallium	0.070	J	4.09	3.66		mg/Kg	☼	88	75 - 125	0	20
Vanadium	19.1		10.2	25.32	N	mg/Kg	☼	61	75 - 125	4	20
Zinc	35.7		51.1	76.31		mg/Kg	☼	79	75 - 125	2	20

Lab Sample ID: 460-328995-G-5-L DU
Matrix: Solid
Analysis Batch: 1046314

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1046170

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	7700		7853		mg/Kg	☼	2	20
Antimony	1.0	U	1.0	U	mg/Kg	☼	NC	20
Arsenic	3.3		3.46		mg/Kg	☼	5	20
Barium	39.5		42.26		mg/Kg	☼	7	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-328995-G-5-L DU
Matrix: Solid
Analysis Batch: 1046314

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1046170

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Beryllium	0.40	J	0.494		mg/Kg	☼	21	20
Cadmium	1.0	U	1.0	U	mg/Kg	☼	NC	20
Calcium	1910		2476	*	mg/Kg	☼	26	20
Chromium	19.9		20.46		mg/Kg	☼	3	20
Cobalt	6.3		6.32		mg/Kg	☼	0.6	20
Copper	8.5		9.41		mg/Kg	☼	11	20
Iron	14600		14460		mg/Kg	☼	1	20
Lead	6.4		7.12		mg/Kg	☼	11	20
Magnesium	2610		2948		mg/Kg	☼	12	20
Manganese	395		353.0		mg/Kg	☼	11	20
Nickel	13.8		13.99		mg/Kg	☼	2	20
Potassium	1280		1337		mg/Kg	☼	4	20
Selenium	1.3	U	0.145	J	mg/Kg	☼	NC	20
Silver	0.41	U	0.41	U	mg/Kg	☼	NC	20
Sodium	113		119.5		mg/Kg	☼	6	20
Thallium	0.070	J	0.0742	J	mg/Kg	☼	6	20
Vanadium	19.1		19.16		mg/Kg	☼	0.3	20
Zinc	35.7		37.78		mg/Kg	☼	6	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1046121/1-A
Matrix: Solid
Analysis Batch: 1046306

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1046121

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		06/26/25 01:51	06/26/25 11:13	1

Lab Sample ID: LCSSRM 460-1046121/2-A ^40
Matrix: Solid
Analysis Batch: 1046306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1046121

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	11.55		mg/Kg		81.9	69.6 - 130.5

Lab Sample ID: 460-328995-G-5-I MS
Matrix: Solid
Analysis Batch: 1046306

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1046121

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.024		0.0763	0.101		mg/Kg	☼	101	80 - 120

Lab Sample ID: 460-328995-G-5-J MSD
Matrix: Solid
Analysis Batch: 1046306

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1046121

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.024		0.0763	0.101		mg/Kg	☼	102	80 - 120	1	20

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-328995-G-5-H DU — **Client Sample ID: Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1046306 — **Prep Batch: 1046121**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.024		0.0273		mg/Kg	☼	14	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 460-1046251/15-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1046527 — **Prep Batch: 1046251**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	2.0	U	2.0	0.85	mg/Kg		06/26/25 12:20	06/26/25 19:15	1

Lab Sample ID: LCSI 460-1046251/17-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1046527 — **Prep Batch: 1046251**

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	708	663.0		mg/Kg		94	80 - 120

Lab Sample ID: LCSSRM 460-1046251/16-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1046527 — **Prep Batch: 1046251**

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	14.9	13.44		mg/Kg		90.0	84.2 - 114.5

Lab Sample ID: 460-327500-B-9-C MSS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1046527 — **Prep Batch: 1046251**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.0	U	40.9	34.13		mg/Kg	☼	83	75 - 125

Lab Sample ID: 460-327500-B-9-D MSI — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1046527 — **Prep Batch: 1046251**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.0	U	724	673.5		mg/Kg	☼	93	75 - 125

Lab Sample ID: 460-327500-B-9-B DU — **Client Sample ID: Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1046527 — **Prep Batch: 1046251**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	2.0	U	2.0	U	mg/Kg	☼	NC	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 460-1046539/1-A
Matrix: Solid
Analysis Batch: 1046661

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1046539

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0055	mg/Kg		06/27/25 12:42	06/27/25 21:30	1

Lab Sample ID: LCSSRM 460-1046539/2-A ^20
Matrix: Solid
Analysis Batch: 1046661

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1046539

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	172	89.28		mg/Kg		51.9	14.9 - 114.5

Lab Sample ID: 460-328983-1 MS
Matrix: Solid
Analysis Batch: 1046661

Client Sample ID: RX-09(0-2)
Prep Type: Total/NA
Prep Batch: 1046539

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.22	U	4.33	3.51		mg/Kg	☼	81	19 - 100

Lab Sample ID: 460-328983-1 MSD
Matrix: Solid
Analysis Batch: 1046661

Client Sample ID: RX-09(0-2)
Prep Type: Total/NA
Prep Batch: 1046539

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.22	U	4.18	0.805	N	mg/Kg	☼	19	19 - 100	125	40

Lab Sample ID: MRL 460-1046650/12-A
Matrix: Solid
Analysis Batch: 1046661

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1046650

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0138		mg/L		138	50 - 150

Method: Moisture - Percent Moisture

Lab Sample ID: 460-328285-A-15 DU
Matrix: Solid
Analysis Batch: 1045381

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	16.6		17.2		%		4	20
Percent Solids	83.4		82.8		%		0.7	20

GC/MS VOA

Prep Batch: 1045334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-1	RX-09(0-2)	Total/NA	Solid	5035	
460-328983-2	RX-09(6-8)	Total/NA	Solid	5035	
460-328983-3	RX-08(0-2)	Total/NA	Solid	5035	
460-328983-4	RX-08(6-8)	Total/NA	Solid	5035	
460-328983-5	RX-03(0-2)	Total/NA	Solid	5035	
460-328983-6	RX-03(4-6)	Total/NA	Solid	5035	

Analysis Batch: 1045853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-1	RX-09(0-2)	Total/NA	Solid	8260D	1045334
460-328983-2	RX-09(6-8)	Total/NA	Solid	8260D	1045334
460-328983-3	RX-08(0-2)	Total/NA	Solid	8260D	1045334
460-328983-4	RX-08(6-8)	Total/NA	Solid	8260D	1045334
460-328983-5	RX-03(0-2)	Total/NA	Solid	8260D	1045334
460-328983-6	RX-03(4-6)	Total/NA	Solid	8260D	1045334
MB 460-1045853/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1045853/28	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1045853/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1046423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-7	TRIP BLANK	Total/NA	Water	8260D	
MB 460-1046423/10	Method Blank	Total/NA	Water	8260D	
LCS 460-1046423/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1046423/6	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 1045347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-1	RX-09(0-2)	Total/NA	Solid	3546	
460-328983-2 - DL	RX-09(6-8)	Total/NA	Solid	3546	
460-328983-2	RX-09(6-8)	Total/NA	Solid	3546	
460-328983-3	RX-08(0-2)	Total/NA	Solid	3546	
460-328983-4	RX-08(6-8)	Total/NA	Solid	3546	
460-328983-5 - DL	RX-03(0-2)	Total/NA	Solid	3546	
460-328983-5	RX-03(0-2)	Total/NA	Solid	3546	
460-328983-6	RX-03(4-6)	Total/NA	Solid	3546	
MB 460-1045347/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1045347/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1045347/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-329017-B-4-A MS	Matrix Spike	Total/NA	Solid	3546	
460-329017-B-4-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1045395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-1	RX-09(0-2)	Total/NA	Solid	8270E	1045347
460-328983-2	RX-09(6-8)	Total/NA	Solid	8270E	1045347
460-328983-3	RX-08(0-2)	Total/NA	Solid	8270E	1045347
460-328983-4	RX-08(6-8)	Total/NA	Solid	8270E	1045347
460-328983-5	RX-03(0-2)	Total/NA	Solid	8270E	1045347

GC/MS Semi VOA (Continued)

Analysis Batch: 1045395 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-6	RX-03(4-6)	Total/NA	Solid	8270E	1045347
MB 460-1045347/1-A	Method Blank	Total/NA	Solid	8270E	1045347
LCS 460-1045347/2-A	Lab Control Sample	Total/NA	Solid	8270E	1045347
LCSD 460-1045347/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1045347
460-329017-B-4-A MS	Matrix Spike	Total/NA	Solid	8270E	1045347
460-329017-B-4-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	1045347

Analysis Batch: 1045478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-2 - DL	RX-09(6-8)	Total/NA	Solid	8270E	1045347
460-328983-5 - DL	RX-03(0-2)	Total/NA	Solid	8270E	1045347

GC Semi VOA

Prep Batch: 1045480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-1	RX-09(0-2)	Total/NA	Solid	8151A	
460-328983-2	RX-09(6-8)	Total/NA	Solid	8151A	
460-328983-3	RX-08(0-2)	Total/NA	Solid	8151A	
460-328983-4	RX-08(6-8)	Total/NA	Solid	8151A	
460-328983-5	RX-03(0-2)	Total/NA	Solid	8151A	
460-328983-6	RX-03(4-6)	Total/NA	Solid	8151A	
MB 460-1045480/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 460-1045480/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 460-1045480/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
460-328983-1 MS	RX-09(0-2)	Total/NA	Solid	8151A	
460-328983-1 MSD	RX-09(0-2)	Total/NA	Solid	8151A	

Prep Batch: 1045547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-1	RX-09(0-2)	Total/NA	Solid	3546	
460-328983-2	RX-09(6-8)	Total/NA	Solid	3546	
460-328983-3	RX-08(0-2)	Total/NA	Solid	3546	
460-328983-4	RX-08(6-8)	Total/NA	Solid	3546	
460-328983-5	RX-03(0-2)	Total/NA	Solid	3546	
460-328983-6	RX-03(4-6)	Total/NA	Solid	3546	
MB 460-1045547/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1045547/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1045547/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-328983-1 MS	RX-09(0-2)	Total/NA	Solid	3546	
460-328983-1 MSD	RX-09(0-2)	Total/NA	Solid	3546	

Prep Batch: 1045548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-1	RX-09(0-2)	Total/NA	Solid	3546	
460-328983-2	RX-09(6-8)	Total/NA	Solid	3546	
460-328983-3	RX-08(0-2)	Total/NA	Solid	3546	
460-328983-4	RX-08(6-8)	Total/NA	Solid	3546	
460-328983-5	RX-03(0-2)	Total/NA	Solid	3546	
460-328983-6	RX-03(4-6)	Total/NA	Solid	3546	
MB 460-1045548/1-A	Method Blank	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 1045548 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 460-1045548/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1045548/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-328983-1 MS	RX-09(0-2)	Total/NA	Solid	3546	
460-328983-1 MSD	RX-09(0-2)	Total/NA	Solid	3546	

Analysis Batch: 1045660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-1	RX-09(0-2)	Total/NA	Solid	8081B	1045548
460-328983-3	RX-08(0-2)	Total/NA	Solid	8081B	1045548
460-328983-5	RX-03(0-2)	Total/NA	Solid	8081B	1045548
MB 460-1045548/1-A	Method Blank	Total/NA	Solid	8081B	1045548
LCS 460-1045548/2-A	Lab Control Sample	Total/NA	Solid	8081B	1045548
LCSD 460-1045548/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1045548
460-328983-1 MS	RX-09(0-2)	Total/NA	Solid	8081B	1045548
460-328983-1 MSD	RX-09(0-2)	Total/NA	Solid	8081B	1045548

Analysis Batch: 1045721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-1	RX-09(0-2)	Total/NA	Solid	8082A	1045547
460-328983-2	RX-09(6-8)	Total/NA	Solid	8082A	1045547
460-328983-3	RX-08(0-2)	Total/NA	Solid	8082A	1045547
460-328983-4	RX-08(6-8)	Total/NA	Solid	8082A	1045547
460-328983-5	RX-03(0-2)	Total/NA	Solid	8082A	1045547
460-328983-6	RX-03(4-6)	Total/NA	Solid	8082A	1045547
MB 460-1045547/1-A	Method Blank	Total/NA	Solid	8082A	1045547
LCS 460-1045547/2-A	Lab Control Sample	Total/NA	Solid	8082A	1045547
LCSD 460-1045547/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1045547
460-328983-1 MS	RX-09(0-2)	Total/NA	Solid	8082A	1045547
460-328983-1 MSD	RX-09(0-2)	Total/NA	Solid	8082A	1045547

Analysis Batch: 1045883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-2	RX-09(6-8)	Total/NA	Solid	8081B	1045548
460-328983-4	RX-08(6-8)	Total/NA	Solid	8081B	1045548
460-328983-6	RX-03(4-6)	Total/NA	Solid	8081B	1045548

Analysis Batch: 1046003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-1	RX-09(0-2)	Total/NA	Solid	8151A	1045480
460-328983-2	RX-09(6-8)	Total/NA	Solid	8151A	1045480
460-328983-3	RX-08(0-2)	Total/NA	Solid	8151A	1045480
460-328983-4	RX-08(6-8)	Total/NA	Solid	8151A	1045480
460-328983-5	RX-03(0-2)	Total/NA	Solid	8151A	1045480
460-328983-6	RX-03(4-6)	Total/NA	Solid	8151A	1045480
MB 460-1045480/1-A	Method Blank	Total/NA	Solid	8151A	1045480
LCS 460-1045480/2-A	Lab Control Sample	Total/NA	Solid	8151A	1045480
LCSD 460-1045480/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	1045480
460-328983-1 MS	RX-09(0-2)	Total/NA	Solid	8151A	1045480
460-328983-1 MSD	RX-09(0-2)	Total/NA	Solid	8151A	1045480

Metals

Prep Batch: 1046121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-1	RX-09(0-2)	Total/NA	Solid	7471B	
460-328983-2	RX-09(6-8)	Total/NA	Solid	7471B	
460-328983-3	RX-08(0-2)	Total/NA	Solid	7471B	
460-328983-4	RX-08(6-8)	Total/NA	Solid	7471B	
460-328983-5	RX-03(0-2)	Total/NA	Solid	7471B	
460-328983-6	RX-03(4-6)	Total/NA	Solid	7471B	
MB 460-1046121/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1046121/2-A ^40	Lab Control Sample	Total/NA	Solid	7471B	
460-328995-G-5-I MS	Matrix Spike	Total/NA	Solid	7471B	
460-328995-G-5-J MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	
460-328995-G-5-H DU	Duplicate	Total/NA	Solid	7471B	

Prep Batch: 1046170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-1	RX-09(0-2)	Total/NA	Solid	3050B	
460-328983-2	RX-09(6-8)	Total/NA	Solid	3050B	
460-328983-3	RX-08(0-2)	Total/NA	Solid	3050B	
460-328983-4	RX-08(6-8)	Total/NA	Solid	3050B	
460-328983-5	RX-03(0-2)	Total/NA	Solid	3050B	
460-328983-6	RX-03(4-6)	Total/NA	Solid	3050B	
MB 460-1046170/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1046170/2-A ^3	Lab Control Sample	Total/NA	Solid	3050B	
460-328995-G-5-M MS	Matrix Spike	Total/NA	Solid	3050B	
460-328995-G-5-N MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	
460-328995-G-5-L DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 1046306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-1	RX-09(0-2)	Total/NA	Solid	7471B	1046121
460-328983-2	RX-09(6-8)	Total/NA	Solid	7471B	1046121
460-328983-3	RX-08(0-2)	Total/NA	Solid	7471B	1046121
460-328983-4	RX-08(6-8)	Total/NA	Solid	7471B	1046121
460-328983-5	RX-03(0-2)	Total/NA	Solid	7471B	1046121
460-328983-6	RX-03(4-6)	Total/NA	Solid	7471B	1046121
MB 460-1046121/1-A	Method Blank	Total/NA	Solid	7471B	1046121
LCSSRM 460-1046121/2-A ^40	Lab Control Sample	Total/NA	Solid	7471B	1046121
460-328995-G-5-I MS	Matrix Spike	Total/NA	Solid	7471B	1046121
460-328995-G-5-J MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	1046121
460-328995-G-5-H DU	Duplicate	Total/NA	Solid	7471B	1046121

Analysis Batch: 1046314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-1	RX-09(0-2)	Total/NA	Solid	6020B	1046170
460-328983-2	RX-09(6-8)	Total/NA	Solid	6020B	1046170
460-328983-3	RX-08(0-2)	Total/NA	Solid	6020B	1046170
460-328983-4	RX-08(6-8)	Total/NA	Solid	6020B	1046170
460-328983-5	RX-03(0-2)	Total/NA	Solid	6020B	1046170
460-328983-6	RX-03(4-6)	Total/NA	Solid	6020B	1046170
MB 460-1046170/1-A	Method Blank	Total/NA	Solid	6020B	1046170
LCSSRM 460-1046170/2-A ^3	Lab Control Sample	Total/NA	Solid	6020B	1046170
460-328995-G-5-M MS	Matrix Spike	Total/NA	Solid	6020B	1046170

Metals (Continued)

Analysis Batch: 1046314 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328995-G-5-N MSD	Matrix Spike Duplicate	Total/NA	Solid	6020B	1046170
460-328995-G-5-L DU	Duplicate	Total/NA	Solid	6020B	1046170

General Chemistry

Analysis Batch: 1045381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-1	RX-09(0-2)	Total/NA	Solid	Moisture	
460-328983-2	RX-09(6-8)	Total/NA	Solid	Moisture	
460-328983-3	RX-08(0-2)	Total/NA	Solid	Moisture	
460-328983-4	RX-08(6-8)	Total/NA	Solid	Moisture	
460-328983-5	RX-03(0-2)	Total/NA	Solid	Moisture	
460-328983-6	RX-03(4-6)	Total/NA	Solid	Moisture	
460-329003-A-3 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-329003-A-3 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-328285-A-15 DU	Duplicate	Total/NA	Solid	Moisture	

Prep Batch: 1046251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-1	RX-09(0-2)	Total/NA	Solid	3060A	
460-328983-2	RX-09(6-8)	Total/NA	Solid	3060A	
460-328983-3	RX-08(0-2)	Total/NA	Solid	3060A	
460-328983-4	RX-08(6-8)	Total/NA	Solid	3060A	
460-328983-5	RX-03(0-2)	Total/NA	Solid	3060A	
460-328983-6	RX-03(4-6)	Total/NA	Solid	3060A	
MB 460-1046251/15-A	Method Blank	Total/NA	Solid	3060A	
LCSI 460-1046251/17-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSSRM 460-1046251/16-A	Lab Control Sample	Total/NA	Solid	3060A	
460-327500-B-9-C MSS	Matrix Spike	Total/NA	Solid	3060A	
460-327500-B-9-D MSI	Matrix Spike	Total/NA	Solid	3060A	
460-327500-B-9-B DU	Duplicate	Total/NA	Solid	3060A	

Analysis Batch: 1046362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-1	RX-09(0-2)	Total/NA	Solid	7196A	
460-328983-2	RX-09(6-8)	Total/NA	Solid	7196A	
460-328983-3	RX-08(0-2)	Total/NA	Solid	7196A	
460-328983-4	RX-08(6-8)	Total/NA	Solid	7196A	
460-328983-5	RX-03(0-2)	Total/NA	Solid	7196A	
460-328983-6	RX-03(4-6)	Total/NA	Solid	7196A	

Analysis Batch: 1046527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-1	RX-09(0-2)	Total/NA	Solid	7196A	1046251
460-328983-2	RX-09(6-8)	Total/NA	Solid	7196A	1046251
460-328983-3	RX-08(0-2)	Total/NA	Solid	7196A	1046251
460-328983-4	RX-08(6-8)	Total/NA	Solid	7196A	1046251
460-328983-5	RX-03(0-2)	Total/NA	Solid	7196A	1046251
460-328983-6	RX-03(4-6)	Total/NA	Solid	7196A	1046251
MB 460-1046251/15-A	Method Blank	Total/NA	Solid	7196A	1046251
LCSI 460-1046251/17-A	Lab Control Sample	Total/NA	Solid	7196A	1046251

General Chemistry (Continued)

Analysis Batch: 1046527 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSSRM 460-1046251/16-A	Lab Control Sample	Total/NA	Solid	7196A	1046251
460-327500-B-9-C MSS	Matrix Spike	Total/NA	Solid	7196A	1046251
460-327500-B-9-D MSI	Matrix Spike	Total/NA	Solid	7196A	1046251
460-327500-B-9-B DU	Duplicate	Total/NA	Solid	7196A	1046251

Prep Batch: 1046539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-1	RX-09(0-2)	Total/NA	Solid	9012B	
460-328983-2	RX-09(6-8)	Total/NA	Solid	9012B	
460-328983-3	RX-08(0-2)	Total/NA	Solid	9012B	
460-328983-4	RX-08(6-8)	Total/NA	Solid	9012B	
460-328983-5	RX-03(0-2)	Total/NA	Solid	9012B	
460-328983-6	RX-03(4-6)	Total/NA	Solid	9012B	
MB 460-1046539/1-A	Method Blank	Total/NA	Solid	9012B	
LCSSRM 460-1046539/2-A ^20	Lab Control Sample	Total/NA	Solid	9012B	
460-328983-1 MS	RX-09(0-2)	Total/NA	Solid	9012B	
460-328983-1 MSD	RX-09(0-2)	Total/NA	Solid	9012B	

Prep Batch: 1046650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 460-1046650/12-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 1046661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328983-1	RX-09(0-2)	Total/NA	Solid	9012B	1046539
460-328983-2	RX-09(6-8)	Total/NA	Solid	9012B	1046539
460-328983-3	RX-08(0-2)	Total/NA	Solid	9012B	1046539
460-328983-4	RX-08(6-8)	Total/NA	Solid	9012B	1046539
460-328983-5	RX-03(0-2)	Total/NA	Solid	9012B	1046539
460-328983-6	RX-03(4-6)	Total/NA	Solid	9012B	1046539
MB 460-1046539/1-A	Method Blank	Total/NA	Solid	9012B	1046539
LCSSRM 460-1046539/2-A ^20	Lab Control Sample	Total/NA	Solid	9012B	1046539
MRL 460-1046650/12-A	Lab Control Sample	Total/NA	Solid	9012B	1046650
460-328983-1 MS	RX-09(0-2)	Total/NA	Solid	9012B	1046539
460-328983-1 MSD	RX-09(0-2)	Total/NA	Solid	9012B	1046539

Client Sample ID: RX-09(0-2)
Lab Sample ID: 460-328983-1

Date Collected: 06/20/25 09:40
Matrix: Solid
Date Received: 06/20/25 19:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	7196A		1	1046362	ST1	EET EDI	06/26/25 20:02
Total/NA	Analysis	Moisture		1	1045381	CJC	EET EDI	06/22/25 11:55

Client Sample ID: RX-09(0-2)
Lab Sample ID: 460-328983-1

Date Collected: 06/20/25 09:40
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 98.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1045334	YXG	EET EDI	06/21/25 19:11
Total/NA	Analysis	8260D		1	1045853	EMM	EET EDI	06/25/25 09:28
Total/NA	Prep	3546			1045347	BJB	EET EDI	06/22/25 06:35
Total/NA	Analysis	8270E		1	1045395	YAH	EET EDI	06/22/25 22:30
Total/NA	Prep	3546			1045548	OTS	EET EDI	06/23/25 10:11
Total/NA	Analysis	8081B		1	1045660	FAM	EET EDI	06/24/25 09:48
Total/NA	Prep	3546			1045547	OTS	EET EDI	06/23/25 10:07
Total/NA	Analysis	8082A		1	1045721	SAK	EET EDI	06/24/25 15:49
Total/NA	Prep	8151A			1045480	AXB	EET EDI	06/23/25 05:41
Total/NA	Analysis	8151A		1	1046003	SAK	EET EDI	06/25/25 21:08
Total/NA	Prep	3050B			1046170	FBT	EET EDI	06/26/25 07:01
Total/NA	Analysis	6020B		1	1046314	CDC	EET EDI	06/26/25 14:26
Total/NA	Prep	7471B			1046121	TJS	EET EDI	06/26/25 01:51
Total/NA	Analysis	7471B		1	1046306	LBD	EET EDI	06/26/25 11:33
Total/NA	Prep	3060A			1046251	OXG	EET EDI	06/26/25 12:20 - 06/26/25 13:20 [1]
Total/NA	Analysis	7196A		1	1046527	MNP	EET EDI	06/26/25 20:20
Total/NA	Prep	9012B			1046539	SBW	EET EDI	06/27/25 12:42
Total/NA	Analysis	9012B		1	1046661	VBG	EET EDI	06/27/25 21:53

Client Sample ID: RX-09(6-8)
Lab Sample ID: 460-328983-2

Date Collected: 06/20/25 10:00
Matrix: Solid
Date Received: 06/20/25 19:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	7196A		1	1046362	ST1	EET EDI	06/26/25 20:02
Total/NA	Analysis	Moisture		1	1045381	CJC	EET EDI	06/22/25 11:55

Client Sample ID: RX-09(6-8)
Lab Sample ID: 460-328983-2

Date Collected: 06/20/25 10:00
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1045334	YXG	EET EDI	06/21/25 19:12
Total/NA	Analysis	8260D		1	1045853	EMM	EET EDI	06/25/25 09:53
Total/NA	Prep	3546			1045347	BJB	EET EDI	06/22/25 06:35
Total/NA	Analysis	8270E		1	1045395	YAH	EET EDI	06/22/25 17:13

Client Sample ID: RX-09(6-8)

Lab Sample ID: 460-328983-2

Date Collected: 06/20/25 10:00
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546	DL		1045347	BJB	EET EDI	06/22/25 06:35
Total/NA	Analysis	8270E	DL	5	1045478	DXD	EET EDI	06/23/25 17:41
Total/NA	Prep	3546			1045548	OTS	EET EDI	06/23/25 10:11
Total/NA	Analysis	8081B		1	1045883	FAM	EET EDI	06/25/25 11:24
Total/NA	Prep	3546			1045547	OTS	EET EDI	06/23/25 10:07
Total/NA	Analysis	8082A		1	1045721	SAK	EET EDI	06/24/25 16:06
Total/NA	Prep	8151A			1045480	AXB	EET EDI	06/23/25 05:41
Total/NA	Analysis	8151A		1	1046003	SAK	EET EDI	06/25/25 21:25
Total/NA	Prep	3050B			1046170	FBT	EET EDI	06/26/25 07:01
Total/NA	Analysis	6020B		1	1046314	CDC	EET EDI	06/26/25 14:28
Total/NA	Prep	7471B			1046121	TJS	EET EDI	06/26/25 01:51
Total/NA	Analysis	7471B		1	1046306	LBD	EET EDI	06/26/25 11:36
Total/NA	Prep	3060A			1046251	OXG	EET EDI	06/26/25 12:20 - 06/26/25 13:20 [1]
Total/NA	Analysis	7196A		1	1046527	MNP	EET EDI	06/26/25 20:20
Total/NA	Prep	9012B			1046539	SBW	EET EDI	06/27/25 12:42
Total/NA	Analysis	9012B		1	1046661	VBG	EET EDI	06/27/25 21:56

Client Sample ID: RX-08(0-2)

Lab Sample ID: 460-328983-3

Date Collected: 06/20/25 12:35
Matrix: Solid
Date Received: 06/20/25 19:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	7196A		1	1046362	ST1	EET EDI	06/26/25 20:02
Total/NA	Analysis	Moisture		1	1045381	CJC	EET EDI	06/22/25 11:55

Client Sample ID: RX-08(0-2)

Lab Sample ID: 460-328983-3

Date Collected: 06/20/25 12:35
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 98.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1045334	YXG	EET EDI	06/21/25 19:13
Total/NA	Analysis	8260D		1	1045853	EMM	EET EDI	06/25/25 10:18
Total/NA	Prep	3546			1045347	BJB	EET EDI	06/22/25 06:35
Total/NA	Analysis	8270E		1	1045395	YAH	EET EDI	06/22/25 22:12
Total/NA	Prep	3546			1045548	OTS	EET EDI	06/23/25 10:11
Total/NA	Analysis	8081B		1	1045660	FAM	EET EDI	06/24/25 10:37
Total/NA	Prep	3546			1045547	OTS	EET EDI	06/23/25 10:07
Total/NA	Analysis	8082A		1	1045721	SAK	EET EDI	06/24/25 16:22
Total/NA	Prep	8151A			1045480	AXB	EET EDI	06/23/25 05:41
Total/NA	Analysis	8151A		1	1046003	SAK	EET EDI	06/25/25 21:41
Total/NA	Prep	3050B			1046170	FBT	EET EDI	06/26/25 07:01
Total/NA	Analysis	6020B		1	1046314	CDC	EET EDI	06/26/25 14:31
Total/NA	Prep	7471B			1046121	TJS	EET EDI	06/26/25 01:51
Total/NA	Analysis	7471B		1	1046306	LBD	EET EDI	06/26/25 11:39

Client Sample ID: RX-08(0-2)
Lab Sample ID: 460-328983-3

Date Collected: 06/20/25 12:35
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 98.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			1046251	OXG	EET EDI	06/26/25 12:20 - 06/26/25 13:20 [1]
Total/NA	Analysis	7196A		1	1046527	MNP	EET EDI	06/26/25 21:10
Total/NA	Prep	9012B			1046539	SBW	EET EDI	06/27/25 12:42
Total/NA	Analysis	9012B		1	1046661	VBG	EET EDI	06/27/25 21:57

Client Sample ID: RX-08(6-8)
Lab Sample ID: 460-328983-4

Date Collected: 06/20/25 12:45
Matrix: Solid
Date Received: 06/20/25 19:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	7196A		1	1046362	ST1	EET EDI	06/26/25 20:02
Total/NA	Analysis	Moisture		1	1045381	CJC	EET EDI	06/22/25 11:55

Client Sample ID: RX-08(6-8)
Lab Sample ID: 460-328983-4

Date Collected: 06/20/25 12:45
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1045334	YXG	EET EDI	06/21/25 19:14
Total/NA	Analysis	8260D		1	1045853	EMM	EET EDI	06/25/25 10:43
Total/NA	Prep	3546			1045347	BJB	EET EDI	06/22/25 06:35
Total/NA	Analysis	8270E		1	1045395	YAH	EET EDI	06/22/25 17:30
Total/NA	Prep	3546			1045548	OTS	EET EDI	06/23/25 10:11
Total/NA	Analysis	8081B		1	1045883	FAM	EET EDI	06/25/25 11:37
Total/NA	Prep	3546			1045547	OTS	EET EDI	06/23/25 10:07
Total/NA	Analysis	8082A		1	1045721	SAK	EET EDI	06/24/25 16:39
Total/NA	Prep	8151A			1045480	AXB	EET EDI	06/23/25 05:41
Total/NA	Analysis	8151A		1	1046003	SAK	EET EDI	06/25/25 21:58
Total/NA	Prep	3050B			1046170	FBT	EET EDI	06/26/25 07:01
Total/NA	Analysis	6020B		1	1046314	CDC	EET EDI	06/26/25 14:34
Total/NA	Prep	7471B			1046121	TJS	EET EDI	06/26/25 01:51
Total/NA	Analysis	7471B		1	1046306	LBD	EET EDI	06/26/25 11:47
Total/NA	Prep	3060A			1046251	OXG	EET EDI	06/26/25 12:20 - 06/26/25 13:20 [1]
Total/NA	Analysis	7196A		1	1046527	MNP	EET EDI	06/26/25 21:10
Total/NA	Prep	9012B			1046539	SBW	EET EDI	06/27/25 12:42
Total/NA	Analysis	9012B		1	1046661	VBG	EET EDI	06/27/25 21:59

Client Sample ID: RX-03(0-2)
Lab Sample ID: 460-328983-5

Date Collected: 06/20/25 14:35
Matrix: Solid
Date Received: 06/20/25 19:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	7196A		1	1046362	ST1	EET EDI	06/26/25 20:02
Total/NA	Analysis	Moisture		1	1045381	CJC	EET EDI	06/22/25 11:55

Client Sample ID: RX-03(0-2)

Lab Sample ID: 460-328983-5

Date Collected: 06/20/25 14:35
Date Received: 06/20/25 19:50

Matrix: Solid
Percent Solids: 98.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1045334	YXG	EET EDI	06/21/25 19:15
Total/NA	Analysis	8260D		1	1045853	EMM	EET EDI	06/25/25 11:08
Total/NA	Prep	3546			1045347	BJB	EET EDI	06/22/25 06:35
Total/NA	Analysis	8270E		1	1045395	YAH	EET EDI	06/22/25 22:47
Total/NA	Prep	3546	DL		1045347	BJB	EET EDI	06/22/25 06:35
Total/NA	Analysis	8270E	DL	5	1045478	DXD	EET EDI	06/23/25 17:59
Total/NA	Prep	3546			1045548	OTS	EET EDI	06/23/25 10:11
Total/NA	Analysis	8081B		1	1045660	FAM	EET EDI	06/24/25 11:01
Total/NA	Prep	3546			1045547	OTS	EET EDI	06/23/25 10:07
Total/NA	Analysis	8082A		1	1045721	SAK	EET EDI	06/24/25 16:55
Total/NA	Prep	8151A			1045480	AXB	EET EDI	06/23/25 05:41
Total/NA	Analysis	8151A		1	1046003	SAK	EET EDI	06/25/25 22:15
Total/NA	Prep	3050B			1046170	FBT	EET EDI	06/26/25 07:01
Total/NA	Analysis	6020B		1	1046314	CDC	EET EDI	06/26/25 14:37
Total/NA	Prep	7471B			1046121	TJS	EET EDI	06/26/25 01:51
Total/NA	Analysis	7471B		1	1046306	LBD	EET EDI	06/26/25 11:50
Total/NA	Prep	3060A			1046251	OXG	EET EDI	06/26/25 12:20 - 06/26/25 13:20 [1]
Total/NA	Analysis	7196A		1	1046527	MNP	EET EDI	06/26/25 21:10
Total/NA	Prep	9012B			1046539	SBW	EET EDI	06/27/25 12:42
Total/NA	Analysis	9012B		1	1046661	VBG	EET EDI	06/27/25 22:00

Client Sample ID: RX-03(4-6)

Lab Sample ID: 460-328983-6

Date Collected: 06/20/25 14:45
Date Received: 06/20/25 19:50

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	7196A		1	1046362	ST1	EET EDI	06/26/25 20:02
Total/NA	Analysis	Moisture		1	1045381	CJC	EET EDI	06/22/25 11:55

Client Sample ID: RX-03(4-6)

Lab Sample ID: 460-328983-6

Date Collected: 06/20/25 14:45
Date Received: 06/20/25 19:50

Matrix: Solid
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1045334	YXG	EET EDI	06/21/25 19:16
Total/NA	Analysis	8260D		1	1045853	EMM	EET EDI	06/25/25 11:32
Total/NA	Prep	3546			1045347	BJB	EET EDI	06/22/25 06:35
Total/NA	Analysis	8270E		1	1045395	YAH	EET EDI	06/22/25 20:27
Total/NA	Prep	3546			1045548	OTS	EET EDI	06/23/25 10:11
Total/NA	Analysis	8081B		1	1045883	FAM	EET EDI	06/25/25 11:50
Total/NA	Prep	3546			1045547	OTS	EET EDI	06/23/25 10:07
Total/NA	Analysis	8082A		1	1045721	SAK	EET EDI	06/24/25 17:12
Total/NA	Prep	8151A			1045480	AXB	EET EDI	06/23/25 05:41
Total/NA	Analysis	8151A		1	1046003	SAK	EET EDI	06/25/25 22:32

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328983-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-03(4-6)
Lab Sample ID: 460-328983-6

Date Collected: 06/20/25 14:45
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			1046170	FBT	EET EDI	06/26/25 07:01
Total/NA	Analysis	6020B		1	1046314	CDC	EET EDI	06/26/25 14:39
Total/NA	Prep	7471B			1046121	TJS	EET EDI	06/26/25 01:51
Total/NA	Analysis	7471B		1	1046306	LBD	EET EDI	06/26/25 11:53
Total/NA	Prep	3060A			1046251	OXG	EET EDI	06/26/25 12:20 - 06/26/25 13:20 [1]
Total/NA	Analysis	7196A		1	1046527	MNP	EET EDI	06/26/25 21:10
Total/NA	Prep	9012B			1046539	SBW	EET EDI	06/27/25 12:42
Total/NA	Analysis	9012B		1	1046661	VBG	EET EDI	06/27/25 22:01

Client Sample ID: TRIP BLANK
Lab Sample ID: 460-328983-7

Date Collected: 06/20/25 00:00
Matrix: Water
Date Received: 06/20/25 19:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1046423	CJM	EET EDI	06/27/25 10:05

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328983-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
7196A		Solid	Cr (III)
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328983-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
8151A	Herbicides (GC)	SW846	EET EDI
6020B	Metals (ICP/MS)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
7196A	Chromium, Hexavalent	SW846	EET EDI
7196A	Chromium, Trivalent (Colorimetric)	SW846	EET EDI
9012B	Cyanide, Total andor Amenable	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
3050B	Preparation, Metals	SW846	EET EDI
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI
8151A	Extraction (Herbicides)	SW846	EET EDI
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-328983-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-328983-1	RX-09(0-2)	Solid	06/20/25 09:40	06/20/25 19:50
460-328983-2	RX-09(6-8)	Solid	06/20/25 10:00	06/20/25 19:50
460-328983-3	RX-08(0-2)	Solid	06/20/25 12:35	06/20/25 19:50
460-328983-4	RX-08(6-8)	Solid	06/20/25 12:45	06/20/25 19:50
460-328983-5	RX-03(0-2)	Solid	06/20/25 14:35	06/20/25 19:50
460-328983-6	RX-03(4-6)	Solid	06/20/25 14:45	06/20/25 19:50
460-328983-7	TRIP BLANK	Water	06/20/25 00:00	06/20/25 19:50

NYC 222

Chain of Custody Record 761438

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Address: Eurofins Edison
777 New Durham Road
Edison, NJ

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-3210

Client Contact	Project Manager: MaryBeth Lyons	Site Contact: Josue Cadlo	Date: 6/20/25	COC No: 1 of 1 COCs
Company Name: ROUX	Tel/Email: mlyons@roux.com	Lab Contact:	Carrier:	Sampler:
Address: 209 Shafter St	Analysis Turnaround Time: ☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only: Walk-in Client: Lab Sampling:
City/State/Zip: Islandia / NY / 11749	TAT if different from Below: 5D			
Phone: 631 851 8490	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			Job / SDG No.
Fax:				
Project Name: 35-32 College Point Blvd Flushing, NY				
Site: 35-32 College Point Blvd, Flushing, NY				
PO#: 1633000340 01				328983

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8260 - TCL/Part 375 VOCs	8081 - TCL/Part 375 Pest, 8082A	8151A - Herbicides	8270E - TCL/Part 375 SVOCs	TI, 4+ Dx	6020B, 7471B - TAL Metals	9012B - Total CN	7196A - Hex Chrome	7196A_OC3 Tri Chrome	Sample Specific Notes:
RX-09 (0-2)	6/20/25	940	G	S	5			/	/	/	/	/	/	/	/	/	
RX-09 (6-8)		1000															
RX-08 (0-2)		1235															
RX-08 (6-8)		1245															
RX-03 (0-2)		1435															
RX-03 (4-6)		1445															
TRIP BLANK	LAB	LAB	G	W	2			/									

460-328983 Chain of Custody

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	ROUX	6/20/25		EET	6/20/25 1730
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company: EET	Date/Time: 6/20/25 1950	Received in Laboratory by:	Company: EA	Date/Time: 6/20 1950

NO OS IR#9 1.6-20

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6/30/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 328983

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.4 °C	2.0 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below*

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

**Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: MM Date: 6/20/25

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-328983-1

Login Number: 328983

List Source: Eurofins Edison

List Number: 1

Creator: Rivera, Kenneth

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. MaryBeth Lyons
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, New York 11749

Generated 6/30/2025 3:39:01 PM

JOB DESCRIPTION

35-32 College Point Blvd, Flushing, NY

JOB NUMBER

460-329046-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

Generated
6/30/2025 3:39:01 PM

Authorized for release by
Mark Acierno, Business Unit Manager
Mark.Acierno@et.eurofinsus.com
Designee for
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Definitions/Glossary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329046-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Qualifiers

LCMS

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 460-329046-1 — Eurofins Edison

Job Narrative
460-329046-1

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 6/20/2025 7:50 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C.

Method 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A
Samples RX-09(0-2)_P (460-329046-1), RX-09(6-8)_P (460-329046-2), RX-08(0-2)_P (460-329046-3), RX-08(6-8)_P (460-329046-4), RX-03(0-2)_P (460-329046-5), RX-03(4-6)_P (460-329046-6) and FB_SO_06202025_P (460-329046-7) were analyzed for Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A. The samples were prepared on 6/26/2025 and analyzed on 6/28/2025 and 6/29/2025.

Method Moisture - Percent Moisture
Samples RX-09(0-2)_P (460-329046-1), RX-09(6-8)_P (460-329046-2), RX-08(0-2)_P (460-329046-3), RX-08(6-8)_P (460-329046-4), RX-03(0-2)_P (460-329046-5) and RX-03(4-6)_P (460-329046-6) were analyzed for Percent Moisture. The samples were analyzed on 6/25/2025.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329046-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-09(0-2)_P — Lab Sample ID: 460-329046-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	0.14	J	0.20	0.049	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.16	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.074	J	0.20	0.069	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.22		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.096	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.054	J	0.20	0.049	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.51		0.20	0.11	ug/Kg	1	☼	1633A	Total/NA

Client Sample ID: RX-09(6-8)_P — Lab Sample ID: 460-329046-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanesulfonic acid (PFHxS)	0.054	J	0.19	0.049	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.32		0.19	0.11	ug/Kg	1	☼	1633A	Total/NA

Client Sample ID: RX-08(0-2)_P — Lab Sample ID: 460-329046-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	0.060	J	0.20	0.049	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.069	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.055	J	0.20	0.049	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.17	J	0.20	0.11	ug/Kg	1	☼	1633A	Total/NA

Client Sample ID: RX-08(6-8)_P — Lab Sample ID: 460-329046-4

No Detections.

Client Sample ID: RX-03(0-2)_P — Lab Sample ID: 460-329046-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.096	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.21		0.20	0.11	ug/Kg	1	☼	1633A	Total/NA

Client Sample ID: RX-03(4-6)_P — Lab Sample ID: 460-329046-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	0.16	J	0.20	0.11	ug/Kg	1	☼	1633A	Total/NA

Client Sample ID: FB_SO_06202025_P — Lab Sample ID: 460-329046-7

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329046-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-09(0-2)_P
Lab Sample ID: 460-329046-1
Date Collected: 06/20/25 09:45
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 94.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.13	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Perfluoropentanoic acid (PFPeA)	**0.14**	**J**	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Perfluorohexanoic acid (PFHxA)	**0.16**	**J**	0.20	0.059	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Perfluoroheptanoic acid (PFHpA)	**0.074**	**J**	0.20	0.069	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Perfluorooctanoic acid (PFOA)	**0.22**		0.20	0.059	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Perfluorononanoic acid (PFNA)	**0.096**	**J**	0.20	0.059	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.069	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.069	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.069	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.059	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Perfluorohexanesulfonic acid (PFHxS)	**0.054**	**J**	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.069	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Perfluorooctanesulfonic acid (PFOS)	**0.51**		0.20	0.11	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.069	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.059	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.098	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.13	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.13	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.088	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.088	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.078	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.29	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.29	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.059	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.069	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.069	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1

Client Sample ID: RX-09(0-2)_P
Lab Sample ID: 460-329046-1
Date Collected: 06/20/25 09:45
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 94.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.088	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.078	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.39	ug/Kg	☼	06/26/25 14:37	06/29/25 06:04	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*109*		*8 - 130*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
13C5 PFPeA	*119*		*35 - 130*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
13C5 PFHxA	*115*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
13C4 PFHpA	*110*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
13C8 PFOA	*107*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
13C9 PFNA	*113*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
13C6 PFDA	*114*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
13C7 PFUnA	*116*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
13C2 PFTeDA	*93.1*		*20 - 130*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
13C3 PFBS	*120*		*40 - 135*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
13C3 PFHxS	*117*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
13C8 PFOS	*123*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
13C8 FOSA	*122*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
d3-NMeFOSAA	*111*		*40 - 135*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
d5-NEtFOSAA	*109*		*40 - 150*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
13C2 4:2 FTS	*124*		*40 - 165*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
13C2 6:2 FTS	*133*		*40 - 215*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
13C2 8:2 FTS	*119*		*40 - 275*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
13C3 HFPO-DA	*111*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
d7-N-MeFOSE-M	*75.3*		*20 - 130*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
d9-N-EtFOSE-M	*75.1*		*15 - 130*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
d5-NEtPFOSA	*101*		*10 - 130*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
d3-NMePFOSA	*102*		*10 - 130*	*06/26/25 14:37*	*06/29/25 06:04*	*1*
13C2 PFDoA	*102*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.0**		1.0	1.0	%			06/25/25 13:39	1

Client Sample ID: RX-09(6-8)_P
Lab Sample ID: 460-329046-2
Date Collected: 06/20/25 10:05
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 86.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.13	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.058	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329046-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-09(6-8)_P
Date Collected: 06/20/25 10:05
Date Received: 06/20/25 19:50

Lab Sample ID: 460-329046-2
Matrix: Solid
Percent Solids: 86.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.068	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.058	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
Perfluorononanoic acid (PFNA)	0.19	U	0.19	0.058	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
Perfluorodecanoic acid (PFDA)	0.19	U	0.19	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
Perfluoroundecanoic acid (PFUnA)	0.19	U	0.19	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
Perfluorotridecanoic acid (PFTrDA)	0.19	U	0.19	0.068	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.068	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.068	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.058	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
Perfluorohexanesulfonic acid (PFHxS)	**0.054**	**J**	0.19	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.068	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
Perfluorooctanesulfonic acid (PFOS)	**0.32**		0.19	0.11	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.068	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.058	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.097	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.13	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.13	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.088	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.088	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.078	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.11	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.29	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.29	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.11	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.058	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.068	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.068	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.088	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.078	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1

Client Sample ID: RX-09(6-8)_P
Lab Sample ID: 460-329046-2
Date Collected: 06/20/25 10:05
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 86.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.39	ug/Kg	☼	06/26/25 14:37	06/29/25 06:17	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*90.1*		*8 - 130*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
13C5 PFPeA	*98.0*		*35 - 130*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
13C5 PFHxA	*91.9*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
13C4 PFHpA	*84.4*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
13C8 PFOA	*85.9*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
13C9 PFNA	*93.5*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
13C6 PFDA	*87.2*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
13C7 PFUnA	*82.9*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
13C2 PFTeDA	*65.1*		*20 - 130*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
13C3 PFBS	*89.4*		*40 - 135*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
13C3 PFHxS	*86.6*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
13C8 PFOS	*89.5*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
13C8 FOSA	*77.6*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
d3-NMeFOSAA	*78.3*		*40 - 135*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
d5-NEtFOSAA	*71.9*		*40 - 150*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
13C2 4:2 FTS	*76.8*		*40 - 165*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
13C2 6:2 FTS	*88.2*		*40 - 215*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
13C2 8:2 FTS	*77.1*		*40 - 275*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
13C3 HFPO-DA	*88.0*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
d7-N-MeFOSE-M	*45.5*		*20 - 130*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
d9-N-EtFOSE-M	*35.1*		*15 - 130*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
d5-NEtPFOSA	*68.1*		*10 - 130*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
d3-NMePFOSA	*69.9*		*10 - 130*	*06/26/25 14:37*	*06/29/25 06:17*	*1*
13C2 PFDoA	*70.6*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**14.0**		1.0	1.0	%			06/25/25 13:39	1

Client Sample ID: RX-08(0-2)_P
Lab Sample ID: 460-329046-3
Date Collected: 06/20/25 12:40
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 96.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.13	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Perfluoropentanoic acid (PFPeA)	**0.060**	**J**	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.059	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.068	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Perfluorooctanoic acid (PFOA)	**0.069**	**J**	0.20	0.059	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.059	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Perfluorodecanoic acid (PFDA)	**0.055**	**J**	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329046-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-08(0-2)_P
Lab Sample ID: 460-329046-3
Date Collected: 06/20/25 12:40
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 96.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.068	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.068	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.068	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.059	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.068	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Perfluorooctanesulfonic acid (PFOS)	**0.17**	**J**	0.20	0.11	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.068	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.059	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.098	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.13	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.13	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.088	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.088	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.078	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.29	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.29	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.059	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.068	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.068	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.088	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.078	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1

Client Sample ID: RX-08(0-2)_P
Lab Sample ID: 460-329046-3

Date Collected: 06/20/25 12:40
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 96.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.39	ug/Kg	☼	06/26/25 14:37	06/29/25 06:31	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*104*		*8 - 130*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
13C5 PFPeA	*112*		*35 - 130*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
13C5 PFHxA	*108*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
13C4 PFHpA	*103*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
13C8 PFOA	*107*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
13C9 PFNA	*111*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
13C6 PFDA	*103*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
13C7 PFUnA	*105*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
13C2 PFTeDA	*85.3*		*20 - 130*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
13C3 PFBS	*111*		*40 - 135*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
13C3 PFHxS	*109*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
13C8 PFOS	*116*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
13C8 FOSA	*108*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
d3-NMeFOSAA	*96.6*		*40 - 135*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
d5-NEtFOSAA	*97.2*		*40 - 150*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
13C2 4:2 FTS	*111*		*40 - 165*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
13C2 6:2 FTS	*117*		*40 - 215*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
13C2 8:2 FTS	*108*		*40 - 275*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
13C3 HFPO-DA	*105*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
d7-N-MeFOSE-M	*62.5*		*20 - 130*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
d9-N-EtFOSE-M	*61.9*		*15 - 130*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
d5-NEtPFOSA	*95.8*		*10 - 130*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
d3-NMePFOSA	*99.3*		*10 - 130*	*06/26/25 14:37*	*06/29/25 06:31*	*1*
13C2 PFDoA	*90.6*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.5**		1.0	1.0	%			06/25/25 13:39	1

Client Sample ID: RX-08(6-8)_P
Lab Sample ID: 460-329046-4

Date Collected: 06/20/25 12:50
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 84.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.13	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.059	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.069	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.059	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.069	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.069	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.069	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329046-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-08(6-8)_P
Lab Sample ID: 460-329046-4
Date Collected: 06/20/25 12:50
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 84.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.059	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.069	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.11	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.069	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.059	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.098	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.13	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.13	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.088	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.088	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.078	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.29	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.29	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.059	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.069	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.069	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.088	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.078	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.049	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.39	ug/Kg	☼	06/26/25 14:37	06/29/25 06:44	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*94.1*		*8 - 130*	*06/26/25 14:37*	*06/29/25 06:44*	*1*
13C5 PFPeA	*99.5*		*35 - 130*	*06/26/25 14:37*	*06/29/25 06:44*	*1*
13C5 PFHxA	*94.5*		*40 - 130*	*06/26/25 14:37*	*06/29/25 06:44*	*1*

Client Sample ID: RX-08(6-8)_P
Lab Sample ID: 460-329046-4
Date Collected: 06/20/25 12:50
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 84.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	91.2		40 - 130	06/26/25 14:37	06/29/25 06:44	1
13C8 PFOA	95.3		40 - 130	06/26/25 14:37	06/29/25 06:44	1
13C9 PFNA	102		40 - 130	06/26/25 14:37	06/29/25 06:44	1
13C6 PFDA	94.3		40 - 130	06/26/25 14:37	06/29/25 06:44	1
13C7 PFUnA	92.1		40 - 130	06/26/25 14:37	06/29/25 06:44	1
13C2 PFTeDA	71.4		20 - 130	06/26/25 14:37	06/29/25 06:44	1
13C3 PFBS	116		40 - 135	06/26/25 14:37	06/29/25 06:44	1
13C3 PFHxS	98.2		40 - 130	06/26/25 14:37	06/29/25 06:44	1
13C8 PFOS	98.3		40 - 130	06/26/25 14:37	06/29/25 06:44	1
13C8 FOSA	86.9		40 - 130	06/26/25 14:37	06/29/25 06:44	1
d3-NMeFOSAA	76.0		40 - 135	06/26/25 14:37	06/29/25 06:44	1
d5-NEtFOSAA	69.1		40 - 150	06/26/25 14:37	06/29/25 06:44	1
13C2 4:2 FTS	77.0		40 - 165	06/26/25 14:37	06/29/25 06:44	1
13C2 6:2 FTS	96.8		40 - 215	06/26/25 14:37	06/29/25 06:44	1
13C2 8:2 FTS	85.2		40 - 275	06/26/25 14:37	06/29/25 06:44	1
13C3 HFPO-DA	93.1		40 - 130	06/26/25 14:37	06/29/25 06:44	1
d7-N-MeFOSE-M	58.0		20 - 130	06/26/25 14:37	06/29/25 06:44	1
d9-N-EtFOSE-M	51.5		15 - 130	06/26/25 14:37	06/29/25 06:44	1
d5-NEtPFOSA	71.9		10 - 130	06/26/25 14:37	06/29/25 06:44	1
d3-NMePFOSA	71.6		10 - 130	06/26/25 14:37	06/29/25 06:44	1
13C2 PFDoA	78.1		40 - 130	06/26/25 14:37	06/29/25 06:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**15.6**		1.0	1.0	%			06/25/25 13:39	1

Client Sample ID: RX-03(0-2)_P
Lab Sample ID: 460-329046-5
Date Collected: 06/20/25 14:40
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 93.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.13	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.050	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Perfluorohexanoic acid (PFHxA)	**0.096**	**J**	0.20	0.060	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.070	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.060	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.050	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.050	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.050	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.070	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.070	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.070	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.060	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.050	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.070	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Perfluorooctanesulfonic acid (PFOS)	**0.21**		0.20	0.11	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329046-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-03(0-2)_P
Lab Sample ID: 460-329046-5
Date Collected: 06/20/25 14:40
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 93.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.070	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.050	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.060	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.10	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.090	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.090	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.080	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.30	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.30	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.060	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.070	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.050	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.070	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.090	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.080	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.050	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.40	ug/Kg	☼	06/26/25 14:37	06/29/25 07:25	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*82.6*		*8 - 130*	*06/26/25 14:37*	*06/29/25 07:25*	*1*
13C5 PFPeA	*89.8*		*35 - 130*	*06/26/25 14:37*	*06/29/25 07:25*	*1*
13C5 PFHxA	*85.1*		*40 - 130*	*06/26/25 14:37*	*06/29/25 07:25*	*1*
13C4 PFHpA	*86.7*		*40 - 130*	*06/26/25 14:37*	*06/29/25 07:25*	*1*
13C8 PFOA	*81.7*		*40 - 130*	*06/26/25 14:37*	*06/29/25 07:25*	*1*
13C9 PFNA	*86.0*		*40 - 130*	*06/26/25 14:37*	*06/29/25 07:25*	*1*
13C6 PFDA	*84.0*		*40 - 130*	*06/26/25 14:37*	*06/29/25 07:25*	*1*
13C7 PFUnA	*82.1*		*40 - 130*	*06/26/25 14:37*	*06/29/25 07:25*	*1*

Client Sample ID: RX-03(0-2)_P
Lab Sample ID: 460-329046-5
Date Collected: 06/20/25 14:40
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 93.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFTeDA	*67.6*		*20 - 130*	*06/26/25 14:37*	*06/29/25 07:25*	*1*
13C3 PFBS	*89.0*		*40 - 135*	*06/26/25 14:37*	*06/29/25 07:25*	*1*
13C3 PFHxS	*84.6*		*40 - 130*	*06/26/25 14:37*	*06/29/25 07:25*	*1*
13C8 PFOS	*100*		*40 - 130*	*06/26/25 14:37*	*06/29/25 07:25*	*1*
13C8 FOSA	*98.8*		*40 - 130*	*06/26/25 14:37*	*06/29/25 07:25*	*1*
d3-NMeFOSAA	*83.5*		*40 - 135*	*06/26/25 14:37*	*06/29/25 07:25*	*1*
d5-NEtFOSAA	*81.8*		*40 - 150*	*06/26/25 14:37*	*06/29/25 07:25*	*1*
13C2 4:2 FTS	*90.5*		*40 - 165*	*06/26/25 14:37*	*06/29/25 07:25*	*1*
13C2 6:2 FTS	*97.6*		*40 - 215*	*06/26/25 14:37*	*06/29/25 07:25*	*1*
13C2 8:2 FTS	*95.9*		*40 - 275*	*06/26/25 14:37*	*06/29/25 07:25*	*1*
13C3 HFPO-DA	*81.4*		*40 - 130*	*06/26/25 14:37*	*06/29/25 07:25*	*1*
d7-N-MeFOSE-M	*61.0*		*20 - 130*	*06/26/25 14:37*	*06/29/25 07:25*	*1*
d9-N-EtFOSE-M	*61.7*		*15 - 130*	*06/26/25 14:37*	*06/29/25 07:25*	*1*
d5-NEtPFOSA	*71.0*		*10 - 130*	*06/26/25 14:37*	*06/29/25 07:25*	*1*
d3-NMePFOSA	*77.9*		*10 - 130*	*06/26/25 14:37*	*06/29/25 07:25*	*1*
13C2 PFDoA	*72.3*		*40 - 130*	*06/26/25 14:37*	*06/29/25 07:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.5**		1.0	1.0	%			06/25/25 13:39	1

Client Sample ID: RX-03(4-6)_P
Lab Sample ID: 460-329046-6
Date Collected: 06/20/25 14:50
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 85.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.13	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.050	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.060	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.070	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.060	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.050	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.050	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.050	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.070	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.070	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.070	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.060	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.050	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.070	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Perfluorooctanesulfonic acid (PFOS)	**0.16**	**J**	0.20	0.11	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.070	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.050	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.060	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-329046-1

Client Sample ID: RX-03(4-6)_P
Date Collected: 06/20/25 14:50
Date Received: 06/20/25 19:50

Lab Sample ID: 460-329046-6
Matrix: Solid
Percent Solids: 85.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.10	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.13	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.090	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.090	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.080	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.0	U	1.0	0.30	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.0	U	1.0	0.30	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.060	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.070	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.050	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.070	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.090	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.080	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.050	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.0	U	1.0	0.50	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.0	U	1.0	0.40	ug/Kg	☼	06/26/25 14:37	06/29/25 07:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*90.2*		*8 - 130*	*06/26/25 14:37*	*06/29/25 07:39*	*1*
13C5 PFPeA	*99.9*		*35 - 130*	*06/26/25 14:37*	*06/29/25 07:39*	*1*
13C5 PFHxA	*94.6*		*40 - 130*	*06/26/25 14:37*	*06/29/25 07:39*	*1*
13C4 PFHpA	*91.3*		*40 - 130*	*06/26/25 14:37*	*06/29/25 07:39*	*1*
13C8 PFOA	*90.6*		*40 - 130*	*06/26/25 14:37*	*06/29/25 07:39*	*1*
13C9 PFNA	*96.2*		*40 - 130*	*06/26/25 14:37*	*06/29/25 07:39*	*1*
13C6 PFDA	*95.8*		*40 - 130*	*06/26/25 14:37*	*06/29/25 07:39*	*1*
13C7 PFUnA	*93.4*		*40 - 130*	*06/26/25 14:37*	*06/29/25 07:39*	*1*
13C2 PFTeDA	*67.9*		*20 - 130*	*06/26/25 14:37*	*06/29/25 07:39*	*1*
13C3 PFBS	*93.3*		*40 - 135*	*06/26/25 14:37*	*06/29/25 07:39*	*1*
13C3 PFHxS	*95.9*		*40 - 130*	*06/26/25 14:37*	*06/29/25 07:39*	*1*
13C8 PFOS	*100*		*40 - 130*	*06/26/25 14:37*	*06/29/25 07:39*	*1*

Client Sample ID: RX-03(4-6)_P
Lab Sample ID: 460-329046-6
Date Collected: 06/20/25 14:50
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 85.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 FOSA	86.6		40 - 130	06/26/25 14:37	06/29/25 07:39	1
d3-NMeFOSAA	85.0		40 - 135	06/26/25 14:37	06/29/25 07:39	1
d5-NEtFOSAA	81.9		40 - 150	06/26/25 14:37	06/29/25 07:39	1
13C2 4:2 FTS	93.4		40 - 165	06/26/25 14:37	06/29/25 07:39	1
13C2 6:2 FTS	102		40 - 215	06/26/25 14:37	06/29/25 07:39	1
13C2 8:2 FTS	88.1		40 - 275	06/26/25 14:37	06/29/25 07:39	1
13C3 HFPO-DA	90.1		40 - 130	06/26/25 14:37	06/29/25 07:39	1
d7-N-MeFOSE-M	39.5		20 - 130	06/26/25 14:37	06/29/25 07:39	1
d9-N-EtFOSE-M	32.3		15 - 130	06/26/25 14:37	06/29/25 07:39	1
d5-NEtPFOSA	71.7		10 - 130	06/26/25 14:37	06/29/25 07:39	1
d3-NMePFOSA	72.9		10 - 130	06/26/25 14:37	06/29/25 07:39	1
13C2 PFDoA	75.9		40 - 130	06/26/25 14:37	06/29/25 07:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.7		1.0	1.0	%			06/25/25 13:39	1

Client Sample ID: FB_SO_06202025_P
Lab Sample ID: 460-329046-7
Date Collected: 06/20/25 15:30
Matrix: Water
Date Received: 06/20/25 19:50

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.02	U	3.02	0.83	ng/L		06/26/25 05:26	06/28/25 20:40	1
Perfluoropentanoic acid (PFPeA)	1.51	U	1.51	0.45	ng/L		06/26/25 05:26	06/28/25 20:40	1
Perfluorohexanoic acid (PFHxA)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
Perfluoroheptanoic acid (PFHpA)	1.51	U	1.51	0.60	ng/L		06/26/25 05:26	06/28/25 20:40	1
Perfluorooctanoic acid (PFOA)	1.51	U	1.51	0.68	ng/L		06/26/25 05:26	06/28/25 20:40	1
Perfluorononanoic acid (PFNA)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
Perfluorodecanoic acid (PFDA)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
Perfluoroundecanoic acid (PFUnA)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
Perfluorododecanoic acid (PFDoA)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
Perfluorotridecanoic acid (PFTrDA)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
Perfluorotetradecanoic acid (PFTeDA)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
Perfluorobutanesulfonic acid (PFBS)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
Perfluoropentanesulfonic acid (PFPeS)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
Perfluorohexanesulfonic acid (PFHxS)	1.51	U	1.51	0.60	ng/L		06/26/25 05:26	06/28/25 20:40	1
Perfluoroheptanesulfonic acid (PFHpS)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
Perfluorooctanesulfonic acid (PFOS)	1.51	U	1.51	0.98	ng/L		06/26/25 05:26	06/28/25 20:40	1
Perfluorononanesulfonic acid (PFNS)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
Perfluorodecanesulfonic acid (PFDS)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
Perfluorododecanesulfonic acid (PFDoS)	1.51	U	1.51	0.45	ng/L		06/26/25 05:26	06/28/25 20:40	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.02	U	3.02	0.76	ng/L		06/26/25 05:26	06/28/25 20:40	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.02	U	3.02	0.76	ng/L		06/26/25 05:26	06/28/25 20:40	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.02	U	3.02	0.76	ng/L		06/26/25 05:26	06/28/25 20:40	1
Perfluorooctanesulfonamide (PFOSA)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329046-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: FB_SO_06202025_P
Lab Sample ID: 460-329046-7
Date Collected: 06/20/25 15:30
Matrix: Water
Date Received: 06/20/25 19:50

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	7.56	U	7.56	1.89	ng/L		06/26/25 05:26	06/28/25 20:40	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	7.56	U	7.56	3.02	ng/L		06/26/25 05:26	06/28/25 20:40	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.51	U	1.51	1.06	ng/L		06/26/25 05:26	06/28/25 20:40	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.51	U	1.51	0.38	ng/L		06/26/25 05:26	06/28/25 20:40	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.02	U	3.02	0.76	ng/L		06/26/25 05:26	06/28/25 20:40	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	7.56	U	7.56	2.12	ng/L		06/26/25 05:26	06/28/25 20:40	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	7.56	U	7.56	1.89	ng/L		06/26/25 05:26	06/28/25 20:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*124*		*5 - 130*	*06/26/25 05:26*	*06/28/25 20:40*	*1*
13C5 PFPeA	*118*		*40 - 130*	*06/26/25 05:26*	*06/28/25 20:40*	*1*
13C5 PFHxA	*118*		*40 - 130*	*06/26/25 05:26*	*06/28/25 20:40*	*1*
13C4 PFHpA	*126*		*40 - 130*	*06/26/25 05:26*	*06/28/25 20:40*	*1*
13C8 PFOA	*109*		*40 - 130*	*06/26/25 05:26*	*06/28/25 20:40*	*1*
13C9 PFNA	*111*		*40 - 130*	*06/26/25 05:26*	*06/28/25 20:40*	*1*
13C6 PFDA	*114*		*40 - 130*	*06/26/25 05:26*	*06/28/25 20:40*	*1*
13C7 PFUnA	*118*		*30 - 130*	*06/26/25 05:26*	*06/28/25 20:40*	*1*
13C2 PFTeDA	*113*		*10 - 130*	*06/26/25 05:26*	*06/28/25 20:40*	*1*
13C3 PFBS	*117*		*40 - 135*	*06/26/25 05:26*	*06/28/25 20:40*	*1*
13C3 PFHxS	*110*		*40 - 130*	*06/26/25 05:26*	*06/28/25 20:40*	*1*
13C8 PFOS	*106*		*40 - 130*	*06/26/25 05:26*	*06/28/25 20:40*	*1*
13C8 FOSA	*94.8*		*40 - 130*	*06/26/25 05:26*	*06/28/25 20:40*	*1*
d3-NMeFOSAA	*102*		*40 - 170*	*06/26/25 05:26*	*06/28/25 20:40*	*1*
d5-NEtFOSAA	*99.9*		*25 - 135*	*06/26/25 05:26*	*06/28/25 20:40*	*1*
13C2 4:2 FTS	*114*		*40 - 200*	*06/26/25 05:26*	*06/28/25 20:40*	*1*
13C2 6:2 FTS	*111*		*40 - 200*	*06/26/25 05:26*	*06/28/25 20:40*	*1*
13C2 8:2 FTS	*92.0*		*40 - 300*	*06/26/25 05:26*	*06/28/25 20:40*	*1*

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329046-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: FB_SO_06202025_P
Lab Sample ID: 460-329046-7
Date Collected: 06/20/25 15:30
Matrix: Water
Date Received: 06/20/25 19:50

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	97.7		40 - 130	06/26/25 05:26	06/28/25 20:40	1
d7-N-MeFOSE-M	86.8		10 - 130	06/26/25 05:26	06/28/25 20:40	1
d9-N-EtFOSE-M	81.0		10 - 130	06/26/25 05:26	06/28/25 20:40	1
d5-NEtPFOSA	88.8		10 - 130	06/26/25 05:26	06/28/25 20:40	1
d3-NMePFOSA	84.9		10 - 130	06/26/25 05:26	06/28/25 20:40	1
13C2 PFDoA	116		10 - 130	06/26/25 05:26	06/28/25 20:40	1

Isotope Dilution Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329046-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (8-130)	PFPeA (35-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (40-130)
460-329046-1	RX-09(0-2)_P	109	119	115	110	107	113	114	116
460-329046-2	RX-09(6-8)_P	90.1	98.0	91.9	84.4	85.9	93.5	87.2	82.9
460-329046-3	RX-08(0-2)_P	104	112	108	103	107	111	103	105
460-329046-4	RX-08(6-8)_P	94.1	99.5	94.5	91.2	95.3	102	94.3	92.1
460-329046-5	RX-03(0-2)_P	82.6	89.8	85.1	86.7	81.7	86.0	84.0	82.1
460-329046-6	RX-03(4-6)_P	90.2	99.9	94.6	91.3	90.6	96.2	95.8	93.4
480-230382-A-3-C MS	Matrix Spike	88.2	94.3	91.0	83.9	87.9	88.7	83.0	76.3
480-230382-A-3-D MSD	Matrix Spike Duplicate	90.1	91.1	88.9	81.3	82.8	87.4	81.4	78.2
LCS 410-663430/2-A	Lab Control Sample	97.7	107	105	95.9	89.5	97.1	86.0	79.6
LLCS 410-663430/3-A	Lab Control Sample	101	119	116	108	96.5	103	91.3	87.0
MB 410-663430/1-A	Method Blank	112	120	117	112	112	107	97.0	91.7

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (20-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)	M242FTS (40-165)
460-329046-1	RX-09(0-2)_P	93.1	120	117	123	122	111	109	124
460-329046-2	RX-09(6-8)_P	65.1	89.4	86.6	89.5	77.6	78.3	71.9	76.8
460-329046-3	RX-08(0-2)_P	85.3	111	109	116	108	96.6	97.2	111
460-329046-4	RX-08(6-8)_P	71.4	116	98.2	98.3	86.9	76.0	69.1	77.0
460-329046-5	RX-03(0-2)_P	67.6	89.0	84.6	100	98.8	83.5	81.8	90.5
460-329046-6	RX-03(4-6)_P	67.9	93.3	95.9	100	86.6	85.0	81.9	93.4
480-230382-A-3-C MS	Matrix Spike	66.8	89.5	87.1	85.9	75.9	72.6	68.6	83.8
480-230382-A-3-D MSD	Matrix Spike Duplicate	69.0	85.3	86.0	89.4	65.2	67.3	64.1	78.2
LCS 410-663430/2-A	Lab Control Sample	51.3	97.8	90.3	94.3	83.8	71.4	65.4	98.3
LLCS 410-663430/3-A	Lab Control Sample	51.8	103	96.6	94.8	83.3	76.2	69.0	100
MB 410-663430/1-A	Method Blank	57.8	116	106	95.1	93.1	82.6	74.5	111

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (40-130)
460-329046-1	RX-09(0-2)_P	133	119	111	75.3	75.1	101	102	102
460-329046-2	RX-09(6-8)_P	88.2	77.1	88.0	45.5	35.1	68.1	69.9	70.6
460-329046-3	RX-08(0-2)_P	117	108	105	62.5	61.9	95.8	99.3	90.6
460-329046-4	RX-08(6-8)_P	96.8	85.2	93.1	58.0	51.5	71.9	71.6	78.1
460-329046-5	RX-03(0-2)_P	97.6	95.9	81.4	61.0	61.7	71.0	77.9	72.3
460-329046-6	RX-03(4-6)_P	102	88.1	90.1	39.5	32.3	71.7	72.9	75.9
480-230382-A-3-C MS	Matrix Spike	86.6	74.3	85.8	49.8	48.2	56.7	61.5	71.0
480-230382-A-3-D MSD	Matrix Spike Duplicate	78.5	68.7	82.0	44.9	47.7	51.0	53.3	69.5
LCS 410-663430/2-A	Lab Control Sample	102	81.8	97.9	42.8	35.3	60.6	66.6	64.6
LLCS 410-663430/3-A	Lab Control Sample	108	85.8	109	39.5	31.0	54.2	57.8	68.2
MB 410-663430/1-A	Method Blank	116	96.1	105	60.3	52.9	60.5	70.0	75.2

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA

PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(5-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(30-130)
460-329046-7	FB_SO_06202025_P	124	118	118	126	109	111	114	118
LB 410-661274/1-C	Method Blank	97.8	94.2	95.6	90.5	89.6	86.7	88.7	89.9
LCS 410-663057/9-A	Lab Control Sample	119	110	110	103	107	107	109	110
LLCS 410-663057/10-A	Lab Control Sample	125	128	126	119	112	117	110	108
MB 410-663057/8-A	Method Blank	115	112	108	107	103	107	109	106

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(10-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-170)	(25-135)	(40-200)
460-329046-7	FB_SO_06202025_P	113	117	110	106	94.8	102	99.9	114
LB 410-661274/1-C	Method Blank	86.8	97.3	92.3	90.5	78.8	83.7	83.7	104
LCS 410-663057/9-A	Lab Control Sample	89.0	118	110	107	93.1	97.7	100	120
LLCS 410-663057/10-A	Lab Control Sample	68.6	123	115	107	85.8	104	105	129
MB 410-663057/8-A	Method Blank	95.9	111	104	103	89.2	99.5	94.6	109

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-200)	(40-300)	(40-130)	(10-130)	(10-130)	(10-130)	(10-130)	(10-130)
460-329046-7	FB_SO_06202025_P	111	92.0	97.7	86.8	81.0	88.8	84.9	116
LB 410-661274/1-C	Method Blank	89.5	85.1	74.5	77.2	71.0	77.5	75.1	89.8
LCS 410-663057/9-A	Lab Control Sample	108	95.8	91.0	86.4	78.5	84.6	81.8	106
LLCS 410-663057/10-A	Lab Control Sample	112	101	103	90.2	82.1	80.2	77.6	100
MB 410-663057/8-A	Method Blank	110	96.7	92.1	85.5	81.5	88.1	87.8	107

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS

C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Water **Prep Type: SPLP East**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(5-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(30-130)
480-230382-B-3-H MS	Matrix Spike	97.3	101	92.6	87.5	93.6	96.0	95.3	98.4
480-230382-B-3-I MSD	Matrix Spike Duplicate	110	107	104	101	96.9	104	102	99.9

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(10-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-170)	(25-135)	(40-200)
480-230382-B-3-H MS	Matrix Spike	98.6	103	93.8	99.2	82.2	99.7	92.7	99.1
480-230382-B-3-I MSD	Matrix Spike Duplicate	92.4	113	102	101	80.9	96.1	92.5	113

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-200)	(40-300)	(40-130)	(10-130)	(10-130)	(10-130)	(10-130)	(10-130)
480-230382-B-3-H MS	Matrix Spike	94.5	93.4	80.3	94.4	89.6	80.5	76.3	103
480-230382-B-3-I MSD	Matrix Spike Duplicate	106	89.6	86.2	81.4	73.8	76.6	75.6	100

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M

Isotope Dilution Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329046-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: LB 410-661274/1-C
Matrix: Water
Analysis Batch: 664231

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 663057

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.64	U	3.64	1.00	ng/L		06/26/25 05:26	06/28/25 20:13	1
Perfluoropentanoic acid (PFPeA)	1.82	U	1.82	0.55	ng/L		06/26/25 05:26	06/28/25 20:13	1
Perfluorohexanoic acid (PFHxA)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
Perfluoroheptanoic acid (PFHpA)	1.82	U	1.82	0.73	ng/L		06/26/25 05:26	06/28/25 20:13	1
Perfluorooctanoic acid (PFOA)	1.82	U	1.82	0.82	ng/L		06/26/25 05:26	06/28/25 20:13	1
Perfluorononanoic acid (PFNA)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
Perfluorodecanoic acid (PFDA)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
Perfluoroundecanoic acid (PFUnA)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
Perfluorododecanoic acid (PFDoA)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
Perfluorotridecanoic acid (PFTrDA)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
Perfluorotetradecanoic acid (PFTeDA)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
Perfluorobutanesulfonic acid (PFBS)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
Perfluoropentanesulfonic acid (PFPeS)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
Perfluorohexanesulfonic acid (PFHxS)	1.82	U	1.82	0.73	ng/L		06/26/25 05:26	06/28/25 20:13	1
Perfluoroheptanesulfonic acid (PFHpS)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
Perfluorooctanesulfonic acid (PFOS)	1.82	U	1.82	1.18	ng/L		06/26/25 05:26	06/28/25 20:13	1
Perfluorononanesulfonic acid (PFNS)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
Perfluorodecanesulfonic acid (PFDS)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
Perfluorododecanesulfonic acid (PFDoS)	1.82	U	1.82	0.55	ng/L		06/26/25 05:26	06/28/25 20:13	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.64	U	3.64	0.91	ng/L		06/26/25 05:26	06/28/25 20:13	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.64	U	3.64	0.91	ng/L		06/26/25 05:26	06/28/25 20:13	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.64	U	3.64	0.91	ng/L		06/26/25 05:26	06/28/25 20:13	1
Perfluorooctanesulfonamide (PFOSA)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	9.11	U	9.11	2.28	ng/L		06/26/25 05:26	06/28/25 20:13	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	9.11	U	9.11	3.64	ng/L		06/26/25 05:26	06/28/25 20:13	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.82	U	1.82	1.28	ng/L		06/26/25 05:26	06/28/25 20:13	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LB 410-661274/1-C
Matrix: Water
Analysis Batch: 664231

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 663057

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.82	U	1.82	0.46	ng/L		06/26/25 05:26	06/28/25 20:13	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.64	U	3.64	0.91	ng/L		06/26/25 05:26	06/28/25 20:13	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	9.11	U	9.11	2.55	ng/L		06/26/25 05:26	06/28/25 20:13	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	9.11	U	9.11	2.28	ng/L		06/26/25 05:26	06/28/25 20:13	1

Isotope Dilution	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*97.8*		*5 - 130*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
13C5 PFPeA	*94.2*		*40 - 130*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
13C5 PFHxA	*95.6*		*40 - 130*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
13C4 PFHpA	*90.5*		*40 - 130*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
13C8 PFOA	*89.6*		*40 - 130*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
13C9 PFNA	*86.7*		*40 - 130*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
13C6 PFDA	*88.7*		*40 - 130*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
13C7 PFUnA	*89.9*		*30 - 130*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
13C2 PFTeDA	*86.8*		*10 - 130*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
13C3 PFBS	*97.3*		*40 - 135*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
13C3 PFHxS	*92.3*		*40 - 130*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
13C8 PFOS	*90.5*		*40 - 130*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
13C8 FOSA	*78.8*		*40 - 130*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
d3-NMeFOSAA	*83.7*		*40 - 170*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
d5-NEtFOSAA	*83.7*		*25 - 135*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
13C2 4:2 FTS	*104*		*40 - 200*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
13C2 6:2 FTS	*89.5*		*40 - 200*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
13C2 8:2 FTS	*85.1*		*40 - 300*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
13C3 HFPO-DA	*74.5*		*40 - 130*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
d7-N-MeFOSE-M	*77.2*		*10 - 130*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
d9-N-EtFOSE-M	*71.0*		*10 - 130*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
d5-NEtPFOSA	*77.5*		*10 - 130*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
d3-NMePFOSA	*75.1*		*10 - 130*	*06/26/25 05:26*	*06/28/25 20:13*	*1*
13C2 PFDoA	*89.8*		*10 - 130*	*06/26/25 05:26*	*06/28/25 20:13*	*1*

Lab Sample ID: MB 410-663057/8-A
Matrix: Water
Analysis Batch: 664231

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 663057

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.00	U	4.00	1.10	ng/L		06/26/25 05:26	06/28/25 19:32	1
Perfluoropentanoic acid (PFPeA)	2.00	U	2.00	0.60	ng/L		06/26/25 05:26	06/28/25 19:32	1
Perfluorohexanoic acid (PFHxA)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
Perfluoroheptanoic acid (PFHpA)	2.00	U	2.00	0.80	ng/L		06/26/25 05:26	06/28/25 19:32	1
Perfluorooctanoic acid (PFOA)	2.00	U	2.00	0.90	ng/L		06/26/25 05:26	06/28/25 19:32	1
Perfluorononanoic acid (PFNA)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
Perfluorodecanoic acid (PFDA)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
Perfluoroundecanoic acid (PFUnA)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-663057/8-A
Matrix: Water
Analysis Batch: 664231

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 663057

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanoic acid (PFDoA)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
Perfluorotridecanoic acid (PFTrDA)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
Perfluorotetradecanoic acid (PFTeDA)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
Perfluorobutanesulfonic acid (PFBS)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
Perfluoropentanesulfonic acid (PFPeS)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
Perfluorohexanesulfonic acid (PFHxS)	2.00	U	2.00	0.80	ng/L		06/26/25 05:26	06/28/25 19:32	1
Perfluoroheptanesulfonic acid (PFHpS)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
Perfluorooctanesulfonic acid (PFOS)	2.00	U	2.00	1.30	ng/L		06/26/25 05:26	06/28/25 19:32	1
Perfluorononanesulfonic acid (PFNS)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
Perfluorodecanesulfonic acid (PFDS)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
Perfluorododecanesulfonic acid (PFDoS)	2.00	U	2.00	0.60	ng/L		06/26/25 05:26	06/28/25 19:32	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.00	U	4.00	1.00	ng/L		06/26/25 05:26	06/28/25 19:32	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.00	U	4.00	1.00	ng/L		06/26/25 05:26	06/28/25 19:32	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.00	U	4.00	1.00	ng/L		06/26/25 05:26	06/28/25 19:32	1
Perfluorooctanesulfonamide (PFOSA)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	10.0	U	10.0	2.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	10.0	U	10.0	4.00	ng/L		06/26/25 05:26	06/28/25 19:32	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	U	2.00	1.40	ng/L		06/26/25 05:26	06/28/25 19:32	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.00	U	2.00	0.50	ng/L		06/26/25 05:26	06/28/25 19:32	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	4.00	U	4.00	1.00	ng/L		06/26/25 05:26	06/28/25 19:32	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	10.0	U	10.0	2.80	ng/L		06/26/25 05:26	06/28/25 19:32	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-663057/8-A
Matrix: Water
Analysis Batch: 664231

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 663057

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	10.0	U	10.0	2.50	ng/L		06/26/25 05:26	06/28/25 19:32	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*115*		*5 - 130*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
13C5 PFPeA	*112*		*40 - 130*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
13C5 PFHxA	*108*		*40 - 130*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
13C4 PFHpA	*107*		*40 - 130*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
13C8 PFOA	*103*		*40 - 130*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
13C9 PFNA	*107*		*40 - 130*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
13C6 PFDA	*109*		*40 - 130*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
13C7 PFUnA	*106*		*30 - 130*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
13C2 PFTeDA	*95.9*		*10 - 130*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
13C3 PFBS	*111*		*40 - 135*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
13C3 PFHxS	*104*		*40 - 130*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
13C8 PFOS	*103*		*40 - 130*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
13C8 FOSA	*89.2*		*40 - 130*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
d3-NMeFOSAA	*99.5*		*40 - 170*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
d5-NEtFOSAA	*94.6*		*25 - 135*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
13C2 4:2 FTS	*109*		*40 - 200*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
13C2 6:2 FTS	*110*		*40 - 200*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
13C2 8:2 FTS	*96.7*		*40 - 300*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
13C3 HFPO-DA	*92.1*		*40 - 130*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
d7-N-MeFOSE-M	*85.5*		*10 - 130*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
d9-N-EtFOSE-M	*81.5*		*10 - 130*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
d5-NEtPFOSA	*88.1*		*10 - 130*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
d3-NMePFOSA	*87.8*		*10 - 130*	*06/26/25 05:26*	*06/28/25 19:32*	*1*
13C2 PFDoA	*107*		*10 - 130*	*06/26/25 05:26*	*06/28/25 19:32*	*1*

Lab Sample ID: LCS 410-663057/9-A
Matrix: Water
Analysis Batch: 664231

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 663057

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	80.0	74.05		ng/L		93	70 - 140
Perfluoropentanoic acid (PFPeA)	40.0	32.59		ng/L		81	65 - 135
Perfluorohexanoic acid (PFHxA)	40.0	35.33		ng/L		88	70 - 145
Perfluoroheptanoic acid (PFHpA)	40.0	38.81		ng/L		97	70 - 150
Perfluorooctanoic acid (PFOA)	40.0	34.42		ng/L		86	70 - 150
Perfluorononanoic acid (PFNA)	40.0	37.24		ng/L		93	70 - 150
Perfluorodecanoic acid (PFDA)	40.0	34.58		ng/L		86	70 - 140
Perfluoroundecanoic acid (PFUnA)	40.0	36.18		ng/L		90	70 - 145
Perfluorododecanoic acid (PFDoA)	40.0	37.14		ng/L		93	70 - 140
Perfluorotridecanoic acid (PFTrDA)	40.0	35.27		ng/L		88	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	40.0	34.85		ng/L		87	60 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-663057/9-A
Matrix: Water
Analysis Batch: 664231

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 663057

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanesulfonic acid (PFBS)	35.5	32.12		ng/L		90	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	37.6	36.92		ng/L		98	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	36.5	36.22		ng/L		99	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	38.2	38.19		ng/L		100	70 - 150
Perfluorooctanesulfonic acid (PFOS)	37.2	32.97		ng/L		89	55 - 150
Perfluorononanesulfonic acid (PFNS)	38.5	35.11		ng/L		91	65 - 145
Perfluorodecanesulfonic acid (PFDS)	38.6	35.94		ng/L		93	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	38.8	27.07		ng/L		70	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	68.60		ng/L		91	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	75.06		ng/L		99	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	75.56		ng/L		98	60 - 150
Perfluorooctanesulfonamide (PFOSA)	40.0	41.37		ng/L		103	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	42.16		ng/L		105	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	37.86		ng/L		95	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	38.45		ng/L		96	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	36.07		ng/L		90	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	196.7		ng/L		98	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	197.2		ng/L		99	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.0	29.22		ng/L		97	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	43.20		ng/L		114	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	36.30		ng/L		91	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	34.86		ng/L		87	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	40.0	31.54		ng/L		79	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	37.4	37.87		ng/L		101	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	37.8	34.27		ng/L		91	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	35.7	32.29		ng/L		91	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	80.0	65.47		ng/L		82	65 - 130

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-663057/9-A
Matrix: Water
Analysis Batch: 664231

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 663057

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3-Perfluoropentylpropanoic acid (5:3 FTCA)	200	163.1		ng/L		82	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	200	145.8		ng/L		73	50 - 145

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*119*		*5 - 130*
13C5 PFPeA	*110*		*40 - 130*
13C5 PFHxA	*110*		*40 - 130*
13C4 PFHpA	*103*		*40 - 130*
13C8 PFOA	*107*		*40 - 130*
13C9 PFNA	*107*		*40 - 130*
13C6 PFDA	*109*		*40 - 130*
13C7 PFUnA	*110*		*30 - 130*
13C2 PFTeDA	*89.0*		*10 - 130*
13C3 PFBS	*118*		*40 - 135*
13C3 PFHxS	*110*		*40 - 130*
13C8 PFOS	*107*		*40 - 130*
13C8 FOSA	*93.1*		*40 - 130*
d3-NMeFOSAA	*97.7*		*40 - 170*
d5-NEtFOSAA	*100*		*25 - 135*
13C2 4:2 FTS	*120*		*40 - 200*
13C2 6:2 FTS	*108*		*40 - 200*
13C2 8:2 FTS	*95.8*		*40 - 300*
13C3 HFPO-DA	*91.0*		*40 - 130*
d7-N-MeFOSE-M	*86.4*		*10 - 130*
d9-N-EtFOSE-M	*78.5*		*10 - 130*
d5-NEtPFOSA	*84.6*		*10 - 130*
d3-NMePFOSA	*81.8*		*10 - 130*
13C2 PFDoA	*106*		*10 - 130*

Lab Sample ID: LLCS 410-663057/10-A
Matrix: Water
Analysis Batch: 664806

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 663057

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	8.00	6.592		ng/L		82	70 - 140
Perfluoropentanoic acid (PFPeA)	4.00	2.597		ng/L		65	65 - 135
Perfluorohexanoic acid (PFHxA)	4.00	3.342		ng/L		84	70 - 145
Perfluoroheptanoic acid (PFHpA)	4.00	3.201		ng/L		80	70 - 150
Perfluorooctanoic acid (PFOA)	4.00	3.167		ng/L		79	70 - 150
Perfluorononanoic acid (PFNA)	4.00	3.426		ng/L		86	70 - 150
Perfluorodecanoic acid (PFDA)	4.00	3.056		ng/L		76	70 - 140
Perfluoroundecanoic acid (PFUnA)	4.00	3.473		ng/L		87	70 - 145
Perfluorododecanoic acid (PFDoA)	4.00	3.317		ng/L		83	70 - 140
Perfluorotridecanoic acid (PFTrDA)	4.00	2.952		ng/L		74	65 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-663057/10-A
Matrix: Water
Analysis Batch: 664806

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 663057

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorotetradecanoic acid (PFTeDA)	4.00	3.144		ng/L		79	60 - 140
Perfluorobutanesulfonic acid (PFBS)	3.55	2.957		ng/L		83	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	3.76	3.655		ng/L		97	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	3.65	3.633		ng/L		100	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	3.82	2.960		ng/L		78	70 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	3.243		ng/L		87	55 - 150
Perfluorononanesulfonic acid (PFNS)	3.85	2.986		ng/L		78	65 - 145
Perfluorodecanesulfonic acid (PFDS)	3.86	2.842		ng/L		74	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	3.88	1.990	J	ng/L		51	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	7.50	6.614		ng/L		88	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	7.62	7.068		ng/L		93	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	7.68	7.018		ng/L		91	60 - 150
Perfluorooctanesulfonamide (PFOSA)	4.00	3.821		ng/L		96	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	4.00	3.226		ng/L		81	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	4.00	3.469		ng/L		87	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.00	3.319		ng/L		83	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.00	3.400		ng/L		85	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	19.77		ng/L		99	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	18.82		ng/L		94	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	3.00	2.693		ng/L		90	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	3.78	3.635		ng/L		96	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.00	2.637		ng/L		66	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.00	3.117		ng/L		78	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.00	2.696		ng/L		67	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	3.74	2.937		ng/L		79	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	3.78	2.622		ng/L		69	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	3.57	2.638		ng/L		74	70 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-663057/10-A
Matrix: Water
Analysis Batch: 664806

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 663057

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
3-Perfluoropropylpropanoic acid (3:3 FTCA)	8.00	5.522		ng/L		69	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	20.0	14.81		ng/L		74	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	20.0	12.13		ng/L		61	50 - 145

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*125*		*5 - 130*
13C5 PFPeA	*128*		*40 - 130*
13C5 PFHxA	*126*		*40 - 130*
13C4 PFHpA	*119*		*40 - 130*
13C8 PFOA	*112*		*40 - 130*
13C9 PFNA	*117*		*40 - 130*
13C6 PFDA	*110*		*40 - 130*
13C7 PFUnA	*108*		*30 - 130*
13C2 PFTeDA	*68.6*		*10 - 130*
13C3 PFBS	*123*		*40 - 135*
13C3 PFHxS	*115*		*40 - 130*
13C8 PFOS	*107*		*40 - 130*
13C8 FOSA	*85.8*		*40 - 130*
d3-NMeFOSAA	*104*		*40 - 170*
d5-NEtFOSAA	*105*		*25 - 135*
13C2 4:2 FTS	*129*		*40 - 200*
13C2 6:2 FTS	*112*		*40 - 200*
13C2 8:2 FTS	*101*		*40 - 300*
13C3 HFPO-DA	*103*		*40 - 130*
d7-N-MeFOSE-M	*90.2*		*10 - 130*
d9-N-EtFOSE-M	*82.1*		*10 - 130*
d5-NEtPFOSA	*80.2*		*10 - 130*
d3-NMePFOSA	*77.6*		*10 - 130*
13C2 PFDoA	*100*		*10 - 130*

Lab Sample ID: MB 410-663430/1-A
Matrix: Solid
Analysis Batch: 664449

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 663430

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.13	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.050	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.060	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.070	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.060	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.050	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.050	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.050	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.070	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.070	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.070	ug/Kg		06/26/25 14:37	06/29/25 05:23	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-663430/1-A
Matrix: Solid
Analysis Batch: 664449

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 663430

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.060	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.050	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.070	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.11	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.070	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.050	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.060	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.10	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.13	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.13	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.090	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.090	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.080	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.11	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.30	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.30	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.11	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.060	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.070	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.050	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.070	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.090	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.080	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.050	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		06/26/25 14:37	06/29/25 05:23	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.40	ug/Kg		06/26/25 14:37	06/29/25 05:23	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*112*		*8 - 130*	*06/26/25 14:37*	*06/29/25 05:23*	*1*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-663430/1-A
Matrix: Solid
Analysis Batch: 664449

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 663430

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFPeA	120		35 - 130	06/26/25 14:37	06/29/25 05:23	1
13C5 PFHxA	117		40 - 130	06/26/25 14:37	06/29/25 05:23	1
13C4 PFHpA	112		40 - 130	06/26/25 14:37	06/29/25 05:23	1
13C8 PFOA	112		40 - 130	06/26/25 14:37	06/29/25 05:23	1
13C9 PFNA	107		40 - 130	06/26/25 14:37	06/29/25 05:23	1
13C6 PFDA	97.0		40 - 130	06/26/25 14:37	06/29/25 05:23	1
13C7 PFUnA	91.7		40 - 130	06/26/25 14:37	06/29/25 05:23	1
13C2 PFTeDA	57.8		20 - 130	06/26/25 14:37	06/29/25 05:23	1
13C3 PFBS	116		40 - 135	06/26/25 14:37	06/29/25 05:23	1
13C3 PFHxS	106		40 - 130	06/26/25 14:37	06/29/25 05:23	1
13C8 PFOS	95.1		40 - 130	06/26/25 14:37	06/29/25 05:23	1
13C8 FOSA	93.1		40 - 130	06/26/25 14:37	06/29/25 05:23	1
d3-NMeFOSAA	82.6		40 - 135	06/26/25 14:37	06/29/25 05:23	1
d5-NEtFOSAA	74.5		40 - 150	06/26/25 14:37	06/29/25 05:23	1
13C2 4:2 FTS	111		40 - 165	06/26/25 14:37	06/29/25 05:23	1
13C2 6:2 FTS	116		40 - 215	06/26/25 14:37	06/29/25 05:23	1
13C2 8:2 FTS	96.1		40 - 275	06/26/25 14:37	06/29/25 05:23	1
13C3 HFPO-DA	105		40 - 130	06/26/25 14:37	06/29/25 05:23	1
d7-N-MeFOSE-M	60.3		20 - 130	06/26/25 14:37	06/29/25 05:23	1
d9-N-EtFOSE-M	52.9		15 - 130	06/26/25 14:37	06/29/25 05:23	1
d5-NEtPFOSA	60.5		10 - 130	06/26/25 14:37	06/29/25 05:23	1
d3-NMePFOSA	70.0		10 - 130	06/26/25 14:37	06/29/25 05:23	1
13C2 PFDoA	75.2		40 - 130	06/26/25 14:37	06/29/25 05:23	1

Lab Sample ID: LCS 410-663430/2-A
Matrix: Solid
Analysis Batch: 664449

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 663430

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.777		ug/Kg		96	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.268		ug/Kg		91	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.197		ug/Kg		88	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.391		ug/Kg		96	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.344		ug/Kg		94	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.267		ug/Kg		91	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.171		ug/Kg		87	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.527		ug/Kg		101	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.678		ug/Kg		107	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.451		ug/Kg		98	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.388		ug/Kg		96	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	1.985		ug/Kg		89	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.436		ug/Kg		104	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	1.919		ug/Kg		84	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-663430/2-A
Matrix: Solid
Analysis Batch: 664449

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 663430

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.204		ug/Kg		92	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.077		ug/Kg		89	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	1.921		ug/Kg		80	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	1.838		ug/Kg		76	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.460		ug/Kg		60	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.487		ug/Kg		96	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.415		ug/Kg		93	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.452		ug/Kg		93	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.675		ug/Kg		107	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.532		ug/Kg		101	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.587		ug/Kg		103	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.216		ug/Kg		89	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.499		ug/Kg		100	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	12.99		ug/Kg		104	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	12.34		ug/Kg		99	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.876		ug/Kg		100	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.393		ug/Kg		101	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.509		ug/Kg		100	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.308		ug/Kg		92	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.140		ug/Kg		86	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	1.959		ug/Kg		84	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	1.683		ug/Kg		71	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	2.086		ug/Kg		94	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	4.479		ug/Kg		90	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	10.37		ug/Kg		83	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	8.855		ug/Kg		71	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFBA	97.7		8 - 130
13C5 PFPeA	107		35 - 130
13C5 PFHxA	105		40 - 130
13C4 PFHpA	95.9		40 - 130
13C8 PFOA	89.5		40 - 130
13C9 PFNA	97.1		40 - 130
13C6 PFDA	86.0		40 - 130
13C7 PFUnA	79.6		40 - 130
13C2 PFTeDA	51.3		20 - 130
13C3 PFBS	97.8		40 - 135
13C3 PFHxS	90.3		40 - 130
13C8 PFOS	94.3		40 - 130
13C8 FOSA	83.8		40 - 130
d3-NMeFOSAA	71.4		40 - 135
d5-NEtFOSAA	65.4		40 - 150
13C2 4:2 FTS	98.3		40 - 165
13C2 6:2 FTS	102		40 - 215
13C2 8:2 FTS	81.8		40 - 275
13C3 HFPO-DA	97.9		40 - 130
d7-N-MeFOSE-M	42.8		20 - 130
d9-N-EtFOSE-M	35.3		15 - 130
d5-NEtPFOSA	60.6		10 - 130
d3-NMePFOSA	66.6		10 - 130
13C2 PFDoA	64.6		40 - 130

Lab Sample ID: LLCS 410-663430/3-A
Matrix: Solid
Analysis Batch: 664449

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 663430

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.457		ug/Kg		91	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.216		ug/Kg		86	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.218		ug/Kg		87	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.217		ug/Kg		87	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.219		ug/Kg		88	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.230		ug/Kg		92	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.186	J	ug/Kg		74	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.237		ug/Kg		95	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.222		ug/Kg		89	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.223		ug/Kg		89	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.258		ug/Kg		103	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.178	J	ug/Kg		80	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.224		ug/Kg		95	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.194	J	ug/Kg		85	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.207		ug/Kg		87	65 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-663430/3-A
Matrix: Solid
Analysis Batch: 664449

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 663430

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorooctanesulfonic acid (PFOS)	0.233	0.230		ug/Kg		99	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.192	J	ug/Kg		80	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.179	J	ug/Kg		74	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.137	J	ug/Kg		57	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.434		ug/Kg		93	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.445		ug/Kg		93	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.449		ug/Kg		94	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.261		ug/Kg		105	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.232		ug/Kg		93	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.246		ug/Kg		98	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.192	J	ug/Kg		77	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.236		ug/Kg		95	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.211		ug/Kg		97	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.281		ug/Kg		103	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.170	J	ug/Kg		91	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.204		ug/Kg		86	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.225		ug/Kg		90	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.212		ug/Kg		85	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.221		ug/Kg		88	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.186	J	ug/Kg		80	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.155	J	ug/Kg		66	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.190	J	ug/Kg		85	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.440		ug/Kg		88	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.004		ug/Kg		80	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	0.828	J	ug/Kg		66	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*101*		*8 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-663430/3-A
Matrix: Solid
Analysis Batch: 664449

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 663430

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C5 PFPeA	119		35 - 130
13C5 PFHxA	116		40 - 130
13C4 PFHpA	108		40 - 130
13C8 PFOA	96.5		40 - 130
13C9 PFNA	103		40 - 130
13C6 PFDA	91.3		40 - 130
13C7 PFUnA	87.0		40 - 130
13C2 PFTeDA	51.8		20 - 130
13C3 PFBS	103		40 - 135
13C3 PFHxS	96.6		40 - 130
13C8 PFOS	94.8		40 - 130
13C8 FOSA	83.3		40 - 130
d3-NMeFOSAA	76.2		40 - 135
d5-NEtFOSAA	69.0		40 - 150
13C2 4:2 FTS	100		40 - 165
13C2 6:2 FTS	108		40 - 215
13C2 8:2 FTS	85.8		40 - 275
13C3 HFPO-DA	109		40 - 130
d7-N-MeFOSE-M	39.5		20 - 130
d9-N-EtFOSE-M	31.0		15 - 130
d5-NEtPFOSA	54.2		10 - 130
d3-NMePFOSA	57.8		10 - 130
13C2 PFDoA	68.2		40 - 130

Lab Sample ID: 480-230382-A-3-C MS
Matrix: Solid
Analysis Batch: 664449

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 663430

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.39	U	4.92	4.801		ug/Kg	☼	98	70 - 140
Perfluoropentanoic acid (PFPeA)	0.19	U	2.46	2.222		ug/Kg	☼	90	60 - 150
Perfluorohexanoic acid (PFHxA)	0.19	U	2.46	2.263		ug/Kg	☼	92	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.19	U	2.46	2.385		ug/Kg	☼	97	65 - 145
Perfluorooctanoic acid (PFOA)	0.19	U	2.46	2.233		ug/Kg	☼	91	70 - 150
Perfluorononanoic acid (PFNA)	0.19	U	2.46	2.351		ug/Kg	☼	96	70 - 155
Perfluorodecanoic acid (PFDA)	0.19	U	2.46	2.175		ug/Kg	☼	88	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.19	U	2.46	2.461		ug/Kg	☼	100	70 - 155
Perfluorododecanoic acid (PFDoA)	0.19	U	2.46	2.344		ug/Kg	☼	95	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.19	U	2.46	2.302		ug/Kg	☼	94	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	2.46	2.238		ug/Kg	☼	91	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.19	U	2.18	1.985		ug/Kg	☼	91	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	2.31	2.332		ug/Kg	☼	101	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	2.24	1.889		ug/Kg	☼	84	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-230382-A-3-C MS
Matrix: Solid
Analysis Batch: 664449

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 663430

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	2.35	2.416		ug/Kg	☼	103	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.19	U	2.29	2.133		ug/Kg	☼	93	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.19	U	2.36	2.132		ug/Kg	☼	90	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.19	U	2.37	2.102		ug/Kg	☼	89	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	2.38	1.748		ug/Kg	☼	73	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	4.61	4.487		ug/Kg	☼	97	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	4.68	4.574		ug/Kg	☼	98	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	4.72	4.729		ug/Kg	☼	100	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.19	U	2.46	2.791		ug/Kg	☼	114	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	2.46	2.470		ug/Kg	☼	100	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	2.46	2.530		ug/Kg	☼	103	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	2.46	2.279		ug/Kg	☼	93	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	2.46	2.601		ug/Kg	☼	106	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	12.3	12.76		ug/Kg	☼	104	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	12.3	12.26		ug/Kg	☼	100	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	1.84	1.761		ug/Kg	☼	95	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	2.33	2.362		ug/Kg	☼	102	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	2.46	2.518		ug/Kg	☼	102	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	2.46	2.355		ug/Kg	☼	96	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	2.46	2.054		ug/Kg	☼	84	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	2.30	2.107		ug/Kg	☼	92	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	2.32	1.967		ug/Kg	☼	85	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	2.19	2.160		ug/Kg	☼	99	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	4.92	4.217		ug/Kg	☼	86	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	12.3	9.502		ug/Kg	☼	77	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	12.3	8.558		ug/Kg	☼	70	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C4 PFBA	88.2		8 - 130
13C5 PFPeA	94.3		35 - 130
13C5 PFHxA	91.0		40 - 130
13C4 PFHpA	83.9		40 - 130
13C8 PFOA	87.9		40 - 130
13C9 PFNA	88.7		40 - 130
13C6 PFDA	83.0		40 - 130
13C7 PFUnA	76.3		40 - 130
13C2 PFTeDA	66.8		20 - 130
13C3 PFBS	89.5		40 - 135
13C3 PFHxS	87.1		40 - 130
13C8 PFOS	85.9		40 - 130
13C8 FOSA	75.9		40 - 130
d3-NMeFOSAA	72.6		40 - 135
d5-NEtFOSAA	68.6		40 - 150
13C2 4:2 FTS	83.8		40 - 165
13C2 6:2 FTS	86.6		40 - 215
13C2 8:2 FTS	74.3		40 - 275
13C3 HFPO-DA	85.8		40 - 130
d7-N-MeFOSE-M	49.8		20 - 130
d9-N-EtFOSE-M	48.2		15 - 130
d5-NEtPFOSA	56.7		10 - 130
d3-NMePFOSA	61.5		10 - 130
13C2 PFDoA	71.0		40 - 130

Lab Sample ID: 480-230382-A-3-D MSD
Matrix: Solid
Analysis Batch: 664449

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 663430

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	0.39	U	4.85	4.411		ug/Kg	☼	91	70 - 140	8	30
Perfluoropentanoic acid (PFPeA)	0.19	U	2.42	2.105		ug/Kg	☼	87	60 - 150	5	30
Perfluorohexanoic acid (PFHxA)	0.19	U	2.42	2.000		ug/Kg	☼	82	65 - 140	12	30
Perfluoroheptanoic acid (PFHpA)	0.19	U	2.42	2.187		ug/Kg	☼	90	65 - 145	9	30
Perfluorooctanoic acid (PFOA)	0.19	U	2.42	2.045		ug/Kg	☼	84	70 - 150	9	30
Perfluorononanoic acid (PFNA)	0.19	U	2.42	2.101		ug/Kg	☼	87	70 - 155	11	30
Perfluorodecanoic acid (PFDA)	0.19	U	2.42	1.976		ug/Kg	☼	82	70 - 155	10	30
Perfluoroundecanoic acid (PFUnA)	0.19	U	2.42	2.394		ug/Kg	☼	99	70 - 155	3	30
Perfluorododecanoic acid (PFDoA)	0.19	U	2.42	2.378		ug/Kg	☼	98	70 - 150	1	30
Perfluorotridecanoic acid (PFTrDA)	0.19	U	2.42	2.036		ug/Kg	☼	84	65 - 150	12	30
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	2.42	1.996		ug/Kg	☼	82	65 - 150	11	30
Perfluorobutanesulfonic acid (PFBS)	0.19	U	2.15	1.867		ug/Kg	☼	87	65 - 145	6	30
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	2.28	2.172		ug/Kg	☼	95	55 - 160	7	30
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	2.21	1.768		ug/Kg	☼	80	60 - 150	7	30
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	2.31	2.103		ug/Kg	☼	91	65 - 155	14	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-230382-A-3-D MSD
Matrix: Solid
Analysis Batch: 664449

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 663430

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanesulfonic acid (PFOS)	0.19	U	2.25	1.950		ug/Kg	☼	86	65 - 160	9	30
Perfluorononanesulfonic acid (PFNS)	0.19	U	2.33	1.870		ug/Kg	☼	80	55 - 140	13	30
Perfluorodecanesulfonic acid (PFDS)	0.19	U	2.34	1.768		ug/Kg	☼	76	40 - 155	17	30
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	2.35	1.471		ug/Kg	☼	63	25 - 160	17	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	4.55	4.309		ug/Kg	☼	95	60 - 150	4	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	4.62	4.308		ug/Kg	☼	93	55 - 200	6	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	4.66	4.270		ug/Kg	☼	92	70 - 150	10	30
Perfluorooctanesulfonamide (PFOSA)	0.19	U	2.42	2.582		ug/Kg	☼	106	70 - 140	8	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	2.42	2.280		ug/Kg	☼	94	70 - 155	8	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	2.42	2.218		ug/Kg	☼	91	70 - 140	13	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	2.42	2.061		ug/Kg	☼	85	65 - 155	10	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	2.42	2.376		ug/Kg	☼	98	65 - 165	9	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	12.1	12.46		ug/Kg	☼	103	70 - 140	2	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	12.1	10.79		ug/Kg	☼	89	70 - 135	13	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	1.82	1.703		ug/Kg	☼	94	70 - 145	3	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	2.29	2.206		ug/Kg	☼	96	70 - 160	7	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	2.42	2.398		ug/Kg	☼	99	30 - 140	5	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	2.42	2.174		ug/Kg	☼	90	60 - 150	8	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	2.42	1.774		ug/Kg	☼	73	60 - 155	15	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	2.26	1.927		ug/Kg	☼	85	70 - 150	9	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	2.29	1.646		ug/Kg	☼	72	45 - 160	18	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	2.16	1.920		ug/Kg	☼	89	70 - 140	12	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	4.85	4.252		ug/Kg	☼	88	45 - 130	1	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	12.1	8.440		ug/Kg	☼	70	60 - 130	12	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	12.1	7.109	*	ug/Kg	☼	59	60 - 150	18	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*90.1*		*8 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-230382-A-3-D MSD
Matrix: Solid
Analysis Batch: 664449

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 663430

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C5 PFPeA	91.1		35 - 130
13C5 PFHxA	88.9		40 - 130
13C4 PFHpA	81.3		40 - 130
13C8 PFOA	82.8		40 - 130
13C9 PFNA	87.4		40 - 130
13C6 PFDA	81.4		40 - 130
13C7 PFUnA	78.2		40 - 130
13C2 PFTeDA	69.0		20 - 130
13C3 PFBS	85.3		40 - 135
13C3 PFHxS	86.0		40 - 130
13C8 PFOS	89.4		40 - 130
13C8 FOSA	65.2		40 - 130
d3-NMeFOSAA	67.3		40 - 135
d5-NEtFOSAA	64.1		40 - 150
13C2 4:2 FTS	78.2		40 - 165
13C2 6:2 FTS	78.5		40 - 215
13C2 8:2 FTS	68.7		40 - 275
13C3 HFPO-DA	82.0		40 - 130
d7-N-MeFOSE-M	44.9		20 - 130
d9-N-EtFOSE-M	47.7		15 - 130
d5-NEtPFOSA	51.0		10 - 130
d3-NMePFOSA	53.3		10 - 130
13C2 PFDoA	69.5		40 - 130

Lab Sample ID: 480-230382-B-3-H MS
Matrix: Water
Analysis Batch: 664231

Client Sample ID: Matrix Spike
Prep Type: SPLP East
Prep Batch: 663057

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	3.62	U	71.3	66.16		ng/L		93	70 - 140
Perfluoropentanoic acid (PFPeA)	1.81	U	35.7	27.64		ng/L		78	65 - 135
Perfluorohexanoic acid (PFHxA)	1.81	U	35.7	36.41		ng/L		102	70 - 145
Perfluoroheptanoic acid (PFHpA)	1.81	U	35.7	33.92		ng/L		95	70 - 150
Perfluorooctanoic acid (PFOA)	1.81	U	35.7	32.32		ng/L		91	70 - 150
Perfluorononanoic acid (PFNA)	1.81	U	35.7	32.21		ng/L		90	70 - 150
Perfluorodecanoic acid (PFDA)	1.81	U	35.7	31.12		ng/L		87	70 - 140
Perfluoroundecanoic acid (PFUnA)	1.81	U	35.7	32.76		ng/L		92	70 - 145
Perfluorododecanoic acid (PFDoA)	1.81	U	35.7	33.81		ng/L		95	70 - 140
Perfluorotridecanoic acid (PFTrDA)	1.81	U	35.7	33.03		ng/L		93	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	1.81	U	35.7	35.91		ng/L		101	60 - 140
Perfluorobutanesulfonic acid (PFBS)	1.81	U	31.7	31.59		ng/L		100	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	1.81	U	33.5	34.25		ng/L		102	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	1.81	U	32.5	33.98		ng/L		104	65 - 145

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-230382-B-3-H MS
Matrix: Water
Analysis Batch: 664231

Client Sample ID: Matrix Spike
Prep Type: SPLP East
Prep Batch: 663057

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanesulfonic acid (PFHpS)	1.81	U	34.0	31.07		ng/L		91	70 - 150
Perfluorooctanesulfonic acid (PFOS)	1.81	U	33.2	28.73		ng/L		87	55 - 150
Perfluorononanesulfonic acid (PFNS)	1.81	U	34.3	31.13		ng/L		91	65 - 145
Perfluorodecanesulfonic acid (PFDS)	1.81	U	34.4	35.80		ng/L		104	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	1.81	U	34.6	33.01		ng/L		95	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.62	U	66.9	63.07		ng/L		94	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.62	U	67.9	64.75		ng/L		95	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.62	U	68.5	63.19		ng/L		92	60 - 150
Perfluorooctanesulfonamide (PFOSA)	1.81	U	35.7	35.79		ng/L		100	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.81	U	35.7	38.16		ng/L		107	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.81	U	35.7	34.19		ng/L		96	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.81	U	35.7	32.84		ng/L		92	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.81	U	35.7	34.03		ng/L		95	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	9.04	U	178	181.2		ng/L		102	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	9.04	U	178	176.9		ng/L		99	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.81	U	26.7	26.96		ng/L		101	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.81	U	33.7	38.17		ng/L		113	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.81	U	35.7	28.57		ng/L		80	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.81	U	35.7	29.91		ng/L		84	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.81	U	35.7	28.47		ng/L		80	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.81	U	33.3	31.20		ng/L		94	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.81	U	33.7	36.44		ng/L		108	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.81	U	31.8	29.06		ng/L		91	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.62	U	71.3	52.50		ng/L		74	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	9.04	U	178	158.7		ng/L		89	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	9.04	U	178	132.9		ng/L		75	50 - 145

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C4 PFBA	97.3		5 - 130
13C5 PFPeA	101		40 - 130
13C5 PFHxA	92.6		40 - 130
13C4 PFHpA	87.5		40 - 130
13C8 PFOA	93.6		40 - 130
13C9 PFNA	96.0		40 - 130
13C6 PFDA	95.3		40 - 130
13C7 PFUnA	98.4		30 - 130
13C2 PFTeDA	98.6		10 - 130
13C3 PFBS	103		40 - 135
13C3 PFHxS	93.8		40 - 130
13C8 PFOS	99.2		40 - 130
13C8 FOSA	82.2		40 - 130
d3-NMeFOSAA	99.7		40 - 170
d5-NEtFOSAA	92.7		25 - 135
13C2 4:2 FTS	99.1		40 - 200
13C2 6:2 FTS	94.5		40 - 200
13C2 8:2 FTS	93.4		40 - 300
13C3 HFPO-DA	80.3		40 - 130
d7-N-MeFOSE-M	94.4		10 - 130
d9-N-EtFOSE-M	89.6		10 - 130
d5-NEtPFOSA	80.5		10 - 130
d3-NMePFOSA	76.3		10 - 130
13C2 PFDoA	103		10 - 130

Lab Sample ID: 480-230382-B-3-I MSD
Matrix: Water
Analysis Batch: 664231

Client Sample ID: Matrix Spike Duplicate
Prep Type: SPLP East
Prep Batch: 663057

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	3.62	U	73.2	66.67		ng/L		91	70 - 140	1	30
Perfluoropentanoic acid (PFPeA)	1.81	U	36.6	28.41		ng/L		78	65 - 135	3	30
Perfluorohexanoic acid (PFHxA)	1.81	U	36.6	33.58		ng/L		92	70 - 145	8	30
Perfluoroheptanoic acid (PFHpA)	1.81	U	36.6	32.81		ng/L		90	70 - 150	3	30
Perfluorooctanoic acid (PFOA)	1.81	U	36.6	31.80		ng/L		87	70 - 150	2	30
Perfluorononanoic acid (PFNA)	1.81	U	36.6	33.92		ng/L		93	70 - 150	5	30
Perfluorodecanoic acid (PFDA)	1.81	U	36.6	30.26		ng/L		83	70 - 140	3	30
Perfluoroundecanoic acid (PFUnA)	1.81	U	36.6	34.41		ng/L		94	70 - 145	5	30
Perfluorododecanoic acid (PFDoA)	1.81	U	36.6	34.61		ng/L		95	70 - 140	2	30
Perfluorotridecanoic acid (PFTrDA)	1.81	U	36.6	32.74		ng/L		90	65 - 140	1	30
Perfluorotetradecanoic acid (PFTeDA)	1.81	U	36.6	33.07		ng/L		90	60 - 140	8	30
Perfluorobutanesulfonic acid (PFBS)	1.81	U	32.5	29.39		ng/L		90	60 - 145	7	30
Perfluoropentanesulfonic acid (PFPeS)	1.81	U	34.4	33.45		ng/L		97	65 - 140	2	30
Perfluorohexanesulfonic acid (PFHxS)	1.81	U	33.4	32.61		ng/L		98	65 - 145	4	30
Perfluoroheptanesulfonic acid (PFHpS)	1.81	U	34.9	32.28		ng/L		93	70 - 150	4	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-230382-B-3-I MSD
Matrix: Water
Analysis Batch: 664231

Client Sample ID: Matrix Spike Duplicate
Prep Type: SPLP East
Prep Batch: 663057

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanesulfonic acid (PFOS)	1.81	U	34.0	29.67		ng/L		87	55 - 150	3	30
Perfluorononanesulfonic acid (PFNS)	1.81	U	35.2	33.36		ng/L		95	65 - 145	7	30
Perfluorodecanesulfonic acid (PFDS)	1.81	U	35.3	35.42		ng/L		100	60 - 145	1	30
Perfluorododecanesulfonic acid (PFDoS)	1.81	U	35.5	30.89		ng/L		87	50 - 145	7	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.62	U	68.6	61.81		ng/L		90	70 - 145	2	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.62	U	69.6	61.69		ng/L		89	65 - 155	5	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.62	U	70.2	67.82		ng/L		97	60 - 150	7	30
Perfluorooctanesulfonamide (PFOSA)	1.81	U	36.6	37.70		ng/L		103	70 - 145	5	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.81	U	36.6	38.63		ng/L		106	60 - 150	1	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.81	U	36.6	34.68		ng/L		95	65 - 145	1	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.81	U	36.6	32.06		ng/L		88	50 - 140	2	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.81	U	36.6	35.49		ng/L		97	70 - 145	4	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	9.04	U	183	181.3		ng/L		99	70 - 145	0	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	9.04	U	183	177.8		ng/L		97	70 - 135	1	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.81	U	27.4	26.95		ng/L		98	70 - 140	0	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.81	U	34.6	38.19		ng/L		110	65 - 145	0	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.81	U	36.6	30.15		ng/L		82	55 - 140	5	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.81	U	36.6	31.62		ng/L		86	60 - 150	6	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.81	U	36.6	31.90		ng/L		87	50 - 150	11	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.81	U	34.2	32.40		ng/L		95	70 - 155	4	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.81	U	34.5	35.18		ng/L		102	55 - 160	4	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.81	U	32.6	27.90		ng/L		86	70 - 140	4	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.62	U	73.2	56.82		ng/L		78	65 - 130	8	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	9.04	U	183	144.0		ng/L		79	70 - 135	10	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	9.04	U	183	127.6		ng/L		70	50 - 145	4	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*110*		*5 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-230382-B-3-I MSD
Matrix: Water
Analysis Batch: 664231

Client Sample ID: Matrix Spike Duplicate
Prep Type: SPLP East
Prep Batch: 663057

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C5 PFPeA	107		40 - 130
13C5 PFHxA	104		40 - 130
13C4 PFHpA	101		40 - 130
13C8 PFOA	96.9		40 - 130
13C9 PFNA	104		40 - 130
13C6 PFDA	102		40 - 130
13C7 PFUnA	99.9		30 - 130
13C2 PFTeDA	92.4		10 - 130
13C3 PFBS	113		40 - 135
13C3 PFHxS	102		40 - 130
13C8 PFOS	101		40 - 130
13C8 FOSA	80.9		40 - 130
d3-NMeFOSAA	96.1		40 - 170
d5-NEtFOSAA	92.5		25 - 135
13C2 4:2 FTS	113		40 - 200
13C2 6:2 FTS	106		40 - 200
13C2 8:2 FTS	89.6		40 - 300
13C3 HFPO-DA	86.2		40 - 130
d7-N-MeFOSE-M	81.4		10 - 130
d9-N-EtFOSE-M	73.8		10 - 130
d5-NEtPFOSA	76.6		10 - 130
d3-NMePFOSA	75.6		10 - 130
13C2 PFDoA	100		10 - 130

LCMS

Leach Batch: 661274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 410-661274/1-C	Method Blank	Total/NA	Water	1312	
480-230382-B-3-H MS	Matrix Spike	SPLP East	Water	1312	
480-230382-B-3-I MSD	Matrix Spike Duplicate	SPLP East	Water	1312	

Prep Batch: 663057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329046-7	FB_SO_06202025_P	Total/NA	Water	1633A	
LB 410-661274/1-C	Method Blank	Total/NA	Water	1633A	661274
MB 410-663057/8-A	Method Blank	Total/NA	Water	1633A	
LCS 410-663057/9-A	Lab Control Sample	Total/NA	Water	1633A	
LLCS 410-663057/10-A	Lab Control Sample	Total/NA	Water	1633A	
480-230382-B-3-H MS	Matrix Spike	SPLP East	Water	1633A	661274
480-230382-B-3-I MSD	Matrix Spike Duplicate	SPLP East	Water	1633A	661274

Prep Batch: 663430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329046-1	RX-09(0-2)_P	Total/NA	Solid	1633A Shake	
460-329046-2	RX-09(6-8)_P	Total/NA	Solid	1633A Shake	
460-329046-3	RX-08(0-2)_P	Total/NA	Solid	1633A Shake	
460-329046-4	RX-08(6-8)_P	Total/NA	Solid	1633A Shake	
460-329046-5	RX-03(0-2)_P	Total/NA	Solid	1633A Shake	
460-329046-6	RX-03(4-6)_P	Total/NA	Solid	1633A Shake	
MB 410-663430/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-663430/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LLCS 410-663430/3-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
480-230382-A-3-C MS	Matrix Spike	Total/NA	Solid	1633A Shake	
480-230382-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	1633A Shake	

Analysis Batch: 664231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329046-7	FB_SO_06202025_P	Total/NA	Water	1633A	663057
LB 410-661274/1-C	Method Blank	Total/NA	Water	1633A	663057
MB 410-663057/8-A	Method Blank	Total/NA	Water	1633A	663057
LCS 410-663057/9-A	Lab Control Sample	Total/NA	Water	1633A	663057
480-230382-B-3-H MS	Matrix Spike	SPLP East	Water	1633A	663057
480-230382-B-3-I MSD	Matrix Spike Duplicate	SPLP East	Water	1633A	663057

Analysis Batch: 664449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329046-1	RX-09(0-2)_P	Total/NA	Solid	1633A	663430
460-329046-2	RX-09(6-8)_P	Total/NA	Solid	1633A	663430
460-329046-3	RX-08(0-2)_P	Total/NA	Solid	1633A	663430
460-329046-4	RX-08(6-8)_P	Total/NA	Solid	1633A	663430
460-329046-5	RX-03(0-2)_P	Total/NA	Solid	1633A	663430
460-329046-6	RX-03(4-6)_P	Total/NA	Solid	1633A	663430
MB 410-663430/1-A	Method Blank	Total/NA	Solid	1633A	663430
LCS 410-663430/2-A	Lab Control Sample	Total/NA	Solid	1633A	663430
LLCS 410-663430/3-A	Lab Control Sample	Total/NA	Solid	1633A	663430
480-230382-A-3-C MS	Matrix Spike	Total/NA	Solid	1633A	663430
480-230382-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	1633A	663430

QC Association Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329046-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

LCMS

Analysis Batch: 664806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LLCS 410-663057/10-A	Lab Control Sample	Total/NA	Water	1633A	663057

General Chemistry

Analysis Batch: 662828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329046-1	RX-09(0-2)_P	Total/NA	Solid	Moisture	
460-329046-2	RX-09(6-8)_P	Total/NA	Solid	Moisture	
460-329046-3	RX-08(0-2)_P	Total/NA	Solid	Moisture	
460-329046-4	RX-08(6-8)_P	Total/NA	Solid	Moisture	
460-329046-5	RX-03(0-2)_P	Total/NA	Solid	Moisture	
460-329046-6	RX-03(4-6)_P	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-329046-1

Client Sample ID: RX-09(0-2)_P
Date Collected: 06/20/25 09:45
Date Received: 06/20/25 19:50

Lab Sample ID: 460-329046-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	662828	E5GC	ELLE	06/25/25 13:39

Client Sample ID: RX-09(0-2)_P
Date Collected: 06/20/25 09:45
Date Received: 06/20/25 19:50

Lab Sample ID: 460-329046-1
Matrix: Solid
Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			663430	MSH2	ELLE	06/26/25 14:37
Total/NA	Analysis	1633A		1	664449	JU9U	ELLE	06/29/25 06:04

Client Sample ID: RX-09(6-8)_P
Date Collected: 06/20/25 10:05
Date Received: 06/20/25 19:50

Lab Sample ID: 460-329046-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	662828	E5GC	ELLE	06/25/25 13:39

Client Sample ID: RX-09(6-8)_P
Date Collected: 06/20/25 10:05
Date Received: 06/20/25 19:50

Lab Sample ID: 460-329046-2
Matrix: Solid
Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			663430	MSH2	ELLE	06/26/25 14:37
Total/NA	Analysis	1633A		1	664449	JU9U	ELLE	06/29/25 06:17

Client Sample ID: RX-08(0-2)_P
Date Collected: 06/20/25 12:40
Date Received: 06/20/25 19:50

Lab Sample ID: 460-329046-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	662828	E5GC	ELLE	06/25/25 13:39

Client Sample ID: RX-08(0-2)_P
Date Collected: 06/20/25 12:40
Date Received: 06/20/25 19:50

Lab Sample ID: 460-329046-3
Matrix: Solid
Percent Solids: 96.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			663430	MSH2	ELLE	06/26/25 14:37
Total/NA	Analysis	1633A		1	664449	JU9U	ELLE	06/29/25 06:31

Client Sample ID: RX-08(6-8)_P
Date Collected: 06/20/25 12:50
Date Received: 06/20/25 19:50

Lab Sample ID: 460-329046-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	662828	E5GC	ELLE	06/25/25 13:39

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329046-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RX-08(6-8)_P
Lab Sample ID: 460-329046-4
Date Collected: 06/20/25 12:50
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			663430	MSH2	ELLE	06/26/25 14:37
Total/NA	Analysis	1633A		1	664449	JU9U	ELLE	06/29/25 06:44

Client Sample ID: RX-03(0-2)_P
Lab Sample ID: 460-329046-5
Date Collected: 06/20/25 14:40
Matrix: Solid
Date Received: 06/20/25 19:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	662828	E5GC	ELLE	06/25/25 13:39

Client Sample ID: RX-03(0-2)_P
Lab Sample ID: 460-329046-5
Date Collected: 06/20/25 14:40
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			663430	MSH2	ELLE	06/26/25 14:37
Total/NA	Analysis	1633A		1	664449	JU9U	ELLE	06/29/25 07:25

Client Sample ID: RX-03(4-6)_P
Lab Sample ID: 460-329046-6
Date Collected: 06/20/25 14:50
Matrix: Solid
Date Received: 06/20/25 19:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	662828	E5GC	ELLE	06/25/25 13:39

Client Sample ID: RX-03(4-6)_P
Lab Sample ID: 460-329046-6
Date Collected: 06/20/25 14:50
Matrix: Solid
Date Received: 06/20/25 19:50
Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			663430	MSH2	ELLE	06/26/25 14:37
Total/NA	Analysis	1633A		1	664449	JU9U	ELLE	06/29/25 07:39

Client Sample ID: FB_SO_06202025_P
Lab Sample ID: 460-329046-7
Date Collected: 06/20/25 15:30
Matrix: Water
Date Received: 06/20/25 19:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			663057	NTT6	ELLE	06/26/25 05:26
Total/NA	Analysis	1633A		1	664231	P7EB	ELLE	06/28/25 20:40

Laboratory References:
ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329046-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture

Method Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329046-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method	Method Description	Protocol	Laboratory
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
Moisture	Percent Moisture	EPA	ELLE
1633A	Solid-Phase Extraction (SPE)	EPA	ELLE
1633A Shake	Shake Extraction with SPE	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329046-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-329046-1	RX-09(0-2)_P	Solid	06/20/25 09:45	06/20/25 19:50
460-329046-2	RX-09(6-8)_P	Solid	06/20/25 10:05	06/20/25 19:50
460-329046-3	RX-08(0-2)_P	Solid	06/20/25 12:40	06/20/25 19:50
460-329046-4	RX-08(6-8)_P	Solid	06/20/25 12:50	06/20/25 19:50
460-329046-5	RX-03(0-2)_P	Solid	06/20/25 14:40	06/20/25 19:50
460-329046-6	RX-03(4-6)_P	Solid	06/20/25 14:50	06/20/25 19:50
460-329046-7	FB_SO_06202025_P	Water	06/20/25 15:30	06/20/25 19:50

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

NYC 222

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Client Information	Sampler: Josue Criollo	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-196055-128295.1
Client Contact: Josue Criollo	Phone: 516 660 3060	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 1 of 3
Company: Roux Environmental Eng & Geology DPC	PWSID:			Job #: 329046
Address: 209 Shafter St	Due Date Requested:			
City: Islandia	TAT Requested (days): 3 D.			
State, Zip: NY 11749	Compliance Project: Δ Yes Δ No			
Phone: 631-831-8490(Tel)	PO #: Purchase Order Requested			
Email: jcriollo@rouxinc.com	WO #:			
Project Name: 35-32 College Point Blvd, Flushing, NY	Project #: 46046973			
Site: 35-32 College Point Blvd, Flushing, NY	SSOW#:			

Analysis Requested

460-329046 Chain of Custody

Preservation Codes: N None

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A PFAS 1633 Standard List of 40	Total Number of cont	Special Instructions/Note:
			Preservation Code:				N		
RX-09(0-2)_P	6/20/25	945	G	Solid			✓	2	
RX-09(6-8)_P		1005	G	Solid			✓	2	
RX-08(0-2)_P		1240		Solid			✓	2	
RX-08(6-8)_P		1250		Solid			✓	2	
RX-03(0-2)_P		1440		Solid			✓	2	
RX-03(4-6)_P		1450		Solid			✓	2	
FB_SO-06202025_P	✓	1530	✓	Solid			✓	2	
				Solid					
				Solid					
				Solid					
				Solid					

Other

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		6/20/25	ROUX		6/20/25 1730	EFT
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time: 6/20/25 1950	Company EFT	Received by:	Date/Time: 6/20 1950	Company ETA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: ND CS

Cooler Temperature(s) °C and Other Remarks: IR#9 1.0 - 1.4

Ver: 05/06/2024

6/30/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 329046

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.0 °C	1.4 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below.

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Initials: MH Date: 6/20/25

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-74589.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-329046-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 6/27/2025			
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 35-32 College Point Blvd, Flushing, NY	Project #: 46046973			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:
-

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_ShakePFAS 1633 Standard List of 40	MoisturePercent Moisture	1633A/1633A_SPEPFAS 1633 Standard List of 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
RX-09(0-2)_P (460-329046-1)	6/20/25	09:45 Eastern	G	Solid			X	X		2	
RX-09(6-8)_P (460-329046-2)	6/20/25	10:05 Eastern	G	Solid			X	X		2	
RX-08(0-2)_P (460-329046-3)	6/20/25	12:40 Eastern	G	Solid			X	X		2	
RX-08(6-8)_P (460-329046-4)	6/20/25	12:50 Eastern	G	Solid			X	X		2	
RX-03(0-2)_P (460-329046-5)	6/20/25	14:40 Eastern	G	Solid			X	X		2	
RX-03(4-6)_P (460-329046-6)	6/20/25	14:50 Eastern	G	Solid			X	X		2	
FB_SO_06202025_P (460-329046-7)	6/20/25	15:30 Eastern	G	Water					X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 6/24/25 1612	Company ET	Received by:	Date/Time: 6/24/25 1612	Company ET
Relinquished by:	Date/Time: 6/24/25 1950	Company ET	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 6/24/25 1950	Company ELot

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: R- 2.8 C: 3.0

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-329046-1

Login Number: 329046
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-329046-1

Login Number: 329046
List Number: 2
Creator: Fuehrer, Stephanie

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 06/24/25 11:25 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. MaryBeth Lyons
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, New York 11749

Generated 7/9/2025 5:26:41 PM

JOB DESCRIPTION

35-32 College Point Blvd, Flushing, NY

JOB NUMBER

460-329729-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



Generated
7/9/2025 5:26:41 PM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	Duplicate RPD exceeds control limits
*	MS or MSD is outside acceptance limits.
*	LCS or LCSD is outside acceptance limits.
*	Surrogate is outside acceptance limits.
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
*	MS or MSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
J	Sample result is greater than the MDL but below the CRDL
U	Indicates analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-329729-1

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 7/1/2025 7:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 1.6°C, 2.3°C, 4.3°C and 4.4°C.

Receipt Exceptions
Limited sample volume was provided for the following sample for the SVOC, 1,4-dioxane, Pesticides, PCB and Herbicides analysis: RXMW-03 (460-329729-5). 7 containers were received and one of the containers was received less than one quarter full. The lab will procced with received volume.

One or more containers for the following sample was received empty: RXMW-06 (460-329729-3). 2 of 12 amber glass containers were received empty.

Method 8260D - Volatile Organic Compounds by GC/MS
Samples RXMW-02 (460-329729-1), RXMW-02 (460-329729-1MS), RXMW-02 (460-329729-1MSD), DUP_GW_07012025 (460-329729-2), RXMW-06 (460-329729-3), RXMW-08 (460-329729-4), RXMW-03 (460-329729-5), FB_GW_07012025 (460-329729-6) and TRIP BLANK (460-329729-7) were analyzed for Volatile Organic Compounds by GC/MS. The samples were analyzed on 7/8/2025.

The continuing calibration verification (CCV) associated with batch 460-1048410 recovered above the upper control limit for Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The laboratory control sample (LCS) associated with analytical batch 460-1048410 was outside acceptance criteria for Chloroethane and Dichlorodifluoromethane. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8270E - Semivolatile Organic Compounds (GC/MS)
Samples RXMW-02 (460-329729-1), RXMW-02 (460-329729-1MS), RXMW-02 (460-329729-1MSD), DUP_GW_07012025 (460-329729-2), RXMW-06 (460-329729-3), RXMW-08 (460-329729-4), RXMW-03 (460-329729-5) and FB_GW_07012025 (460-329729-6) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared on 7/2/2025 and analyzed on 7/3/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1047615 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-1047575 and analytical batch 460-1047615 recovered outside control limits for the following analytes: Atrazine and Benzaldehyde. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate

compounds outside limits: RXMW-06 (460-329729-3). These results have been reported and qualified.

The continuing calibration verification (CCV) analyzed in batch 460-1047801 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)
Samples RXMW-02 (460-329729-1), RXMW-02 (460-329729-1MS), RXMW-02 (460-329729-1MSD), DUP_GW_07012025 (460-329729-2), RXMW-06 (460-329729-3), RXMW-08 (460-329729-4), RXMW-03 (460-329729-5) and FB_GW_07012025 (460-329729-6) were analyzed for Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution). The samples were prepared on 7/2/2025 and 7/5/2025 and analyzed on 7/2/2025, 7/3/2025 and 7/7/2025.

Method 8151A - Herbicides (GC)
Samples RXMW-02 (460-329729-1), RXMW-02 (460-329729-1MS), RXMW-02 (460-329729-1MSD), DUP_GW_07012025 (460-329729-2), RXMW-06 (460-329729-3), RXMW-08 (460-329729-4), RXMW-03 (460-329729-5) and FB_GW_07012025 (460-329729-6) were analyzed for Herbicides (GC). The samples were prepared on 7/2/2025 and 7/3/2025 and analyzed on 7/3/2025 and 7/6/2025.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 460-1047751 and analytical batch 460-1048132 recovered outside control limits for the following analytes: 2,4,5-T and 2,4-D.

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Samples RXMW-02 (460-329729-1), RXMW-02 (460-329729-1MS), RXMW-02 (460-329729-1MSD), DUP_GW_07012025 (460-329729-2), RXMW-06 (460-329729-3), RXMW-08 (460-329729-4), RXMW-03 (460-329729-5) and FB_GW_07012025 (460-329729-6) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 7/2/2025 and analyzed on 7/2/2025 and 7/3/2025.

Method 8081B - Organochlorine Pesticides (GC)
Samples RXMW-02 (460-329729-1), RXMW-02 (460-329729-1MS), RXMW-02 (460-329729-1MSD), DUP_GW_07012025 (460-329729-2), RXMW-06 (460-329729-3), RXMW-08 (460-329729-4), RXMW-03 (460-329729-5) and FB_GW_07012025 (460-329729-6) were analyzed for Organochlorine Pesticides (GC). The samples were prepared on 7/2/2025 and analyzed on 7/3/2025.

Method 6020B - Metals (ICP/MS) - Dissolved
Samples RXMW-02 (460-329729-1), RXMW-02 (460-329729-1MS), RXMW-02 (460-329729-1MSD), DUP_GW_07012025 (460-329729-2), RXMW-06 (460-329729-3), RXMW-08 (460-329729-4), RXMW-03 (460-329729-5) and FB_GW_07012025 (460-329729-6) were analyzed for Metals (ICP/MS) - Dissolved. The samples were prepared on 7/8/2025 and analyzed on 7/8/2025 and 7/9/2025.

Sample RXMW-03 (460-329729-5)[5x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following samples were not filtered and preserved within 15 minutes of sample collection in accordance with 40 CFR Part 136 Table II, Footnote 7, method 6020B. The samples were filtered prior to analysis at the laboratory.

RXMW-02 (460-329729-1), RXMW-02 (460-329729-1[MS]), RXMW-02 (460-329729-1[MSD]), DUP_GW_07012025 (460-329729-2), RXMW-06 (460-329729-3), RXMW-08 (460-329729-4), RXMW-03 (460-329729-5), FB_GW_07012025 (460-329729-6) and (460-329729-E-1 DU)

The method blank for preparation batch 460-1048420 and 460-1048421 and analytical batch 460-1048584 contained zinc above the method detection limit. This target analyte concentration was less than half the reporting limit (1/2RL) in the method blank; therefore, re-extraction and re-analysis of samples was not performed.

Method 6020B - Metals (ICP/MS) - Total Recoverable
Samples RXMW-02 (460-329729-1), RXMW-02 (460-329729-1MS), RXMW-02 (460-329729-1MSD), DUP_GW_07012025 (460-329729-2), RXMW-06 (460-329729-3), RXMW-08 (460-329729-4), RXMW-03 (460-329729-5) and FB_GW_07012025 (460-329729-6) were analyzed for Metals (ICP/MS) - Total Recoverable. The samples were prepared on 7/5/2025 and analyzed on 7/7/2025.

Sample RXMW-03 (460-329729-5)[10x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Job ID: 460-329729-1 (Continued) Eurofins Edison

Method 7470A - Mercury (CVAA)
Samples RXMW-02 (460-329729-1), RXMW-02 (460-329729-1MS), RXMW-02 (460-329729-1MSD), DUP_GW_07012025 (460-329729-2), RXMW-06 (460-329729-3), RXMW-08 (460-329729-4), RXMW-03 (460-329729-5) and FB_GW_07012025 (460-329729-6) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 7/7/2025.

Method 7470A - Mercury (CVAA) - Dissolved
Samples RXMW-02 (460-329729-1), RXMW-02 (460-329729-1MS), RXMW-02 (460-329729-1MSD), DUP_GW_07012025 (460-329729-2), RXMW-06 (460-329729-3), RXMW-08 (460-329729-4), RXMW-03 (460-329729-5) and FB_GW_07012025 (460-329729-6) were analyzed for Mercury (CVAA) - Dissolved. The samples were prepared and analyzed on 7/7/2025.

The following samples were not filtered and preserved within 15 minutes of sample collection in accordance with 40 CFR Part 136 Table II, Footnote 7, method 7470A. The samples were filtered prior to analysis at the laboratory.

RXMW-02 (460-329729-1), RXMW-02 (460-329729-1[MS]), RXMW-02 (460-329729-1[MSD]), DUP_GW_07012025 (460-329729-2), RXMW-06 (460-329729-3), RXMW-08 (460-329729-4), RXMW-03 (460-329729-5), FB_GW_07012025 (460-329729-6) and (460-329729-D-1 DU)

Method 7196A - Chromium, Hexavalent
Samples RXMW-02 (460-329729-1), RXMW-02 (460-329729-1DU), RXMW-02 (460-329729-1MS), DUP_GW_07012025 (460-329729-2), RXMW-06 (460-329729-3), RXMW-08 (460-329729-4), RXMW-03 (460-329729-5) and FB_GW_07012025 (460-329729-6) were analyzed for Chromium, Hexavalent. The samples were analyzed on 7/2/2025.

Method 7196A - Chromium, Trivalent (Colorimetric)
Samples RXMW-02 (460-329729-1), DUP_GW_07012025 (460-329729-2), RXMW-06 (460-329729-3), RXMW-08 (460-329729-4), RXMW-03 (460-329729-5) and FB_GW_07012025 (460-329729-6) were analyzed for Chromium, Trivalent (Colorimetric). The samples were analyzed on 7/8/2025.

Method 9012B - Cyanide, Total andor Amenable
Samples RXMW-02 (460-329729-1), RXMW-02 (460-329729-1MS), RXMW-02 (460-329729-1MSD), DUP_GW_07012025 (460-329729-2), RXMW-06 (460-329729-3), RXMW-08 (460-329729-4), RXMW-03 (460-329729-5) and FB_GW_07012025 (460-329729-6) were analyzed for Cyanide, Total andor Amenable. The samples were prepared and analyzed on 7/6/2025.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-02 — Lab Sample ID: 460-329729-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroethane	0.48	J *	1.0	0.32	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.81	J	1.0	0.22	ug/L	1		8260D	Total/NA
tert-Butylbenzene	0.49	J	1.0	0.34	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.56		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA
Acenaphthene	2.8	J	10	1.1	ug/L	1		8270E	Total/NA
Aluminum	40.0		40.0	11.7	ug/L	1		6020B	Total Recoverable
Barium	98.7		4.0	0.93	ug/L	1		6020B	Total Recoverable
Calcium	106000		500	31.7	ug/L	1		6020B	Total Recoverable
Iron	634		120	33.7	ug/L	1		6020B	Total Recoverable
Magnesium	11500		200	21.8	ug/L	1		6020B	Total Recoverable
Manganese	163		8.0	0.84	ug/L	1		6020B	Total Recoverable
Nickel	1.9	J	4.0	1.4	ug/L	1		6020B	Total Recoverable
Potassium	14300		200	114	ug/L	1		6020B	Total Recoverable
Sodium	37100		500	180	ug/L	1		6020B	Total Recoverable
Barium	91.3		4.0	0.93	ug/L	1		6020B	Dissolved
Calcium	104000		500	31.7	ug/L	1		6020B	Dissolved
Magnesium	11900		200	21.8	ug/L	1		6020B	Dissolved
Manganese	157		8.0	0.84	ug/L	1		6020B	Dissolved
Potassium	14600		200	114	ug/L	1		6020B	Dissolved
Sodium	38100		500	180	ug/L	1		6020B	Dissolved
Zinc	12.7	J B	16.0	4.2	ug/L	1		6020B	Dissolved
Cyanide, Total	0.0044	J	0.010	0.0040	mg/L	1		9012B	Total/NA

Client Sample ID: DUP_GW_07012025 — Lab Sample ID: 460-329729-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroethane	0.55	J *	1.0	0.32	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.84	J	1.0	0.22	ug/L	1		8260D	Total/NA
tert-Butylbenzene	0.47	J	1.0	0.34	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.58		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA
Acenaphthene	2.9	J	10	1.1	ug/L	1		8270E	Total/NA
Aluminum	37.0	J	40.0	11.7	ug/L	1		6020B	Total Recoverable
Barium	102		4.0	0.93	ug/L	1		6020B	Total Recoverable
Calcium	109000		500	31.7	ug/L	1		6020B	Total Recoverable
Iron	642		120	33.7	ug/L	1		6020B	Total Recoverable
Magnesium	11800		200	21.8	ug/L	1		6020B	Total Recoverable
Manganese	168		8.0	0.84	ug/L	1		6020B	Total Recoverable
Nickel	2.0	J	4.0	1.4	ug/L	1		6020B	Total Recoverable
Potassium	14500		200	114	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: DUP_GW_07012025 (Continued)
Lab Sample ID: 460-329729-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	37900		500	180	ug/L	1		6020B	Total Recoverable
Zinc	4.5	J	16.0	4.2	ug/L	1		6020B	Total Recoverable
Barium	96.5		4.0	0.93	ug/L	1		6020B	Dissolved
Calcium	106000		500	31.7	ug/L	1		6020B	Dissolved
Magnesium	12600		200	21.8	ug/L	1		6020B	Dissolved
Manganese	155		8.0	0.84	ug/L	1		6020B	Dissolved
Potassium	14600		200	114	ug/L	1		6020B	Dissolved
Sodium	46200		500	180	ug/L	1		6020B	Dissolved

Client Sample ID: RXMW-06
Lab Sample ID: 460-329729-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.46	J	1.0	0.26	ug/L	1		8260D	Total/NA
1,2,4-Trimethylbenzene	1.8		1.0	0.37	ug/L	1		8260D	Total/NA
1,3,5-Trimethylbenzene	0.72	J	1.0	0.33	ug/L	1		8260D	Total/NA
Acetone	15		5.0	4.4	ug/L	1		8260D	Total/NA
Benzene	1.1		0.45	0.070	ug/L	1		8260D	Total/NA
Cyclohexane	0.41	J	1.0	0.32	ug/L	1		8260D	Total/NA
Ethylbenzene	0.65	J	1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	2.9		1.0	0.34	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	53		1.0	0.22	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	0.40	J	1.0	0.30	ug/L	1		8260D	Total/NA
n-Butylbenzene	0.87	J	1.0	0.32	ug/L	1		8260D	Total/NA
N-Propylbenzene	1.9		1.0	0.32	ug/L	1		8260D	Total/NA
o-Xylene	0.99	J	1.0	0.36	ug/L	1		8260D	Total/NA
sec-Butylbenzene	1.8		1.0	0.37	ug/L	1		8260D	Total/NA
Xylenes, Total	1.4	J	2.0	0.65	ug/L	1		8260D	Total/NA
1,4-Dioxane	1.2		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA
2-Methylnaphthalene	1.6	J	10	0.53	ug/L	1		8270E	Total/NA
Naphthalene	0.84	J	2.0	0.54	ug/L	1		8270E	Total/NA
Aluminum	2600		40.0	11.7	ug/L	1		6020B	Total Recoverable
Antimony	3.0		2.0	0.48	ug/L	1		6020B	Total Recoverable
Arsenic	27.0		2.0	1.2	ug/L	1		6020B	Total Recoverable
Barium	72.4		4.0	0.93	ug/L	1		6020B	Total Recoverable
Beryllium	0.16	J	0.80	0.12	ug/L	1		6020B	Total Recoverable
Calcium	215000		500	31.7	ug/L	1		6020B	Total Recoverable
Chromium	19.4		4.0	1.7	ug/L	1		6020B	Total Recoverable
Cobalt	5.1		2.0	0.18	ug/L	1		6020B	Total Recoverable
Copper	19.2		4.0	2.0	ug/L	1		6020B	Total Recoverable
Iron	6760		120	33.7	ug/L	1		6020B	Total Recoverable
Lead	24.7		1.2	0.42	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: RXMW-06 (Continued)
Lab Sample ID: 460-329729-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	28000		200	21.8	ug/L	1		6020B	Total Recoverable
Manganese	336		8.0	0.84	ug/L	1		6020B	Total Recoverable
Nickel	24.0		4.0	1.4	ug/L	1		6020B	Total Recoverable
Potassium	30800		200	114	ug/L	1		6020B	Total Recoverable
Selenium	0.63	J	2.5	0.43	ug/L	1		6020B	Total Recoverable
Sodium	189000		500	180	ug/L	1		6020B	Total Recoverable
Vanadium	16.1		4.0	1.0	ug/L	1		6020B	Total Recoverable
Zinc	39.7		16.0	4.2	ug/L	1		6020B	Total Recoverable
Antimony	3.3		2.0	0.48	ug/L	1		6020B	Dissolved
Arsenic	5.6		2.0	1.2	ug/L	1		6020B	Dissolved
Barium	56.3		4.0	0.93	ug/L	1		6020B	Dissolved
Calcium	225000		500	31.7	ug/L	1		6020B	Dissolved
Cobalt	2.7		2.0	0.18	ug/L	1		6020B	Dissolved
Iron	80.7	J	120	33.7	ug/L	1		6020B	Dissolved
Magnesium	28200		200	21.8	ug/L	1		6020B	Dissolved
Manganese	271		8.0	0.84	ug/L	1		6020B	Dissolved
Nickel	14.1		4.0	1.4	ug/L	1		6020B	Dissolved
Potassium	32600		200	114	ug/L	1		6020B	Dissolved
Selenium	0.90	J	2.5	0.43	ug/L	1		6020B	Dissolved
Sodium	199000		500	180	ug/L	1		6020B	Dissolved
Vanadium	1.5	J	4.0	1.0	ug/L	1		6020B	Dissolved
Cr (III)	19.4		10.0	10.0	ug/L	1		7196A	Total/NA
Cyanide, Total	0.0047	J	0.010	0.0040	mg/L	1		9012B	Total/NA

Client Sample ID: RXMW-08
Lab Sample ID: 460-329729-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.9		5.0	4.4	ug/L	1		8260D	Total/NA
Cyclohexane	1.3		1.0	0.32	ug/L	1		8260D	Total/NA
Isopropylbenzene	1.3		1.0	0.34	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	3.4		1.0	0.22	ug/L	1		8260D	Total/NA
Methylcyclohexane	2.4		1.0	0.71	ug/L	1		8260D	Total/NA
n-Butylbenzene	0.66	J	1.0	0.32	ug/L	1		8260D	Total/NA
sec-Butylbenzene	2.6		1.0	0.37	ug/L	1		8260D	Total/NA
tert-Butylbenzene	1.1		1.0	0.34	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.83		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA
Acenaphthene	1.2	J	10	1.1	ug/L	1		8270E	Total/NA
Aluminum	3040		40.0	11.7	ug/L	1		6020B	Total Recoverable
Antimony	0.52	J	2.0	0.48	ug/L	1		6020B	Total Recoverable
Arsenic	3.5		2.0	1.2	ug/L	1		6020B	Total Recoverable
Barium	106		4.0	0.93	ug/L	1		6020B	Total Recoverable
Beryllium	0.13	J	0.80	0.12	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: RXMW-08 (Continued) — Lab Sample ID: 460-329729-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	120000		500	31.7	ug/L	1		6020B	Total Recoverable
Chromium	9.4		4.0	1.7	ug/L	1		6020B	Total Recoverable
Cobalt	3.4		2.0	0.18	ug/L	1		6020B	Total Recoverable
Copper	20.5		4.0	2.0	ug/L	1		6020B	Total Recoverable
Iron	8640		120	33.7	ug/L	1		6020B	Total Recoverable
Lead	13.5		1.2	0.42	ug/L	1		6020B	Total Recoverable
Magnesium	41900		200	21.8	ug/L	1		6020B	Total Recoverable
Manganese	432		8.0	0.84	ug/L	1		6020B	Total Recoverable
Nickel	9.8		4.0	1.4	ug/L	1		6020B	Total Recoverable
Potassium	18200		200	114	ug/L	1		6020B	Total Recoverable
Sodium	124000		500	180	ug/L	1		6020B	Total Recoverable
Vanadium	7.6		4.0	1.0	ug/L	1		6020B	Total Recoverable
Zinc	46.5		16.0	4.2	ug/L	1		6020B	Total Recoverable
Barium	78.5		4.0	0.93	ug/L	1		6020B	Dissolved
Calcium	133000		500	31.7	ug/L	1		6020B	Dissolved
Cobalt	0.63	J	2.0	0.18	ug/L	1		6020B	Dissolved
Magnesium	43900		200	21.8	ug/L	1		6020B	Dissolved
Manganese	248		8.0	0.84	ug/L	1		6020B	Dissolved
Nickel	2.6	J	4.0	1.4	ug/L	1		6020B	Dissolved
Potassium	20300		200	114	ug/L	1		6020B	Dissolved
Sodium	138000		500	180	ug/L	1		6020B	Dissolved

Client Sample ID: RXMW-03 — Lab Sample ID: 460-329729-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.9		5.0	4.4	ug/L	1		8260D	Total/NA
Ethylbenzene	0.36	J	1.0	0.30	ug/L	1		8260D	Total/NA
1,4-Dioxane	9.4		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA
Naphthalene	1.6	J	2.0	0.54	ug/L	1		8270E	Total/NA
1,4-Dioxane	3.9	J	10	1.6	ug/L	1		8270E	Total/NA
Aluminum	1810		40.0	11.7	ug/L	1		6020B	Total Recoverable
Antimony	0.73	J	2.0	0.48	ug/L	1		6020B	Total Recoverable
Barium	560		4.0	0.93	ug/L	1		6020B	Total Recoverable
Calcium	264000		500	31.7	ug/L	1		6020B	Total Recoverable
Chromium	5.1		4.0	1.7	ug/L	1		6020B	Total Recoverable
Cobalt	4.1		2.0	0.18	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: RXMW-03 (Continued) — Lab Sample ID: 460-329729-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	9.8		4.0	2.0	ug/L	1		6020B	Total Recoverable
Iron	5560		120	33.7	ug/L	1		6020B	Total Recoverable
Lead	5.2		1.2	0.42	ug/L	1		6020B	Total Recoverable
Magnesium	188000		200	21.8	ug/L	1		6020B	Total Recoverable
Manganese	259		8.0	0.84	ug/L	1		6020B	Total Recoverable
Nickel	7.8		4.0	1.4	ug/L	1		6020B	Total Recoverable
Potassium	73000		200	114	ug/L	1		6020B	Total Recoverable
Selenium	0.56	J	2.5	0.43	ug/L	1		6020B	Total Recoverable
Sodium	1830000		5000	1800	ug/L	10		6020B	Total Recoverable
Vanadium	5.1		4.0	1.0	ug/L	1		6020B	Total Recoverable
Zinc	14.4	J	16.0	4.2	ug/L	1		6020B	Total Recoverable
Antimony	0.51	J	2.0	0.48	ug/L	1		6020B	Dissolved
Barium	580		4.0	0.93	ug/L	1		6020B	Dissolved
Calcium	308000		500	31.7	ug/L	1		6020B	Dissolved
Cobalt	2.0		2.0	0.18	ug/L	1		6020B	Dissolved
Magnesium	204000		200	21.8	ug/L	1		6020B	Dissolved
Manganese	283		8.0	0.84	ug/L	1		6020B	Dissolved
Nickel	3.4	J	4.0	1.4	ug/L	1		6020B	Dissolved
Potassium	79000		200	114	ug/L	1		6020B	Dissolved
Selenium	0.67	J	2.5	0.43	ug/L	1		6020B	Dissolved
Sodium	2210000		2500	900	ug/L	5		6020B	Dissolved

Client Sample ID: FB_GW_07012025 — Lab Sample ID: 460-329729-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	54.8	J	500	31.7	ug/L	1		6020B	Total Recoverable
Sodium	263	J	500	180	ug/L	1		6020B	Total Recoverable

Client Sample ID: TRIP BLANK — Lab Sample ID: 460-329729-7

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-329729-1

Client Sample ID: RXMW-02

Date Collected: 07/01/25 09:30
Date Received: 07/01/25 19:20

Lab Sample ID: 460-329729-1

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			07/08/25 04:17	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			07/08/25 04:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			07/08/25 04:17	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			07/08/25 04:17	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			07/08/25 04:17	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			07/08/25 04:17	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			07/08/25 04:17	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			07/08/25 04:17	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			07/08/25 04:17	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			07/08/25 04:17	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			07/08/25 04:17	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			07/08/25 04:17	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			07/08/25 04:17	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			07/08/25 04:17	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			07/08/25 04:17	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			07/08/25 04:17	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			07/08/25 04:17	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			07/08/25 04:17	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			07/08/25 04:17	1
Acetone	5.0	U	5.0	4.4	ug/L			07/08/25 04:17	1
Benzene	0.45	U	0.45	0.070	ug/L			07/08/25 04:17	1
Bromoform	1.0	U	1.0	0.54	ug/L			07/08/25 04:17	1
Bromomethane	1.0	U	1.0	0.55	ug/L			07/08/25 04:17	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			07/08/25 04:17	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			07/08/25 04:17	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			07/08/25 04:17	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			07/08/25 04:17	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			07/08/25 04:17	1
Chloroethane	**0.48**	**J ***	1.0	0.32	ug/L			07/08/25 04:17	1
Chloroform	1.0	U	1.0	0.33	ug/L			07/08/25 04:17	1
Chloromethane	1.0	U	1.0	0.40	ug/L			07/08/25 04:17	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			07/08/25 04:17	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			07/08/25 04:17	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			07/08/25 04:17	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			07/08/25 04:17	1
Dichlorodifluoromethane	1.0	U *	1.0	0.31	ug/L			07/08/25 04:17	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			07/08/25 04:17	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			07/08/25 04:17	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			07/08/25 04:17	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			07/08/25 04:17	1
Methyl tert-butyl ether	**0.81**	**J**	1.0	0.22	ug/L			07/08/25 04:17	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			07/08/25 04:17	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			07/08/25 04:17	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			07/08/25 04:17	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			07/08/25 04:17	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			07/08/25 04:17	1
o-Xylene	1.0	U	1.0	0.36	ug/L			07/08/25 04:17	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			07/08/25 04:17	1
Styrene	1.0	U	1.0	0.42	ug/L			07/08/25 04:17	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-02
Lab Sample ID: 460-329729-1
Date Collected: 07/01/25 09:30
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	**0.49**	**J**	1.0	0.34	ug/L			07/08/25 04:17	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			07/08/25 04:17	1
Toluene	1.0	U	1.0	0.38	ug/L			07/08/25 04:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			07/08/25 04:17	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			07/08/25 04:17	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			07/08/25 04:17	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			07/08/25 04:17	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			07/08/25 04:17	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			07/08/25 04:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*78*		*70 - 128*		*07/08/25 04:17*	*1*
4-Bromofluorobenzene	*110*		*76 - 120*		*07/08/25 04:17*	*1*
Dibromofluoromethane (Surr)	*85*		*77 - 132*		*07/08/25 04:17*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*07/08/25 04:17*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.56**		0.20	0.072	ug/L		07/02/25 12:05	07/03/25 01:32	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*59*		*10 - 150*	*07/02/25 12:05*	*07/03/25 01:32*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	5.0	U	5.0	1.2	ug/L		07/02/25 12:09	07/03/25 15:44	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 15:44	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		07/02/25 12:09	07/03/25 15:44	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		07/02/25 12:09	07/03/25 15:44	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		07/02/25 12:09	07/03/25 15:44	1
2,4,6-Trichlorophenol	3.0	U	3.0	0.86	ug/L		07/02/25 12:09	07/03/25 15:44	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		07/02/25 12:09	07/03/25 15:44	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		07/02/25 12:09	07/03/25 15:44	1
2,4-Dinitrophenol	40	U	40	11	ug/L		07/02/25 12:09	07/03/25 15:44	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		07/02/25 12:09	07/03/25 15:44	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		07/02/25 12:09	07/03/25 15:44	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 15:44	1
2-Chlorophenol	10	U	10	0.95	ug/L		07/02/25 12:09	07/03/25 15:44	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		07/02/25 12:09	07/03/25 15:44	1
2-Methylphenol	10	U	10	0.67	ug/L		07/02/25 12:09	07/03/25 15:44	1
2-Nitroaniline	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 15:44	1
2-Nitrophenol	10	U	10	0.75	ug/L		07/02/25 12:09	07/03/25 15:44	1
3 & 4 Methylphenol	10	U	10	0.64	ug/L		07/02/25 12:09	07/03/25 15:44	1
3,3'-Dichlorobenzidine	5.2	U	5.2	1.4	ug/L		07/02/25 12:09	07/03/25 15:44	1
3-Nitroaniline	10	U	10	1.9	ug/L		07/02/25 12:09	07/03/25 15:44	1
4,6-Dinitro-2-methylphenol	20	U	20	8.6	ug/L		07/02/25 12:09	07/03/25 15:44	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		07/02/25 12:09	07/03/25 15:44	1
4-Chloro-3-methylphenol	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 15:44	1
4-Chloroaniline	5.0	U	5.0	1.9	ug/L		07/02/25 12:09	07/03/25 15:44	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 15:44	1
4-Methylphenol	10	U	10	0.65	ug/L		07/02/25 12:09	07/03/25 15:44	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-02
Lab Sample ID: 460-329729-1
Date Collected: 07/01/25 09:30
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 15:44	1
4-Nitrophenol	20	U	20	4.0	ug/L		07/02/25 12:09	07/03/25 15:44	1
Acenaphthene	**2.8**	**J**	10	1.1	ug/L		07/02/25 12:09	07/03/25 15:44	1
Acenaphthylene	10	U	10	0.82	ug/L		07/02/25 12:09	07/03/25 15:44	1
Acetophenone	10	U	10	2.3	ug/L		07/02/25 12:09	07/03/25 15:44	1
Anthracene	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 15:44	1
Atrazine	2.0	U *	2.0	1.3	ug/L		07/02/25 12:09	07/03/25 15:44	1
Benzaldehyde	10	U *	10	2.1	ug/L		07/02/25 12:09	07/03/25 15:44	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		07/02/25 12:09	07/03/25 15:44	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		07/02/25 12:09	07/03/25 15:44	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		07/02/25 12:09	07/03/25 15:44	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		07/02/25 12:09	07/03/25 15:44	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		07/02/25 12:09	07/03/25 15:44	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		07/02/25 12:09	07/03/25 15:44	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		07/02/25 12:09	07/03/25 15:44	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		07/02/25 12:09	07/03/25 15:44	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		07/02/25 12:09	07/03/25 15:44	1
Caprolactam	10	U	10	2.2	ug/L		07/02/25 12:09	07/03/25 15:44	1
Carbazole	10	U	10	0.68	ug/L		07/02/25 12:09	07/03/25 15:44	1
Chrysene	2.0	U	2.0	0.91	ug/L		07/02/25 12:09	07/03/25 15:44	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		07/02/25 12:09	07/03/25 15:44	1
Dibenzofuran	10	U	10	1.1	ug/L		07/02/25 12:09	07/03/25 15:44	1
Diethyl phthalate	10	U	10	0.98	ug/L		07/02/25 12:09	07/03/25 15:44	1
Dimethyl phthalate	10	U	10	0.77	ug/L		07/02/25 12:09	07/03/25 15:44	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		07/02/25 12:09	07/03/25 15:44	1
Di-n-octyl phthalate	10	U	10	4.0	ug/L		07/02/25 12:09	07/03/25 15:44	1
Fluoranthene	10	U	10	0.84	ug/L		07/02/25 12:09	07/03/25 15:44	1
Fluorene	10	U	10	0.91	ug/L		07/02/25 12:09	07/03/25 15:44	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		07/02/25 12:09	07/03/25 15:44	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		07/02/25 12:09	07/03/25 15:44	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		07/02/25 12:09	07/03/25 15:44	1
Hexachloroethane	0.80	U	0.80	0.31	ug/L		07/02/25 12:09	07/03/25 15:44	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		07/02/25 12:09	07/03/25 15:44	1
Isophorone	10	U	10	0.80	ug/L		07/02/25 12:09	07/03/25 15:44	1
Naphthalene	2.0	U	2.0	0.54	ug/L		07/02/25 12:09	07/03/25 15:44	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		07/02/25 12:09	07/03/25 15:44	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		07/02/25 12:09	07/03/25 15:44	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		07/02/25 12:09	07/03/25 15:44	1
Pentachlorophenol	20	U	20	6.6	ug/L		07/02/25 12:09	07/03/25 15:44	1
Phenanthrene	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 15:44	1
Phenol	10	U	10	0.29	ug/L		07/02/25 12:09	07/03/25 15:44	1
Pyrene	10	U	10	1.6	ug/L		07/02/25 12:09	07/03/25 15:44	1
1,4-Dioxane	10	U	10	1.6	ug/L		07/02/25 12:09	07/03/25 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*24 - 150*	*07/02/25 12:09*	*07/03/25 15:44*	*1*
2-Fluorobiphenyl	*74*		*38 - 139*	*07/02/25 12:09*	*07/03/25 15:44*	*1*
2-Fluorophenol (Surr)	*45*		*10 - 90*	*07/02/25 12:09*	*07/03/25 15:44*	*1*
Nitrobenzene-d5 (Surr)	*77*		*39 - 145*	*07/02/25 12:09*	*07/03/25 15:44*	*1*
Phenol-d5 (Surr)	*28*		*10 - 68*	*07/02/25 12:09*	*07/03/25 15:44*	*1*

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-02
Lab Sample ID: 460-329729-1
Date Collected: 07/01/25 09:30
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	*34*		*10 - 133*	*07/02/25 12:09*	*07/03/25 15:44*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		07/02/25 10:49	07/03/25 05:08	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 05:08	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 05:08	1
Aldrin	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 05:08	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		07/02/25 10:49	07/03/25 05:08	1
beta-BHC	0.020	U	0.020	0.015	ug/L		07/02/25 10:49	07/03/25 05:08	1
Chlordane (technical)	0.20	U	0.20	0.055	ug/L		07/02/25 10:49	07/03/25 05:08	1
cis-Chlordane	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 05:08	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		07/02/25 10:49	07/03/25 05:08	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 05:08	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 05:08	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 05:08	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		07/02/25 10:49	07/03/25 05:08	1
Endrin	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 05:08	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		07/02/25 10:49	07/03/25 05:08	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		07/02/25 10:49	07/03/25 05:08	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		07/02/25 10:49	07/03/25 05:08	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 05:08	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		07/02/25 10:49	07/03/25 05:08	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 05:08	1
Toxaphene	0.50	U	0.50	0.11	ug/L		07/02/25 10:49	07/03/25 05:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*78*		*10 - 131*	*07/02/25 10:49*	*07/03/25 05:08*	*1*
DCB Decachlorobiphenyl	*81*		*10 - 131*	*07/02/25 10:49*	*07/03/25 05:08*	*1*
Tetrachloro-m-xylene	*73*		*31 - 120*	*07/02/25 10:49*	*07/03/25 05:08*	*1*
Tetrachloro-m-xylene	*69*		*31 - 120*	*07/02/25 10:49*	*07/03/25 05:08*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/03/25 07:37	1
Aroclor 1221	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/03/25 07:37	1
Aroclor 1232	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/03/25 07:37	1
Aroclor 1242	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/03/25 07:37	1
Aroclor 1248	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/03/25 07:37	1
Aroclor 1254	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/03/25 07:37	1
Aroclor 1260	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/03/25 07:37	1
Aroclor-1262	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/03/25 07:37	1
Aroclor 1268	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/03/25 07:37	1
Polychlorinated biphenyls, Total	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/03/25 07:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*62*		*10 - 127*	*07/02/25 10:39*	*07/03/25 07:37*	*1*
DCB Decachlorobiphenyl	*85*		*10 - 127*	*07/02/25 10:39*	*07/03/25 07:37*	*1*
Tetrachloro-m-xylene	*54*		*21 - 139*	*07/02/25 10:39*	*07/03/25 07:37*	*1*
Tetrachloro-m-xylene	*63*		*21 - 139*	*07/02/25 10:39*	*07/03/25 07:37*	*1*

Client Sample ID: RXMW-02
Date Collected: 07/01/25 09:30
Date Received: 07/01/25 19:20

Lab Sample ID: 460-329729-1
Matrix: Water

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	1.2	U *	1.2	0.12	ug/L		07/03/25 07:45	07/06/25 19:55	1
2,4-D	1.2	U *	1.2	0.13	ug/L		07/03/25 07:45	07/06/25 19:55	1
Silvex (2,4,5-TP)	1.2	U	1.2	0.11	ug/L		07/03/25 07:45	07/06/25 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*126*		*10 - 150*	*07/03/25 07:45*	*07/06/25 19:55*	*1*
2,4-Dichlorophenylacetic acid	*123*		*10 - 150*	*07/03/25 07:45*	*07/06/25 19:55*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**40.0**		40.0	11.7	ug/L		07/05/25 20:40	07/07/25 13:56	1
Antimony	2.0	U	2.0	0.48	ug/L		07/05/25 20:40	07/07/25 13:56	1
Arsenic	2.0	U	2.0	1.2	ug/L		07/05/25 20:40	07/07/25 13:56	1
Barium	**98.7**		4.0	0.93	ug/L		07/05/25 20:40	07/07/25 13:56	1
Beryllium	0.80	U	0.80	0.12	ug/L		07/05/25 20:40	07/07/25 13:56	1
Cadmium	0.92	U	0.92	0.26	ug/L		07/05/25 20:40	07/07/25 13:56	1
Calcium	**106000**		500	31.7	ug/L		07/05/25 20:40	07/07/25 13:56	1
Chromium	4.0	U	4.0	1.7	ug/L		07/05/25 20:40	07/07/25 13:56	1
Cobalt	2.0	U	2.0	0.18	ug/L		07/05/25 20:40	07/07/25 13:56	1
Copper	4.0	U	4.0	2.0	ug/L		07/05/25 20:40	07/07/25 13:56	1
Iron	**634**		120	33.7	ug/L		07/05/25 20:40	07/07/25 13:56	1
Lead	1.2	U	1.2	0.42	ug/L		07/05/25 20:40	07/07/25 13:56	1
Magnesium	**11500**		200	21.8	ug/L		07/05/25 20:40	07/07/25 13:56	1
Manganese	**163**		8.0	0.84	ug/L		07/05/25 20:40	07/07/25 13:56	1
Nickel	**1.9**	**J**	4.0	1.4	ug/L		07/05/25 20:40	07/07/25 13:56	1
Potassium	**14300**		200	114	ug/L		07/05/25 20:40	07/07/25 13:56	1
Selenium	2.5	U	2.5	0.43	ug/L		07/05/25 20:40	07/07/25 13:56	1
Silver	2.0	U	2.0	1.3	ug/L		07/05/25 20:40	07/07/25 13:56	1
Sodium	**37100**		500	180	ug/L		07/05/25 20:40	07/07/25 13:56	1
Thallium	0.50	U	0.50	0.16	ug/L		07/05/25 20:40	07/07/25 13:56	1
Vanadium	4.0	U	4.0	1.0	ug/L		07/05/25 20:40	07/07/25 13:56	1
Zinc	16.0	U	16.0	4.2	ug/L		07/05/25 20:40	07/07/25 13:56	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	40.0	U	40.0	11.7	ug/L		07/08/25 02:30	07/08/25 19:40	1
Antimony	2.0	U	2.0	0.48	ug/L		07/08/25 02:30	07/08/25 19:40	1
Arsenic	2.0	U	2.0	1.2	ug/L		07/08/25 02:30	07/08/25 19:40	1
Barium	**91.3**		4.0	0.93	ug/L		07/08/25 02:30	07/08/25 19:40	1
Beryllium	0.80	U	0.80	0.12	ug/L		07/08/25 02:30	07/08/25 19:40	1
Cadmium	0.92	U	0.92	0.26	ug/L		07/08/25 02:30	07/08/25 19:40	1
Calcium	**104000**		500	31.7	ug/L		07/08/25 02:30	07/08/25 19:40	1
Chromium	4.0	U	4.0	1.7	ug/L		07/08/25 02:30	07/08/25 19:40	1
Cobalt	2.0	U	2.0	0.18	ug/L		07/08/25 02:30	07/08/25 19:40	1
Copper	4.0	U	4.0	2.0	ug/L		07/08/25 02:30	07/08/25 19:40	1
Iron	120	U	120	33.7	ug/L		07/08/25 02:30	07/08/25 19:40	1
Lead	1.2	U	1.2	0.42	ug/L		07/08/25 02:30	07/08/25 19:40	1
Magnesium	**11900**		200	21.8	ug/L		07/08/25 02:30	07/08/25 19:40	1
Manganese	**157**		8.0	0.84	ug/L		07/08/25 02:30	07/08/25 19:40	1
Nickel	4.0	U	4.0	1.4	ug/L		07/08/25 02:30	07/08/25 19:40	1

Client Sample ID: RXMW-02
Lab Sample ID: 460-329729-1
Date Collected: 07/01/25 09:30
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 6020B - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**14600**		200	114	ug/L		07/08/25 02:30	07/08/25 19:40	1
Selenium	2.5	U	2.5	0.43	ug/L		07/08/25 02:30	07/08/25 19:40	1
Silver	2.0	U	2.0	1.3	ug/L		07/08/25 02:30	07/08/25 19:40	1
Sodium	**38100**		500	180	ug/L		07/08/25 02:30	07/08/25 19:40	1
Thallium	0.50	U	0.50	0.16	ug/L		07/08/25 02:30	07/08/25 19:40	1
Vanadium	4.0	U	4.0	1.0	ug/L		07/08/25 02:30	07/08/25 19:40	1
Zinc	**12.7**	**J B**	16.0	4.2	ug/L		07/08/25 02:30	07/08/25 19:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		07/07/25 10:43	07/07/25 17:39	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		07/07/25 09:58	07/07/25 16:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	10.0	U	10.0	10.0	ug/L			07/08/25 07:16	1
Cr (VI) (SW846 7196A)	10.0	U	10.0	2.9	ug/L			07/02/25 08:30	1
Cyanide, Total (SW846 9012B)	**0.0044**	**J**	0.010	0.0040	mg/L		07/06/25 15:31	07/06/25 16:23	1

Client Sample ID: DUP_GW_07012025
Lab Sample ID: 460-329729-2
Date Collected: 07/01/25 10:10
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			07/08/25 04:43	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			07/08/25 04:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			07/08/25 04:43	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			07/08/25 04:43	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			07/08/25 04:43	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			07/08/25 04:43	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			07/08/25 04:43	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			07/08/25 04:43	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			07/08/25 04:43	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			07/08/25 04:43	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			07/08/25 04:43	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			07/08/25 04:43	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			07/08/25 04:43	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			07/08/25 04:43	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			07/08/25 04:43	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			07/08/25 04:43	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			07/08/25 04:43	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			07/08/25 04:43	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			07/08/25 04:43	1
Acetone	5.0	U	5.0	4.4	ug/L			07/08/25 04:43	1
Benzene	0.45	U	0.45	0.070	ug/L			07/08/25 04:43	1
Bromoform	1.0	U	1.0	0.54	ug/L			07/08/25 04:43	1
Bromomethane	1.0	U	1.0	0.55	ug/L			07/08/25 04:43	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: DUP_GW_07012025
Lab Sample ID: 460-329729-2
Date Collected: 07/01/25 10:10
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	1.0	U	1.0	0.82	ug/L			07/08/25 04:43	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			07/08/25 04:43	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			07/08/25 04:43	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			07/08/25 04:43	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			07/08/25 04:43	1
Chloroethane	**0.55**	**J ***	1.0	0.32	ug/L			07/08/25 04:43	1
Chloroform	1.0	U	1.0	0.33	ug/L			07/08/25 04:43	1
Chloromethane	1.0	U	1.0	0.40	ug/L			07/08/25 04:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			07/08/25 04:43	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			07/08/25 04:43	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			07/08/25 04:43	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			07/08/25 04:43	1
Dichlorodifluoromethane	1.0	U *	1.0	0.31	ug/L			07/08/25 04:43	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			07/08/25 04:43	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			07/08/25 04:43	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			07/08/25 04:43	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			07/08/25 04:43	1
Methyl tert-butyl ether	**0.84**	**J**	1.0	0.22	ug/L			07/08/25 04:43	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			07/08/25 04:43	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			07/08/25 04:43	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			07/08/25 04:43	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			07/08/25 04:43	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			07/08/25 04:43	1
o-Xylene	1.0	U	1.0	0.36	ug/L			07/08/25 04:43	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			07/08/25 04:43	1
Styrene	1.0	U	1.0	0.42	ug/L			07/08/25 04:43	1
tert-Butylbenzene	**0.47**	**J**	1.0	0.34	ug/L			07/08/25 04:43	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			07/08/25 04:43	1
Toluene	1.0	U	1.0	0.38	ug/L			07/08/25 04:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			07/08/25 04:43	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			07/08/25 04:43	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			07/08/25 04:43	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			07/08/25 04:43	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			07/08/25 04:43	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			07/08/25 04:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*78*		*70 - 128*		*07/08/25 04:43*	*1*
4-Bromofluorobenzene	*110*		*76 - 120*		*07/08/25 04:43*	*1*
Dibromofluoromethane (Surr)	*86*		*77 - 132*		*07/08/25 04:43*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*07/08/25 04:43*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.58**		0.20	0.072	ug/L		07/02/25 12:05	07/02/25 22:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*56*		*10 - 150*	*07/02/25 12:05*	*07/02/25 22:54*	*1*

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: DUP_GW_07012025
Lab Sample ID: 460-329729-2

Date Collected: 07/01/25 10:10
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	5.0	U	5.0	1.2	ug/L		07/02/25 12:09	07/03/25 07:39	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 07:39	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		07/02/25 12:09	07/03/25 07:39	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		07/02/25 12:09	07/03/25 07:39	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		07/02/25 12:09	07/03/25 07:39	1
2,4,6-Trichlorophenol	3.0	U	3.0	0.86	ug/L		07/02/25 12:09	07/03/25 07:39	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		07/02/25 12:09	07/03/25 07:39	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		07/02/25 12:09	07/03/25 07:39	1
2,4-Dinitrophenol	40	U	40	11	ug/L		07/02/25 12:09	07/03/25 07:39	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		07/02/25 12:09	07/03/25 07:39	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		07/02/25 12:09	07/03/25 07:39	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 07:39	1
2-Chlorophenol	10	U	10	0.95	ug/L		07/02/25 12:09	07/03/25 07:39	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		07/02/25 12:09	07/03/25 07:39	1
2-Methylphenol	10	U	10	0.67	ug/L		07/02/25 12:09	07/03/25 07:39	1
2-Nitroaniline	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 07:39	1
2-Nitrophenol	10	U	10	0.75	ug/L		07/02/25 12:09	07/03/25 07:39	1
3 & 4 Methylphenol	10	U	10	0.64	ug/L		07/02/25 12:09	07/03/25 07:39	1
3,3'-Dichlorobenzidine	5.2	U	5.2	1.4	ug/L		07/02/25 12:09	07/03/25 07:39	1
3-Nitroaniline	10	U	10	1.9	ug/L		07/02/25 12:09	07/03/25 07:39	1
4,6-Dinitro-2-methylphenol	20	U	20	8.6	ug/L		07/02/25 12:09	07/03/25 07:39	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		07/02/25 12:09	07/03/25 07:39	1
4-Chloro-3-methylphenol	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 07:39	1
4-Chloroaniline	5.0	U	5.0	1.9	ug/L		07/02/25 12:09	07/03/25 07:39	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 07:39	1
4-Methylphenol	10	U	10	0.65	ug/L		07/02/25 12:09	07/03/25 07:39	1
4-Nitroaniline	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 07:39	1
4-Nitrophenol	20	U	20	4.0	ug/L		07/02/25 12:09	07/03/25 07:39	1
Acenaphthene	**2.9**	**J**	10	1.1	ug/L		07/02/25 12:09	07/03/25 07:39	1
Acenaphthylene	10	U	10	0.82	ug/L		07/02/25 12:09	07/03/25 07:39	1
Acetophenone	10	U	10	2.3	ug/L		07/02/25 12:09	07/03/25 07:39	1
Anthracene	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 07:39	1
Atrazine	2.0	U *	2.0	1.3	ug/L		07/02/25 12:09	07/03/25 07:39	1
Benzaldehyde	10	U *	10	2.1	ug/L		07/02/25 12:09	07/03/25 07:39	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		07/02/25 12:09	07/03/25 07:39	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		07/02/25 12:09	07/03/25 07:39	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		07/02/25 12:09	07/03/25 07:39	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		07/02/25 12:09	07/03/25 07:39	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		07/02/25 12:09	07/03/25 07:39	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		07/02/25 12:09	07/03/25 07:39	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		07/02/25 12:09	07/03/25 07:39	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		07/02/25 12:09	07/03/25 07:39	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		07/02/25 12:09	07/03/25 07:39	1
Caprolactam	10	U	10	2.2	ug/L		07/02/25 12:09	07/03/25 07:39	1
Carbazole	10	U	10	0.68	ug/L		07/02/25 12:09	07/03/25 07:39	1
Chrysene	2.0	U	2.0	0.91	ug/L		07/02/25 12:09	07/03/25 07:39	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		07/02/25 12:09	07/03/25 07:39	1
Dibenzofuran	10	U	10	1.1	ug/L		07/02/25 12:09	07/03/25 07:39	1
Diethyl phthalate	10	U	10	0.98	ug/L		07/02/25 12:09	07/03/25 07:39	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: DUP_GW_07012025
Lab Sample ID: 460-329729-2
Date Collected: 07/01/25 10:10
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	10	U	10	0.77	ug/L		07/02/25 12:09	07/03/25 07:39	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		07/02/25 12:09	07/03/25 07:39	1
Di-n-octyl phthalate	10	U	10	4.0	ug/L		07/02/25 12:09	07/03/25 07:39	1
Fluoranthene	10	U	10	0.84	ug/L		07/02/25 12:09	07/03/25 07:39	1
Fluorene	10	U	10	0.91	ug/L		07/02/25 12:09	07/03/25 07:39	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		07/02/25 12:09	07/03/25 07:39	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		07/02/25 12:09	07/03/25 07:39	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		07/02/25 12:09	07/03/25 07:39	1
Hexachloroethane	0.80	U	0.80	0.31	ug/L		07/02/25 12:09	07/03/25 07:39	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		07/02/25 12:09	07/03/25 07:39	1
Isophorone	10	U	10	0.80	ug/L		07/02/25 12:09	07/03/25 07:39	1
Naphthalene	2.0	U	2.0	0.54	ug/L		07/02/25 12:09	07/03/25 07:39	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		07/02/25 12:09	07/03/25 07:39	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		07/02/25 12:09	07/03/25 07:39	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		07/02/25 12:09	07/03/25 07:39	1
Pentachlorophenol	20	U	20	6.6	ug/L		07/02/25 12:09	07/03/25 07:39	1
Phenanthrene	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 07:39	1
Phenol	10	U	10	0.29	ug/L		07/02/25 12:09	07/03/25 07:39	1
Pyrene	10	U	10	1.6	ug/L		07/02/25 12:09	07/03/25 07:39	1
1,4-Dioxane	10	U	10	1.6	ug/L		07/02/25 12:09	07/03/25 07:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*24 - 150*	*07/02/25 12:09*	*07/03/25 07:39*	*1*
2-Fluorobiphenyl	*81*		*38 - 139*	*07/02/25 12:09*	*07/03/25 07:39*	*1*
2-Fluorophenol (Surr)	*48*		*10 - 90*	*07/02/25 12:09*	*07/03/25 07:39*	*1*
Nitrobenzene-d5 (Surr)	*88*		*39 - 145*	*07/02/25 12:09*	*07/03/25 07:39*	*1*
Phenol-d5 (Surr)	*33*		*10 - 68*	*07/02/25 12:09*	*07/03/25 07:39*	*1*
Terphenyl-d14 (Surr)	*30*		*10 - 133*	*07/02/25 12:09*	*07/03/25 07:39*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		07/02/25 10:49	07/03/25 05:47	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 05:47	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 05:47	1
Aldrin	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 05:47	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		07/02/25 10:49	07/03/25 05:47	1
beta-BHC	0.020	U	0.020	0.015	ug/L		07/02/25 10:49	07/03/25 05:47	1
Chlordane (technical)	0.20	U	0.20	0.055	ug/L		07/02/25 10:49	07/03/25 05:47	1
cis-Chlordane	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 05:47	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		07/02/25 10:49	07/03/25 05:47	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 05:47	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 05:47	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 05:47	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		07/02/25 10:49	07/03/25 05:47	1
Endrin	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 05:47	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		07/02/25 10:49	07/03/25 05:47	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		07/02/25 10:49	07/03/25 05:47	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		07/02/25 10:49	07/03/25 05:47	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 05:47	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		07/02/25 10:49	07/03/25 05:47	1

Client Sample ID: DUP_GW_07012025
Lab Sample ID: 460-329729-2

Date Collected: 07/01/25 10:10
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 05:47	1
Toxaphene	0.50	U	0.50	0.11	ug/L		07/02/25 10:49	07/03/25 05:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*72*		*10 - 131*	*07/02/25 10:49*	*07/03/25 05:47*	*1*
DCB Decachlorobiphenyl	*73*		*10 - 131*	*07/02/25 10:49*	*07/03/25 05:47*	*1*
Tetrachloro-m-xylene	*67*		*31 - 120*	*07/02/25 10:49*	*07/03/25 05:47*	*1*
Tetrachloro-m-xylene	*66*		*31 - 120*	*07/02/25 10:49*	*07/03/25 05:47*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 20:47	1
Aroclor 1221	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 20:47	1
Aroclor 1232	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 20:47	1
Aroclor 1242	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 20:47	1
Aroclor 1248	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 20:47	1
Aroclor 1254	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 20:47	1
Aroclor 1260	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 20:47	1
Aroclor-1262	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 20:47	1
Aroclor 1268	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 20:47	1
Polychlorinated biphenyls, Total	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 20:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*10 - 127*	*07/02/25 10:39*	*07/02/25 20:47*	*1*
DCB Decachlorobiphenyl	*125*		*10 - 127*	*07/02/25 10:39*	*07/02/25 20:47*	*1*
Tetrachloro-m-xylene	*89*		*21 - 139*	*07/02/25 10:39*	*07/02/25 20:47*	*1*
Tetrachloro-m-xylene	*95*		*21 - 139*	*07/02/25 10:39*	*07/02/25 20:47*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	1.2	U *	1.2	0.12	ug/L		07/03/25 07:45	07/06/25 20:52	1
2,4-D	1.2	U *	1.2	0.13	ug/L		07/03/25 07:45	07/06/25 20:52	1
Silvex (2,4,5-TP)	1.2	U	1.2	0.11	ug/L		07/03/25 07:45	07/06/25 20:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*97*		*10 - 150*	*07/03/25 07:45*	*07/06/25 20:52*	*1*
2,4-Dichlorophenylacetic acid	*94*		*10 - 150*	*07/03/25 07:45*	*07/06/25 20:52*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**37.0**	**J**	40.0	11.7	ug/L		07/05/25 20:40	07/07/25 14:02	1
Antimony	2.0	U	2.0	0.48	ug/L		07/05/25 20:40	07/07/25 14:02	1
Arsenic	2.0	U	2.0	1.2	ug/L		07/05/25 20:40	07/07/25 14:02	1
Barium	**102**		4.0	0.93	ug/L		07/05/25 20:40	07/07/25 14:02	1
Beryllium	0.80	U	0.80	0.12	ug/L		07/05/25 20:40	07/07/25 14:02	1
Cadmium	0.92	U	0.92	0.26	ug/L		07/05/25 20:40	07/07/25 14:02	1
Calcium	**109000**		500	31.7	ug/L		07/05/25 20:40	07/07/25 14:02	1
Chromium	4.0	U	4.0	1.7	ug/L		07/05/25 20:40	07/07/25 14:02	1
Cobalt	2.0	U	2.0	0.18	ug/L		07/05/25 20:40	07/07/25 14:02	1
Copper	4.0	U	4.0	2.0	ug/L		07/05/25 20:40	07/07/25 14:02	1
Iron	**642**		120	33.7	ug/L		07/05/25 20:40	07/07/25 14:02	1

Client Sample ID: DUP_GW_07012025
Lab Sample ID: 460-329729-2

Date Collected: 07/01/25 10:10
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.2	U	1.2	0.42	ug/L		07/05/25 20:40	07/07/25 14:02	1
Magnesium	**11800**		200	21.8	ug/L		07/05/25 20:40	07/07/25 14:02	1
Manganese	**168**		8.0	0.84	ug/L		07/05/25 20:40	07/07/25 14:02	1
Nickel	**2.0**	**J**	4.0	1.4	ug/L		07/05/25 20:40	07/07/25 14:02	1
Potassium	**14500**		200	114	ug/L		07/05/25 20:40	07/07/25 14:02	1
Selenium	2.5	U	2.5	0.43	ug/L		07/05/25 20:40	07/07/25 14:02	1
Silver	2.0	U	2.0	1.3	ug/L		07/05/25 20:40	07/07/25 14:02	1
Sodium	**37900**		500	180	ug/L		07/05/25 20:40	07/07/25 14:02	1
Thallium	0.50	U	0.50	0.16	ug/L		07/05/25 20:40	07/07/25 14:02	1
Vanadium	4.0	U	4.0	1.0	ug/L		07/05/25 20:40	07/07/25 14:02	1
Zinc	**4.5**	**J**	16.0	4.2	ug/L		07/05/25 20:40	07/07/25 14:02	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	40.0	U	40.0	11.7	ug/L		07/08/25 02:30	07/08/25 19:45	1
Antimony	2.0	U	2.0	0.48	ug/L		07/08/25 02:30	07/08/25 19:45	1
Arsenic	2.0	U	2.0	1.2	ug/L		07/08/25 02:30	07/08/25 19:45	1
Barium	**96.5**		4.0	0.93	ug/L		07/08/25 02:30	07/08/25 19:45	1
Beryllium	0.80	U	0.80	0.12	ug/L		07/08/25 02:30	07/08/25 19:45	1
Cadmium	0.92	U	0.92	0.26	ug/L		07/08/25 02:30	07/08/25 19:45	1
Calcium	**106000**		500	31.7	ug/L		07/08/25 02:30	07/08/25 19:45	1
Chromium	4.0	U	4.0	1.7	ug/L		07/08/25 02:30	07/08/25 19:45	1
Cobalt	2.0	U	2.0	0.18	ug/L		07/08/25 02:30	07/08/25 19:45	1
Copper	4.0	U	4.0	2.0	ug/L		07/08/25 02:30	07/08/25 19:45	1
Iron	120	U	120	33.7	ug/L		07/08/25 02:30	07/08/25 19:45	1
Lead	1.2	U	1.2	0.42	ug/L		07/08/25 02:30	07/08/25 19:45	1
Magnesium	**12600**		200	21.8	ug/L		07/08/25 02:30	07/08/25 19:45	1
Manganese	**155**		8.0	0.84	ug/L		07/08/25 02:30	07/08/25 19:45	1
Nickel	4.0	U	4.0	1.4	ug/L		07/08/25 02:30	07/08/25 19:45	1
Potassium	**14600**		200	114	ug/L		07/08/25 02:30	07/08/25 19:45	1
Selenium	2.5	U	2.5	0.43	ug/L		07/08/25 02:30	07/08/25 19:45	1
Silver	2.0	U	2.0	1.3	ug/L		07/08/25 02:30	07/08/25 19:45	1
Sodium	**46200**		500	180	ug/L		07/08/25 02:30	07/08/25 19:45	1
Thallium	0.50	U	0.50	0.16	ug/L		07/08/25 02:30	07/08/25 19:45	1
Vanadium	4.0	U	4.0	1.0	ug/L		07/08/25 02:30	07/08/25 19:45	1
Zinc	16.0	U	16.0	4.2	ug/L		07/08/25 02:30	07/08/25 19:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		07/07/25 10:43	07/07/25 18:17	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		07/07/25 09:58	07/07/25 16:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	10.0	U	10.0	10.0	ug/L			07/08/25 07:16	1
Cr (VI) (SW846 7196A)	10.0	U	10.0	2.9	ug/L			07/02/25 08:30	1
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0040	mg/L		07/06/25 15:31	07/06/25 16:26	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-06
Date Collected: 07/01/25 14:00
Date Received: 07/01/25 19:20

Lab Sample ID: 460-329729-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			07/08/25 05:09	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			07/08/25 05:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			07/08/25 05:09	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			07/08/25 05:09	1
1,1-Dichloroethane	**0.46**	**J**	1.0	0.26	ug/L			07/08/25 05:09	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			07/08/25 05:09	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			07/08/25 05:09	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			07/08/25 05:09	1
1,2,4-Trimethylbenzene	**1.8**		1.0	0.37	ug/L			07/08/25 05:09	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			07/08/25 05:09	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			07/08/25 05:09	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			07/08/25 05:09	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			07/08/25 05:09	1
1,3,5-Trimethylbenzene	**0.72**	**J**	1.0	0.33	ug/L			07/08/25 05:09	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			07/08/25 05:09	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			07/08/25 05:09	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			07/08/25 05:09	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			07/08/25 05:09	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			07/08/25 05:09	1
Acetone	**15**		5.0	4.4	ug/L			07/08/25 05:09	1
Benzene	**1.1**		0.45	0.070	ug/L			07/08/25 05:09	1
Bromoform	1.0	U	1.0	0.54	ug/L			07/08/25 05:09	1
Bromomethane	1.0	U	1.0	0.55	ug/L			07/08/25 05:09	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			07/08/25 05:09	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			07/08/25 05:09	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			07/08/25 05:09	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			07/08/25 05:09	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			07/08/25 05:09	1
Chloroethane	1.0	U *	1.0	0.32	ug/L			07/08/25 05:09	1
Chloroform	1.0	U	1.0	0.33	ug/L			07/08/25 05:09	1
Chloromethane	1.0	U	1.0	0.40	ug/L			07/08/25 05:09	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			07/08/25 05:09	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			07/08/25 05:09	1
Cyclohexane	**0.41**	**J**	1.0	0.32	ug/L			07/08/25 05:09	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			07/08/25 05:09	1
Dichlorodifluoromethane	1.0	U *	1.0	0.31	ug/L			07/08/25 05:09	1
Ethylbenzene	**0.65**	**J**	1.0	0.30	ug/L			07/08/25 05:09	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			07/08/25 05:09	1
Isopropylbenzene	**2.9**		1.0	0.34	ug/L			07/08/25 05:09	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			07/08/25 05:09	1
Methyl tert-butyl ether	**53**		1.0	0.22	ug/L			07/08/25 05:09	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			07/08/25 05:09	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			07/08/25 05:09	1
m-Xylene & p-Xylene	**0.40**	**J**	1.0	0.30	ug/L			07/08/25 05:09	1
n-Butylbenzene	**0.87**	**J**	1.0	0.32	ug/L			07/08/25 05:09	1
N-Propylbenzene	**1.9**		1.0	0.32	ug/L			07/08/25 05:09	1
o-Xylene	**0.99**	**J**	1.0	0.36	ug/L			07/08/25 05:09	1
sec-Butylbenzene	**1.8**		1.0	0.37	ug/L			07/08/25 05:09	1
Styrene	1.0	U	1.0	0.42	ug/L			07/08/25 05:09	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-06
Lab Sample ID: 460-329729-3
Date Collected: 07/01/25 14:00
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			07/08/25 05:09	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			07/08/25 05:09	1
Toluene	1.0	U	1.0	0.38	ug/L			07/08/25 05:09	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			07/08/25 05:09	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			07/08/25 05:09	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			07/08/25 05:09	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			07/08/25 05:09	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			07/08/25 05:09	1
Xylenes, Total	**1.4**	**J**	2.0	0.65	ug/L			07/08/25 05:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*77*		*70 - 128*		*07/08/25 05:09*	*1*
4-Bromofluorobenzene	*112*		*76 - 120*		*07/08/25 05:09*	*1*
Dibromofluoromethane (Surr)	*84*		*77 - 132*		*07/08/25 05:09*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*07/08/25 05:09*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.2**		0.20	0.072	ug/L		07/02/25 12:05	07/02/25 23:10	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*64*		*10 - 150*	*07/02/25 12:05*	*07/02/25 23:10*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	5.0	U	5.0	1.2	ug/L		07/02/25 12:09	07/03/25 08:00	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 08:00	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		07/02/25 12:09	07/03/25 08:00	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		07/02/25 12:09	07/03/25 08:00	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		07/02/25 12:09	07/03/25 08:00	1
2,4,6-Trichlorophenol	3.0	U	3.0	0.86	ug/L		07/02/25 12:09	07/03/25 08:00	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		07/02/25 12:09	07/03/25 08:00	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		07/02/25 12:09	07/03/25 08:00	1
2,4-Dinitrophenol	40	U	40	11	ug/L		07/02/25 12:09	07/03/25 08:00	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		07/02/25 12:09	07/03/25 08:00	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		07/02/25 12:09	07/03/25 08:00	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 08:00	1
2-Chlorophenol	10	U	10	0.95	ug/L		07/02/25 12:09	07/03/25 08:00	1
2-Methylnaphthalene	**1.6**	**J**	10	0.53	ug/L		07/02/25 12:09	07/03/25 08:00	1
2-Methylphenol	10	U	10	0.67	ug/L		07/02/25 12:09	07/03/25 08:00	1
2-Nitroaniline	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 08:00	1
2-Nitrophenol	10	U	10	0.75	ug/L		07/02/25 12:09	07/03/25 08:00	1
3 & 4 Methylphenol	10	U	10	0.64	ug/L		07/02/25 12:09	07/03/25 08:00	1
3,3'-Dichlorobenzidine	5.2	U	5.2	1.4	ug/L		07/02/25 12:09	07/03/25 08:00	1
3-Nitroaniline	10	U	10	1.9	ug/L		07/02/25 12:09	07/03/25 08:00	1
4,6-Dinitro-2-methylphenol	20	U	20	8.6	ug/L		07/02/25 12:09	07/03/25 08:00	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		07/02/25 12:09	07/03/25 08:00	1
4-Chloro-3-methylphenol	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 08:00	1
4-Chloroaniline	5.0	U	5.0	1.9	ug/L		07/02/25 12:09	07/03/25 08:00	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 08:00	1
4-Methylphenol	10	U	10	0.65	ug/L		07/02/25 12:09	07/03/25 08:00	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-06
Lab Sample ID: 460-329729-3
Date Collected: 07/01/25 14:00
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 08:00	1
4-Nitrophenol	20	U	20	4.0	ug/L		07/02/25 12:09	07/03/25 08:00	1
Acenaphthene	10	U	10	1.1	ug/L		07/02/25 12:09	07/03/25 08:00	1
Acenaphthylene	10	U	10	0.82	ug/L		07/02/25 12:09	07/03/25 08:00	1
Acetophenone	10	U	10	2.3	ug/L		07/02/25 12:09	07/03/25 08:00	1
Anthracene	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 08:00	1
Atrazine	2.0	U *	2.0	1.3	ug/L		07/02/25 12:09	07/03/25 08:00	1
Benzaldehyde	10	U *	10	2.1	ug/L		07/02/25 12:09	07/03/25 08:00	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		07/02/25 12:09	07/03/25 08:00	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		07/02/25 12:09	07/03/25 08:00	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		07/02/25 12:09	07/03/25 08:00	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		07/02/25 12:09	07/03/25 08:00	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		07/02/25 12:09	07/03/25 08:00	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		07/02/25 12:09	07/03/25 08:00	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		07/02/25 12:09	07/03/25 08:00	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		07/02/25 12:09	07/03/25 08:00	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		07/02/25 12:09	07/03/25 08:00	1
Caprolactam	10	U	10	2.2	ug/L		07/02/25 12:09	07/03/25 08:00	1
Carbazole	10	U	10	0.68	ug/L		07/02/25 12:09	07/03/25 08:00	1
Chrysene	2.0	U	2.0	0.91	ug/L		07/02/25 12:09	07/03/25 08:00	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		07/02/25 12:09	07/03/25 08:00	1
Dibenzofuran	10	U	10	1.1	ug/L		07/02/25 12:09	07/03/25 08:00	1
Diethyl phthalate	10	U	10	0.98	ug/L		07/02/25 12:09	07/03/25 08:00	1
Dimethyl phthalate	10	U	10	0.77	ug/L		07/02/25 12:09	07/03/25 08:00	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		07/02/25 12:09	07/03/25 08:00	1
Di-n-octyl phthalate	10	U	10	4.0	ug/L		07/02/25 12:09	07/03/25 08:00	1
Fluoranthene	10	U	10	0.84	ug/L		07/02/25 12:09	07/03/25 08:00	1
Fluorene	10	U	10	0.91	ug/L		07/02/25 12:09	07/03/25 08:00	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		07/02/25 12:09	07/03/25 08:00	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		07/02/25 12:09	07/03/25 08:00	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		07/02/25 12:09	07/03/25 08:00	1
Hexachloroethane	0.80	U	0.80	0.31	ug/L		07/02/25 12:09	07/03/25 08:00	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		07/02/25 12:09	07/03/25 08:00	1
Isophorone	10	U	10	0.80	ug/L		07/02/25 12:09	07/03/25 08:00	1
Naphthalene	**0.84**	**J**	2.0	0.54	ug/L		07/02/25 12:09	07/03/25 08:00	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		07/02/25 12:09	07/03/25 08:00	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		07/02/25 12:09	07/03/25 08:00	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		07/02/25 12:09	07/03/25 08:00	1
Pentachlorophenol	20	U	20	6.6	ug/L		07/02/25 12:09	07/03/25 08:00	1
Phenanthrene	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 08:00	1
Phenol	10	U	10	0.29	ug/L		07/02/25 12:09	07/03/25 08:00	1
Pyrene	10	U	10	1.6	ug/L		07/02/25 12:09	07/03/25 08:00	1
1,4-Dioxane	10	U	10	1.6	ug/L		07/02/25 12:09	07/03/25 08:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*24 - 150*	*07/02/25 12:09*	*07/03/25 08:00*	*1*
2-Fluorobiphenyl	*79*		*38 - 139*	*07/02/25 12:09*	*07/03/25 08:00*	*1*
2-Fluorophenol (Surr)	*78*		*10 - 90*	*07/02/25 12:09*	*07/03/25 08:00*	*1*
Nitrobenzene-d5 (Surr)	*85*		*39 - 145*	*07/02/25 12:09*	*07/03/25 08:00*	*1*
Phenol-d5 (Surr)	*71*	*	*10 - 68*	*07/02/25 12:09*	*07/03/25 08:00*	*1*

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-06
Lab Sample ID: 460-329729-3
Date Collected: 07/01/25 14:00
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	*61*		*10 - 133*	*07/02/25 12:09*	*07/03/25 08:00*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		07/02/25 10:49	07/03/25 06:00	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 06:00	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 06:00	1
Aldrin	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 06:00	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		07/02/25 10:49	07/03/25 06:00	1
beta-BHC	0.020	U	0.020	0.015	ug/L		07/02/25 10:49	07/03/25 06:00	1
Chlordane (technical)	0.20	U	0.20	0.055	ug/L		07/02/25 10:49	07/03/25 06:00	1
cis-Chlordane	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 06:00	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		07/02/25 10:49	07/03/25 06:00	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 06:00	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 06:00	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 06:00	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		07/02/25 10:49	07/03/25 06:00	1
Endrin	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 06:00	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		07/02/25 10:49	07/03/25 06:00	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		07/02/25 10:49	07/03/25 06:00	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		07/02/25 10:49	07/03/25 06:00	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 06:00	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		07/02/25 10:49	07/03/25 06:00	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 06:00	1
Toxaphene	0.50	U	0.50	0.11	ug/L		07/02/25 10:49	07/03/25 06:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*70*		*10 - 131*	*07/02/25 10:49*	*07/03/25 06:00*	*1*
DCB Decachlorobiphenyl	*68*		*10 - 131*	*07/02/25 10:49*	*07/03/25 06:00*	*1*
Tetrachloro-m-xylene	*77*		*31 - 120*	*07/02/25 10:49*	*07/03/25 06:00*	*1*
Tetrachloro-m-xylene	*64*		*31 - 120*	*07/02/25 10:49*	*07/03/25 06:00*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 21:04	1
Aroclor 1221	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 21:04	1
Aroclor 1232	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 21:04	1
Aroclor 1242	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 21:04	1
Aroclor 1248	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 21:04	1
Aroclor 1254	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 21:04	1
Aroclor 1260	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 21:04	1
Aroclor-1262	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 21:04	1
Aroclor 1268	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 21:04	1
Polychlorinated biphenyls, Total	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 21:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*80*		*10 - 127*	*07/02/25 10:39*	*07/02/25 21:04*	*1*
DCB Decachlorobiphenyl	*111*		*10 - 127*	*07/02/25 10:39*	*07/02/25 21:04*	*1*
Tetrachloro-m-xylene	*72*		*21 - 139*	*07/02/25 10:39*	*07/02/25 21:04*	*1*
Tetrachloro-m-xylene	*87*		*21 - 139*	*07/02/25 10:39*	*07/02/25 21:04*	*1*

Client Sample ID: RXMW-06
Date Collected: 07/01/25 14:00
Date Received: 07/01/25 19:20

Lab Sample ID: 460-329729-3
Matrix: Water

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	1.2	U *	1.2	0.12	ug/L		07/03/25 07:45	07/06/25 21:11	1
2,4-D	1.2	U *	1.2	0.13	ug/L		07/03/25 07:45	07/06/25 21:11	1
Silvex (2,4,5-TP)	1.2	U	1.2	0.11	ug/L		07/03/25 07:45	07/06/25 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*107*		*10 - 150*	*07/03/25 07:45*	*07/06/25 21:11*	*1*
2,4-Dichlorophenylacetic acid	*93*		*10 - 150*	*07/03/25 07:45*	*07/06/25 21:11*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2600**		40.0	11.7	ug/L		07/05/25 20:40	07/07/25 14:05	1
Antimony	**3.0**		2.0	0.48	ug/L		07/05/25 20:40	07/07/25 14:05	1
Arsenic	**27.0**		2.0	1.2	ug/L		07/05/25 20:40	07/07/25 14:05	1
Barium	**72.4**		4.0	0.93	ug/L		07/05/25 20:40	07/07/25 14:05	1
Beryllium	**0.16**	**J**	0.80	0.12	ug/L		07/05/25 20:40	07/07/25 14:05	1
Cadmium	0.92	U	0.92	0.26	ug/L		07/05/25 20:40	07/07/25 14:05	1
Calcium	**215000**		500	31.7	ug/L		07/05/25 20:40	07/07/25 14:05	1
Chromium	**19.4**		4.0	1.7	ug/L		07/05/25 20:40	07/07/25 14:05	1
Cobalt	**5.1**		2.0	0.18	ug/L		07/05/25 20:40	07/07/25 14:05	1
Copper	**19.2**		4.0	2.0	ug/L		07/05/25 20:40	07/07/25 14:05	1
Iron	**6760**		120	33.7	ug/L		07/05/25 20:40	07/07/25 14:05	1
Lead	**24.7**		1.2	0.42	ug/L		07/05/25 20:40	07/07/25 14:05	1
Magnesium	**28000**		200	21.8	ug/L		07/05/25 20:40	07/07/25 14:05	1
Manganese	**336**		8.0	0.84	ug/L		07/05/25 20:40	07/07/25 14:05	1
Nickel	**24.0**		4.0	1.4	ug/L		07/05/25 20:40	07/07/25 14:05	1
Potassium	**30800**		200	114	ug/L		07/05/25 20:40	07/07/25 14:05	1
Selenium	**0.63**	**J**	2.5	0.43	ug/L		07/05/25 20:40	07/07/25 14:05	1
Silver	2.0	U	2.0	1.3	ug/L		07/05/25 20:40	07/07/25 14:05	1
Sodium	**189000**		500	180	ug/L		07/05/25 20:40	07/07/25 14:05	1
Thallium	0.50	U	0.50	0.16	ug/L		07/05/25 20:40	07/07/25 14:05	1
Vanadium	**16.1**		4.0	1.0	ug/L		07/05/25 20:40	07/07/25 14:05	1
Zinc	**39.7**		16.0	4.2	ug/L		07/05/25 20:40	07/07/25 14:05	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	40.0	U	40.0	11.7	ug/L		07/08/25 02:30	07/08/25 19:51	1
Antimony	**3.3**		2.0	0.48	ug/L		07/08/25 02:30	07/08/25 19:51	1
Arsenic	**5.6**		2.0	1.2	ug/L		07/08/25 02:30	07/08/25 19:51	1
Barium	**56.3**		4.0	0.93	ug/L		07/08/25 02:30	07/08/25 19:51	1
Beryllium	0.80	U	0.80	0.12	ug/L		07/08/25 02:30	07/08/25 19:51	1
Cadmium	0.92	U	0.92	0.26	ug/L		07/08/25 02:30	07/08/25 19:51	1
Calcium	**225000**		500	31.7	ug/L		07/08/25 02:30	07/08/25 19:51	1
Chromium	4.0	U	4.0	1.7	ug/L		07/08/25 02:30	07/08/25 19:51	1
Cobalt	**2.7**		2.0	0.18	ug/L		07/08/25 02:30	07/08/25 19:51	1
Copper	4.0	U	4.0	2.0	ug/L		07/08/25 02:30	07/08/25 19:51	1
Iron	**80.7**	**J**	120	33.7	ug/L		07/08/25 02:30	07/08/25 19:51	1
Lead	1.2	U	1.2	0.42	ug/L		07/08/25 02:30	07/08/25 19:51	1
Magnesium	**28200**		200	21.8	ug/L		07/08/25 02:30	07/08/25 19:51	1
Manganese	**271**		8.0	0.84	ug/L		07/08/25 02:30	07/08/25 19:51	1
Nickel	**14.1**		4.0	1.4	ug/L		07/08/25 02:30	07/08/25 19:51	1

Client Sample ID: RXMW-06
Lab Sample ID: 460-329729-3
Date Collected: 07/01/25 14:00
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 6020B - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**32600**		200	114	ug/L		07/08/25 02:30	07/08/25 19:51	1
Selenium	**0.90**	**J**	2.5	0.43	ug/L		07/08/25 02:30	07/08/25 19:51	1
Silver	2.0	U	2.0	1.3	ug/L		07/08/25 02:30	07/08/25 19:51	1
Sodium	**199000**		500	180	ug/L		07/08/25 02:30	07/08/25 19:51	1
Thallium	0.50	U	0.50	0.16	ug/L		07/08/25 02:30	07/08/25 19:51	1
Vanadium	**1.5**	**J**	4.0	1.0	ug/L		07/08/25 02:30	07/08/25 19:51	1
Zinc	16.0	U	16.0	4.2	ug/L		07/08/25 02:30	07/08/25 19:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		07/07/25 10:43	07/07/25 18:25	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		07/07/25 09:58	07/07/25 17:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	**19.4**		10.0	10.0	ug/L			07/08/25 07:16	1
Cr (VI) (SW846 7196A)	10.0	U	10.0	2.9	ug/L			07/02/25 08:30	1
Cyanide, Total (SW846 9012B)	**0.0047**	**J**	0.010	0.0040	mg/L		07/06/25 15:31	07/06/25 16:27	1

Client Sample ID: RXMW-08
Lab Sample ID: 460-329729-4
Date Collected: 07/01/25 14:40
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			07/08/25 05:35	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			07/08/25 05:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			07/08/25 05:35	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			07/08/25 05:35	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			07/08/25 05:35	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			07/08/25 05:35	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			07/08/25 05:35	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			07/08/25 05:35	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			07/08/25 05:35	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			07/08/25 05:35	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			07/08/25 05:35	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			07/08/25 05:35	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			07/08/25 05:35	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			07/08/25 05:35	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			07/08/25 05:35	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			07/08/25 05:35	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			07/08/25 05:35	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			07/08/25 05:35	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			07/08/25 05:35	1
Acetone	**8.9**		5.0	4.4	ug/L			07/08/25 05:35	1
Benzene	0.45	U	0.45	0.070	ug/L			07/08/25 05:35	1
Bromoform	1.0	U	1.0	0.54	ug/L			07/08/25 05:35	1
Bromomethane	1.0	U	1.0	0.55	ug/L			07/08/25 05:35	1

Client Sample ID: RXMW-08
Lab Sample ID: 460-329729-4

Date Collected: 07/01/25 14:40
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	1.0	U	1.0	0.82	ug/L			07/08/25 05:35	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			07/08/25 05:35	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			07/08/25 05:35	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			07/08/25 05:35	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			07/08/25 05:35	1
Chloroethane	1.0	U *	1.0	0.32	ug/L			07/08/25 05:35	1
Chloroform	1.0	U	1.0	0.33	ug/L			07/08/25 05:35	1
Chloromethane	1.0	U	1.0	0.40	ug/L			07/08/25 05:35	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			07/08/25 05:35	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			07/08/25 05:35	1
Cyclohexane	**1.3**		1.0	0.32	ug/L			07/08/25 05:35	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			07/08/25 05:35	1
Dichlorodifluoromethane	1.0	U *	1.0	0.31	ug/L			07/08/25 05:35	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			07/08/25 05:35	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			07/08/25 05:35	1
Isopropylbenzene	**1.3**		1.0	0.34	ug/L			07/08/25 05:35	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			07/08/25 05:35	1
Methyl tert-butyl ether	**3.4**		1.0	0.22	ug/L			07/08/25 05:35	1
Methylcyclohexane	**2.4**		1.0	0.71	ug/L			07/08/25 05:35	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			07/08/25 05:35	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			07/08/25 05:35	1
n-Butylbenzene	**0.66**	**J**	1.0	0.32	ug/L			07/08/25 05:35	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			07/08/25 05:35	1
o-Xylene	1.0	U	1.0	0.36	ug/L			07/08/25 05:35	1
sec-Butylbenzene	**2.6**		1.0	0.37	ug/L			07/08/25 05:35	1
Styrene	1.0	U	1.0	0.42	ug/L			07/08/25 05:35	1
tert-Butylbenzene	**1.1**		1.0	0.34	ug/L			07/08/25 05:35	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			07/08/25 05:35	1
Toluene	1.0	U	1.0	0.38	ug/L			07/08/25 05:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			07/08/25 05:35	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			07/08/25 05:35	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			07/08/25 05:35	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			07/08/25 05:35	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			07/08/25 05:35	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			07/08/25 05:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*77*		*70 - 128*		*07/08/25 05:35*	*1*
4-Bromofluorobenzene	*110*		*76 - 120*		*07/08/25 05:35*	*1*
Dibromofluoromethane (Surr)	*83*		*77 - 132*		*07/08/25 05:35*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*07/08/25 05:35*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.83**		0.20	0.072	ug/L		07/02/25 12:05	07/02/25 23:26	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*57*		*10 - 150*	*07/02/25 12:05*	*07/02/25 23:26*	*1*

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-08
Lab Sample ID: 460-329729-4

Date Collected: 07/01/25 14:40
Matrix: Water

Date Received: 07/01/25 19:20

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	5.0	U	5.0	1.2	ug/L		07/02/25 12:09	07/03/25 16:48	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 16:48	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		07/02/25 12:09	07/03/25 16:48	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		07/02/25 12:09	07/03/25 16:48	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		07/02/25 12:09	07/03/25 16:48	1
2,4,6-Trichlorophenol	3.0	U	3.0	0.86	ug/L		07/02/25 12:09	07/03/25 16:48	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		07/02/25 12:09	07/03/25 16:48	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		07/02/25 12:09	07/03/25 16:48	1
2,4-Dinitrophenol	40	U	40	11	ug/L		07/02/25 12:09	07/03/25 16:48	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		07/02/25 12:09	07/03/25 16:48	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		07/02/25 12:09	07/03/25 16:48	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 16:48	1
2-Chlorophenol	10	U	10	0.95	ug/L		07/02/25 12:09	07/03/25 16:48	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		07/02/25 12:09	07/03/25 16:48	1
2-Methylphenol	10	U	10	0.67	ug/L		07/02/25 12:09	07/03/25 16:48	1
2-Nitroaniline	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 16:48	1
2-Nitrophenol	10	U	10	0.75	ug/L		07/02/25 12:09	07/03/25 16:48	1
3 & 4 Methylphenol	10	U	10	0.64	ug/L		07/02/25 12:09	07/03/25 16:48	1
3,3'-Dichlorobenzidine	5.2	U	5.2	1.4	ug/L		07/02/25 12:09	07/03/25 16:48	1
3-Nitroaniline	10	U	10	1.9	ug/L		07/02/25 12:09	07/03/25 16:48	1
4,6-Dinitro-2-methylphenol	20	U	20	8.6	ug/L		07/02/25 12:09	07/03/25 16:48	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		07/02/25 12:09	07/03/25 16:48	1
4-Chloro-3-methylphenol	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 16:48	1
4-Chloroaniline	5.0	U	5.0	1.9	ug/L		07/02/25 12:09	07/03/25 16:48	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 16:48	1
4-Methylphenol	10	U	10	0.65	ug/L		07/02/25 12:09	07/03/25 16:48	1
4-Nitroaniline	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 16:48	1
4-Nitrophenol	20	U	20	4.0	ug/L		07/02/25 12:09	07/03/25 16:48	1
Acenaphthene	**1.2**	**J**	10	1.1	ug/L		07/02/25 12:09	07/03/25 16:48	1
Acenaphthylene	10	U	10	0.82	ug/L		07/02/25 12:09	07/03/25 16:48	1
Acetophenone	10	U	10	2.3	ug/L		07/02/25 12:09	07/03/25 16:48	1
Anthracene	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 16:48	1
Atrazine	2.0	U *	2.0	1.3	ug/L		07/02/25 12:09	07/03/25 16:48	1
Benzaldehyde	10	U *	10	2.1	ug/L		07/02/25 12:09	07/03/25 16:48	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		07/02/25 12:09	07/03/25 16:48	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		07/02/25 12:09	07/03/25 16:48	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		07/02/25 12:09	07/03/25 16:48	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		07/02/25 12:09	07/03/25 16:48	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		07/02/25 12:09	07/03/25 16:48	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		07/02/25 12:09	07/03/25 16:48	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		07/02/25 12:09	07/03/25 16:48	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		07/02/25 12:09	07/03/25 16:48	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		07/02/25 12:09	07/03/25 16:48	1
Caprolactam	10	U	10	2.2	ug/L		07/02/25 12:09	07/03/25 16:48	1
Carbazole	10	U	10	0.68	ug/L		07/02/25 12:09	07/03/25 16:48	1
Chrysene	2.0	U	2.0	0.91	ug/L		07/02/25 12:09	07/03/25 16:48	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		07/02/25 12:09	07/03/25 16:48	1
Dibenzofuran	10	U	10	1.1	ug/L		07/02/25 12:09	07/03/25 16:48	1
Diethyl phthalate	10	U	10	0.98	ug/L		07/02/25 12:09	07/03/25 16:48	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-08
Lab Sample ID: 460-329729-4
Date Collected: 07/01/25 14:40
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	10	U	10	0.77	ug/L		07/02/25 12:09	07/03/25 16:48	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		07/02/25 12:09	07/03/25 16:48	1
Di-n-octyl phthalate	10	U	10	4.0	ug/L		07/02/25 12:09	07/03/25 16:48	1
Fluoranthene	10	U	10	0.84	ug/L		07/02/25 12:09	07/03/25 16:48	1
Fluorene	10	U	10	0.91	ug/L		07/02/25 12:09	07/03/25 16:48	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		07/02/25 12:09	07/03/25 16:48	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		07/02/25 12:09	07/03/25 16:48	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		07/02/25 12:09	07/03/25 16:48	1
Hexachloroethane	0.80	U	0.80	0.31	ug/L		07/02/25 12:09	07/03/25 16:48	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		07/02/25 12:09	07/03/25 16:48	1
Isophorone	10	U	10	0.80	ug/L		07/02/25 12:09	07/03/25 16:48	1
Naphthalene	2.0	U	2.0	0.54	ug/L		07/02/25 12:09	07/03/25 16:48	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		07/02/25 12:09	07/03/25 16:48	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		07/02/25 12:09	07/03/25 16:48	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		07/02/25 12:09	07/03/25 16:48	1
Pentachlorophenol	20	U	20	6.6	ug/L		07/02/25 12:09	07/03/25 16:48	1
Phenanthrene	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 16:48	1
Phenol	10	U	10	0.29	ug/L		07/02/25 12:09	07/03/25 16:48	1
Pyrene	10	U	10	1.6	ug/L		07/02/25 12:09	07/03/25 16:48	1
1,4-Dioxane	10	U	10	1.6	ug/L		07/02/25 12:09	07/03/25 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*24 - 150*	*07/02/25 12:09*	*07/03/25 16:48*	*1*
2-Fluorobiphenyl	*62*		*38 - 139*	*07/02/25 12:09*	*07/03/25 16:48*	*1*
2-Fluorophenol (Surr)	*38*		*10 - 90*	*07/02/25 12:09*	*07/03/25 16:48*	*1*
Nitrobenzene-d5 (Surr)	*67*		*39 - 145*	*07/02/25 12:09*	*07/03/25 16:48*	*1*
Phenol-d5 (Surr)	*25*		*10 - 68*	*07/02/25 12:09*	*07/03/25 16:48*	*1*
Terphenyl-d14 (Surr)	*20*		*10 - 133*	*07/02/25 12:09*	*07/03/25 16:48*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		07/02/25 10:49	07/03/25 06:13	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 06:13	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 06:13	1
Aldrin	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 06:13	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		07/02/25 10:49	07/03/25 06:13	1
beta-BHC	0.020	U	0.020	0.015	ug/L		07/02/25 10:49	07/03/25 06:13	1
Chlordane (technical)	0.20	U	0.20	0.055	ug/L		07/02/25 10:49	07/03/25 06:13	1
cis-Chlordane	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 06:13	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		07/02/25 10:49	07/03/25 06:13	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 06:13	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 06:13	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 06:13	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		07/02/25 10:49	07/03/25 06:13	1
Endrin	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 06:13	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		07/02/25 10:49	07/03/25 06:13	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		07/02/25 10:49	07/03/25 06:13	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		07/02/25 10:49	07/03/25 06:13	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 06:13	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		07/02/25 10:49	07/03/25 06:13	1

Client Sample ID: RXMW-08
Date Collected: 07/01/25 14:40
Date Received: 07/01/25 19:20

Lab Sample ID: 460-329729-4
Matrix: Water

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 06:13	1
Toxaphene	0.50	U	0.50	0.11	ug/L		07/02/25 10:49	07/03/25 06:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*110*		*10 - 131*	*07/02/25 10:49*	*07/03/25 06:13*	*1*
DCB Decachlorobiphenyl	*97*		*10 - 131*	*07/02/25 10:49*	*07/03/25 06:13*	*1*
Tetrachloro-m-xylene	*103*		*31 - 120*	*07/02/25 10:49*	*07/03/25 06:13*	*1*
Tetrachloro-m-xylene	*86*		*31 - 120*	*07/02/25 10:49*	*07/03/25 06:13*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 21:21	1
Aroclor 1221	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 21:21	1
Aroclor 1232	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 21:21	1
Aroclor 1242	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 21:21	1
Aroclor 1248	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 21:21	1
Aroclor 1254	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 21:21	1
Aroclor 1260	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 21:21	1
Aroclor-1262	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 21:21	1
Aroclor 1268	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 21:21	1
Polychlorinated biphenyls, Total	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*10 - 127*	*07/02/25 10:39*	*07/02/25 21:21*	*1*
DCB Decachlorobiphenyl	*95*		*10 - 127*	*07/02/25 10:39*	*07/02/25 21:21*	*1*
Tetrachloro-m-xylene	*73*		*21 - 139*	*07/02/25 10:39*	*07/02/25 21:21*	*1*
Tetrachloro-m-xylene	*75*		*21 - 139*	*07/02/25 10:39*	*07/02/25 21:21*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	1.2	U *	1.2	0.12	ug/L		07/03/25 07:45	07/06/25 21:29	1
2,4-D	1.2	U *	1.2	0.13	ug/L		07/03/25 07:45	07/06/25 21:29	1
Silvex (2,4,5-TP)	1.2	U	1.2	0.11	ug/L		07/03/25 07:45	07/06/25 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*89*		*10 - 150*	*07/03/25 07:45*	*07/06/25 21:29*	*1*
2,4-Dichlorophenylacetic acid	*87*		*10 - 150*	*07/03/25 07:45*	*07/06/25 21:29*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3040**		40.0	11.7	ug/L		07/05/25 20:40	07/07/25 14:13	1
Antimony	**0.52**	**J**	2.0	0.48	ug/L		07/05/25 20:40	07/07/25 14:13	1
Arsenic	**3.5**		2.0	1.2	ug/L		07/05/25 20:40	07/07/25 14:13	1
Barium	**106**		4.0	0.93	ug/L		07/05/25 20:40	07/07/25 14:13	1
Beryllium	**0.13**	**J**	0.80	0.12	ug/L		07/05/25 20:40	07/07/25 14:13	1
Cadmium	0.92	U	0.92	0.26	ug/L		07/05/25 20:40	07/07/25 14:13	1
Calcium	**120000**		500	31.7	ug/L		07/05/25 20:40	07/07/25 14:13	1
Chromium	**9.4**		4.0	1.7	ug/L		07/05/25 20:40	07/07/25 14:13	1
Cobalt	**3.4**		2.0	0.18	ug/L		07/05/25 20:40	07/07/25 14:13	1
Copper	**20.5**		4.0	2.0	ug/L		07/05/25 20:40	07/07/25 14:13	1
Iron	**8640**		120	33.7	ug/L		07/05/25 20:40	07/07/25 14:13	1

Client Sample ID: RXMW-08
Date Collected: 07/01/25 14:40
Date Received: 07/01/25 19:20

Lab Sample ID: 460-329729-4
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**13.5**		1.2	0.42	ug/L		07/05/25 20:40	07/07/25 14:13	1
Magnesium	**41900**		200	21.8	ug/L		07/05/25 20:40	07/07/25 14:13	1
Manganese	**432**		8.0	0.84	ug/L		07/05/25 20:40	07/07/25 14:13	1
Nickel	**9.8**		4.0	1.4	ug/L		07/05/25 20:40	07/07/25 14:13	1
Potassium	**18200**		200	114	ug/L		07/05/25 20:40	07/07/25 14:13	1
Selenium	2.5	U	2.5	0.43	ug/L		07/05/25 20:40	07/07/25 14:13	1
Silver	2.0	U	2.0	1.3	ug/L		07/05/25 20:40	07/07/25 14:13	1
Sodium	**124000**		500	180	ug/L		07/05/25 20:40	07/07/25 14:13	1
Thallium	0.50	U	0.50	0.16	ug/L		07/05/25 20:40	07/07/25 14:13	1
Vanadium	**7.6**		4.0	1.0	ug/L		07/05/25 20:40	07/07/25 14:13	1
Zinc	**46.5**		16.0	4.2	ug/L		07/05/25 20:40	07/07/25 14:13	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	40.0	U	40.0	11.7	ug/L		07/08/25 02:30	07/08/25 20:02	1
Antimony	2.0	U	2.0	0.48	ug/L		07/08/25 02:30	07/08/25 20:02	1
Arsenic	2.0	U	2.0	1.2	ug/L		07/08/25 02:30	07/08/25 20:02	1
Barium	**78.5**		4.0	0.93	ug/L		07/08/25 02:30	07/08/25 20:02	1
Beryllium	0.80	U	0.80	0.12	ug/L		07/08/25 02:30	07/08/25 20:02	1
Cadmium	0.92	U	0.92	0.26	ug/L		07/08/25 02:30	07/08/25 20:02	1
Calcium	**133000**		500	31.7	ug/L		07/08/25 02:30	07/08/25 20:02	1
Chromium	4.0	U	4.0	1.7	ug/L		07/08/25 02:30	07/08/25 20:02	1
Cobalt	**0.63**	**J**	2.0	0.18	ug/L		07/08/25 02:30	07/08/25 20:02	1
Copper	4.0	U	4.0	2.0	ug/L		07/08/25 02:30	07/08/25 20:02	1
Iron	120	U	120	33.7	ug/L		07/08/25 02:30	07/08/25 20:02	1
Lead	1.2	U	1.2	0.42	ug/L		07/08/25 02:30	07/08/25 20:02	1
Magnesium	**43900**		200	21.8	ug/L		07/08/25 02:30	07/08/25 20:02	1
Manganese	**248**		8.0	0.84	ug/L		07/08/25 02:30	07/08/25 20:02	1
Nickel	**2.6**	**J**	4.0	1.4	ug/L		07/08/25 02:30	07/08/25 20:02	1
Potassium	**20300**		200	114	ug/L		07/08/25 02:30	07/08/25 20:02	1
Selenium	2.5	U	2.5	0.43	ug/L		07/08/25 02:30	07/08/25 20:02	1
Silver	2.0	U	2.0	1.3	ug/L		07/08/25 02:30	07/08/25 20:02	1
Sodium	**138000**		500	180	ug/L		07/08/25 02:30	07/08/25 20:02	1
Thallium	0.50	U	0.50	0.16	ug/L		07/08/25 02:30	07/08/25 20:02	1
Vanadium	4.0	U	4.0	1.0	ug/L		07/08/25 02:30	07/08/25 20:02	1
Zinc	16.0	U	16.0	4.2	ug/L		07/08/25 02:30	07/08/25 20:02	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		07/07/25 10:43	07/07/25 18:28	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		07/07/25 09:58	07/07/25 17:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	10.0	U	10.0	10.0	ug/L			07/08/25 07:16	1
Cr (VI) (SW846 7196A)	10.0	U	10.0	2.9	ug/L			07/02/25 08:30	1
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0040	mg/L		07/06/25 15:31	07/06/25 16:28	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-03
Date Collected: 07/01/25 15:10
Date Received: 07/01/25 19:20

Lab Sample ID: 460-329729-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			07/08/25 06:01	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			07/08/25 06:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			07/08/25 06:01	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			07/08/25 06:01	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			07/08/25 06:01	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			07/08/25 06:01	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			07/08/25 06:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			07/08/25 06:01	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			07/08/25 06:01	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			07/08/25 06:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			07/08/25 06:01	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			07/08/25 06:01	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			07/08/25 06:01	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			07/08/25 06:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			07/08/25 06:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			07/08/25 06:01	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			07/08/25 06:01	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			07/08/25 06:01	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			07/08/25 06:01	1
Acetone	**7.9**		5.0	4.4	ug/L			07/08/25 06:01	1
Benzene	0.45	U	0.45	0.070	ug/L			07/08/25 06:01	1
Bromoform	1.0	U	1.0	0.54	ug/L			07/08/25 06:01	1
Bromomethane	1.0	U	1.0	0.55	ug/L			07/08/25 06:01	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			07/08/25 06:01	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			07/08/25 06:01	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			07/08/25 06:01	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			07/08/25 06:01	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			07/08/25 06:01	1
Chloroethane	1.0	U *	1.0	0.32	ug/L			07/08/25 06:01	1
Chloroform	1.0	U	1.0	0.33	ug/L			07/08/25 06:01	1
Chloromethane	1.0	U	1.0	0.40	ug/L			07/08/25 06:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			07/08/25 06:01	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			07/08/25 06:01	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			07/08/25 06:01	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			07/08/25 06:01	1
Dichlorodifluoromethane	1.0	U *	1.0	0.31	ug/L			07/08/25 06:01	1
Ethylbenzene	**0.36**	**J**	1.0	0.30	ug/L			07/08/25 06:01	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			07/08/25 06:01	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			07/08/25 06:01	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			07/08/25 06:01	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			07/08/25 06:01	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			07/08/25 06:01	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			07/08/25 06:01	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			07/08/25 06:01	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			07/08/25 06:01	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			07/08/25 06:01	1
o-Xylene	1.0	U	1.0	0.36	ug/L			07/08/25 06:01	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			07/08/25 06:01	1
Styrene	1.0	U	1.0	0.42	ug/L			07/08/25 06:01	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-03
Date Collected: 07/01/25 15:10
Date Received: 07/01/25 19:20

Lab Sample ID: 460-329729-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			07/08/25 06:01	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			07/08/25 06:01	1
Toluene	1.0	U	1.0	0.38	ug/L			07/08/25 06:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			07/08/25 06:01	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			07/08/25 06:01	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			07/08/25 06:01	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			07/08/25 06:01	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			07/08/25 06:01	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			07/08/25 06:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*78*		*70 - 128*		*07/08/25 06:01*	*1*
4-Bromofluorobenzene	*111*		*76 - 120*		*07/08/25 06:01*	*1*
Dibromofluoromethane (Surr)	*85*		*77 - 132*		*07/08/25 06:01*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*07/08/25 06:01*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**9.4**		0.20	0.072	ug/L		07/02/25 12:05	07/02/25 23:41	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*55*		*10 - 150*	*07/02/25 12:05*	*07/02/25 23:41*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	5.0	U	5.0	1.2	ug/L		07/02/25 12:09	07/03/25 17:09	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 17:09	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		07/02/25 12:09	07/03/25 17:09	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		07/02/25 12:09	07/03/25 17:09	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		07/02/25 12:09	07/03/25 17:09	1
2,4,6-Trichlorophenol	3.0	U	3.0	0.86	ug/L		07/02/25 12:09	07/03/25 17:09	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		07/02/25 12:09	07/03/25 17:09	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		07/02/25 12:09	07/03/25 17:09	1
2,4-Dinitrophenol	40	U	40	11	ug/L		07/02/25 12:09	07/03/25 17:09	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		07/02/25 12:09	07/03/25 17:09	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		07/02/25 12:09	07/03/25 17:09	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 17:09	1
2-Chlorophenol	10	U	10	0.95	ug/L		07/02/25 12:09	07/03/25 17:09	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		07/02/25 12:09	07/03/25 17:09	1
2-Methylphenol	10	U	10	0.67	ug/L		07/02/25 12:09	07/03/25 17:09	1
2-Nitroaniline	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 17:09	1
2-Nitrophenol	10	U	10	0.75	ug/L		07/02/25 12:09	07/03/25 17:09	1
3 & 4 Methylphenol	10	U	10	0.64	ug/L		07/02/25 12:09	07/03/25 17:09	1
3,3'-Dichlorobenzidine	5.2	U	5.2	1.4	ug/L		07/02/25 12:09	07/03/25 17:09	1
3-Nitroaniline	10	U	10	1.9	ug/L		07/02/25 12:09	07/03/25 17:09	1
4,6-Dinitro-2-methylphenol	20	U	20	8.6	ug/L		07/02/25 12:09	07/03/25 17:09	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		07/02/25 12:09	07/03/25 17:09	1
4-Chloro-3-methylphenol	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 17:09	1
4-Chloroaniline	5.0	U	5.0	1.9	ug/L		07/02/25 12:09	07/03/25 17:09	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 17:09	1
4-Methylphenol	10	U	10	0.65	ug/L		07/02/25 12:09	07/03/25 17:09	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-03
Lab Sample ID: 460-329729-5
Date Collected: 07/01/25 15:10
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 17:09	1
4-Nitrophenol	20	U	20	4.0	ug/L		07/02/25 12:09	07/03/25 17:09	1
Acenaphthene	10	U	10	1.1	ug/L		07/02/25 12:09	07/03/25 17:09	1
Acenaphthylene	10	U	10	0.82	ug/L		07/02/25 12:09	07/03/25 17:09	1
Acetophenone	10	U	10	2.3	ug/L		07/02/25 12:09	07/03/25 17:09	1
Anthracene	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 17:09	1
Atrazine	2.0	U *	2.0	1.3	ug/L		07/02/25 12:09	07/03/25 17:09	1
Benzaldehyde	10	U *	10	2.1	ug/L		07/02/25 12:09	07/03/25 17:09	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		07/02/25 12:09	07/03/25 17:09	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		07/02/25 12:09	07/03/25 17:09	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		07/02/25 12:09	07/03/25 17:09	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		07/02/25 12:09	07/03/25 17:09	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		07/02/25 12:09	07/03/25 17:09	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		07/02/25 12:09	07/03/25 17:09	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		07/02/25 12:09	07/03/25 17:09	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		07/02/25 12:09	07/03/25 17:09	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		07/02/25 12:09	07/03/25 17:09	1
Caprolactam	10	U	10	2.2	ug/L		07/02/25 12:09	07/03/25 17:09	1
Carbazole	10	U	10	0.68	ug/L		07/02/25 12:09	07/03/25 17:09	1
Chrysene	2.0	U	2.0	0.91	ug/L		07/02/25 12:09	07/03/25 17:09	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		07/02/25 12:09	07/03/25 17:09	1
Dibenzofuran	10	U	10	1.1	ug/L		07/02/25 12:09	07/03/25 17:09	1
Diethyl phthalate	10	U	10	0.98	ug/L		07/02/25 12:09	07/03/25 17:09	1
Dimethyl phthalate	10	U	10	0.77	ug/L		07/02/25 12:09	07/03/25 17:09	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		07/02/25 12:09	07/03/25 17:09	1
Di-n-octyl phthalate	10	U	10	4.0	ug/L		07/02/25 12:09	07/03/25 17:09	1
Fluoranthene	10	U	10	0.84	ug/L		07/02/25 12:09	07/03/25 17:09	1
Fluorene	10	U	10	0.91	ug/L		07/02/25 12:09	07/03/25 17:09	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		07/02/25 12:09	07/03/25 17:09	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		07/02/25 12:09	07/03/25 17:09	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		07/02/25 12:09	07/03/25 17:09	1
Hexachloroethane	0.80	U	0.80	0.31	ug/L		07/02/25 12:09	07/03/25 17:09	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		07/02/25 12:09	07/03/25 17:09	1
Isophorone	10	U	10	0.80	ug/L		07/02/25 12:09	07/03/25 17:09	1
Naphthalene	**1.6**	**J**	2.0	0.54	ug/L		07/02/25 12:09	07/03/25 17:09	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		07/02/25 12:09	07/03/25 17:09	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		07/02/25 12:09	07/03/25 17:09	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		07/02/25 12:09	07/03/25 17:09	1
Pentachlorophenol	20	U	20	6.6	ug/L		07/02/25 12:09	07/03/25 17:09	1
Phenanthrene	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 17:09	1
Phenol	10	U	10	0.29	ug/L		07/02/25 12:09	07/03/25 17:09	1
Pyrene	10	U	10	1.6	ug/L		07/02/25 12:09	07/03/25 17:09	1
1,4-Dioxane	**3.9**	**J**	10	1.6	ug/L		07/02/25 12:09	07/03/25 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*24 - 150*	*07/02/25 12:09*	*07/03/25 17:09*	*1*
2-Fluorobiphenyl	*68*		*38 - 139*	*07/02/25 12:09*	*07/03/25 17:09*	*1*
2-Fluorophenol (Surr)	*44*		*10 - 90*	*07/02/25 12:09*	*07/03/25 17:09*	*1*
Nitrobenzene-d5 (Surr)	*76*		*39 - 145*	*07/02/25 12:09*	*07/03/25 17:09*	*1*
Phenol-d5 (Surr)	*29*		*10 - 68*	*07/02/25 12:09*	*07/03/25 17:09*	*1*

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-03
Lab Sample ID: 460-329729-5
Date Collected: 07/01/25 15:10
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	*27*		*10 - 133*	*07/02/25 12:09*	*07/03/25 17:09*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		07/02/25 10:49	07/03/25 06:26	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 06:26	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 06:26	1
Aldrin	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 06:26	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		07/02/25 10:49	07/03/25 06:26	1
beta-BHC	0.020	U	0.020	0.015	ug/L		07/02/25 10:49	07/03/25 06:26	1
Chlordane (technical)	0.20	U	0.20	0.055	ug/L		07/02/25 10:49	07/03/25 06:26	1
cis-Chlordane	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 06:26	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		07/02/25 10:49	07/03/25 06:26	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 06:26	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 06:26	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 06:26	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		07/02/25 10:49	07/03/25 06:26	1
Endrin	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 06:26	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		07/02/25 10:49	07/03/25 06:26	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		07/02/25 10:49	07/03/25 06:26	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		07/02/25 10:49	07/03/25 06:26	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 06:26	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		07/02/25 10:49	07/03/25 06:26	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 06:26	1
Toxaphene	0.50	U	0.50	0.11	ug/L		07/02/25 10:49	07/03/25 06:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*89*		*10 - 131*	*07/02/25 10:49*	*07/03/25 06:26*	*1*
DCB Decachlorobiphenyl	*84*		*10 - 131*	*07/02/25 10:49*	*07/03/25 06:26*	*1*
Tetrachloro-m-xylene	*88*		*31 - 120*	*07/02/25 10:49*	*07/03/25 06:26*	*1*
Tetrachloro-m-xylene	*81*		*31 - 120*	*07/02/25 10:49*	*07/03/25 06:26*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 21:37	1
Aroclor 1221	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 21:37	1
Aroclor 1232	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 21:37	1
Aroclor 1242	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 21:37	1
Aroclor 1248	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 21:37	1
Aroclor 1254	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 21:37	1
Aroclor 1260	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 21:37	1
Aroclor-1262	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 21:37	1
Aroclor 1268	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 21:37	1
Polychlorinated biphenyls, Total	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 21:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*95*		*10 - 127*	*07/02/25 10:39*	*07/02/25 21:37*	*1*
DCB Decachlorobiphenyl	*102*		*10 - 127*	*07/02/25 10:39*	*07/02/25 21:37*	*1*
Tetrachloro-m-xylene	*85*		*21 - 139*	*07/02/25 10:39*	*07/02/25 21:37*	*1*
Tetrachloro-m-xylene	*93*		*21 - 139*	*07/02/25 10:39*	*07/02/25 21:37*	*1*

Client Sample ID: RXMW-03
Date Collected: 07/01/25 15:10
Date Received: 07/01/25 19:20

Lab Sample ID: 460-329729-5
Matrix: Water

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	1.2	U *	1.2	0.12	ug/L		07/03/25 07:45	07/06/25 21:48	1
2,4-D	1.2	U *	1.2	0.13	ug/L		07/03/25 07:45	07/06/25 21:48	1
Silvex (2,4,5-TP)	1.2	U	1.2	0.11	ug/L		07/03/25 07:45	07/06/25 21:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*121*		*10 - 150*	*07/03/25 07:45*	*07/06/25 21:48*	*1*
2,4-Dichlorophenylacetic acid	*118*		*10 - 150*	*07/03/25 07:45*	*07/06/25 21:48*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1810**		40.0	11.7	ug/L		07/05/25 20:40	07/07/25 14:15	1
Antimony	**0.73**	**J**	2.0	0.48	ug/L		07/05/25 20:40	07/07/25 14:15	1
Arsenic	2.0	U	2.0	1.2	ug/L		07/05/25 20:40	07/07/25 14:15	1
Barium	**560**		4.0	0.93	ug/L		07/05/25 20:40	07/07/25 14:15	1
Beryllium	0.80	U	0.80	0.12	ug/L		07/05/25 20:40	07/07/25 14:15	1
Cadmium	0.92	U	0.92	0.26	ug/L		07/05/25 20:40	07/07/25 14:15	1
Calcium	**264000**		500	31.7	ug/L		07/05/25 20:40	07/07/25 14:15	1
Chromium	**5.1**		4.0	1.7	ug/L		07/05/25 20:40	07/07/25 14:15	1
Cobalt	**4.1**		2.0	0.18	ug/L		07/05/25 20:40	07/07/25 14:15	1
Copper	**9.8**		4.0	2.0	ug/L		07/05/25 20:40	07/07/25 14:15	1
Iron	**5560**		120	33.7	ug/L		07/05/25 20:40	07/07/25 14:15	1
Lead	**5.2**		1.2	0.42	ug/L		07/05/25 20:40	07/07/25 14:15	1
Magnesium	**188000**		200	21.8	ug/L		07/05/25 20:40	07/07/25 14:15	1
Manganese	**259**		8.0	0.84	ug/L		07/05/25 20:40	07/07/25 14:15	1
Nickel	**7.8**		4.0	1.4	ug/L		07/05/25 20:40	07/07/25 14:15	1
Potassium	**73000**		200	114	ug/L		07/05/25 20:40	07/07/25 14:15	1
Selenium	**0.56**	**J**	2.5	0.43	ug/L		07/05/25 20:40	07/07/25 14:15	1
Silver	2.0	U	2.0	1.3	ug/L		07/05/25 20:40	07/07/25 14:15	1
Sodium	**1830000**		5000	1800	ug/L		07/05/25 20:40	07/07/25 15:42	10
Thallium	0.50	U	0.50	0.16	ug/L		07/05/25 20:40	07/07/25 14:15	1
Vanadium	**5.1**		4.0	1.0	ug/L		07/05/25 20:40	07/07/25 14:15	1
Zinc	**14.4**	**J**	16.0	4.2	ug/L		07/05/25 20:40	07/07/25 14:15	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	40.0	U	40.0	11.7	ug/L		07/08/25 02:30	07/08/25 20:04	1
Antimony	**0.51**	**J**	2.0	0.48	ug/L		07/08/25 02:30	07/08/25 20:04	1
Arsenic	2.0	U	2.0	1.2	ug/L		07/08/25 02:30	07/08/25 20:04	1
Barium	**580**		4.0	0.93	ug/L		07/08/25 02:30	07/08/25 20:04	1
Beryllium	0.80	U	0.80	0.12	ug/L		07/08/25 02:30	07/08/25 20:04	1
Cadmium	0.92	U	0.92	0.26	ug/L		07/08/25 02:30	07/08/25 20:04	1
Calcium	**308000**		500	31.7	ug/L		07/08/25 02:30	07/08/25 20:04	1
Chromium	4.0	U	4.0	1.7	ug/L		07/08/25 02:30	07/08/25 20:04	1
Cobalt	**2.0**		2.0	0.18	ug/L		07/08/25 02:30	07/08/25 20:04	1
Copper	4.0	U	4.0	2.0	ug/L		07/08/25 02:30	07/08/25 20:04	1
Iron	120	U	120	33.7	ug/L		07/08/25 02:30	07/08/25 20:04	1
Lead	1.2	U	1.2	0.42	ug/L		07/08/25 02:30	07/08/25 20:04	1
Magnesium	**204000**		200	21.8	ug/L		07/08/25 02:30	07/08/25 20:04	1
Manganese	**283**		8.0	0.84	ug/L		07/08/25 02:30	07/08/25 20:04	1
Nickel	**3.4**	**J**	4.0	1.4	ug/L		07/08/25 02:30	07/08/25 20:04	1

Client Sample ID: RXMW-03
Lab Sample ID: 460-329729-5
Date Collected: 07/01/25 15:10
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 6020B - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**79000**		200	114	ug/L		07/08/25 02:30	07/08/25 20:04	1
Selenium	**0.67**	**J**	2.5	0.43	ug/L		07/08/25 02:30	07/08/25 20:04	1
Silver	2.0	U	2.0	1.3	ug/L		07/08/25 02:30	07/08/25 20:04	1
Sodium	**2210000**		2500	900	ug/L		07/08/25 02:30	07/09/25 14:33	5
Thallium	0.50	U	0.50	0.16	ug/L		07/08/25 02:30	07/08/25 20:04	1
Vanadium	4.0	U	4.0	1.0	ug/L		07/08/25 02:30	07/08/25 20:04	1
Zinc	16.0	U	16.0	4.2	ug/L		07/08/25 02:30	07/08/25 20:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		07/07/25 10:43	07/07/25 18:31	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		07/07/25 09:58	07/07/25 17:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	10.0	U	10.0	10.0	ug/L			07/08/25 07:16	1
Cr (VI) (SW846 7196A)	10.0	U	10.0	2.9	ug/L			07/02/25 08:30	1
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0040	mg/L		07/06/25 15:31	07/06/25 16:29	1

Client Sample ID: FB_GW_07012025
Lab Sample ID: 460-329729-6
Date Collected: 07/01/25 15:00
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			07/08/25 03:51	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			07/08/25 03:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			07/08/25 03:51	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			07/08/25 03:51	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			07/08/25 03:51	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			07/08/25 03:51	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			07/08/25 03:51	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			07/08/25 03:51	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			07/08/25 03:51	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			07/08/25 03:51	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			07/08/25 03:51	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			07/08/25 03:51	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			07/08/25 03:51	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			07/08/25 03:51	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			07/08/25 03:51	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			07/08/25 03:51	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			07/08/25 03:51	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			07/08/25 03:51	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			07/08/25 03:51	1
Acetone	5.0	U	5.0	4.4	ug/L			07/08/25 03:51	1
Benzene	0.45	U	0.45	0.070	ug/L			07/08/25 03:51	1
Bromoform	1.0	U	1.0	0.54	ug/L			07/08/25 03:51	1
Bromomethane	1.0	U	1.0	0.55	ug/L			07/08/25 03:51	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: FB_GW_07012025
Lab Sample ID: 460-329729-6
Date Collected: 07/01/25 15:00
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	1.0	U	1.0	0.82	ug/L			07/08/25 03:51	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			07/08/25 03:51	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			07/08/25 03:51	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			07/08/25 03:51	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			07/08/25 03:51	1
Chloroethane	1.0	U *	1.0	0.32	ug/L			07/08/25 03:51	1
Chloroform	1.0	U	1.0	0.33	ug/L			07/08/25 03:51	1
Chloromethane	1.0	U	1.0	0.40	ug/L			07/08/25 03:51	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			07/08/25 03:51	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			07/08/25 03:51	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			07/08/25 03:51	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			07/08/25 03:51	1
Dichlorodifluoromethane	1.0	U *	1.0	0.31	ug/L			07/08/25 03:51	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			07/08/25 03:51	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			07/08/25 03:51	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			07/08/25 03:51	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			07/08/25 03:51	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			07/08/25 03:51	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			07/08/25 03:51	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			07/08/25 03:51	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			07/08/25 03:51	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			07/08/25 03:51	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			07/08/25 03:51	1
o-Xylene	1.0	U	1.0	0.36	ug/L			07/08/25 03:51	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			07/08/25 03:51	1
Styrene	1.0	U	1.0	0.42	ug/L			07/08/25 03:51	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			07/08/25 03:51	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			07/08/25 03:51	1
Toluene	1.0	U	1.0	0.38	ug/L			07/08/25 03:51	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			07/08/25 03:51	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			07/08/25 03:51	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			07/08/25 03:51	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			07/08/25 03:51	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			07/08/25 03:51	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			07/08/25 03:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*79*		*70 - 128*		*07/08/25 03:51*	*1*
4-Bromofluorobenzene	*111*		*76 - 120*		*07/08/25 03:51*	*1*
Dibromofluoromethane (Surr)	*85*		*77 - 132*		*07/08/25 03:51*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*07/08/25 03:51*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.20	U	0.20	0.072	ug/L		07/02/25 12:05	07/02/25 23:57	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*57*		*10 - 150*	*07/02/25 12:05*	*07/02/25 23:57*	*1*

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: FB_GW_07012025
Lab Sample ID: 460-329729-6

Date Collected: 07/01/25 15:00
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	5.0	U	5.0	1.2	ug/L		07/02/25 12:09	07/03/25 17:31	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 17:31	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		07/02/25 12:09	07/03/25 17:31	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		07/02/25 12:09	07/03/25 17:31	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		07/02/25 12:09	07/03/25 17:31	1
2,4,6-Trichlorophenol	3.0	U	3.0	0.86	ug/L		07/02/25 12:09	07/03/25 17:31	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		07/02/25 12:09	07/03/25 17:31	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		07/02/25 12:09	07/03/25 17:31	1
2,4-Dinitrophenol	40	U	40	11	ug/L		07/02/25 12:09	07/03/25 17:31	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		07/02/25 12:09	07/03/25 17:31	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		07/02/25 12:09	07/03/25 17:31	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 17:31	1
2-Chlorophenol	10	U	10	0.95	ug/L		07/02/25 12:09	07/03/25 17:31	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		07/02/25 12:09	07/03/25 17:31	1
2-Methylphenol	10	U	10	0.67	ug/L		07/02/25 12:09	07/03/25 17:31	1
2-Nitroaniline	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 17:31	1
2-Nitrophenol	10	U	10	0.75	ug/L		07/02/25 12:09	07/03/25 17:31	1
3 & 4 Methylphenol	10	U	10	0.64	ug/L		07/02/25 12:09	07/03/25 17:31	1
3,3'-Dichlorobenzidine	5.2	U	5.2	1.4	ug/L		07/02/25 12:09	07/03/25 17:31	1
3-Nitroaniline	10	U	10	1.9	ug/L		07/02/25 12:09	07/03/25 17:31	1
4,6-Dinitro-2-methylphenol	20	U	20	8.6	ug/L		07/02/25 12:09	07/03/25 17:31	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		07/02/25 12:09	07/03/25 17:31	1
4-Chloro-3-methylphenol	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 17:31	1
4-Chloroaniline	5.0	U	5.0	1.9	ug/L		07/02/25 12:09	07/03/25 17:31	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 17:31	1
4-Methylphenol	10	U	10	0.65	ug/L		07/02/25 12:09	07/03/25 17:31	1
4-Nitroaniline	10	U	10	1.2	ug/L		07/02/25 12:09	07/03/25 17:31	1
4-Nitrophenol	20	U	20	4.0	ug/L		07/02/25 12:09	07/03/25 17:31	1
Acenaphthene	10	U	10	1.1	ug/L		07/02/25 12:09	07/03/25 17:31	1
Acenaphthylene	10	U	10	0.82	ug/L		07/02/25 12:09	07/03/25 17:31	1
Acetophenone	10	U	10	2.3	ug/L		07/02/25 12:09	07/03/25 17:31	1
Anthracene	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 17:31	1
Atrazine	2.0	U *	2.0	1.3	ug/L		07/02/25 12:09	07/03/25 17:31	1
Benzaldehyde	10	U *	10	2.1	ug/L		07/02/25 12:09	07/03/25 17:31	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		07/02/25 12:09	07/03/25 17:31	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		07/02/25 12:09	07/03/25 17:31	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		07/02/25 12:09	07/03/25 17:31	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		07/02/25 12:09	07/03/25 17:31	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		07/02/25 12:09	07/03/25 17:31	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		07/02/25 12:09	07/03/25 17:31	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		07/02/25 12:09	07/03/25 17:31	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		07/02/25 12:09	07/03/25 17:31	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		07/02/25 12:09	07/03/25 17:31	1
Caprolactam	10	U	10	2.2	ug/L		07/02/25 12:09	07/03/25 17:31	1
Carbazole	10	U	10	0.68	ug/L		07/02/25 12:09	07/03/25 17:31	1
Chrysene	2.0	U	2.0	0.91	ug/L		07/02/25 12:09	07/03/25 17:31	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		07/02/25 12:09	07/03/25 17:31	1
Dibenzofuran	10	U	10	1.1	ug/L		07/02/25 12:09	07/03/25 17:31	1
Diethyl phthalate	10	U	10	0.98	ug/L		07/02/25 12:09	07/03/25 17:31	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: FB_GW_07012025
Lab Sample ID: 460-329729-6
Date Collected: 07/01/25 15:00
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	10	U	10	0.77	ug/L		07/02/25 12:09	07/03/25 17:31	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		07/02/25 12:09	07/03/25 17:31	1
Di-n-octyl phthalate	10	U	10	4.0	ug/L		07/02/25 12:09	07/03/25 17:31	1
Fluoranthene	10	U	10	0.84	ug/L		07/02/25 12:09	07/03/25 17:31	1
Fluorene	10	U	10	0.91	ug/L		07/02/25 12:09	07/03/25 17:31	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		07/02/25 12:09	07/03/25 17:31	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		07/02/25 12:09	07/03/25 17:31	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		07/02/25 12:09	07/03/25 17:31	1
Hexachloroethane	0.80	U	0.80	0.31	ug/L		07/02/25 12:09	07/03/25 17:31	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		07/02/25 12:09	07/03/25 17:31	1
Isophorone	10	U	10	0.80	ug/L		07/02/25 12:09	07/03/25 17:31	1
Naphthalene	2.0	U	2.0	0.54	ug/L		07/02/25 12:09	07/03/25 17:31	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		07/02/25 12:09	07/03/25 17:31	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		07/02/25 12:09	07/03/25 17:31	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		07/02/25 12:09	07/03/25 17:31	1
Pentachlorophenol	20	U	20	6.6	ug/L		07/02/25 12:09	07/03/25 17:31	1
Phenanthrene	10	U	10	1.3	ug/L		07/02/25 12:09	07/03/25 17:31	1
Phenol	10	U	10	0.29	ug/L		07/02/25 12:09	07/03/25 17:31	1
Pyrene	10	U	10	1.6	ug/L		07/02/25 12:09	07/03/25 17:31	1
1,4-Dioxane	10	U	10	1.6	ug/L		07/02/25 12:09	07/03/25 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*64*		*24 - 150*	*07/02/25 12:09*	*07/03/25 17:31*	*1*
2-Fluorobiphenyl	*69*		*38 - 139*	*07/02/25 12:09*	*07/03/25 17:31*	*1*
2-Fluorophenol (Surr)	*46*		*10 - 90*	*07/02/25 12:09*	*07/03/25 17:31*	*1*
Nitrobenzene-d5 (Surr)	*75*		*39 - 145*	*07/02/25 12:09*	*07/03/25 17:31*	*1*
Phenol-d5 (Surr)	*31*		*10 - 68*	*07/02/25 12:09*	*07/03/25 17:31*	*1*
Terphenyl-d14 (Surr)	*52*		*10 - 133*	*07/02/25 12:09*	*07/03/25 17:31*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		07/02/25 10:49	07/03/25 06:39	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 06:39	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 06:39	1
Aldrin	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 06:39	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		07/02/25 10:49	07/03/25 06:39	1
beta-BHC	0.020	U	0.020	0.015	ug/L		07/02/25 10:49	07/03/25 06:39	1
Chlordane (technical)	0.20	U	0.20	0.055	ug/L		07/02/25 10:49	07/03/25 06:39	1
cis-Chlordane	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 06:39	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		07/02/25 10:49	07/03/25 06:39	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 06:39	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 06:39	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 06:39	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		07/02/25 10:49	07/03/25 06:39	1
Endrin	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 06:39	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		07/02/25 10:49	07/03/25 06:39	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		07/02/25 10:49	07/03/25 06:39	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		07/02/25 10:49	07/03/25 06:39	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 06:39	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		07/02/25 10:49	07/03/25 06:39	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: FB_GW_07012025
Lab Sample ID: 460-329729-6
Date Collected: 07/01/25 15:00
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 06:39	1
Toxaphene	0.50	U	0.50	0.11	ug/L		07/02/25 10:49	07/03/25 06:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*104*		*10 - 131*	*07/02/25 10:49*	*07/03/25 06:39*	*1*
DCB Decachlorobiphenyl	*94*		*10 - 131*	*07/02/25 10:49*	*07/03/25 06:39*	*1*
Tetrachloro-m-xylene	*99*		*31 - 120*	*07/02/25 10:49*	*07/03/25 06:39*	*1*
Tetrachloro-m-xylene	*92*		*31 - 120*	*07/02/25 10:49*	*07/03/25 06:39*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.20	U	0.20	0.12	ug/L		07/02/25 10:40	07/02/25 21:54	1
Aroclor 1221	0.20	U	0.20	0.12	ug/L		07/02/25 10:40	07/02/25 21:54	1
Aroclor 1232	0.20	U	0.20	0.12	ug/L		07/02/25 10:40	07/02/25 21:54	1
Aroclor 1242	0.20	U	0.20	0.12	ug/L		07/02/25 10:40	07/02/25 21:54	1
Aroclor 1248	0.20	U	0.20	0.12	ug/L		07/02/25 10:40	07/02/25 21:54	1
Aroclor 1254	0.20	U	0.20	0.11	ug/L		07/02/25 10:40	07/02/25 21:54	1
Aroclor 1260	0.20	U	0.20	0.11	ug/L		07/02/25 10:40	07/02/25 21:54	1
Aroclor-1262	0.20	U	0.20	0.11	ug/L		07/02/25 10:40	07/02/25 21:54	1
Aroclor 1268	0.20	U	0.20	0.11	ug/L		07/02/25 10:40	07/02/25 21:54	1
Polychlorinated biphenyls, Total	0.20	U	0.20	0.12	ug/L		07/02/25 10:40	07/02/25 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*95*		*10 - 127*	*07/02/25 10:40*	*07/02/25 21:54*	*1*
DCB Decachlorobiphenyl	*96*		*10 - 127*	*07/02/25 10:40*	*07/02/25 21:54*	*1*
Tetrachloro-m-xylene	*86*		*21 - 139*	*07/02/25 10:40*	*07/02/25 21:54*	*1*
Tetrachloro-m-xylene	*92*		*21 - 139*	*07/02/25 10:40*	*07/02/25 21:54*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	1.2	U *	1.2	0.12	ug/L		07/03/25 07:45	07/06/25 22:07	1
2,4-D	1.2	U *	1.2	0.13	ug/L		07/03/25 07:45	07/06/25 22:07	1
Silvex (2,4,5-TP)	1.2	U	1.2	0.11	ug/L		07/03/25 07:45	07/06/25 22:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*115*		*10 - 150*	*07/03/25 07:45*	*07/06/25 22:07*	*1*
2,4-Dichlorophenylacetic acid	*113*		*10 - 150*	*07/03/25 07:45*	*07/06/25 22:07*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	40.0	U	40.0	11.7	ug/L		07/05/25 20:40	07/07/25 14:18	1
Antimony	2.0	U	2.0	0.48	ug/L		07/05/25 20:40	07/07/25 14:18	1
Arsenic	2.0	U	2.0	1.2	ug/L		07/05/25 20:40	07/07/25 14:18	1
Barium	4.0	U	4.0	0.93	ug/L		07/05/25 20:40	07/07/25 14:18	1
Beryllium	0.80	U	0.80	0.12	ug/L		07/05/25 20:40	07/07/25 14:18	1
Cadmium	0.92	U	0.92	0.26	ug/L		07/05/25 20:40	07/07/25 14:18	1
Calcium	**54.8**	**J**	500	31.7	ug/L		07/05/25 20:40	07/07/25 14:18	1
Chromium	4.0	U	4.0	1.7	ug/L		07/05/25 20:40	07/07/25 14:18	1
Cobalt	2.0	U	2.0	0.18	ug/L		07/05/25 20:40	07/07/25 14:18	1
Copper	4.0	U	4.0	2.0	ug/L		07/05/25 20:40	07/07/25 14:18	1
Iron	120	U	120	33.7	ug/L		07/05/25 20:40	07/07/25 14:18	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: FB_GW_07012025
Lab Sample ID: 460-329729-6
Date Collected: 07/01/25 15:00
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.2	U	1.2	0.42	ug/L		07/05/25 20:40	07/07/25 14:18	1
Magnesium	200	U	200	21.8	ug/L		07/05/25 20:40	07/07/25 14:18	1
Manganese	8.0	U	8.0	0.84	ug/L		07/05/25 20:40	07/07/25 14:18	1
Nickel	4.0	U	4.0	1.4	ug/L		07/05/25 20:40	07/07/25 14:18	1
Potassium	200	U	200	114	ug/L		07/05/25 20:40	07/07/25 14:18	1
Selenium	2.5	U	2.5	0.43	ug/L		07/05/25 20:40	07/07/25 14:18	1
Silver	2.0	U	2.0	1.3	ug/L		07/05/25 20:40	07/07/25 14:18	1
Sodium	**263**	**J**	500	180	ug/L		07/05/25 20:40	07/07/25 14:18	1
Thallium	0.50	U	0.50	0.16	ug/L		07/05/25 20:40	07/07/25 14:18	1
Vanadium	4.0	U	4.0	1.0	ug/L		07/05/25 20:40	07/07/25 14:18	1
Zinc	16.0	U	16.0	4.2	ug/L		07/05/25 20:40	07/07/25 14:18	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	40.0	U	40.0	11.7	ug/L		07/08/25 02:30	07/08/25 19:59	1
Antimony	2.0	U	2.0	0.48	ug/L		07/08/25 02:30	07/08/25 19:59	1
Arsenic	2.0	U	2.0	1.2	ug/L		07/08/25 02:30	07/08/25 19:59	1
Barium	4.0	U	4.0	0.93	ug/L		07/08/25 02:30	07/08/25 19:59	1
Beryllium	0.80	U	0.80	0.12	ug/L		07/08/25 02:30	07/08/25 19:59	1
Cadmium	0.92	U	0.92	0.26	ug/L		07/08/25 02:30	07/08/25 19:59	1
Calcium	500	U	500	31.7	ug/L		07/08/25 02:30	07/08/25 19:59	1
Chromium	4.0	U	4.0	1.7	ug/L		07/08/25 02:30	07/08/25 19:59	1
Cobalt	2.0	U	2.0	0.18	ug/L		07/08/25 02:30	07/08/25 19:59	1
Copper	4.0	U	4.0	2.0	ug/L		07/08/25 02:30	07/08/25 19:59	1
Iron	120	U	120	33.7	ug/L		07/08/25 02:30	07/08/25 19:59	1
Lead	1.2	U	1.2	0.42	ug/L		07/08/25 02:30	07/08/25 19:59	1
Magnesium	200	U	200	21.8	ug/L		07/08/25 02:30	07/08/25 19:59	1
Manganese	8.0	U	8.0	0.84	ug/L		07/08/25 02:30	07/08/25 19:59	1
Nickel	4.0	U	4.0	1.4	ug/L		07/08/25 02:30	07/08/25 19:59	1
Potassium	200	U	200	114	ug/L		07/08/25 02:30	07/08/25 19:59	1
Selenium	2.5	U	2.5	0.43	ug/L		07/08/25 02:30	07/08/25 19:59	1
Silver	2.0	U	2.0	1.3	ug/L		07/08/25 02:30	07/08/25 19:59	1
Sodium	500	U	500	180	ug/L		07/08/25 02:30	07/08/25 19:59	1
Thallium	0.50	U	0.50	0.16	ug/L		07/08/25 02:30	07/08/25 19:59	1
Vanadium	4.0	U	4.0	1.0	ug/L		07/08/25 02:30	07/08/25 19:59	1
Zinc	16.0	U	16.0	4.2	ug/L		07/08/25 02:30	07/08/25 19:59	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		07/07/25 10:43	07/07/25 18:34	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		07/07/25 09:58	07/07/25 17:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	10.0	U	10.0	10.0	ug/L			07/08/25 07:16	1
Cr (VI) (SW846 7196A)	10.0	U	10.0	2.9	ug/L			07/02/25 08:30	1
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0040	mg/L		07/06/25 15:31	07/06/25 16:29	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-329729-1

Client Sample ID: TRIP BLANK
Date Collected: 07/01/25 00:00
Date Received: 07/01/25 19:20

Lab Sample ID: 460-329729-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			07/08/25 03:25	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			07/08/25 03:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			07/08/25 03:25	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			07/08/25 03:25	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			07/08/25 03:25	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			07/08/25 03:25	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			07/08/25 03:25	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			07/08/25 03:25	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			07/08/25 03:25	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			07/08/25 03:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			07/08/25 03:25	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			07/08/25 03:25	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			07/08/25 03:25	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			07/08/25 03:25	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			07/08/25 03:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			07/08/25 03:25	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			07/08/25 03:25	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			07/08/25 03:25	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			07/08/25 03:25	1
Acetone	5.0	U	5.0	4.4	ug/L			07/08/25 03:25	1
Benzene	0.45	U	0.45	0.070	ug/L			07/08/25 03:25	1
Bromoform	1.0	U	1.0	0.54	ug/L			07/08/25 03:25	1
Bromomethane	1.0	U	1.0	0.55	ug/L			07/08/25 03:25	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			07/08/25 03:25	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			07/08/25 03:25	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			07/08/25 03:25	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			07/08/25 03:25	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			07/08/25 03:25	1
Chloroethane	1.0	U *	1.0	0.32	ug/L			07/08/25 03:25	1
Chloroform	1.0	U	1.0	0.33	ug/L			07/08/25 03:25	1
Chloromethane	1.0	U	1.0	0.40	ug/L			07/08/25 03:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			07/08/25 03:25	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			07/08/25 03:25	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			07/08/25 03:25	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			07/08/25 03:25	1
Dichlorodifluoromethane	1.0	U *	1.0	0.31	ug/L			07/08/25 03:25	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			07/08/25 03:25	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			07/08/25 03:25	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			07/08/25 03:25	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			07/08/25 03:25	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			07/08/25 03:25	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			07/08/25 03:25	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			07/08/25 03:25	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			07/08/25 03:25	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			07/08/25 03:25	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			07/08/25 03:25	1
o-Xylene	1.0	U	1.0	0.36	ug/L			07/08/25 03:25	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			07/08/25 03:25	1
Styrene	1.0	U	1.0	0.42	ug/L			07/08/25 03:25	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: TRIP BLANK
Lab Sample ID: 460-329729-7
Date Collected: 07/01/25 00:00
Matrix: Water
Date Received: 07/01/25 19:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			07/08/25 03:25	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			07/08/25 03:25	1
Toluene	1.0	U	1.0	0.38	ug/L			07/08/25 03:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			07/08/25 03:25	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			07/08/25 03:25	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			07/08/25 03:25	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			07/08/25 03:25	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			07/08/25 03:25	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			07/08/25 03:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*78*		*70 - 128*		*07/08/25 03:25*	*1*
4-Bromofluorobenzene	*110*		*76 - 120*		*07/08/25 03:25*	*1*
Dibromofluoromethane (Surr)	*86*		*77 - 132*		*07/08/25 03:25*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*07/08/25 03:25*	*1*

Surrogate Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-329729-1	RXMW-02	78	110	85	88
460-329729-1 MS	RXMW-02	78	112	83	87
460-329729-1 MSD	RXMW-02	78	113	82	87
460-329729-2	DUP_GW_07012025	78	110	86	88
460-329729-3	RXMW-06	77	112	84	88
460-329729-4	RXMW-08	77	110	83	88
460-329729-5	RXMW-03	78	111	85	88
460-329729-6	FB_GW_07012025	79	111	85	88
460-329729-7	TRIP BLANK	78	110	86	88
LCS 460-1048410/4	Lab Control Sample	84	111	85	90
MB 460-1048410/9	Method Blank	78	111	86	89

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(24-150)	(38-139)	(10-90)	(39-145)	(10-68)	(10-133)
460-329667-E-4-B MS	Matrix Spike	68	72	35	73	22	43
460-329667-E-4-C MSD	Matrix Spike Duplicate	71	76	43	77	28	49
460-329729-1	RXMW-02	71	74	45	77	28	34
460-329729-1 MS	RXMW-02	70	72	42	75	27	37
460-329729-1 MSD	RXMW-02	65	66	36	71	22	37
460-329729-2	DUP_GW_07012025	68	81	48	88	33	30
460-329729-3	RXMW-06	75	79	78	85	71 *	61
460-329729-4	RXMW-08	58	62	38	67	25	20
460-329729-5	RXMW-03	66	68	44	76	29	27
460-329729-6	FB_GW_07012025	64	69	46	75	31	52
LCS 460-1047575/2-A	Lab Control Sample	76	79	53	82	37	63
LCSD 460-1047575/3-A	Lab Control Sample Dup	77	79	54	82	39	63
MB 460-1047575/1-A	Method Blank	66	71	48	78	35	51

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Surrogate Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-131)	DCBP2 (10-131)	TCX1 (31-120)	TCX2 (31-120)
460-329729-1	RXMW-02	81	78	69	73
460-329729-1 MS	RXMW-02	68	65	60	65
460-329729-1 MSD	RXMW-02	69	61	56	67
460-329729-2	DUP_GW_07012025	73	72	66	67
460-329729-3	RXMW-06	68	70	64	77
460-329729-4	RXMW-08	97	110	86	103
460-329729-5	RXMW-03	84	89	81	88
460-329729-6	FB_GW_07012025	94	104	92	99
LCS 460-1047555/2-A	Lab Control Sample	88	92	88	90
LCSD 460-1047555/3-A	Lab Control Sample Dup	94	99	92	95
MB 460-1047555/1-A	Method Blank	87	88	85	89

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-127)	DCBP2 (10-127)	TCX1 (21-139)	TCX2 (21-139)
460-329729-1	RXMW-02	85	62	63	54
460-329729-1 MS	RXMW-02	118	116	102	100
460-329729-1 MSD	RXMW-02	109	107	98	95
460-329729-2	DUP_GW_07012025	125	100	95	89
460-329729-3	RXMW-06	111	80	87	72
460-329729-4	RXMW-08	95	82	75	73
460-329729-5	RXMW-03	102	95	93	85
460-329729-6	FB_GW_07012025	96	95	92	86
LCS 460-1047547/2-A	Lab Control Sample	119	112	115	108
LCSD 460-1047547/3-A	Lab Control Sample Dup	117	117	119	112
MB 460-1047547/1-A	Method Blank	120	118	120	113

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPAA1 (10-150)	DCPAA2 (10-150)
460-329729-1	RXMW-02	123	126
460-329729-1 MS	RXMW-02	101	104
460-329729-1 MSD	RXMW-02	79	80
460-329729-2	DUP_GW_07012025	94	97
460-329729-3	RXMW-06	93	107
460-329729-4	RXMW-08	87	89
460-329729-5	RXMW-03	118	121
460-329729-6	FB_GW_07012025	113	115

Surrogate Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method: 8151A - Herbicides (GC) (Continued)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	DCPAA1 (10-150)	DCPAA2 (10-150)								
LCS 460-1047751/2-A	Lab Control Sample	62	62								
LCSD 460-1047751/3-A	Lab Control Sample Dup	96	98								
MB 460-1047751/1-A	Method Blank	42	40								

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Isotope Dilution Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DXE (10-150)						
460-329729-1	RXMW-02	59						
460-329729-1 MS	RXMW-02	75						
460-329729-1 MSD	RXMW-02	41						
460-329729-2	DUP_GW_07012025	56						
460-329729-3	RXMW-06	64						
460-329729-4	RXMW-08	57						
460-329729-5	RXMW-03	55						
460-329729-6	FB_GW_07012025	57						
LCS 460-1047574/2-A	Lab Control Sample	53						
LCSD 460-1047574/3-A	Lab Control Sample Dup	51						
MB 460-1047574/1-A	Method Blank	62						

Surrogate Legend

DXE = 1,4-Dioxane-d8

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1048410/9
Matrix: Water
Analysis Batch: 1048410

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			07/08/25 02:07	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			07/08/25 02:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			07/08/25 02:07	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			07/08/25 02:07	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			07/08/25 02:07	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			07/08/25 02:07	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			07/08/25 02:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			07/08/25 02:07	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			07/08/25 02:07	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			07/08/25 02:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			07/08/25 02:07	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			07/08/25 02:07	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			07/08/25 02:07	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			07/08/25 02:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			07/08/25 02:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			07/08/25 02:07	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			07/08/25 02:07	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			07/08/25 02:07	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			07/08/25 02:07	1
Acetone	5.0	U	5.0	4.4	ug/L			07/08/25 02:07	1
Benzene	0.45	U	0.45	0.070	ug/L			07/08/25 02:07	1
Bromoform	1.0	U	1.0	0.54	ug/L			07/08/25 02:07	1
Bromomethane	1.0	U	1.0	0.55	ug/L			07/08/25 02:07	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			07/08/25 02:07	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			07/08/25 02:07	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			07/08/25 02:07	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			07/08/25 02:07	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			07/08/25 02:07	1
Chloroethane	1.0	U	1.0	0.32	ug/L			07/08/25 02:07	1
Chloroform	1.0	U	1.0	0.33	ug/L			07/08/25 02:07	1
Chloromethane	1.0	U	1.0	0.40	ug/L			07/08/25 02:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			07/08/25 02:07	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			07/08/25 02:07	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			07/08/25 02:07	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			07/08/25 02:07	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/08/25 02:07	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			07/08/25 02:07	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			07/08/25 02:07	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			07/08/25 02:07	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			07/08/25 02:07	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			07/08/25 02:07	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			07/08/25 02:07	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			07/08/25 02:07	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			07/08/25 02:07	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			07/08/25 02:07	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			07/08/25 02:07	1
o-Xylene	1.0	U	1.0	0.36	ug/L			07/08/25 02:07	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			07/08/25 02:07	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1048410/9
Matrix: Water
Analysis Batch: 1048410

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	1.0	U	1.0	0.42	ug/L			07/08/25 02:07	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			07/08/25 02:07	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			07/08/25 02:07	1
Toluene	1.0	U	1.0	0.38	ug/L			07/08/25 02:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			07/08/25 02:07	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			07/08/25 02:07	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			07/08/25 02:07	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			07/08/25 02:07	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			07/08/25 02:07	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			07/08/25 02:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*78*		*70 - 128*		*07/08/25 02:07*	*1*
4-Bromofluorobenzene	*111*		*76 - 120*		*07/08/25 02:07*	*1*
Dibromofluoromethane (Surr)	*86*		*77 - 132*		*07/08/25 02:07*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*		*07/08/25 02:07*	*1*

Lab Sample ID: LCS 460-1048410/4
Matrix: Water
Analysis Batch: 1048410

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	20.6		ug/L		103	72 - 128
1,1,2,2-Tetrachloroethane	20.0	20.7		ug/L		103	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.9		ug/L		104	65 - 142
1,1,2-Trichloroethane	20.0	21.1		ug/L		105	74 - 125
1,1-Dichloroethane	20.0	21.0		ug/L		105	73 - 130
1,1-Dichloroethene	20.0	20.4		ug/L		102	68 - 133
1,2,3-Trichlorobenzene	20.0	22.2		ug/L		111	55 - 150
1,2,4-Trichlorobenzene	20.0	21.7		ug/L		108	67 - 132
1,2,4-Trimethylbenzene	20.0	21.7		ug/L		109	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	22.2		ug/L		111	58 - 132
1,2-Dichlorobenzene	20.0	21.3		ug/L		106	80 - 120
1,2-Dichloroethane	20.0	19.8		ug/L		99	66 - 129
1,2-Dichloropropane	20.0	20.2		ug/L		101	72 - 128
1,3,5-Trimethylbenzene	20.0	18.1		ug/L		90	75 - 125
1,3-Dichlorobenzene	20.0	21.5		ug/L		108	80 - 120
1,4-Dichlorobenzene	20.0	20.9		ug/L		105	80 - 120
2-Butanone (MEK)	100	91.4		ug/L		91	65 - 142
2-Hexanone	100	103		ug/L		103	72 - 134
4-Methyl-2-pentanone (MIBK)	100	105		ug/L		105	77 - 130
Acetone	100	95.3		ug/L		95	60 - 133
Benzene	20.0	20.5		ug/L		102	71 - 126
Bromoform	20.0	23.7		ug/L		119	58 - 128
Bromomethane	20.0	17.3		ug/L		87	33 - 150
Carbon disulfide	20.0	21.8		ug/L		109	35 - 150
Carbon tetrachloride	20.0	18.8		ug/L		94	65 - 131
Chlorobenzene	20.0	20.8		ug/L		104	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1048410/4
Matrix: Water
Analysis Batch: 1048410

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	20.0	21.1		ug/L		105	71 - 134
Chlorodibromomethane	20.0	23.3		ug/L		117	73 - 121
Chloroethane	20.0	50.6	*	ug/L		253	54 - 150
Chloroform	20.0	20.7		ug/L		103	78 - 125
Chloromethane	20.0	20.9		ug/L		105	43 - 149
cis-1,2-Dichloroethene	20.0	20.3		ug/L		102	78 - 121
cis-1,3-Dichloropropene	20.0	22.0		ug/L		110	74 - 125
Cyclohexane	20.0	20.1		ug/L		101	64 - 142
Dichlorobromomethane	20.0	21.9		ug/L		109	76 - 121
Dichlorodifluoromethane	20.0	30.5	*	ug/L		152	38 - 144
Ethylbenzene	20.0	20.9		ug/L		104	78 - 120
Ethylene Dibromide	20.0	21.4		ug/L		107	79 - 126
Isopropylbenzene	20.0	21.6		ug/L		108	79 - 125
Methyl acetate	40.0	40.0		ug/L		100	50 - 147
Methyl tert-butyl ether	20.0	22.2		ug/L		111	72 - 131
Methylcyclohexane	20.0	20.4		ug/L		102	63 - 138
Methylene Chloride	20.0	21.0		ug/L		105	74 - 127
m-Xylene & p-Xylene	20.0	21.0		ug/L		105	78 - 120
n-Butylbenzene	20.0	21.8		ug/L		109	69 - 135
N-Propylbenzene	20.0	21.2		ug/L		106	68 - 129
o-Xylene	20.0	21.4		ug/L		107	78 - 120
sec-Butylbenzene	20.0	21.8		ug/L		109	77 - 129
Styrene	20.0	21.6		ug/L		108	82 - 127
tert-Butylbenzene	20.0	21.3		ug/L		106	78 - 120
Tetrachloroethene	20.0	19.9		ug/L		99	70 - 127
Toluene	20.0	20.2		ug/L		101	78 - 120
trans-1,2-Dichloroethene	20.0	21.2		ug/L		106	70 - 126
trans-1,3-Dichloropropene	20.0	23.3		ug/L		116	71 - 127
Trichloroethene	20.0	19.8		ug/L		99	73 - 121
Trichlorofluoromethane	20.0	23.0		ug/L		115	62 - 134
Vinyl chloride	20.0	22.6		ug/L		113	55 - 144
Xylenes, Total	40.0	42.4		ug/L		106	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 128*
4-Bromofluorobenzene	*111*		*76 - 120*
Dibromofluoromethane (Surr)	*85*		*77 - 132*
Toluene-d8 (Surr)	*90*		*80 - 120*

Lab Sample ID: 460-329729-1 MS
Matrix: Water
Analysis Batch: 1048410

Client Sample ID: RXMW-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	20.5		ug/L		103	72 - 128
1,1,2,2-Tetrachloroethane	0.20	U	20.0	20.4		ug/L		102	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	18.5		ug/L		92	65 - 142
1,1,2-Trichloroethane	0.58	U	20.0	20.4		ug/L		102	74 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-329729-1 MS
Matrix: Water
Analysis Batch: 1048410

Client Sample ID: RXMW-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	1.0	U	20.0	21.0		ug/L		105	73 - 130
1,1-Dichloroethene	1.0	U	20.0	20.1		ug/L		100	68 - 133
1,2,3-Trichlorobenzene	1.0	U	20.0	21.2		ug/L		106	55 - 150
1,2,4-Trichlorobenzene	1.0	U	20.0	20.9		ug/L		104	67 - 132
1,2,4-Trimethylbenzene	1.0	U	20.0	21.0		ug/L		105	75 - 125
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	21.7		ug/L		109	58 - 132
1,2-Dichlorobenzene	1.0	U	20.0	21.0		ug/L		105	80 - 120
1,2-Dichloroethane	0.30	U	20.0	19.3		ug/L		97	66 - 129
1,2-Dichloropropane	0.92	U	20.0	19.5		ug/L		97	72 - 128
1,3,5-Trimethylbenzene	1.0	U	20.0	17.7		ug/L		88	75 - 125
1,3-Dichlorobenzene	1.0	U	20.0	21.0		ug/L		105	80 - 120
1,4-Dichlorobenzene	1.0	U	20.0	20.5		ug/L		102	80 - 120
2-Butanone (MEK)	5.0	U	100	88.7		ug/L		89	65 - 142
2-Hexanone	5.0	U	100	98.8		ug/L		99	72 - 134
4-Methyl-2-pentanone (MIBK)	5.0	U	100	101		ug/L		101	77 - 130
Acetone	5.0	U	100	95.2		ug/L		95	60 - 133
Benzene	0.45	U	20.0	20.3		ug/L		102	71 - 126
Bromoform	1.0	U	20.0	23.7		ug/L		118	58 - 128
Bromomethane	1.0	U	20.0	16.1		ug/L		80	33 - 150
Carbon disulfide	1.0	U	20.0	21.8		ug/L		109	35 - 150
Carbon tetrachloride	1.0	U	20.0	17.1		ug/L		86	65 - 131
Chlorobenzene	1.0	U	20.0	20.6		ug/L		103	80 - 120
Chlorobromomethane	1.0	U	20.0	20.2		ug/L		101	71 - 134
Chlorodibromomethane	0.78	U	20.0	22.4		ug/L		112	73 - 121
Chloroethane	0.48	J *	20.0	29.3		ug/L		144	54 - 150
Chloroform	1.0	U	20.0	20.7		ug/L		103	78 - 125
Chloromethane	1.0	U	20.0	20.3		ug/L		102	43 - 149
cis-1,2-Dichloroethene	1.0	U	20.0	20.0		ug/L		100	78 - 121
cis-1,3-Dichloropropene	0.45	U	20.0	19.9		ug/L		99	74 - 125
Cyclohexane	1.0	U	20.0	18.3		ug/L		91	64 - 142
Dichlorobromomethane	0.98	U	20.0	21.2		ug/L		106	76 - 121
Dichlorodifluoromethane	1.0	U *	20.0	26.8		ug/L		134	38 - 144
Ethylbenzene	1.0	U	20.0	20.9		ug/L		105	78 - 120
Ethylene Dibromide	1.0	U	20.0	20.8		ug/L		104	79 - 126
Isopropylbenzene	1.0	U	20.0	21.2		ug/L		106	79 - 125
Methyl acetate	5.0	U	40.0	34.9		ug/L		87	50 - 147
Methyl tert-butyl ether	0.81	J	20.0	21.8		ug/L		105	72 - 131
Methylcyclohexane	1.0	U	20.0	17.4		ug/L		87	63 - 138
Methylene Chloride	1.0	U	20.0	20.8		ug/L		104	74 - 127
m-Xylene & p-Xylene	1.0	U	20.0	20.5		ug/L		103	78 - 120
n-Butylbenzene	1.0	U	20.0	21.0		ug/L		105	69 - 135
N-Propylbenzene	1.0	U	20.0	20.6		ug/L		103	68 - 129
o-Xylene	1.0	U	20.0	20.9		ug/L		104	78 - 120
sec-Butylbenzene	1.0	U	20.0	21.4		ug/L		107	77 - 129
Styrene	1.0	U	20.0	21.1		ug/L		106	82 - 127
tert-Butylbenzene	0.49	J	20.0	21.5		ug/L		105	78 - 120
Tetrachloroethene	0.40	U	20.0	19.3		ug/L		97	70 - 127
Toluene	1.0	U	20.0	20.0		ug/L		100	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	20.6		ug/L		103	70 - 126

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-329729-1 MS
Matrix: Water
Analysis Batch: 1048410

Client Sample ID: RXMW-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	0.45	U	20.0	21.0		ug/L		105	71 - 127
Trichloroethene	0.28	U	20.0	19.5		ug/L		97	73 - 121
Trichlorofluoromethane	1.0	U	20.0	22.1		ug/L		110	62 - 134
Vinyl chloride	1.0	U	20.0	24.4		ug/L		122	55 - 144
Xylenes, Total	2.0	U	40.0	41.4		ug/L		103	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*78*		*70 - 128*
4-Bromofluorobenzene	*112*		*76 - 120*
Dibromofluoromethane (Surr)	*83*		*77 - 132*
Toluene-d8 (Surr)	*87*		*80 - 120*

Lab Sample ID: 460-329729-1 MSD
Matrix: Water
Analysis Batch: 1048410

Client Sample ID: RXMW-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	21.4		ug/L		107	72 - 128	4	30
1,1,2,2-Tetrachloroethane	0.20	U	20.0	20.9		ug/L		104	63 - 139	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	19.6		ug/L		98	65 - 142	6	30
1,1,2-Trichloroethane	0.58	U	20.0	21.2		ug/L		106	74 - 125	4	30
1,1-Dichloroethane	1.0	U	20.0	21.6		ug/L		108	73 - 130	3	30
1,1-Dichloroethene	1.0	U	20.0	20.9		ug/L		104	68 - 133	4	30
1,2,3-Trichlorobenzene	1.0	U	20.0	22.3		ug/L		112	55 - 150	5	30
1,2,4-Trichlorobenzene	1.0	U	20.0	21.7		ug/L		109	67 - 132	4	30
1,2,4-Trimethylbenzene	1.0	U	20.0	21.5		ug/L		107	75 - 125	2	30
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	22.8		ug/L		114	58 - 132	5	30
1,2-Dichlorobenzene	1.0	U	20.0	21.6		ug/L		108	80 - 120	3	30
1,2-Dichloroethane	0.30	U	20.0	19.4		ug/L		97	66 - 129	0	30
1,2-Dichloropropane	0.92	U	20.0	20.0		ug/L		100	72 - 128	2	30
1,3,5-Trimethylbenzene	1.0	U	20.0	18.2		ug/L		91	75 - 125	3	30
1,3-Dichlorobenzene	1.0	U	20.0	21.7		ug/L		109	80 - 120	3	30
1,4-Dichlorobenzene	1.0	U	20.0	20.9		ug/L		104	80 - 120	2	30
2-Butanone (MEK)	5.0	U	100	94.5		ug/L		95	65 - 142	6	30
2-Hexanone	5.0	U	100	102		ug/L		102	72 - 134	3	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	105		ug/L		105	77 - 130	4	30
Acetone	5.0	U	100	96.8		ug/L		97	60 - 133	2	30
Benzene	0.45	U	20.0	21.2		ug/L		106	71 - 126	4	30
Bromoform	1.0	U	20.0	23.6		ug/L		118	58 - 128	0	30
Bromomethane	1.0	U	20.0	17.7		ug/L		89	33 - 150	10	30
Carbon disulfide	1.0	U	20.0	22.4		ug/L		112	35 - 150	3	30
Carbon tetrachloride	1.0	U	20.0	19.1		ug/L		95	65 - 131	11	30
Chlorobenzene	1.0	U	20.0	21.4		ug/L		107	80 - 120	4	30
Chlorobromomethane	1.0	U	20.0	20.4		ug/L		102	71 - 134	1	30
Chlorodibromomethane	0.78	U	20.0	23.6		ug/L		118	73 - 121	5	30
Chloroethane	0.48	J *	20.0	27.5		ug/L		135	54 - 150	6	30
Chloroform	1.0	U	20.0	21.2		ug/L		106	78 - 125	2	30
Chloromethane	1.0	U	20.0	21.4		ug/L		107	43 - 149	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-329729-1 MSD
Matrix: Water
Analysis Batch: 1048410

Client Sample ID: RXMW-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	1.0	U	20.0	21.3		ug/L		107	78 - 121	7	30
cis-1,3-Dichloropropene	0.45	U	20.0	20.8		ug/L		104	74 - 125	4	30
Cyclohexane	1.0	U	20.0	19.2		ug/L		96	64 - 142	5	30
Dichlorobromomethane	0.98	U	20.0	22.4		ug/L		112	76 - 121	5	30
Dichlorodifluoromethane	1.0	U *	20.0	28.1		ug/L		140	38 - 144	5	30
Ethylbenzene	1.0	U	20.0	21.4		ug/L		107	78 - 120	2	30
Ethylene Dibromide	1.0	U	20.0	21.1		ug/L		105	79 - 126	1	30
Isopropylbenzene	1.0	U	20.0	22.0		ug/L		110	79 - 125	4	30
Methyl acetate	5.0	U	40.0	34.9		ug/L		87	50 - 147	0	30
Methyl tert-butyl ether	0.81	J	20.0	21.9		ug/L		105	72 - 131	1	30
Methylcyclohexane	1.0	U	20.0	18.5		ug/L		92	63 - 138	6	30
Methylene Chloride	1.0	U	20.0	21.5		ug/L		107	74 - 127	3	30
m-Xylene & p-Xylene	1.0	U	20.0	21.4		ug/L		107	78 - 120	4	30
n-Butylbenzene	1.0	U	20.0	21.6		ug/L		108	69 - 135	3	30
N-Propylbenzene	1.0	U	20.0	21.4		ug/L		107	68 - 129	4	30
o-Xylene	1.0	U	20.0	21.5		ug/L		108	78 - 120	3	30
sec-Butylbenzene	1.0	U	20.0	22.1		ug/L		110	77 - 129	3	30
Styrene	1.0	U	20.0	21.6		ug/L		108	82 - 127	2	30
tert-Butylbenzene	0.49	J	20.0	22.0		ug/L		108	78 - 120	2	30
Tetrachloroethene	0.40	U	20.0	20.2		ug/L		101	70 - 127	5	30
Toluene	1.0	U	20.0	20.9		ug/L		104	78 - 120	4	30
trans-1,2-Dichloroethene	1.0	U	20.0	21.7		ug/L		108	70 - 126	5	30
trans-1,3-Dichloropropene	0.45	U	20.0	21.6		ug/L		108	71 - 127	3	30
Trichloroethene	0.28	U	20.0	20.2		ug/L		101	73 - 121	4	30
Trichlorofluoromethane	1.0	U	20.0	23.0		ug/L		115	62 - 134	4	30
Vinyl chloride	1.0	U	20.0	23.7		ug/L		118	55 - 144	3	30
Xylenes, Total	2.0	U	40.0	42.9		ug/L		107	80 - 120	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*78*		*70 - 128*
4-Bromofluorobenzene	*113*		*76 - 120*
Dibromofluoromethane (Surr)	*82*		*77 - 132*
Toluene-d8 (Surr)	*87*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1047575/1-A
Matrix: Water
Analysis Batch: 1047615

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1047575

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	5.0	U	5.0	1.2	ug/L		07/02/25 12:09	07/02/25 22:04	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		07/02/25 12:09	07/02/25 22:04	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		07/02/25 12:09	07/02/25 22:04	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		07/02/25 12:09	07/02/25 22:04	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		07/02/25 12:09	07/02/25 22:04	1
2,4,6-Trichlorophenol	3.0	U	3.0	0.86	ug/L		07/02/25 12:09	07/02/25 22:04	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		07/02/25 12:09	07/02/25 22:04	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		07/02/25 12:09	07/02/25 22:04	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1047575/1-A
Matrix: Water
Analysis Batch: 1047615

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1047575

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	40	U	40	11	ug/L		07/02/25 12:09	07/02/25 22:04	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		07/02/25 12:09	07/02/25 22:04	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		07/02/25 12:09	07/02/25 22:04	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		07/02/25 12:09	07/02/25 22:04	1
2-Chlorophenol	10	U	10	0.95	ug/L		07/02/25 12:09	07/02/25 22:04	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		07/02/25 12:09	07/02/25 22:04	1
2-Methylphenol	10	U	10	0.67	ug/L		07/02/25 12:09	07/02/25 22:04	1
2-Nitroaniline	10	U	10	1.2	ug/L		07/02/25 12:09	07/02/25 22:04	1
2-Nitrophenol	10	U	10	0.75	ug/L		07/02/25 12:09	07/02/25 22:04	1
3 & 4 Methylphenol	10	U	10	0.64	ug/L		07/02/25 12:09	07/02/25 22:04	1
3,3'-Dichlorobenzidine	5.2	U	5.2	1.4	ug/L		07/02/25 12:09	07/02/25 22:04	1
3-Nitroaniline	10	U	10	1.9	ug/L		07/02/25 12:09	07/02/25 22:04	1
4,6-Dinitro-2-methylphenol	20	U	20	8.6	ug/L		07/02/25 12:09	07/02/25 22:04	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		07/02/25 12:09	07/02/25 22:04	1
4-Chloro-3-methylphenol	10	U	10	1.3	ug/L		07/02/25 12:09	07/02/25 22:04	1
4-Chloroaniline	5.0	U	5.0	1.9	ug/L		07/02/25 12:09	07/02/25 22:04	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		07/02/25 12:09	07/02/25 22:04	1
4-Methylphenol	10	U	10	0.65	ug/L		07/02/25 12:09	07/02/25 22:04	1
4-Nitroaniline	10	U	10	1.2	ug/L		07/02/25 12:09	07/02/25 22:04	1
4-Nitrophenol	20	U	20	4.0	ug/L		07/02/25 12:09	07/02/25 22:04	1
Acenaphthene	10	U	10	1.1	ug/L		07/02/25 12:09	07/02/25 22:04	1
Acenaphthylene	10	U	10	0.82	ug/L		07/02/25 12:09	07/02/25 22:04	1
Acetophenone	10	U	10	2.3	ug/L		07/02/25 12:09	07/02/25 22:04	1
Anthracene	10	U	10	1.3	ug/L		07/02/25 12:09	07/02/25 22:04	1
Atrazine	2.0	U	2.0	1.3	ug/L		07/02/25 12:09	07/02/25 22:04	1
Benzaldehyde	10	U	10	2.1	ug/L		07/02/25 12:09	07/02/25 22:04	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		07/02/25 12:09	07/02/25 22:04	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		07/02/25 12:09	07/02/25 22:04	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		07/02/25 12:09	07/02/25 22:04	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		07/02/25 12:09	07/02/25 22:04	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		07/02/25 12:09	07/02/25 22:04	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		07/02/25 12:09	07/02/25 22:04	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		07/02/25 12:09	07/02/25 22:04	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		07/02/25 12:09	07/02/25 22:04	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		07/02/25 12:09	07/02/25 22:04	1
Caprolactam	10	U	10	2.2	ug/L		07/02/25 12:09	07/02/25 22:04	1
Carbazole	10	U	10	0.68	ug/L		07/02/25 12:09	07/02/25 22:04	1
Chrysene	2.0	U	2.0	0.91	ug/L		07/02/25 12:09	07/02/25 22:04	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		07/02/25 12:09	07/02/25 22:04	1
Dibenzofuran	10	U	10	1.1	ug/L		07/02/25 12:09	07/02/25 22:04	1
Diethyl phthalate	10	U	10	0.98	ug/L		07/02/25 12:09	07/02/25 22:04	1
Dimethyl phthalate	10	U	10	0.77	ug/L		07/02/25 12:09	07/02/25 22:04	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		07/02/25 12:09	07/02/25 22:04	1
Di-n-octyl phthalate	10	U	10	4.0	ug/L		07/02/25 12:09	07/02/25 22:04	1
Fluoranthene	10	U	10	0.84	ug/L		07/02/25 12:09	07/02/25 22:04	1
Fluorene	10	U	10	0.91	ug/L		07/02/25 12:09	07/02/25 22:04	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		07/02/25 12:09	07/02/25 22:04	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		07/02/25 12:09	07/02/25 22:04	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		07/02/25 12:09	07/02/25 22:04	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1047575/1-A
Matrix: Water
Analysis Batch: 1047615

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1047575

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	0.80	U	0.80	0.31	ug/L		07/02/25 12:09	07/02/25 22:04	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		07/02/25 12:09	07/02/25 22:04	1
Isophorone	10	U	10	0.80	ug/L		07/02/25 12:09	07/02/25 22:04	1
Naphthalene	2.0	U	2.0	0.54	ug/L		07/02/25 12:09	07/02/25 22:04	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		07/02/25 12:09	07/02/25 22:04	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		07/02/25 12:09	07/02/25 22:04	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		07/02/25 12:09	07/02/25 22:04	1
Pentachlorophenol	20	U	20	6.6	ug/L		07/02/25 12:09	07/02/25 22:04	1
Phenanthrene	10	U	10	1.3	ug/L		07/02/25 12:09	07/02/25 22:04	1
Phenol	10	U	10	0.29	ug/L		07/02/25 12:09	07/02/25 22:04	1
Pyrene	10	U	10	1.6	ug/L		07/02/25 12:09	07/02/25 22:04	1
1,4-Dioxane	10	U	10	1.6	ug/L		07/02/25 12:09	07/02/25 22:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*24 - 150*	*07/02/25 12:09*	*07/02/25 22:04*	*1*
2-Fluorobiphenyl	*71*		*38 - 139*	*07/02/25 12:09*	*07/02/25 22:04*	*1*
2-Fluorophenol (Surr)	*48*		*10 - 90*	*07/02/25 12:09*	*07/02/25 22:04*	*1*
Nitrobenzene-d5 (Surr)	*78*		*39 - 145*	*07/02/25 12:09*	*07/02/25 22:04*	*1*
Phenol-d5 (Surr)	*35*		*10 - 68*	*07/02/25 12:09*	*07/02/25 22:04*	*1*
Terphenyl-d14 (Surr)	*51*		*10 - 133*	*07/02/25 12:09*	*07/02/25 22:04*	*1*

Lab Sample ID: LCS 460-1047575/2-A
Matrix: Water
Analysis Batch: 1047615

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1047575

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	80.0	66.5		ug/L		83	56 - 123
1,2,4,5-Tetrachlorobenzene	80.0	66.6		ug/L		83	51 - 127
2,2'-oxybis[1-chloropropane]	80.0	68.9		ug/L		86	47 - 122
2,3,4,6-Tetrachlorophenol	80.0	65.4		ug/L		82	56 - 131
2,4,5-Trichlorophenol	80.0	65.3		ug/L		82	55 - 124
2,4,6-Trichlorophenol	80.0	65.9		ug/L		82	57 - 131
2,4-Dichlorophenol	80.0	65.6		ug/L		82	53 - 120
2,4-Dimethylphenol	80.0	63.7		ug/L		80	60 - 136
2,4-Dinitrophenol	160	137		ug/L		85	50 - 148
2,4-Dinitrotoluene	80.0	74.2		ug/L		93	62 - 142
2,6-Dinitrotoluene	80.0	68.3		ug/L		85	62 - 136
2-Chloronaphthalene	80.0	66.4		ug/L		83	54 - 129
2-Chlorophenol	80.0	63.4		ug/L		79	46 - 103
2-Methylnaphthalene	80.0	67.0		ug/L		84	45 - 110
2-Methylphenol	80.0	56.6		ug/L		71	39 - 95
2-Nitroaniline	80.0	67.3		ug/L		84	49 - 134
2-Nitrophenol	80.0	67.6		ug/L		84	54 - 124
3 & 4 Methylphenol	80.0	52.3		ug/L		65	44 - 89
3,3'-Dichlorobenzidine	80.0	55.5		ug/L		69	44 - 136
3-Nitroaniline	80.0	54.6		ug/L		68	33 - 120
4,6-Dinitro-2-methylphenol	160	144		ug/L		90	54 - 145
4-Bromophenyl phenyl ether	80.0	69.8		ug/L		87	59 - 132

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1047575/2-A
Matrix: Water
Analysis Batch: 1047615

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1047575

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chloro-3-methylphenol	80.0	63.6		ug/L		79	50 - 120
4-Chloroaniline	80.0	54.6		ug/L		68	26 - 120
4-Chlorophenyl phenyl ether	80.0	66.6		ug/L		83	61 - 127
4-Methylphenol	80.0	52.7		ug/L		66	33 - 89
4-Nitroaniline	80.0	68.1		ug/L		85	49 - 135
4-Nitrophenol	160	63.8		ug/L		40	10 - 78
Acenaphthene	80.0	66.1		ug/L		83	58 - 127
Acenaphthylene	80.0	66.0		ug/L		82	63 - 133
Acetophenone	80.0	69.6		ug/L		87	54 - 125
Anthracene	80.0	69.0		ug/L		86	59 - 127
Atrazine	40.0	76.5	*	ug/L		191	10 - 150
Benzaldehyde	40.0	64.8	*	ug/L		162	16 - 150
Benzo[a]anthracene	80.0	62.5		ug/L		78	58 - 131
Benzo[a]pyrene	80.0	71.7		ug/L		90	63 - 148
Benzo[b]fluoranthene	80.0	66.0		ug/L		83	60 - 140
Benzo[g,h,i]perylene	80.0	70.3		ug/L		88	52 - 150
Benzo[k]fluoranthene	80.0	69.7		ug/L		87	60 - 140
Bis(2-chloroethoxy)methane	80.0	70.3		ug/L		88	57 - 122
Bis(2-chloroethyl)ether	80.0	71.7		ug/L		90	55 - 125
Bis(2-ethylhexyl) phthalate	80.0	62.8		ug/L		78	57 - 144
Butyl benzyl phthalate	80.0	64.8		ug/L		81	55 - 141
Caprolactam	40.0	19.7		ug/L		49	10 - 66
Carbazole	80.0	71.2		ug/L		89	58 - 132
Chrysene	80.0	60.6		ug/L		76	57 - 132
Dibenz(a,h)anthracene	80.0	71.7		ug/L		90	53 - 150
Dibenzofuran	80.0	66.1		ug/L		83	59 - 125
Diethyl phthalate	80.0	67.9		ug/L		85	56 - 131
Dimethyl phthalate	80.0	67.2		ug/L		84	60 - 129
Di-n-butyl phthalate	80.0	73.2		ug/L		92	55 - 139
Di-n-octyl phthalate	80.0	70.7		ug/L		88	51 - 150
Fluoranthene	80.0	73.3		ug/L		92	59 - 137
Fluorene	80.0	66.1		ug/L		83	61 - 125
Hexachlorobenzene	80.0	67.7		ug/L		85	62 - 135
Hexachlorobutadiene	80.0	67.3		ug/L		84	16 - 147
Hexachlorocyclopentadiene	80.0	66.4		ug/L		83	27 - 150
Hexachloroethane	80.0	68.6		ug/L		86	10 - 138
Indeno[1,2,3-cd]pyrene	80.0	72.0		ug/L		90	54 - 150
Isophorone	80.0	69.6		ug/L		87	58 - 128
Naphthalene	80.0	69.2		ug/L		87	45 - 126
Nitrobenzene	80.0	71.0		ug/L		89	58 - 127
N-Nitrosodi-n-propylamine	80.0	75.1		ug/L		94	53 - 133
N-Nitrosodiphenylamine	80.0	68.1		ug/L		85	57 - 128
Pentachlorophenol	160	137		ug/L		86	54 - 140
Phenanthrene	80.0	68.3		ug/L		85	58 - 126
Phenol	80.0	33.6		ug/L		42	13 - 58
Pyrene	80.0	59.5		ug/L		74	53 - 137
1,4-Dioxane	80.0	41.0		ug/L		51	21 - 64

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1047575/2-A
Matrix: Water
Analysis Batch: 1047615

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1047575

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*76*		*24 - 150*
2-Fluorobiphenyl	*79*		*38 - 139*
2-Fluorophenol (Surr)	*53*		*10 - 90*
Nitrobenzene-d5 (Surr)	*82*		*39 - 145*
Phenol-d5 (Surr)	*37*		*10 - 68*
Terphenyl-d14 (Surr)	*63*		*10 - 133*

Lab Sample ID: LCSD 460-1047575/3-A
Matrix: Water
Analysis Batch: 1047615

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1047575

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			80.0	65.1		ug/L		81	56 - 123	2	30
1,2,4,5-Tetrachlorobenzene			80.0	65.4		ug/L		82	51 - 127	2	30
2,2'-oxybis[1-chloropropane]			80.0	68.2		ug/L		85	47 - 122	1	30
2,3,4,6-Tetrachlorophenol			80.0	65.5		ug/L		82	56 - 131	0	30
2,4,5-Trichlorophenol			80.0	64.0		ug/L		80	55 - 124	2	30
2,4,6-Trichlorophenol			80.0	67.1		ug/L		84	57 - 131	2	30
2,4-Dichlorophenol			80.0	66.0		ug/L		83	53 - 120	1	30
2,4-Dimethylphenol			80.0	64.0		ug/L		80	60 - 136	1	30
2,4-Dinitrophenol			160	135		ug/L		84	50 - 148	1	30
2,4-Dinitrotoluene			80.0	71.8		ug/L		90	62 - 142	3	30
2,6-Dinitrotoluene			80.0	68.7		ug/L		86	62 - 136	1	30
2-Chloronaphthalene			80.0	66.0		ug/L		83	54 - 129	1	30
2-Chlorophenol			80.0	63.1		ug/L		79	46 - 103	1	30
2-Methylnaphthalene			80.0	66.8		ug/L		83	45 - 110	0	30
2-Methylphenol			80.0	58.1		ug/L		73	39 - 95	2	30
2-Nitroaniline			80.0	66.3		ug/L		83	49 - 134	2	30
2-Nitrophenol			80.0	67.6		ug/L		84	54 - 124	0	30
3 & 4 Methylphenol			80.0	53.5		ug/L		67	44 - 89	2	30
3,3'-Dichlorobenzidine			80.0	57.5		ug/L		72	44 - 136	3	30
3-Nitroaniline			80.0	53.4		ug/L		67	33 - 120	2	30
4,6-Dinitro-2-methylphenol			160	141		ug/L		88	54 - 145	2	30
4-Bromophenyl phenyl ether			80.0	70.4		ug/L		88	59 - 132	1	30
4-Chloro-3-methylphenol			80.0	64.7		ug/L		81	50 - 120	2	30
4-Chloroaniline			80.0	53.4		ug/L		67	26 - 120	2	30
4-Chlorophenyl phenyl ether			80.0	66.0		ug/L		83	61 - 127	1	30
4-Methylphenol			80.0	54.4		ug/L		68	33 - 89	3	30
4-Nitroaniline			80.0	66.2		ug/L		83	49 - 135	3	30
4-Nitrophenol			160	62.5		ug/L		39	10 - 78	2	30
Acenaphthene			80.0	65.3		ug/L		82	58 - 127	1	30
Acenaphthylene			80.0	66.4		ug/L		83	63 - 133	1	30
Acetophenone			80.0	70.6		ug/L		88	54 - 125	1	30
Anthracene			80.0	68.4		ug/L		86	59 - 127	1	30
Atrazine			40.0	74.7	*	ug/L		187	10 - 150	2	30
Benzaldehyde			40.0	64.6	*	ug/L		161	16 - 150	0	30
Benzo[a]anthracene			80.0	64.1		ug/L		80	58 - 131	3	30
Benzo[a]pyrene			80.0	71.3		ug/L		89	63 - 148	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1047575/3-A
Matrix: Water
Analysis Batch: 1047615

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1047575

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[b]fluoranthene			80.0	66.8		ug/L		84	60 - 140	1	30
Benzo[g,h,i]perylene			80.0	68.3		ug/L		85	52 - 150	3	30
Benzo[k]fluoranthene			80.0	69.9		ug/L		87	60 - 140	0	30
Bis(2-chloroethoxy)methane			80.0	69.2		ug/L		86	57 - 122	2	30
Bis(2-chloroethyl)ether			80.0	71.1		ug/L		89	55 - 125	1	30
Bis(2-ethylhexyl) phthalate			80.0	63.9		ug/L		80	57 - 144	2	30
Butyl benzyl phthalate			80.0	65.3		ug/L		82	55 - 141	1	30
Caprolactam			40.0	19.7		ug/L		49	10 - 66	0	30
Carbazole			80.0	69.7		ug/L		87	58 - 132	2	30
Chrysene			80.0	61.7		ug/L		77	57 - 132	2	30
Dibenz(a,h)anthracene			80.0	69.1		ug/L		86	53 - 150	4	30
Dibenzofuran			80.0	66.3		ug/L		83	59 - 125	0	30
Diethyl phthalate			80.0	66.6		ug/L		83	56 - 131	2	30
Dimethyl phthalate			80.0	66.4		ug/L		83	60 - 129	1	30
Di-n-butyl phthalate			80.0	72.0		ug/L		90	55 - 139	2	30
Di-n-octyl phthalate			80.0	69.8		ug/L		87	51 - 150	1	30
Fluoranthene			80.0	71.7		ug/L		90	59 - 137	2	30
Fluorene			80.0	65.4		ug/L		82	61 - 125	1	30
Hexachlorobenzene			80.0	67.6		ug/L		84	62 - 135	0	30
Hexachlorobutadiene			80.0	66.8		ug/L		84	16 - 147	1	30
Hexachlorocyclopentadiene			80.0	64.5		ug/L		81	27 - 150	3	30
Hexachloroethane			80.0	68.1		ug/L		85	10 - 138	1	30
Indeno[1,2,3-cd]pyrene			80.0	70.7		ug/L		88	54 - 150	2	30
Isophorone			80.0	70.2		ug/L		88	58 - 128	1	30
Naphthalene			80.0	68.3		ug/L		85	45 - 126	1	30
Nitrobenzene			80.0	71.0		ug/L		89	58 - 127	0	30
N-Nitrosodi-n-propylamine			80.0	75.2		ug/L		94	53 - 133	0	30
N-Nitrosodiphenylamine			80.0	69.0		ug/L		86	57 - 128	1	30
Pentachlorophenol			160	138		ug/L		86	54 - 140	0	30
Phenanthrene			80.0	68.0		ug/L		85	58 - 126	0	30
Phenol			80.0	34.0		ug/L		43	13 - 58	1	30
Pyrene			80.0	60.3		ug/L		75	53 - 137	1	30
1,4-Dioxane			80.0	39.3		ug/L		49	21 - 64	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*77*		*24 - 150*
2-Fluorobiphenyl	*79*		*38 - 139*
2-Fluorophenol (Surr)	*54*		*10 - 90*
Nitrobenzene-d5 (Surr)	*82*		*39 - 145*
Phenol-d5 (Surr)	*39*		*10 - 68*
Terphenyl-d14 (Surr)	*63*		*10 - 133*

Lab Sample ID: 460-329667-E-4-B MS
Matrix: Water
Analysis Batch: 1047615

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1047575

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	5.0	U	40.0	33.6		ug/L		84	56 - 123

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-329667-E-4-B MS
Matrix: Water
Analysis Batch: 1047615

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1047575

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4,5-Tetrachlorobenzene	10	U	40.0	32.8		ug/L		82	51 - 127
2,2'-oxybis[1-chloropropane]	10	U	40.0	35.9		ug/L		90	47 - 122
2,3,4,6-Tetrachlorophenol	10	U	40.0	32.5		ug/L		81	56 - 131
2,4,5-Trichlorophenol	10	U	40.0	32.2		ug/L		80	55 - 124
2,4,6-Trichlorophenol	3.0	U	40.0	33.6		ug/L		84	57 - 131
2,4-Dichlorophenol	10	U	40.0	32.8		ug/L		82	53 - 120
2,4-Dimethylphenol	10	U	40.0	30.0		ug/L		75	60 - 136
2,4-Dinitrophenol	40	U	80.0	66.1		ug/L		83	50 - 148
2,4-Dinitrotoluene	10	U	40.0	38.8		ug/L		97	62 - 142
2,6-Dinitrotoluene	2.0	U	40.0	36.9		ug/L		92	62 - 136
2-Chloronaphthalene	10	U	40.0	33.2		ug/L		83	54 - 129
2-Chlorophenol	10	U	40.0	29.8		ug/L		75	46 - 103
2-Methylnaphthalene	10	U	40.0	34.4		ug/L		86	45 - 110
2-Methylphenol	10	U	40.0	24.9		ug/L		62	39 - 95
2-Nitroaniline	10	U	40.0	33.3		ug/L		83	49 - 134
2-Nitrophenol	10	U	40.0	33.5		ug/L		84	54 - 124
3 & 4 Methylphenol	10	U	40.0	22.4		ug/L		56	44 - 89
3,3'-Dichlorobenzidine	5.2	U	40.0	24.2		ug/L		60	44 - 136
3-Nitroaniline	10	U	40.0	23.3		ug/L		58	33 - 120
4,6-Dinitro-2-methylphenol	20	U	80.0	68.0		ug/L		85	54 - 145
4-Bromophenyl phenyl ether	10	U	40.0	35.7		ug/L		89	59 - 132
4-Chloro-3-methylphenol	10	U	40.0	29.7		ug/L		74	50 - 120
4-Chloroaniline	5.0	U	40.0	23.7		ug/L		59	26 - 120
4-Chlorophenyl phenyl ether	10	U	40.0	34.1		ug/L		85	61 - 127
4-Methylphenol	10	U	40.0	22.4		ug/L		56	33 - 89
4-Nitroaniline	10	U	40.0	32.2		ug/L		80	49 - 135
4-Nitrophenol	20	U	80.0	19.6	J	ug/L		25	10 - 78
Acenaphthene	10	U	40.0	33.6		ug/L		84	58 - 127
Acenaphthylene	10	U	40.0	33.7		ug/L		84	63 - 133
Acetophenone	10	U	40.0	36.8		ug/L		92	54 - 125
Anthracene	10	U	40.0	34.9		ug/L		87	59 - 127
Atrazine	2.0	U *	40.0	56.4	E	ug/L		141	10 - 150
Benzaldehyde	10	U *	40.0	52.8	E	ug/L		132	16 - 150
Benzo[a]anthracene	1.0	U	40.0	31.9		ug/L		80	58 - 131
Benzo[a]pyrene	1.0	U	40.0	36.1		ug/L		90	63 - 148
Benzo[b]fluoranthene	2.0	U	40.0	33.3		ug/L		83	60 - 140
Benzo[g,h,i]perylene	10	U	40.0	35.4		ug/L		89	52 - 150
Benzo[k]fluoranthene	1.0	U	40.0	35.0		ug/L		87	60 - 140
Bis(2-chloroethoxy)methane	10	U	40.0	36.5		ug/L		91	57 - 122
Bis(2-chloroethyl)ether	1.0	U	40.0	36.9		ug/L		92	55 - 125
Bis(2-ethylhexyl) phthalate	2.0	U	40.0	32.2		ug/L		80	57 - 144
Butyl benzyl phthalate	10	U	40.0	32.3		ug/L		81	55 - 141
Caprolactam	10	U	40.0	9.43	J	ug/L		24	10 - 66
Carbazole	10	U	40.0	35.9		ug/L		90	58 - 132
Chrysene	2.0	U	40.0	31.1		ug/L		78	57 - 132
Dibenz(a,h)anthracene	1.0	U	40.0	34.5		ug/L		86	53 - 150
Dibenzofuran	10	U	40.0	34.1		ug/L		85	59 - 125
Diethyl phthalate	10	U	40.0	35.9		ug/L		90	56 - 131
Dimethyl phthalate	10	U	40.0	35.7		ug/L		89	60 - 129

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-329667-E-4-B MS
Matrix: Water
Analysis Batch: 1047615

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1047575

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Di-n-butyl phthalate	10	U	40.0	36.3		ug/L		91	55 - 139
Di-n-octyl phthalate	10	U	40.0	34.6		ug/L		87	51 - 150
Fluoranthene	10	U	40.0	35.4		ug/L		88	59 - 137
Fluorene	10	U	40.0	34.3		ug/L		86	61 - 125
Hexachlorobenzene	1.0	U	40.0	34.6		ug/L		87	62 - 135
Hexachlorobutadiene	1.0	U	40.0	34.3		ug/L		86	16 - 147
Hexachlorocyclopentadiene	10	U	40.0	31.6		ug/L		79	27 - 150
Hexachloroethane	0.80	U	40.0	33.2		ug/L		83	10 - 138
Indeno[1,2,3-cd]pyrene	2.0	U	40.0	35.2		ug/L		88	54 - 150
Isophorone	10	U	40.0	36.4		ug/L		91	58 - 128
Naphthalene	2.0	U	40.0	34.9		ug/L		87	45 - 126
Nitrobenzene	1.0	U	40.0	37.0		ug/L		93	58 - 127
N-Nitrosodi-n-propylamine	1.0	U	40.0	39.7		ug/L		99	53 - 133
N-Nitrosodiphenylamine	10	U	40.0	35.3		ug/L		88	57 - 128
Pentachlorophenol	20	U	80.0	65.4		ug/L		82	54 - 140
Phenanthrene	10	U	40.0	34.6		ug/L		86	58 - 126
Phenol	10	U	40.0	11.9		ug/L		30	13 - 58
Pyrene	10	U	40.0	30.5		ug/L		76	53 - 137
1,4-Dioxane	10	U	40.0	14.1		ug/L		35	21 - 64

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*68*		*24 - 150*
2-Fluorobiphenyl	*72*		*38 - 139*
2-Fluorophenol (Surr)	*35*		*10 - 90*
Nitrobenzene-d5 (Surr)	*73*		*39 - 145*
Phenol-d5 (Surr)	*22*		*10 - 68*
Terphenyl-d14 (Surr)	*43*		*10 - 133*

Lab Sample ID: 460-329667-E-4-C MSD
Matrix: Water
Analysis Batch: 1047615

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1047575

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	5.0	U	40.0	40.2		ug/L		100	56 - 123	18	30
1,2,4,5-Tetrachlorobenzene	10	U	40.0	39.4		ug/L		98	51 - 127	18	30
2,2'-oxybis[1-chloropropane]	10	U	40.0	41.3		ug/L		103	47 - 122	14	30
2,3,4,6-Tetrachlorophenol	10	U	40.0	38.3		ug/L		96	56 - 131	16	30
2,4,5-Trichlorophenol	10	U	40.0	38.1		ug/L		95	55 - 124	17	30
2,4,6-Trichlorophenol	3.0	U	40.0	39.1		ug/L		98	57 - 131	15	30
2,4-Dichlorophenol	10	U	40.0	38.2		ug/L		96	53 - 120	15	30
2,4-Dimethylphenol	10	U	40.0	36.2		ug/L		90	60 - 136	19	30
2,4-Dinitrophenol	40	U	80.0	79.9		ug/L		100	50 - 148	19	30
2,4-Dinitrotoluene	10	U	40.0	44.4		ug/L		111	62 - 142	13	30
2,6-Dinitrotoluene	2.0	U	40.0	41.3		ug/L		103	62 - 136	11	30
2-Chloronaphthalene	10	U	40.0	40.0		ug/L		100	54 - 129	19	30
2-Chlorophenol	10	U	40.0	35.7		ug/L		89	46 - 103	18	30
2-Methylnaphthalene	10	U	40.0	40.0		ug/L		100	45 - 110	15	30
2-Methylphenol	10	U	40.0	31.1		ug/L		78	39 - 95	22	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-329667-E-4-C MSD
Matrix: Water
Analysis Batch: 1047615

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1047575

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Nitroaniline	10	U	40.0	40.9		ug/L		102	49 - 134	20	30
2-Nitrophenol	10	U	40.0	39.1		ug/L		98	54 - 124	15	30
3 & 4 Methylphenol	10	U	40.0	27.9		ug/L		70	44 - 89	22	30
3,3'-Dichlorobenzidine	5.2	U	40.0	29.9		ug/L		75	44 - 136	21	30
3-Nitroaniline	10	U	40.0	29.4		ug/L		73	33 - 120	23	30
4,6-Dinitro-2-methylphenol	20	U	80.0	83.6		ug/L		104	54 - 145	21	30
4-Bromophenyl phenyl ether	10	U	40.0	41.5		ug/L		104	59 - 132	15	30
4-Chloro-3-methylphenol	10	U	40.0	35.7		ug/L		89	50 - 120	18	30
4-Chloroaniline	5.0	U	40.0	26.9		ug/L		67	26 - 120	13	30
4-Chlorophenyl phenyl ether	10	U	40.0	39.7		ug/L		99	61 - 127	15	30
4-Methylphenol	10	U	40.0	27.9		ug/L		70	33 - 89	22	30
4-Nitroaniline	10	U	40.0	38.9		ug/L		97	49 - 135	19	30
4-Nitrophenol	20	U	80.0	28.6	*	ug/L		36	10 - 78	37	30
Acenaphthene	10	U	40.0	40.0		ug/L		100	58 - 127	17	30
Acenaphthylene	10	U	40.0	40.2		ug/L		101	63 - 133	18	30
Acetophenone	10	U	40.0	43.1		ug/L		108	54 - 125	16	30
Anthracene	10	U	40.0	41.4		ug/L		104	59 - 127	17	30
Atrazine	2.0	U *	40.0	66.2	E *	ug/L		166	10 - 150	16	30
Benzaldehyde	10	U *	40.0	59.1	E	ug/L		148	16 - 150	11	30
Benzo[a]anthracene	1.0	U	40.0	38.1		ug/L		95	58 - 131	18	30
Benzo[a]pyrene	1.0	U	40.0	42.4		ug/L		106	63 - 148	16	30
Benzo[b]fluoranthene	2.0	U	40.0	39.9		ug/L		100	60 - 140	18	30
Benzo[g,h,i]perylene	10	U	40.0	41.1		ug/L		103	52 - 150	15	30
Benzo[k]fluoranthene	1.0	U	40.0	41.2		ug/L		103	60 - 140	16	30
Bis(2-chloroethoxy)methane	10	U	40.0	41.9		ug/L		105	57 - 122	14	30
Bis(2-chloroethyl)ether	1.0	U	40.0	43.0		ug/L		108	55 - 125	15	30
Bis(2-ethylhexyl) phthalate	2.0	U	40.0	39.5		ug/L		99	57 - 144	20	30
Butyl benzyl phthalate	10	U	40.0	40.0		ug/L		100	55 - 141	21	30
Caprolactam	10	U	40.0	13.9	*	ug/L		35	10 - 66	38	30
Carbazole	10	U	40.0	43.4		ug/L		108	58 - 132	19	30
Chrysene	2.0	U	40.0	37.2		ug/L		93	57 - 132	18	30
Dibenz(a,h)anthracene	1.0	U	40.0	41.5		ug/L		104	53 - 150	18	30
Dibenzofuran	10	U	40.0	40.3		ug/L		101	59 - 125	17	30
Diethyl phthalate	10	U	40.0	41.1		ug/L		103	56 - 131	13	30
Dimethyl phthalate	10	U	40.0	41.0		ug/L		103	60 - 129	14	30
Di-n-butyl phthalate	10	U	40.0	44.5		ug/L		111	55 - 139	20	30
Di-n-octyl phthalate	10	U	40.0	41.3		ug/L		103	51 - 150	18	30
Fluoranthene	10	U	40.0	43.4		ug/L		108	59 - 137	20	30
Fluorene	10	U	40.0	40.2		ug/L		100	61 - 125	16	30
Hexachlorobenzene	1.0	U	40.0	40.6		ug/L		101	62 - 135	16	30
Hexachlorobutadiene	1.0	U	40.0	40.1		ug/L		100	16 - 147	16	30
Hexachlorocyclopentadiene	10	U	40.0	38.1		ug/L		95	27 - 150	19	30
Hexachloroethane	0.80	U	40.0	40.8		ug/L		102	10 - 138	20	30
Indeno[1,2,3-cd]pyrene	2.0	U	40.0	41.7		ug/L		104	54 - 150	17	30
Isophorone	10	U	40.0	42.0		ug/L		105	58 - 128	14	30
Naphthalene	2.0	U	40.0	41.1		ug/L		103	45 - 126	16	30
Nitrobenzene	1.0	U	40.0	43.6		ug/L		109	58 - 127	16	30
N-Nitrosodi-n-propylamine	1.0	U	40.0	45.7		ug/L		114	53 - 133	14	30
N-Nitrosodiphenylamine	10	U	40.0	40.9		ug/L		102	57 - 128	15	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-329667-E-4-C MSD
Matrix: Water
Analysis Batch: 1047615

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1047575

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pentachlorophenol	20	U	80.0	81.7		ug/L		102	54 - 140	22	30
Phenanthrene	10	U	40.0	41.4		ug/L		104	58 - 126	18	30
Phenol	10	U	40.0	16.3	*	ug/L		41	13 - 58	32	30
Pyrene	10	U	40.0	36.4		ug/L		91	53 - 137	18	30
1,4-Dioxane	10	U	40.0	21.0	*	ug/L		53	21 - 64	39	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*71*		*24 - 150*
2-Fluorobiphenyl	*76*		*38 - 139*
2-Fluorophenol (Surr)	*43*		*10 - 90*
Nitrobenzene-d5 (Surr)	*77*		*39 - 145*
Phenol-d5 (Surr)	*28*		*10 - 68*
Terphenyl-d14 (Surr)	*49*		*10 - 133*

Lab Sample ID: 460-329729-1 MS
Matrix: Water
Analysis Batch: 1047801

Client Sample ID: RXMW-02
Prep Type: Total/NA
Prep Batch: 1047575

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	5.0	U	40.0	40.9		ug/L		102	56 - 123
1,2,4,5-Tetrachlorobenzene	10	U	40.0	39.8		ug/L		100	51 - 127
2,2'-oxybis[1-chloropropane]	10	U	40.0	42.7		ug/L		107	47 - 122
2,3,4,6-Tetrachlorophenol	10	U	40.0	40.7		ug/L		102	56 - 131
2,4,5-Trichlorophenol	10	U	40.0	40.6		ug/L		102	55 - 124
2,4,6-Trichlorophenol	3.0	U	40.0	42.1		ug/L		105	57 - 131
2,4-Dichlorophenol	10	U	40.0	40.5		ug/L		101	53 - 120
2,4-Dimethylphenol	10	U	40.0	38.2		ug/L		96	60 - 136
2,4-Dinitrophenol	40	U	80.0	83.6		ug/L		105	50 - 148
2,4-Dinitrotoluene	10	U	40.0	46.6		ug/L		116	62 - 142
2,6-Dinitrotoluene	2.0	U	40.0	43.3		ug/L		108	62 - 136
2-Chloronaphthalene	10	U	40.0	40.6		ug/L		101	54 - 129
2-Chlorophenol	10	U	40.0	37.0		ug/L		93	46 - 103
2-Methylnaphthalene	10	U	40.0	41.6		ug/L		104	45 - 110
2-Methylphenol	10	U	40.0	32.3		ug/L		81	39 - 95
2-Nitroaniline	10	U	40.0	40.2		ug/L		100	49 - 134
2-Nitrophenol	10	U	40.0	41.4		ug/L		104	54 - 124
3 & 4 Methylphenol	10	U	40.0	29.8		ug/L		74	44 - 89
3,3'-Dichlorobenzidine	5.2	U	40.0	16.0	*	ug/L		40	44 - 136
3-Nitroaniline	10	U	40.0	23.5		ug/L		59	33 - 120
4,6-Dinitro-2-methylphenol	20	U	80.0	88.5		ug/L		111	54 - 145
4-Bromophenyl phenyl ether	10	U	40.0	40.7		ug/L		102	59 - 132
4-Chloro-3-methylphenol	10	U	40.0	38.7		ug/L		97	50 - 120
4-Chloroaniline	5.0	U	40.0	19.7		ug/L		49	26 - 120
4-Chlorophenyl phenyl ether	10	U	40.0	39.4		ug/L		99	61 - 127
4-Methylphenol	10	U	40.0	30.1		ug/L		75	33 - 89
4-Nitroaniline	10	U	40.0	37.3		ug/L		93	49 - 135
4-Nitrophenol	20	U	80.0	37.8		ug/L		47	10 - 78
Acenaphthene	2.8	J	40.0	42.8		ug/L		100	58 - 127

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-329729-1 MS
Client Sample ID: RXMW-02
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1047801
Prep Batch: 1047575

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthylene	10	U	40.0	41.1		ug/L		103	63 - 133
Acetophenone	10	U	40.0	43.8		ug/L		109	54 - 125
Anthracene	10	U	40.0	39.3		ug/L		98	59 - 127
Atrazine	2.0	U *	40.0	68.7	E *	ug/L		172	10 - 150
Benzaldehyde	10	U *	40.0	68.0	E *	ug/L		170	16 - 150
Benzo[a]anthracene	1.0	U	40.0	35.7		ug/L		89	58 - 131
Benzo[a]pyrene	1.0	U	40.0	39.4		ug/L		98	63 - 148
Benzo[b]fluoranthene	2.0	U	40.0	36.7		ug/L		92	60 - 140
Benzo[g,h,i]perylene	10	U	40.0	40.5		ug/L		101	52 - 150
Benzo[k]fluoranthene	1.0	U	40.0	37.9		ug/L		95	60 - 140
Bis(2-chloroethoxy)methane	10	U	40.0	43.7		ug/L		109	57 - 122
Bis(2-chloroethyl)ether	1.0	U	40.0	43.5		ug/L		109	55 - 125
Bis(2-ethylhexyl) phthalate	2.0	U	40.0	38.0		ug/L		95	57 - 144
Butyl benzyl phthalate	10	U	40.0	39.5		ug/L		99	55 - 141
Caprolactam	10	U	40.0	15.4		ug/L		38	10 - 66
Carbazole	10	U	40.0	42.9		ug/L		107	58 - 132
Chrysene	2.0	U	40.0	34.2		ug/L		86	57 - 132
Dibenz(a,h)anthracene	1.0	U	40.0	39.4		ug/L		98	53 - 150
Dibenzofuran	10	U	40.0	40.2		ug/L		100	59 - 125
Diethyl phthalate	10	U	40.0	41.8		ug/L		105	56 - 131
Dimethyl phthalate	10	U	40.0	42.6		ug/L		107	60 - 129
Di-n-butyl phthalate	10	U	40.0	43.8		ug/L		110	55 - 139
Di-n-octyl phthalate	10	U	40.0	40.7		ug/L		102	51 - 150
Fluoranthene	10	U	40.0	39.9		ug/L		100	59 - 137
Fluorene	10	U	40.0	40.4		ug/L		101	61 - 125
Hexachlorobenzene	1.0	U	40.0	38.2		ug/L		95	62 - 135
Hexachlorobutadiene	1.0	U	40.0	39.6		ug/L		99	16 - 147
Hexachlorocyclopentadiene	10	U	40.0	35.7		ug/L		89	27 - 150
Hexachloroethane	0.80	U	40.0	41.7		ug/L		104	10 - 138
Indeno[1,2,3-cd]pyrene	2.0	U	40.0	41.8		ug/L		104	54 - 150
Isophorone	10	U	40.0	44.0		ug/L		110	58 - 128
Naphthalene	2.0	U	40.0	42.2		ug/L		106	45 - 126
Nitrobenzene	1.0	U	40.0	43.4		ug/L		108	58 - 127
N-Nitrosodi-n-propylamine	1.0	U	40.0	46.6		ug/L		117	53 - 133
N-Nitrosodiphenylamine	10	U	40.0	42.8		ug/L		107	57 - 128
Pentachlorophenol	20	U	80.0	82.3		ug/L		103	54 - 140
Phenanthrene	10	U	40.0	40.1		ug/L		100	58 - 126
Phenol	10	U	40.0	16.2		ug/L		41	13 - 58
Pyrene	10	U	40.0	34.2		ug/L		86	53 - 137
1,4-Dioxane	10	U	40.0	20.2		ug/L		50	21 - 64

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*70*		*24 - 150*
2-Fluorobiphenyl	*72*		*38 - 139*
2-Fluorophenol (Surr)	*42*		*10 - 90*
Nitrobenzene-d5 (Surr)	*75*		*39 - 145*
Phenol-d5 (Surr)	*27*		*10 - 68*
Terphenyl-d14 (Surr)	*37*		*10 - 133*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-329729-1 MSD
Client Sample ID: RXMW-02
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1047801
Prep Batch: 1047575

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	5.0	U	40.0	33.5		ug/L		84	56 - 123	20	30
1,2,4,5-Tetrachlorobenzene	10	U	40.0	32.4		ug/L		81	51 - 127	21	30
2,2'-oxybis[1-chloropropane]	10	U	40.0	36.6		ug/L		92	47 - 122	15	30
2,3,4,6-Tetrachlorophenol	10	U	40.0	33.9		ug/L		85	56 - 131	18	30
2,4,5-Trichlorophenol	10	U	40.0	32.9		ug/L		82	55 - 124	21	30
2,4,6-Trichlorophenol	3.0	U	40.0	33.8		ug/L		85	57 - 131	22	30
2,4-Dichlorophenol	10	U	40.0	34.1		ug/L		85	53 - 120	17	30
2,4-Dimethylphenol	10	U	40.0	32.0		ug/L		80	60 - 136	18	30
2,4-Dinitrophenol	40	U	80.0	67.3		ug/L		84	50 - 148	22	30
2,4-Dinitrotoluene	10	U	40.0	39.0		ug/L		97	62 - 142	18	30
2,6-Dinitrotoluene	2.0	U	40.0	37.5		ug/L		94	62 - 136	15	30
2-Chloronaphthalene	10	U	40.0	33.2		ug/L		83	54 - 129	20	30
2-Chlorophenol	10	U	40.0	30.8		ug/L		77	46 - 103	18	30
2-Methylnaphthalene	10	U	40.0	35.7		ug/L		89	45 - 110	15	30
2-Methylphenol	10	U	40.0	27.1		ug/L		68	39 - 95	17	30
2-Nitroaniline	10	U	40.0	35.1		ug/L		88	49 - 134	14	30
2-Nitrophenol	10	U	40.0	35.1		ug/L		88	54 - 124	17	30
3 & 4 Methylphenol	10	U	40.0	23.9		ug/L		60	44 - 89	22	30
3,3'-Dichlorobenzidine	5.2	U	40.0	13.9	*	ug/L		35	44 - 136	14	30
3-Nitroaniline	10	U	40.0	21.2		ug/L		53	33 - 120	10	30
4,6-Dinitro-2-methylphenol	20	U	80.0	71.4		ug/L		89	54 - 145	21	30
4-Bromophenyl phenyl ether	10	U	40.0	34.1		ug/L		85	59 - 132	18	30
4-Chloro-3-methylphenol	10	U	40.0	33.1		ug/L		83	50 - 120	16	30
4-Chloroaniline	5.0	U	40.0	20.4		ug/L		51	26 - 120	4	30
4-Chlorophenyl phenyl ether	10	U	40.0	33.3		ug/L		83	61 - 127	17	30
4-Methylphenol	10	U	40.0	24.0		ug/L		60	33 - 89	23	30
4-Nitroaniline	10	U	40.0	33.2		ug/L		83	49 - 135	12	30
4-Nitrophenol	20	U	80.0	28.5		ug/L		36	10 - 78	28	30
Acenaphthene	2.8	J	40.0	36.2		ug/L		84	58 - 127	16	30
Acenaphthylene	10	U	40.0	34.2		ug/L		86	63 - 133	18	30
Acetophenone	10	U	40.0	37.5		ug/L		94	54 - 125	16	30
Anthracene	10	U	40.0	33.5		ug/L		84	59 - 127	16	30
Atrazine	2.0	U *	40.0	72.4	E *	ug/L		181	10 - 150	5	30
Benzaldehyde	10	U *	40.0	71.9	E *	ug/L		180	16 - 150	6	30
Benzo[a]anthracene	1.0	U	40.0	30.2		ug/L		75	58 - 131	17	30
Benzo[a]pyrene	1.0	U	40.0	33.3		ug/L		83	63 - 148	17	30
Benzo[b]fluoranthene	2.0	U	40.0	31.4		ug/L		78	60 - 140	16	30
Benzo[g,h,i]perylene	10	U	40.0	34.1		ug/L		85	52 - 150	17	30
Benzo[k]fluoranthene	1.0	U	40.0	31.4		ug/L		78	60 - 140	19	30
Bis(2-chloroethoxy)methane	10	U	40.0	37.0		ug/L		93	57 - 122	16	30
Bis(2-chloroethyl)ether	1.0	U	40.0	37.3		ug/L		93	55 - 125	15	30
Bis(2-ethylhexyl) phthalate	2.0	U	40.0	32.0		ug/L		80	57 - 144	17	30
Butyl benzyl phthalate	10	U	40.0	33.2		ug/L		83	55 - 141	17	30
Caprolactam	10	U	40.0	14.1		ug/L		35	10 - 66	9	30
Carbazole	10	U	40.0	35.5		ug/L		89	58 - 132	19	30
Chrysene	2.0	U	40.0	28.6		ug/L		71	57 - 132	18	30
Dibenz(a,h)anthracene	1.0	U	40.0	33.5		ug/L		84	53 - 150	16	30
Dibenzofuran	10	U	40.0	33.9		ug/L		85	59 - 125	17	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-329729-1 MSD
Matrix: Water
Analysis Batch: 1047801

Client Sample ID: RXMW-02
Prep Type: Total/NA
Prep Batch: 1047575

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diethyl phthalate	10	U	40.0	36.2		ug/L		90	56 - 131	14	30
Dimethyl phthalate	10	U	40.0	35.6		ug/L		89	60 - 129	18	30
Di-n-butyl phthalate	10	U	40.0	36.6		ug/L		91	55 - 139	18	30
Di-n-octyl phthalate	10	U	40.0	34.5		ug/L		86	51 - 150	16	30
Fluoranthene	10	U	40.0	34.0		ug/L		85	59 - 137	16	30
Fluorene	10	U	40.0	33.9		ug/L		85	61 - 125	18	30
Hexachlorobenzene	1.0	U	40.0	33.4		ug/L		84	62 - 135	13	30
Hexachlorobutadiene	1.0	U	40.0	33.8		ug/L		84	16 - 147	16	30
Hexachlorocyclopentadiene	10	U	40.0	28.1		ug/L		70	27 - 150	24	30
Hexachloroethane	0.80	U	40.0	34.6		ug/L		87	10 - 138	18	30
Indeno[1,2,3-cd]pyrene	2.0	U	40.0	34.4		ug/L		86	54 - 150	19	30
Isophorone	10	U	40.0	37.7		ug/L		94	58 - 128	15	30
Naphthalene	2.0	U	40.0	35.8		ug/L		89	45 - 126	17	30
Nitrobenzene	1.0	U	40.0	38.4		ug/L		96	58 - 127	12	30
N-Nitrosodi-n-propylamine	1.0	U	40.0	40.2		ug/L		101	53 - 133	15	30
N-Nitrosodiphenylamine	10	U	40.0	35.9		ug/L		90	57 - 128	17	30
Pentachlorophenol	20	U	80.0	67.4		ug/L		84	54 - 140	20	30
Phenanthrene	10	U	40.0	34.4		ug/L		86	58 - 126	15	30
Phenol	10	U	40.0	12.6		ug/L		32	13 - 58	25	30
Pyrene	10	U	40.0	29.8		ug/L		75	53 - 137	14	30
1,4-Dioxane	10	U	40.0	15.9		ug/L		40	21 - 64	24	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*65*		*24 - 150*
2-Fluorobiphenyl	*66*		*38 - 139*
2-Fluorophenol (Surr)	*36*		*10 - 90*
Nitrobenzene-d5 (Surr)	*71*		*39 - 145*
Phenol-d5 (Surr)	*22*		*10 - 68*
Terphenyl-d14 (Surr)	*37*		*10 - 133*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 460-1047574/1-A
Matrix: Water
Analysis Batch: 1047645

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1047574

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.20	U	0.20	0.072	ug/L		07/02/25 12:05	07/02/25 21:04	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*62*		*10 - 150*	*07/02/25 12:05*	*07/02/25 21:04*	*1*

Lab Sample ID: LCS 460-1047574/2-A
Matrix: Water
Analysis Batch: 1047645

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1047574

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			1.60	1.48		ug/L		93	49 - 142		

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
1,4-Dioxane-d8	53		10 - 150

Lab Sample ID: LCSD 460-1047574/3-A
Matrix: Water
Analysis Batch: 1047645

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1047574

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			1.60	1.51		ug/L		95	49 - 142	2	20

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Dioxane-d8	51		10 - 150

Lab Sample ID: 460-329729-1 MS
Matrix: Water
Analysis Batch: 1047645

Client Sample ID: RXMW-02
Prep Type: Total/NA
Prep Batch: 1047574

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane	0.56		1.60	1.54		ug/L		61	49 - 142		

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
1,4-Dioxane-d8	75		10 - 150

Lab Sample ID: 460-329729-1 MSD
Matrix: Water
Analysis Batch: 1047645

Client Sample ID: RXMW-02
Prep Type: Total/NA
Prep Batch: 1047574

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	0.56		1.60	2.09	*	ug/L		96	49 - 142	31	20

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
1,4-Dioxane-d8	41		10 - 150

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1047555/1-A
Matrix: Water
Analysis Batch: 1047695

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1047555

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		07/02/25 10:49	07/03/25 04:03	1
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		07/02/25 10:49	07/03/25 04:03	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 04:03	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 04:03	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 04:03	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 04:03	1
Aldrin	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 04:03	1
Aldrin	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 04:03	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		07/02/25 10:49	07/03/25 04:03	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		07/02/25 10:49	07/03/25 04:03	1
beta-BHC	0.020	U	0.020	0.015	ug/L		07/02/25 10:49	07/03/25 04:03	1
beta-BHC	0.020	U	0.020	0.015	ug/L		07/02/25 10:49	07/03/25 04:03	1
Chlordane (technical)	0.20	U	0.20	0.055	ug/L		07/02/25 10:49	07/03/25 04:03	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1047555/1-A
Matrix: Water
Analysis Batch: 1047695

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1047555

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.20	U	0.20	0.055	ug/L		07/02/25 10:49	07/03/25 04:03	1
cis-Chlordane	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 04:03	1
cis-Chlordane	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 04:03	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		07/02/25 10:49	07/03/25 04:03	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		07/02/25 10:49	07/03/25 04:03	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 04:03	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 04:03	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 04:03	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		07/02/25 10:49	07/03/25 04:03	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 04:03	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 04:03	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		07/02/25 10:49	07/03/25 04:03	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		07/02/25 10:49	07/03/25 04:03	1
Endrin	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 04:03	1
Endrin	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 04:03	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		07/02/25 10:49	07/03/25 04:03	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		07/02/25 10:49	07/03/25 04:03	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		07/02/25 10:49	07/03/25 04:03	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		07/02/25 10:49	07/03/25 04:03	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		07/02/25 10:49	07/03/25 04:03	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		07/02/25 10:49	07/03/25 04:03	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 04:03	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		07/02/25 10:49	07/03/25 04:03	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		07/02/25 10:49	07/03/25 04:03	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		07/02/25 10:49	07/03/25 04:03	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 04:03	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		07/02/25 10:49	07/03/25 04:03	1
Toxaphene	0.50	U	0.50	0.11	ug/L		07/02/25 10:49	07/03/25 04:03	1
Toxaphene	0.50	U	0.50	0.11	ug/L		07/02/25 10:49	07/03/25 04:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*88*		*10 - 131*	*07/02/25 10:49*	*07/03/25 04:03*	*1*
DCB Decachlorobiphenyl	*87*		*10 - 131*	*07/02/25 10:49*	*07/03/25 04:03*	*1*
Tetrachloro-m-xylene	*89*		*31 - 120*	*07/02/25 10:49*	*07/03/25 04:03*	*1*
Tetrachloro-m-xylene	*85*		*31 - 120*	*07/02/25 10:49*	*07/03/25 04:03*	*1*

Lab Sample ID: LCS 460-1047555/2-A
Matrix: Water
Analysis Batch: 1047695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1047555

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.800	0.986		ug/L		123	60 - 138
4,4'-DDD	0.800	0.999		ug/L		125	60 - 138
4,4'-DDE	0.800	1.04		ug/L		130	61 - 150
4,4'-DDE	0.800	0.973		ug/L		122	61 - 150
4,4'-DDT	0.800	1.16		ug/L		145	57 - 150
4,4'-DDT	0.800	1.17		ug/L		147	57 - 150
Aldrin	0.800	0.949		ug/L		119	57 - 147

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1047555/2-A
Matrix: Water
Analysis Batch: 1047695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1047555

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aldrin			0.800	0.872		ug/L		109	57 - 147		
alpha-BHC			0.800	0.993		ug/L		124	57 - 150		
alpha-BHC			0.800	0.973		ug/L		122	57 - 150		
beta-BHC			0.800	0.981		ug/L		123	56 - 147		
beta-BHC			0.800	0.876		ug/L		109	56 - 147		
cis-Chlordane			0.800	1.02		ug/L		127	54 - 150		
cis-Chlordane			0.800	0.947		ug/L		118	54 - 150		
delta-BHC			0.800	1.05		ug/L		131	38 - 150		
delta-BHC			0.800	1.02		ug/L		128	38 - 150		
Dieldrin			0.800	1.00		ug/L		126	61 - 148		
Dieldrin			0.800	0.964		ug/L		120	61 - 148		
Endosulfan I			0.800	1.03		ug/L		128	60 - 150		
Endosulfan I			0.800	0.942		ug/L		118	60 - 150		
Endosulfan II			0.800	1.01		ug/L		126	63 - 150		
Endosulfan II			0.800	1.01		ug/L		126	63 - 150		
Endosulfan sulfate			0.800	1.01		ug/L		127	50 - 145		
Endosulfan sulfate			0.800	0.903		ug/L		113	50 - 145		
Endrin			0.800	1.00		ug/L		126	55 - 138		
Endrin			0.800	0.955		ug/L		119	55 - 138		
Endrin aldehyde			0.800	1.02		ug/L		128	60 - 133		
Endrin aldehyde			0.800	0.944		ug/L		118	60 - 133		
Endrin ketone			0.800	1.10		ug/L		137	56 - 150		
Endrin ketone			0.800	0.968		ug/L		121	56 - 150		
gamma-BHC (Lindane)			0.800	1.03		ug/L		128	59 - 150		
gamma-BHC (Lindane)			0.800	0.964		ug/L		120	59 - 150		
Heptachlor			0.800	1.06		ug/L		132	56 - 150		
Heptachlor			0.800	0.987		ug/L		123	56 - 150		
Heptachlor epoxide			0.800	1.04		ug/L		130	61 - 148		
Heptachlor epoxide			0.800	0.977		ug/L		122	61 - 148		
Methoxychlor			0.800	1.15		ug/L		144	58 - 150		
Methoxychlor			0.800	1.15		ug/L		144	58 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*92*		*10 - 131*
DCB Decachlorobiphenyl	*88*		*10 - 131*
Tetrachloro-m-xylene	*90*		*31 - 120*
Tetrachloro-m-xylene	*88*		*31 - 120*

Lab Sample ID: LCSD 460-1047555/3-A
Matrix: Water
Analysis Batch: 1047695

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1047555

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.800	0.975		ug/L		122	60 - 138	1	30
4,4'-DDD			0.800	0.981		ug/L		123	60 - 138	2	30
4,4'-DDE			0.800	1.03		ug/L		129	61 - 150	1	30
4,4'-DDE			0.800	0.957		ug/L		120	61 - 150	2	30
4,4'-DDT			0.800	1.15		ug/L		144	57 - 150	1	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1047555/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1047695
Prep Batch: 1047555

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDT			0.800	1.15		ug/L		144	57 - 150	2	30
Aldrin			0.800	0.954		ug/L		119	57 - 147	1	30
Aldrin			0.800	0.874		ug/L		109	57 - 147	0	30
alpha-BHC			0.800	0.993		ug/L		124	57 - 150	0	30
alpha-BHC			0.800	0.969		ug/L		121	57 - 150	0	30
beta-BHC			0.800	0.990		ug/L		124	56 - 147	1	30
beta-BHC			0.800	0.854		ug/L		107	56 - 147	2	30
cis-Chlordane			0.800	1.02		ug/L		127	54 - 150	0	30
cis-Chlordane			0.800	0.941		ug/L		118	54 - 150	1	30
delta-BHC			0.800	1.04		ug/L		130	38 - 150	1	30
delta-BHC			0.800	1.01		ug/L		126	38 - 150	1	30
Dieldrin			0.800	0.997		ug/L		125	61 - 148	1	30
Dieldrin			0.800	0.955		ug/L		119	61 - 148	1	30
Endosulfan I			0.800	1.02		ug/L		128	60 - 150	0	30
Endosulfan I			0.800	0.933		ug/L		117	60 - 150	1	30
Endosulfan II			0.800	1.01		ug/L		126	63 - 150	0	30
Endosulfan II			0.800	0.998		ug/L		125	63 - 150	1	30
Endosulfan sulfate			0.800	1.01		ug/L		126	50 - 145	0	30
Endosulfan sulfate			0.800	0.899		ug/L		112	50 - 145	0	30
Endrin			0.800	0.987		ug/L		123	55 - 138	2	30
Endrin			0.800	0.931		ug/L		116	55 - 138	3	30
Endrin aldehyde			0.800	1.03		ug/L		129	60 - 133	1	30
Endrin aldehyde			0.800	0.942		ug/L		118	60 - 133	0	30
Endrin ketone			0.800	1.10		ug/L		138	56 - 150	1	30
Endrin ketone			0.800	0.962		ug/L		120	56 - 150	1	30
gamma-BHC (Lindane)			0.800	1.03		ug/L		128	59 - 150	0	30
gamma-BHC (Lindane)			0.800	0.953		ug/L		119	59 - 150	1	30
Heptachlor			0.800	1.06		ug/L		132	56 - 150	0	30
Heptachlor			0.800	0.984		ug/L		123	56 - 150	0	30
Heptachlor epoxide			0.800	1.04		ug/L		130	61 - 148	0	30
Heptachlor epoxide			0.800	0.971		ug/L		121	61 - 148	1	30
Methoxychlor			0.800	1.15		ug/L		143	58 - 150	0	30
Methoxychlor			0.800	1.15		ug/L		144	58 - 150	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*99*		*10 - 131*
DCB Decachlorobiphenyl	*94*		*10 - 131*
Tetrachloro-m-xylene	*95*		*31 - 120*
Tetrachloro-m-xylene	*92*		*31 - 120*

Lab Sample ID: 460-329729-1 MS
Client Sample ID: RXMW-02
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1047695
Prep Batch: 1047555

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.020	U	0.800	0.697		ug/L		87	60 - 138
4,4'-DDD	0.020	U	0.800	0.758		ug/L		95	60 - 138
4,4'-DDE	0.020	U	0.800	0.739		ug/L		92	61 - 150

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-329729-1 MS
Matrix: Water
Analysis Batch: 1047695

Client Sample ID: RXMW-02
Prep Type: Total/NA
Prep Batch: 1047555

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDE	0.020	U	0.800	0.736		ug/L		92	61 - 150
4,4'-DDT	0.020	U	0.800	0.840		ug/L		105	57 - 150
4,4'-DDT	0.020	U	0.800	0.896		ug/L		112	57 - 150
Aldrin	0.020	U	0.800	0.669		ug/L		84	57 - 147
Aldrin	0.020	U	0.800	0.659		ug/L		82	57 - 147
alpha-BHC	0.020	U	0.800	0.673		ug/L		84	57 - 150
alpha-BHC	0.020	U	0.800	0.728		ug/L		91	57 - 150
beta-BHC	0.020	U	0.800	0.683		ug/L		85	56 - 147
beta-BHC	0.020	U	0.800	0.674		ug/L		84	56 - 147
cis-Chlordane	0.020	U	0.800	0.727		ug/L		91	54 - 150
cis-Chlordane	0.020	U	0.800	0.725		ug/L		91	54 - 150
delta-BHC	0.020	U	0.800	0.727		ug/L		91	38 - 150
delta-BHC	0.020	U	0.800	0.760		ug/L		95	38 - 150
Dieldrin	0.020	U	0.800	0.714		ug/L		89	61 - 148
Dieldrin	0.020	U	0.800	0.748		ug/L		94	61 - 148
Endosulfan I	0.020	U	0.800	0.733		ug/L		92	60 - 150
Endosulfan I	0.020	U	0.800	0.729		ug/L		91	60 - 150
Endosulfan II	0.020	U	0.800	0.724		ug/L		91	63 - 150
Endosulfan II	0.020	U	0.800	0.785		ug/L		98	63 - 150
Endosulfan sulfate	0.020	U	0.800	0.735		ug/L		92	50 - 145
Endosulfan sulfate	0.020	U	0.800	0.717		ug/L		90	50 - 145
Endrin	0.020	U	0.800	0.729		ug/L		91	55 - 138
Endrin	0.020	U	0.800	0.754		ug/L		94	55 - 138
Endrin aldehyde	0.020	U	0.800	0.713		ug/L		89	60 - 133
Endrin aldehyde	0.020	U	0.800	0.712		ug/L		89	60 - 133
Endrin ketone	0.020	U	0.800	0.798		ug/L		100	56 - 150
Endrin ketone	0.020	U	0.800	0.767		ug/L		96	56 - 150
gamma-BHC (Lindane)	0.020	U	0.800	0.707		ug/L		88	59 - 150
gamma-BHC (Lindane)	0.020	U	0.800	0.724		ug/L		90	59 - 150
Heptachlor	0.020	U	0.800	0.738		ug/L		92	56 - 150
Heptachlor	0.020	U	0.800	0.747		ug/L		93	56 - 150
Heptachlor epoxide	0.020	U	0.800	0.735		ug/L		92	61 - 148
Heptachlor epoxide	0.020	U	0.800	0.746		ug/L		93	61 - 148
Methoxychlor	0.020	U	0.800	0.847		ug/L		106	58 - 150
Methoxychlor	0.020	U	0.800	0.918		ug/L		115	58 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*65*		*10 - 131*
DCB Decachlorobiphenyl	*68*		*10 - 131*
Tetrachloro-m-xylene	*65*		*31 - 120*
Tetrachloro-m-xylene	*60*		*31 - 120*

Lab Sample ID: 460-329729-1 MSD
Matrix: Water
Analysis Batch: 1047695

Client Sample ID: RXMW-02
Prep Type: Total/NA
Prep Batch: 1047555

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.020	U	0.800	0.654		ug/L		82	60 - 138	6	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-329729-1 MSD
Matrix: Water
Analysis Batch: 1047695

Client Sample ID: RXMW-02
Prep Type: Total/NA
Prep Batch: 1047555

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.020	U	0.800	0.743		ug/L		93	60 - 138	2	30
4,4'-DDE	0.020	U	0.800	0.687		ug/L		86	61 - 150	7	30
4,4'-DDE	0.020	U	0.800	0.716		ug/L		90	61 - 150	3	30
4,4'-DDT	0.020	U	0.800	0.782		ug/L		98	57 - 150	7	30
4,4'-DDT	0.020	U	0.800	0.876		ug/L		110	57 - 150	2	30
Aldrin	0.020	U	0.800	0.616		ug/L		77	57 - 147	8	30
Aldrin	0.020	U	0.800	0.630		ug/L		79	57 - 147	4	30
alpha-BHC	0.020	U	0.800	0.627		ug/L		78	57 - 150	7	30
alpha-BHC	0.020	U	0.800	0.693		ug/L		87	57 - 150	5	30
beta-BHC	0.020	U	0.800	0.648		ug/L		81	56 - 147	5	30
beta-BHC	0.020	U	0.800	0.656		ug/L		82	56 - 147	3	30
cis-Chlordane	0.020	U	0.800	0.676		ug/L		84	54 - 150	7	30
cis-Chlordane	0.020	U	0.800	0.707		ug/L		88	54 - 150	3	30
delta-BHC	0.020	U	0.800	0.679		ug/L		85	38 - 150	7	30
delta-BHC	0.020	U	0.800	0.739		ug/L		92	38 - 150	3	30
Dieldrin	0.020	U	0.800	0.665		ug/L		83	61 - 148	7	30
Dieldrin	0.020	U	0.800	0.728		ug/L		91	61 - 148	3	30
Endosulfan I	0.020	U	0.800	0.684		ug/L		86	60 - 150	7	30
Endosulfan I	0.020	U	0.800	0.712		ug/L		89	60 - 150	2	30
Endosulfan II	0.020	U	0.800	0.686		ug/L		86	63 - 150	5	30
Endosulfan II	0.020	U	0.800	0.768		ug/L		96	63 - 150	2	30
Endosulfan sulfate	0.020	U	0.800	0.694		ug/L		87	50 - 145	6	30
Endosulfan sulfate	0.020	U	0.800	0.707		ug/L		88	50 - 145	1	30
Endrin	0.020	U	0.800	0.683		ug/L		85	55 - 138	6	30
Endrin	0.020	U	0.800	0.735		ug/L		92	55 - 138	3	30
Endrin aldehyde	0.020	U	0.800	0.677		ug/L		85	60 - 133	5	30
Endrin aldehyde	0.020	U	0.800	0.711		ug/L		89	60 - 133	0	30
Endrin ketone	0.020	U	0.800	0.751		ug/L		94	56 - 150	6	30
Endrin ketone	0.020	U	0.800	0.762		ug/L		95	56 - 150	1	30
gamma-BHC (Lindane)	0.020	U	0.800	0.662		ug/L		83	59 - 150	7	30
gamma-BHC (Lindane)	0.020	U	0.800	0.694		ug/L		87	59 - 150	4	30
Heptachlor	0.020	U	0.800	0.676		ug/L		84	56 - 150	9	30
Heptachlor	0.020	U	0.800	0.714		ug/L		89	56 - 150	4	30
Heptachlor epoxide	0.020	U	0.800	0.688		ug/L		86	61 - 148	7	30
Heptachlor epoxide	0.020	U	0.800	0.726		ug/L		91	61 - 148	3	30
Methoxychlor	0.020	U	0.800	0.799		ug/L		100	58 - 150	6	30
Methoxychlor	0.020	U	0.800	0.905		ug/L		113	58 - 150	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*61*		*10 - 131*
DCB Decachlorobiphenyl	*69*		*10 - 131*
Tetrachloro-m-xylene	*67*		*31 - 120*
Tetrachloro-m-xylene	*56*		*31 - 120*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1047547/1-A
Matrix: Water
Analysis Batch: 1047631

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1047547

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 19:41	1
Aroclor 1016	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 19:41	1
Aroclor 1221	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 19:41	1
Aroclor 1221	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 19:41	1
Aroclor 1232	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 19:41	1
Aroclor 1232	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 19:41	1
Aroclor 1242	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 19:41	1
Aroclor 1242	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 19:41	1
Aroclor 1248	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 19:41	1
Aroclor 1248	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 19:41	1
Aroclor 1254	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 19:41	1
Aroclor 1254	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 19:41	1
Aroclor 1260	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 19:41	1
Aroclor 1260	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 19:41	1
Aroclor-1262	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 19:41	1
Aroclor-1262	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 19:41	1
Aroclor 1268	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 19:41	1
Aroclor 1268	0.20	U	0.20	0.11	ug/L		07/02/25 10:39	07/02/25 19:41	1
Polychlorinated biphenyls, Total	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 19:41	1
Polychlorinated biphenyls, Total	0.20	U	0.20	0.12	ug/L		07/02/25 10:39	07/02/25 19:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*118*		*10 - 127*	*07/02/25 10:39*	*07/02/25 19:41*	*1*
DCB Decachlorobiphenyl	*120*		*10 - 127*	*07/02/25 10:39*	*07/02/25 19:41*	*1*
Tetrachloro-m-xylene	*113*		*21 - 139*	*07/02/25 10:39*	*07/02/25 19:41*	*1*
Tetrachloro-m-xylene	*120*		*21 - 139*	*07/02/25 10:39*	*07/02/25 19:41*	*1*

Lab Sample ID: LCS 460-1047547/2-A
Matrix: Water
Analysis Batch: 1047631

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1047547

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	4.00	4.02		ug/L		101	52 - 139
Aroclor 1016	4.00	3.96		ug/L		99	52 - 139
Aroclor 1260	4.00	4.22		ug/L		105	51 - 150
Aroclor 1260	4.00	4.47		ug/L		112	51 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*112*		*10 - 127*
DCB Decachlorobiphenyl	*119*		*10 - 127*
Tetrachloro-m-xylene	*108*		*21 - 139*
Tetrachloro-m-xylene	*115*		*21 - 139*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 460-1047547/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1047631
Prep Batch: 1047547

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			4.00	3.94		ug/L		99	52 - 139	2	30
Aroclor 1016			4.00	3.91		ug/L		98	52 - 139	1	30
Aroclor 1260			4.00	4.18		ug/L		104	51 - 150	1	30
Aroclor 1260			4.00	4.40		ug/L		110	51 - 150	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*117*		*10 - 127*
DCB Decachlorobiphenyl	*117*		*10 - 127*
Tetrachloro-m-xylene	*112*		*21 - 139*
Tetrachloro-m-xylene	*119*		*21 - 139*

Lab Sample ID: 460-329729-1 MS
Client Sample ID: RXMW-02
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1047631
Prep Batch: 1047547

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.20	U	4.00	3.55		ug/L		89	52 - 139
Aroclor 1016	0.20	U	4.00	3.57		ug/L		89	52 - 139
Aroclor 1260	0.20	U	4.00	3.77		ug/L		94	51 - 150
Aroclor 1260	0.20	U	4.00	4.07		ug/L		102	51 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*116*		*10 - 127*
DCB Decachlorobiphenyl	*118*		*10 - 127*
Tetrachloro-m-xylene	*100*		*21 - 139*
Tetrachloro-m-xylene	*102*		*21 - 139*

Lab Sample ID: 460-329729-1 MSD
Client Sample ID: RXMW-02
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1047631
Prep Batch: 1047547

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.20	U	4.00	3.04		ug/L		76	52 - 139	15	30
Aroclor 1016	0.20	U	4.00	3.13		ug/L		78	52 - 139	13	30
Aroclor 1260	0.20	U	4.00	3.14		ug/L		78	51 - 150	18	30
Aroclor 1260	0.20	U	4.00	3.56		ug/L		89	51 - 150	13	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*107*		*10 - 127*
DCB Decachlorobiphenyl	*109*		*10 - 127*
Tetrachloro-m-xylene	*95*		*21 - 139*
Tetrachloro-m-xylene	*98*		*21 - 139*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 460-1047751/1-A
Matrix: Water
Analysis Batch: 1048132

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1047751

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	1.2	U	1.2	0.12	ug/L		07/03/25 07:45	07/06/25 19:36	1
2,4,5-T	1.2	U	1.2	0.12	ug/L		07/03/25 07:45	07/06/25 19:36	1
2,4-D	1.2	U	1.2	0.13	ug/L		07/03/25 07:45	07/06/25 19:36	1
2,4-D	1.2	U	1.2	0.13	ug/L		07/03/25 07:45	07/06/25 19:36	1
Silvex (2,4,5-TP)	1.2	U	1.2	0.11	ug/L		07/03/25 07:45	07/06/25 19:36	1
Silvex (2,4,5-TP)	1.2	U	1.2	0.11	ug/L		07/03/25 07:45	07/06/25 19:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*40*		*10 - 150*	*07/03/25 07:45*	*07/06/25 19:36*	*1*
2,4-Dichlorophenylacetic acid	*42*		*10 - 150*	*07/03/25 07:45*	*07/06/25 19:36*	*1*

Lab Sample ID: LCS 460-1047751/2-A
Matrix: Water
Analysis Batch: 1048132

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1047751

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4,5-T			2.00	1.14	J	ug/L		57	10 - 150		
2,4,5-T			2.00	1.21		ug/L		60	10 - 150		
2,4-D			8.00	3.57		ug/L		45	10 - 150		
2,4-D			8.00	3.66		ug/L		46	10 - 150		
Silvex (2,4,5-TP)			2.00	1.58		ug/L		79	10 - 150		
Silvex (2,4,5-TP)			2.00	1.64		ug/L		82	10 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*62*		*10 - 150*
2,4-Dichlorophenylacetic acid	*62*		*10 - 150*

Lab Sample ID: LCSD 460-1047751/3-A
Matrix: Water
Analysis Batch: 1048132

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1047751

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T			2.00	2.05	*	ug/L		102	10 - 150	57	30
2,4,5-T			2.00	2.18	*	ug/L		109	10 - 150	57	30
2,4-D			8.00	7.59	*	ug/L		95	10 - 150	72	30
2,4-D			8.00	8.09	*	ug/L		101	10 - 150	75	30
Silvex (2,4,5-TP)			2.00	2.14		ug/L		107	10 - 150	30	30
Silvex (2,4,5-TP)			2.00	2.22		ug/L		111	10 - 150	30	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*98*		*10 - 150*
2,4-Dichlorophenylacetic acid	*96*		*10 - 150*

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: 460-329729-1 MS
Matrix: Water
Analysis Batch: 1048132

Client Sample ID: RXMW-02
Prep Type: Total/NA
Prep Batch: 1047751

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	1.2	U *	2000	2.17	*	ug/L		0.1	10 - 150
2,4,5-T	1.2	U *	2000	2.26	*	ug/L		0.1	10 - 150
2,4-D	1.2	U *	8000	7.80	*	ug/L		0.1	10 - 150
2,4-D	1.2	U *	8000	8.38	*	ug/L		0.1	10 - 150
Silvex (2,4,5-TP)	1.2	U	2000	2.38	*	ug/L		0.1	10 - 150
Silvex (2,4,5-TP)	1.2	U	2000	2.44	*	ug/L		0.1	10 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*104*		*10 - 150*
2,4-Dichlorophenylacetic acid	*101*		*10 - 150*

Lab Sample ID: 460-329729-1 MSD
Matrix: Water
Analysis Batch: 1048132

Client Sample ID: RXMW-02
Prep Type: Total/NA
Prep Batch: 1047751

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T	1.2	U *	2000	1.77	*	ug/L		0.09	10 - 150	20	30
2,4,5-T	1.2	U *	2000	1.87	*	ug/L		0.09	10 - 150	19	30
2,4-D	1.2	U *	8000	6.38	*	ug/L		0.08	10 - 150	20	30
2,4-D	1.2	U *	8000	7.00	*	ug/L		0.09	10 - 150	18	30
Silvex (2,4,5-TP)	1.2	U	2000	1.90	*	ug/L		0.1	10 - 150	22	30
Silvex (2,4,5-TP)	1.2	U	2000	2.02	*	ug/L		0.1	10 - 150	19	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*80*		*10 - 150*
2,4-Dichlorophenylacetic acid	*79*		*10 - 150*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1048114/1-A
Matrix: Water
Analysis Batch: 1048343

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 1048114

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	40.0	U	40.0	11.7	ug/L		07/05/25 20:40	07/07/25 13:40	1
Antimony	2.0	U	2.0	0.48	ug/L		07/05/25 20:40	07/07/25 13:40	1
Arsenic	2.0	U	2.0	1.2	ug/L		07/05/25 20:40	07/07/25 13:40	1
Barium	4.0	U	4.0	0.93	ug/L		07/05/25 20:40	07/07/25 13:40	1
Beryllium	0.80	U	0.80	0.12	ug/L		07/05/25 20:40	07/07/25 13:40	1
Cadmium	0.92	U	0.92	0.26	ug/L		07/05/25 20:40	07/07/25 13:40	1
Calcium	500	U	500	31.7	ug/L		07/05/25 20:40	07/07/25 13:40	1
Chromium	4.0	U	4.0	1.7	ug/L		07/05/25 20:40	07/07/25 13:40	1
Cobalt	2.0	U	2.0	0.18	ug/L		07/05/25 20:40	07/07/25 13:40	1
Copper	4.0	U	4.0	2.0	ug/L		07/05/25 20:40	07/07/25 13:40	1
Iron	120	U	120	33.7	ug/L		07/05/25 20:40	07/07/25 13:40	1
Lead	1.2	U	1.2	0.42	ug/L		07/05/25 20:40	07/07/25 13:40	1
Magnesium	200	U	200	21.8	ug/L		07/05/25 20:40	07/07/25 13:40	1
Manganese	8.0	U	8.0	0.84	ug/L		07/05/25 20:40	07/07/25 13:40	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1048114/1-A
Matrix: Water
Analysis Batch: 1048343

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 1048114

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	4.0	U	4.0	1.4	ug/L		07/05/25 20:40	07/07/25 13:40	1
Potassium	200	U	200	114	ug/L		07/05/25 20:40	07/07/25 13:40	1
Selenium	2.5	U	2.5	0.43	ug/L		07/05/25 20:40	07/07/25 13:40	1
Silver	2.0	U	2.0	1.3	ug/L		07/05/25 20:40	07/07/25 13:40	1
Sodium	500	U	500	180	ug/L		07/05/25 20:40	07/07/25 13:40	1
Thallium	0.50	U	0.50	0.16	ug/L		07/05/25 20:40	07/07/25 13:40	1
Vanadium	4.0	U	4.0	1.0	ug/L		07/05/25 20:40	07/07/25 13:40	1
Zinc	16.0	U	16.0	4.2	ug/L		07/05/25 20:40	07/07/25 13:40	1

Lab Sample ID: LCS 460-1048114/2-A
Matrix: Water
Analysis Batch: 1048343

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1048114

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	2500	2584		ug/L		103	80 - 120
Antimony	25.0	24.29		ug/L		97	80 - 120
Arsenic	50.0	49.10		ug/L		98	80 - 120
Barium	50.0	49.87		ug/L		100	80 - 120
Beryllium	25.0	24.59		ug/L		98	80 - 120
Cadmium	25.0	23.87		ug/L		95	80 - 120
Calcium	2500	2625		ug/L		105	80 - 120
Chromium	50.0	51.77		ug/L		104	80 - 120
Cobalt	25.0	25.15		ug/L		101	80 - 120
Copper	50.0	51.12		ug/L		102	80 - 120
Iron	2500	2626		ug/L		105	80 - 120
Lead	25.0	24.84		ug/L		99	80 - 120
Magnesium	2500	2620		ug/L		105	80 - 120
Manganese	250	249.6		ug/L		100	80 - 120
Nickel	50.0	50.83		ug/L		102	80 - 120
Potassium	2500	2562		ug/L		102	80 - 120
Selenium	50.0	50.20		ug/L		100	80 - 120
Silver	25.0	25.11		ug/L		100	80 - 120
Sodium	2500	2668		ug/L		107	80 - 120
Thallium	20.0	19.80		ug/L		99	80 - 120
Vanadium	50.0	50.31		ug/L		101	80 - 120
Zinc	250	250.0		ug/L		100	80 - 120

Lab Sample ID: 460-329729-1 MS
Matrix: Water
Analysis Batch: 1048343

Client Sample ID: RXMW-02
Prep Type: Total Recoverable
Prep Batch: 1048114

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	40.0		2500	2700		ug/L		106	75 - 125
Antimony	2.0	U	25.0	25.57		ug/L		102	75 - 125
Arsenic	2.0	U	50.0	51.06		ug/L		102	75 - 125
Barium	98.7		50.0	155.6		ug/L		114	75 - 125
Beryllium	0.80	U	25.0	26.26		ug/L		105	75 - 125
Cadmium	0.92	U	25.0	25.29		ug/L		101	75 - 125
Calcium	106000		2500	115800	4	ug/L		376	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-329729-1 MS
Matrix: Water
Analysis Batch: 1048343

Client Sample ID: RXMW-02
Prep Type: Total Recoverable
Prep Batch: 1048114

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	4.0	U	50.0	54.29		ug/L		109	75 - 125
Cobalt	2.0	U	25.0	25.77		ug/L		103	75 - 125
Copper	4.0	U	50.0	52.07		ug/L		104	75 - 125
Iron	634		2500	3306		ug/L		107	75 - 125
Lead	1.2	U	25.0	26.07		ug/L		104	75 - 125
Magnesium	11500		2500	14840	4	ug/L		133	75 - 125
Manganese	163		250	429.3		ug/L		106	75 - 125
Nickel	1.9	J	50.0	52.95		ug/L		102	75 - 125
Potassium	14300		2500	17600	4	ug/L		132	75 - 125
Selenium	2.5	U	50.0	54.46		ug/L		109	75 - 125
Silver	2.0	U	25.0	25.53		ug/L		102	75 - 125
Sodium	37100		2500	42130	4	ug/L		201	75 - 125
Thallium	0.50	U	20.0	20.69		ug/L		103	75 - 125
Vanadium	4.0	U	50.0	52.90		ug/L		106	75 - 125
Zinc	16.0	U	250	257.1		ug/L		103	75 - 125

Lab Sample ID: 460-329729-1 MSD
Matrix: Water
Analysis Batch: 1048343

Client Sample ID: RXMW-02
Prep Type: Total Recoverable
Prep Batch: 1048114

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	40.0		2500	2520		ug/L		99	75 - 125	7	20
Antimony	2.0	U	25.0	24.24		ug/L		97	75 - 125	5	20
Arsenic	2.0	U	50.0	48.64		ug/L		97	75 - 125	5	20
Barium	98.7		50.0	148.0		ug/L		99	75 - 125	5	20
Beryllium	0.80	U	25.0	24.36		ug/L		97	75 - 125	7	20
Cadmium	0.92	U	25.0	23.48		ug/L		94	75 - 125	7	20
Calcium	106000		2500	110400	4	ug/L		159	75 - 125	5	20
Chromium	4.0	U	50.0	51.28		ug/L		103	75 - 125	6	20
Cobalt	2.0	U	25.0	24.33		ug/L		97	75 - 125	6	20
Copper	4.0	U	50.0	50.01		ug/L		100	75 - 125	4	20
Iron	634		2500	3107		ug/L		99	75 - 125	6	20
Lead	1.2	U	25.0	24.39		ug/L		98	75 - 125	7	20
Magnesium	11500		2500	14370	4	ug/L		114	75 - 125	3	20
Manganese	163		250	408.6		ug/L		98	75 - 125	5	20
Nickel	1.9	J	50.0	51.04		ug/L		98	75 - 125	4	20
Potassium	14300		2500	17090	4	ug/L		112	75 - 125	3	20
Selenium	2.5	U	50.0	49.17		ug/L		98	75 - 125	10	20
Silver	2.0	U	25.0	23.88		ug/L		96	75 - 125	7	20
Sodium	37100		2500	40750	4	ug/L		146	75 - 125	3	20
Thallium	0.50	U	20.0	19.33		ug/L		97	75 - 125	7	20
Vanadium	4.0	U	50.0	49.64		ug/L		99	75 - 125	6	20
Zinc	16.0	U	250	243.0		ug/L		97	75 - 125	6	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-329729-1 DU
Matrix: Water
Analysis Batch: 1048343

Client Sample ID: RXMW-02
Prep Type: Total Recoverable
Prep Batch: 1048114

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	40.0		37.90	J	ug/L		5	20
Antimony	2.0	U	2.0	U	ug/L		NC	20
Arsenic	2.0	U	2.0	U	ug/L		NC	20
Barium	98.7		102.1		ug/L		3	20
Beryllium	0.80	U	0.80	U	ug/L		NC	20
Cadmium	0.92	U	0.92	U	ug/L		NC	20
Calcium	106000		110400		ug/L		4	20
Chromium	4.0	U	1.89	J	ug/L		NC	20
Cobalt	2.0	U	2.0	U	ug/L		NC	20
Copper	4.0	U	4.0	U	ug/L		NC	20
Iron	634		657.4		ug/L		4	20
Lead	1.2	U	1.2	U	ug/L		NC	20
Magnesium	11500		11870		ug/L		3	20
Manganese	163		168.8		ug/L		3	20
Nickel	1.9	J	2.06	J	ug/L		9	20
Potassium	14300		14710		ug/L		3	20
Selenium	2.5	U	2.5	U	ug/L		NC	20
Silver	2.0	U	2.0	U	ug/L		NC	20
Sodium	37100		38450		ug/L		4	20
Thallium	0.50	U	0.50	U	ug/L		NC	20
Vanadium	4.0	U	4.0	U	ug/L		NC	20
Zinc	16.0	U	16.0	U	ug/L		NC	20

Lab Sample ID: LCS 460-1048421/13-A
Matrix: Water
Analysis Batch: 1048584

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1048421

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	2500	2472		ug/L		99	80 - 120
Antimony	25.0	24.02		ug/L		96	80 - 120
Arsenic	50.0	48.05		ug/L		96	80 - 120
Barium	50.0	50.26		ug/L		101	80 - 120
Beryllium	25.0	26.04		ug/L		104	80 - 120
Cadmium	25.0	23.52		ug/L		94	80 - 120
Calcium	2500	2635		ug/L		105	80 - 120
Chromium	50.0	49.50		ug/L		99	80 - 120
Cobalt	25.0	24.57		ug/L		98	80 - 120
Copper	50.0	58.66		ug/L		117	80 - 120
Iron	2500	2535		ug/L		101	80 - 120
Lead	25.0	24.25		ug/L		97	80 - 120
Magnesium	2500	2519		ug/L		101	80 - 120
Manganese	250	242.5		ug/L		97	80 - 120
Nickel	50.0	51.01		ug/L		102	80 - 120
Potassium	2500	2536		ug/L		101	80 - 120
Selenium	50.0	47.12		ug/L		94	80 - 120
Silver	25.0	24.24		ug/L		97	80 - 120
Sodium	2500	2597		ug/L		104	80 - 120
Thallium	20.0	19.45		ug/L		97	80 - 120
Vanadium	50.0	48.97		ug/L		98	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 460-1048421/13-A
Matrix: Water
Analysis Batch: 1048584

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1048421

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	250	237.4		ug/L		95	80 - 120

Lab Sample ID: MB 460-1048420/1-B
Matrix: Water
Analysis Batch: 1048584

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 1048421

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	40.0	U	40.0	11.7	ug/L		07/08/25 02:30	07/08/25 19:26	1
Antimony	2.0	U	2.0	0.48	ug/L		07/08/25 02:30	07/08/25 19:26	1
Arsenic	2.0	U	2.0	1.2	ug/L		07/08/25 02:30	07/08/25 19:26	1
Barium	4.0	U	4.0	0.93	ug/L		07/08/25 02:30	07/08/25 19:26	1
Beryllium	0.80	U	0.80	0.12	ug/L		07/08/25 02:30	07/08/25 19:26	1
Cadmium	0.92	U	0.92	0.26	ug/L		07/08/25 02:30	07/08/25 19:26	1
Calcium	500	U	500	31.7	ug/L		07/08/25 02:30	07/08/25 19:26	1
Chromium	4.0	U	4.0	1.7	ug/L		07/08/25 02:30	07/08/25 19:26	1
Cobalt	2.0	U	2.0	0.18	ug/L		07/08/25 02:30	07/08/25 19:26	1
Copper	4.0	U	4.0	2.0	ug/L		07/08/25 02:30	07/08/25 19:26	1
Iron	120	U	120	33.7	ug/L		07/08/25 02:30	07/08/25 19:26	1
Lead	1.2	U	1.2	0.42	ug/L		07/08/25 02:30	07/08/25 19:26	1
Magnesium	200	U	200	21.8	ug/L		07/08/25 02:30	07/08/25 19:26	1
Manganese	8.0	U	8.0	0.84	ug/L		07/08/25 02:30	07/08/25 19:26	1
Nickel	4.0	U	4.0	1.4	ug/L		07/08/25 02:30	07/08/25 19:26	1
Potassium	200	U	200	114	ug/L		07/08/25 02:30	07/08/25 19:26	1
Selenium	2.5	U	2.5	0.43	ug/L		07/08/25 02:30	07/08/25 19:26	1
Silver	2.0	U	2.0	1.3	ug/L		07/08/25 02:30	07/08/25 19:26	1
Sodium	500	U	500	180	ug/L		07/08/25 02:30	07/08/25 19:26	1
Thallium	0.50	U	0.50	0.16	ug/L		07/08/25 02:30	07/08/25 19:26	1
Vanadium	4.0	U	4.0	1.0	ug/L		07/08/25 02:30	07/08/25 19:26	1
Zinc	4.73	J	16.0	4.2	ug/L		07/08/25 02:30	07/08/25 19:26	1

Lab Sample ID: 460-329729-1 MS
Matrix: Water
Analysis Batch: 1048584

Client Sample ID: RXMW-02
Prep Type: Dissolved
Prep Batch: 1048421

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	40.0	U	2500	2474		ug/L		99	75 - 125
Antimony	2.0	U	25.0	23.63		ug/L		95	75 - 125
Arsenic	2.0	U	50.0	49.19		ug/L		98	75 - 125
Barium	91.3		50.0	150.3		ug/L		118	75 - 125
Beryllium	0.80	U	25.0	23.58		ug/L		94	75 - 125
Cadmium	0.92	U	25.0	24.63		ug/L		99	75 - 125
Calcium	104000		2500	109300	4	ug/L		196	75 - 125
Chromium	4.0	U	50.0	46.52		ug/L		93	75 - 125
Cobalt	2.0	U	25.0	24.75		ug/L		99	75 - 125
Copper	4.0	U	50.0	58.85		ug/L		118	75 - 125
Iron	120	U	2500	2314		ug/L		93	75 - 125
Lead	1.2	U	25.0	22.96		ug/L		92	75 - 125
Magnesium	11900		2500	14560	4	ug/L		108	75 - 125
Manganese	157		250	411.1		ug/L		101	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-329729-1 MS
Matrix: Water
Analysis Batch: 1048584

Client Sample ID: RXMW-02
Prep Type: Dissolved
Prep Batch: 1048421

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	4.0	U	50.0	50.38		ug/L		101	75 - 125
Potassium	14600		2500	17310	4	ug/L		108	75 - 125
Selenium	2.5	U	50.0	48.49		ug/L		97	75 - 125
Silver	2.0	U	25.0	23.70		ug/L		95	75 - 125
Sodium	38100		2500	40750	4	ug/L		105	75 - 125
Thallium	0.50	U	20.0	19.39		ug/L		97	75 - 125
Vanadium	4.0	U	50.0	48.11		ug/L		96	75 - 125
Zinc	12.7	J B	250	282.5		ug/L		108	75 - 125

Lab Sample ID: 460-329729-1 MSD
Matrix: Water
Analysis Batch: 1048584

Client Sample ID: RXMW-02
Prep Type: Dissolved
Prep Batch: 1048421

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	40.0	U	2500	2249		ug/L		90	75 - 125	10	20
Antimony	2.0	U	25.0	24.54		ug/L		98	75 - 125	4	20
Arsenic	2.0	U	50.0	54.95		ug/L		110	75 - 125	11	20
Barium	91.3		50.0	149.7		ug/L		117	75 - 125	0	20
Beryllium	0.80	U	25.0	23.17		ug/L		93	75 - 125	2	20
Cadmium	0.92	U	25.0	22.82		ug/L		91	75 - 125	8	20
Calcium	104000		2500	110900	4	ug/L		258	75 - 125	1	20
Chromium	4.0	U	50.0	51.22		ug/L		102	75 - 125	10	20
Cobalt	2.0	U	25.0	24.16		ug/L		97	75 - 125	2	20
Copper	4.0	U	50.0	40.51	N	ug/L		81	75 - 125	37	20
Iron	120	U	2500	2641		ug/L		106	75 - 125	13	20
Lead	1.2	U	25.0	24.12		ug/L		96	75 - 125	5	20
Magnesium	11900		2500	14470	4	ug/L		105	75 - 125	1	20
Manganese	157		250	407.7		ug/L		100	75 - 125	1	20
Nickel	4.0	U	50.0	49.70		ug/L		99	75 - 125	1	20
Potassium	14600		2500	17190	4	ug/L		103	75 - 125	1	20
Selenium	2.5	U	50.0	54.14		ug/L		108	75 - 125	11	20
Silver	2.0	U	25.0	24.92		ug/L		100	75 - 125	5	20
Sodium	38100		2500	40810	4	ug/L		107	75 - 125	0	20
Thallium	0.50	U	20.0	19.48		ug/L		97	75 - 125	0	20
Vanadium	4.0	U	50.0	51.96		ug/L		104	75 - 125	8	20
Zinc	12.7	J B	250	307.8		ug/L		118	75 - 125	9	20

Lab Sample ID: 460-329729-1 DU
Matrix: Water
Analysis Batch: 1048584

Client Sample ID: RXMW-02
Prep Type: Dissolved
Prep Batch: 1048421

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	40.0	U	40.0	U	ug/L		NC	20
Antimony	2.0	U	2.0	U	ug/L		NC	20
Arsenic	2.0	U	2.0	U	ug/L		NC	20
Barium	91.3		92.28		ug/L		1	20
Beryllium	0.80	U	0.80	U	ug/L		NC	20
Cadmium	0.92	U	0.92	U	ug/L		NC	20
Calcium	104000		105900		ug/L		1	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-329729-1 DU
Matrix: Water
Analysis Batch: 1048584

Client Sample ID: RXMW-02
Prep Type: Dissolved
Prep Batch: 1048421

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Chromium	4.0	U	4.0	U	ug/L		NC	20
Cobalt	2.0	U	2.0	U	ug/L		NC	20
Copper	4.0	U	4.0	U	ug/L		NC	20
Iron	120	U	120	U	ug/L		NC	20
Lead	1.2	U	1.2	U	ug/L		NC	20
Magnesium	11900		11700		ug/L		1	20
Manganese	157		159.7		ug/L		1	20
Nickel	4.0	U	4.0	U	ug/L		NC	20
Potassium	14600		14380		ug/L		2	20
Selenium	2.5	U	2.5	U	ug/L		NC	20
Silver	2.0	U	2.0	U	ug/L		NC	20
Sodium	38100		37350		ug/L		2	20
Thallium	0.50	U	0.50	U	ug/L		NC	20
Vanadium	4.0	U	4.0	U	ug/L		NC	20
Zinc	12.7	J B	4.68	J	ug/L		92	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LCS 460-1048308/3-A
Matrix: Water
Analysis Batch: 1048380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1048308

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	1.00	1.02		ug/L		102	80 - 120

Lab Sample ID: MB 460-1048314/1-A
Matrix: Water
Analysis Batch: 1048380

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1048314

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		07/07/25 10:43	07/07/25 17:19	1

Lab Sample ID: LCS 460-1048314/2-A
Matrix: Water
Analysis Batch: 1048380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1048314

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	1.00	1.01		ug/L		101	80 - 120

Lab Sample ID: 460-329729-1 MS
Matrix: Water
Analysis Batch: 1048380

Client Sample ID: RXMW-02
Prep Type: Total/NA
Prep Batch: 1048314

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.20	U	1.00	1.01		ug/L		101	75 - 125

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 460-329729-1 MSD
Matrix: Water
Analysis Batch: 1048380
Client Sample ID: RXMW-02
Prep Type: Total/NA
Prep Batch: 1048314

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.20	U	1.00	1.01		ug/L		101	75 - 125	0	20

Lab Sample ID: 460-329667-I-4-F DU
Matrix: Water
Analysis Batch: 1048380
Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1048314

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.20	U	0.20	U	ug/L		NC	20

Lab Sample ID: MB 460-1048305/1-B
Matrix: Water
Analysis Batch: 1048380
Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 1048308

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		07/07/25 09:58	07/07/25 16:07	1

Lab Sample ID: 460-329729-1 MS
Matrix: Water
Analysis Batch: 1048380
Client Sample ID: RXMW-02
Prep Type: Dissolved
Prep Batch: 1048308

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.20	U	1.00	1.01		ug/L		101	75 - 125

Lab Sample ID: 460-329729-1 MSD
Matrix: Water
Analysis Batch: 1048380
Client Sample ID: RXMW-02
Prep Type: Dissolved
Prep Batch: 1048308

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.20	U	1.00	1.01		ug/L		101	75 - 125	0	20

Lab Sample ID: 460-329729-1 DU
Matrix: Water
Analysis Batch: 1048380
Client Sample ID: RXMW-02
Prep Type: Dissolved
Prep Batch: 1048308

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.20	U	0.20	U	ug/L		NC	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 460-1047503/10
Matrix: Water
Analysis Batch: 1047503
Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	10.0	U	10.0	2.9	ug/L			07/02/25 08:00	1

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCSSRM 460-1047503/11
Matrix: Water
Analysis Batch: 1047503

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			74.7	75.35		ug/L		100.9	84.2 - 114.5		

Lab Sample ID: 460-329729-1 MS
Matrix: Water
Analysis Batch: 1047503

Client Sample ID: RXMW-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)	10.0	U	30.0	28.76		ug/L		96	85 - 115		

Lab Sample ID: 460-329729-1 DU
Matrix: Water
Analysis Batch: 1047503

Client Sample ID: RXMW-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	10.0	U	10.0	U	ug/L		NC	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 460-1048186/17-A
Matrix: Water
Analysis Batch: 1048196

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1048186

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0040	mg/L		07/06/25 15:31	07/06/25 16:22	1

Lab Sample ID: LCS 460-1048186/18-A
Matrix: Water
Analysis Batch: 1048196

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1048186

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.100	0.102		mg/L		102	85 - 115		

Lab Sample ID: MRL 460-1048186/12-A
Matrix: Water
Analysis Batch: 1048196

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1048186

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.0100	0.00970	J	mg/L		97	50 - 150		

Lab Sample ID: 460-329729-1 MS
Matrix: Water
Analysis Batch: 1048196

Client Sample ID: RXMW-02
Prep Type: Total/NA
Prep Batch: 1048186

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	0.0044	J	0.200	0.187		mg/L		91	90 - 110		

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 460-329729-1 MSD
Client Sample ID: RXMW-02
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1048196
Prep Batch: 1048186

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.0044	J	0.200	0.192		mg/L		94	90 - 110	3	35

GC/MS VOA

Analysis Batch: 1048410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Total/NA	Water	8260D	
460-329729-2	DUP_GW_07012025	Total/NA	Water	8260D	
460-329729-3	RXMW-06	Total/NA	Water	8260D	
460-329729-4	RXMW-08	Total/NA	Water	8260D	
460-329729-5	RXMW-03	Total/NA	Water	8260D	
460-329729-6	FB_GW_07012025	Total/NA	Water	8260D	
460-329729-7	TRIP BLANK	Total/NA	Water	8260D	
MB 460-1048410/9	Method Blank	Total/NA	Water	8260D	
LCS 460-1048410/4	Lab Control Sample	Total/NA	Water	8260D	
460-329729-1 MS	RXMW-02	Total/NA	Water	8260D	
460-329729-1 MSD	RXMW-02	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 1047574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Total/NA	Water	3510C	
460-329729-2	DUP_GW_07012025	Total/NA	Water	3510C	
460-329729-3	RXMW-06	Total/NA	Water	3510C	
460-329729-4	RXMW-08	Total/NA	Water	3510C	
460-329729-5	RXMW-03	Total/NA	Water	3510C	
460-329729-6	FB_GW_07012025	Total/NA	Water	3510C	
MB 460-1047574/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1047574/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1047574/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
460-329729-1 MS	RXMW-02	Total/NA	Water	3510C	
460-329729-1 MSD	RXMW-02	Total/NA	Water	3510C	

Prep Batch: 1047575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Total/NA	Water	3510C	
460-329729-2	DUP_GW_07012025	Total/NA	Water	3510C	
460-329729-3	RXMW-06	Total/NA	Water	3510C	
460-329729-4	RXMW-08	Total/NA	Water	3510C	
460-329729-5	RXMW-03	Total/NA	Water	3510C	
460-329729-6	FB_GW_07012025	Total/NA	Water	3510C	
MB 460-1047575/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1047575/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1047575/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
460-329667-E-4-B MS	Matrix Spike	Total/NA	Water	3510C	
460-329667-E-4-C MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	
460-329729-1 MS	RXMW-02	Total/NA	Water	3510C	
460-329729-1 MSD	RXMW-02	Total/NA	Water	3510C	

Analysis Batch: 1047615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-2	DUP_GW_07012025	Total/NA	Water	8270E	1047575
460-329729-3	RXMW-06	Total/NA	Water	8270E	1047575
MB 460-1047575/1-A	Method Blank	Total/NA	Water	8270E	1047575
LCS 460-1047575/2-A	Lab Control Sample	Total/NA	Water	8270E	1047575
LCSD 460-1047575/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	1047575

GC/MS Semi VOA (Continued)

Analysis Batch: 1047615 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329667-E-4-B MS	Matrix Spike	Total/NA	Water	8270E	1047575
460-329667-E-4-C MSD	Matrix Spike Duplicate	Total/NA	Water	8270E	1047575

Analysis Batch: 1047645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Total/NA	Water	8270E SIM ID	1047574
460-329729-2	DUP_GW_07012025	Total/NA	Water	8270E SIM ID	1047574
460-329729-3	RXMW-06	Total/NA	Water	8270E SIM ID	1047574
460-329729-4	RXMW-08	Total/NA	Water	8270E SIM ID	1047574
460-329729-5	RXMW-03	Total/NA	Water	8270E SIM ID	1047574
460-329729-6	FB_GW_07012025	Total/NA	Water	8270E SIM ID	1047574
MB 460-1047574/1-A	Method Blank	Total/NA	Water	8270E SIM ID	1047574
LCS 460-1047574/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	1047574
LCSD 460-1047574/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	1047574
460-329729-1 MS	RXMW-02	Total/NA	Water	8270E SIM ID	1047574
460-329729-1 MSD	RXMW-02	Total/NA	Water	8270E SIM ID	1047574

Analysis Batch: 1047801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Total/NA	Water	8270E	1047575
460-329729-4	RXMW-08	Total/NA	Water	8270E	1047575
460-329729-5	RXMW-03	Total/NA	Water	8270E	1047575
460-329729-6	FB_GW_07012025	Total/NA	Water	8270E	1047575
460-329729-1 MS	RXMW-02	Total/NA	Water	8270E	1047575
460-329729-1 MSD	RXMW-02	Total/NA	Water	8270E	1047575

GC Semi VOA

Prep Batch: 1047547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Total/NA	Water	3510C	
460-329729-2	DUP_GW_07012025	Total/NA	Water	3510C	
460-329729-3	RXMW-06	Total/NA	Water	3510C	
460-329729-4	RXMW-08	Total/NA	Water	3510C	
460-329729-5	RXMW-03	Total/NA	Water	3510C	
460-329729-6	FB_GW_07012025	Total/NA	Water	3510C	
MB 460-1047547/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1047547/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1047547/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
460-329729-1 MS	RXMW-02	Total/NA	Water	3510C	
460-329729-1 MSD	RXMW-02	Total/NA	Water	3510C	

Prep Batch: 1047555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Total/NA	Water	3510C	
460-329729-2	DUP_GW_07012025	Total/NA	Water	3510C	
460-329729-3	RXMW-06	Total/NA	Water	3510C	
460-329729-4	RXMW-08	Total/NA	Water	3510C	
460-329729-5	RXMW-03	Total/NA	Water	3510C	
460-329729-6	FB_GW_07012025	Total/NA	Water	3510C	
MB 460-1047555/1-A	Method Blank	Total/NA	Water	3510C	

GC Semi VOA (Continued)

Prep Batch: 1047555 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 460-1047555/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1047555/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
460-329729-1 MS	RXMW-02	Total/NA	Water	3510C	
460-329729-1 MSD	RXMW-02	Total/NA	Water	3510C	

Analysis Batch: 1047631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-2	DUP_GW_07012025	Total/NA	Water	8082A	1047547
460-329729-3	RXMW-06	Total/NA	Water	8082A	1047547
460-329729-4	RXMW-08	Total/NA	Water	8082A	1047547
460-329729-5	RXMW-03	Total/NA	Water	8082A	1047547
460-329729-6	FB_GW_07012025	Total/NA	Water	8082A	1047547
MB 460-1047547/1-A	Method Blank	Total/NA	Water	8082A	1047547
LCS 460-1047547/2-A	Lab Control Sample	Total/NA	Water	8082A	1047547
LCSD 460-1047547/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	1047547
460-329729-1 MS	RXMW-02	Total/NA	Water	8082A	1047547
460-329729-1 MSD	RXMW-02	Total/NA	Water	8082A	1047547

Analysis Batch: 1047673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Total/NA	Water	8082A	1047547

Analysis Batch: 1047695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Total/NA	Water	8081B	1047555
460-329729-2	DUP_GW_07012025	Total/NA	Water	8081B	1047555
460-329729-3	RXMW-06	Total/NA	Water	8081B	1047555
460-329729-4	RXMW-08	Total/NA	Water	8081B	1047555
460-329729-5	RXMW-03	Total/NA	Water	8081B	1047555
460-329729-6	FB_GW_07012025	Total/NA	Water	8081B	1047555
MB 460-1047555/1-A	Method Blank	Total/NA	Water	8081B	1047555
LCS 460-1047555/2-A	Lab Control Sample	Total/NA	Water	8081B	1047555
LCSD 460-1047555/3-A	Lab Control Sample Dup	Total/NA	Water	8081B	1047555
460-329729-1 MS	RXMW-02	Total/NA	Water	8081B	1047555
460-329729-1 MSD	RXMW-02	Total/NA	Water	8081B	1047555

Prep Batch: 1047751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Total/NA	Water	8151A	
460-329729-2	DUP_GW_07012025	Total/NA	Water	8151A	
460-329729-3	RXMW-06	Total/NA	Water	8151A	
460-329729-4	RXMW-08	Total/NA	Water	8151A	
460-329729-5	RXMW-03	Total/NA	Water	8151A	
460-329729-6	FB_GW_07012025	Total/NA	Water	8151A	
MB 460-1047751/1-A	Method Blank	Total/NA	Water	8151A	
LCS 460-1047751/2-A	Lab Control Sample	Total/NA	Water	8151A	
LCSD 460-1047751/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	
460-329729-1 MS	RXMW-02	Total/NA	Water	8151A	
460-329729-1 MSD	RXMW-02	Total/NA	Water	8151A	

GC Semi VOA

Analysis Batch: 1048132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Total/NA	Water	8151A	1047751
460-329729-2	DUP_GW_07012025	Total/NA	Water	8151A	1047751
460-329729-3	RXMW-06	Total/NA	Water	8151A	1047751
460-329729-4	RXMW-08	Total/NA	Water	8151A	1047751
460-329729-5	RXMW-03	Total/NA	Water	8151A	1047751
460-329729-6	FB_GW_07012025	Total/NA	Water	8151A	1047751
MB 460-1047751/1-A	Method Blank	Total/NA	Water	8151A	1047751
LCS 460-1047751/2-A	Lab Control Sample	Total/NA	Water	8151A	1047751
LCSD 460-1047751/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	1047751
460-329729-1 MS	RXMW-02	Total/NA	Water	8151A	1047751
460-329729-1 MSD	RXMW-02	Total/NA	Water	8151A	1047751

Metals

Prep Batch: 1048114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Total Recoverable	Water	3005A	
460-329729-2	DUP_GW_07012025	Total Recoverable	Water	3005A	
460-329729-3	RXMW-06	Total Recoverable	Water	3005A	
460-329729-4	RXMW-08	Total Recoverable	Water	3005A	
460-329729-5	RXMW-03	Total Recoverable	Water	3005A	
460-329729-6	FB_GW_07012025	Total Recoverable	Water	3005A	
MB 460-1048114/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 460-1048114/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
460-329729-1 MS	RXMW-02	Total Recoverable	Water	3005A	
460-329729-1 MSD	RXMW-02	Total Recoverable	Water	3005A	
460-329729-1 DU	RXMW-02	Total Recoverable	Water	3005A	

Filtration Batch: 1048305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Dissolved	Water	FILTRATION	
460-329729-2	DUP_GW_07012025	Dissolved	Water	FILTRATION	
460-329729-3	RXMW-06	Dissolved	Water	FILTRATION	
460-329729-4	RXMW-08	Dissolved	Water	FILTRATION	
460-329729-5	RXMW-03	Dissolved	Water	FILTRATION	
460-329729-6	FB_GW_07012025	Dissolved	Water	FILTRATION	
MB 460-1048305/1-B	Method Blank	Dissolved	Water	FILTRATION	
460-329729-1 MS	RXMW-02	Dissolved	Water	FILTRATION	
460-329729-1 MSD	RXMW-02	Dissolved	Water	FILTRATION	
460-329729-1 DU	RXMW-02	Dissolved	Water	FILTRATION	

Prep Batch: 1048308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Dissolved	Water	7470A	1048305
460-329729-2	DUP_GW_07012025	Dissolved	Water	7470A	1048305
460-329729-3	RXMW-06	Dissolved	Water	7470A	1048305
460-329729-4	RXMW-08	Dissolved	Water	7470A	1048305
460-329729-5	RXMW-03	Dissolved	Water	7470A	1048305
460-329729-6	FB_GW_07012025	Dissolved	Water	7470A	1048305
MB 460-1048305/1-B	Method Blank	Dissolved	Water	7470A	1048305
LCS 460-1048308/3-A	Lab Control Sample	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 1048308 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1 MS	RXMW-02	Dissolved	Water	7470A	1048305
460-329729-1 MSD	RXMW-02	Dissolved	Water	7470A	1048305
460-329729-1 DU	RXMW-02	Dissolved	Water	7470A	1048305

Prep Batch: 1048314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Total/NA	Water	7470A	
460-329729-2	DUP_GW_07012025	Total/NA	Water	7470A	
460-329729-3	RXMW-06	Total/NA	Water	7470A	
460-329729-4	RXMW-08	Total/NA	Water	7470A	
460-329729-5	RXMW-03	Total/NA	Water	7470A	
460-329729-6	FB_GW_07012025	Total/NA	Water	7470A	
MB 460-1048314/1-A	Method Blank	Total/NA	Water	7470A	
LCS 460-1048314/2-A	Lab Control Sample	Total/NA	Water	7470A	
460-329729-1 MS	RXMW-02	Total/NA	Water	7470A	
460-329729-1 MSD	RXMW-02	Total/NA	Water	7470A	
460-329667-I-4-F DU	Duplicate	Total/NA	Water	7470A	

Analysis Batch: 1048343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Total Recoverable	Water	6020B	1048114
460-329729-2	DUP_GW_07012025	Total Recoverable	Water	6020B	1048114
460-329729-3	RXMW-06	Total Recoverable	Water	6020B	1048114
460-329729-4	RXMW-08	Total Recoverable	Water	6020B	1048114
460-329729-5	RXMW-03	Total Recoverable	Water	6020B	1048114
460-329729-5	RXMW-03	Total Recoverable	Water	6020B	1048114
460-329729-6	FB_GW_07012025	Total Recoverable	Water	6020B	1048114
MB 460-1048114/1-A	Method Blank	Total Recoverable	Water	6020B	1048114
LCS 460-1048114/2-A	Lab Control Sample	Total Recoverable	Water	6020B	1048114
460-329729-1 MS	RXMW-02	Total Recoverable	Water	6020B	1048114
460-329729-1 MSD	RXMW-02	Total Recoverable	Water	6020B	1048114
460-329729-1 DU	RXMW-02	Total Recoverable	Water	6020B	1048114

Analysis Batch: 1048380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Dissolved	Water	7470A	1048308
460-329729-1	RXMW-02	Total/NA	Water	7470A	1048314
460-329729-2	DUP_GW_07012025	Dissolved	Water	7470A	1048308
460-329729-2	DUP_GW_07012025	Total/NA	Water	7470A	1048314
460-329729-3	RXMW-06	Dissolved	Water	7470A	1048308
460-329729-3	RXMW-06	Total/NA	Water	7470A	1048314
460-329729-4	RXMW-08	Dissolved	Water	7470A	1048308
460-329729-4	RXMW-08	Total/NA	Water	7470A	1048314
460-329729-5	RXMW-03	Dissolved	Water	7470A	1048308
460-329729-5	RXMW-03	Total/NA	Water	7470A	1048314
460-329729-6	FB_GW_07012025	Dissolved	Water	7470A	1048308
460-329729-6	FB_GW_07012025	Total/NA	Water	7470A	1048314
MB 460-1048305/1-B	Method Blank	Dissolved	Water	7470A	1048308
MB 460-1048314/1-A	Method Blank	Total/NA	Water	7470A	1048314
LCS 460-1048308/3-A	Lab Control Sample	Total/NA	Water	7470A	1048308
LCS 460-1048314/2-A	Lab Control Sample	Total/NA	Water	7470A	1048314

Metals (Continued)

Analysis Batch: 1048380 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1 MS	RXMW-02	Dissolved	Water	7470A	1048308
460-329729-1 MS	RXMW-02	Total/NA	Water	7470A	1048314
460-329729-1 MSD	RXMW-02	Dissolved	Water	7470A	1048308
460-329729-1 MSD	RXMW-02	Total/NA	Water	7470A	1048314
460-329667-I-4-F DU	Duplicate	Total/NA	Water	7470A	1048314
460-329729-1 DU	RXMW-02	Dissolved	Water	7470A	1048308

Filtration Batch: 1048420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Dissolved	Water	FILTRATION	
460-329729-2	DUP_GW_07012025	Dissolved	Water	FILTRATION	
460-329729-3	RXMW-06	Dissolved	Water	FILTRATION	
460-329729-4	RXMW-08	Dissolved	Water	FILTRATION	
460-329729-5	RXMW-03	Dissolved	Water	FILTRATION	
460-329729-6	FB_GW_07012025	Dissolved	Water	FILTRATION	
MB 460-1048420/1-B	Method Blank	Dissolved	Water	FILTRATION	
460-329729-1 MS	RXMW-02	Dissolved	Water	FILTRATION	
460-329729-1 MSD	RXMW-02	Dissolved	Water	FILTRATION	
460-329729-1 DU	RXMW-02	Dissolved	Water	FILTRATION	

Prep Batch: 1048421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Dissolved	Water	3005A	1048420
460-329729-2	DUP_GW_07012025	Dissolved	Water	3005A	1048420
460-329729-3	RXMW-06	Dissolved	Water	3005A	1048420
460-329729-4	RXMW-08	Dissolved	Water	3005A	1048420
460-329729-5	RXMW-03	Dissolved	Water	3005A	1048420
460-329729-6	FB_GW_07012025	Dissolved	Water	3005A	1048420
MB 460-1048420/1-B	Method Blank	Dissolved	Water	3005A	1048420
LCS 460-1048421/13-A	Lab Control Sample	Total Recoverable	Water	3005A	
460-329729-1 MS	RXMW-02	Dissolved	Water	3005A	1048420
460-329729-1 MSD	RXMW-02	Dissolved	Water	3005A	1048420
460-329729-1 DU	RXMW-02	Dissolved	Water	3005A	1048420

Analysis Batch: 1048584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Dissolved	Water	6020B	1048421
460-329729-2	DUP_GW_07012025	Dissolved	Water	6020B	1048421
460-329729-3	RXMW-06	Dissolved	Water	6020B	1048421
460-329729-4	RXMW-08	Dissolved	Water	6020B	1048421
460-329729-5	RXMW-03	Dissolved	Water	6020B	1048421
460-329729-6	FB_GW_07012025	Dissolved	Water	6020B	1048421
MB 460-1048420/1-B	Method Blank	Dissolved	Water	6020B	1048421
LCS 460-1048421/13-A	Lab Control Sample	Total Recoverable	Water	6020B	1048421
460-329729-1 MS	RXMW-02	Dissolved	Water	6020B	1048421
460-329729-1 MSD	RXMW-02	Dissolved	Water	6020B	1048421
460-329729-1 DU	RXMW-02	Dissolved	Water	6020B	1048421

Analysis Batch: 1048810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-5	RXMW-03	Dissolved	Water	6020B	1048421

General Chemistry

Analysis Batch: 1047503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Total/NA	Water	7196A	
460-329729-2	DUP_GW_07012025	Total/NA	Water	7196A	
460-329729-3	RXMW-06	Total/NA	Water	7196A	
460-329729-4	RXMW-08	Total/NA	Water	7196A	
460-329729-5	RXMW-03	Total/NA	Water	7196A	
460-329729-6	FB_GW_07012025	Total/NA	Water	7196A	
MB 460-1047503/10	Method Blank	Total/NA	Water	7196A	
LCSSRM 460-1047503/11	Lab Control Sample	Total/NA	Water	7196A	
MRL 460-1047503/9	Lab Control Sample	Total/NA	Water	7196A	
460-329729-1 MS	RXMW-02	Total/NA	Water	7196A	
460-329729-1 DU	RXMW-02	Total/NA	Water	7196A	

Prep Batch: 1048186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Total/NA	Water	9012B	
460-329729-2	DUP_GW_07012025	Total/NA	Water	9012B	
460-329729-3	RXMW-06	Total/NA	Water	9012B	
460-329729-4	RXMW-08	Total/NA	Water	9012B	
460-329729-5	RXMW-03	Total/NA	Water	9012B	
460-329729-6	FB_GW_07012025	Total/NA	Water	9012B	
MB 460-1048186/17-A	Method Blank	Total/NA	Water	9012B	
LCS 460-1048186/18-A	Lab Control Sample	Total/NA	Water	9012B	
MRL 460-1048186/12-A	Lab Control Sample	Total/NA	Water	9012B	
460-329729-1 MS	RXMW-02	Total/NA	Water	9012B	
460-329729-1 MSD	RXMW-02	Total/NA	Water	9012B	

Analysis Batch: 1048196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Total/NA	Water	9012B	1048186
460-329729-2	DUP_GW_07012025	Total/NA	Water	9012B	1048186
460-329729-3	RXMW-06	Total/NA	Water	9012B	1048186
460-329729-4	RXMW-08	Total/NA	Water	9012B	1048186
460-329729-5	RXMW-03	Total/NA	Water	9012B	1048186
460-329729-6	FB_GW_07012025	Total/NA	Water	9012B	1048186
MB 460-1048186/17-A	Method Blank	Total/NA	Water	9012B	1048186
LCS 460-1048186/18-A	Lab Control Sample	Total/NA	Water	9012B	1048186
MRL 460-1048186/12-A	Lab Control Sample	Total/NA	Water	9012B	1048186
460-329729-1 MS	RXMW-02	Total/NA	Water	9012B	1048186
460-329729-1 MSD	RXMW-02	Total/NA	Water	9012B	1048186

Analysis Batch: 1048458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-1	RXMW-02	Total/NA	Water	7196A	
460-329729-2	DUP_GW_07012025	Total/NA	Water	7196A	
460-329729-3	RXMW-06	Total/NA	Water	7196A	
460-329729-4	RXMW-08	Total/NA	Water	7196A	
460-329729-5	RXMW-03	Total/NA	Water	7196A	
460-329729-6	FB_GW_07012025	Total/NA	Water	7196A	

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-02
Lab Sample ID: 460-329729-1
Date Collected: 07/01/25 09:30
Matrix: Water
Date Received: 07/01/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1048410	MZS	EET EDI	07/08/25 04:17
Total/NA	Prep	3510C			1047575	NMP	EET EDI	07/02/25 12:09
Total/NA	Analysis	8270E		1	1047801	DXD	EET EDI	07/03/25 15:44
Total/NA	Prep	3510C			1047574	NMP	EET EDI	07/02/25 12:05
Total/NA	Analysis	8270E SIM ID		1	1047645	MME	EET EDI	07/03/25 01:32
Total/NA	Prep	3510C			1047555	TMP	EET EDI	07/02/25 10:49
Total/NA	Analysis	8081B		1	1047695	FAM	EET EDI	07/03/25 05:08
Total/NA	Prep	3510C			1047547	TMP	EET EDI	07/02/25 10:39
Total/NA	Analysis	8082A		1	1047673	SAK	EET EDI	07/03/25 07:37
Total/NA	Prep	8151A			1047751	BXP	EET EDI	07/03/25 07:45
Total/NA	Analysis	8151A		1	1048132	SAK	EET EDI	07/06/25 19:55
Dissolved	Filtration	FILTRATION			1048420	VAD	EET EDI	07/08/25 02:26
Dissolved	Prep	3005A			1048421	VAD	EET EDI	07/08/25 02:30
Dissolved	Analysis	6020B		1	1048584	CDC	EET EDI	07/08/25 19:40
Total Recoverable	Prep	3005A			1048114	GAE	EET EDI	07/05/25 20:40
Total Recoverable	Analysis	6020B		1	1048343	CDC	EET EDI	07/07/25 13:56
Dissolved	Filtration	FILTRATION			1048305	JKF	EET EDI	07/07/25 09:55
Dissolved	Prep	7470A			1048308	JKF	EET EDI	07/07/25 09:58
Dissolved	Analysis	7470A		1	1048380	JKF	EET EDI	07/07/25 16:24
Total/NA	Prep	7470A			1048314	JKF	EET EDI	07/07/25 10:43
Total/NA	Analysis	7470A		1	1048380	JKF	EET EDI	07/07/25 17:39
Total/NA	Analysis	7196A		1	1048458	TJW	EET EDI	07/08/25 07:16
Total/NA	Analysis	7196A		1	1047503	MNP	EET EDI	07/02/25 08:30
Total/NA	Prep	9012B			1048186	VBG	EET EDI	07/06/25 15:31
Total/NA	Analysis	9012B		1	1048196	VBG	EET EDI	07/06/25 16:23

Client Sample ID: DUP_GW_07012025
Lab Sample ID: 460-329729-2
Date Collected: 07/01/25 10:10
Matrix: Water
Date Received: 07/01/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1048410	MZS	EET EDI	07/08/25 04:43
Total/NA	Prep	3510C			1047575	NMP	EET EDI	07/02/25 12:09
Total/NA	Analysis	8270E		1	1047615	MME	EET EDI	07/03/25 07:39
Total/NA	Prep	3510C			1047574	NMP	EET EDI	07/02/25 12:05
Total/NA	Analysis	8270E SIM ID		1	1047645	MME	EET EDI	07/02/25 22:54
Total/NA	Prep	3510C			1047555	TMP	EET EDI	07/02/25 10:49
Total/NA	Analysis	8081B		1	1047695	FAM	EET EDI	07/03/25 05:47
Total/NA	Prep	3510C			1047547	TMP	EET EDI	07/02/25 10:39
Total/NA	Analysis	8082A		1	1047631	SAK	EET EDI	07/02/25 20:47
Total/NA	Prep	8151A			1047751	BXP	EET EDI	07/03/25 07:45
Total/NA	Analysis	8151A		1	1048132	SAK	EET EDI	07/06/25 20:52

Client Sample ID: DUP_GW_07012025
Lab Sample ID: 460-329729-2

Date Collected: 07/01/25 10:10
Matrix: Water
Date Received: 07/01/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	FILTRATION			1048420	VAD	EET EDI	07/08/25 02:26
Dissolved	Prep	3005A			1048421	VAD	EET EDI	07/08/25 02:30
Dissolved	Analysis	6020B		1	1048584	CDC	EET EDI	07/08/25 19:45
Total Recoverable	Prep	3005A			1048114	GAE	EET EDI	07/05/25 20:40
Total Recoverable	Analysis	6020B		1	1048343	CDC	EET EDI	07/07/25 14:02
Dissolved	Filtration	FILTRATION			1048305	JKF	EET EDI	07/07/25 09:55
Dissolved	Prep	7470A			1048308	JKF	EET EDI	07/07/25 09:58
Dissolved	Analysis	7470A		1	1048380	JKF	EET EDI	07/07/25 16:59
Total/NA	Prep	7470A			1048314	JKF	EET EDI	07/07/25 10:43
Total/NA	Analysis	7470A		1	1048380	JKF	EET EDI	07/07/25 18:17
Total/NA	Analysis	7196A		1	1048458	TJW	EET EDI	07/08/25 07:16
Total/NA	Analysis	7196A		1	1047503	MNP	EET EDI	07/02/25 08:30
Total/NA	Prep	9012B			1048186	VBG	EET EDI	07/06/25 15:31
Total/NA	Analysis	9012B		1	1048196	VBG	EET EDI	07/06/25 16:26

Client Sample ID: RXMW-06
Lab Sample ID: 460-329729-3

Date Collected: 07/01/25 14:00
Matrix: Water
Date Received: 07/01/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1048410	MZS	EET EDI	07/08/25 05:09
Total/NA	Prep	3510C			1047575	NMP	EET EDI	07/02/25 12:09
Total/NA	Analysis	8270E		1	1047615	MME	EET EDI	07/03/25 08:00
Total/NA	Prep	3510C			1047574	NMP	EET EDI	07/02/25 12:05
Total/NA	Analysis	8270E SIM ID		1	1047645	MME	EET EDI	07/02/25 23:10
Total/NA	Prep	3510C			1047555	TMP	EET EDI	07/02/25 10:49
Total/NA	Analysis	8081B		1	1047695	FAM	EET EDI	07/03/25 06:00
Total/NA	Prep	3510C			1047547	TMP	EET EDI	07/02/25 10:39
Total/NA	Analysis	8082A		1	1047631	SAK	EET EDI	07/02/25 21:04
Total/NA	Prep	8151A			1047751	BXP	EET EDI	07/03/25 07:45
Total/NA	Analysis	8151A		1	1048132	SAK	EET EDI	07/06/25 21:11
Dissolved	Filtration	FILTRATION			1048420	VAD	EET EDI	07/08/25 02:26
Dissolved	Prep	3005A			1048421	VAD	EET EDI	07/08/25 02:30
Dissolved	Analysis	6020B		1	1048584	CDC	EET EDI	07/08/25 19:51
Total Recoverable	Prep	3005A			1048114	GAE	EET EDI	07/05/25 20:40
Total Recoverable	Analysis	6020B		1	1048343	CDC	EET EDI	07/07/25 14:05
Dissolved	Filtration	FILTRATION			1048305	JKF	EET EDI	07/07/25 09:55
Dissolved	Prep	7470A			1048308	JKF	EET EDI	07/07/25 09:58
Dissolved	Analysis	7470A		1	1048380	JKF	EET EDI	07/07/25 17:02
Total/NA	Prep	7470A			1048314	JKF	EET EDI	07/07/25 10:43
Total/NA	Analysis	7470A		1	1048380	JKF	EET EDI	07/07/25 18:25
Total/NA	Analysis	7196A		1	1048458	TJW	EET EDI	07/08/25 07:16
Total/NA	Analysis	7196A		1	1047503	MNP	EET EDI	07/02/25 08:30

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-06
Lab Sample ID: 460-329729-3
Date Collected: 07/01/25 14:00
Matrix: Water
Date Received: 07/01/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			1048186	VBG	EET EDI	07/06/25 15:31
Total/NA	Analysis	9012B		1	1048196	VBG	EET EDI	07/06/25 16:27

Client Sample ID: RXMW-08
Lab Sample ID: 460-329729-4
Date Collected: 07/01/25 14:40
Matrix: Water
Date Received: 07/01/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1048410	MZS	EET EDI	07/08/25 05:35
Total/NA	Prep	3510C			1047575	NMP	EET EDI	07/02/25 12:09
Total/NA	Analysis	8270E		1	1047801	DXD	EET EDI	07/03/25 16:48
Total/NA	Prep	3510C			1047574	NMP	EET EDI	07/02/25 12:05
Total/NA	Analysis	8270E SIM ID		1	1047645	MME	EET EDI	07/02/25 23:26
Total/NA	Prep	3510C			1047555	TMP	EET EDI	07/02/25 10:49
Total/NA	Analysis	8081B		1	1047695	FAM	EET EDI	07/03/25 06:13
Total/NA	Prep	3510C			1047547	TMP	EET EDI	07/02/25 10:39
Total/NA	Analysis	8082A		1	1047631	SAK	EET EDI	07/02/25 21:21
Total/NA	Prep	8151A			1047751	BXP	EET EDI	07/03/25 07:45
Total/NA	Analysis	8151A		1	1048132	SAK	EET EDI	07/06/25 21:29
Dissolved	Filtration	FILTRATION			1048420	VAD	EET EDI	07/08/25 02:26
Dissolved	Prep	3005A			1048421	VAD	EET EDI	07/08/25 02:30
Dissolved	Analysis	6020B		1	1048584	CDC	EET EDI	07/08/25 20:02
Total Recoverable	Prep	3005A			1048114	GAE	EET EDI	07/05/25 20:40
Total Recoverable	Analysis	6020B		1	1048343	CDC	EET EDI	07/07/25 14:13
Dissolved	Filtration	FILTRATION			1048305	JKF	EET EDI	07/07/25 09:55
Dissolved	Prep	7470A			1048308	JKF	EET EDI	07/07/25 09:58
Dissolved	Analysis	7470A		1	1048380	JKF	EET EDI	07/07/25 17:05
Total/NA	Prep	7470A			1048314	JKF	EET EDI	07/07/25 10:43
Total/NA	Analysis	7470A		1	1048380	JKF	EET EDI	07/07/25 18:28
Total/NA	Analysis	7196A		1	1048458	TJW	EET EDI	07/08/25 07:16
Total/NA	Analysis	7196A		1	1047503	MNP	EET EDI	07/02/25 08:30
Total/NA	Prep	9012B			1048186	VBG	EET EDI	07/06/25 15:31
Total/NA	Analysis	9012B		1	1048196	VBG	EET EDI	07/06/25 16:28

Client Sample ID: RXMW-03
Lab Sample ID: 460-329729-5
Date Collected: 07/01/25 15:10
Matrix: Water
Date Received: 07/01/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1048410	MZS	EET EDI	07/08/25 06:01
Total/NA	Prep	3510C			1047575	NMP	EET EDI	07/02/25 12:09
Total/NA	Analysis	8270E		1	1047801	DXD	EET EDI	07/03/25 17:09
Total/NA	Prep	3510C			1047574	NMP	EET EDI	07/02/25 12:05
Total/NA	Analysis	8270E SIM ID		1	1047645	MME	EET EDI	07/02/25 23:41

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-03
Lab Sample ID: 460-329729-5
Date Collected: 07/01/25 15:10
Matrix: Water
Date Received: 07/01/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			1047555	TMP	EET EDI	07/02/25 10:49
Total/NA	Analysis	8081B		1	1047695	FAM	EET EDI	07/03/25 06:26
Total/NA	Prep	3510C			1047547	TMP	EET EDI	07/02/25 10:39
Total/NA	Analysis	8082A		1	1047631	SAK	EET EDI	07/02/25 21:37
Total/NA	Prep	8151A			1047751	BXP	EET EDI	07/03/25 07:45
Total/NA	Analysis	8151A		1	1048132	SAK	EET EDI	07/06/25 21:48
Dissolved	Filtration	FILTRATION			1048420	VAD	EET EDI	07/08/25 02:26
Dissolved	Prep	3005A			1048421	VAD	EET EDI	07/08/25 02:30
Dissolved	Analysis	6020B		1	1048584	CDC	EET EDI	07/08/25 20:04
Dissolved	Filtration	FILTRATION			1048420	VAD	EET EDI	07/08/25 02:26
Dissolved	Prep	3005A			1048421	VAD	EET EDI	07/08/25 02:30
Dissolved	Analysis	6020B		5	1048810	CDC	EET EDI	07/09/25 14:33
Total Recoverable	Prep	3005A			1048114	GAE	EET EDI	07/05/25 20:40
Total Recoverable	Analysis	6020B		1	1048343	CDC	EET EDI	07/07/25 14:15
Total Recoverable	Prep	3005A			1048114	GAE	EET EDI	07/05/25 20:40
Total Recoverable	Analysis	6020B		10	1048343	CDC	EET EDI	07/07/25 15:42
Dissolved	Filtration	FILTRATION			1048305	JKF	EET EDI	07/07/25 09:57
Dissolved	Prep	7470A			1048308	JKF	EET EDI	07/07/25 09:58
Dissolved	Analysis	7470A		1	1048380	JKF	EET EDI	07/07/25 17:08
Total/NA	Prep	7470A			1048314	JKF	EET EDI	07/07/25 10:43
Total/NA	Analysis	7470A		1	1048380	JKF	EET EDI	07/07/25 18:31
Total/NA	Analysis	7196A		1	1048458	TJW	EET EDI	07/08/25 07:16
Total/NA	Analysis	7196A		1	1047503	MNP	EET EDI	07/02/25 08:30
Total/NA	Prep	9012B			1048186	VBG	EET EDI	07/06/25 15:31
Total/NA	Analysis	9012B		1	1048196	VBG	EET EDI	07/06/25 16:29

Client Sample ID: FB_GW_07012025
Lab Sample ID: 460-329729-6
Date Collected: 07/01/25 15:00
Matrix: Water
Date Received: 07/01/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1048410	MZS	EET EDI	07/08/25 03:51
Total/NA	Prep	3510C			1047575	NMP	EET EDI	07/02/25 12:09
Total/NA	Analysis	8270E		1	1047801	DXD	EET EDI	07/03/25 17:31
Total/NA	Prep	3510C			1047574	NMP	EET EDI	07/02/25 12:05
Total/NA	Analysis	8270E SIM ID		1	1047645	MME	EET EDI	07/02/25 23:57
Total/NA	Prep	3510C			1047555	TMP	EET EDI	07/02/25 10:49
Total/NA	Analysis	8081B		1	1047695	FAM	EET EDI	07/03/25 06:39
Total/NA	Prep	3510C			1047547	TMP	EET EDI	07/02/25 10:40
Total/NA	Analysis	8082A		1	1047631	SAK	EET EDI	07/02/25 21:54
Total/NA	Prep	8151A			1047751	BXP	EET EDI	07/03/25 07:45
Total/NA	Analysis	8151A		1	1048132	SAK	EET EDI	07/06/25 22:07
Dissolved	Filtration	FILTRATION			1048420	VAD	EET EDI	07/08/25 02:26
Dissolved	Prep	3005A			1048421	VAD	EET EDI	07/08/25 02:30
Dissolved	Analysis	6020B		1	1048584	CDC	EET EDI	07/08/25 19:59

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: FB_GW_07012025
Lab Sample ID: 460-329729-6
Date Collected: 07/01/25 15:00
Matrix: Water
Date Received: 07/01/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			1048114	GAE	EET EDI	07/05/25 20:40
Total Recoverable	Analysis	6020B		1	1048343	CDC	EET EDI	07/07/25 14:18
Dissolved	Filtration	FILTRATION			1048305	JKF	EET EDI	07/07/25 09:57
Dissolved	Prep	7470A			1048308	JKF	EET EDI	07/07/25 09:58
Dissolved	Analysis	7470A		1	1048380	JKF	EET EDI	07/07/25 17:16
Total/NA	Prep	7470A			1048314	JKF	EET EDI	07/07/25 10:43
Total/NA	Analysis	7470A		1	1048380	JKF	EET EDI	07/07/25 18:34
Total/NA	Analysis	7196A		1	1048458	TJW	EET EDI	07/08/25 07:16
Total/NA	Analysis	7196A		1	1047503	MNP	EET EDI	07/02/25 08:30
Total/NA	Prep	9012B			1048186	VBG	EET EDI	07/06/25 15:31
Total/NA	Analysis	9012B		1	1048196	VBG	EET EDI	07/06/25 16:29

Client Sample ID: TRIP BLANK
Lab Sample ID: 460-329729-7
Date Collected: 07/01/25 00:00
Matrix: Water
Date Received: 07/01/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1048410	MZS	EET EDI	07/08/25 03:25

Laboratory References:
EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
7196A		Water	Cr (III)
8270E	3510C	Water	3 & 4 Methylphenol

Method Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
8151A	Herbicides (GC)	SW846	EET EDI
6020B	Metals (ICP/MS)	SW846	EET EDI
7470A	Mercury (CVAA)	SW846	EET EDI
7196A	Chromium, Hexavalent	SW846	EET EDI
7196A	Chromium, Trivalent (Colorimetric)	SW846	EET EDI
9012B	Cyanide, Total andor Amenable	SW846	EET EDI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI
7470A	Preparation, Mercury	SW846	EET EDI
8151A	Extraction (Herbicides)	SW846	EET EDI
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET EDI
FILTRATION	Sample Filtration	None	EET EDI

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329729-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-329729-1	RXMW-02	Water	07/01/25 09:30	07/01/25 19:20
460-329729-2	DUP_GW_07012025	Water	07/01/25 10:10	07/01/25 19:20
460-329729-3	RXMW-06	Water	07/01/25 14:00	07/01/25 19:20
460-329729-4	RXMW-08	Water	07/01/25 14:40	07/01/25 19:20
460-329729-5	RXMW-03	Water	07/01/25 15:10	07/01/25 19:20
460-329729-6	FB_GW_07012025	Water	07/01/25 15:00	07/01/25 19:20
460-329729-7	TRIP BLANK	Water	07/01/25 00:00	07/01/25 19:20

Chain of Custody Record 761502

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TAL-8210

Address: 777 Dorman Rd Edison, NJ 08817

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact
Company Name: Dawn
Address: 109 Shattle St
City/State/Zip: Islandia / NY / 11749
Phone: 631 851 9490
Fax:
Project Name: 35-37 College Point Blvd
Site: 35-37 College Point Blvd Flushing, NY
P O #

Project Manager: Mary Beth Lyons
Tel/Email: 516 776 4599

Analysis Turnaround Time
☐ CALENDAR DAYS ☐ WORKING DAYS
TAT if different from Below: 5 Days
☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day

Site Contact: Jane Cuello
Lab Contact:
Date: 7/1/25
Carrier:

COC No: 1 of 1 COCs
Sampler:
For Lab Use Only
Walk-in Client:
Lab Sampling:
Job / SDG No: 329729

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Herbicides, Pesticides	PCBs, 1-14-Dioxane	BNAs + 1,4-Dioxane	Hexavalent Chromium	Trivalent Chromium	Dissolved TAL Metals	Dissolved Mercury	TAL Metals	Mercury	TCL / Part 375 VOCs	Cyanide, Total
RXMW-02	7/1	930	G	W	57	Y	Y	X	X	X	X	X	X	X	X	X	X	X
DUP_GW_07012025		1010			19													
RXMW-06		1400			19													
RXMW-08		1440			19													
RXMW-03		1510			19													
FB_GW_07012025		1500			19													
TRIP BLANK		LAB	✓	✓	2													

Sample Specific Notes:
1 Triplicate MS/MSD
2 DUP
3 FB
4 TRIP BLANK
5 DUP
6 DUP
7 DUP

460-329729 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Cooler Temp. (°C). Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Custody Seals Intact: ☐ Yes ☐ No

	Custody Seal No.	Company	Date/Time	Received by	Company	Date/Time
Relinquished by:		Dawn	7/1/25			
Relinquished by:		Company:	Date/Time:	Received by:	Company: EET	Date/Time: 7/1/25 1920
Relinquished by:		Company: EET	Date/Time: 7/1/25 1920	Received in Laboratory by:	Company: GTG	Date/Time: 7/1/25 1920

7/1-25 FH 1700

N'O CS 12#4 1-16 3.9/4.3 19/2.3 4.0/4.4

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7/9/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 329729

Number of Coolers: 4 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED
Cooler #1:	1.2 °C	1.6 °C
Cooler #2:	3.9 °C	4.3 °C
Cooler #3:	1.9 °C	2.3 °C
Cooler #4:	4.0 °C	4.4 °C
Cooler #5:	°C	°C
Cooler #6:	°C	°C
Cooler #7:	°C	°C
Cooler #8:	°C	°C
Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
1				X								7/2			
2				X								7/2			
3				X								7/2			
4				X								7/2			
5				X								7/2			
6				X								7/2			

If pH adjustments are required record the information below:

Sample No(s). adjusted _____

Preservative Name/Conc. _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s). _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials _____ Date: 7/1/25

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-329729-1

Login Number: 329729
List Number: 1
Creator: Rivera, Kenneth

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	Refer to Job Narrative for details.
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. MaryBeth Lyons
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, New York 11749

Generated 7/11/2025 12:48:49 PM

JOB DESCRIPTION

35-32 College Point Blvd, Flushing, NY

JOB NUMBER

460-329737-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



Generated
7/11/2025 12:48:49 PM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Definitions/Glossary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329737-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Qualifiers

LCMS

Qualifier	Qualifier Description
*	Isotope Dilution analyte is outside acceptance limits.
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-329737-1

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 7/1/2025 7:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.8°C.

Receipt Exceptions
All backup containers for water samples received for 1633 PFAS analysis were frozen after receipt.
Goose_F400_Influent_(20250701) (460-329733-1), Goose_F400_Effluent_(20250701) (460-329733-2), RXMW-02_P (460-329737-1), RXMW-02_P (460-329737-1[MS]), RXMW-02_P (460-329737-1[MSD]), DUP_GW_07012025_P (460-329737-2), RXMW-06_P (460-329737-3), RXMW-08_P (460-329737-4), RXMW_03_P (460-329737-5), FB_GW_07012025_P (460-329737-6), RISB-06(0-2) (460-329750-1), RISB-06(0-2) (460-329750-1[MS]), RISB-06(0-2) (460-329750-1[MSD]), RISB-06(2-4) (460-329750-2), RISB-05(0-1.5) (460-329750-3), RISB-05(1.5-3) (460-329750-4), RISB-04(0-1) (460-329750-5), RISB-04(1-2) (460-329750-6), RISB-10(0-2.5) (460-329750-7), RISB-10(2.5-5) (460-329750-8), RISB-DUP-02 (460-329750-9), FB-20250701 (460-329750-10) and TB-20250701 (460-329750-11)

Method 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A
Samples RXMW-02_P (460-329737-1), RXMW-02_P (460-329737-1MS), RXMW-02_P (460-329737-1MSD), DUP_GW_07012025_P (460-329737-2), RXMW-06_P (460-329737-3), RXMW-08_P (460-329737-4), RXMW_03_P (460-329737-5) and FB_GW_07012025_P (460-329737-6) were analyzed for Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A. The samples were prepared on 7/3/2025 and 7/9/2025 and analyzed on 7/5/2025 and 7/10/2025.

The recovery for the target analytes: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS) and 3-Perfluoropentylpropanoic acid (5:3 FTCA) in the laboratory control spike samples associated with the following samples: RXMW-06_P (460-329737-3), RXMW-08_P (460-329737-4), RXMW_03_P (460-329737-5) and FB_GW_07012025_P (460-329737-6) is outside the QC acceptance limits. Since this target was outside specification by less than 10% and the analyte is not detected in samples, the data is reported.

The recovery for labeled isotope(s): d7-N-MeFOSE-M and d9-N-EtFOSE-M is outside the QC acceptance limits and biased high in the opening and closing continuing calibration verification standards. Since the recovery for the labeled isotope(s) is within QC limits in the following samples: RXMW-06_P (460-329737-3), RXMW-08_P (460-329737-4), RXMW_03_P (460-329737-5) and FB_GW_07012025_P (460-329737-6), the data is reported.

The recovery for target analyte 4,8-Dioxa-3H-perfluorononanoic acid (ADONA) is outside the QC acceptance limits in the opening and closing continuing calibration verification standards and biased high. Since the result is high and the target 4,8-Dioxa-3H-perfluorononanoic acid (ADONA) is not detected in the following samples: RXMW-06_P (460-329737-3), RXMW-08_P (460-329737-4), RXMW_03_P (460-329737-5) and FB_GW_07012025_P (460-329737-6), the data is reported.

The recovery for the labeled isotope(s): 13C4 PFHpA, 13C8 FOSA and 13C2 PFDoA in the following sample: RXMW-06_P (460-329737-3) is outside the QC acceptance limits. Since the recovery is less than 200%, the data is reported.

The signal to noise for target analyte(s) Perfluoropentanoic acid (PFPeA) in the following samples: RXMW-06_P (460-329737-3) and RXMW-08_P (460-329737-4) is less than 10.0 due to an interfering peak that is not co-eluting. Analyst judgment was used to positively identify the analyte and the data is reported.

The signal to noise for target analyte(s) Perfluorobutanoic acid (PFBA) in the following sample: RXMW_03_P (460-329737-5) is less than 10.0 due to an interfering peak that is not co-eluting. Analyst judgment was used to positively identify the analyte and the

data is reported.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329737-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-02_P — Lab Sample ID: 460-329737-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	23.6		1.67	0.50	ng/L	1		1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	27.2		1.67	0.42	ng/L	1		1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	14.3		1.67	0.67	ng/L	1		1633A	Total/NA
Perfluorooctanoic acid (PFOA)	28.7		1.67	0.75	ng/L	1		1633A	Total/NA
Perfluorononanoic acid (PFNA)	6.69		1.67	0.42	ng/L	1		1633A	Total/NA
Perfluorodecanoic acid (PFDA)	2.00		1.67	0.42	ng/L	1		1633A	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.57		1.67	0.67	ng/L	1		1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	15.1		1.67	1.09	ng/L	1		1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.56	J	3.34	0.84	ng/L	1		1633A	Total/NA
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	3.94		1.67	0.42	ng/L	1		1633A	Total/NA
3-Perfluoropentylpropanoic acid (5:3 FTCA)	3.49	J	8.36	2.34	ng/L	1		1633A	Total/NA

Client Sample ID: DUP_GW_07012025_P — Lab Sample ID: 460-329737-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	12.4		3.38	0.93	ng/L	1		1633A	Total/NA
Perfluoropentanoic acid (PFPeA)	24.6		1.69	0.51	ng/L	1		1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	29.2		1.69	0.42	ng/L	1		1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	11.8		1.69	0.68	ng/L	1		1633A	Total/NA
Perfluorooctanoic acid (PFOA)	29.4		1.69	0.76	ng/L	1		1633A	Total/NA
Perfluorononanoic acid (PFNA)	7.04		1.69	0.42	ng/L	1		1633A	Total/NA
Perfluorodecanoic acid (PFDA)	1.89		1.69	0.42	ng/L	1		1633A	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.59		1.69	0.42	ng/L	1		1633A	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	3.10		1.69	0.68	ng/L	1		1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	17.3		1.69	1.10	ng/L	1		1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.67	J	3.38	0.85	ng/L	1		1633A	Total/NA
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	3.95		1.69	0.42	ng/L	1		1633A	Total/NA
3-Perfluoropentylpropanoic acid (5:3 FTCA)	4.47	J	8.46	2.37	ng/L	1		1633A	Total/NA

Client Sample ID: RXMW-06_P — Lab Sample ID: 460-329737-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	73.6		1.61	0.48	ng/L	1		1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	63.5		1.61	0.40	ng/L	1		1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	23.7		1.61	0.65	ng/L	1		1633A	Total/NA
Perfluorooctanoic acid (PFOA)	73.2		1.61	0.73	ng/L	1		1633A	Total/NA
Perfluorononanoic acid (PFNA)	15.3		1.61	0.40	ng/L	1		1633A	Total/NA
Perfluorodecanoic acid (PFDA)	4.82		1.61	0.40	ng/L	1		1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.84	J	1.61	0.40	ng/L	1		1633A	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	11.3		1.61	0.65	ng/L	1		1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	60.2		1.61	1.05	ng/L	1		1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	11.7		3.23	0.81	ng/L	1		1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.26		3.23	0.81	ng/L	1		1633A	Total/NA
Perfluorooctanesulfonamide (PFOSA)	2.95		1.61	0.40	ng/L	1		1633A	Total/NA
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.44	J	1.61	0.40	ng/L	1		1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: RXMW-06_P (Continued)

Lab Sample ID: 460-329737-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	4.21		1.61	1.13	ng/L	1		1633A	Total/NA
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	3.26	J	8.06	2.02	ng/L	1		1633A	Total/NA

Client Sample ID: RXMW-08_P

Lab Sample ID: 460-329737-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	63.3		1.67	0.50	ng/L	1		1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	57.0		1.67	0.42	ng/L	1		1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	36.8		1.67	0.67	ng/L	1		1633A	Total/NA
Perfluorooctanoic acid (PFOA)	58.7		1.67	0.75	ng/L	1		1633A	Total/NA
Perfluorononanoic acid (PFNA)	12.0		1.67	0.42	ng/L	1		1633A	Total/NA
Perfluorodecanoic acid (PFDA)	2.42		1.67	0.42	ng/L	1		1633A	Total/NA
Perfluorobutanesulfonic acid (PFBS)	6.72		1.67	0.42	ng/L	1		1633A	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	14.0		1.67	0.67	ng/L	1		1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	31.4		1.67	1.08	ng/L	1		1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.64		3.34	0.83	ng/L	1		1633A	Total/NA

Client Sample ID: RXMW_03_P

Lab Sample ID: 460-329737-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	4.89		3.22	0.89	ng/L	1		1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	5.99		1.61	0.40	ng/L	1		1633A	Total/NA
Perfluorooctanoic acid (PFOA)	6.08		1.61	0.72	ng/L	1		1633A	Total/NA
Perfluorononanoic acid (PFNA)	1.00	J	1.61	0.40	ng/L	1		1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.44	J	1.61	0.40	ng/L	1		1633A	Total/NA
Perfluorobutanesulfonic acid (PFBS)	3.60		1.61	0.40	ng/L	1		1633A	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.44	J	1.61	0.64	ng/L	1		1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	3.49		1.61	1.05	ng/L	1		1633A	Total/NA

Client Sample ID: FB_GW_07012025_P

Lab Sample ID: 460-329737-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanesulfonic acid (PFHxS)	1.36	J	1.67	0.67	ng/L	1		1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	3.29		1.67	1.09	ng/L	1		1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-329737-1

Client Sample ID: RXMW-02_P
Date Collected: 07/01/25 10:20
Date Received: 07/01/25 19:20

Lab Sample ID: 460-329737-1
Matrix: Water

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.34	U	3.34	0.92	ng/L		07/09/25 14:58	07/10/25 10:37	1
Perfluoropentanoic acid (PFPeA)	**23.6**		1.67	0.50	ng/L		07/09/25 14:58	07/10/25 10:37	1
Perfluorohexanoic acid (PFHxA)	**27.2**		1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
Perfluoroheptanoic acid (PFHpA)	**14.3**		1.67	0.67	ng/L		07/09/25 14:58	07/10/25 10:37	1
Perfluorooctanoic acid (PFOA)	**28.7**		1.67	0.75	ng/L		07/09/25 14:58	07/10/25 10:37	1
Perfluorononanoic acid (PFNA)	**6.69**		1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
Perfluorodecanoic acid (PFDA)	**2.00**		1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
Perfluoroundecanoic acid (PFUnA)	1.67	U	1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
Perfluorododecanoic acid (PFDoA)	1.67	U	1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
Perfluorotridecanoic acid (PFTrDA)	1.67	U	1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
Perfluorotetradecanoic acid (PFTeDA)	1.67	U	1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
Perfluorobutanesulfonic acid (PFBS)	1.67	U	1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
Perfluoropentanesulfonic acid (PFPeS)	1.67	U	1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
Perfluorohexanesulfonic acid (PFHxS)	**2.57**		1.67	0.67	ng/L		07/09/25 14:58	07/10/25 10:37	1
Perfluoroheptanesulfonic acid (PFHpS)	1.67	U	1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
Perfluorooctanesulfonic acid (PFOS)	**15.1**		1.67	1.09	ng/L		07/09/25 14:58	07/10/25 10:37	1
Perfluorononanesulfonic acid (PFNS)	1.67	U	1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
Perfluorodecanesulfonic acid (PFDS)	1.67	U	1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
Perfluorododecanesulfonic acid (PFDoS)	1.67	U	1.67	0.50	ng/L		07/09/25 14:58	07/10/25 10:37	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.34	U	3.34	0.84	ng/L		07/09/25 14:58	07/10/25 10:37	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**1.56**	**J**	3.34	0.84	ng/L		07/09/25 14:58	07/10/25 10:37	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.34	U	3.34	0.84	ng/L		07/09/25 14:58	07/10/25 10:37	1
Perfluorooctanesulfonamide (PFOSA)	1.67	U	1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.67	U	1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.67	U	1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.67	U	1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	**3.94**		1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.36	U	8.36	2.09	ng/L		07/09/25 14:58	07/10/25 10:37	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.36	U	8.36	3.34	ng/L		07/09/25 14:58	07/10/25 10:37	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.67	U	1.67	1.17	ng/L		07/09/25 14:58	07/10/25 10:37	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.67	U	1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.67	U	1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.67	U	1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.67	U	1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1

Client Sample ID: RXMW-02_P — **Lab Sample ID: 460-329737-1**
Date Collected: 07/01/25 10:20 — **Matrix: Water**
Date Received: 07/01/25 19:20

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.67	U	1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.67	U	1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.67	U	1.67	0.42	ng/L		07/09/25 14:58	07/10/25 10:37	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.34	U	3.34	0.84	ng/L		07/09/25 14:58	07/10/25 10:37	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	**3.49**	**J**	8.36	2.34	ng/L		07/09/25 14:58	07/10/25 10:37	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	8.36	U	8.36	2.09	ng/L		07/09/25 14:58	07/10/25 10:37	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*91.8*		*5 - 130*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
13C5 PFPeA	*95.3*		*40 - 130*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
13C5 PFHxA	*91.2*		*40 - 130*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
13C4 PFHpA	*85.4*		*40 - 130*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
13C8 PFOA	*91.7*		*40 - 130*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
13C9 PFNA	*105*		*40 - 130*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
13C6 PFDA	*85.9*		*40 - 130*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
13C7 PFUnA	*88.2*		*30 - 130*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
13C2 PFTeDA	*65.5*		*10 - 130*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
13C3 PFBS	*105*		*40 - 135*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
13C3 PFHxS	*98.7*		*40 - 130*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
13C8 PFOS	*101*		*40 - 130*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
13C8 FOSA	*86.4*		*40 - 130*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
d3-NMeFOSAA	*81.7*		*40 - 170*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
d5-NEtFOSAA	*83.4*		*25 - 135*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
13C2 4:2 FTS	*105*		*40 - 200*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
13C2 6:2 FTS	*99.1*		*40 - 200*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
13C2 8:2 FTS	*92.0*		*40 - 300*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
13C3 HFPO-DA	*86.1*		*40 - 130*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
d7-N-MeFOSE-M	*49.7*		*10 - 130*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
d9-N-EtFOSE-M	*42.1*		*10 - 130*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
d5-NEtPFOSA	*71.6*		*10 - 130*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
d3-NMePFOSA	*71.1*		*10 - 130*	*07/09/25 14:58*	*07/10/25 10:37*	*1*
13C2 PFDoA	*75.9*		*10 - 130*	*07/09/25 14:58*	*07/10/25 10:37*	*1*

Client Sample ID: DUP_GW_07012025_P — **Lab Sample ID: 460-329737-2**
Date Collected: 07/01/25 10:30 — **Matrix: Water**
Date Received: 07/01/25 19:20

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**12.4**		3.38	0.93	ng/L		07/09/25 14:58	07/10/25 11:18	1
Perfluoropentanoic acid (PFPeA)	**24.6**		1.69	0.51	ng/L		07/09/25 14:58	07/10/25 11:18	1
Perfluorohexanoic acid (PFHxA)	**29.2**		1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
Perfluoroheptanoic acid (PFHpA)	**11.8**		1.69	0.68	ng/L		07/09/25 14:58	07/10/25 11:18	1
Perfluorooctanoic acid (PFOA)	**29.4**		1.69	0.76	ng/L		07/09/25 14:58	07/10/25 11:18	1
Perfluorononanoic acid (PFNA)	**7.04**		1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
Perfluorodecanoic acid (PFDA)	**1.89**		1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1

Client Sample ID: DUP_GW_07012025_P
Lab Sample ID: 460-329737-2
Date Collected: 07/01/25 10:30
Matrix: Water
Date Received: 07/01/25 19:20

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroundecanoic acid (PFUnA)	1.69	U	1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
Perfluorododecanoic acid (PFDoA)	1.69	U	1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
Perfluorotridecanoic acid (PFTrDA)	1.69	U	1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
Perfluorotetradecanoic acid (PFTeDA)	1.69	U	1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
Perfluorobutanesulfonic acid (PFBS)	**2.59**		1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
Perfluoropentanesulfonic acid (PFPeS)	1.69	U	1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
Perfluorohexanesulfonic acid (PFHxS)	**3.10**		1.69	0.68	ng/L		07/09/25 14:58	07/10/25 11:18	1
Perfluoroheptanesulfonic acid (PFHpS)	1.69	U	1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
Perfluorooctanesulfonic acid (PFOS)	**17.3**		1.69	1.10	ng/L		07/09/25 14:58	07/10/25 11:18	1
Perfluorononanesulfonic acid (PFNS)	1.69	U	1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
Perfluorodecanesulfonic acid (PFDS)	1.69	U	1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
Perfluorododecanesulfonic acid (PFDoS)	1.69	U	1.69	0.51	ng/L		07/09/25 14:58	07/10/25 11:18	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.38	U	3.38	0.85	ng/L		07/09/25 14:58	07/10/25 11:18	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**1.67**	**J**	3.38	0.85	ng/L		07/09/25 14:58	07/10/25 11:18	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.38	U	3.38	0.85	ng/L		07/09/25 14:58	07/10/25 11:18	1
Perfluorooctanesulfonamide (PFOSA)	1.69	U	1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.69	U	1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.69	U	1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.69	U	1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	**3.95**		1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.46	U	8.46	2.11	ng/L		07/09/25 14:58	07/10/25 11:18	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.46	U	8.46	3.38	ng/L		07/09/25 14:58	07/10/25 11:18	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.69	U	1.69	1.18	ng/L		07/09/25 14:58	07/10/25 11:18	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.69	U	1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.69	U	1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.69	U	1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.69	U	1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.69	U	1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.69	U	1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.69	U	1.69	0.42	ng/L		07/09/25 14:58	07/10/25 11:18	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.38	U	3.38	0.85	ng/L		07/09/25 14:58	07/10/25 11:18	1

Client Sample ID: DUP_GW_07012025_P

Lab Sample ID: 460-329737-2

Date Collected: 07/01/25 10:30

Matrix: Water

Date Received: 07/01/25 19:20

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropentylpropanoic acid (5:3 FTCA)	**4.47**	**J**	8.46	2.37	ng/L		07/09/25 14:58	07/10/25 11:18	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	8.46	U	8.46	2.11	ng/L		07/09/25 14:58	07/10/25 11:18	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*98.0*		*5 - 130*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
13C5 PFPeA	*106*		*40 - 130*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
13C5 PFHxA	*99.3*		*40 - 130*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
13C4 PFHpA	*95.1*		*40 - 130*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
13C8 PFOA	*95.2*		*40 - 130*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
13C9 PFNA	*101*		*40 - 130*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
13C6 PFDA	*84.1*		*40 - 130*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
13C7 PFUnA	*72.4*		*30 - 130*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
13C2 PFTeDA	*47.1*		*10 - 130*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
13C3 PFBS	*108*		*40 - 135*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
13C3 PFHxS	*109*		*40 - 130*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
13C8 PFOS	*98.5*		*40 - 130*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
13C8 FOSA	*86.5*		*40 - 130*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
d3-NMeFOSAA	*77.8*		*40 - 170*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
d5-NEtFOSAA	*78.4*		*25 - 135*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
13C2 4:2 FTS	*109*		*40 - 200*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
13C2 6:2 FTS	*103*		*40 - 200*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
13C2 8:2 FTS	*87.5*		*40 - 300*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
13C3 HFPO-DA	*89.7*		*40 - 130*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
d7-N-MeFOSE-M	*49.3*		*10 - 130*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
d9-N-EtFOSE-M	*41.5*		*10 - 130*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
d5-NEtPFOSA	*60.4*		*10 - 130*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
d3-NMePFOSA	*64.7*		*10 - 130*	*07/09/25 14:58*	*07/10/25 11:18*	*1*
13C2 PFDoA	*59.0*		*10 - 130*	*07/09/25 14:58*	*07/10/25 11:18*	*1*

Client Sample ID: RXMW-06_P

Lab Sample ID: 460-329737-3

Date Collected: 07/01/25 14:10

Matrix: Water

Date Received: 07/01/25 19:20

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.23	U	3.23	0.89	ng/L		07/03/25 17:27	07/05/25 03:08	1
Perfluoropentanoic acid (PFPeA)	**73.6**		1.61	0.48	ng/L		07/03/25 17:27	07/05/25 03:08	1
Perfluorohexanoic acid (PFHxA)	**63.5**		1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
Perfluoroheptanoic acid (PFHpA)	**23.7**		1.61	0.65	ng/L		07/03/25 17:27	07/05/25 03:08	1
Perfluorooctanoic acid (PFOA)	**73.2**		1.61	0.73	ng/L		07/03/25 17:27	07/05/25 03:08	1
Perfluorononanoic acid (PFNA)	**15.3**		1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
Perfluorodecanoic acid (PFDA)	**4.82**		1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
Perfluoroundecanoic acid (PFUnA)	**0.84**	**J**	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
Perfluorododecanoic acid (PFDoA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
Perfluorotridecanoic acid (PFTrDA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
Perfluorotetradecanoic acid (PFTeDA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
Perfluorobutanesulfonic acid (PFBS)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
Perfluoropentanesulfonic acid (PFPeS)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1

Client Sample ID: RXMW-06_P
Lab Sample ID: 460-329737-3
Date Collected: 07/01/25 14:10
Matrix: Water
Date Received: 07/01/25 19:20

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanesulfonic acid (PFHxS)	**11.3**		1.61	0.65	ng/L		07/03/25 17:27	07/05/25 03:08	1
Perfluoroheptanesulfonic acid (PFHpS)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
Perfluorooctanesulfonic acid (PFOS)	**60.2**		1.61	1.05	ng/L		07/03/25 17:27	07/05/25 03:08	1
Perfluorononanesulfonic acid (PFNS)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
Perfluorodecanesulfonic acid (PFDS)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
Perfluorododecanesulfonic acid (PFDoS)	1.61	U	1.61	0.48	ng/L		07/03/25 17:27	07/05/25 03:08	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.23	U	3.23	0.81	ng/L		07/03/25 17:27	07/05/25 03:08	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**11.7**		3.23	0.81	ng/L		07/03/25 17:27	07/05/25 03:08	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**4.26**		3.23	0.81	ng/L		07/03/25 17:27	07/05/25 03:08	1
Perfluorooctanesulfonamide (PFOSA)	**2.95**		1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	**1.44**	**J**	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.06	U	8.06	2.02	ng/L		07/03/25 17:27	07/05/25 03:08	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.06	U	8.06	3.23	ng/L		07/03/25 17:27	07/05/25 03:08	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	**4.21**		1.61	1.13	ng/L		07/03/25 17:27	07/05/25 03:08	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.61	U *	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:08	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.23	U	3.23	0.81	ng/L		07/03/25 17:27	07/05/25 03:08	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	8.06	U *	8.06	2.26	ng/L		07/03/25 17:27	07/05/25 03:08	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	**3.26**	**J**	8.06	2.02	ng/L		07/03/25 17:27	07/05/25 03:08	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*94.0*		*5 - 130*	*07/03/25 17:27*	*07/05/25 03:08*	*1*
13C5 PFPeA	*87.3*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:08*	*1*

Client Sample ID: RXMW-06_P

Lab Sample ID: 460-329737-3

Date Collected: 07/01/25 14:10

Matrix: Water

Date Received: 07/01/25 19:20

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C5 PFHxA	*94.5*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:08*	*1*
13C4 PFHpA	*138*	*	*40 - 130*	*07/03/25 17:27*	*07/05/25 03:08*	*1*
13C8 PFOA	*104*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:08*	*1*
13C9 PFNA	*105*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:08*	*1*
13C6 PFDA	*104*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:08*	*1*
13C7 PFUnA	*112*		*30 - 130*	*07/03/25 17:27*	*07/05/25 03:08*	*1*
13C2 PFTeDA	*109*		*10 - 130*	*07/03/25 17:27*	*07/05/25 03:08*	*1*
13C3 PFBS	*77.0*		*40 - 135*	*07/03/25 17:27*	*07/05/25 03:08*	*1*
13C3 PFHxS	*118*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:08*	*1*
13C8 PFOS	*123*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:08*	*1*
13C8 FOSA	*131*	*	*40 - 130*	*07/03/25 17:27*	*07/05/25 03:08*	*1*
d3-NMeFOSAA	*86.0*		*40 - 170*	*07/03/25 17:27*	*07/05/25 03:08*	*1*
d5-NEtFOSAA	*110*		*25 - 135*	*07/03/25 17:27*	*07/05/25 03:08*	*1*
13C2 4:2 FTS	*72.1*		*40 - 200*	*07/03/25 17:27*	*07/05/25 03:08*	*1*
13C2 6:2 FTS	*79.8*		*40 - 200*	*07/03/25 17:27*	*07/05/25 03:08*	*1*
13C2 8:2 FTS	*64.7*		*40 - 300*	*07/03/25 17:27*	*07/05/25 03:08*	*1*
13C3 HFPO-DA	*74.9*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:08*	*1*
d7-N-MeFOSE-M	*107*		*10 - 130*	*07/03/25 17:27*	*07/05/25 03:08*	*1*
d9-N-EtFOSE-M	*101*		*10 - 130*	*07/03/25 17:27*	*07/05/25 03:08*	*1*
d5-NEtPFOSA	*88.5*		*10 - 130*	*07/03/25 17:27*	*07/05/25 03:08*	*1*
d3-NMePFOSA	*86.8*		*10 - 130*	*07/03/25 17:27*	*07/05/25 03:08*	*1*
13C2 PFDoA	*133*	*	*10 - 130*	*07/03/25 17:27*	*07/05/25 03:08*	*1*

Client Sample ID: RXMW-08_P

Lab Sample ID: 460-329737-4

Date Collected: 07/01/25 14:25

Matrix: Water

Date Received: 07/01/25 19:20

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.34	U	3.34	0.92	ng/L		07/03/25 17:27	07/05/25 03:23	1
Perfluoropentanoic acid (PFPeA)	**63.3**		1.67	0.50	ng/L		07/03/25 17:27	07/05/25 03:23	1
Perfluorohexanoic acid (PFHxA)	**57.0**		1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
Perfluoroheptanoic acid (PFHpA)	**36.8**		1.67	0.67	ng/L		07/03/25 17:27	07/05/25 03:23	1
Perfluorooctanoic acid (PFOA)	**58.7**		1.67	0.75	ng/L		07/03/25 17:27	07/05/25 03:23	1
Perfluorononanoic acid (PFNA)	**12.0**		1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
Perfluorodecanoic acid (PFDA)	**2.42**		1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
Perfluoroundecanoic acid (PFUnA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
Perfluorododecanoic acid (PFDoA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
Perfluorotridecanoic acid (PFTrDA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
Perfluorotetradecanoic acid (PFTeDA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
Perfluorobutanesulfonic acid (PFBS)	**6.72**		1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
Perfluoropentanesulfonic acid (PFPeS)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
Perfluorohexanesulfonic acid (PFHxS)	**14.0**		1.67	0.67	ng/L		07/03/25 17:27	07/05/25 03:23	1
Perfluoroheptanesulfonic acid (PFHpS)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
Perfluorooctanesulfonic acid (PFOS)	**31.4**		1.67	1.08	ng/L		07/03/25 17:27	07/05/25 03:23	1
Perfluorononanesulfonic acid (PFNS)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329737-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-08_P
Lab Sample ID: 460-329737-4
Date Collected: 07/01/25 14:25
Matrix: Water
Date Received: 07/01/25 19:20

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
Perfluorododecanesulfonic acid (PFDoS)	1.67	U	1.67	0.50	ng/L		07/03/25 17:27	07/05/25 03:23	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.34	U	3.34	0.83	ng/L		07/03/25 17:27	07/05/25 03:23	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**3.64**		3.34	0.83	ng/L		07/03/25 17:27	07/05/25 03:23	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.34	U	3.34	0.83	ng/L		07/03/25 17:27	07/05/25 03:23	1
Perfluorooctanesulfonamide (PFOSA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.34	U	8.34	2.09	ng/L		07/03/25 17:27	07/05/25 03:23	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.34	U	8.34	3.34	ng/L		07/03/25 17:27	07/05/25 03:23	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.67	U	1.67	1.17	ng/L		07/03/25 17:27	07/05/25 03:23	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.67	U *	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:23	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.34	U	3.34	0.83	ng/L		07/03/25 17:27	07/05/25 03:23	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	8.34	U *	8.34	2.34	ng/L		07/03/25 17:27	07/05/25 03:23	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	8.34	U	8.34	2.09	ng/L		07/03/25 17:27	07/05/25 03:23	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*85.9*		*5 - 130*	*07/03/25 17:27*	*07/05/25 03:23*	*1*
13C5 PFPeA	*80.3*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:23*	*1*
13C5 PFHxA	*89.0*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:23*	*1*
13C4 PFHpA	*120*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:23*	*1*
13C8 PFOA	*97.6*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:23*	*1*
13C9 PFNA	*105*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:23*	*1*
13C6 PFDA	*106*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:23*	*1*
13C7 PFUnA	*99.7*		*30 - 130*	*07/03/25 17:27*	*07/05/25 03:23*	*1*
13C2 PFTeDA	*80.1*		*10 - 130*	*07/03/25 17:27*	*07/05/25 03:23*	*1*

Client Sample ID: RXMW-08_P

Lab Sample ID: 460-329737-4

Date Collected: 07/01/25 14:25

Matrix: Water

Date Received: 07/01/25 19:20

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFBS	*74.0*		*40 - 135*	*07/03/25 17:27*	*07/05/25 03:23*	*1*
13C3 PFHxS	*101*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:23*	*1*
13C8 PFOS	*121*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:23*	*1*
13C8 FOSA	*88.1*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:23*	*1*
d3-NMeFOSAA	*99.0*		*40 - 170*	*07/03/25 17:27*	*07/05/25 03:23*	*1*
d5-NEtFOSAA	*110*		*25 - 135*	*07/03/25 17:27*	*07/05/25 03:23*	*1*
13C2 4:2 FTS	*68.8*		*40 - 200*	*07/03/25 17:27*	*07/05/25 03:23*	*1*
13C2 6:2 FTS	*96.9*		*40 - 200*	*07/03/25 17:27*	*07/05/25 03:23*	*1*
13C2 8:2 FTS	*71.3*		*40 - 300*	*07/03/25 17:27*	*07/05/25 03:23*	*1*
13C3 HFPO-DA	*67.6*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:23*	*1*
d7-N-MeFOSE-M	*95.6*		*10 - 130*	*07/03/25 17:27*	*07/05/25 03:23*	*1*
d9-N-EtFOSE-M	*87.3*		*10 - 130*	*07/03/25 17:27*	*07/05/25 03:23*	*1*
d5-NEtPFOSA	*76.1*		*10 - 130*	*07/03/25 17:27*	*07/05/25 03:23*	*1*
d3-NMePFOSA	*77.4*		*10 - 130*	*07/03/25 17:27*	*07/05/25 03:23*	*1*
13C2 PFDoA	*105*		*10 - 130*	*07/03/25 17:27*	*07/05/25 03:23*	*1*

Client Sample ID: RXMW_03_P

Lab Sample ID: 460-329737-5

Date Collected: 07/01/25 12:08

Matrix: Water

Date Received: 07/01/25 19:20

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**4.89**		3.22	0.89	ng/L		07/03/25 17:27	07/05/25 03:37	1
Perfluoropentanoic acid (PFPeA)	1.61	U	1.61	0.48	ng/L		07/03/25 17:27	07/05/25 03:37	1
Perfluorohexanoic acid (PFHxA)	**5.99**		1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
Perfluoroheptanoic acid (PFHpA)	1.61	U	1.61	0.64	ng/L		07/03/25 17:27	07/05/25 03:37	1
Perfluorooctanoic acid (PFOA)	**6.08**		1.61	0.72	ng/L		07/03/25 17:27	07/05/25 03:37	1
Perfluorononanoic acid (PFNA)	**1.00**	**J**	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
Perfluorodecanoic acid (PFDA)	**0.44**	**J**	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
Perfluoroundecanoic acid (PFUnA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
Perfluorododecanoic acid (PFDoA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
Perfluorotridecanoic acid (PFTrDA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
Perfluorotetradecanoic acid (PFTeDA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
Perfluorobutanesulfonic acid (PFBS)	**3.60**		1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
Perfluoropentanesulfonic acid (PFPeS)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
Perfluorohexanesulfonic acid (PFHxS)	**1.44**	**J**	1.61	0.64	ng/L		07/03/25 17:27	07/05/25 03:37	1
Perfluoroheptanesulfonic acid (PFHpS)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
Perfluorooctanesulfonic acid (PFOS)	**3.49**		1.61	1.05	ng/L		07/03/25 17:27	07/05/25 03:37	1
Perfluorononanesulfonic acid (PFNS)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
Perfluorodecanesulfonic acid (PFDS)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
Perfluorododecanesulfonic acid (PFDoS)	1.61	U	1.61	0.48	ng/L		07/03/25 17:27	07/05/25 03:37	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.22	U	3.22	0.81	ng/L		07/03/25 17:27	07/05/25 03:37	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.22	U	3.22	0.81	ng/L		07/03/25 17:27	07/05/25 03:37	1

Client Sample ID: RXMW_03_P
Lab Sample ID: 460-329737-5
Date Collected: 07/01/25 12:08
Matrix: Water
Date Received: 07/01/25 19:20

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.22	U	3.22	0.81	ng/L		07/03/25 17:27	07/05/25 03:37	1
Perfluorooctanesulfonamide (PFOSA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.05	U	8.05	2.01	ng/L		07/03/25 17:27	07/05/25 03:37	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.05	U	8.05	3.22	ng/L		07/03/25 17:27	07/05/25 03:37	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.61	U	1.61	1.13	ng/L		07/03/25 17:27	07/05/25 03:37	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.61	U *	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.61	U	1.61	0.40	ng/L		07/03/25 17:27	07/05/25 03:37	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.22	U	3.22	0.81	ng/L		07/03/25 17:27	07/05/25 03:37	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	8.05	U *	8.05	2.26	ng/L		07/03/25 17:27	07/05/25 03:37	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	8.05	U	8.05	2.01	ng/L		07/03/25 17:27	07/05/25 03:37	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*94.3*		*5 - 130*	*07/03/25 17:27*	*07/05/25 03:37*	*1*
13C5 PFPeA	*105*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:37*	*1*
13C5 PFHxA	*97.6*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:37*	*1*
13C4 PFHpA	*112*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:37*	*1*
13C8 PFOA	*104*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:37*	*1*
13C9 PFNA	*107*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:37*	*1*
13C6 PFDA	*102*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:37*	*1*
13C7 PFUnA	*102*		*30 - 130*	*07/03/25 17:27*	*07/05/25 03:37*	*1*
13C2 PFTeDA	*94.1*		*10 - 130*	*07/03/25 17:27*	*07/05/25 03:37*	*1*
13C3 PFBS	*85.8*		*40 - 135*	*07/03/25 17:27*	*07/05/25 03:37*	*1*
13C3 PFHxS	*101*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:37*	*1*
13C8 PFOS	*123*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:37*	*1*
13C8 FOSA	*83.9*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:37*	*1*
d3-NMeFOSAA	*105*		*40 - 170*	*07/03/25 17:27*	*07/05/25 03:37*	*1*
d5-NEtFOSAA	*105*		*25 - 135*	*07/03/25 17:27*	*07/05/25 03:37*	*1*
13C2 4:2 FTS	*97.0*		*40 - 200*	*07/03/25 17:27*	*07/05/25 03:37*	*1*

Client Sample ID: RXMW_03_P

Lab Sample ID: 460-329737-5

Date Collected: 07/01/25 12:08

Matrix: Water

Date Received: 07/01/25 19:20

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 6:2 FTS	99.8		40 - 200	07/03/25 17:27	07/05/25 03:37	1
13C2 8:2 FTS	75.0		40 - 300	07/03/25 17:27	07/05/25 03:37	1
13C3 HFPO-DA	71.7		40 - 130	07/03/25 17:27	07/05/25 03:37	1
d7-N-MeFOSE-M	107		10 - 130	07/03/25 17:27	07/05/25 03:37	1
d9-N-EtFOSE-M	98.1		10 - 130	07/03/25 17:27	07/05/25 03:37	1
d5-NEtPFOSA	84.9		10 - 130	07/03/25 17:27	07/05/25 03:37	1
d3-NMePFOSA	83.0		10 - 130	07/03/25 17:27	07/05/25 03:37	1
13C2 PFDoA	112		10 - 130	07/03/25 17:27	07/05/25 03:37	1

Client Sample ID: FB_GW_07012025_P

Lab Sample ID: 460-329737-6

Date Collected: 07/01/25 15:05

Matrix: Water

Date Received: 07/01/25 19:20

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.35	U	3.35	0.92	ng/L		07/03/25 17:27	07/05/25 03:51	1
Perfluoropentanoic acid (PFPeA)	1.67	U	1.67	0.50	ng/L		07/03/25 17:27	07/05/25 03:51	1
Perfluorohexanoic acid (PFHxA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
Perfluoroheptanoic acid (PFHpA)	1.67	U	1.67	0.67	ng/L		07/03/25 17:27	07/05/25 03:51	1
Perfluorooctanoic acid (PFOA)	1.67	U	1.67	0.75	ng/L		07/03/25 17:27	07/05/25 03:51	1
Perfluorononanoic acid (PFNA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
Perfluorodecanoic acid (PFDA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
Perfluoroundecanoic acid (PFUnA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
Perfluorododecanoic acid (PFDoA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
Perfluorotridecanoic acid (PFTrDA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
Perfluorotetradecanoic acid (PFTeDA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
Perfluorobutanesulfonic acid (PFBS)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
Perfluoropentanesulfonic acid (PFPeS)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
Perfluorohexanesulfonic acid (PFHxS)	**1.36**	**J**	1.67	0.67	ng/L		07/03/25 17:27	07/05/25 03:51	1
Perfluoroheptanesulfonic acid (PFHpS)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
Perfluorooctanesulfonic acid (PFOS)	**3.29**		1.67	1.09	ng/L		07/03/25 17:27	07/05/25 03:51	1
Perfluorononanesulfonic acid (PFNS)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
Perfluorodecanesulfonic acid (PFDS)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
Perfluorododecanesulfonic acid (PFDoS)	1.67	U	1.67	0.50	ng/L		07/03/25 17:27	07/05/25 03:51	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.35	U	3.35	0.84	ng/L		07/03/25 17:27	07/05/25 03:51	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.35	U	3.35	0.84	ng/L		07/03/25 17:27	07/05/25 03:51	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.35	U	3.35	0.84	ng/L		07/03/25 17:27	07/05/25 03:51	1
Perfluorooctanesulfonamide (PFOSA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329737-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: FB_GW_07012025_P
Lab Sample ID: 460-329737-6
Date Collected: 07/01/25 15:05
Matrix: Water
Date Received: 07/01/25 19:20

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.37	U	8.37	2.09	ng/L		07/03/25 17:27	07/05/25 03:51	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.37	U	8.37	3.35	ng/L		07/03/25 17:27	07/05/25 03:51	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.67	U	1.67	1.17	ng/L		07/03/25 17:27	07/05/25 03:51	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.67	U *	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.67	U	1.67	0.42	ng/L		07/03/25 17:27	07/05/25 03:51	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.35	U	3.35	0.84	ng/L		07/03/25 17:27	07/05/25 03:51	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	8.37	U *	8.37	2.34	ng/L		07/03/25 17:27	07/05/25 03:51	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	8.37	U	8.37	2.09	ng/L		07/03/25 17:27	07/05/25 03:51	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*101*		*5 - 130*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
13C5 PFPeA	*97.4*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
13C5 PFHxA	*99.9*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
13C4 PFHpA	*102*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
13C8 PFOA	*104*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
13C9 PFNA	*106*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
13C6 PFDA	*103*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
13C7 PFUnA	*107*		*30 - 130*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
13C2 PFTeDA	*103*		*10 - 130*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
13C3 PFBS	*88.1*		*40 - 135*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
13C3 PFHxS	*96.6*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
13C8 PFOS	*113*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
13C8 FOSA	*83.1*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
d3-NMeFOSAA	*88.4*		*40 - 170*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
d5-NEtFOSAA	*88.7*		*25 - 135*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
13C2 4:2 FTS	*88.5*		*40 - 200*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
13C2 6:2 FTS	*97.8*		*40 - 200*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
13C2 8:2 FTS	*77.0*		*40 - 300*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
13C3 HFPO-DA	*82.7*		*40 - 130*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
d7-N-MeFOSE-M	*99.8*		*10 - 130*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
d9-N-EtFOSE-M	*95.2*		*10 - 130*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
d5-NEtPFOSA	*69.0*		*10 - 130*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
d3-NMePFOSA	*64.7*		*10 - 130*	*07/03/25 17:27*	*07/05/25 03:51*	*1*
13C2 PFDoA	*114*		*10 - 130*	*07/03/25 17:27*	*07/05/25 03:51*	*1*

Isotope Dilution Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329737-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(5-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(30-130)
460-329737-1	RXMW-02_P	91.8	95.3	91.2	85.4	91.7	105	85.9	88.2
460-329737-1 MS	RXMW-02_P	88.3	89.3	85.8	88.5	93.0	101	92.1	82.5
460-329737-1 MSD	RXMW-02_P	107	107	104	99.6	98.0	109	101	91.8
460-329737-2	DUP_GW_07012025_P	98.0	106	99.3	95.1	95.2	101	84.1	72.4
460-329737-3	RXMW-06_P	94.0	87.3	94.5	138 *	104	105	104	112
460-329737-4	RXMW-08_P	85.9	80.3	89.0	120	97.6	105	106	99.7
460-329737-5	RXMW_03_P	94.3	105	97.6	112	104	107	102	102
460-329737-6	FB_GW_07012025_P	101	97.4	99.9	102	104	106	103	107
LCS 410-666951/9-A	Lab Control Sample	94.3	92.0	92.0	99.4	90.8	98.7	94.1	99.9
LCS 410-668966/1-A	Lab Control Sample	93.9	98.6	97.9	84.1	90.7	99.8	85.9	87.4
LLCS 410-666951/10-A	Lab Control Sample	96.2	93.8	95.8	101	102	106	95.0	103
LLCS 410-668966/2-A	Lab Control Sample	103	106	106	99.6	103	117	90.5	99.3
MB 410-666951/8-A	Method Blank	100	93.3	97.3	93.3	84.9	87.8	85.1	87.4
MB 410-668966/11-A	Method Blank	123	129	119	109	103	109	94.2	91.6

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(10-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-170)	(25-135)	(40-200)
460-329737-1	RXMW-02_P	65.5	105	98.7	101	86.4	81.7	83.4	105
460-329737-1 MS	RXMW-02_P	58.8	107	100	98.2	87.4	80.1	83.9	98.2
460-329737-1 MSD	RXMW-02_P	69.0	117	112	108	94.9	88.5	88.9	112
460-329737-2	DUP_GW_07012025_P	47.1	108	109	98.5	86.5	77.8	78.4	109
460-329737-3	RXMW-06_P	109	77.0	118	123	131 *	86.0	110	72.1
460-329737-4	RXMW-08_P	80.1	74.0	101	121	88.1	99.0	110	68.8
460-329737-5	RXMW_03_P	94.1	85.8	101	123	83.9	105	105	97.0
460-329737-6	FB_GW_07012025_P	103	88.1	96.6	113	83.1	88.4	88.7	88.5
LCS 410-666951/9-A	Lab Control Sample	77.3	85.8	98.9	108	77.2	94.7	92.3	93.4
LCS 410-668966/1-A	Lab Control Sample	67.9	93.7	93.1	93.7	79.3	77.4	73.1	94.1
LLCS 410-666951/10-A	Lab Control Sample	81.0	88.1	101	112	86.8	103	98.5	90.5
LLCS 410-668966/2-A	Lab Control Sample	71.9	107	104	103	88.4	92.0	89.2	108
MB 410-666951/8-A	Method Blank	74.2	74.9	85.3	92.7	80.8	86.1	81.4	103
MB 410-668966/11-A	Method Blank	74.6	105	98.1	101	99.6	90.3	86.4	123

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-200)	(40-300)	(40-130)	(10-130)	(10-130)	(10-130)	(10-130)	(10-130)
460-329737-1	RXMW-02_P	99.1	92.0	86.1	49.7	42.1	71.6	71.1	75.9
460-329737-1 MS	RXMW-02_P	101	87.9	81.5	67.1	58.8	74.7	72.7	76.1
460-329737-1 MSD	RXMW-02_P	113	93.3	95.4	67.2	68.4	77.7	81.1	74.5
460-329737-2	DUP_GW_07012025_P	103	87.5	89.7	49.3	41.5	60.4	64.7	59.0
460-329737-3	RXMW-06_P	79.8	64.7	74.9	107	101	88.5	86.8	133 *
460-329737-4	RXMW-08_P	96.9	71.3	67.6	95.6	87.3	76.1	77.4	105
460-329737-5	RXMW_03_P	99.8	75.0	71.7	107	98.1	84.9	83.0	112
460-329737-6	FB_GW_07012025_P	97.8	77.0	82.7	99.8	95.2	69.0	64.7	114
LCS 410-666951/9-A	Lab Control Sample	96.7	74.8	75.5	92.0	89.5	69.7	64.6	103
LCS 410-668966/1-A	Lab Control Sample	95.1	84.6	91.0	60.4	53.6	62.7	63.3	76.6
LLCS 410-666951/10-A	Lab Control Sample	94.1	78.8	80.4	84.5	75.3	73.4	68.8	108
LLCS 410-668966/2-A	Lab Control Sample	107	95.6	96.1	83.0	72.7	79.6	80.0	84.5
MB 410-666951/8-A	Method Blank	81.0	65.9	75.9	86.2	76.7	67.3	60.2	91.8
MB 410-668966/11-A	Method Blank	110	93.3	119	75.6	70.8	82.8	84.2	78.8

Isotope Dilution Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329737-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-329737-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-666951/8-A
Matrix: Water
Analysis Batch: 667156

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 666951

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.00	U	4.00	1.10	ng/L		07/03/25 17:27	07/05/25 01:16	1
Perfluoropentanoic acid (PFPeA)	2.00	U	2.00	0.60	ng/L		07/03/25 17:27	07/05/25 01:16	1
Perfluorohexanoic acid (PFHxA)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
Perfluoroheptanoic acid (PFHpA)	2.00	U	2.00	0.80	ng/L		07/03/25 17:27	07/05/25 01:16	1
Perfluorooctanoic acid (PFOA)	2.00	U	2.00	0.90	ng/L		07/03/25 17:27	07/05/25 01:16	1
Perfluorononanoic acid (PFNA)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
Perfluorodecanoic acid (PFDA)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
Perfluoroundecanoic acid (PFUnA)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
Perfluorododecanoic acid (PFDoA)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
Perfluorotridecanoic acid (PFTrDA)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
Perfluorotetradecanoic acid (PFTeDA)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
Perfluorobutanesulfonic acid (PFBS)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
Perfluoropentanesulfonic acid (PFPeS)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
Perfluorohexanesulfonic acid (PFHxS)	2.00	U	2.00	0.80	ng/L		07/03/25 17:27	07/05/25 01:16	1
Perfluoroheptanesulfonic acid (PFHpS)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
Perfluorooctanesulfonic acid (PFOS)	2.00	U	2.00	1.30	ng/L		07/03/25 17:27	07/05/25 01:16	1
Perfluorononanesulfonic acid (PFNS)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
Perfluorodecanesulfonic acid (PFDS)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
Perfluorododecanesulfonic acid (PFDoS)	2.00	U	2.00	0.60	ng/L		07/03/25 17:27	07/05/25 01:16	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.00	U	4.00	1.00	ng/L		07/03/25 17:27	07/05/25 01:16	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.00	U	4.00	1.00	ng/L		07/03/25 17:27	07/05/25 01:16	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.00	U	4.00	1.00	ng/L		07/03/25 17:27	07/05/25 01:16	1
Perfluorooctanesulfonamide (PFOSA)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	10.0	U	10.0	2.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	10.0	U	10.0	4.00	ng/L		07/03/25 17:27	07/05/25 01:16	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	U	2.00	1.40	ng/L		07/03/25 17:27	07/05/25 01:16	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-666951/8-A
Matrix: Water
Analysis Batch: 667156

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 666951

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.00	U	2.00	0.50	ng/L		07/03/25 17:27	07/05/25 01:16	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	4.00	U	4.00	1.00	ng/L		07/03/25 17:27	07/05/25 01:16	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	10.0	U	10.0	2.80	ng/L		07/03/25 17:27	07/05/25 01:16	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	10.0	U	10.0	2.50	ng/L		07/03/25 17:27	07/05/25 01:16	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*100*		*5 - 130*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
13C5 PFPeA	*93.3*		*40 - 130*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
13C5 PFHxA	*97.3*		*40 - 130*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
13C4 PFHpA	*93.3*		*40 - 130*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
13C8 PFOA	*84.9*		*40 - 130*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
13C9 PFNA	*87.8*		*40 - 130*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
13C6 PFDA	*85.1*		*40 - 130*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
13C7 PFUnA	*87.4*		*30 - 130*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
13C2 PFTeDA	*74.2*		*10 - 130*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
13C3 PFBS	*74.9*		*40 - 135*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
13C3 PFHxS	*85.3*		*40 - 130*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
13C8 PFOS	*92.7*		*40 - 130*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
13C8 FOSA	*80.8*		*40 - 130*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
d3-NMeFOSAA	*86.1*		*40 - 170*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
d5-NEtFOSAA	*81.4*		*25 - 135*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
13C2 4:2 FTS	*103*		*40 - 200*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
13C2 6:2 FTS	*81.0*		*40 - 200*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
13C2 8:2 FTS	*65.9*		*40 - 300*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
13C3 HFPO-DA	*75.9*		*40 - 130*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
d7-N-MeFOSE-M	*86.2*		*10 - 130*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
d9-N-EtFOSE-M	*76.7*		*10 - 130*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
d5-NEtPFOSA	*67.3*		*10 - 130*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
d3-NMePFOSA	*60.2*		*10 - 130*	*07/03/25 17:27*	*07/05/25 01:16*	*1*
13C2 PFDoA	*91.8*		*10 - 130*	*07/03/25 17:27*	*07/05/25 01:16*	*1*

Lab Sample ID: LCS 410-666951/9-A
Matrix: Water
Analysis Batch: 667156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 666951

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	80.0	66.05		ng/L		83	70 - 140
Perfluoropentanoic acid (PFPeA)	40.0	29.11		ng/L		73	65 - 135
Perfluorohexanoic acid (PFHxA)	40.0	30.31		ng/L		76	70 - 145
Perfluoroheptanoic acid (PFHpA)	40.0	33.27		ng/L		83	70 - 150
Perfluorooctanoic acid (PFOA)	40.0	31.43		ng/L		79	70 - 150
Perfluorononanoic acid (PFNA)	40.0	33.02		ng/L		83	70 - 150
Perfluorodecanoic acid (PFDA)	40.0	32.30		ng/L		81	70 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-666951/9-A
Matrix: Water
Analysis Batch: 667156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 666951

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	40.0	34.02		ng/L		85	70 - 145
Perfluorododecanoic acid (PFDoA)	40.0	35.32		ng/L		88	70 - 140
Perfluorotridecanoic acid (PFTrDA)	40.0	40.37		ng/L		101	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	40.0	37.56		ng/L		94	60 - 140
Perfluorobutanesulfonic acid (PFBS)	35.5	25.79		ng/L		73	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	37.6	30.29		ng/L		81	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	36.5	31.54		ng/L		86	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	38.2	29.47		ng/L		77	70 - 150
Perfluorooctanesulfonic acid (PFOS)	37.2	26.81		ng/L		72	55 - 150
Perfluorononanesulfonic acid (PFNS)	38.5	25.99		ng/L		68	65 - 145
Perfluorodecanesulfonic acid (PFDS)	38.6	31.94		ng/L		83	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	38.8	24.84		ng/L		64	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	60.42		ng/L		81	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	62.61		ng/L		82	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	78.48		ng/L		102	60 - 150
Perfluorooctanesulfonamide (PFOSA)	40.0	39.33		ng/L		98	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	35.87		ng/L		90	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	33.94		ng/L		85	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	35.13		ng/L		88	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	35.06		ng/L		88	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	171.8		ng/L		86	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	164.3		ng/L		82	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.0	25.40		ng/L		85	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	41.96		ng/L		111	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	38.18		ng/L		95	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	30.27		ng/L		76	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	40.0	32.31		ng/L		81	50 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-666951/9-A
Matrix: Water
Analysis Batch: 667156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 666951

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	37.4	23.09	*	ng/L		62	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	37.8	30.96		ng/L		82	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	35.7	26.77		ng/L		75	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	80.0	71.86		ng/L		90	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	200	137.6	*	ng/L		69	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	200	143.6		ng/L		72	50 - 145

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*94.3*		*5 - 130*
13C5 PFPeA	*92.0*		*40 - 130*
13C5 PFHxA	*92.0*		*40 - 130*
13C4 PFHpA	*99.4*		*40 - 130*
13C8 PFOA	*90.8*		*40 - 130*
13C9 PFNA	*98.7*		*40 - 130*
13C6 PFDA	*94.1*		*40 - 130*
13C7 PFUnA	*99.9*		*30 - 130*
13C2 PFTeDA	*77.3*		*10 - 130*
13C3 PFBS	*85.8*		*40 - 135*
13C3 PFHxS	*98.9*		*40 - 130*
13C8 PFOS	*108*		*40 - 130*
13C8 FOSA	*77.2*		*40 - 130*
d3-NMeFOSAA	*94.7*		*40 - 170*
d5-NEtFOSAA	*92.3*		*25 - 135*
13C2 4:2 FTS	*93.4*		*40 - 200*
13C2 6:2 FTS	*96.7*		*40 - 200*
13C2 8:2 FTS	*74.8*		*40 - 300*
13C3 HFPO-DA	*75.5*		*40 - 130*
d7-N-MeFOSE-M	*92.0*		*10 - 130*
d9-N-EtFOSE-M	*89.5*		*10 - 130*
d5-NEtPFOSA	*69.7*		*10 - 130*
d3-NMePFOSA	*64.6*		*10 - 130*
13C2 PFDoA	*103*		*10 - 130*

Lab Sample ID: LLCS 410-666951/10-A
Matrix: Water
Analysis Batch: 667156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 666951

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	8.00	7.791		ng/L		97	70 - 140
Perfluoropentanoic acid (PFPeA)	4.00	3.572		ng/L		89	65 - 135
Perfluorohexanoic acid (PFHxA)	4.00	3.664		ng/L		92	70 - 145
Perfluoroheptanoic acid (PFHpA)	4.00	3.894		ng/L		97	70 - 150
Perfluorooctanoic acid (PFOA)	4.00	4.081		ng/L		102	70 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-666951/10-A
Matrix: Water
Analysis Batch: 667156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 666951

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanoic acid (PFNA)	4.00	4.083		ng/L		102	70 - 150
Perfluorodecanoic acid (PFDA)	4.00	3.823		ng/L		96	70 - 140
Perfluoroundecanoic acid (PFUnA)	4.00	3.888		ng/L		97	70 - 145
Perfluorododecanoic acid (PFDoA)	4.00	4.025		ng/L		101	70 - 140
Perfluorotridecanoic acid (PFTrDA)	4.00	4.477		ng/L		112	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	4.00	4.566		ng/L		114	60 - 140
Perfluorobutanesulfonic acid (PFBS)	3.55	2.825		ng/L		80	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	3.76	3.650		ng/L		97	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	3.65	3.875		ng/L		106	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	3.82	3.717		ng/L		97	70 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	3.391		ng/L		91	55 - 150
Perfluorononanesulfonic acid (PFNS)	3.85	2.831		ng/L		74	65 - 145
Perfluorodecanesulfonic acid (PFDS)	3.86	3.615		ng/L		94	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	3.88	3.014		ng/L		78	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	7.50	7.418		ng/L		99	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	7.62	7.268		ng/L		95	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	7.68	8.417		ng/L		110	60 - 150
Perfluorooctanesulfonamide (PFOSA)	4.00	4.472		ng/L		112	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	4.00	4.357		ng/L		109	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	4.00	3.593		ng/L		90	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.00	4.133		ng/L		103	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.00	3.797		ng/L		95	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	18.59		ng/L		93	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	20.03		ng/L		100	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	3.00	2.846		ng/L		95	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	3.78	4.479		ng/L		118	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.00	4.447		ng/L		111	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.00	3.452		ng/L		86	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-666951/10-A
Matrix: Water
Analysis Batch: 667156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 666951

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.00	3.571		ng/L		89	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	3.74	2.524	*	ng/L		68	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	3.78	3.533		ng/L		94	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	3.57	3.141		ng/L		88	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	8.00	8.670		ng/L		108	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	20.0	17.26		ng/L		86	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	20.0	16.48		ng/L		82	50 - 145

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*96.2*		*5 - 130*
13C5 PFPeA	*93.8*		*40 - 130*
13C5 PFHxA	*95.8*		*40 - 130*
13C4 PFHpA	*101*		*40 - 130*
13C8 PFOA	*102*		*40 - 130*
13C9 PFNA	*106*		*40 - 130*
13C6 PFDA	*95.0*		*40 - 130*
13C7 PFUnA	*103*		*30 - 130*
13C2 PFTeDA	*81.0*		*10 - 130*
13C3 PFBS	*88.1*		*40 - 135*
13C3 PFHxS	*101*		*40 - 130*
13C8 PFOS	*112*		*40 - 130*
13C8 FOSA	*86.8*		*40 - 130*
d3-NMeFOSAA	*103*		*40 - 170*
d5-NEtFOSAA	*98.5*		*25 - 135*
13C2 4:2 FTS	*90.5*		*40 - 200*
13C2 6:2 FTS	*94.1*		*40 - 200*
13C2 8:2 FTS	*78.8*		*40 - 300*
13C3 HFPO-DA	*80.4*		*40 - 130*
d7-N-MeFOSE-M	*84.5*		*10 - 130*
d9-N-EtFOSE-M	*75.3*		*10 - 130*
d5-NEtPFOSA	*73.4*		*10 - 130*
d3-NMePFOSA	*68.8*		*10 - 130*
13C2 PFDoA	*108*		*10 - 130*

Lab Sample ID: MB 410-668966/11-A
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 668966

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.00	U	4.00	1.10	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluoropentanoic acid (PFPeA)	2.00	U	2.00	0.60	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorohexanoic acid (PFHxA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-668966/11-A
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 668966

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	2.00	U	2.00	0.80	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorooctanoic acid (PFOA)	2.00	U	2.00	0.90	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorononanoic acid (PFNA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorodecanoic acid (PFDA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluoroundecanoic acid (PFUnA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorododecanoic acid (PFDoA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorotridecanoic acid (PFTrDA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorotetradecanoic acid (PFTeDA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorobutanesulfonic acid (PFBS)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluoropentanesulfonic acid (PFPeS)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorohexanesulfonic acid (PFHxS)	2.00	U	2.00	0.80	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluoroheptanesulfonic acid (PFHpS)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorooctanesulfonic acid (PFOS)	2.00	U	2.00	1.30	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorononanesulfonic acid (PFNS)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorodecanesulfonic acid (PFDS)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorododecanesulfonic acid (PFDoS)	2.00	U	2.00	0.60	ng/L		07/09/25 14:58	07/10/25 09:29	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.00	U	4.00	1.00	ng/L		07/09/25 14:58	07/10/25 09:29	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.00	U	4.00	1.00	ng/L		07/09/25 14:58	07/10/25 09:29	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.00	U	4.00	1.00	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorooctanesulfonamide (PFOSA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	10.0	U	10.0	2.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	10.0	U	10.0	4.00	ng/L		07/09/25 14:58	07/10/25 09:29	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	U	2.00	1.40	ng/L		07/09/25 14:58	07/10/25 09:29	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-668966/11-A
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 668966

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	4.00	U	4.00	1.00	ng/L		07/09/25 14:58	07/10/25 09:29	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	10.0	U	10.0	2.80	ng/L		07/09/25 14:58	07/10/25 09:29	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	10.0	U	10.0	2.50	ng/L		07/09/25 14:58	07/10/25 09:29	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*123*		*5 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C5 PFPeA	*129*		*40 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C5 PFHxA	*119*		*40 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C4 PFHpA	*109*		*40 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C8 PFOA	*103*		*40 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C9 PFNA	*109*		*40 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C6 PFDA	*94.2*		*40 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C7 PFUnA	*91.6*		*30 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C2 PFTeDA	*74.6*		*10 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C3 PFBS	*105*		*40 - 135*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C3 PFHxS	*98.1*		*40 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C8 PFOS	*101*		*40 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C8 FOSA	*99.6*		*40 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
d3-NMeFOSAA	*90.3*		*40 - 170*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
d5-NEtFOSAA	*86.4*		*25 - 135*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C2 4:2 FTS	*123*		*40 - 200*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C2 6:2 FTS	*110*		*40 - 200*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C2 8:2 FTS	*93.3*		*40 - 300*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C3 HFPO-DA	*119*		*40 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
d7-N-MeFOSE-M	*75.6*		*10 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
d9-N-EtFOSE-M	*70.8*		*10 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
d5-NEtPFOSA	*82.8*		*10 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
d3-NMePFOSA	*84.2*		*10 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C2 PFDoA	*78.8*		*10 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*

Lab Sample ID: LCS 410-668966/1-A
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 668966

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	80.0	73.15		ng/L		91	70 - 140
Perfluoropentanoic acid (PFPeA)	40.0	36.31		ng/L		91	65 - 135
Perfluorohexanoic acid (PFHxA)	40.0	35.09		ng/L		88	70 - 145
Perfluoroheptanoic acid (PFHpA)	40.0	40.19		ng/L		100	70 - 150
Perfluorooctanoic acid (PFOA)	40.0	35.34		ng/L		88	70 - 150
Perfluorononanoic acid (PFNA)	40.0	33.17		ng/L		83	70 - 150
Perfluorodecanoic acid (PFDA)	40.0	36.59		ng/L		91	70 - 140
Perfluoroundecanoic acid (PFUnA)	40.0	39.06		ng/L		98	70 - 145
Perfluorododecanoic acid (PFDoA)	40.0	36.24		ng/L		91	70 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-668966/1-A
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 668966

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorotridecanoic acid (PFTrDA)	40.0	35.41		ng/L		89	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	40.0	37.73		ng/L		94	60 - 140
Perfluorobutanesulfonic acid (PFBS)	35.5	32.87		ng/L		93	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	37.6	37.92		ng/L		101	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	36.5	31.80		ng/L		87	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	38.2	34.90		ng/L		91	70 - 150
Perfluorooctanesulfonic acid (PFOS)	37.2	32.51		ng/L		87	55 - 150
Perfluorononanesulfonic acid (PFNS)	38.5	33.13		ng/L		86	65 - 145
Perfluorodecanesulfonic acid (PFDS)	38.6	33.25		ng/L		86	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	38.8	28.63		ng/L		74	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	70.14		ng/L		93	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	70.29		ng/L		92	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	72.19		ng/L		94	60 - 150
Perfluorooctanesulfonamide (PFOSA)	40.0	41.61		ng/L		104	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	42.96		ng/L		107	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	40.53		ng/L		101	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	39.36		ng/L		98	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	40.81		ng/L		102	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	191.0		ng/L		95	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	193.1		ng/L		97	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.0	28.99		ng/L		97	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	37.82		ng/L		100	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	41.96		ng/L		105	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	37.56		ng/L		94	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	40.0	36.72		ng/L		92	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	37.4	32.95		ng/L		88	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	37.8	31.01		ng/L		82	55 - 160

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-668966/1-A
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 668966

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	35.7	33.54		ng/L		94	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	80.0	76.14		ng/L		95	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	200	164.9		ng/L		82	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	200	152.7		ng/L		76	50 - 145

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*93.9*		*5 - 130*
13C5 PFPeA	*98.6*		*40 - 130*
13C5 PFHxA	*97.9*		*40 - 130*
13C4 PFHpA	*84.1*		*40 - 130*
13C8 PFOA	*90.7*		*40 - 130*
13C9 PFNA	*99.8*		*40 - 130*
13C6 PFDA	*85.9*		*40 - 130*
13C7 PFUnA	*87.4*		*30 - 130*
13C2 PFTeDA	*67.9*		*10 - 130*
13C3 PFBS	*93.7*		*40 - 135*
13C3 PFHxS	*93.1*		*40 - 130*
13C8 PFOS	*93.7*		*40 - 130*
13C8 FOSA	*79.3*		*40 - 130*
d3-NMeFOSAA	*77.4*		*40 - 170*
d5-NEtFOSAA	*73.1*		*25 - 135*
13C2 4:2 FTS	*94.1*		*40 - 200*
13C2 6:2 FTS	*95.1*		*40 - 200*
13C2 8:2 FTS	*84.6*		*40 - 300*
13C3 HFPO-DA	*91.0*		*40 - 130*
d7-N-MeFOSE-M	*60.4*		*10 - 130*
d9-N-EtFOSE-M	*53.6*		*10 - 130*
d5-NEtPFOSA	*62.7*		*10 - 130*
d3-NMePFOSA	*63.3*		*10 - 130*
13C2 PFDoA	*76.6*		*10 - 130*

Lab Sample ID: LLCS 410-668966/2-A
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 668966

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	8.00	7.274		ng/L		91	70 - 140
Perfluoropentanoic acid (PFPeA)	4.00	3.545		ng/L		89	65 - 135
Perfluorohexanoic acid (PFHxA)	4.00	3.500		ng/L		87	70 - 145
Perfluoroheptanoic acid (PFHpA)	4.00	3.595		ng/L		90	70 - 150
Perfluorooctanoic acid (PFOA)	4.00	3.788		ng/L		95	70 - 150
Perfluorononanoic acid (PFNA)	4.00	3.336		ng/L		83	70 - 150
Perfluorodecanoic acid (PFDA)	4.00	4.153		ng/L		104	70 - 140
Perfluoroundecanoic acid (PFUnA)	4.00	3.464		ng/L		87	70 - 145

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-668966/2-A
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 668966

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorododecanoic acid (PFDoA)	4.00	3.707		ng/L		93	70 - 140
Perfluorotridecanoic acid (PFTrDA)	4.00	3.452		ng/L		86	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	4.00	3.522		ng/L		88	60 - 140
Perfluorobutanesulfonic acid (PFBS)	3.55	2.822		ng/L		79	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	3.76	3.542		ng/L		94	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	3.65	3.083		ng/L		85	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	3.82	2.982		ng/L		78	70 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	3.583		ng/L		96	55 - 150
Perfluorononanesulfonic acid (PFNS)	3.85	3.078		ng/L		80	65 - 145
Perfluorodecanesulfonic acid (PFDS)	3.86	3.021		ng/L		78	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	3.88	2.666		ng/L		69	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	7.50	6.904		ng/L		92	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	7.62	6.770		ng/L		89	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	7.68	7.457		ng/L		97	60 - 150
Perfluorooctanesulfonamide (PFOSA)	4.00	3.603		ng/L		90	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	4.00	3.797		ng/L		95	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	4.00	3.844		ng/L		96	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.00	3.407		ng/L		85	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.00	3.927		ng/L		98	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	19.02		ng/L		95	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	18.18		ng/L		91	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	3.00	2.588		ng/L		86	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	3.78	3.301		ng/L		87	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.00	4.038		ng/L		101	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.00	3.534		ng/L		88	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.00	3.678		ng/L		92	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	3.74	2.852		ng/L		76	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-668966/2-A
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 668966

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			3.78	2.778		ng/L		74	55 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			3.57	2.850		ng/L		80	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			8.00	7.117		ng/L		89	65 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			20.0	14.26		ng/L		71	70 - 135		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			20.0	13.31		ng/L		67	50 - 145		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*103*		*5 - 130*
13C5 PFPeA	*106*		*40 - 130*
13C5 PFHxA	*106*		*40 - 130*
13C4 PFHpA	*99.6*		*40 - 130*
13C8 PFOA	*103*		*40 - 130*
13C9 PFNA	*117*		*40 - 130*
13C6 PFDA	*90.5*		*40 - 130*
13C7 PFUnA	*99.3*		*30 - 130*
13C2 PFTeDA	*71.9*		*10 - 130*
13C3 PFBS	*107*		*40 - 135*
13C3 PFHxS	*104*		*40 - 130*
13C8 PFOS	*103*		*40 - 130*
13C8 FOSA	*88.4*		*40 - 130*
d3-NMeFOSAA	*92.0*		*40 - 170*
d5-NEtFOSAA	*89.2*		*25 - 135*
13C2 4:2 FTS	*108*		*40 - 200*
13C2 6:2 FTS	*107*		*40 - 200*
13C2 8:2 FTS	*95.6*		*40 - 300*
13C3 HFPO-DA	*96.1*		*40 - 130*
d7-N-MeFOSE-M	*83.0*		*10 - 130*
d9-N-EtFOSE-M	*72.7*		*10 - 130*
d5-NEtPFOSA	*79.6*		*10 - 130*
d3-NMePFOSA	*80.0*		*10 - 130*
13C2 PFDoA	*84.5*		*10 - 130*

Lab Sample ID: 460-329737-1 MS
Matrix: Water
Analysis Batch: 668929

Client Sample ID: RXMW-02_P
Prep Type: Total/NA
Prep Batch: 668966

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorobutanoic acid (PFBA)	3.34	U	61.5	68.77		ng/L		112	70 - 140		
Perfluoropentanoic acid (PFPeA)	23.6		30.7	50.08		ng/L		86	65 - 135		
Perfluorohexanoic acid (PFHxA)	27.2		30.7	57.33		ng/L		98	70 - 145		
Perfluoroheptanoic acid (PFHpA)	14.3		30.7	45.18		ng/L		101	70 - 150		
Perfluorooctanoic acid (PFOA)	28.7		30.7	56.47		ng/L		90	70 - 150		
Perfluorononanoic acid (PFNA)	6.69		30.7	34.51		ng/L		91	70 - 150		
Perfluorodecanoic acid (PFDA)	2.00		30.7	30.64		ng/L		93	70 - 140		

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-329737-1 MS
Matrix: Water
Analysis Batch: 668929

Client Sample ID: RXMW-02_P
Prep Type: Total/NA
Prep Batch: 668966

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	1.67	U	30.7	32.24		ng/L		105	70 - 145
Perfluorododecanoic acid (PFDoA)	1.67	U	30.7	28.16		ng/L		92	70 - 140
Perfluorotridecanoic acid (PFTrDA)	1.67	U	30.7	23.88		ng/L		78	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	1.67	U	30.7	28.72		ng/L		93	60 - 140
Perfluorobutanesulfonic acid (PFBS)	1.67	U	27.3	29.01		ng/L		106	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	1.67	U	28.9	28.12		ng/L		97	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	2.57		28.0	29.56		ng/L		96	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	1.67	U	29.3	29.64		ng/L		101	70 - 150
Perfluorooctanesulfonic acid (PFOS)	15.1		28.6	41.78		ng/L		93	55 - 150
Perfluorononanesulfonic acid (PFNS)	1.67	U	29.6	23.97		ng/L		81	65 - 145
Perfluorodecanesulfonic acid (PFDS)	1.67	U	29.6	22.77		ng/L		77	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	1.67	U	29.8	19.35		ng/L		65	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.34	U	57.7	51.99		ng/L		90	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.56	J	58.5	55.11		ng/L		92	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.34	U	59.0	54.72		ng/L		93	60 - 150
Perfluorooctanesulfonamide (PFOSA)	1.67	U	30.7	30.78		ng/L		100	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.67	U	30.7	28.78		ng/L		94	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.67	U	30.7	28.47		ng/L		93	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.67	U	30.7	29.79		ng/L		97	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	3.94		30.7	33.62		ng/L		97	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.36	U	154	138.1		ng/L		90	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.36	U	154	132.3		ng/L		86	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.67	U	23.0	21.28		ng/L		92	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.67	U	29.1	28.13		ng/L		97	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.67	U	30.7	24.13		ng/L		79	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.67	U	30.7	27.84		ng/L		91	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.67	U	30.7	34.08		ng/L		111	50 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-329737-1 MS
Matrix: Water
Analysis Batch: 668929

Client Sample ID: RXMW-02_P
Prep Type: Total/NA
Prep Batch: 668966

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.67	U	28.7	23.04		ng/L		80	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.67	U	29.0	21.29		ng/L		73	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.67	U	27.4	23.75		ng/L		87	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.34	U	61.5	59.39		ng/L		97	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	3.49	J	154	160.2		ng/L		102	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	8.36	U	154	138.0		ng/L		90	50 - 145

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4 PFBA	*88.3*		*5 - 130*
13C5 PFPeA	*89.3*		*40 - 130*
13C5 PFHxA	*85.8*		*40 - 130*
13C4 PFHpA	*88.5*		*40 - 130*
13C8 PFOA	*93.0*		*40 - 130*
13C9 PFNA	*101*		*40 - 130*
13C6 PFDA	*92.1*		*40 - 130*
13C7 PFUnA	*82.5*		*30 - 130*
13C2 PFTeDA	*58.8*		*10 - 130*
13C3 PFBS	*107*		*40 - 135*
13C3 PFHxS	*100*		*40 - 130*
13C8 PFOS	*98.2*		*40 - 130*
13C8 FOSA	*87.4*		*40 - 130*
d3-NMeFOSAA	*80.1*		*40 - 170*
d5-NEtFOSAA	*83.9*		*25 - 135*
13C2 4:2 FTS	*98.2*		*40 - 200*
13C2 6:2 FTS	*101*		*40 - 200*
13C2 8:2 FTS	*87.9*		*40 - 300*
13C3 HFPO-DA	*81.5*		*40 - 130*
d7-N-MeFOSE-M	*67.1*		*10 - 130*
d9-N-EtFOSE-M	*58.8*		*10 - 130*
d5-NEtPFOSA	*74.7*		*10 - 130*
d3-NMePFOSA	*72.7*		*10 - 130*
13C2 PFDoA	*76.1*		*10 - 130*

Lab Sample ID: 460-329737-1 MSD
Matrix: Water
Analysis Batch: 668929

Client Sample ID: RXMW-02_P
Prep Type: Total/NA
Prep Batch: 668966

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	3.34	U	65.4	73.82		ng/L		113	70 - 140	7	30
Perfluoropentanoic acid (PFPeA)	23.6		32.7	52.00		ng/L		87	65 - 135	4	30
Perfluorohexanoic acid (PFHxA)	27.2		32.7	62.37		ng/L		107	70 - 145	8	30
Perfluoroheptanoic acid (PFHpA)	14.3		32.7	48.94		ng/L		106	70 - 150	8	30
Perfluorooctanoic acid (PFOA)	28.7		32.7	62.91		ng/L		105	70 - 150	11	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-329737-1 MSD
Matrix: Water
Analysis Batch: 668929

Client Sample ID: RXMW-02_P
Prep Type: Total/NA
Prep Batch: 668966

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorononanoic acid (PFNA)	6.69		32.7	37.96		ng/L		96	70 - 150	10	30
Perfluorodecanoic acid (PFDA)	2.00		32.7	31.84		ng/L		91	70 - 140	4	30
Perfluoroundecanoic acid (PFUnA)	1.67	U	32.7	32.19		ng/L		98	70 - 145	0	30
Perfluorododecanoic acid (PFDoA)	1.67	U	32.7	33.22		ng/L		102	70 - 140	16	30
Perfluorotridecanoic acid (PFTrDA)	1.67	U	32.7	24.97		ng/L		76	65 - 140	4	30
Perfluorotetradecanoic acid (PFTeDA)	1.67	U	32.7	29.85		ng/L		91	60 - 140	4	30
Perfluorobutanesulfonic acid (PFBS)	1.67	U	29.0	30.56		ng/L		105	60 - 145	5	30
Perfluoropentanesulfonic acid (PFPeS)	1.67	U	30.7	34.29		ng/L		112	65 - 140	20	30
Perfluorohexanesulfonic acid (PFHxS)	2.57		29.8	29.08		ng/L		89	65 - 145	2	30
Perfluoroheptanesulfonic acid (PFHpS)	1.67	U	31.2	32.24		ng/L		103	70 - 150	8	30
Perfluorooctanesulfonic acid (PFOS)	15.1		30.4	42.20		ng/L		89	55 - 150	1	30
Perfluorononanesulfonic acid (PFNS)	1.67	U	31.5	25.57		ng/L		81	65 - 145	6	30
Perfluorodecanesulfonic acid (PFDS)	1.67	U	31.5	23.38		ng/L		74	60 - 145	3	30
Perfluorododecanesulfonic acid (PFDoS)	1.67	U	31.7	20.45		ng/L		64	50 - 145	6	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.34	U	61.3	59.95		ng/L		98	70 - 145	14	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.56	J	62.3	60.62		ng/L		95	65 - 155	10	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.34	U	62.8	60.20		ng/L		96	60 - 150	10	30
Perfluorooctanesulfonamide (PFOSA)	1.67	U	32.7	34.41		ng/L		105	70 - 145	11	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.67	U	32.7	31.38		ng/L		96	60 - 150	9	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.67	U	32.7	32.48		ng/L		99	65 - 145	13	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.67	U	32.7	32.25		ng/L		99	50 - 140	8	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	3.94		32.7	34.80		ng/L		94	70 - 145	3	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.36	U	164	165.8		ng/L		101	70 - 145	18	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.36	U	164	153.8		ng/L		94	70 - 135	15	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.67	U	24.5	23.28		ng/L		95	70 - 140	9	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.67	U	30.9	29.35		ng/L		95	65 - 145	4	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.67	U	32.7	26.25		ng/L		80	55 - 140	8	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.67	U	32.7	29.97		ng/L		92	60 - 150	7	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-329737-1 MSD
Client Sample ID: RXMW-02_P
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 668929
Prep Batch: 668966

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.67	U	32.7	31.72		ng/L		97	50 - 150	7	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.67	U	30.5	25.88		ng/L		85	70 - 155	12	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.67	U	30.9	22.26		ng/L		72	55 - 160	4	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.67	U	29.2	23.86		ng/L		82	70 - 140	0	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.34	U	65.4	64.78		ng/L		99	65 - 130	9	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	3.49	J	164	160.2		ng/L		96	70 - 135	0	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	8.36	U	164	137.3		ng/L		84	50 - 145	1	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*107*		*5 - 130*
13C5 PFPeA	*107*		*40 - 130*
13C5 PFHxA	*104*		*40 - 130*
13C4 PFHpA	*99.6*		*40 - 130*
13C8 PFOA	*98.0*		*40 - 130*
13C9 PFNA	*109*		*40 - 130*
13C6 PFDA	*101*		*40 - 130*
13C7 PFUnA	*91.8*		*30 - 130*
13C2 PFTeDA	*69.0*		*10 - 130*
13C3 PFBS	*117*		*40 - 135*
13C3 PFHxS	*112*		*40 - 130*
13C8 PFOS	*108*		*40 - 130*
13C8 FOSA	*94.9*		*40 - 130*
d3-NMeFOSAA	*88.5*		*40 - 170*
d5-NEtFOSAA	*88.9*		*25 - 135*
13C2 4:2 FTS	*112*		*40 - 200*
13C2 6:2 FTS	*113*		*40 - 200*
13C2 8:2 FTS	*93.3*		*40 - 300*
13C3 HFPO-DA	*95.4*		*40 - 130*
d7-N-MeFOSE-M	*67.2*		*10 - 130*
d9-N-EtFOSE-M	*68.4*		*10 - 130*
d5-NEtPFOSA	*77.7*		*10 - 130*
d3-NMePFOSA	*81.1*		*10 - 130*
13C2 PFDoA	*74.5*		*10 - 130*

LCMS

Prep Batch: 666951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329737-3	RXMW-06_P	Total/NA	Water	1633A	
460-329737-4	RXMW-08_P	Total/NA	Water	1633A	
460-329737-5	RXMW_03_P	Total/NA	Water	1633A	
460-329737-6	FB_GW_07012025_P	Total/NA	Water	1633A	
MB 410-666951/8-A	Method Blank	Total/NA	Water	1633A	
LCS 410-666951/9-A	Lab Control Sample	Total/NA	Water	1633A	
LLCS 410-666951/10-A	Lab Control Sample	Total/NA	Water	1633A	

Analysis Batch: 667156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329737-3	RXMW-06_P	Total/NA	Water	1633A	666951
460-329737-4	RXMW-08_P	Total/NA	Water	1633A	666951
460-329737-5	RXMW_03_P	Total/NA	Water	1633A	666951
460-329737-6	FB_GW_07012025_P	Total/NA	Water	1633A	666951
MB 410-666951/8-A	Method Blank	Total/NA	Water	1633A	666951
LCS 410-666951/9-A	Lab Control Sample	Total/NA	Water	1633A	666951
LLCS 410-666951/10-A	Lab Control Sample	Total/NA	Water	1633A	666951

Analysis Batch: 668929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329737-1	RXMW-02_P	Total/NA	Water	1633A	668966
460-329737-2	DUP_GW_07012025_P	Total/NA	Water	1633A	668966
MB 410-668966/11-A	Method Blank	Total/NA	Water	1633A	668966
LCS 410-668966/1-A	Lab Control Sample	Total/NA	Water	1633A	668966
LLCS 410-668966/2-A	Lab Control Sample	Total/NA	Water	1633A	668966
460-329737-1 MS	RXMW-02_P	Total/NA	Water	1633A	668966
460-329737-1 MSD	RXMW-02_P	Total/NA	Water	1633A	668966

Prep Batch: 668966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329737-1	RXMW-02_P	Total/NA	Water	1633A	
460-329737-2	DUP_GW_07012025_P	Total/NA	Water	1633A	
MB 410-668966/11-A	Method Blank	Total/NA	Water	1633A	
LCS 410-668966/1-A	Lab Control Sample	Total/NA	Water	1633A	
LLCS 410-668966/2-A	Lab Control Sample	Total/NA	Water	1633A	
460-329737-1 MS	RXMW-02_P	Total/NA	Water	1633A	
460-329737-1 MSD	RXMW-02_P	Total/NA	Water	1633A	

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329737-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-02_P
Lab Sample ID: 460-329737-1
Date Collected: 07/01/25 10:20
Matrix: Water
Date Received: 07/01/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			668966	MSH2	ELLE	07/09/25 14:58
Total/NA	Analysis	1633A		1	668929	RPU6	ELLE	07/10/25 10:37

Client Sample ID: DUP_GW_07012025_P
Lab Sample ID: 460-329737-2
Date Collected: 07/01/25 10:30
Matrix: Water
Date Received: 07/01/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			668966	MSH2	ELLE	07/09/25 14:58
Total/NA	Analysis	1633A		1	668929	RPU6	ELLE	07/10/25 11:18

Client Sample ID: RXMW-06_P
Lab Sample ID: 460-329737-3
Date Collected: 07/01/25 14:10
Matrix: Water
Date Received: 07/01/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			666951	Y4GV	ELLE	07/03/25 17:27
Total/NA	Analysis	1633A		1	667156	UUV6	ELLE	07/05/25 03:08

Client Sample ID: RXMW-08_P
Lab Sample ID: 460-329737-4
Date Collected: 07/01/25 14:25
Matrix: Water
Date Received: 07/01/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			666951	Y4GV	ELLE	07/03/25 17:27
Total/NA	Analysis	1633A		1	667156	UUV6	ELLE	07/05/25 03:23

Client Sample ID: RXMW_03_P
Lab Sample ID: 460-329737-5
Date Collected: 07/01/25 12:08
Matrix: Water
Date Received: 07/01/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			666951	Y4GV	ELLE	07/03/25 17:27
Total/NA	Analysis	1633A		1	667156	UUV6	ELLE	07/05/25 03:37

Client Sample ID: FB_GW_07012025_P
Lab Sample ID: 460-329737-6
Date Collected: 07/01/25 15:05
Matrix: Water
Date Received: 07/01/25 19:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			666951	Y4GV	ELLE	07/03/25 17:27
Total/NA	Analysis	1633A		1	667156	UUV6	ELLE	07/05/25 03:51

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329737-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

Method Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329737-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method	Method Description	Protocol	Laboratory
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
1633A	Solid-Phase Extraction (SPE)	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329737-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-329737-1	RXMW-02_P	Water	07/01/25 10:20	07/01/25 19:20
460-329737-2	DUP_GW_07012025_P	Water	07/01/25 10:30	07/01/25 19:20
460-329737-3	RXMW-06_P	Water	07/01/25 14:10	07/01/25 19:20
460-329737-4	RXMW-08_P	Water	07/01/25 14:25	07/01/25 19:20
460-329737-5	RXMW_03_P	Water	07/01/25 12:08	07/01/25 19:20
460-329737-6	FB_GW_07012025_P	Water	07/01/25 15:05	07/01/25 19:20

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins

Client Information	Sampler: JC, EM	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-196710-128767 1
Client Contact: Josue Criollo	Phone: 516 6603060	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Roux Environmental Eng & Geology DPC	PWSID:			Job #: 329737
Address: 209 Shafter St	Due Date Requested:			Preservation Codes: N None
City: Islandia	TAT Requested (days): 5 days			
State, Zip: NY 11749	Compliance Project: Δ Yes Δ No			
Phone: 631-831-8490(Tel)	PO #: 1633.0003Y000			
Email: jcriollo@rouxinc.com	WO #:			
Project Name: 35-32 College Point Blvd, Flushing NY	Project #: 46046973			
Site:	SSOW#:			

Analysis Requested

460-329737 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A PFAS 1633 Standard List of 40	Total Number of	Special Instructions/Note:
			Preservation Code:				N		
RXMW-02_P	7/1	1020	G	Water		Y	1	6	MS/MSD
DUP_GW_07012025_P		1030						2	
RXMW-06_P		1410						2	
RXMW-08_P		1425						2	
RXMW-03_P		1200						2	
EB_GW_07012025_P		1505						4	

1 2 3 4 5 6

22 ANA

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 7/1/25	Company: ET	Received by:	Date/Time:	Company
Relinquished by: ETA 1/10	Date/Time:	Company	Received by:	Date/Time: 7/1/25 1920	Company: EET
Relinquished by:	Date/Time: 7/1/25 1920	Company: EET	Received by:	Date/Time: 7/1/25 1920	Company: EET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: NO	Cooler Temperature(s) °C and Other Remarks: IR-9 04-0.8

Ver: 10/10/2024

7/11/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 329737

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	0.4 °C	0.8 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below*

Sample No(s) adjusted. _____

Preservative Name/Conc. _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials MM Date: 7/1/25

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-74664.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-329737-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/9/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 35-32 College Point Blvd, Flushing, NY	Project #: 46046973			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_SPEPFAS 1633 Standard List of 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
RXMW-02_P (460-329737-1)	7/1/25	10:20 Eastern	G	Water			X	2	
RXMW-02_P (460-329737-1MS)	7/1/25	10:20 Eastern	G	Water			X	2	
RXMW-02_P (460-329737-1MSD)	7/1/25	10:20 Eastern	G	Water			X	2	
DUP_GW_07012025_P (460-329737-2)	7/1/25	10:30 Eastern	G	Water			X	2	
RXMW-06_P (460-329737-3)	7/1/25	14:10 Eastern	G	Water			X	2	
RXMW-08_P (460-329737-4)	7/1/25	14:25 Eastern	G	Water			X	2	
RXMW_03_P (460-329737-5)	7/1/25	12:08 Eastern	G	Water			X	2	
FB_GW_07012025_P (460-329737-6)	7/1/25	15:05 Eastern	G	Water			X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		7/2/25 1555	ET		7/2/25 1555	ET
2		7/2/25 1915	ET			
3					7/2/25 1915	ET

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-329737-1

Login Number: 329737

List Source: Eurofins Edison

List Number: 1

Creator: Rivera, Kenneth

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-329737-1

Login Number: 329737
List Number: 2
Creator: McDonald, Teigan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 07/02/25 10:31 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. MaryBeth Lyons
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, New York 11749

Generated 7/10/2025 5:11:29 PM

JOB DESCRIPTION

35-32 College Point Blvd, Flushing, NY

JOB NUMBER

460-329841-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Eurofins Edison

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

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Authorized for release by
Mark Acierno, Business Unit Manager
Mark.Acierno@et.eurofinsus.com
Designee for
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	LCS or LCSD is outside acceptance limits.
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	RPD of the LCS and LCSD exceeds the control limits
*	Surrogate is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Sample result is greater than the MDL but below the CRDL
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
J	Sample result is greater than the MDL but below the CRDL
U	Indicates analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-329841-1

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 7/2/2025 7:50 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.7°C.

Receipt Exceptions
One or more containers for the following sample was received empty: RXMW-10 (460-329841-1). one Amber Glass 250 mL was received empty.

Method 8260D - Volatile Organic Compounds by GC/MS
Samples RXMW-10 (460-329841-1) and Trip Blank (460-329841-2) were analyzed for Volatile Organic Compounds by GC/MS. The samples were analyzed on 7/8/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1048359 was outside the method criteria for the following analytes: 1,2,4-Trimethylbenzene and Dichlorodifluoromethane (biased high), Bromoform and Methyl acetate (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-1048442 was outside the method criteria for the following analytes: Dichlorodifluoromethane, Vinyl chloride, Chloromethane and Trichlorofluoromethane (biased high). Any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1048442 recovered outside control limits for Dichlorodifluoromethane. The analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

Method 8270E - Semivolatile Organic Compounds (GC/MS)
Sample RXMW-10 (460-329841-1) was analyzed for Semivolatile Organic Compounds (GC/MS). The sample was prepared and analyzed on 7/3/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1047910 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) associated with batch 460-1047910 recovered above the upper control limit for 4-Nitrophenol, Caprolactam, 2,2'-oxybis[1-chloropropane], N-Nitrosodi-n-propylamine, 2-Nitroaniline and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-1047809 and analytical batch 460-1047910 recovered outside control limits for the following analytes: Benzaldehyde. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

Method 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)
Sample RXMW-10 (460-329841-1) was analyzed for Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution). The sample was prepared and analyzed on 7/5/2025.

Method 8151A - Herbicides (GC)
Sample RXMW-10 (460-329841-1) was analyzed for Herbicides (GC). The sample was prepared on 7/3/2025 and analyzed on 7/6/2025.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 460-1047751 and analytical batch 460-1048132 recovered outside control limits for the following analytes: 2,4,5-T and 2,4-D.

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Sample RXMW-10 (460-329841-1) was analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The sample was prepared on 7/5/2025 and analyzed on 7/6/2025.

The DCB Decachlorobiphenyl surrogate recovery for the following samples was outside acceptance limits (high biased) on the primary column: RXMW-10 (460-329841-1). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Method 8081B - Organochlorine Pesticides (GC)
Sample RXMW-10 (460-329841-1) was analyzed for Organochlorine Pesticides (GC). The sample was prepared on 7/5/2025 and analyzed on 7/7/2025.

Method 6020B - Metals (ICP/MS) - Dissolved
Sample RXMW-10 (460-329841-1) was analyzed for Metals (ICP/MS) - Dissolved. The sample was prepared and analyzed on 7/10/2025.

The following samples were not filtered and preserved within 15 minutes of sample collection in accordance with 40 CFR Part 136 Table II, Footnote 7, method 6020B. The samples were filtered prior to analysis at the laboratory.

RXMW-10 (460-329841-1), (460-329841-G-1 DU) and (460-329841-G-1 MS)

Method 6020B - Metals (ICP/MS) - Total Recoverable
Sample RXMW-10 (460-329841-1) was analyzed for Metals (ICP/MS) - Total Recoverable. The sample was prepared on 7/5/2025 and analyzed on 7/7/2025.

Method 7470A - Mercury (CVAA)
Sample RXMW-10 (460-329841-1) was analyzed for Mercury (CVAA). The sample was prepared and analyzed on 7/9/2025.

Method 7470A - Mercury (CVAA) - Dissolved
Sample RXMW-10 (460-329841-1) was analyzed for Mercury (CVAA) - Dissolved. The sample was prepared and analyzed on 7/9/2025.

The following samples were not filtered and preserved within 15 minutes of sample collection in accordance with 40 CFR Part 136 Table II, Footnote 7, method 7470A. The samples were filtered prior to analysis at the laboratory.

RXMW-10 (460-329841-1)

Method 7196A - Chromium, Hexavalent
Sample RXMW-10 (460-329841-1) was analyzed for Chromium, Hexavalent. The sample was analyzed on 7/3/2025.

Method 7196A - Chromium, Trivalent (Colorimetric)
Sample RXMW-10 (460-329841-1) was analyzed for Chromium, Trivalent (Colorimetric). The sample was analyzed on 7/9/2025.

Method 9012B - Cyanide, Total andor Amenable
Sample RXMW-10 (460-329841-1) was analyzed for Cyanide, Total andor Amenable. The sample was prepared and analyzed on 7/8/2025.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329841-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-10
Lab Sample ID: 460-329841-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	8.5		1.0	0.37	ug/L	1		8260D	Total/NA
1,3,5-Trimethylbenzene	0.81	J	1.0	0.33	ug/L	1		8260D	Total/NA
Acetone	5.5		5.0	4.4	ug/L	1		8260D	Total/NA
Benzene	0.99		0.45	0.070	ug/L	1		8260D	Total/NA
Chloromethane	0.48	J	1.0	0.40	ug/L	1		8260D	Total/NA
Cyclohexane	10		1.0	0.32	ug/L	1		8260D	Total/NA
Ethylbenzene	20		1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	26		1.0	0.34	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	24		1.0	0.22	ug/L	1		8260D	Total/NA
Methylcyclohexane	13		1.0	0.71	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	0.83	J	1.0	0.30	ug/L	1		8260D	Total/NA
n-Butylbenzene	6.3		1.0	0.32	ug/L	1		8260D	Total/NA
N-Propylbenzene	30		1.0	0.32	ug/L	1		8260D	Total/NA
o-Xylene	1.2		1.0	0.36	ug/L	1		8260D	Total/NA
sec-Butylbenzene	10		1.0	0.37	ug/L	1		8260D	Total/NA
tert-Butylbenzene	1.1		1.0	0.34	ug/L	1		8260D	Total/NA
Toluene	0.48	J	1.0	0.38	ug/L	1		8260D	Total/NA
Xylenes, Total	2.0		2.0	0.65	ug/L	1		8260D	Total/NA
1,4-Dioxane	2.6		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA
2-Methylnaphthalene	72		10	0.53	ug/L	1		8270E	Total/NA
Acenaphthene	3.1	J	10	1.1	ug/L	1		8270E	Total/NA
Carbazole	3.6	J	10	0.68	ug/L	1		8270E	Total/NA
Dibenzofuran	2.8	J	10	1.1	ug/L	1		8270E	Total/NA
Fluorene	5.7	J	10	0.91	ug/L	1		8270E	Total/NA
Naphthalene	51		2.0	0.54	ug/L	1		8270E	Total/NA
Phenanthrene	6.7	J	10	1.3	ug/L	1		8270E	Total/NA
Aluminum	1020		40.0	11.7	ug/L	1		6020B	Total Recoverable
Arsenic	1.7	J	2.0	1.2	ug/L	1		6020B	Total Recoverable
Barium	216		4.0	0.93	ug/L	1		6020B	Total Recoverable
Calcium	159000		500	31.7	ug/L	1		6020B	Total Recoverable
Chromium	7.5		4.0	1.7	ug/L	1		6020B	Total Recoverable
Cobalt	1.8	J	2.0	0.18	ug/L	1		6020B	Total Recoverable
Copper	2.3	J	4.0	2.0	ug/L	1		6020B	Total Recoverable
Iron	36900		120	33.7	ug/L	1		6020B	Total Recoverable
Lead	1.8		1.2	0.42	ug/L	1		6020B	Total Recoverable
Magnesium	34800		200	21.8	ug/L	1		6020B	Total Recoverable
Manganese	468		8.0	0.84	ug/L	1		6020B	Total Recoverable
Nickel	8.7		4.0	1.4	ug/L	1		6020B	Total Recoverable
Potassium	28000		200	114	ug/L	1		6020B	Total Recoverable
Selenium	0.44	J	2.5	0.43	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329841-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-10 (Continued)
Lab Sample ID: 460-329841-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	201000		500	180	ug/L	1		6020B	Total Recoverable
Vanadium	4.1		4.0	1.0	ug/L	1		6020B	Total Recoverable
Zinc	10.3	J	16.0	4.2	ug/L	1		6020B	Total Recoverable
Barium	103		4.0	0.93	ug/L	1		6020B	Dissolved
Calcium	158000		500	31.7	ug/L	1		6020B	Dissolved
Cobalt	0.94	J	2.0	0.18	ug/L	1		6020B	Dissolved
Iron	42.8	J	120	33.7	ug/L	1		6020B	Dissolved
Magnesium	35100		200	21.8	ug/L	1		6020B	Dissolved
Manganese	415		8.0	0.84	ug/L	1		6020B	Dissolved
Nickel	3.0	J	4.0	1.4	ug/L	1		6020B	Dissolved
Potassium	27600		200	114	ug/L	1		6020B	Dissolved
Sodium	198000		500	180	ug/L	1		6020B	Dissolved

Client Sample ID: Trip Blank
Lab Sample ID: 460-329841-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329841-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-10
Lab Sample ID: 460-329841-1
Date Collected: 07/02/25 08:50
Matrix: Water
Date Received: 07/02/25 19:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			07/08/25 10:18	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			07/08/25 10:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			07/08/25 10:18	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			07/08/25 10:18	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			07/08/25 10:18	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			07/08/25 10:18	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			07/08/25 10:18	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			07/08/25 10:18	1
1,2,4-Trimethylbenzene	**8.5**		1.0	0.37	ug/L			07/08/25 10:18	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			07/08/25 10:18	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			07/08/25 10:18	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			07/08/25 10:18	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			07/08/25 10:18	1
1,3,5-Trimethylbenzene	**0.81**	**J**	1.0	0.33	ug/L			07/08/25 10:18	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			07/08/25 10:18	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			07/08/25 10:18	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			07/08/25 10:18	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			07/08/25 10:18	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			07/08/25 10:18	1
Acetone	**5.5**		5.0	4.4	ug/L			07/08/25 10:18	1
Benzene	**0.99**		0.45	0.070	ug/L			07/08/25 10:18	1
Bromoform	1.0	U	1.0	0.54	ug/L			07/08/25 10:18	1
Bromomethane	1.0	U	1.0	0.55	ug/L			07/08/25 10:18	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			07/08/25 10:18	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			07/08/25 10:18	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			07/08/25 10:18	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			07/08/25 10:18	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			07/08/25 10:18	1
Chloroethane	1.0	U	1.0	0.32	ug/L			07/08/25 10:18	1
Chloroform	1.0	U	1.0	0.33	ug/L			07/08/25 10:18	1
Chloromethane	**0.48**	**J**	1.0	0.40	ug/L			07/08/25 10:18	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			07/08/25 10:18	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			07/08/25 10:18	1
Cyclohexane	**10**		1.0	0.32	ug/L			07/08/25 10:18	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			07/08/25 10:18	1
Dichlorodifluoromethane	1.0	U *	1.0	0.31	ug/L			07/08/25 10:18	1
Ethylbenzene	**20**		1.0	0.30	ug/L			07/08/25 10:18	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			07/08/25 10:18	1
Isopropylbenzene	**26**		1.0	0.34	ug/L			07/08/25 10:18	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			07/08/25 10:18	1
Methyl tert-butyl ether	**24**		1.0	0.22	ug/L			07/08/25 10:18	1
Methylcyclohexane	**13**		1.0	0.71	ug/L			07/08/25 10:18	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			07/08/25 10:18	1
m-Xylene & p-Xylene	**0.83**	**J**	1.0	0.30	ug/L			07/08/25 10:18	1
n-Butylbenzene	**6.3**		1.0	0.32	ug/L			07/08/25 10:18	1
N-Propylbenzene	**30**		1.0	0.32	ug/L			07/08/25 10:18	1
o-Xylene	**1.2**		1.0	0.36	ug/L			07/08/25 10:18	1
sec-Butylbenzene	**10**		1.0	0.37	ug/L			07/08/25 10:18	1
Styrene	1.0	U	1.0	0.42	ug/L			07/08/25 10:18	1

Client Sample ID: RXMW-10
Lab Sample ID: 460-329841-1

Date Collected: 07/02/25 08:50
Matrix: Water

Date Received: 07/02/25 19:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	**1.1**		1.0	0.34	ug/L			07/08/25 10:18	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			07/08/25 10:18	1
Toluene	**0.48**	**J**	1.0	0.38	ug/L			07/08/25 10:18	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			07/08/25 10:18	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			07/08/25 10:18	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			07/08/25 10:18	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			07/08/25 10:18	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			07/08/25 10:18	1
Xylenes, Total	**2.0**		2.0	0.65	ug/L			07/08/25 10:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 128*		*07/08/25 10:18*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*07/08/25 10:18*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 132*		*07/08/25 10:18*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/08/25 10:18*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.6**		0.20	0.072	ug/L		07/05/25 08:41	07/05/25 17:07	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*43*		*10 - 150*	*07/05/25 08:41*	*07/05/25 17:07*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	5.0	U	5.0	1.2	ug/L		07/03/25 09:43	07/03/25 22:58	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		07/03/25 09:43	07/03/25 22:58	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		07/03/25 09:43	07/03/25 22:58	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		07/03/25 09:43	07/03/25 22:58	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		07/03/25 09:43	07/03/25 22:58	1
2,4,6-Trichlorophenol	3.0	U	3.0	0.86	ug/L		07/03/25 09:43	07/03/25 22:58	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		07/03/25 09:43	07/03/25 22:58	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		07/03/25 09:43	07/03/25 22:58	1
2,4-Dinitrophenol	40	U	40	11	ug/L		07/03/25 09:43	07/03/25 22:58	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		07/03/25 09:43	07/03/25 22:58	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		07/03/25 09:43	07/03/25 22:58	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		07/03/25 09:43	07/03/25 22:58	1
2-Chlorophenol	10	U	10	0.95	ug/L		07/03/25 09:43	07/03/25 22:58	1
2-Methylnaphthalene	**72**		10	0.53	ug/L		07/03/25 09:43	07/03/25 22:58	1
2-Methylphenol	10	U	10	0.67	ug/L		07/03/25 09:43	07/03/25 22:58	1
2-Nitroaniline	10	U	10	1.2	ug/L		07/03/25 09:43	07/03/25 22:58	1
2-Nitrophenol	10	U	10	0.75	ug/L		07/03/25 09:43	07/03/25 22:58	1
3 & 4 Methylphenol	10	U	10	0.64	ug/L		07/03/25 09:43	07/03/25 22:58	1
3,3'-Dichlorobenzidine	5.2	U	5.2	1.4	ug/L		07/03/25 09:43	07/03/25 22:58	1
3-Nitroaniline	10	U	10	1.9	ug/L		07/03/25 09:43	07/03/25 22:58	1
4,6-Dinitro-2-methylphenol	20	U	20	8.6	ug/L		07/03/25 09:43	07/03/25 22:58	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		07/03/25 09:43	07/03/25 22:58	1
4-Chloro-3-methylphenol	10	U	10	1.3	ug/L		07/03/25 09:43	07/03/25 22:58	1
4-Chloroaniline	5.0	U	5.0	1.9	ug/L		07/03/25 09:43	07/03/25 22:58	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		07/03/25 09:43	07/03/25 22:58	1
4-Methylphenol	10	U	10	0.65	ug/L		07/03/25 09:43	07/03/25 22:58	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329841-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-10
Lab Sample ID: 460-329841-1
Date Collected: 07/02/25 08:50
Matrix: Water
Date Received: 07/02/25 19:50

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	10	U	10	1.2	ug/L		07/03/25 09:43	07/03/25 22:58	1
4-Nitrophenol	20	U	20	4.0	ug/L		07/03/25 09:43	07/03/25 22:58	1
Acenaphthene	**3.1**	**J**	10	1.1	ug/L		07/03/25 09:43	07/03/25 22:58	1
Acenaphthylene	10	U	10	0.82	ug/L		07/03/25 09:43	07/03/25 22:58	1
Acetophenone	10	U	10	2.3	ug/L		07/03/25 09:43	07/03/25 22:58	1
Anthracene	10	U	10	1.3	ug/L		07/03/25 09:43	07/03/25 22:58	1
Atrazine	2.0	U	2.0	1.3	ug/L		07/03/25 09:43	07/03/25 22:58	1
Benzaldehyde	10	U *	10	2.1	ug/L		07/03/25 09:43	07/03/25 22:58	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		07/03/25 09:43	07/03/25 22:58	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		07/03/25 09:43	07/03/25 22:58	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		07/03/25 09:43	07/03/25 22:58	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		07/03/25 09:43	07/03/25 22:58	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		07/03/25 09:43	07/03/25 22:58	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		07/03/25 09:43	07/03/25 22:58	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		07/03/25 09:43	07/03/25 22:58	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		07/03/25 09:43	07/03/25 22:58	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		07/03/25 09:43	07/03/25 22:58	1
Caprolactam	10	U	10	2.2	ug/L		07/03/25 09:43	07/03/25 22:58	1
Carbazole	**3.6**	**J**	10	0.68	ug/L		07/03/25 09:43	07/03/25 22:58	1
Chrysene	2.0	U	2.0	0.91	ug/L		07/03/25 09:43	07/03/25 22:58	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		07/03/25 09:43	07/03/25 22:58	1
Dibenzofuran	**2.8**	**J**	10	1.1	ug/L		07/03/25 09:43	07/03/25 22:58	1
Diethyl phthalate	10	U	10	0.98	ug/L		07/03/25 09:43	07/03/25 22:58	1
Dimethyl phthalate	10	U	10	0.77	ug/L		07/03/25 09:43	07/03/25 22:58	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		07/03/25 09:43	07/03/25 22:58	1
Di-n-octyl phthalate	10	U	10	4.0	ug/L		07/03/25 09:43	07/03/25 22:58	1
Fluoranthene	10	U	10	0.84	ug/L		07/03/25 09:43	07/03/25 22:58	1
Fluorene	**5.7**	**J**	10	0.91	ug/L		07/03/25 09:43	07/03/25 22:58	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		07/03/25 09:43	07/03/25 22:58	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		07/03/25 09:43	07/03/25 22:58	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		07/03/25 09:43	07/03/25 22:58	1
Hexachloroethane	0.80	U	0.80	0.31	ug/L		07/03/25 09:43	07/03/25 22:58	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		07/03/25 09:43	07/03/25 22:58	1
Isophorone	10	U	10	0.80	ug/L		07/03/25 09:43	07/03/25 22:58	1
Naphthalene	**51**		2.0	0.54	ug/L		07/03/25 09:43	07/03/25 22:58	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		07/03/25 09:43	07/03/25 22:58	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		07/03/25 09:43	07/03/25 22:58	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		07/03/25 09:43	07/03/25 22:58	1
Pentachlorophenol	20	U	20	6.6	ug/L		07/03/25 09:43	07/03/25 22:58	1
Phenanthrene	**6.7**	**J**	10	1.3	ug/L		07/03/25 09:43	07/03/25 22:58	1
Phenol	10	U	10	0.29	ug/L		07/03/25 09:43	07/03/25 22:58	1
Pyrene	10	U	10	1.6	ug/L		07/03/25 09:43	07/03/25 22:58	1
1,4-Dioxane	10	U	10	1.6	ug/L		07/03/25 09:43	07/03/25 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*45*		*24 - 150*	*07/03/25 09:43*	*07/03/25 22:58*	*1*
2-Fluorobiphenyl	*57*		*38 - 139*	*07/03/25 09:43*	*07/03/25 22:58*	*1*
2-Fluorophenol (Surr)	*42*		*10 - 90*	*07/03/25 09:43*	*07/03/25 22:58*	*1*
Nitrobenzene-d5 (Surr)	*77*		*39 - 145*	*07/03/25 09:43*	*07/03/25 22:58*	*1*
Phenol-d5 (Surr)	*26*		*10 - 68*	*07/03/25 09:43*	*07/03/25 22:58*	*1*

Client Sample ID: RXMW-10
Lab Sample ID: 460-329841-1

Date Collected: 07/02/25 08:50
Matrix: Water
Date Received: 07/02/25 19:50

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*53*		*10 - 133*	*07/03/25 09:43*	*07/03/25 22:58*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		07/05/25 08:03	07/07/25 17:15	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		07/05/25 08:03	07/07/25 17:15	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		07/05/25 08:03	07/07/25 17:15	1
Aldrin	0.020	U	0.020	0.0030	ug/L		07/05/25 08:03	07/07/25 17:15	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		07/05/25 08:03	07/07/25 17:15	1
beta-BHC	0.020	U	0.020	0.015	ug/L		07/05/25 08:03	07/07/25 17:15	1
Chlordane (technical)	0.20	U	0.20	0.055	ug/L		07/05/25 08:03	07/07/25 17:15	1
cis-Chlordane	0.020	U	0.020	0.0020	ug/L		07/05/25 08:03	07/07/25 17:15	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		07/05/25 08:03	07/07/25 17:15	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		07/05/25 08:03	07/07/25 17:15	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		07/05/25 08:03	07/07/25 17:15	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		07/05/25 08:03	07/07/25 17:15	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		07/05/25 08:03	07/07/25 17:15	1
Endrin	0.020	U	0.020	0.0040	ug/L		07/05/25 08:03	07/07/25 17:15	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		07/05/25 08:03	07/07/25 17:15	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		07/05/25 08:03	07/07/25 17:15	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		07/05/25 08:03	07/07/25 17:15	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		07/05/25 08:03	07/07/25 17:15	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		07/05/25 08:03	07/07/25 17:15	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		07/05/25 08:03	07/07/25 17:15	1
Toxaphene	0.50	U	0.50	0.11	ug/L		07/05/25 08:03	07/07/25 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*76*		*10 - 131*	*07/05/25 08:03*	*07/07/25 17:15*	*1*
DCB Decachlorobiphenyl	*95*		*10 - 131*	*07/05/25 08:03*	*07/07/25 17:15*	*1*
Tetrachloro-m-xylene	*73*		*31 - 120*	*07/05/25 08:03*	*07/07/25 17:15*	*1*
Tetrachloro-m-xylene	*85*		*31 - 120*	*07/05/25 08:03*	*07/07/25 17:15*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.20	U	0.20	0.12	ug/L		07/05/25 08:10	07/06/25 21:37	1
Aroclor 1221	0.20	U	0.20	0.12	ug/L		07/05/25 08:10	07/06/25 21:37	1
Aroclor 1232	0.20	U	0.20	0.12	ug/L		07/05/25 08:10	07/06/25 21:37	1
Aroclor 1242	0.20	U	0.20	0.12	ug/L		07/05/25 08:10	07/06/25 21:37	1
Aroclor 1248	0.20	U	0.20	0.12	ug/L		07/05/25 08:10	07/06/25 21:37	1
Aroclor 1254	0.20	U	0.20	0.11	ug/L		07/05/25 08:10	07/06/25 21:37	1
Aroclor 1260	0.20	U	0.20	0.11	ug/L		07/05/25 08:10	07/06/25 21:37	1
Aroclor-1262	0.20	U	0.20	0.11	ug/L		07/05/25 08:10	07/06/25 21:37	1
Aroclor 1268	0.20	U	0.20	0.11	ug/L		07/05/25 08:10	07/06/25 21:37	1
Polychlorinated biphenyls, Total	0.20	U	0.20	0.12	ug/L		07/05/25 08:10	07/06/25 21:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*113*		*10 - 127*	*07/05/25 08:10*	*07/06/25 21:37*	*1*
DCB Decachlorobiphenyl	*153*	*	*10 - 127*	*07/05/25 08:10*	*07/06/25 21:37*	*1*
Tetrachloro-m-xylene	*96*		*21 - 139*	*07/05/25 08:10*	*07/06/25 21:37*	*1*
Tetrachloro-m-xylene	*104*		*21 - 139*	*07/05/25 08:10*	*07/06/25 21:37*	*1*

Client Sample ID: RXMW-10
Date Collected: 07/02/25 08:50
Date Received: 07/02/25 19:50

Lab Sample ID: 460-329841-1
Matrix: Water

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	1.2	U *	1.2	0.12	ug/L		07/03/25 07:45	07/06/25 23:42	1
2,4-D	1.2	U *	1.2	0.13	ug/L		07/03/25 07:45	07/06/25 23:42	1
Silvex (2,4,5-TP)	1.2	U	1.2	0.11	ug/L		07/03/25 07:45	07/06/25 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*84*		*10 - 150*	*07/03/25 07:45*	*07/06/25 23:42*	*1*
2,4-Dichlorophenylacetic acid	*80*		*10 - 150*	*07/03/25 07:45*	*07/06/25 23:42*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1020**		40.0	11.7	ug/L		07/05/25 20:40	07/07/25 14:29	1
Antimony	2.0	U	2.0	0.48	ug/L		07/05/25 20:40	07/07/25 14:29	1
Arsenic	**1.7**	**J**	2.0	1.2	ug/L		07/05/25 20:40	07/07/25 14:29	1
Barium	**216**		4.0	0.93	ug/L		07/05/25 20:40	07/07/25 14:29	1
Beryllium	0.80	U	0.80	0.12	ug/L		07/05/25 20:40	07/07/25 14:29	1
Cadmium	0.92	U	0.92	0.26	ug/L		07/05/25 20:40	07/07/25 14:29	1
Calcium	**159000**		500	31.7	ug/L		07/05/25 20:40	07/07/25 14:29	1
Chromium	**7.5**		4.0	1.7	ug/L		07/05/25 20:40	07/07/25 14:29	1
Cobalt	**1.8**	**J**	2.0	0.18	ug/L		07/05/25 20:40	07/07/25 14:29	1
Copper	**2.3**	**J**	4.0	2.0	ug/L		07/05/25 20:40	07/07/25 14:29	1
Iron	**36900**		120	33.7	ug/L		07/05/25 20:40	07/07/25 14:29	1
Lead	**1.8**		1.2	0.42	ug/L		07/05/25 20:40	07/07/25 14:29	1
Magnesium	**34800**		200	21.8	ug/L		07/05/25 20:40	07/07/25 14:29	1
Manganese	**468**		8.0	0.84	ug/L		07/05/25 20:40	07/07/25 14:29	1
Nickel	**8.7**		4.0	1.4	ug/L		07/05/25 20:40	07/07/25 14:29	1
Potassium	**28000**		200	114	ug/L		07/05/25 20:40	07/07/25 14:29	1
Selenium	**0.44**	**J**	2.5	0.43	ug/L		07/05/25 20:40	07/07/25 14:29	1
Silver	2.0	U	2.0	1.3	ug/L		07/05/25 20:40	07/07/25 14:29	1
Sodium	**201000**		500	180	ug/L		07/05/25 20:40	07/07/25 14:29	1
Thallium	0.50	U	0.50	0.16	ug/L		07/05/25 20:40	07/07/25 14:29	1
Vanadium	**4.1**		4.0	1.0	ug/L		07/05/25 20:40	07/07/25 14:29	1
Zinc	**10.3**	**J**	16.0	4.2	ug/L		07/05/25 20:40	07/07/25 14:29	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	40.0	U	40.0	11.7	ug/L		07/10/25 02:27	07/10/25 03:04	1
Antimony	2.0	U	2.0	0.48	ug/L		07/10/25 02:27	07/10/25 03:04	1
Arsenic	2.0	U	2.0	1.2	ug/L		07/10/25 02:27	07/10/25 03:04	1
Barium	**103**		4.0	0.93	ug/L		07/10/25 02:27	07/10/25 03:04	1
Beryllium	0.80	U	0.80	0.12	ug/L		07/10/25 02:27	07/10/25 13:02	1
Cadmium	0.92	U	0.92	0.26	ug/L		07/10/25 02:27	07/10/25 03:04	1
Calcium	**158000**		500	31.7	ug/L		07/10/25 02:27	07/10/25 03:04	1
Chromium	4.0	U	4.0	1.7	ug/L		07/10/25 02:27	07/10/25 03:04	1
Cobalt	**0.94**	**J**	2.0	0.18	ug/L		07/10/25 02:27	07/10/25 03:04	1
Copper	4.0	U	4.0	2.0	ug/L		07/10/25 02:27	07/10/25 03:04	1
Iron	**42.8**	**J**	120	33.7	ug/L		07/10/25 02:27	07/10/25 03:04	1
Lead	1.2	U	1.2	0.42	ug/L		07/10/25 02:27	07/10/25 03:04	1
Magnesium	**35100**		200	21.8	ug/L		07/10/25 02:27	07/10/25 03:04	1
Manganese	**415**		8.0	0.84	ug/L		07/10/25 02:27	07/10/25 03:04	1
Nickel	**3.0**	**J**	4.0	1.4	ug/L		07/10/25 02:27	07/10/25 03:04	1

Client Sample ID: RXMW-10
Lab Sample ID: 460-329841-1
Date Collected: 07/02/25 08:50
Matrix: Water
Date Received: 07/02/25 19:50

Method: SW846 6020B - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**27600**		200	114	ug/L		07/10/25 02:27	07/10/25 03:04	1
Selenium	2.5	U	2.5	0.43	ug/L		07/10/25 02:27	07/10/25 03:04	1
Silver	2.0	U	2.0	1.3	ug/L		07/10/25 02:27	07/10/25 03:04	1
Sodium	**198000**		500	180	ug/L		07/10/25 02:27	07/10/25 03:04	1
Thallium	0.50	U	0.50	0.16	ug/L		07/10/25 02:27	07/10/25 03:04	1
Vanadium	4.0	U	4.0	1.0	ug/L		07/10/25 02:27	07/10/25 03:04	1
Zinc	16.0	U	16.0	4.2	ug/L		07/10/25 02:27	07/10/25 03:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		07/09/25 09:37	07/09/25 17:48	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		07/09/25 08:47	07/09/25 16:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	10.0	U	10.0	10.0	ug/L			07/09/25 05:07	1
Cr (VI) (SW846 7196A)	10.0	U	10.0	2.9	ug/L			07/03/25 07:45	1
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0040	mg/L		07/08/25 07:33	07/08/25 12:50	1

Client Sample ID: Trip Blank
Lab Sample ID: 460-329841-2
Date Collected: 07/02/25 08:50
Matrix: Water
Date Received: 07/02/25 19:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			07/08/25 02:40	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			07/08/25 02:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			07/08/25 02:40	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			07/08/25 02:40	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			07/08/25 02:40	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			07/08/25 02:40	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			07/08/25 02:40	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			07/08/25 02:40	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			07/08/25 02:40	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			07/08/25 02:40	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			07/08/25 02:40	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			07/08/25 02:40	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			07/08/25 02:40	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			07/08/25 02:40	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			07/08/25 02:40	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			07/08/25 02:40	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			07/08/25 02:40	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			07/08/25 02:40	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			07/08/25 02:40	1
Acetone	5.0	U	5.0	4.4	ug/L			07/08/25 02:40	1
Benzene	0.45	U	0.45	0.070	ug/L			07/08/25 02:40	1
Bromoform	1.0	U	1.0	0.54	ug/L			07/08/25 02:40	1
Bromomethane	1.0	U	1.0	0.55	ug/L			07/08/25 02:40	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329841-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: Trip Blank
Lab Sample ID: 460-329841-2
Date Collected: 07/02/25 08:50
Matrix: Water
Date Received: 07/02/25 19:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	1.0	U	1.0	0.82	ug/L			07/08/25 02:40	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			07/08/25 02:40	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			07/08/25 02:40	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			07/08/25 02:40	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			07/08/25 02:40	1
Chloroethane	1.0	U	1.0	0.32	ug/L			07/08/25 02:40	1
Chloroform	1.0	U	1.0	0.33	ug/L			07/08/25 02:40	1
Chloromethane	1.0	U	1.0	0.40	ug/L			07/08/25 02:40	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			07/08/25 02:40	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			07/08/25 02:40	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			07/08/25 02:40	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			07/08/25 02:40	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/08/25 02:40	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			07/08/25 02:40	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			07/08/25 02:40	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			07/08/25 02:40	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			07/08/25 02:40	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			07/08/25 02:40	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			07/08/25 02:40	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			07/08/25 02:40	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			07/08/25 02:40	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			07/08/25 02:40	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			07/08/25 02:40	1
o-Xylene	1.0	U	1.0	0.36	ug/L			07/08/25 02:40	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			07/08/25 02:40	1
Styrene	1.0	U	1.0	0.42	ug/L			07/08/25 02:40	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			07/08/25 02:40	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			07/08/25 02:40	1
Toluene	1.0	U	1.0	0.38	ug/L			07/08/25 02:40	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			07/08/25 02:40	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			07/08/25 02:40	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			07/08/25 02:40	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			07/08/25 02:40	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			07/08/25 02:40	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			07/08/25 02:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 128*		*07/08/25 02:40*	*1*
4-Bromofluorobenzene	*87*		*76 - 120*		*07/08/25 02:40*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*07/08/25 02:40*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*07/08/25 02:40*	*1*

Surrogate Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329841-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-329841-1	RXMW-10	88	96	99	99
460-329841-2	Trip Blank	85	87	100	96
LCS 460-1048359/4	Lab Control Sample	85	92	96	99
LCS 460-1048442/4	Lab Control Sample	84	94	96	98
LCSD 460-1048359/5	Lab Control Sample Dup	85	94	96	99
LCSD 460-1048442/5	Lab Control Sample Dup	84	93	95	97
MB 460-1048359/9	Method Blank	85	88	98	98
MB 460-1048442/10	Method Blank	84	89	99	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(24-150)	(38-139)	(10-90)	(39-145)	(10-68)	(10-133)
460-329772-D-2-A MS	Matrix Spike	60	73	49	97	33	42
460-329772-E-2-B MSD	Matrix Spike Duplicate	54	71	42	94	27	45
460-329841-1	RXMW-10	45	57	42	77	26	53
LCS 460-1047809/2-A	Lab Control Sample	56	69	39	89	25	41
LCSD 460-1047809/3-A	Lab Control Sample Dup	61	67	37	87	24	40
MB 460-1047809/1-A	Method Blank	46	54	38	81	23	65

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-131)	(10-131)	(31-120)	(31-120)
460-329841-1	RXMW-10	95	76	85	73
LCS 460-1048029/2-A	Lab Control Sample	86	75	81	78
LCSD 460-1048029/3-A	Lab Control Sample Dup	84	70	78	75
MB 460-1048029/1-A	Method Blank	112	91	98	97

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329841-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-127)	DCBP2 (10-127)	TCX1 (21-139)	TCX2 (21-139)
460-329841-1	RXMW-10	153 *	113	104	96
LCS 460-1048032/2-A	Lab Control Sample	120	118	112	107
LCSD 460-1048032/3-A	Lab Control Sample Dup	118	118	108	103
MB 460-1048032/1-A	Method Blank	119	117	105	100

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPAA1 (10-150)	DCPAA2 (10-150)
460-329729-K-1-A MSD	Matrix Spike Duplicate	79	80
460-329729-N-1-B MS	Matrix Spike	101	104
460-329841-1	RXMW-10	80	84
LCS 460-1047751/2-A	Lab Control Sample	62	62
LCSD 460-1047751/3-A	Lab Control Sample Dup	96	98
MB 460-1047751/1-A	Method Blank	42	40

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Isotope Dilution Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329841-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DXE (10-150)						
460-329841-1	RXMW-10	43						
460-329901-E-3-A MSD	Matrix Spike Duplicate	38						
460-329901-F-3-B MS	Matrix Spike	34						
LCS 460-1048036/2-A	Lab Control Sample	48						
LCSD 460-1048036/3-A	Lab Control Sample Dup	49						
MB 460-1048036/1-A	Method Blank	43						

Surrogate Legend

DXE = 1,4-Dioxane-d8

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1048359/9
Matrix: Water
Analysis Batch: 1048359

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			07/07/25 21:05	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			07/07/25 21:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			07/07/25 21:05	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			07/07/25 21:05	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			07/07/25 21:05	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			07/07/25 21:05	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			07/07/25 21:05	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			07/07/25 21:05	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			07/07/25 21:05	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			07/07/25 21:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			07/07/25 21:05	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			07/07/25 21:05	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			07/07/25 21:05	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			07/07/25 21:05	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			07/07/25 21:05	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			07/07/25 21:05	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			07/07/25 21:05	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			07/07/25 21:05	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			07/07/25 21:05	1
Acetone	5.0	U	5.0	4.4	ug/L			07/07/25 21:05	1
Benzene	0.45	U	0.45	0.070	ug/L			07/07/25 21:05	1
Bromoform	1.0	U	1.0	0.54	ug/L			07/07/25 21:05	1
Bromomethane	1.0	U	1.0	0.55	ug/L			07/07/25 21:05	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			07/07/25 21:05	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			07/07/25 21:05	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			07/07/25 21:05	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			07/07/25 21:05	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			07/07/25 21:05	1
Chloroethane	1.0	U	1.0	0.32	ug/L			07/07/25 21:05	1
Chloroform	1.0	U	1.0	0.33	ug/L			07/07/25 21:05	1
Chloromethane	1.0	U	1.0	0.40	ug/L			07/07/25 21:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			07/07/25 21:05	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			07/07/25 21:05	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			07/07/25 21:05	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			07/07/25 21:05	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/07/25 21:05	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			07/07/25 21:05	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			07/07/25 21:05	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			07/07/25 21:05	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			07/07/25 21:05	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			07/07/25 21:05	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			07/07/25 21:05	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			07/07/25 21:05	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			07/07/25 21:05	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			07/07/25 21:05	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			07/07/25 21:05	1
o-Xylene	1.0	U	1.0	0.36	ug/L			07/07/25 21:05	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			07/07/25 21:05	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1048359/9
Matrix: Water
Analysis Batch: 1048359

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	1.0	U	1.0	0.42	ug/L			07/07/25 21:05	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			07/07/25 21:05	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			07/07/25 21:05	1
Toluene	1.0	U	1.0	0.38	ug/L			07/07/25 21:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			07/07/25 21:05	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			07/07/25 21:05	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			07/07/25 21:05	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			07/07/25 21:05	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			07/07/25 21:05	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			07/07/25 21:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 128*		*07/07/25 21:05*	*1*
4-Bromofluorobenzene	*88*		*76 - 120*		*07/07/25 21:05*	*1*
Dibromofluoromethane (Surr)	*98*		*77 - 132*		*07/07/25 21:05*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/07/25 21:05*	*1*

Lab Sample ID: LCS 460-1048359/4
Matrix: Water
Analysis Batch: 1048359

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	21.0		ug/L		105	72 - 128
1,1,2,2-Tetrachloroethane	20.0	21.6		ug/L		108	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.8		ug/L		104	65 - 142
1,1,2-Trichloroethane	20.0	22.9		ug/L		114	74 - 125
1,1-Dichloroethane	20.0	21.9		ug/L		110	73 - 130
1,1-Dichloroethene	20.0	24.6		ug/L		123	68 - 133
1,2,3-Trichlorobenzene	20.0	23.2		ug/L		116	55 - 150
1,2,4-Trichlorobenzene	20.0	21.1		ug/L		106	67 - 132
1,2,4-Trimethylbenzene	20.0	25.0		ug/L		125	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	19.9		ug/L		99	58 - 132
1,2-Dichlorobenzene	20.0	23.2		ug/L		116	80 - 120
1,2-Dichloroethane	20.0	20.4		ug/L		102	66 - 129
1,2-Dichloropropane	20.0	19.6		ug/L		98	72 - 128
1,3,5-Trimethylbenzene	20.0	24.9		ug/L		125	75 - 125
1,3-Dichlorobenzene	20.0	23.8		ug/L		119	80 - 120
1,4-Dichlorobenzene	20.0	23.3		ug/L		117	80 - 120
2-Butanone (MEK)	100	132		ug/L		132	65 - 142
2-Hexanone	100	84.5		ug/L		84	72 - 134
4-Methyl-2-pentanone (MIBK)	100	118		ug/L		118	77 - 130
Acetone	100	107		ug/L		107	60 - 133
Benzene	20.0	22.2		ug/L		111	71 - 126
Bromoform	20.0	18.3		ug/L		92	58 - 128
Bromomethane	20.0	28.4		ug/L		142	33 - 150
Carbon disulfide	20.0	23.0		ug/L		115	35 - 150
Carbon tetrachloride	20.0	19.6		ug/L		98	65 - 131
Chlorobenzene	20.0	23.4		ug/L		117	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1048359/4
Matrix: Water
Analysis Batch: 1048359

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	20.0	23.5		ug/L		118	71 - 134
Chlorodibromomethane	20.0	19.4		ug/L		97	73 - 121
Chloroethane	20.0	26.5		ug/L		133	54 - 150
Chloroform	20.0	22.3		ug/L		112	78 - 125
Chloromethane	20.0	25.7		ug/L		129	43 - 149
cis-1,2-Dichloroethene	20.0	23.4		ug/L		117	78 - 121
cis-1,3-Dichloropropene	20.0	21.6		ug/L		108	74 - 125
Cyclohexane	20.0	20.4		ug/L		102	64 - 142
Dichlorobromomethane	20.0	19.8		ug/L		99	76 - 121
Dichlorodifluoromethane	20.0	26.6		ug/L		133	38 - 144
Ethylbenzene	20.0	23.4		ug/L		117	78 - 120
Ethylene Dibromide	20.0	22.8		ug/L		114	79 - 126
Isopropylbenzene	20.0	24.3		ug/L		121	79 - 125
Methyl acetate	40.0	34.4		ug/L		86	50 - 147
Methyl tert-butyl ether	20.0	24.2		ug/L		121	72 - 131
Methylcyclohexane	20.0	20.7		ug/L		104	63 - 138
Methylene Chloride	20.0	23.4		ug/L		117	74 - 127
m-Xylene & p-Xylene	20.0	23.2		ug/L		116	78 - 120
n-Butylbenzene	20.0	24.0		ug/L		120	69 - 135
N-Propylbenzene	20.0	23.7		ug/L		118	68 - 129
o-Xylene	20.0	23.4		ug/L		117	78 - 120
sec-Butylbenzene	20.0	24.0		ug/L		120	77 - 129
Styrene	20.0	24.3		ug/L		121	82 - 127
tert-Butylbenzene	20.0	23.4		ug/L		117	78 - 120
Tetrachloroethene	20.0	21.2		ug/L		106	70 - 127
Toluene	20.0	22.8		ug/L		114	78 - 120
trans-1,2-Dichloroethene	20.0	23.6		ug/L		118	70 - 126
trans-1,3-Dichloropropene	20.0	21.7		ug/L		108	71 - 127
Trichloroethene	20.0	19.8		ug/L		99	73 - 121
Trichlorofluoromethane	20.0	21.7		ug/L		108	62 - 134
Vinyl chloride	20.0	26.6		ug/L		133	55 - 144
Xylenes, Total	40.0	46.6		ug/L		116	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 128*
4-Bromofluorobenzene	*92*		*76 - 120*
Dibromofluoromethane (Surr)	*96*		*77 - 132*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 460-1048359/5
Matrix: Water
Analysis Batch: 1048359

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	21.0		ug/L		105	72 - 128	0	30
1,1,2,2-Tetrachloroethane	20.0	21.4		ug/L		107	63 - 139	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.3		ug/L		106	65 - 142	2	30
1,1,2-Trichloroethane	20.0	21.8		ug/L		109	74 - 125	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1048359/5
Matrix: Water
Analysis Batch: 1048359

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	20.0	21.6		ug/L		108	73 - 130	1	30
1,1-Dichloroethene	20.0	24.9		ug/L		125	68 - 133	1	30
1,2,3-Trichlorobenzene	20.0	23.0		ug/L		115	55 - 150	1	30
1,2,4-Trichlorobenzene	20.0	21.2		ug/L		106	67 - 132	0	30
1,2,4-Trimethylbenzene	20.0	24.9		ug/L		125	75 - 125	0	30
1,2-Dibromo-3-Chloropropane	20.0	20.4		ug/L		102	58 - 132	3	30
1,2-Dichlorobenzene	20.0	22.9		ug/L		114	80 - 120	1	30
1,2-Dichloroethane	20.0	20.0		ug/L		100	66 - 129	2	30
1,2-Dichloropropane	20.0	19.3		ug/L		96	72 - 128	2	30
1,3,5-Trimethylbenzene	20.0	24.7		ug/L		123	75 - 125	1	30
1,3-Dichlorobenzene	20.0	23.9		ug/L		119	80 - 120	0	30
1,4-Dichlorobenzene	20.0	23.5		ug/L		117	80 - 120	1	30
2-Butanone (MEK)	100	124		ug/L		124	65 - 142	6	30
2-Hexanone	100	81.5		ug/L		81	72 - 134	4	30
4-Methyl-2-pentanone (MIBK)	100	113		ug/L		113	77 - 130	4	30
Acetone	100	99.5		ug/L		100	60 - 133	8	30
Benzene	20.0	22.7		ug/L		113	71 - 126	2	30
Bromoform	20.0	18.6		ug/L		93	58 - 128	1	30
Bromomethane	20.0	28.4		ug/L		142	33 - 150	0	30
Carbon disulfide	20.0	23.3		ug/L		117	35 - 150	1	30
Carbon tetrachloride	20.0	19.9		ug/L		99	65 - 131	2	30
Chlorobenzene	20.0	23.2		ug/L		116	80 - 120	1	30
Chlorobromomethane	20.0	23.3		ug/L		116	71 - 134	1	30
Chlorodibromomethane	20.0	18.9		ug/L		94	73 - 121	3	30
Chloroethane	20.0	27.6		ug/L		138	54 - 150	4	30
Chloroform	20.0	21.9		ug/L		110	78 - 125	2	30
Chloromethane	20.0	26.6		ug/L		133	43 - 149	3	30
cis-1,2-Dichloroethene	20.0	23.6		ug/L		118	78 - 121	1	30
cis-1,3-Dichloropropene	20.0	22.0		ug/L		110	74 - 125	2	30
Cyclohexane	20.0	21.2		ug/L		106	64 - 142	4	30
Dichlorobromomethane	20.0	19.7		ug/L		99	76 - 121	1	30
Dichlorodifluoromethane	20.0	26.7		ug/L		133	38 - 144	0	30
Ethylbenzene	20.0	23.6		ug/L		118	78 - 120	1	30
Ethylene Dibromide	20.0	23.3		ug/L		116	79 - 126	2	30
Isopropylbenzene	20.0	24.5		ug/L		123	79 - 125	1	30
Methyl acetate	40.0	35.3		ug/L		88	50 - 147	3	30
Methyl tert-butyl ether	20.0	23.5		ug/L		118	72 - 131	3	30
Methylcyclohexane	20.0	21.0		ug/L		105	63 - 138	1	30
Methylene Chloride	20.0	23.8		ug/L		119	74 - 127	2	30
m-Xylene & p-Xylene	20.0	23.6		ug/L		118	78 - 120	2	30
n-Butylbenzene	20.0	24.6		ug/L		123	69 - 135	3	30
N-Propylbenzene	20.0	24.4		ug/L		122	68 - 129	3	30
o-Xylene	20.0	23.5		ug/L		117	78 - 120	0	30
sec-Butylbenzene	20.0	24.4		ug/L		122	77 - 129	2	30
Styrene	20.0	24.6		ug/L		123	82 - 127	1	30
tert-Butylbenzene	20.0	23.8		ug/L		119	78 - 120	2	30
Tetrachloroethene	20.0	21.8		ug/L		109	70 - 127	3	30
Toluene	20.0	23.0		ug/L		115	78 - 120	1	30
trans-1,2-Dichloroethene	20.0	24.3		ug/L		121	70 - 126	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1048359/5
Matrix: Water
Analysis Batch: 1048359

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			20.0	21.3		ug/L		107	71 - 127	1	30
Trichloroethene			20.0	19.6		ug/L		98	73 - 121	1	30
Trichlorofluoromethane			20.0	21.5		ug/L		108	62 - 134	1	30
Vinyl chloride			20.0	27.0		ug/L		135	55 - 144	1	30
Xylenes, Total			40.0	47.0		ug/L		118	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 128*
4-Bromofluorobenzene	*94*		*76 - 120*
Dibromofluoromethane (Surr)	*96*		*77 - 132*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 460-1048442/10
Matrix: Water
Analysis Batch: 1048442

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			07/08/25 09:18	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			07/08/25 09:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			07/08/25 09:18	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			07/08/25 09:18	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			07/08/25 09:18	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			07/08/25 09:18	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			07/08/25 09:18	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			07/08/25 09:18	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			07/08/25 09:18	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			07/08/25 09:18	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			07/08/25 09:18	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			07/08/25 09:18	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			07/08/25 09:18	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			07/08/25 09:18	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			07/08/25 09:18	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			07/08/25 09:18	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			07/08/25 09:18	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			07/08/25 09:18	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			07/08/25 09:18	1
Acetone	5.0	U	5.0	4.4	ug/L			07/08/25 09:18	1
Benzene	0.45	U	0.45	0.070	ug/L			07/08/25 09:18	1
Bromoform	1.0	U	1.0	0.54	ug/L			07/08/25 09:18	1
Bromomethane	1.0	U	1.0	0.55	ug/L			07/08/25 09:18	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			07/08/25 09:18	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			07/08/25 09:18	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			07/08/25 09:18	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			07/08/25 09:18	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			07/08/25 09:18	1
Chloroethane	1.0	U	1.0	0.32	ug/L			07/08/25 09:18	1
Chloroform	1.0	U	1.0	0.33	ug/L			07/08/25 09:18	1
Chloromethane	1.0	U	1.0	0.40	ug/L			07/08/25 09:18	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1048442/10
Matrix: Water
Analysis Batch: 1048442

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			07/08/25 09:18	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			07/08/25 09:18	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			07/08/25 09:18	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			07/08/25 09:18	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/08/25 09:18	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			07/08/25 09:18	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			07/08/25 09:18	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			07/08/25 09:18	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			07/08/25 09:18	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			07/08/25 09:18	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			07/08/25 09:18	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			07/08/25 09:18	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			07/08/25 09:18	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			07/08/25 09:18	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			07/08/25 09:18	1
o-Xylene	1.0	U	1.0	0.36	ug/L			07/08/25 09:18	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			07/08/25 09:18	1
Styrene	1.0	U	1.0	0.42	ug/L			07/08/25 09:18	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			07/08/25 09:18	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			07/08/25 09:18	1
Toluene	1.0	U	1.0	0.38	ug/L			07/08/25 09:18	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			07/08/25 09:18	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			07/08/25 09:18	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			07/08/25 09:18	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			07/08/25 09:18	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			07/08/25 09:18	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			07/08/25 09:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 128*		*07/08/25 09:18*	*1*
4-Bromofluorobenzene	*89*		*76 - 120*		*07/08/25 09:18*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 132*		*07/08/25 09:18*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/08/25 09:18*	*1*

Lab Sample ID: LCS 460-1048442/4
Matrix: Water
Analysis Batch: 1048442

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	20.2		ug/L		101	72 - 128
1,1,2,2-Tetrachloroethane	20.0	18.2		ug/L		91	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.7		ug/L		113	65 - 142
1,1,2-Trichloroethane	20.0	20.7		ug/L		104	74 - 125
1,1-Dichloroethane	20.0	20.3		ug/L		101	73 - 130
1,1-Dichloroethene	20.0	23.8		ug/L		119	68 - 133
1,2,3-Trichlorobenzene	20.0	18.8		ug/L		94	55 - 150
1,2,4-Trichlorobenzene	20.0	18.6		ug/L		93	67 - 132
1,2,4-Trimethylbenzene	20.0	22.3		ug/L		112	75 - 125

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-32 College Point Blvd, Flushing, NY

Job ID: 460-329841-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1048442/4
Matrix: Water
Analysis Batch: 1048442

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	20.0	16.0		ug/L		80	58 - 132
1,2-Dichlorobenzene	20.0	21.1		ug/L		105	80 - 120
1,2-Dichloroethane	20.0	18.8		ug/L		94	66 - 129
1,2-Dichloropropane	20.0	18.3		ug/L		91	72 - 128
1,3,5-Trimethylbenzene	20.0	22.1		ug/L		110	75 - 125
1,3-Dichlorobenzene	20.0	21.2		ug/L		106	80 - 120
1,4-Dichlorobenzene	20.0	21.3		ug/L		106	80 - 120
2-Butanone (MEK)	100	130		ug/L		130	65 - 142
2-Hexanone	100	78.5		ug/L		78	72 - 134
4-Methyl-2-pentanone (MIBK)	100	110		ug/L		110	77 - 130
Acetone	100	102		ug/L		102	60 - 133
Benzene	20.0	21.2		ug/L		106	71 - 126
Bromoform	20.0	16.8		ug/L		84	58 - 128
Bromomethane	20.0	28.3		ug/L		141	33 - 150
Carbon disulfide	20.0	22.7		ug/L		113	35 - 150
Carbon tetrachloride	20.0	19.7		ug/L		98	65 - 131
Chlorobenzene	20.0	21.6		ug/L		108	80 - 120
Chlorobromomethane	20.0	21.5		ug/L		108	71 - 134
Chlorodibromomethane	20.0	18.0		ug/L		90	73 - 121
Chloroethane	20.0	26.6		ug/L		133	54 - 150
Chloroform	20.0	21.0		ug/L		105	78 - 125
Chloromethane	20.0	28.1		ug/L		141	43 - 149
cis-1,2-Dichloroethene	20.0	21.8		ug/L		109	78 - 121
cis-1,3-Dichloropropene	20.0	19.1		ug/L		96	74 - 125
Cyclohexane	20.0	21.9		ug/L		109	64 - 142
Dichlorobromomethane	20.0	18.3		ug/L		92	76 - 121
Dichlorodifluoromethane	20.0	30.0	*	ug/L		150	38 - 144
Ethylbenzene	20.0	22.4		ug/L		112	78 - 120
Ethylene Dibromide	20.0	20.1		ug/L		101	79 - 126
Isopropylbenzene	20.0	22.4		ug/L		112	79 - 125
Methyl acetate	40.0	33.6		ug/L		84	50 - 147
Methyl tert-butyl ether	20.0	20.2		ug/L		101	72 - 131
Methylcyclohexane	20.0	22.3		ug/L		112	63 - 138
Methylene Chloride	20.0	21.8		ug/L		109	74 - 127
m-Xylene & p-Xylene	20.0	21.8		ug/L		109	78 - 120
n-Butylbenzene	20.0	22.0		ug/L		110	69 - 135
N-Propylbenzene	20.0	21.8		ug/L		109	68 - 129
o-Xylene	20.0	21.9		ug/L		110	78 - 120
sec-Butylbenzene	20.0	22.0		ug/L		110	77 - 129
Styrene	20.0	23.0		ug/L		115	82 - 127
tert-Butylbenzene	20.0	21.2		ug/L		106	78 - 120
Tetrachloroethene	20.0	20.6		ug/L		103	70 - 127
Toluene	20.0	21.4		ug/L		107	78 - 120
trans-1,2-Dichloroethene	20.0	22.5		ug/L		113	70 - 126
trans-1,3-Dichloropropene	20.0	18.9		ug/L		95	71 - 127
Trichloroethene	20.0	18.5		ug/L		92	73 - 121
Trichlorofluoromethane	20.0	23.0		ug/L		115	62 - 134
Vinyl chloride	20.0	27.0		ug/L		135	55 - 144
Xylenes, Total	40.0	43.7		ug/L		109	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 128
4-Bromofluorobenzene	94		76 - 120
Dibromofluoromethane (Surr)	96		77 - 132
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: LCSD 460-1048442/5
Matrix: Water
Analysis Batch: 1048442

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	20.7		ug/L		103	72 - 128	2	30
1,1,2,2-Tetrachloroethane			20.0	19.8		ug/L		99	63 - 139	8	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	23.7		ug/L		118	65 - 142	4	30
1,1,2-Trichloroethane			20.0	21.1		ug/L		106	74 - 125	2	30
1,1-Dichloroethane			20.0	20.8		ug/L		104	73 - 130	3	30
1,1-Dichloroethene			20.0	23.8		ug/L		119	68 - 133	0	30
1,2,3-Trichlorobenzene			20.0	20.9		ug/L		105	55 - 150	11	30
1,2,4-Trichlorobenzene			20.0	19.8		ug/L		99	67 - 132	6	30
1,2,4-Trimethylbenzene			20.0	23.5		ug/L		118	75 - 125	5	30
1,2-Dibromo-3-Chloropropane			20.0	16.6		ug/L		83	58 - 132	4	30
1,2-Dichlorobenzene			20.0	21.6		ug/L		108	80 - 120	3	30
1,2-Dichloroethane			20.0	19.1		ug/L		95	66 - 129	1	30
1,2-Dichloropropane			20.0	18.9		ug/L		94	72 - 128	3	30
1,3,5-Trimethylbenzene			20.0	23.4		ug/L		117	75 - 125	6	30
1,3-Dichlorobenzene			20.0	22.4		ug/L		112	80 - 120	6	30
1,4-Dichlorobenzene			20.0	22.1		ug/L		111	80 - 120	4	30
2-Butanone (MEK)			100	122		ug/L		122	65 - 142	6	30
2-Hexanone			100	80.3		ug/L		80	72 - 134	2	30
4-Methyl-2-pentanone (MIBK)			100	109		ug/L		109	77 - 130	1	30
Acetone			100	107		ug/L		107	60 - 133	5	30
Benzene			20.0	21.8		ug/L		109	71 - 126	3	30
Bromoform			20.0	16.2		ug/L		81	58 - 128	4	30
Bromomethane			20.0	28.3		ug/L		141	33 - 150	0	30
Carbon disulfide			20.0	24.0		ug/L		120	35 - 150	6	30
Carbon tetrachloride			20.0	20.5		ug/L		102	65 - 131	4	30
Chlorobenzene			20.0	22.6		ug/L		113	80 - 120	5	30
Chlorobromomethane			20.0	21.8		ug/L		109	71 - 134	1	30
Chlorodibromomethane			20.0	18.4		ug/L		92	73 - 121	2	30
Chloroethane			20.0	27.1		ug/L		136	54 - 150	2	30
Chloroform			20.0	21.7		ug/L		109	78 - 125	4	30
Chloromethane			20.0	27.1		ug/L		135	43 - 149	4	30
cis-1,2-Dichloroethene			20.0	22.6		ug/L		113	78 - 121	4	30
cis-1,3-Dichloropropene			20.0	20.5		ug/L		103	74 - 125	7	30
Cyclohexane			20.0	23.3		ug/L		116	64 - 142	6	30
Dichlorobromomethane			20.0	18.8		ug/L		94	76 - 121	3	30
Dichlorodifluoromethane			20.0	31.9	*	ug/L		160	38 - 144	6	30
Ethylbenzene			20.0	23.1		ug/L		115	78 - 120	3	30
Ethylene Dibromide			20.0	20.2		ug/L		101	79 - 126	1	30
Isopropylbenzene			20.0	23.0		ug/L		115	79 - 125	2	30
Methyl acetate			40.0	33.5		ug/L		84	50 - 147	0	30
Methyl tert-butyl ether			20.0	21.4		ug/L		107	72 - 131	6	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1048442/5
Matrix: Water
Analysis Batch: 1048442

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylcyclohexane			20.0	23.5		ug/L		117	63 - 138	5	30
Methylene Chloride			20.0	22.7		ug/L		113	74 - 127	4	30
m-Xylene & p-Xylene			20.0	22.1		ug/L		110	78 - 120	1	30
n-Butylbenzene			20.0	22.9		ug/L		115	69 - 135	4	30
N-Propylbenzene			20.0	22.7		ug/L		113	68 - 129	4	30
o-Xylene			20.0	22.2		ug/L		111	78 - 120	1	30
sec-Butylbenzene			20.0	23.4		ug/L		117	77 - 129	6	30
Styrene			20.0	23.9		ug/L		119	82 - 127	4	30
tert-Butylbenzene			20.0	21.9		ug/L		109	78 - 120	3	30
Tetrachloroethene			20.0	21.4		ug/L		107	70 - 127	4	30
Toluene			20.0	21.9		ug/L		109	78 - 120	2	30
trans-1,2-Dichloroethene			20.0	23.0		ug/L		115	70 - 126	2	30
trans-1,3-Dichloropropene			20.0	19.9		ug/L		99	71 - 127	5	30
Trichloroethene			20.0	18.9		ug/L		94	73 - 121	2	30
Trichlorofluoromethane			20.0	23.4		ug/L		117	62 - 134	2	30
Vinyl chloride			20.0	27.7		ug/L		139	55 - 144	3	30
Xylenes, Total			40.0	44.2		ug/L		111	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 128*
4-Bromofluorobenzene	*93*		*76 - 120*
Dibromofluoromethane (Surr)	*95*		*77 - 132*
Toluene-d8 (Surr)	*97*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1047809/1-A
Matrix: Water
Analysis Batch: 1047910

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1047809

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	5.0	U	5.0	1.2	ug/L		07/03/25 09:43	07/03/25 20:58	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		07/03/25 09:43	07/03/25 20:58	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		07/03/25 09:43	07/03/25 20:58	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		07/03/25 09:43	07/03/25 20:58	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		07/03/25 09:43	07/03/25 20:58	1
2,4,6-Trichlorophenol	3.0	U	3.0	0.86	ug/L		07/03/25 09:43	07/03/25 20:58	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		07/03/25 09:43	07/03/25 20:58	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		07/03/25 09:43	07/03/25 20:58	1
2,4-Dinitrophenol	40	U	40	11	ug/L		07/03/25 09:43	07/03/25 20:58	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		07/03/25 09:43	07/03/25 20:58	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		07/03/25 09:43	07/03/25 20:58	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		07/03/25 09:43	07/03/25 20:58	1
2-Chlorophenol	10	U	10	0.95	ug/L		07/03/25 09:43	07/03/25 20:58	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		07/03/25 09:43	07/03/25 20:58	1
2-Methylphenol	10	U	10	0.67	ug/L		07/03/25 09:43	07/03/25 20:58	1
2-Nitroaniline	10	U	10	1.2	ug/L		07/03/25 09:43	07/03/25 20:58	1
2-Nitrophenol	10	U	10	0.75	ug/L		07/03/25 09:43	07/03/25 20:58	1
3 & 4 Methylphenol	10	U	10	0.64	ug/L		07/03/25 09:43	07/03/25 20:58	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329841-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1047809/1-A
Matrix: Water
Analysis Batch: 1047910

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1047809

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	5.2	U	5.2	1.4	ug/L		07/03/25 09:43	07/03/25 20:58	1
3-Nitroaniline	10	U	10	1.9	ug/L		07/03/25 09:43	07/03/25 20:58	1
4,6-Dinitro-2-methylphenol	20	U	20	8.6	ug/L		07/03/25 09:43	07/03/25 20:58	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		07/03/25 09:43	07/03/25 20:58	1
4-Chloro-3-methylphenol	10	U	10	1.3	ug/L		07/03/25 09:43	07/03/25 20:58	1
4-Chloroaniline	5.0	U	5.0	1.9	ug/L		07/03/25 09:43	07/03/25 20:58	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		07/03/25 09:43	07/03/25 20:58	1
4-Methylphenol	10	U	10	0.65	ug/L		07/03/25 09:43	07/03/25 20:58	1
4-Nitroaniline	10	U	10	1.2	ug/L		07/03/25 09:43	07/03/25 20:58	1
4-Nitrophenol	20	U	20	4.0	ug/L		07/03/25 09:43	07/03/25 20:58	1
Acenaphthene	10	U	10	1.1	ug/L		07/03/25 09:43	07/03/25 20:58	1
Acenaphthylene	10	U	10	0.82	ug/L		07/03/25 09:43	07/03/25 20:58	1
Acetophenone	10	U	10	2.3	ug/L		07/03/25 09:43	07/03/25 20:58	1
Anthracene	10	U	10	1.3	ug/L		07/03/25 09:43	07/03/25 20:58	1
Atrazine	2.0	U	2.0	1.3	ug/L		07/03/25 09:43	07/03/25 20:58	1
Benzaldehyde	10	U	10	2.1	ug/L		07/03/25 09:43	07/03/25 20:58	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		07/03/25 09:43	07/03/25 20:58	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		07/03/25 09:43	07/03/25 20:58	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		07/03/25 09:43	07/03/25 20:58	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		07/03/25 09:43	07/03/25 20:58	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		07/03/25 09:43	07/03/25 20:58	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		07/03/25 09:43	07/03/25 20:58	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		07/03/25 09:43	07/03/25 20:58	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		07/03/25 09:43	07/03/25 20:58	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		07/03/25 09:43	07/03/25 20:58	1
Caprolactam	10	U	10	2.2	ug/L		07/03/25 09:43	07/03/25 20:58	1
Carbazole	10	U	10	0.68	ug/L		07/03/25 09:43	07/03/25 20:58	1
Chrysene	2.0	U	2.0	0.91	ug/L		07/03/25 09:43	07/03/25 20:58	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		07/03/25 09:43	07/03/25 20:58	1
Dibenzofuran	10	U	10	1.1	ug/L		07/03/25 09:43	07/03/25 20:58	1
Diethyl phthalate	10	U	10	0.98	ug/L		07/03/25 09:43	07/03/25 20:58	1
Dimethyl phthalate	10	U	10	0.77	ug/L		07/03/25 09:43	07/03/25 20:58	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		07/03/25 09:43	07/03/25 20:58	1
Di-n-octyl phthalate	10	U	10	4.0	ug/L		07/03/25 09:43	07/03/25 20:58	1
Fluoranthene	10	U	10	0.84	ug/L		07/03/25 09:43	07/03/25 20:58	1
Fluorene	10	U	10	0.91	ug/L		07/03/25 09:43	07/03/25 20:58	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		07/03/25 09:43	07/03/25 20:58	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		07/03/25 09:43	07/03/25 20:58	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		07/03/25 09:43	07/03/25 20:58	1
Hexachloroethane	0.80	U	0.80	0.31	ug/L		07/03/25 09:43	07/03/25 20:58	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		07/03/25 09:43	07/03/25 20:58	1
Isophorone	10	U	10	0.80	ug/L		07/03/25 09:43	07/03/25 20:58	1
Naphthalene	2.0	U	2.0	0.54	ug/L		07/03/25 09:43	07/03/25 20:58	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		07/03/25 09:43	07/03/25 20:58	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		07/03/25 09:43	07/03/25 20:58	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		07/03/25 09:43	07/03/25 20:58	1
Pentachlorophenol	20	U	20	6.6	ug/L		07/03/25 09:43	07/03/25 20:58	1
Phenanthrene	10	U	10	1.3	ug/L		07/03/25 09:43	07/03/25 20:58	1
Phenol	10	U	10	0.29	ug/L		07/03/25 09:43	07/03/25 20:58	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1047809/1-A
Matrix: Water
Analysis Batch: 1047910

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1047809

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	10	U	10	1.6	ug/L		07/03/25 09:43	07/03/25 20:58	1
1,4-Dioxane	10	U	10	1.6	ug/L		07/03/25 09:43	07/03/25 20:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*46*		*24 - 150*	*07/03/25 09:43*	*07/03/25 20:58*	*1*
2-Fluorobiphenyl	*54*		*38 - 139*	*07/03/25 09:43*	*07/03/25 20:58*	*1*
2-Fluorophenol (Surr)	*38*		*10 - 90*	*07/03/25 09:43*	*07/03/25 20:58*	*1*
Nitrobenzene-d5 (Surr)	*81*		*39 - 145*	*07/03/25 09:43*	*07/03/25 20:58*	*1*
Phenol-d5 (Surr)	*23*		*10 - 68*	*07/03/25 09:43*	*07/03/25 20:58*	*1*
Terphenyl-d14 (Surr)	*65*		*10 - 133*	*07/03/25 09:43*	*07/03/25 20:58*	*1*

Lab Sample ID: LCS 460-1047809/2-A
Matrix: Water
Analysis Batch: 1047910

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1047809

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	80.0	71.7		ug/L		90	56 - 123
1,2,4,5-Tetrachlorobenzene	80.0	58.2		ug/L		73	51 - 127
2,2'-oxybis[1-chloropropane]	80.0	95.7		ug/L		120	47 - 122
2,3,4,6-Tetrachlorophenol	80.0	54.5		ug/L		68	56 - 131
2,4,5-Trichlorophenol	80.0	57.9		ug/L		72	55 - 124
2,4,6-Trichlorophenol	80.0	63.2		ug/L		79	57 - 131
2,4-Dichlorophenol	80.0	56.8		ug/L		71	53 - 120
2,4-Dimethylphenol	80.0	58.8		ug/L		74	60 - 136
2,4-Dinitrophenol	160	114		ug/L		71	50 - 148
2,4-Dinitrotoluene	80.0	65.4		ug/L		82	62 - 142
2,6-Dinitrotoluene	80.0	64.7		ug/L		81	62 - 136
2-Chloronaphthalene	80.0	68.2		ug/L		85	54 - 129
2-Chlorophenol	80.0	56.5		ug/L		71	46 - 103
2-Methylnaphthalene	80.0	63.0		ug/L		79	45 - 110
2-Methylphenol	80.0	50.7		ug/L		63	39 - 95
2-Nitroaniline	80.0	85.9		ug/L		107	49 - 134
2-Nitrophenol	80.0	63.2		ug/L		79	54 - 124
3 & 4 Methylphenol	80.0	44.0		ug/L		55	44 - 89
3,3'-Dichlorobenzidine	80.0	58.5		ug/L		73	44 - 136
3-Nitroaniline	80.0	45.4		ug/L		57	33 - 120
4,6-Dinitro-2-methylphenol	160	130		ug/L		81	54 - 145
4-Bromophenyl phenyl ether	80.0	62.5		ug/L		78	59 - 132
4-Chloro-3-methylphenol	80.0	61.5		ug/L		77	50 - 120
4-Chloroaniline	80.0	44.0		ug/L		55	26 - 120
4-Chlorophenyl phenyl ether	80.0	60.4		ug/L		76	61 - 127
4-Methylphenol	80.0	44.5		ug/L		56	33 - 89
4-Nitroaniline	80.0	58.2		ug/L		73	49 - 135
4-Nitrophenol	160	62.6		ug/L		39	10 - 78
Acenaphthene	80.0	66.9		ug/L		84	58 - 127
Acenaphthylene	80.0	65.7		ug/L		82	63 - 133
Acetophenone	80.0	75.9		ug/L		95	54 - 125
Anthracene	80.0	69.1		ug/L		86	59 - 127

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1047809/2-A
Matrix: Water
Analysis Batch: 1047910

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1047809

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Atrazine	40.0	58.2		ug/L		146	10 - 150
Benzaldehyde	40.0	68.8	*	ug/L		172	16 - 150
Benzo[a]anthracene	80.0	63.6		ug/L		80	58 - 131
Benzo[a]pyrene	80.0	73.0		ug/L		91	63 - 148
Benzo[b]fluoranthene	80.0	68.1		ug/L		85	60 - 140
Benzo[g,h,i]perylene	80.0	82.8		ug/L		104	52 - 150
Benzo[k]fluoranthene	80.0	67.6		ug/L		85	60 - 140
Bis(2-chloroethoxy)methane	80.0	72.7		ug/L		91	57 - 122
Bis(2-chloroethyl)ether	80.0	74.9		ug/L		94	55 - 125
Bis(2-ethylhexyl) phthalate	80.0	78.8		ug/L		98	57 - 144
Butyl benzyl phthalate	80.0	77.2		ug/L		96	55 - 141
Caprolactam	40.0	12.2		ug/L		30	10 - 66
Carbazole	80.0	70.6		ug/L		88	58 - 132
Chrysene	80.0	58.7		ug/L		73	57 - 132
Dibenz(a,h)anthracene	80.0	81.5		ug/L		102	53 - 150
Dibenzofuran	80.0	64.3		ug/L		80	59 - 125
Diethyl phthalate	80.0	65.1		ug/L		81	56 - 131
Dimethyl phthalate	80.0	63.9		ug/L		80	60 - 129
Di-n-butyl phthalate	80.0	77.0		ug/L		96	55 - 139
Di-n-octyl phthalate	80.0	80.9		ug/L		101	51 - 150
Fluoranthene	80.0	68.0		ug/L		85	59 - 137
Fluorene	80.0	64.9		ug/L		81	61 - 125
Hexachlorobenzene	80.0	61.6		ug/L		77	62 - 135
Hexachlorobutadiene	80.0	53.1		ug/L		66	16 - 147
Hexachlorocyclopentadiene	80.0	53.9		ug/L		67	27 - 150
Hexachloroethane	80.0	62.7		ug/L		78	10 - 138
Indeno[1,2,3-cd]pyrene	80.0	73.7		ug/L		92	54 - 150
Isophorone	80.0	79.8		ug/L		100	58 - 128
Naphthalene	80.0	66.9		ug/L		84	45 - 126
Nitrobenzene	80.0	69.2		ug/L		86	58 - 127
N-Nitrosodi-n-propylamine	80.0	85.3		ug/L		107	53 - 133
N-Nitrosodiphenylamine	80.0	70.6		ug/L		88	57 - 128
Pentachlorophenol	160	128		ug/L		80	54 - 140
Phenanthrene	80.0	69.6		ug/L		87	58 - 126
Phenol	80.0	23.7		ug/L		30	13 - 58
Pyrene	80.0	63.2		ug/L		79	53 - 137
1,4-Dioxane	80.0	36.0		ug/L		45	21 - 64

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*56*		*24 - 150*
2-Fluorobiphenyl	*69*		*38 - 139*
2-Fluorophenol (Surr)	*39*		*10 - 90*
Nitrobenzene-d5 (Surr)	*89*		*39 - 145*
Phenol-d5 (Surr)	*25*		*10 - 68*
Terphenyl-d14 (Surr)	*41*		*10 - 133*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1047809/3-A
Matrix: Water
Analysis Batch: 1047910

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1047809

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			80.0	69.0		ug/L		86	56 - 123	4	30
1,2,4,5-Tetrachlorobenzene			80.0	54.8		ug/L		69	51 - 127	6	30
2,2'-oxybis[1-chloropropane]			80.0	91.5		ug/L		114	47 - 122	5	30
2,3,4,6-Tetrachlorophenol			80.0	57.7		ug/L		72	56 - 131	6	30
2,4,5-Trichlorophenol			80.0	57.3		ug/L		72	55 - 124	1	30
2,4,6-Trichlorophenol			80.0	61.7		ug/L		77	57 - 131	2	30
2,4-Dichlorophenol			80.0	58.3		ug/L		73	53 - 120	3	30
2,4-Dimethylphenol			80.0	60.3		ug/L		75	60 - 136	2	30
2,4-Dinitrophenol			160	135		ug/L		84	50 - 148	17	30
2,4-Dinitrotoluene			80.0	71.8		ug/L		90	62 - 142	9	30
2,6-Dinitrotoluene			80.0	67.8		ug/L		85	62 - 136	5	30
2-Chloronaphthalene			80.0	65.6		ug/L		82	54 - 129	4	30
2-Chlorophenol			80.0	56.5		ug/L		71	46 - 103	0	30
2-Methylnaphthalene			80.0	67.4		ug/L		84	45 - 110	7	30
2-Methylphenol			80.0	51.7		ug/L		65	39 - 95	2	30
2-Nitroaniline			80.0	83.2		ug/L		104	49 - 134	3	30
2-Nitrophenol			80.0	62.8		ug/L		79	54 - 124	1	30
3 & 4 Methylphenol			80.0	45.8		ug/L		57	44 - 89	4	30
3,3'-Dichlorobenzidine			80.0	57.3		ug/L		72	44 - 136	2	30
3-Nitroaniline			80.0	47.8		ug/L		60	33 - 120	5	30
4,6-Dinitro-2-methylphenol			160	138		ug/L		86	54 - 145	6	30
4-Bromophenyl phenyl ether			80.0	60.0		ug/L		75	59 - 132	4	30
4-Chloro-3-methylphenol			80.0	65.0		ug/L		81	50 - 120	6	30
4-Chloroaniline			80.0	45.6		ug/L		57	26 - 120	3	30
4-Chlorophenyl phenyl ether			80.0	62.0		ug/L		78	61 - 127	3	30
4-Methylphenol			80.0	45.7		ug/L		57	33 - 89	3	30
4-Nitroaniline			80.0	64.6		ug/L		81	49 - 135	10	30
4-Nitrophenol			160	65.1		ug/L		41	10 - 78	4	30
Acenaphthene			80.0	66.6		ug/L		83	58 - 127	0	30
Acenaphthylene			80.0	66.1		ug/L		83	63 - 133	1	30
Acetophenone			80.0	78.5		ug/L		98	54 - 125	3	30
Anthracene			80.0	69.1		ug/L		86	59 - 127	0	30
Atrazine			40.0	59.7		ug/L		149	10 - 150	2	30
Benzaldehyde			40.0	66.9	*	ug/L		167	16 - 150	3	30
Benzo[a]anthracene			80.0	61.8		ug/L		77	58 - 131	3	30
Benzo[a]pyrene			80.0	71.4		ug/L		89	63 - 148	2	30
Benzo[b]fluoranthene			80.0	72.5		ug/L		91	60 - 140	6	30
Benzo[g,h,i]perylene			80.0	68.2		ug/L		85	52 - 150	19	30
Benzo[k]fluoranthene			80.0	72.1		ug/L		90	60 - 140	6	30
Bis(2-chloroethoxy)methane			80.0	72.8		ug/L		91	57 - 122	0	30
Bis(2-chloroethyl)ether			80.0	74.5		ug/L		93	55 - 125	1	30
Bis(2-ethylhexyl) phthalate			80.0	74.9		ug/L		94	57 - 144	5	30
Butyl benzyl phthalate			80.0	73.1		ug/L		91	55 - 141	5	30
Caprolactam			40.0	12.7		ug/L		32	10 - 66	4	30
Carbazole			80.0	72.6		ug/L		91	58 - 132	3	30
Chrysene			80.0	58.2		ug/L		73	57 - 132	1	30
Dibenz(a,h)anthracene			80.0	69.0		ug/L		86	53 - 150	17	30
Dibenzofuran			80.0	64.8		ug/L		81	59 - 125	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1047809/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1047910
Prep Batch: 1047809

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diethyl phthalate			80.0	70.7		ug/L		88	56 - 131	8	30
Dimethyl phthalate			80.0	67.6		ug/L		84	60 - 129	6	30
Di-n-butyl phthalate			80.0	78.5		ug/L		98	55 - 139	2	30
Di-n-octyl phthalate			80.0	87.6		ug/L		110	51 - 150	8	30
Fluoranthene			80.0	71.1		ug/L		89	59 - 137	4	30
Fluorene			80.0	67.4		ug/L		84	61 - 125	4	30
Hexachlorobenzene			80.0	62.0		ug/L		78	62 - 135	1	30
Hexachlorobutadiene			80.0	53.9		ug/L		67	16 - 147	1	30
Hexachlorocyclopentadiene			80.0	51.2		ug/L		64	27 - 150	5	30
Hexachloroethane			80.0	61.2		ug/L		77	10 - 138	2	30
Indeno[1,2,3-cd]pyrene			80.0	63.1		ug/L		79	54 - 150	15	30
Isophorone			80.0	80.5		ug/L		101	58 - 128	1	30
Naphthalene			80.0	67.0		ug/L		84	45 - 126	0	30
Nitrobenzene			80.0	70.5		ug/L		88	58 - 127	2	30
N-Nitrosodi-n-propylamine			80.0	86.0		ug/L		108	53 - 133	1	30
N-Nitrosodiphenylamine			80.0	66.7		ug/L		83	57 - 128	6	30
Pentachlorophenol			160	136		ug/L		85	54 - 140	5	30
Phenanthrene			80.0	69.0		ug/L		86	58 - 126	1	30
Phenol			80.0	24.1		ug/L		30	13 - 58	2	30
Pyrene			80.0	60.5		ug/L		76	53 - 137	4	30
1,4-Dioxane			80.0	29.7		ug/L		37	21 - 64	19	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*61*		*24 - 150*
2-Fluorobiphenyl	*67*		*38 - 139*
2-Fluorophenol (Surr)	*37*		*10 - 90*
Nitrobenzene-d5 (Surr)	*87*		*39 - 145*
Phenol-d5 (Surr)	*24*		*10 - 68*
Terphenyl-d14 (Surr)	*40*		*10 - 133*

Lab Sample ID: 460-329772-D-2-A MS
Client Sample ID: Matrix Spike
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1047910
Prep Batch: 1047809

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	5.0	U	80.0	69.0		ug/L		86	56 - 123
1,2,4,5-Tetrachlorobenzene	10	U	80.0	56.7		ug/L		71	51 - 127
2,2'-oxybis[1-chloropropane]	10	U	80.0	100	*	ug/L		125	47 - 122
2,3,4,6-Tetrachlorophenol	10	U	80.0	53.7		ug/L		67	56 - 131
2,4,5-Trichlorophenol	10	U	80.0	55.5		ug/L		69	55 - 124
2,4,6-Trichlorophenol	3.0	U	80.0	60.2		ug/L		75	57 - 131
2,4-Dichlorophenol	10	U	80.0	57.5		ug/L		72	53 - 120
2,4-Dimethylphenol	10	U	80.0	61.4		ug/L		77	60 - 136
2,4-Dinitrophenol	40	U	160	118		ug/L		74	50 - 148
2,4-Dinitrotoluene	10	U	80.0	67.4		ug/L		84	62 - 142
2,6-Dinitrotoluene	2.0	U	80.0	64.0		ug/L		80	62 - 136
2-Chloronaphthalene	10	U	80.0	67.0		ug/L		84	54 - 129
2-Chlorophenol	10	U	80.0	62.2		ug/L		78	46 - 103

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-329772-D-2-A MS
Matrix: Water
Analysis Batch: 1047910

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1047809

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylnaphthalene	5.9	J	80.0	74.7		ug/L		86	45 - 110
2-Methylphenol	10	U	80.0	56.3		ug/L		70	39 - 95
2-Nitroaniline	10	U	80.0	86.3		ug/L		108	49 - 134
2-Nitrophenol	10	U	80.0	63.1		ug/L		79	54 - 124
3 & 4 Methylphenol	10	U	80.0	50.1		ug/L		63	44 - 89
3,3'-Dichlorobenzidine	5.2	U	80.0	38.6		ug/L		48	44 - 136
3-Nitroaniline	10	U	80.0	54.1		ug/L		68	33 - 120
4,6-Dinitro-2-methylphenol	20	U	160	129		ug/L		80	54 - 145
4-Bromophenyl phenyl ether	10	U	80.0	57.2		ug/L		72	59 - 132
4-Chloro-3-methylphenol	10	U	80.0	64.5		ug/L		81	50 - 120
4-Chloroaniline	5.0	U	80.0	55.8		ug/L		70	26 - 120
4-Chlorophenyl phenyl ether	10	U	80.0	59.5		ug/L		74	61 - 127
4-Methylphenol	10	U	80.0	50.5		ug/L		63	33 - 89
4-Nitroaniline	10	U	80.0	64.4		ug/L		81	49 - 135
4-Nitrophenol	20	U	160	75.8		ug/L		47	10 - 78
Acenaphthene	3.0	J	80.0	70.5		ug/L		84	58 - 127
Acenaphthylene	10	U	80.0	65.4		ug/L		82	63 - 133
Acetophenone	10	U	80.0	80.3		ug/L		100	54 - 125
Anthracene	10	U	80.0	67.7		ug/L		85	59 - 127
Atrazine	2.0	U	40.0	63.1	E *	ug/L		158	10 - 150
Benzaldehyde	10	U *	40.0	78.7	E *	ug/L		197	16 - 150
Benzo[a]anthracene	1.0	U	80.0	63.4		ug/L		79	58 - 131
Benzo[a]pyrene	1.0	U	80.0	67.5		ug/L		84	63 - 148
Benzo[b]fluoranthene	2.0	U	80.0	61.7		ug/L		77	60 - 140
Benzo[g,h,i]perylene	10	U	80.0	81.2		ug/L		102	52 - 150
Benzo[k]fluoranthene	1.0	U	80.0	65.5		ug/L		82	60 - 140
Bis(2-chloroethoxy)methane	10	U	80.0	72.9		ug/L		91	57 - 122
Bis(2-chloroethyl)ether	1.0	U	80.0	79.0		ug/L		99	55 - 125
Bis(2-ethylhexyl) phthalate	2.0	U	80.0	79.4		ug/L		99	57 - 144
Butyl benzyl phthalate	10	U	80.0	77.8		ug/L		97	55 - 141
Caprolactam	10	U	40.0	22.5		ug/L		56	10 - 66
Carbazole	10	U	80.0	68.1		ug/L		85	58 - 132
Chrysene	2.0	U	80.0	58.5		ug/L		73	57 - 132
Dibenz(a,h)anthracene	1.0	U	80.0	79.8		ug/L		100	53 - 150
Dibenzofuran	10	U	80.0	62.6		ug/L		78	59 - 125
Diethyl phthalate	10	U	80.0	67.0		ug/L		84	56 - 131
Dimethyl phthalate	10	U	80.0	65.1		ug/L		81	60 - 129
Di-n-butyl phthalate	10	U	80.0	76.8		ug/L		96	55 - 139
Di-n-octyl phthalate	10	U	80.0	79.8		ug/L		100	51 - 150
Fluoranthene	10	U	80.0	64.9		ug/L		81	59 - 137
Fluorene	10	U	80.0	64.5		ug/L		81	61 - 125
Hexachlorobenzene	1.0	U	80.0	59.0		ug/L		74	62 - 135
Hexachlorobutadiene	1.0	U	80.0	57.4		ug/L		72	16 - 147
Hexachlorocyclopentadiene	10	U	80.0	52.7		ug/L		66	27 - 150
Hexachloroethane	0.80	U	80.0	74.2		ug/L		93	10 - 138
Indeno[1,2,3-cd]pyrene	2.0	U	80.0	71.5		ug/L		89	54 - 150
Isophorone	10	U	80.0	79.2		ug/L		99	58 - 128
Naphthalene	230	E	80.0	292	E	ug/L		71	45 - 126
Nitrobenzene	1.0	U	80.0	72.6		ug/L		91	58 - 127

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-329772-D-2-A MS
Matrix: Water
Analysis Batch: 1047910

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1047809

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
N-Nitrosodi-n-propylamine	1.0	U	80.0	87.3		ug/L		109	53 - 133
N-Nitrosodiphenylamine	10	U	80.0	67.3		ug/L		84	57 - 128
Pentachlorophenol	20	U	160	123		ug/L		77	54 - 140
Phenanthrene	10	U	80.0	65.6		ug/L		82	58 - 126
Phenol	10	U	80.0	31.7		ug/L		40	13 - 58
Pyrene	10	U	80.0	63.3		ug/L		79	53 - 137
1,4-Dioxane	10	U	80.0	43.5		ug/L		54	21 - 64

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*60*		*24 - 150*
2-Fluorobiphenyl	*73*		*38 - 139*
2-Fluorophenol (Surr)	*49*		*10 - 90*
Nitrobenzene-d5 (Surr)	*97*		*39 - 145*
Phenol-d5 (Surr)	*33*		*10 - 68*
Terphenyl-d14 (Surr)	*42*		*10 - 133*

Lab Sample ID: 460-329772-E-2-B MSD
Matrix: Water
Analysis Batch: 1047910

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1047809

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	5.0	U	80.0	72.1		ug/L		90	56 - 123	4	30
1,2,4,5-Tetrachlorobenzene	10	U	80.0	59.1		ug/L		74	51 - 127	4	30
2,2'-oxybis[1-chloropropane]	10	U	80.0	101	*	ug/L		126	47 - 122	0	30
2,3,4,6-Tetrachlorophenol	10	U	80.0	54.8		ug/L		69	56 - 131	2	30
2,4,5-Trichlorophenol	10	U	80.0	56.5		ug/L		71	55 - 124	2	30
2,4,6-Trichlorophenol	3.0	U	80.0	61.5		ug/L		77	57 - 131	2	30
2,4-Dichlorophenol	10	U	80.0	57.7		ug/L		72	53 - 120	0	30
2,4-Dimethylphenol	10	U	80.0	61.2		ug/L		76	60 - 136	0	30
2,4-Dinitrophenol	40	U	160	119		ug/L		74	50 - 148	1	30
2,4-Dinitrotoluene	10	U	80.0	68.4		ug/L		85	62 - 142	1	30
2,6-Dinitrotoluene	2.0	U	80.0	65.4		ug/L		82	62 - 136	2	30
2-Chloronaphthalene	10	U	80.0	69.5		ug/L		87	54 - 129	4	30
2-Chlorophenol	10	U	80.0	60.1		ug/L		75	46 - 103	3	30
2-Methylnaphthalene	5.9	J	80.0	76.2		ug/L		88	45 - 110	2	30
2-Methylphenol	10	U	80.0	52.5		ug/L		66	39 - 95	7	30
2-Nitroaniline	10	U	80.0	89.3		ug/L		112	49 - 134	3	30
2-Nitrophenol	10	U	80.0	64.1		ug/L		80	54 - 124	2	30
3 & 4 Methylphenol	10	U	80.0	45.9		ug/L		57	44 - 89	9	30
3,3'-Dichlorobenzidine	5.2	U	80.0	40.5		ug/L		51	44 - 136	5	30
3-Nitroaniline	10	U	80.0	53.2		ug/L		66	33 - 120	2	30
4,6-Dinitro-2-methylphenol	20	U	160	131		ug/L		82	54 - 145	2	30
4-Bromophenyl phenyl ether	10	U	80.0	59.6		ug/L		74	59 - 132	4	30
4-Chloro-3-methylphenol	10	U	80.0	63.0		ug/L		79	50 - 120	2	30
4-Chloroaniline	5.0	U	80.0	54.8		ug/L		69	26 - 120	2	30
4-Chlorophenyl phenyl ether	10	U	80.0	59.7		ug/L		75	61 - 127	0	30
4-Methylphenol	10	U	80.0	46.1		ug/L		58	33 - 89	9	30
4-Nitroaniline	10	U	80.0	63.5		ug/L		79	49 - 135	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-329772-E-2-B MSD
Matrix: Water
Analysis Batch: 1047910

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1047809

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Nitrophenol	20	U	160	66.6		ug/L		42	10 - 78	13	30
Acenaphthene	3.0	J	80.0	72.0		ug/L		86	58 - 127	2	30
Acenaphthylene	10	U	80.0	67.6		ug/L		85	63 - 133	3	30
Acetophenone	10	U	80.0	80.6		ug/L		101	54 - 125	0	30
Anthracene	10	U	80.0	68.8		ug/L		86	59 - 127	2	30
Atrazine	2.0	U	40.0	70.8	E *	ug/L		177	10 - 150	11	30
Benzaldehyde	10	U *	40.0	88.2	E *	ug/L		221	16 - 150	11	30
Benzo[a]anthracene	1.0	U	80.0	63.1		ug/L		79	58 - 131	0	30
Benzo[a]pyrene	1.0	U	80.0	69.8		ug/L		87	63 - 148	3	30
Benzo[b]fluoranthene	2.0	U	80.0	63.8		ug/L		80	60 - 140	3	30
Benzo[g,h,i]perylene	10	U	80.0	83.8		ug/L		105	52 - 150	3	30
Benzo[k]fluoranthene	1.0	U	80.0	68.4		ug/L		85	60 - 140	4	30
Bis(2-chloroethoxy)methane	10	U	80.0	74.7		ug/L		93	57 - 122	2	30
Bis(2-chloroethyl)ether	1.0	U	80.0	78.5		ug/L		98	55 - 125	1	30
Bis(2-ethylhexyl) phthalate	2.0	U	80.0	78.1		ug/L		98	57 - 144	2	30
Butyl benzyl phthalate	10	U	80.0	76.9		ug/L		96	55 - 141	1	30
Caprolactam	10	U	40.0	21.2		ug/L		53	10 - 66	6	30
Carbazole	10	U	80.0	68.9		ug/L		86	58 - 132	1	30
Chrysene	2.0	U	80.0	57.1		ug/L		71	57 - 132	2	30
Dibenz(a,h)anthracene	1.0	U	80.0	81.8		ug/L		102	53 - 150	2	30
Dibenzofuran	10	U	80.0	64.1		ug/L		80	59 - 125	2	30
Diethyl phthalate	10	U	80.0	67.2		ug/L		84	56 - 131	0	30
Dimethyl phthalate	10	U	80.0	66.5		ug/L		83	60 - 129	2	30
Di-n-butyl phthalate	10	U	80.0	76.7		ug/L		96	55 - 139	0	30
Di-n-octyl phthalate	10	U	80.0	78.4		ug/L		98	51 - 150	2	30
Fluoranthene	10	U	80.0	65.2		ug/L		82	59 - 137	0	30
Fluorene	10	U	80.0	66.1		ug/L		83	61 - 125	3	30
Hexachlorobenzene	1.0	U	80.0	60.3		ug/L		75	62 - 135	2	30
Hexachlorobutadiene	1.0	U	80.0	59.2		ug/L		74	16 - 147	3	30
Hexachlorocyclopentadiene	10	U	80.0	54.6		ug/L		68	27 - 150	4	30
Hexachloroethane	0.80	U	80.0	74.2		ug/L		93	10 - 138	0	30
Indeno[1,2,3-cd]pyrene	2.0	U	80.0	74.5		ug/L		93	54 - 150	4	30
Isophorone	10	U	80.0	81.1		ug/L		101	58 - 128	2	30
Naphthalene	230	E	80.0	299	E	ug/L		80	45 - 126	2	30
Nitrobenzene	1.0	U	80.0	72.7		ug/L		91	58 - 127	0	30
N-Nitrosodi-n-propylamine	1.0	U	80.0	88.9		ug/L		111	53 - 133	2	30
N-Nitrosodiphenylamine	10	U	80.0	69.9		ug/L		87	57 - 128	4	30
Pentachlorophenol	20	U	160	120		ug/L		75	54 - 140	2	30
Phenanthrene	10	U	80.0	68.0		ug/L		85	58 - 126	3	30
Phenol	10	U	80.0	27.7		ug/L		35	13 - 58	14	30
Pyrene	10	U	80.0	61.4		ug/L		77	53 - 137	3	30
1,4-Dioxane	10	U	80.0	40.2		ug/L		50	21 - 64	8	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*54*		*24 - 150*
2-Fluorobiphenyl	*71*		*38 - 139*
2-Fluorophenol (Surr)	*42*		*10 - 90*
Nitrobenzene-d5 (Surr)	*94*		*39 - 145*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-329772-E-2-B MSD
Matrix: Water
Analysis Batch: 1047910

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1047809

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Phenol-d5 (Surr)	*27*		*10 - 68*
Terphenyl-d14 (Surr)	*45*		*10 - 133*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 460-1048036/1-A
Matrix: Water
Analysis Batch: 1048074

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1048036

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.20	U	0.20	0.072	ug/L		07/05/25 08:40	07/05/25 15:30	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*43*		*10 - 150*	*07/05/25 08:40*	*07/05/25 15:30*	*1*

Lab Sample ID: LCS 460-1048036/2-A
Matrix: Water
Analysis Batch: 1048074

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1048036

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			1.60	1.44		ug/L		90	49 - 142		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*48*		*10 - 150*

Lab Sample ID: LCSD 460-1048036/3-A
Matrix: Water
Analysis Batch: 1048074

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1048036

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			1.60	1.48		ug/L		92	49 - 142	3	20

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*49*		*10 - 150*

Lab Sample ID: 460-329901-E-3-A MSD
Matrix: Water
Analysis Batch: 1048074

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1048036

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	0.20	U	1.60	1.54		ug/L		96	49 - 142	13	20

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,4-Dioxane-d8	*38*		*10 - 150*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Lab Sample ID: 460-329901-F-3-B MS
Matrix: Water
Analysis Batch: 1048074

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1048036

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	0.20	U	1.60	1.76		ug/L		110	49 - 142

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
1,4-Dioxane-d8	*34*		*10 - 150*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1048029/1-A
Matrix: Water
Analysis Batch: 1048270

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1048029

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		07/05/25 08:03	07/07/25 15:54	1
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		07/05/25 08:03	07/07/25 15:54	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		07/05/25 08:03	07/07/25 15:54	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		07/05/25 08:03	07/07/25 15:54	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		07/05/25 08:03	07/07/25 15:54	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		07/05/25 08:03	07/07/25 15:54	1
Aldrin	0.020	U	0.020	0.0030	ug/L		07/05/25 08:03	07/07/25 15:54	1
Aldrin	0.020	U	0.020	0.0030	ug/L		07/05/25 08:03	07/07/25 15:54	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		07/05/25 08:03	07/07/25 15:54	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		07/05/25 08:03	07/07/25 15:54	1
beta-BHC	0.020	U	0.020	0.015	ug/L		07/05/25 08:03	07/07/25 15:54	1
beta-BHC	0.020	U	0.020	0.015	ug/L		07/05/25 08:03	07/07/25 15:54	1
Chlordane (technical)	0.20	U	0.20	0.055	ug/L		07/05/25 08:03	07/07/25 15:54	1
Chlordane (technical)	0.20	U	0.20	0.055	ug/L		07/05/25 08:03	07/07/25 15:54	1
cis-Chlordane	0.020	U	0.020	0.0020	ug/L		07/05/25 08:03	07/07/25 15:54	1
cis-Chlordane	0.020	U	0.020	0.0020	ug/L		07/05/25 08:03	07/07/25 15:54	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		07/05/25 08:03	07/07/25 15:54	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		07/05/25 08:03	07/07/25 15:54	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		07/05/25 08:03	07/07/25 15:54	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		07/05/25 08:03	07/07/25 15:54	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		07/05/25 08:03	07/07/25 15:54	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		07/05/25 08:03	07/07/25 15:54	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		07/05/25 08:03	07/07/25 15:54	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		07/05/25 08:03	07/07/25 15:54	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		07/05/25 08:03	07/07/25 15:54	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		07/05/25 08:03	07/07/25 15:54	1
Endrin	0.020	U	0.020	0.0040	ug/L		07/05/25 08:03	07/07/25 15:54	1
Endrin	0.020	U	0.020	0.0040	ug/L		07/05/25 08:03	07/07/25 15:54	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		07/05/25 08:03	07/07/25 15:54	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		07/05/25 08:03	07/07/25 15:54	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		07/05/25 08:03	07/07/25 15:54	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		07/05/25 08:03	07/07/25 15:54	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		07/05/25 08:03	07/07/25 15:54	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		07/05/25 08:03	07/07/25 15:54	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		07/05/25 08:03	07/07/25 15:54	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		07/05/25 08:03	07/07/25 15:54	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1048029/1-A
Matrix: Water
Analysis Batch: 1048270

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1048029

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		07/05/25 08:03	07/07/25 15:54	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		07/05/25 08:03	07/07/25 15:54	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		07/05/25 08:03	07/07/25 15:54	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		07/05/25 08:03	07/07/25 15:54	1
Toxaphene	0.50	U	0.50	0.11	ug/L		07/05/25 08:03	07/07/25 15:54	1
Toxaphene	0.50	U	0.50	0.11	ug/L		07/05/25 08:03	07/07/25 15:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*91*		*10 - 131*	*07/05/25 08:03*	*07/07/25 15:54*	*1*
DCB Decachlorobiphenyl	*112*		*10 - 131*	*07/05/25 08:03*	*07/07/25 15:54*	*1*
Tetrachloro-m-xylene	*97*		*31 - 120*	*07/05/25 08:03*	*07/07/25 15:54*	*1*
Tetrachloro-m-xylene	*98*		*31 - 120*	*07/05/25 08:03*	*07/07/25 15:54*	*1*

Lab Sample ID: LCS 460-1048029/2-A
Matrix: Water
Analysis Batch: 1048270

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1048029

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.800	0.826		ug/L		103	60 - 138
4,4'-DDD	0.800	0.947		ug/L		118	60 - 138
4,4'-DDE	0.800	0.836		ug/L		104	61 - 150
4,4'-DDE	0.800	0.935		ug/L		117	61 - 150
4,4'-DDT	0.800	0.894		ug/L		112	57 - 150
4,4'-DDT	0.800	0.941		ug/L		118	57 - 150
Aldrin	0.800	0.840		ug/L		105	57 - 147
Aldrin	0.800	0.920		ug/L		115	57 - 147
alpha-BHC	0.800	0.913		ug/L		114	57 - 150
alpha-BHC	0.800	0.999		ug/L		125	57 - 150
beta-BHC	0.800	0.857		ug/L		107	56 - 147
beta-BHC	0.800	0.941		ug/L		118	56 - 147
cis-Chlordane	0.800	0.852		ug/L		107	54 - 150
cis-Chlordane	0.800	0.955		ug/L		119	54 - 150
delta-BHC	0.800	0.971		ug/L		121	38 - 150
delta-BHC	0.800	1.05		ug/L		131	38 - 150
Dieldrin	0.800	0.812		ug/L		102	61 - 148
Dieldrin	0.800	0.930		ug/L		116	61 - 148
Endosulfan I	0.800	0.844		ug/L		106	60 - 150
Endosulfan I	0.800	0.909		ug/L		114	60 - 150
Endosulfan II	0.800	0.849		ug/L		106	63 - 150
Endosulfan II	0.800	0.961		ug/L		120	63 - 150
Endosulfan sulfate	0.800	0.824		ug/L		103	50 - 145
Endosulfan sulfate	0.800	0.921		ug/L		115	50 - 145
Endrin	0.800	0.785		ug/L		98	55 - 138
Endrin	0.800	0.890		ug/L		111	55 - 138
Endrin aldehyde	0.800	0.845		ug/L		106	60 - 133
Endrin aldehyde	0.800	0.928		ug/L		116	60 - 133
Endrin ketone	0.800	0.844		ug/L		105	56 - 150
Endrin ketone	0.800	0.951		ug/L		119	56 - 150

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1048029/2-A
Matrix: Water
Analysis Batch: 1048270

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1048029

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
gamma-BHC (Lindane)			0.800	0.900		ug/L		112	59 - 150		
gamma-BHC (Lindane)			0.800	0.982		ug/L		123	59 - 150		
Heptachlor			0.800	0.902		ug/L		113	56 - 150		
Heptachlor			0.800	0.961		ug/L		120	56 - 150		
Heptachlor epoxide			0.800	0.853		ug/L		107	61 - 148		
Heptachlor epoxide			0.800	0.938		ug/L		117	61 - 148		
Methoxychlor			0.800	0.841		ug/L		105	58 - 150		
Methoxychlor			0.800	0.890		ug/L		111	58 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*75*		*10 - 131*
DCB Decachlorobiphenyl	*86*		*10 - 131*
Tetrachloro-m-xylene	*78*		*31 - 120*
Tetrachloro-m-xylene	*81*		*31 - 120*

Lab Sample ID: LCSD 460-1048029/3-A
Matrix: Water
Analysis Batch: 1048270

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1048029

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.800	0.826		ug/L		103	60 - 138	0	30
4,4'-DDD			0.800	1.00		ug/L		125	60 - 138	6	30
4,4'-DDE			0.800	0.843		ug/L		105	61 - 150	1	30
4,4'-DDE			0.800	1.01		ug/L		126	61 - 150	7	30
4,4'-DDT			0.800	0.894		ug/L		112	57 - 150	0	30
4,4'-DDT			0.800	0.999		ug/L		125	57 - 150	6	30
Aldrin			0.800	0.836		ug/L		105	57 - 147	0	30
Aldrin			0.800	0.970		ug/L		121	57 - 147	5	30
alpha-BHC			0.800	0.919		ug/L		115	57 - 150	1	30
alpha-BHC			0.800	1.05		ug/L		131	57 - 150	5	30
beta-BHC			0.800	0.862		ug/L		108	56 - 147	1	30
beta-BHC			0.800	1.00		ug/L		125	56 - 147	6	30
cis-Chlordane			0.800	0.852		ug/L		107	54 - 150	0	30
cis-Chlordane			0.800	1.02		ug/L		127	54 - 150	7	30
delta-BHC			0.800	0.975		ug/L		122	38 - 150	0	30
delta-BHC			0.800	1.11		ug/L		139	38 - 150	6	30
Dieldrin			0.800	0.817		ug/L		102	61 - 148	1	30
Dieldrin			0.800	0.990		ug/L		124	61 - 148	6	30
Endosulfan I			0.800	0.843		ug/L		105	60 - 150	0	30
Endosulfan I			0.800	0.971		ug/L		121	60 - 150	7	30
Endosulfan II			0.800	0.850		ug/L		106	63 - 150	0	30
Endosulfan II			0.800	1.02		ug/L		127	63 - 150	6	30
Endosulfan sulfate			0.800	0.822		ug/L		103	50 - 145	0	30
Endosulfan sulfate			0.800	0.974		ug/L		122	50 - 145	6	30
Endrin			0.800	0.791		ug/L		99	55 - 138	1	30
Endrin			0.800	0.950		ug/L		119	55 - 138	6	30
Endrin aldehyde			0.800	0.840		ug/L		105	60 - 133	1	30
Endrin aldehyde			0.800	0.973		ug/L		122	60 - 133	5	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1048029/3-A
Matrix: Water
Analysis Batch: 1048270

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1048029

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endrin ketone			0.800	0.831		ug/L		104	56 - 150	1	30
Endrin ketone			0.800	1.00		ug/L		125	56 - 150	5	30
gamma-BHC (Lindane)			0.800	0.905		ug/L		113	59 - 150	1	30
gamma-BHC (Lindane)			0.800	1.04		ug/L		130	59 - 150	6	30
Heptachlor			0.800	0.905		ug/L		113	56 - 150	0	30
Heptachlor			0.800	1.02		ug/L		127	56 - 150	6	30
Heptachlor epoxide			0.800	0.860		ug/L		107	61 - 148	1	30
Heptachlor epoxide			0.800	0.996		ug/L		125	61 - 148	6	30
Methoxychlor			0.800	0.830		ug/L		104	58 - 150	1	30
Methoxychlor			0.800	0.940		ug/L		117	58 - 150	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*70*		*10 - 131*
DCB Decachlorobiphenyl	*84*		*10 - 131*
Tetrachloro-m-xylene	*75*		*31 - 120*
Tetrachloro-m-xylene	*78*		*31 - 120*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1048032/1-A
Matrix: Water
Analysis Batch: 1048164

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1048032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.20	U	0.20	0.12	ug/L		07/05/25 08:10	07/06/25 20:14	1
Aroclor 1016	0.20	U	0.20	0.12	ug/L		07/05/25 08:10	07/06/25 20:14	1
Aroclor 1221	0.20	U	0.20	0.12	ug/L		07/05/25 08:10	07/06/25 20:14	1
Aroclor 1221	0.20	U	0.20	0.12	ug/L		07/05/25 08:10	07/06/25 20:14	1
Aroclor 1232	0.20	U	0.20	0.12	ug/L		07/05/25 08:10	07/06/25 20:14	1
Aroclor 1232	0.20	U	0.20	0.12	ug/L		07/05/25 08:10	07/06/25 20:14	1
Aroclor 1242	0.20	U	0.20	0.12	ug/L		07/05/25 08:10	07/06/25 20:14	1
Aroclor 1242	0.20	U	0.20	0.12	ug/L		07/05/25 08:10	07/06/25 20:14	1
Aroclor 1248	0.20	U	0.20	0.12	ug/L		07/05/25 08:10	07/06/25 20:14	1
Aroclor 1248	0.20	U	0.20	0.12	ug/L		07/05/25 08:10	07/06/25 20:14	1
Aroclor 1254	0.20	U	0.20	0.11	ug/L		07/05/25 08:10	07/06/25 20:14	1
Aroclor 1254	0.20	U	0.20	0.11	ug/L		07/05/25 08:10	07/06/25 20:14	1
Aroclor 1260	0.20	U	0.20	0.11	ug/L		07/05/25 08:10	07/06/25 20:14	1
Aroclor 1260	0.20	U	0.20	0.11	ug/L		07/05/25 08:10	07/06/25 20:14	1
Aroclor-1262	0.20	U	0.20	0.11	ug/L		07/05/25 08:10	07/06/25 20:14	1
Aroclor-1262	0.20	U	0.20	0.11	ug/L		07/05/25 08:10	07/06/25 20:14	1
Aroclor 1268	0.20	U	0.20	0.11	ug/L		07/05/25 08:10	07/06/25 20:14	1
Aroclor 1268	0.20	U	0.20	0.11	ug/L		07/05/25 08:10	07/06/25 20:14	1
Polychlorinated biphenyls, Total	0.20	U	0.20	0.12	ug/L		07/05/25 08:10	07/06/25 20:14	1
Polychlorinated biphenyls, Total	0.20	U	0.20	0.12	ug/L		07/05/25 08:10	07/06/25 20:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*117*		*10 - 127*	*07/05/25 08:10*	*07/06/25 20:14*	*1*
DCB Decachlorobiphenyl	*119*		*10 - 127*	*07/05/25 08:10*	*07/06/25 20:14*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-1048032/1-A
Matrix: Water
Analysis Batch: 1048164

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1048032

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	100		21 - 139	07/05/25 08:10	07/06/25 20:14	1
Tetrachloro-m-xylene	105		21 - 139	07/05/25 08:10	07/06/25 20:14	1

Lab Sample ID: LCS 460-1048032/2-A
Matrix: Water
Analysis Batch: 1048164

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1048032

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016			4.00	4.48		ug/L		112	52 - 139		
Aroclor 1016			4.00	4.40		ug/L		110	52 - 139		
Aroclor 1260			4.00	4.67		ug/L		117	51 - 150		
Aroclor 1260			4.00	4.79		ug/L		120	51 - 150		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	118		10 - 127
DCB Decachlorobiphenyl	120		10 - 127
Tetrachloro-m-xylene	107		21 - 139
Tetrachloro-m-xylene	112		21 - 139

Lab Sample ID: LCSD 460-1048032/3-A
Matrix: Water
Analysis Batch: 1048164

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1048032

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			4.00	4.46		ug/L		112	52 - 139	0	30
Aroclor 1016			4.00	4.36		ug/L		109	52 - 139	1	30
Aroclor 1260			4.00	4.80		ug/L		120	51 - 150	3	30
Aroclor 1260			4.00	4.81		ug/L		120	51 - 150	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	118		10 - 127
DCB Decachlorobiphenyl	118		10 - 127
Tetrachloro-m-xylene	103		21 - 139
Tetrachloro-m-xylene	108		21 - 139

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 460-1047751/1-A
Matrix: Water
Analysis Batch: 1048132

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1047751

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	1.2	U	1.2	0.12	ug/L		07/03/25 07:45	07/06/25 19:36	1
2,4,5-T	1.2	U	1.2	0.12	ug/L		07/03/25 07:45	07/06/25 19:36	1
2,4-D	1.2	U	1.2	0.13	ug/L		07/03/25 07:45	07/06/25 19:36	1
2,4-D	1.2	U	1.2	0.13	ug/L		07/03/25 07:45	07/06/25 19:36	1
Silvex (2,4,5-TP)	1.2	U	1.2	0.11	ug/L		07/03/25 07:45	07/06/25 19:36	1
Silvex (2,4,5-TP)	1.2	U	1.2	0.11	ug/L		07/03/25 07:45	07/06/25 19:36	1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: MB 460-1047751/1-A
Matrix: Water
Analysis Batch: 1048132

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1047751

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	40		10 - 150	07/03/25 07:45	07/06/25 19:36	1
2,4-Dichlorophenylacetic acid	42		10 - 150	07/03/25 07:45	07/06/25 19:36	1

Lab Sample ID: LCS 460-1047751/2-A
Matrix: Water
Analysis Batch: 1048132

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1047751

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4,5-T			2.00	1.14	J	ug/L		57	10 - 150		
2,4,5-T			2.00	1.21		ug/L		60	10 - 150		
2,4-D			8.00	3.57		ug/L		45	10 - 150		
2,4-D			8.00	3.66		ug/L		46	10 - 150		
Silvex (2,4,5-TP)			2.00	1.58		ug/L		79	10 - 150		
Silvex (2,4,5-TP)			2.00	1.64		ug/L		82	10 - 150		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	62		10 - 150
2,4-Dichlorophenylacetic acid	62		10 - 150

Lab Sample ID: LCSD 460-1047751/3-A
Matrix: Water
Analysis Batch: 1048132

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1047751

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T			2.00	2.05	*	ug/L		102	10 - 150	57	30
2,4,5-T			2.00	2.18	*	ug/L		109	10 - 150	57	30
2,4-D			8.00	7.59	*	ug/L		95	10 - 150	72	30
2,4-D			8.00	8.09	*	ug/L		101	10 - 150	75	30
Silvex (2,4,5-TP)			2.00	2.14		ug/L		107	10 - 150	30	30
Silvex (2,4,5-TP)			2.00	2.22		ug/L		111	10 - 150	30	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4-Dichlorophenylacetic acid	98		10 - 150
2,4-Dichlorophenylacetic acid	96		10 - 150

Lab Sample ID: 460-329729-K-1-A MSD
Matrix: Water
Analysis Batch: 1048132

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1047751

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T	1.2	U *	2000	1.77	*	ug/L		0.09	10 - 150	20	30
2,4,5-T	1.2	U *	2000	1.87	*	ug/L		0.09	10 - 150	19	30
2,4-D	1.2	U *	8000	6.38	*	ug/L		0.08	10 - 150	20	30
2,4-D	1.2	U *	8000	7.00	*	ug/L		0.09	10 - 150	18	30
Silvex (2,4,5-TP)	1.2	U	2000	1.90	*	ug/L		0.1	10 - 150	22	30
Silvex (2,4,5-TP)	1.2	U	2000	2.02	*	ug/L		0.1	10 - 150	19	30

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: 460-329729-K-1-A MSD
Matrix: Water
Analysis Batch: 1048132

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1047751

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*80*		*10 - 150*
2,4-Dichlorophenylacetic acid	*79*		*10 - 150*

Lab Sample ID: 460-329729-N-1-B MS
Matrix: Water
Analysis Batch: 1048132

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1047751

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	1.2	U *	2000	2.17	*	ug/L		0.1	10 - 150
2,4,5-T	1.2	U *	2000	2.26	*	ug/L		0.1	10 - 150
2,4-D	1.2	U *	8000	7.80	*	ug/L		0.1	10 - 150
2,4-D	1.2	U *	8000	8.38	*	ug/L		0.1	10 - 150
Silvex (2,4,5-TP)	1.2	U	2000	2.38	*	ug/L		0.1	10 - 150
Silvex (2,4,5-TP)	1.2	U	2000	2.44	*	ug/L		0.1	10 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*104*		*10 - 150*
2,4-Dichlorophenylacetic acid	*101*		*10 - 150*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1048114/1-A
Matrix: Water
Analysis Batch: 1048343

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 1048114

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	40.0	U	40.0	11.7	ug/L		07/05/25 20:40	07/07/25 13:40	1
Antimony	2.0	U	2.0	0.48	ug/L		07/05/25 20:40	07/07/25 13:40	1
Arsenic	2.0	U	2.0	1.2	ug/L		07/05/25 20:40	07/07/25 13:40	1
Barium	4.0	U	4.0	0.93	ug/L		07/05/25 20:40	07/07/25 13:40	1
Beryllium	0.80	U	0.80	0.12	ug/L		07/05/25 20:40	07/07/25 13:40	1
Cadmium	0.92	U	0.92	0.26	ug/L		07/05/25 20:40	07/07/25 13:40	1
Calcium	500	U	500	31.7	ug/L		07/05/25 20:40	07/07/25 13:40	1
Chromium	4.0	U	4.0	1.7	ug/L		07/05/25 20:40	07/07/25 13:40	1
Cobalt	2.0	U	2.0	0.18	ug/L		07/05/25 20:40	07/07/25 13:40	1
Copper	4.0	U	4.0	2.0	ug/L		07/05/25 20:40	07/07/25 13:40	1
Iron	120	U	120	33.7	ug/L		07/05/25 20:40	07/07/25 13:40	1
Lead	1.2	U	1.2	0.42	ug/L		07/05/25 20:40	07/07/25 13:40	1
Magnesium	200	U	200	21.8	ug/L		07/05/25 20:40	07/07/25 13:40	1
Manganese	8.0	U	8.0	0.84	ug/L		07/05/25 20:40	07/07/25 13:40	1
Nickel	4.0	U	4.0	1.4	ug/L		07/05/25 20:40	07/07/25 13:40	1
Potassium	200	U	200	114	ug/L		07/05/25 20:40	07/07/25 13:40	1
Selenium	2.5	U	2.5	0.43	ug/L		07/05/25 20:40	07/07/25 13:40	1
Silver	2.0	U	2.0	1.3	ug/L		07/05/25 20:40	07/07/25 13:40	1
Sodium	500	U	500	180	ug/L		07/05/25 20:40	07/07/25 13:40	1
Thallium	0.50	U	0.50	0.16	ug/L		07/05/25 20:40	07/07/25 13:40	1
Vanadium	4.0	U	4.0	1.0	ug/L		07/05/25 20:40	07/07/25 13:40	1
Zinc	16.0	U	16.0	4.2	ug/L		07/05/25 20:40	07/07/25 13:40	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 460-1048114/2-A
Matrix: Water
Analysis Batch: 1048343

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1048114

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	2500	2584		ug/L		103	80 - 120
Antimony	25.0	24.29		ug/L		97	80 - 120
Arsenic	50.0	49.10		ug/L		98	80 - 120
Barium	50.0	49.87		ug/L		100	80 - 120
Beryllium	25.0	24.59		ug/L		98	80 - 120
Cadmium	25.0	23.87		ug/L		95	80 - 120
Calcium	2500	2625		ug/L		105	80 - 120
Chromium	50.0	51.77		ug/L		104	80 - 120
Cobalt	25.0	25.15		ug/L		101	80 - 120
Copper	50.0	51.12		ug/L		102	80 - 120
Iron	2500	2626		ug/L		105	80 - 120
Lead	25.0	24.84		ug/L		99	80 - 120
Magnesium	2500	2620		ug/L		105	80 - 120
Manganese	250	249.6		ug/L		100	80 - 120
Nickel	50.0	50.83		ug/L		102	80 - 120
Potassium	2500	2562		ug/L		102	80 - 120
Selenium	50.0	50.20		ug/L		100	80 - 120
Silver	25.0	25.11		ug/L		100	80 - 120
Sodium	2500	2668		ug/L		107	80 - 120
Thallium	20.0	19.80		ug/L		99	80 - 120
Vanadium	50.0	50.31		ug/L		101	80 - 120
Zinc	250	250.0		ug/L		100	80 - 120

Lab Sample ID: 460-329729-G-1-C MS
Matrix: Water
Analysis Batch: 1048343

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 1048114

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	40.0		2500	2700		ug/L		106	75 - 125
Antimony	2.0	U	25.0	25.57		ug/L		102	75 - 125
Arsenic	2.0	U	50.0	51.06		ug/L		102	75 - 125
Barium	98.7		50.0	155.6		ug/L		114	75 - 125
Beryllium	0.80	U	25.0	26.26		ug/L		105	75 - 125
Cadmium	0.92	U	25.0	25.29		ug/L		101	75 - 125
Calcium	106000		2500	115800	4	ug/L		376	75 - 125
Chromium	4.0	U	50.0	54.29		ug/L		109	75 - 125
Cobalt	2.0	U	25.0	25.77		ug/L		103	75 - 125
Copper	4.0	U	50.0	52.07		ug/L		104	75 - 125
Iron	634		2500	3306		ug/L		107	75 - 125
Lead	1.2	U	25.0	26.07		ug/L		104	75 - 125
Magnesium	11500		2500	14840	4	ug/L		133	75 - 125
Manganese	163		250	429.3		ug/L		106	75 - 125
Nickel	1.9	J	50.0	52.95		ug/L		102	75 - 125
Potassium	14300		2500	17600	4	ug/L		132	75 - 125
Selenium	2.5	U	50.0	54.46		ug/L		109	75 - 125
Silver	2.0	U	25.0	25.53		ug/L		102	75 - 125
Sodium	37100		2500	42130	4	ug/L		201	75 - 125
Thallium	0.50	U	20.0	20.69		ug/L		103	75 - 125
Vanadium	4.0	U	50.0	52.90		ug/L		106	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-329729-G-1-C MS
Matrix: Water
Analysis Batch: 1048343

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 1048114

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	16.0	U	250	257.1		ug/L		103	75 - 125

Lab Sample ID: 460-329729-G-1-D MSD
Matrix: Water
Analysis Batch: 1048343

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 1048114

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	40.0		2500	2520		ug/L		99	75 - 125	7	20
Antimony	2.0	U	25.0	24.24		ug/L		97	75 - 125	5	20
Arsenic	2.0	U	50.0	48.64		ug/L		97	75 - 125	5	20
Barium	98.7		50.0	148.0		ug/L		99	75 - 125	5	20
Beryllium	0.80	U	25.0	24.36		ug/L		97	75 - 125	7	20
Cadmium	0.92	U	25.0	23.48		ug/L		94	75 - 125	7	20
Calcium	106000		2500	110400	4	ug/L		159	75 - 125	5	20
Chromium	4.0	U	50.0	51.28		ug/L		103	75 - 125	6	20
Cobalt	2.0	U	25.0	24.33		ug/L		97	75 - 125	6	20
Copper	4.0	U	50.0	50.01		ug/L		100	75 - 125	4	20
Iron	634		2500	3107		ug/L		99	75 - 125	6	20
Lead	1.2	U	25.0	24.39		ug/L		98	75 - 125	7	20
Magnesium	11500		2500	14370	4	ug/L		114	75 - 125	3	20
Manganese	163		250	408.6		ug/L		98	75 - 125	5	20
Nickel	1.9	J	50.0	51.04		ug/L		98	75 - 125	4	20
Potassium	14300		2500	17090	4	ug/L		112	75 - 125	3	20
Selenium	2.5	U	50.0	49.17		ug/L		98	75 - 125	10	20
Silver	2.0	U	25.0	23.88		ug/L		96	75 - 125	7	20
Sodium	37100		2500	40750	4	ug/L		146	75 - 125	3	20
Thallium	0.50	U	20.0	19.33		ug/L		97	75 - 125	7	20
Vanadium	4.0	U	50.0	49.64		ug/L		99	75 - 125	6	20
Zinc	16.0	U	250	243.0		ug/L		97	75 - 125	6	20

Lab Sample ID: 460-329729-G-1-B DU
Matrix: Water
Analysis Batch: 1048343

Client Sample ID: Duplicate
Prep Type: Total Recoverable
Prep Batch: 1048114

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	40.0		37.90	J	ug/L		5	20
Antimony	2.0	U	2.0	U	ug/L		NC	20
Arsenic	2.0	U	2.0	U	ug/L		NC	20
Barium	98.7		102.1		ug/L		3	20
Beryllium	0.80	U	0.80	U	ug/L		NC	20
Cadmium	0.92	U	0.92	U	ug/L		NC	20
Calcium	106000		110400		ug/L		4	20
Chromium	4.0	U	1.89	J	ug/L		NC	20
Cobalt	2.0	U	2.0	U	ug/L		NC	20
Copper	4.0	U	4.0	U	ug/L		NC	20
Iron	634		657.4		ug/L		4	20
Lead	1.2	U	1.2	U	ug/L		NC	20
Magnesium	11500		11870		ug/L		3	20
Manganese	163		168.8		ug/L		3	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-329729-G-1-B DU
Matrix: Water
Analysis Batch: 1048343

Client Sample ID: Duplicate
Prep Type: Total Recoverable
Prep Batch: 1048114

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nickel	1.9	J	2.06	J	ug/L		9	20
Potassium	14300		14710		ug/L		3	20
Selenium	2.5	U	2.5	U	ug/L		NC	20
Silver	2.0	U	2.0	U	ug/L		NC	20
Sodium	37100		38450		ug/L		4	20
Thallium	0.50	U	0.50	U	ug/L		NC	20
Vanadium	4.0	U	4.0	U	ug/L		NC	20
Zinc	16.0	U	16.0	U	ug/L		NC	20

Lab Sample ID: LCS 460-1048905/6-A
Matrix: Water
Analysis Batch: 1048810

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1048905

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	2500	2518		ug/L		101	80 - 120
Antimony	25.0	23.40		ug/L		94	80 - 120
Arsenic	50.0	48.21		ug/L		96	80 - 120
Barium	50.0	48.19		ug/L		96	80 - 120
Cadmium	25.0	22.99		ug/L		92	80 - 120
Calcium	2500	2529		ug/L		101	80 - 120
Chromium	50.0	46.70		ug/L		93	80 - 120
Cobalt	25.0	23.58		ug/L		94	80 - 120
Copper	50.0	47.28		ug/L		95	80 - 120
Iron	2500	2503		ug/L		100	80 - 120
Lead	25.0	24.02		ug/L		96	80 - 120
Magnesium	2500	2615		ug/L		105	80 - 120
Manganese	250	240.8		ug/L		96	80 - 120
Nickel	50.0	47.72		ug/L		95	80 - 120
Potassium	2500	2567		ug/L		103	80 - 120
Selenium	50.0	49.33		ug/L		99	80 - 120
Silver	25.0	26.29		ug/L		105	80 - 120
Sodium	2500	2666		ug/L		107	80 - 120
Thallium	20.0	19.13		ug/L		96	80 - 120
Vanadium	50.0	47.91		ug/L		96	80 - 120
Zinc	250	233.4		ug/L		93	80 - 120

Lab Sample ID: LCS 460-1048905/6-A
Matrix: Water
Analysis Batch: 1049059

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1048905

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	25.0	24.54		ug/L		98	80 - 120

Lab Sample ID: MB 460-1048904/1-B
Matrix: Water
Analysis Batch: 1048810

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 1048905

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	40.0	U	40.0	11.7	ug/L		07/10/25 02:27	07/10/25 02:50	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1048904/1-B
Matrix: Water
Analysis Batch: 1048810

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 1048905

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.0	U	2.0	0.48	ug/L		07/10/25 02:27	07/10/25 02:50	1
Arsenic	2.0	U	2.0	1.2	ug/L		07/10/25 02:27	07/10/25 02:50	1
Barium	4.0	U	4.0	0.93	ug/L		07/10/25 02:27	07/10/25 02:50	1
Cadmium	0.92	U	0.92	0.26	ug/L		07/10/25 02:27	07/10/25 02:50	1
Calcium	500	U	500	31.7	ug/L		07/10/25 02:27	07/10/25 02:50	1
Chromium	4.0	U	4.0	1.7	ug/L		07/10/25 02:27	07/10/25 02:50	1
Cobalt	2.0	U	2.0	0.18	ug/L		07/10/25 02:27	07/10/25 02:50	1
Copper	4.0	U	4.0	2.0	ug/L		07/10/25 02:27	07/10/25 02:50	1
Iron	120	U	120	33.7	ug/L		07/10/25 02:27	07/10/25 02:50	1
Lead	1.2	U	1.2	0.42	ug/L		07/10/25 02:27	07/10/25 02:50	1
Magnesium	200	U	200	21.8	ug/L		07/10/25 02:27	07/10/25 02:50	1
Manganese	8.0	U	8.0	0.84	ug/L		07/10/25 02:27	07/10/25 02:50	1
Nickel	4.0	U	4.0	1.4	ug/L		07/10/25 02:27	07/10/25 02:50	1
Potassium	200	U	200	114	ug/L		07/10/25 02:27	07/10/25 02:50	1
Selenium	2.5	U	2.5	0.43	ug/L		07/10/25 02:27	07/10/25 02:50	1
Silver	2.0	U	2.0	1.3	ug/L		07/10/25 02:27	07/10/25 02:50	1
Sodium	500	U	500	180	ug/L		07/10/25 02:27	07/10/25 02:50	1
Thallium	0.50	U	0.50	0.16	ug/L		07/10/25 02:27	07/10/25 02:50	1
Vanadium	4.0	U	4.0	1.0	ug/L		07/10/25 02:27	07/10/25 02:50	1
Zinc	16.0	U	16.0	4.2	ug/L		07/10/25 02:27	07/10/25 02:50	1

Lab Sample ID: MB 460-1048904/1-B
Matrix: Water
Analysis Batch: 1049059

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 1048905

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.80	U	0.80	0.12	ug/L		07/10/25 02:27	07/10/25 12:50	1

Lab Sample ID: 460-329841-1 MS
Matrix: Water
Analysis Batch: 1048810

Client Sample ID: RXMW-10
Prep Type: Dissolved
Prep Batch: 1048905

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	40.0	U	2500	1963		ug/L		79	75 - 125
Antimony	2.0	U	25.0	22.23		ug/L		89	75 - 125
Arsenic	2.0	U	50.0	51.78		ug/L		104	75 - 125
Barium	103		50.0	151.1		ug/L		96	75 - 125
Cadmium	0.92	U	25.0	19.69		ug/L		79	75 - 125
Calcium	158000		2500	152400	4	ug/L		-233	75 - 125
Chromium	4.0	U	50.0	45.80		ug/L		92	75 - 125
Cobalt	0.94	J	25.0	24.72		ug/L		95	75 - 125
Copper	4.0	U	50.0	40.09		ug/L		80	75 - 125
Iron	42.8	J	2500	2499		ug/L		98	75 - 125
Lead	1.2	U	25.0	23.84		ug/L		95	75 - 125
Magnesium	35100		2500	37690	4	ug/L		103	75 - 125
Manganese	415		250	663.4		ug/L		99	75 - 125
Nickel	3.0	J	50.0	49.33		ug/L		93	75 - 125
Potassium	27600		2500	29820	4	ug/L		88	75 - 125
Selenium	2.5	U	50.0	54.42		ug/L		109	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-329841-1 MS
Matrix: Water
Analysis Batch: 1048810

Client Sample ID: RXMW-10
Prep Type: Dissolved
Prep Batch: 1048905

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	2.0	U	25.0	26.61		ug/L		106	75 - 125
Sodium	198000		2500	201500	4	ug/L		146	75 - 125
Thallium	0.50	U	20.0	19.92		ug/L		100	75 - 125
Vanadium	4.0	U	50.0	46.92		ug/L		94	75 - 125
Zinc	16.0	U	250	236.3		ug/L		95	75 - 125

Lab Sample ID: 460-329841-1 MS
Matrix: Water
Analysis Batch: 1049059

Client Sample ID: RXMW-10
Prep Type: Dissolved
Prep Batch: 1048905

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.80	U	25.0	22.01		ug/L		88	75 - 125

Lab Sample ID: 460-329841-1 DU
Matrix: Water
Analysis Batch: 1048810

Client Sample ID: RXMW-10
Prep Type: Dissolved
Prep Batch: 1048905

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	40.0	U	40.0	U	ug/L		NC	20
Antimony	2.0	U	2.0	U	ug/L		NC	20
Arsenic	2.0	U	2.0	U	ug/L		NC	20
Barium	103		103.3		ug/L		0.3	20
Cadmium	0.92	U	0.92	U	ug/L		NC	20
Calcium	158000		155000		ug/L		2	20
Chromium	4.0	U	4.0	U	ug/L		NC	20
Cobalt	0.94	J	0.962	J	ug/L		3	20
Copper	4.0	U	4.0	U	ug/L		NC	20
Iron	42.8	J	41.18	J	ug/L		4	20
Lead	1.2	U	1.2	U	ug/L		NC	20
Magnesium	35100		35290		ug/L		0.5	20
Manganese	415		426.2		ug/L		3	20
Nickel	3.0	J	3.06	J	ug/L		4	20
Potassium	27600		27730		ug/L		0.4	20
Selenium	2.5	U	2.5	U	ug/L		NC	20
Silver	2.0	U	2.0	U	ug/L		NC	20
Sodium	198000		198200		ug/L		0.2	20
Thallium	0.50	U	0.50	U	ug/L		NC	20
Vanadium	4.0	U	4.0	U	ug/L		NC	20
Zinc	16.0	U	16.0	U	ug/L		NC	20

Lab Sample ID: 460-329841-1 DU
Matrix: Water
Analysis Batch: 1049059

Client Sample ID: RXMW-10
Prep Type: Dissolved
Prep Batch: 1048905

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Beryllium	0.80	U	0.80	U	ug/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LCS 460-1048736/15-A
Matrix: Water
Analysis Batch: 1048843

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1048736

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			1.00	1.01		ug/L		101	80 - 120		

Lab Sample ID: MB 460-1048759/1-A
Matrix: Water
Analysis Batch: 1048843

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1048759

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		07/09/25 09:37	07/09/25 16:33	1

Lab Sample ID: LCS 460-1048759/2-A
Matrix: Water
Analysis Batch: 1048843

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1048759

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			1.00	1.02		ug/L		102	80 - 120		

Lab Sample ID: 460-329689-F-1-C MS
Matrix: Water
Analysis Batch: 1048843

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1048759

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.20	U	1.00	1.03		ug/L		103	75 - 125		

Lab Sample ID: 460-329689-F-1-B DU
Matrix: Water
Analysis Batch: 1048843

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1048759

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.20	U	0.20	U	ug/L		NC	20

Lab Sample ID: MB 460-1048735/1-B
Matrix: Water
Analysis Batch: 1048843

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 1048736

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		07/09/25 08:47	07/09/25 15:21	1

Lab Sample ID: 460-329383-E-4-E MS
Matrix: Water
Analysis Batch: 1048843

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 1048736

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.20	U	1.00	1.01		ug/L		101	75 - 125		

Lab Sample ID: 460-329383-E-4-D DU
Matrix: Water
Analysis Batch: 1048843

Client Sample ID: Duplicate
Prep Type: Dissolved
Prep Batch: 1048736

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.20	U	0.20	U	ug/L		NC	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 460-1047785/10
Matrix: Water
Analysis Batch: 1047785

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	10.0	U	10.0	2.9	ug/L			07/03/25 07:45	1

Lab Sample ID: LCSSRM 460-1047785/11
Matrix: Water
Analysis Batch: 1047785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	74.7	75.87		ug/L		101.6	84.2 - 114.5

Lab Sample ID: 460-329806-D-1 MS
Matrix: Water
Analysis Batch: 1047785

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	10.0	U	30.0	31.19		ug/L		104	85 - 115

Lab Sample ID: 460-329806-D-1 DU
Matrix: Water
Analysis Batch: 1047785

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	10.0	U	3.52	J	ug/L		NC	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 460-1048466/1-A
Matrix: Water
Analysis Batch: 1048574

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1048466

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0040	mg/L		07/08/25 07:33	07/08/25 12:37	1

Lab Sample ID: LCS 460-1048466/2-A
Matrix: Water
Analysis Batch: 1048574

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1048466

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.0982		mg/L		98	85 - 115

Lab Sample ID: 460-329916-B-1-D MS
Matrix: Water
Analysis Batch: 1048574

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1048466

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.029		0.200	0.224		mg/L		98	90 - 110

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 460-329916-B-1-E MSD
Matrix: Water
Analysis Batch: 1048574

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1048466

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.029		0.200	0.225		mg/L		98	90 - 110	0	35

Lab Sample ID: MRL 460-1048566/12-A
Matrix: Water
Analysis Batch: 1048574

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1048566

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.0100	0.0101		mg/L		101	50 - 150		

GC/MS VOA

Analysis Batch: 1048359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-2	Trip Blank	Total/NA	Water	8260D	
MB 460-1048359/9	Method Blank	Total/NA	Water	8260D	
LCS 460-1048359/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1048359/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 1048442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Total/NA	Water	8260D	
MB 460-1048442/10	Method Blank	Total/NA	Water	8260D	
LCS 460-1048442/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1048442/5	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 1047809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Total/NA	Water	3510C	
MB 460-1047809/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1047809/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1047809/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
460-329772-D-2-A MS	Matrix Spike	Total/NA	Water	3510C	
460-329772-E-2-B MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 1047910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Total/NA	Water	8270E	1047809
MB 460-1047809/1-A	Method Blank	Total/NA	Water	8270E	1047809
LCS 460-1047809/2-A	Lab Control Sample	Total/NA	Water	8270E	1047809
LCSD 460-1047809/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	1047809
460-329772-D-2-A MS	Matrix Spike	Total/NA	Water	8270E	1047809
460-329772-E-2-B MSD	Matrix Spike Duplicate	Total/NA	Water	8270E	1047809

Prep Batch: 1048036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Total/NA	Water	3510C	
MB 460-1048036/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1048036/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1048036/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
460-329901-E-3-A MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	
460-329901-F-3-B MS	Matrix Spike	Total/NA	Water	3510C	

Analysis Batch: 1048074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Total/NA	Water	8270E SIM ID	1048036
MB 460-1048036/1-A	Method Blank	Total/NA	Water	8270E SIM ID	1048036
LCS 460-1048036/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	1048036
LCSD 460-1048036/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	1048036
460-329901-E-3-A MSD	Matrix Spike Duplicate	Total/NA	Water	8270E SIM ID	1048036
460-329901-F-3-B MS	Matrix Spike	Total/NA	Water	8270E SIM ID	1048036

GC Semi VOA

Prep Batch: 1047751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Total/NA	Water	8151A	
MB 460-1047751/1-A	Method Blank	Total/NA	Water	8151A	
LCS 460-1047751/2-A	Lab Control Sample	Total/NA	Water	8151A	
LCSD 460-1047751/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	
460-329729-K-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	8151A	
460-329729-N-1-B MS	Matrix Spike	Total/NA	Water	8151A	

Prep Batch: 1048029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Total/NA	Water	3510C	
MB 460-1048029/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1048029/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1048029/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 1048032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Total/NA	Water	3510C	
MB 460-1048032/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1048032/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1048032/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 1048132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Total/NA	Water	8151A	1047751
MB 460-1047751/1-A	Method Blank	Total/NA	Water	8151A	1047751
LCS 460-1047751/2-A	Lab Control Sample	Total/NA	Water	8151A	1047751
LCSD 460-1047751/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	1047751
460-329729-K-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	8151A	1047751
460-329729-N-1-B MS	Matrix Spike	Total/NA	Water	8151A	1047751

Analysis Batch: 1048164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Total/NA	Water	8082A	1048032
MB 460-1048032/1-A	Method Blank	Total/NA	Water	8082A	1048032
LCS 460-1048032/2-A	Lab Control Sample	Total/NA	Water	8082A	1048032
LCSD 460-1048032/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	1048032

Analysis Batch: 1048270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Total/NA	Water	8081B	1048029
MB 460-1048029/1-A	Method Blank	Total/NA	Water	8081B	1048029
LCS 460-1048029/2-A	Lab Control Sample	Total/NA	Water	8081B	1048029
LCSD 460-1048029/3-A	Lab Control Sample Dup	Total/NA	Water	8081B	1048029

Metals

Prep Batch: 1048114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Total Recoverable	Water	3005A	
MB 460-1048114/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 460-1048114/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 1048114 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329729-G-1-C MS	Matrix Spike	Total Recoverable	Water	3005A	
460-329729-G-1-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	
460-329729-G-1-B DU	Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 1048343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Total Recoverable	Water	6020B	1048114
MB 460-1048114/1-A	Method Blank	Total Recoverable	Water	6020B	1048114
LCS 460-1048114/2-A	Lab Control Sample	Total Recoverable	Water	6020B	1048114
460-329729-G-1-C MS	Matrix Spike	Total Recoverable	Water	6020B	1048114
460-329729-G-1-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	1048114
460-329729-G-1-B DU	Duplicate	Total Recoverable	Water	6020B	1048114

Filtration Batch: 1048735

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Dissolved	Water	FILTRATION	
MB 460-1048735/1-B	Method Blank	Dissolved	Water	FILTRATION	

Prep Batch: 1048736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Dissolved	Water	7470A	1048735
MB 460-1048735/1-B	Method Blank	Dissolved	Water	7470A	1048735
LCS 460-1048736/15-A	Lab Control Sample	Total/NA	Water	7470A	
460-329383-E-4-E MS	Matrix Spike	Dissolved	Water	7470A	
460-329383-E-4-D DU	Duplicate	Dissolved	Water	7470A	

Prep Batch: 1048759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Total/NA	Water	7470A	
MB 460-1048759/1-A	Method Blank	Total/NA	Water	7470A	
LCS 460-1048759/2-A	Lab Control Sample	Total/NA	Water	7470A	
460-329689-F-1-C MS	Matrix Spike	Total/NA	Water	7470A	
460-329689-F-1-B DU	Duplicate	Total/NA	Water	7470A	

Analysis Batch: 1048810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Dissolved	Water	6020B	1048905
MB 460-1048904/1-B	Method Blank	Dissolved	Water	6020B	1048905
LCS 460-1048905/6-A	Lab Control Sample	Total Recoverable	Water	6020B	1048905
460-329841-1 MS	RXMW-10	Dissolved	Water	6020B	1048905
460-329841-1 DU	RXMW-10	Dissolved	Water	6020B	1048905

Analysis Batch: 1048843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Dissolved	Water	7470A	1048736
460-329841-1	RXMW-10	Total/NA	Water	7470A	1048759
MB 460-1048735/1-B	Method Blank	Dissolved	Water	7470A	1048736
MB 460-1048759/1-A	Method Blank	Total/NA	Water	7470A	1048759
LCS 460-1048736/15-A	Lab Control Sample	Total/NA	Water	7470A	1048736
LCS 460-1048759/2-A	Lab Control Sample	Total/NA	Water	7470A	1048759
460-329383-E-4-E MS	Matrix Spike	Dissolved	Water	7470A	1048736

Metals (Continued)

Analysis Batch: 1048843 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329689-F-1-C MS	Matrix Spike	Total/NA	Water	7470A	1048759
460-329383-E-4-D DU	Duplicate	Dissolved	Water	7470A	1048736
460-329689-F-1-B DU	Duplicate	Total/NA	Water	7470A	1048759

Filtration Batch: 1048904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Dissolved	Water	FILTRATION	
MB 460-1048904/1-B	Method Blank	Dissolved	Water	FILTRATION	
460-329841-1 MS	RXMW-10	Dissolved	Water	FILTRATION	
460-329841-1 DU	RXMW-10	Dissolved	Water	FILTRATION	

Prep Batch: 1048905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Dissolved	Water	3005A	1048904
MB 460-1048904/1-B	Method Blank	Dissolved	Water	3005A	1048904
LCS 460-1048905/6-A	Lab Control Sample	Total Recoverable	Water	3005A	
460-329841-1 MS	RXMW-10	Dissolved	Water	3005A	1048904
460-329841-1 DU	RXMW-10	Dissolved	Water	3005A	1048904

Analysis Batch: 1049059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Dissolved	Water	6020B	1048905
MB 460-1048904/1-B	Method Blank	Dissolved	Water	6020B	1048905
LCS 460-1048905/6-A	Lab Control Sample	Total Recoverable	Water	6020B	1048905
460-329841-1 MS	RXMW-10	Dissolved	Water	6020B	1048905
460-329841-1 DU	RXMW-10	Dissolved	Water	6020B	1048905

General Chemistry

Analysis Batch: 1047785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Total/NA	Water	7196A	
MB 460-1047785/10	Method Blank	Total/NA	Water	7196A	
LCSSRM 460-1047785/11	Lab Control Sample	Total/NA	Water	7196A	
MRL 460-1047785/9	Lab Control Sample	Total/NA	Water	7196A	
460-329806-D-1 MS	Matrix Spike	Total/NA	Water	7196A	
460-329806-D-1 DU	Duplicate	Total/NA	Water	7196A	

Prep Batch: 1048466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Total/NA	Water	9012B	
MB 460-1048466/1-A	Method Blank	Total/NA	Water	9012B	
LCS 460-1048466/2-A	Lab Control Sample	Total/NA	Water	9012B	
460-329916-B-1-D MS	Matrix Spike	Total/NA	Water	9012B	
460-329916-B-1-E MSD	Matrix Spike Duplicate	Total/NA	Water	9012B	

Prep Batch: 1048566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 460-1048566/12-A	Lab Control Sample	Total/NA	Water	9012B	

General Chemistry

Analysis Batch: 1048574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Total/NA	Water	9012B	1048466
MB 460-1048466/1-A	Method Blank	Total/NA	Water	9012B	1048466
LCS 460-1048466/2-A	Lab Control Sample	Total/NA	Water	9012B	1048466
MRL 460-1048566/12-A	Lab Control Sample	Total/NA	Water	9012B	1048566
460-329916-B-1-D MS	Matrix Spike	Total/NA	Water	9012B	1048466
460-329916-B-1-E MSD	Matrix Spike Duplicate	Total/NA	Water	9012B	1048466

Analysis Batch: 1048660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329841-1	RXMW-10	Total/NA	Water	7196A	

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329841-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-10
Lab Sample ID: 460-329841-1
Date Collected: 07/02/25 08:50
Matrix: Water
Date Received: 07/02/25 19:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1048442	CJM	EET EDI	07/08/25 10:18
Total/NA	Prep	3510C			1047809	TMP	EET EDI	07/03/25 09:43
Total/NA	Analysis	8270E		1	1047910	MME	EET EDI	07/03/25 22:58
Total/NA	Prep	3510C			1048036	TMP	EET EDI	07/05/25 08:41
Total/NA	Analysis	8270E SIM ID		1	1048074	YAH	EET EDI	07/05/25 17:07
Total/NA	Prep	3510C			1048029	BXP	EET EDI	07/05/25 08:03
Total/NA	Analysis	8081B		1	1048270	JHP	EET EDI	07/07/25 17:15
Total/NA	Prep	3510C			1048032	BXP	EET EDI	07/05/25 08:10
Total/NA	Analysis	8082A		1	1048164	AAA	EET EDI	07/06/25 21:37
Total/NA	Prep	8151A			1047751	BXP	EET EDI	07/03/25 07:45
Total/NA	Analysis	8151A		1	1048132	SAK	EET EDI	07/06/25 23:42
Dissolved	Filtration	FILTRATION			1048904	VAD	EET EDI	07/10/25 02:20
Dissolved	Prep	3005A			1048905	VAD	EET EDI	07/10/25 02:27
Dissolved	Analysis	6020B		1	1048810	CDC	EET EDI	07/10/25 03:04
Dissolved	Filtration	FILTRATION			1048904	VAD	EET EDI	07/10/25 02:20
Dissolved	Prep	3005A			1048905	VAD	EET EDI	07/10/25 02:27
Dissolved	Analysis	6020B		1	1049059	CDC	EET EDI	07/10/25 13:02
Total Recoverable	Prep	3005A			1048114	GAE	EET EDI	07/05/25 20:40
Total Recoverable	Analysis	6020B		1	1048343	CDC	EET EDI	07/07/25 14:29
Dissolved	Filtration	FILTRATION			1048735	JKF	EET EDI	07/09/25 08:44
Dissolved	Prep	7470A			1048736	JKF	EET EDI	07/09/25 08:47
Dissolved	Analysis	7470A		1	1048843	JKF	EET EDI	07/09/25 16:07
Total/NA	Prep	7470A			1048759	JKF	EET EDI	07/09/25 09:37
Total/NA	Analysis	7470A		1	1048843	JKF	EET EDI	07/09/25 17:48
Total/NA	Analysis	7196A		1	1048660	TJW	EET EDI	07/09/25 05:07
Total/NA	Analysis	7196A		1	1047785	MNP	EET EDI	07/03/25 07:45
Total/NA	Prep	9012B			1048466	SBW	EET EDI	07/08/25 07:33
Total/NA	Analysis	9012B		1	1048574	AXP	EET EDI	07/08/25 12:50

Client Sample ID: Trip Blank
Lab Sample ID: 460-329841-2
Date Collected: 07/02/25 08:50
Matrix: Water
Date Received: 07/02/25 19:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1048359	KLB	EET EDI	07/08/25 02:40

Laboratory References:
EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329841-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
7196A		Water	Cr (III)
8270E	3510C	Water	3 & 4 Methylphenol

Method Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329841-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
8151A	Herbicides (GC)	SW846	EET EDI
6020B	Metals (ICP/MS)	SW846	EET EDI
7470A	Mercury (CVAA)	SW846	EET EDI
7196A	Chromium, Hexavalent	SW846	EET EDI
7196A	Chromium, Trivalent (Colorimetric)	SW846	EET EDI
9012B	Cyanide, Total andor Amenable	SW846	EET EDI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI
7470A	Preparation, Mercury	SW846	EET EDI
8151A	Extraction (Herbicides)	SW846	EET EDI
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET EDI
FILTRATION	Sample Filtration	None	EET EDI

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329841-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-329841-1	RXMW-10	Water	07/02/25 08:50	07/02/25 19:50
460-329841-2	Trip Blank	Water	07/02/25 08:50	07/02/25 19:50

Address. _____

VYC 222

Chain of Custody Record 761501

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Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Mary Kathleen Lyons	Site Contact: Elizabeth Murphy	Date: 7/2/25	COC No: 1 of 1 COCs
Company Name: ROUX	Tel/Email: MLYONS@ROUXINC.COM	Lab Contact:	Carrier:	Sampler:
Address: 201 Shatter	Analysis Turnaround Time: ☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only: Walk-in Client: Lab Sampling:
City/State/Zip: Islandia NY	TAT if different from Below: 5 days			Job / SDG No.:
Phone: 631) 232-2600	☐ 2 weeks ☐ 1 week STANDARD ☐ 2 days ☐ 1 day			
Fax:				
Project Name: 32-32 College Point Blvd				
Site: 32-32 College Point Blvd, Flushing, NY				
PO #				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Herbicide	Pesticides + PCBs	1,4-Dioxane	TCL/Part 375 SVOCs + 1,4-D	Hex. valent Chromium	Chromium, Trivalent	Dissolved TAL Metals	Dissolved Mercury	TAL Metals	Mercury	VOCs	Cyanide, Total	Sample Specific Notes:
RXMW-10	7/2/25	0850	G	W	15			X	X	X	X	X	X	X	X	X	X	X	X	329841
TRIP BLANK	7/2/25	0950	G	W	2													X		

460-329841 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments.

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temp. (°C): Obs'd. _____ Corr'd. _____	Therm ID No.: _____
Relinquished by:	Company: ROUX	Date/Time: 7/2/25 1045	Received by:	Company: TA NYC	Date/Time: 07/02/25 1130
Relinquished by:	Company: TA NYC	Date/Time: 07/02/25 17:05	Received by:	Company: EET	Date/Time: 7/2/25 1950
Relinquished by:	Company: EET	Date/Time: 7/2/25 1950	Received in Laboratory by:	Company: ETA	Date/Time: 07/2 1950

NO CS IR#9 2.3 - 2.7

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7/10/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 329841

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	2.3 °C	2.7 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
1				12								712			

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials MM Date: 7/2/25

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-329841-1

Login Number: 329841
List Number: 1
Creator: Nelson, Rose E

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. MaryBeth Lyons
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, New York 11749

Generated 7/11/2025 6:34:30 PM

JOB DESCRIPTION

35-32 College Point Blvd, Flushing, NY

JOB NUMBER

460-329898-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



Generated
7/11/2025 6:34:30 PM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Definitions/Glossary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329898-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Qualifiers

LCMS

Qualifier	Qualifier Description
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-329898-1

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 7/2/2025 7:50 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C.

Receipt Exceptions
All extra bottles for 1633 PFAS analysis were frozen after entry.

RXMW-10 (460-329898-1) and FB_070225_W (460-329898-2)

Method 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A
Samples RXMW-10 (460-329898-1) and FB_070225_W (460-329898-2) were analyzed for Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A. The samples were prepared on 7/9/2025 and analyzed on 7/10/2025.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329898-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-10
Lab Sample ID: 460-329898-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	111		3.57	0.98	ng/L	1		1633A	Total/NA
Perfluoropentanoic acid (PFPeA)	381		1.78	0.53	ng/L	1		1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	348		1.78	0.45	ng/L	1		1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	244		1.78	0.71	ng/L	1		1633A	Total/NA
Perfluorooctanoic acid (PFOA)	664		1.78	0.80	ng/L	1		1633A	Total/NA
Perfluorononanoic acid (PFNA)	24.0		1.78	0.45	ng/L	1		1633A	Total/NA
Perfluorobutanesulfonic acid (PFBS)	29.4		1.78	0.45	ng/L	1		1633A	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	66.1		1.78	0.71	ng/L	1		1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	13.3		1.78	1.16	ng/L	1		1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	35.8		3.57	0.89	ng/L	1		1633A	Total/NA
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.80		1.78	1.25	ng/L	1		1633A	Total/NA
3-Perfluoropentylpropanoic acid (5:3 FTCA)	52.8		8.92	2.50	ng/L	1		1633A	Total/NA

Client Sample ID: FB_070225_W
Lab Sample ID: 460-329898-2

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329898-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-10
Lab Sample ID: 460-329898-1
Date Collected: 07/02/25 08:50
Matrix: Water
Date Received: 07/02/25 19:50

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**111**		3.57	0.98	ng/L		07/09/25 14:58	07/10/25 14:55	1
Perfluoropentanoic acid (PFPeA)	**381**		1.78	0.53	ng/L		07/09/25 14:58	07/10/25 14:55	1
Perfluorohexanoic acid (PFHxA)	**348**		1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
Perfluoroheptanoic acid (PFHpA)	**244**		1.78	0.71	ng/L		07/09/25 14:58	07/10/25 14:55	1
Perfluorooctanoic acid (PFOA)	**664**		1.78	0.80	ng/L		07/09/25 14:58	07/10/25 14:55	1
Perfluorononanoic acid (PFNA)	**24.0**		1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
Perfluorodecanoic acid (PFDA)	1.78	U	1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
Perfluoroundecanoic acid (PFUnA)	1.78	U	1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
Perfluorododecanoic acid (PFDoA)	1.78	U	1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
Perfluorotridecanoic acid (PFTrDA)	1.78	U	1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
Perfluorotetradecanoic acid (PFTeDA)	1.78	U	1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
Perfluorobutanesulfonic acid (PFBS)	**29.4**		1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
Perfluoropentanesulfonic acid (PFPeS)	1.78	U	1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
Perfluorohexanesulfonic acid (PFHxS)	**66.1**		1.78	0.71	ng/L		07/09/25 14:58	07/10/25 14:55	1
Perfluoroheptanesulfonic acid (PFHpS)	1.78	U	1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
Perfluorooctanesulfonic acid (PFOS)	**13.3**		1.78	1.16	ng/L		07/09/25 14:58	07/10/25 14:55	1
Perfluorononanesulfonic acid (PFNS)	1.78	U	1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
Perfluorodecanesulfonic acid (PFDS)	1.78	U	1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
Perfluorododecanesulfonic acid (PFDoS)	1.78	U	1.78	0.53	ng/L		07/09/25 14:58	07/10/25 14:55	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.57	U	3.57	0.89	ng/L		07/09/25 14:58	07/10/25 14:55	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**35.8**		3.57	0.89	ng/L		07/09/25 14:58	07/10/25 14:55	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.57	U	3.57	0.89	ng/L		07/09/25 14:58	07/10/25 14:55	1
Perfluorooctanesulfonamide (PFOSA)	1.78	U	1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.78	U	1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.78	U	1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.78	U	1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.78	U	1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.92	U	8.92	2.23	ng/L		07/09/25 14:58	07/10/25 14:55	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.92	U	8.92	3.57	ng/L		07/09/25 14:58	07/10/25 14:55	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	**1.80**		1.78	1.25	ng/L		07/09/25 14:58	07/10/25 14:55	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.78	U	1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.78	U	1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.78	U	1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.78	U	1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1

Client Sample ID: RXMW-10
Lab Sample ID: 460-329898-1
Date Collected: 07/02/25 08:50
Matrix: Water
Date Received: 07/02/25 19:50

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.78	U	1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.78	U	1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.78	U	1.78	0.45	ng/L		07/09/25 14:58	07/10/25 14:55	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.57	U	3.57	0.89	ng/L		07/09/25 14:58	07/10/25 14:55	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	**52.8**		8.92	2.50	ng/L		07/09/25 14:58	07/10/25 14:55	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	8.92	U	8.92	2.23	ng/L		07/09/25 14:58	07/10/25 14:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*80.0*		*5 - 130*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
13C5 PFPeA	*78.3*		*40 - 130*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
13C5 PFHxA	*92.8*		*40 - 130*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
13C4 PFHpA	*107*		*40 - 130*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
13C8 PFOA	*93.9*		*40 - 130*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
13C9 PFNA	*105*		*40 - 130*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
13C6 PFDA	*84.4*		*40 - 130*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
13C7 PFUnA	*78.0*		*30 - 130*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
13C2 PFTeDA	*55.4*		*10 - 130*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
13C3 PFBS	*110*		*40 - 135*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
13C3 PFHxS	*108*		*40 - 130*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
13C8 PFOS	*99.5*		*40 - 130*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
13C8 FOSA	*90.4*		*40 - 130*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
d3-NMeFOSAA	*79.5*		*40 - 170*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
d5-NEtFOSAA	*86.9*		*25 - 135*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
13C2 4:2 FTS	*83.0*		*40 - 200*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
13C2 6:2 FTS	*96.5*		*40 - 200*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
13C2 8:2 FTS	*93.0*		*40 - 300*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
13C3 HFPO-DA	*93.7*		*40 - 130*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
d7-N-MeFOSE-M	*70.7*		*10 - 130*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
d9-N-EtFOSE-M	*59.8*		*10 - 130*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
d5-NEtPFOSA	*79.7*		*10 - 130*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
d3-NMePFOSA	*77.8*		*10 - 130*	*07/09/25 14:58*	*07/10/25 14:55*	*1*
13C2 PFDoA	*65.1*		*10 - 130*	*07/09/25 14:58*	*07/10/25 14:55*	*1*

Client Sample ID: FB_070225_W
Lab Sample ID: 460-329898-2
Date Collected: 07/02/25 09:00
Matrix: Water
Date Received: 07/02/25 19:50

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.27	U	3.27	0.90	ng/L		07/09/25 14:58	07/10/25 11:45	1
Perfluoropentanoic acid (PFPeA)	1.64	U	1.64	0.49	ng/L		07/09/25 14:58	07/10/25 11:45	1
Perfluorohexanoic acid (PFHxA)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
Perfluoroheptanoic acid (PFHpA)	1.64	U	1.64	0.65	ng/L		07/09/25 14:58	07/10/25 11:45	1
Perfluorooctanoic acid (PFOA)	1.64	U	1.64	0.74	ng/L		07/09/25 14:58	07/10/25 11:45	1
Perfluorononanoic acid (PFNA)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
Perfluorodecanoic acid (PFDA)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329898-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: FB_070225_W
Lab Sample ID: 460-329898-2
Date Collected: 07/02/25 09:00
Matrix: Water
Date Received: 07/02/25 19:50

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroundecanoic acid (PFUnA)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
Perfluorododecanoic acid (PFDoA)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
Perfluorotridecanoic acid (PFTrDA)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
Perfluorotetradecanoic acid (PFTeDA)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
Perfluorobutanesulfonic acid (PFBS)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
Perfluoropentanesulfonic acid (PFPeS)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
Perfluorohexanesulfonic acid (PFHxS)	1.64	U	1.64	0.65	ng/L		07/09/25 14:58	07/10/25 11:45	1
Perfluoroheptanesulfonic acid (PFHpS)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
Perfluorooctanesulfonic acid (PFOS)	1.64	U	1.64	1.06	ng/L		07/09/25 14:58	07/10/25 11:45	1
Perfluorononanesulfonic acid (PFNS)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
Perfluorodecanesulfonic acid (PFDS)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
Perfluorododecanesulfonic acid (PFDoS)	1.64	U	1.64	0.49	ng/L		07/09/25 14:58	07/10/25 11:45	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.27	U	3.27	0.82	ng/L		07/09/25 14:58	07/10/25 11:45	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.27	U	3.27	0.82	ng/L		07/09/25 14:58	07/10/25 11:45	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.27	U	3.27	0.82	ng/L		07/09/25 14:58	07/10/25 11:45	1
Perfluorooctanesulfonamide (PFOSA)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.19	U	8.19	2.05	ng/L		07/09/25 14:58	07/10/25 11:45	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.19	U	8.19	3.27	ng/L		07/09/25 14:58	07/10/25 11:45	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.64	U	1.64	1.15	ng/L		07/09/25 14:58	07/10/25 11:45	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.64	U	1.64	0.41	ng/L		07/09/25 14:58	07/10/25 11:45	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.27	U	3.27	0.82	ng/L		07/09/25 14:58	07/10/25 11:45	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	8.19	U	8.19	2.29	ng/L		07/09/25 14:58	07/10/25 11:45	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329898-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: FB_070225_W
Lab Sample ID: 460-329898-2
Date Collected: 07/02/25 09:00
Matrix: Water
Date Received: 07/02/25 19:50

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	8.19	U	8.19	2.05	ng/L		07/09/25 14:58	07/10/25 11:45	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*99.5*		*5 - 130*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
13C5 PFPeA	*109*		*40 - 130*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
13C5 PFHxA	*105*		*40 - 130*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
13C4 PFHpA	*99.4*		*40 - 130*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
13C8 PFOA	*103*		*40 - 130*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
13C9 PFNA	*104*		*40 - 130*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
13C6 PFDA	*98.9*		*40 - 130*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
13C7 PFUnA	*99.8*		*30 - 130*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
13C2 PFTeDA	*90.3*		*10 - 130*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
13C3 PFBS	*110*		*40 - 135*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
13C3 PFHxS	*103*		*40 - 130*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
13C8 PFOS	*107*		*40 - 130*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
13C8 FOSA	*93.8*		*40 - 130*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
d3-NMeFOSAA	*92.1*		*40 - 170*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
d5-NEtFOSAA	*90.2*		*25 - 135*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
13C2 4:2 FTS	*106*		*40 - 200*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
13C2 6:2 FTS	*110*		*40 - 200*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
13C2 8:2 FTS	*101*		*40 - 300*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
13C3 HFPO-DA	*97.8*		*40 - 130*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
d7-N-MeFOSE-M	*79.3*		*10 - 130*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
d9-N-EtFOSE-M	*71.8*		*10 - 130*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
d5-NEtPFOSA	*81.8*		*10 - 130*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
d3-NMePFOSA	*86.5*		*10 - 130*	*07/09/25 14:58*	*07/10/25 11:45*	*1*
13C2 PFDoA	*97.1*		*10 - 130*	*07/09/25 14:58*	*07/10/25 11:45*	*1*

Isotope Dilution Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329898-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(5-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(30-130)
460-329737-B-1-B MS	Matrix Spike	88.3	89.3	85.8	88.5	93.0	101	92.1	82.5
460-329737-B-1-C MSD	Matrix Spike Duplicate	107	107	104	99.6	98.0	109	101	91.8
460-329898-1	RXMW-10	80.0	78.3	92.8	107	93.9	105	84.4	78.0
460-329898-2	FB_070225_W	99.5	109	105	99.4	103	104	98.9	99.8
LCS 410-668966/1-A	Lab Control Sample	93.9	98.6	97.9	84.1	90.7	99.8	85.9	87.4
LLCS 410-668966/2-A	Lab Control Sample	103	106	106	99.6	103	117	90.5	99.3
MB 410-668966/11-A	Method Blank	123	129	119	109	103	109	94.2	91.6

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(10-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-170)	(25-135)	(40-200)
460-329737-B-1-B MS	Matrix Spike	58.8	107	100	98.2	87.4	80.1	83.9	98.2
460-329737-B-1-C MSD	Matrix Spike Duplicate	69.0	117	112	108	94.9	88.5	88.9	112
460-329898-1	RXMW-10	55.4	110	108	99.5	90.4	79.5	86.9	83.0
460-329898-2	FB_070225_W	90.3	110	103	107	93.8	92.1	90.2	106
LCS 410-668966/1-A	Lab Control Sample	67.9	93.7	93.1	93.7	79.3	77.4	73.1	94.1
LLCS 410-668966/2-A	Lab Control Sample	71.9	107	104	103	88.4	92.0	89.2	108
MB 410-668966/11-A	Method Blank	74.6	105	98.1	101	99.6	90.3	86.4	123

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-200)	(40-300)	(40-130)	(10-130)	(10-130)	(10-130)	(10-130)	(10-130)
460-329737-B-1-B MS	Matrix Spike	101	87.9	81.5	67.1	58.8	74.7	72.7	76.1
460-329737-B-1-C MSD	Matrix Spike Duplicate	113	93.3	95.4	67.2	68.4	77.7	81.1	74.5
460-329898-1	RXMW-10	96.5	93.0	93.7	70.7	59.8	79.7	77.8	65.1
460-329898-2	FB_070225_W	110	101	97.8	79.3	71.8	81.8	86.5	97.1
LCS 410-668966/1-A	Lab Control Sample	95.1	84.6	91.0	60.4	53.6	62.7	63.3	76.6
LLCS 410-668966/2-A	Lab Control Sample	107	95.6	96.1	83.0	72.7	79.6	80.0	84.5
MB 410-668966/11-A	Method Blank	110	93.3	119	75.6	70.8	82.8	84.2	78.8

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M

Isotope Dilution Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329898-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-668966/11-A
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 668966

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.00	U	4.00	1.10	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluoropentanoic acid (PFPeA)	2.00	U	2.00	0.60	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorohexanoic acid (PFHxA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluoroheptanoic acid (PFHpA)	2.00	U	2.00	0.80	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorooctanoic acid (PFOA)	2.00	U	2.00	0.90	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorononanoic acid (PFNA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorodecanoic acid (PFDA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluoroundecanoic acid (PFUnA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorododecanoic acid (PFDoA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorotridecanoic acid (PFTrDA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorotetradecanoic acid (PFTeDA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorobutanesulfonic acid (PFBS)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluoropentanesulfonic acid (PFPeS)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorohexanesulfonic acid (PFHxS)	2.00	U	2.00	0.80	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluoroheptanesulfonic acid (PFHpS)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorooctanesulfonic acid (PFOS)	2.00	U	2.00	1.30	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorononanesulfonic acid (PFNS)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorodecanesulfonic acid (PFDS)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorododecanesulfonic acid (PFDoS)	2.00	U	2.00	0.60	ng/L		07/09/25 14:58	07/10/25 09:29	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.00	U	4.00	1.00	ng/L		07/09/25 14:58	07/10/25 09:29	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.00	U	4.00	1.00	ng/L		07/09/25 14:58	07/10/25 09:29	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.00	U	4.00	1.00	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluorooctanesulfonamide (PFOSA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	10.0	U	10.0	2.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	10.0	U	10.0	4.00	ng/L		07/09/25 14:58	07/10/25 09:29	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	U	2.00	1.40	ng/L		07/09/25 14:58	07/10/25 09:29	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-668966/11-A
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 668966

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.00	U	2.00	0.50	ng/L		07/09/25 14:58	07/10/25 09:29	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	4.00	U	4.00	1.00	ng/L		07/09/25 14:58	07/10/25 09:29	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	10.0	U	10.0	2.80	ng/L		07/09/25 14:58	07/10/25 09:29	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	10.0	U	10.0	2.50	ng/L		07/09/25 14:58	07/10/25 09:29	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*123*		*5 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C5 PFPeA	*129*		*40 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C5 PFHxA	*119*		*40 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C4 PFHpA	*109*		*40 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C8 PFOA	*103*		*40 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C9 PFNA	*109*		*40 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C6 PFDA	*94.2*		*40 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C7 PFUnA	*91.6*		*30 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C2 PFTeDA	*74.6*		*10 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C3 PFBS	*105*		*40 - 135*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C3 PFHxS	*98.1*		*40 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C8 PFOS	*101*		*40 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C8 FOSA	*99.6*		*40 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
d3-NMeFOSAA	*90.3*		*40 - 170*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
d5-NEtFOSAA	*86.4*		*25 - 135*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C2 4:2 FTS	*123*		*40 - 200*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C2 6:2 FTS	*110*		*40 - 200*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C2 8:2 FTS	*93.3*		*40 - 300*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C3 HFPO-DA	*119*		*40 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
d7-N-MeFOSE-M	*75.6*		*10 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
d9-N-EtFOSE-M	*70.8*		*10 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
d5-NEtPFOSA	*82.8*		*10 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
d3-NMePFOSA	*84.2*		*10 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*
13C2 PFDoA	*78.8*		*10 - 130*	*07/09/25 14:58*	*07/10/25 09:29*	*1*

Lab Sample ID: LCS 410-668966/1-A
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 668966

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	80.0	73.15		ng/L		91	70 - 140
Perfluoropentanoic acid (PFPeA)	40.0	36.31		ng/L		91	65 - 135
Perfluorohexanoic acid (PFHxA)	40.0	35.09		ng/L		88	70 - 145
Perfluoroheptanoic acid (PFHpA)	40.0	40.19		ng/L		100	70 - 150
Perfluorooctanoic acid (PFOA)	40.0	35.34		ng/L		88	70 - 150
Perfluorononanoic acid (PFNA)	40.0	33.17		ng/L		83	70 - 150
Perfluorodecanoic acid (PFDA)	40.0	36.59		ng/L		91	70 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-668966/1-A
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 668966

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	40.0	39.06		ng/L		98	70 - 145
Perfluorododecanoic acid (PFDoA)	40.0	36.24		ng/L		91	70 - 140
Perfluorotridecanoic acid (PFTrDA)	40.0	35.41		ng/L		89	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	40.0	37.73		ng/L		94	60 - 140
Perfluorobutanesulfonic acid (PFBS)	35.5	32.87		ng/L		93	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	37.6	37.92		ng/L		101	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	36.5	31.80		ng/L		87	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	38.2	34.90		ng/L		91	70 - 150
Perfluorooctanesulfonic acid (PFOS)	37.2	32.51		ng/L		87	55 - 150
Perfluorononanesulfonic acid (PFNS)	38.5	33.13		ng/L		86	65 - 145
Perfluorodecanesulfonic acid (PFDS)	38.6	33.25		ng/L		86	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	38.8	28.63		ng/L		74	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	70.14		ng/L		93	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	70.29		ng/L		92	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	72.19		ng/L		94	60 - 150
Perfluorooctanesulfonamide (PFOSA)	40.0	41.61		ng/L		104	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	42.96		ng/L		107	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	40.53		ng/L		101	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	39.36		ng/L		98	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	40.81		ng/L		102	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	191.0		ng/L		95	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	193.1		ng/L		97	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.0	28.99		ng/L		97	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	37.82		ng/L		100	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	41.96		ng/L		105	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	37.56		ng/L		94	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	40.0	36.72		ng/L		92	50 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-668966/1-A
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 668966

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	37.4	32.95		ng/L		88	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	37.8	31.01		ng/L		82	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	35.7	33.54		ng/L		94	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	80.0	76.14		ng/L		95	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	200	164.9		ng/L		82	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	200	152.7		ng/L		76	50 - 145

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*93.9*		*5 - 130*
13C5 PFPeA	*98.6*		*40 - 130*
13C5 PFHxA	*97.9*		*40 - 130*
13C4 PFHpA	*84.1*		*40 - 130*
13C8 PFOA	*90.7*		*40 - 130*
13C9 PFNA	*99.8*		*40 - 130*
13C6 PFDA	*85.9*		*40 - 130*
13C7 PFUnA	*87.4*		*30 - 130*
13C2 PFTeDA	*67.9*		*10 - 130*
13C3 PFBS	*93.7*		*40 - 135*
13C3 PFHxS	*93.1*		*40 - 130*
13C8 PFOS	*93.7*		*40 - 130*
13C8 FOSA	*79.3*		*40 - 130*
d3-NMeFOSAA	*77.4*		*40 - 170*
d5-NEtFOSAA	*73.1*		*25 - 135*
13C2 4:2 FTS	*94.1*		*40 - 200*
13C2 6:2 FTS	*95.1*		*40 - 200*
13C2 8:2 FTS	*84.6*		*40 - 300*
13C3 HFPO-DA	*91.0*		*40 - 130*
d7-N-MeFOSE-M	*60.4*		*10 - 130*
d9-N-EtFOSE-M	*53.6*		*10 - 130*
d5-NEtPFOSA	*62.7*		*10 - 130*
d3-NMePFOSA	*63.3*		*10 - 130*
13C2 PFDoA	*76.6*		*10 - 130*

Lab Sample ID: LLCS 410-668966/2-A
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 668966

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	8.00	7.274		ng/L		91	70 - 140
Perfluoropentanoic acid (PFPeA)	4.00	3.545		ng/L		89	65 - 135
Perfluorohexanoic acid (PFHxA)	4.00	3.500		ng/L		87	70 - 145
Perfluoroheptanoic acid (PFHpA)	4.00	3.595		ng/L		90	70 - 150
Perfluorooctanoic acid (PFOA)	4.00	3.788		ng/L		95	70 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-668966/2-A
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 668966

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanoic acid (PFNA)	4.00	3.336		ng/L		83	70 - 150
Perfluorodecanoic acid (PFDA)	4.00	4.153		ng/L		104	70 - 140
Perfluoroundecanoic acid (PFUnA)	4.00	3.464		ng/L		87	70 - 145
Perfluorododecanoic acid (PFDoA)	4.00	3.707		ng/L		93	70 - 140
Perfluorotridecanoic acid (PFTrDA)	4.00	3.452		ng/L		86	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	4.00	3.522		ng/L		88	60 - 140
Perfluorobutanesulfonic acid (PFBS)	3.55	2.822		ng/L		79	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	3.76	3.542		ng/L		94	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	3.65	3.083		ng/L		85	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	3.82	2.982		ng/L		78	70 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	3.583		ng/L		96	55 - 150
Perfluorononanesulfonic acid (PFNS)	3.85	3.078		ng/L		80	65 - 145
Perfluorodecanesulfonic acid (PFDS)	3.86	3.021		ng/L		78	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	3.88	2.666		ng/L		69	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	7.50	6.904		ng/L		92	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	7.62	6.770		ng/L		89	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	7.68	7.457		ng/L		97	60 - 150
Perfluorooctanesulfonamide (PFOSA)	4.00	3.603		ng/L		90	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	4.00	3.797		ng/L		95	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	4.00	3.844		ng/L		96	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.00	3.407		ng/L		85	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.00	3.927		ng/L		98	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	19.02		ng/L		95	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	18.18		ng/L		91	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	3.00	2.588		ng/L		86	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	3.78	3.301		ng/L		87	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.00	4.038		ng/L		101	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.00	3.534		ng/L		88	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-668966/2-A
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 668966

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.00	3.678		ng/L		92	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	3.74	2.852		ng/L		76	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	3.78	2.778		ng/L		74	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	3.57	2.850		ng/L		80	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	8.00	7.117		ng/L		89	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	20.0	14.26		ng/L		71	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	20.0	13.31		ng/L		67	50 - 145

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*103*		*5 - 130*
13C5 PFPeA	*106*		*40 - 130*
13C5 PFHxA	*106*		*40 - 130*
13C4 PFHpA	*99.6*		*40 - 130*
13C8 PFOA	*103*		*40 - 130*
13C9 PFNA	*117*		*40 - 130*
13C6 PFDA	*90.5*		*40 - 130*
13C7 PFUnA	*99.3*		*30 - 130*
13C2 PFTeDA	*71.9*		*10 - 130*
13C3 PFBS	*107*		*40 - 135*
13C3 PFHxS	*104*		*40 - 130*
13C8 PFOS	*103*		*40 - 130*
13C8 FOSA	*88.4*		*40 - 130*
d3-NMeFOSAA	*92.0*		*40 - 170*
d5-NEtFOSAA	*89.2*		*25 - 135*
13C2 4:2 FTS	*108*		*40 - 200*
13C2 6:2 FTS	*107*		*40 - 200*
13C2 8:2 FTS	*95.6*		*40 - 300*
13C3 HFPO-DA	*96.1*		*40 - 130*
d7-N-MeFOSE-M	*83.0*		*10 - 130*
d9-N-EtFOSE-M	*72.7*		*10 - 130*
d5-NEtPFOSA	*79.6*		*10 - 130*
d3-NMePFOSA	*80.0*		*10 - 130*
13C2 PFDoA	*84.5*		*10 - 130*

Lab Sample ID: 460-329737-B-1-B MS
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 668966

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	3.34	U	61.5	68.77		ng/L		112	70 - 140
Perfluoropentanoic acid (PFPeA)	23.6		30.7	50.08		ng/L		86	65 - 135
Perfluorohexanoic acid (PFHxA)	27.2		30.7	57.33		ng/L		98	70 - 145

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-329737-B-1-B MS
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 668966

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanoic acid (PFHpA)	14.3		30.7	45.18		ng/L		101	70 - 150
Perfluorooctanoic acid (PFOA)	28.7		30.7	56.47		ng/L		90	70 - 150
Perfluorononanoic acid (PFNA)	6.69		30.7	34.51		ng/L		91	70 - 150
Perfluorodecanoic acid (PFDA)	2.00		30.7	30.64		ng/L		93	70 - 140
Perfluoroundecanoic acid (PFUnA)	1.67	U	30.7	32.24		ng/L		105	70 - 145
Perfluorododecanoic acid (PFDoA)	1.67	U	30.7	28.16		ng/L		92	70 - 140
Perfluorotridecanoic acid (PFTrDA)	1.67	U	30.7	23.88		ng/L		78	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	1.67	U	30.7	28.72		ng/L		93	60 - 140
Perfluorobutanesulfonic acid (PFBS)	1.67	U	27.3	29.01		ng/L		106	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	1.67	U	28.9	28.12		ng/L		97	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	2.57		28.0	29.56		ng/L		96	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	1.67	U	29.3	29.64		ng/L		101	70 - 150
Perfluorooctanesulfonic acid (PFOS)	15.1		28.6	41.78		ng/L		93	55 - 150
Perfluorononanesulfonic acid (PFNS)	1.67	U	29.6	23.97		ng/L		81	65 - 145
Perfluorodecanesulfonic acid (PFDS)	1.67	U	29.6	22.77		ng/L		77	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	1.67	U	29.8	19.35		ng/L		65	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.34	U	57.7	51.99		ng/L		90	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.56	J	58.5	55.11		ng/L		92	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.34	U	59.0	54.72		ng/L		93	60 - 150
Perfluorooctanesulfonamide (PFOSA)	1.67	U	30.7	30.78		ng/L		100	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.67	U	30.7	28.78		ng/L		94	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.67	U	30.7	28.47		ng/L		93	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.67	U	30.7	29.79		ng/L		97	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	3.94		30.7	33.62		ng/L		97	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.36	U	154	138.1		ng/L		90	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.36	U	154	132.3		ng/L		86	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.67	U	23.0	21.28		ng/L		92	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.67	U	29.1	28.13		ng/L		97	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.67	U	30.7	24.13		ng/L		79	55 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-329737-B-1-B MS
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 668966

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.67	U	30.7	27.84		ng/L		91	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.67	U	30.7	34.08		ng/L		111	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.67	U	28.7	23.04		ng/L		80	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.67	U	29.0	21.29		ng/L		73	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.67	U	27.4	23.75		ng/L		87	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.34	U	61.5	59.39		ng/L		97	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	3.49	J	154	160.2		ng/L		102	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	8.36	U	154	138.0		ng/L		90	50 - 145

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4 PFBA	*88.3*		*5 - 130*
13C5 PFPeA	*89.3*		*40 - 130*
13C5 PFHxA	*85.8*		*40 - 130*
13C4 PFHpA	*88.5*		*40 - 130*
13C8 PFOA	*93.0*		*40 - 130*
13C9 PFNA	*101*		*40 - 130*
13C6 PFDA	*92.1*		*40 - 130*
13C7 PFUnA	*82.5*		*30 - 130*
13C2 PFTeDA	*58.8*		*10 - 130*
13C3 PFBS	*107*		*40 - 135*
13C3 PFHxS	*100*		*40 - 130*
13C8 PFOS	*98.2*		*40 - 130*
13C8 FOSA	*87.4*		*40 - 130*
d3-NMeFOSAA	*80.1*		*40 - 170*
d5-NEtFOSAA	*83.9*		*25 - 135*
13C2 4:2 FTS	*98.2*		*40 - 200*
13C2 6:2 FTS	*101*		*40 - 200*
13C2 8:2 FTS	*87.9*		*40 - 300*
13C3 HFPO-DA	*81.5*		*40 - 130*
d7-N-MeFOSE-M	*67.1*		*10 - 130*
d9-N-EtFOSE-M	*58.8*		*10 - 130*
d5-NEtPFOSA	*74.7*		*10 - 130*
d3-NMePFOSA	*72.7*		*10 - 130*
13C2 PFDoA	*76.1*		*10 - 130*

Lab Sample ID: 460-329737-B-1-C MSD
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 668966

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	3.34	U	65.4	73.82		ng/L		113	70 - 140	7	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-329737-B-1-C MSD
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 668966

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoropentanoic acid (PFPeA)	23.6		32.7	52.00		ng/L		87	65 - 135	4	30
Perfluorohexanoic acid (PFHxA)	27.2		32.7	62.37		ng/L		107	70 - 145	8	30
Perfluoroheptanoic acid (PFHpA)	14.3		32.7	48.94		ng/L		106	70 - 150	8	30
Perfluorooctanoic acid (PFOA)	28.7		32.7	62.91		ng/L		105	70 - 150	11	30
Perfluorononanoic acid (PFNA)	6.69		32.7	37.96		ng/L		96	70 - 150	10	30
Perfluorodecanoic acid (PFDA)	2.00		32.7	31.84		ng/L		91	70 - 140	4	30
Perfluoroundecanoic acid (PFUnA)	1.67	U	32.7	32.19		ng/L		98	70 - 145	0	30
Perfluorododecanoic acid (PFDoA)	1.67	U	32.7	33.22		ng/L		102	70 - 140	16	30
Perfluorotridecanoic acid (PFTrDA)	1.67	U	32.7	24.97		ng/L		76	65 - 140	4	30
Perfluorotetradecanoic acid (PFTeDA)	1.67	U	32.7	29.85		ng/L		91	60 - 140	4	30
Perfluorobutanesulfonic acid (PFBS)	1.67	U	29.0	30.56		ng/L		105	60 - 145	5	30
Perfluoropentanesulfonic acid (PFPeS)	1.67	U	30.7	34.29		ng/L		112	65 - 140	20	30
Perfluorohexanesulfonic acid (PFHxS)	2.57		29.8	29.08		ng/L		89	65 - 145	2	30
Perfluoroheptanesulfonic acid (PFHpS)	1.67	U	31.2	32.24		ng/L		103	70 - 150	8	30
Perfluorooctanesulfonic acid (PFOS)	15.1		30.4	42.20		ng/L		89	55 - 150	1	30
Perfluorononanesulfonic acid (PFNS)	1.67	U	31.5	25.57		ng/L		81	65 - 145	6	30
Perfluorodecanesulfonic acid (PFDS)	1.67	U	31.5	23.38		ng/L		74	60 - 145	3	30
Perfluorododecanesulfonic acid (PFDoS)	1.67	U	31.7	20.45		ng/L		64	50 - 145	6	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.34	U	61.3	59.95		ng/L		98	70 - 145	14	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.56	J	62.3	60.62		ng/L		95	65 - 155	10	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.34	U	62.8	60.20		ng/L		96	60 - 150	10	30
Perfluorooctanesulfonamide (PFOSA)	1.67	U	32.7	34.41		ng/L		105	70 - 145	11	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.67	U	32.7	31.38		ng/L		96	60 - 150	9	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.67	U	32.7	32.48		ng/L		99	65 - 145	13	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.67	U	32.7	32.25		ng/L		99	50 - 140	8	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	3.94		32.7	34.80		ng/L		94	70 - 145	3	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.36	U	164	165.8		ng/L		101	70 - 145	18	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.36	U	164	153.8		ng/L		94	70 - 135	15	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.67	U	24.5	23.28		ng/L		95	70 - 140	9	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.67	U	30.9	29.35		ng/L		95	65 - 145	4	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-329737-B-1-C MSD
Matrix: Water
Analysis Batch: 668929

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 668966

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.67	U	32.7	26.25		ng/L		80	55 - 140	8	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.67	U	32.7	29.97		ng/L		92	60 - 150	7	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.67	U	32.7	31.72		ng/L		97	50 - 150	7	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.67	U	30.5	25.88		ng/L		85	70 - 155	12	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.67	U	30.9	22.26		ng/L		72	55 - 160	4	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.67	U	29.2	23.86		ng/L		82	70 - 140	0	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.34	U	65.4	64.78		ng/L		99	65 - 130	9	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	3.49	J	164	160.2		ng/L		96	70 - 135	0	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	8.36	U	164	137.3		ng/L		84	50 - 145	1	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*107*		*5 - 130*
13C5 PFPeA	*107*		*40 - 130*
13C5 PFHxA	*104*		*40 - 130*
13C4 PFHpA	*99.6*		*40 - 130*
13C8 PFOA	*98.0*		*40 - 130*
13C9 PFNA	*109*		*40 - 130*
13C6 PFDA	*101*		*40 - 130*
13C7 PFUnA	*91.8*		*30 - 130*
13C2 PFTeDA	*69.0*		*10 - 130*
13C3 PFBS	*117*		*40 - 135*
13C3 PFHxS	*112*		*40 - 130*
13C8 PFOS	*108*		*40 - 130*
13C8 FOSA	*94.9*		*40 - 130*
d3-NMeFOSAA	*88.5*		*40 - 170*
d5-NEtFOSAA	*88.9*		*25 - 135*
13C2 4:2 FTS	*112*		*40 - 200*
13C2 6:2 FTS	*113*		*40 - 200*
13C2 8:2 FTS	*93.3*		*40 - 300*
13C3 HFPO-DA	*95.4*		*40 - 130*
d7-N-MeFOSE-M	*67.2*		*10 - 130*
d9-N-EtFOSE-M	*68.4*		*10 - 130*
d5-NEtPFOSA	*77.7*		*10 - 130*
d3-NMePFOSA	*81.1*		*10 - 130*
13C2 PFDoA	*74.5*		*10 - 130*

QC Association Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329898-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

LCMS

Analysis Batch: 668929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329898-2	FB_070225_W	Total/NA	Water	1633A	668966
MB 410-668966/11-A	Method Blank	Total/NA	Water	1633A	668966
LCS 410-668966/1-A	Lab Control Sample	Total/NA	Water	1633A	668966
LLCS 410-668966/2-A	Lab Control Sample	Total/NA	Water	1633A	668966
460-329737-B-1-B MS	Matrix Spike	Total/NA	Water	1633A	668966
460-329737-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	1633A	668966

Prep Batch: 668966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329898-1	RXMW-10	Total/NA	Water	1633A	
460-329898-2	FB_070225_W	Total/NA	Water	1633A	
MB 410-668966/11-A	Method Blank	Total/NA	Water	1633A	
LCS 410-668966/1-A	Lab Control Sample	Total/NA	Water	1633A	
LLCS 410-668966/2-A	Lab Control Sample	Total/NA	Water	1633A	
460-329737-B-1-B MS	Matrix Spike	Total/NA	Water	1633A	
460-329737-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	1633A	

Analysis Batch: 669501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329898-1	RXMW-10	Total/NA	Water	1633A	668966

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329898-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Client Sample ID: RXMW-10
Lab Sample ID: 460-329898-1
Date Collected: 07/02/25 08:50
Matrix: Water
Date Received: 07/02/25 19:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			668966	MSH2	ELLE	07/09/25 14:58
Total/NA	Analysis	1633A		1	669501	JU9U	ELLE	07/10/25 14:55

Client Sample ID: FB_070225_W
Lab Sample ID: 460-329898-2
Date Collected: 07/02/25 09:00
Matrix: Water
Date Received: 07/02/25 19:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			668966	MSH2	ELLE	07/09/25 14:58
Total/NA	Analysis	1633A		1	668929	RPU6	ELLE	07/10/25 11:45

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329898-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

Method Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329898-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Method	Method Description	Protocol	Laboratory
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
1633A	Solid-Phase Extraction (SPE)	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-329898-1
Project/Site: 35-32 College Point Blvd, Flushing, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-329898-1	RXMW-10	Water	07/02/25 08:50	07/02/25 19:50
460-329898-2	FB_070225_W	Water	07/02/25 09:00	07/02/25 19:50

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

NYC 222

eurofins

Client Information	Sampler: Elizabeth Mugley	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-196732-128782.1
Client Contact: Josue Criollo	Phone: (631) 232-2600	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: NY	Page: Page 1 of 1
Company: Roux Environmental Eng & Geology DPC	PWSID:	Analysis Requested		Job #: 329898
Address: 209 Shafter St	Due Date Requested:			Preservation Codes: N None
City: Islandia	TAT Requested (days): STANDARD			
State, Zip: NY 11749	Compliance Project: Δ Yes Δ No			
Phone: 631-831-8490(Tel)	PO #: 1633.0003Y000			
Email: jcriollo@rouxinc.com	WO #:			
Project Name: 35-32 College Point Blvd, Flushing NY	Project #: 46046973			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A PFAS 1633 Standard List of 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
RXMW-10	7/2/25	08:50	G	Water			X	2	
FB_070225_W	7/2/25	09:00	G	Water			X	2	
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					

PFAS

460-329898 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological	☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III IV Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	7/2/25 1045	ROUX		07/02/25 11.30	TANYC
	07/02/25 1700	TANYC		7/2/25 1950	EET
	7/2/25 1950	EET		7/2 1950	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No. NO CS	Cooler Temperature(s) °C and Other Remarks: IR#9: 08-12 °C

Ver: 05/06/2024

7/11/2025

Page 1 of 1

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 329898

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	0.8 °C	1.2 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below*

Sample No(s). adjusted. _____

Preservative Name/Conc. _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s). _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials MM Date: 7/2/25

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-74680.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-329898-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/10/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 35-32 College Point Blvd, Flushing, NY	Project #: 46046973			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_SPEPFAS 1633 Standard List of 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
RXMW-10 (460-329898-1)	7/2/25	08:50 Eastern	G	Water			X	2	
FB_070225_W (460-329898-2)	7/2/25	09:00 Eastern	G	Water			X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company		Date/Time:	Company
Relinquished by:	7/3/25 1505	EET EL	Received by: BG	7/3/25 1505	EN
Relinquished by: BG	7/3/25 1850	EN	Received by:		
Relinquished by:			Received by:	7/3/25 1850	

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 2.3 2

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-329898-1

Login Number: 329898
List Number: 1
Creator: Lysy, Susan

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-329898-1

Login Number: 329898
List Number: 2
Creator: McDonald, Teigan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 07/03/25 09:43 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	